

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120120\
 Data File : VD067829.D
 Acq On : 01 Dec 2020 11:28
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 12/2/2020 12:23:57 PM

Quant Time: Dec 02 08:05:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 03:45:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	239462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	338101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	310289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	160876	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	50677	19.71	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	39.42%#
35) Dibromofluoromethane	7.92	113	44913	19.85	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.70%#
50) Toluene-d8	10.34	98	162485	19.95	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	39.90%#
62) 4-Bromofluorobenzene	12.64	95	54959	19.52	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	39.04%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	39339	18.877	ug/l	91
3) Chloromethane	2.21	50	23644	19.659	ug/l	97
4) Vinyl Chloride	2.35	62	28377	18.734	ug/l	98
5) Bromomethane	2.76	94	26637	19.699	ug/l	90
6) Chloroethane	2.91	64	19065	19.332	ug/l	96
7) Trichlorofluoromethane	3.27	101	93419	20.155	ug/l	91
8) Diethyl Ether	3.71	74	17633	19.519	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	43435	20.551	ug/l	98
10) Methyl Iodide	4.30	142	42180	18.828	ug/l	96
11) Tert butyl alcohol	5.20	59	20238	101.708	ug/l #	84
12) 1,1-Dichloroethene	4.06	96	40926	20.625	ug/l	86
13) Acrolein	3.93	56	8826	98.993	ug/l	96
14) Allyl chloride	4.72	41	35739	19.469	ug/l	97
15) Acrylonitrile	5.42	53	33470	106.849	ug/l	97
16) Acetone	4.16	43	29107	92.622	ug/l	97
17) Carbon Disulfide	4.41	76	109362	19.740	ug/l	97
18) Methyl Acetate	4.72	43	12666	19.601	ug/l #	76
19) Methyl tert-butyl Ether	5.48	73	84586	19.907	ug/l	99
20) Methylene Chloride	4.97	84	47848	19.831	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	45503	20.152	ug/l	92
22) Diisopropyl ether	6.36	45	75866	20.549	ug/l #	93
23) Vinyl Acetate	6.30	43	207455	101.004	ug/l	99
24) 1,1-Dichloroethane	6.27	63	64080	19.800	ug/l	98
25) 2-Butanone	7.21	43	33753	101.021	ug/l	89
26) 2,2-Dichloropropane	7.20	77	75534	19.572	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	47907	19.398	ug/l	95
28) Bromochloromethane	7.54	49	20333	19.788	ug/l	94
29) Tetrahydrofuran	7.56	42	18868	107.878	ug/l	95
30) Chloroform	7.71	83	85876	19.855	ug/l	99
31) Cyclohexane	7.98	56	54450	20.104	ug/l	92
32) 1,1,1-Trichloroethane	7.91	97	94069	20.604	ug/l	98
36) 1,1-Dichloropropene	8.11	75	58662	20.042	ug/l	98
37) Ethyl Acetate	7.29	43	15492	22.667	ug/l	97
38) Carbon Tetrachloride	8.09	117	89827	20.284	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	70010	20.184	ug/l	93
40) Benzene	8.36	78	164388	20.526	ug/l	99
41) Methacrylonitrile	7.54	41	9850m	25.682	ug/l	
42) 1,2-Dichloroethane	8.43	62	57684	20.209	ug/l	98
43) Isopropyl Acetate	8.46	43	30759	19.817	ug/l	98
44) Trichloroethene	9.12	130	56718	20.598	ug/l	92
45) 1,2-Dichloropropane	9.39	63	33393	20.315	ug/l #	89
46) Dibromomethane	9.48	93	23480	20.545	ug/l	95
47) Bromodichloromethane	9.67	83	66416	20.384	ug/l	94
48) Methyl methacrylate	9.46	41	15949	20.236	ug/l	97
49) 1,4-Dioxane	9.47	88	5496	420.855	ug/l #	79
51) 4-Methyl-2-Pentanone	10.23	43	76796	104.539	ug/l	100
52) Toluene	10.41	92	117587	21.000	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	57259	20.361	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	64581	21.112	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	32525	20.795	ug/l	98
56) Ethyl methacrylate	10.67	69	32199	20.234	ug/l	98
57) 1,3-Dichloropropane	10.95	76	52160	21.053	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.95	63	66422	91.729	ug/l	98
59) 2-Hexanone	10.98	43	54672	105.572	ug/l	98
60) Dibromochloromethane	11.14	129	48230	20.457	ug/l	98
61) 1,2-Dibromoethane	11.26	107	32106	20.874	ug/l	99
64) Tetrachloroethene	10.88	164	51254	20.251	ug/l	93
65) Chlorobenzene	11.67	112	130790	20.428	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	53160	20.357	ug/l	98
67) Ethyl Benzene	11.75	91	221379	20.298	ug/l	96
68) m/p-Xylenes	11.86	106	179909	41.834	ug/l	98
69) o-Xylene	12.18	106	78572	20.580	ug/l	100
70) Styrene	12.20	104	138640	20.883	ug/l	98
71) Bromoform	12.37	173	28506	20.622	ug/l #	98
73) Isopropylbenzene	12.48	105	223427	20.195	ug/l	99
74) N-amyl acetate	12.29	43	27782	20.301	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	29156	19.961	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	27509m	22.993	ug/l	
77) Bromobenzene	12.77	156	56910	20.691	ug/l	99
78) n-propylbenzene	12.83	91	252425	20.586	ug/l	98
79) 2-Chlorotoluene	12.91	91	149975	20.790	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	199940	20.873	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	10147	20.718	ug/l	98
82) 4-Chlorotoluene	13.01	91	162238	21.083	ug/l	100
83) tert-Butylbenzene	13.23	119	162898	19.985	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	197748	20.761	ug/l	100
85) sec-Butylbenzene	13.40	105	223211	20.517	ug/l	100
86) p-Isopropyltoluene	13.52	119	221992	20.820	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	109569	20.651	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	107878	20.324	ug/l	99
89) n-Butylbenzene	13.84	91	180573	20.385	ug/l	99
90) Hexachloroethane	14.11	117	39833	20.235	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	92782	20.163	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6064	19.893	ug/l	93

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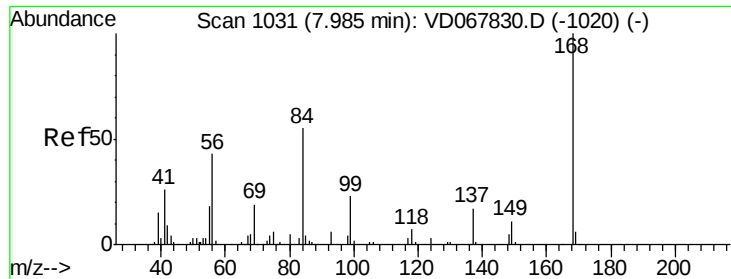
Manual Integrations
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12/2/2020 12:23:57 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 02 03:45:50 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	64255	19.963	ug/l	99
94) Hexachlorobutadiene	15.27	225	41642	19.826	ug/l	98
95) Naphthalene	15.40	128	102377	19.546	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	57581	20.715	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 239462

Ion Ratio Lower Upper

168 100

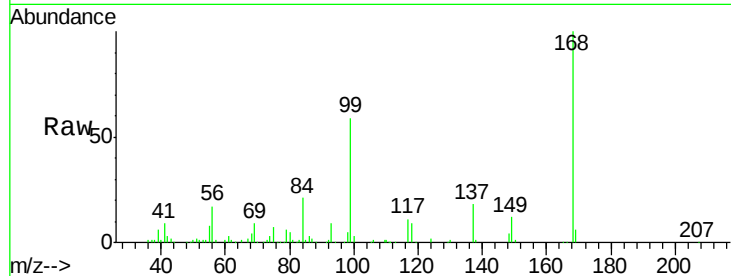
99 58.3 47.1 70.7

Manual Integrations

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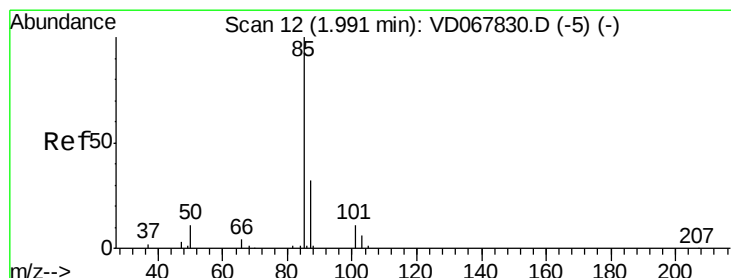
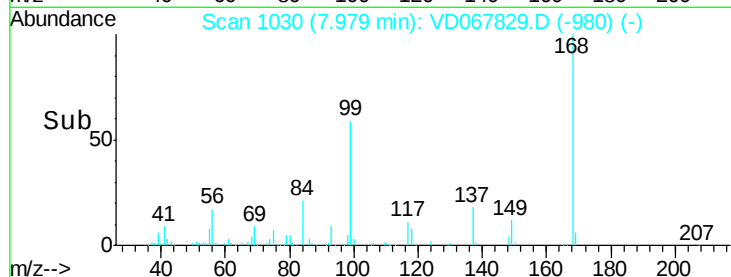
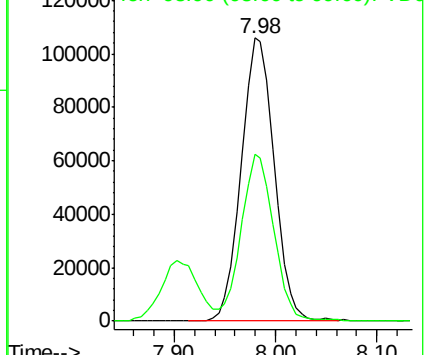
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 18.877 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067829.D

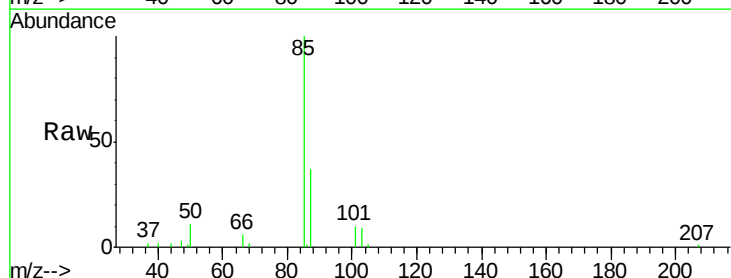
Acq: 01 Dec 2020 11:28

Tgt Ion: 85 Resp: 39339

Ion Ratio Lower Upper

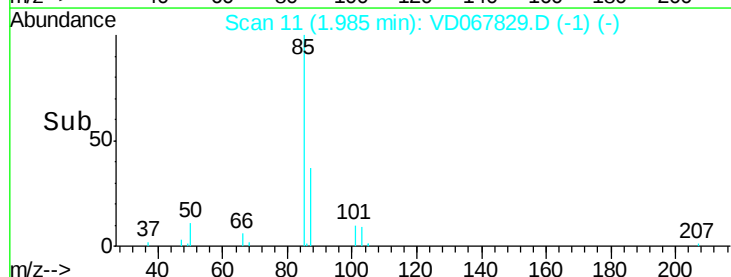
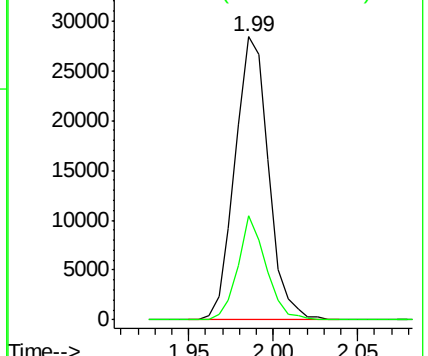
85 100

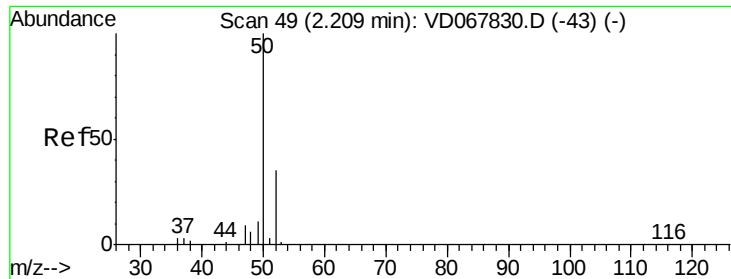
87 36.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.659 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 23644

Ion Ratio Lower Upper

50 100

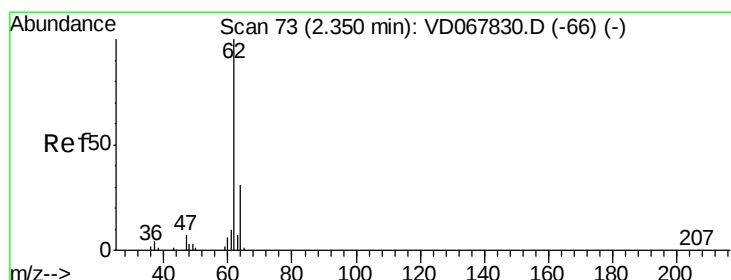
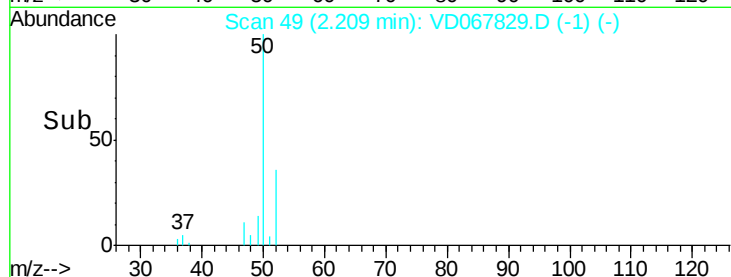
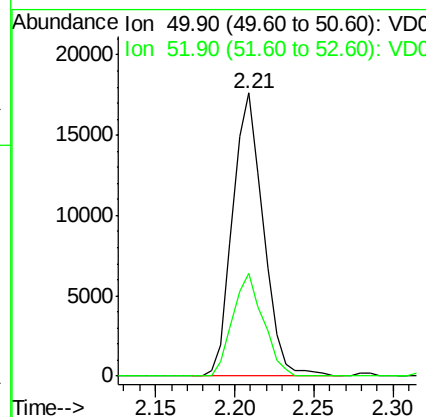
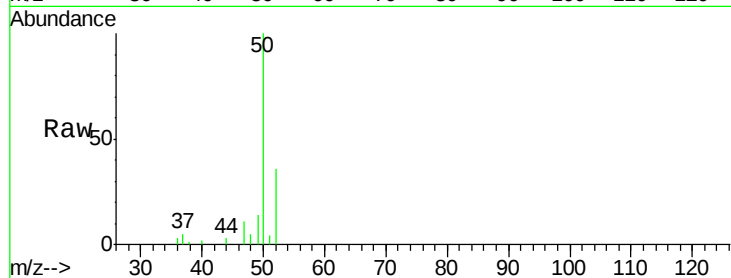
52 36.3 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.734 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067829.D

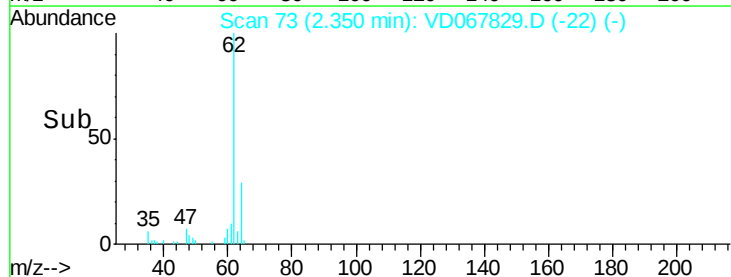
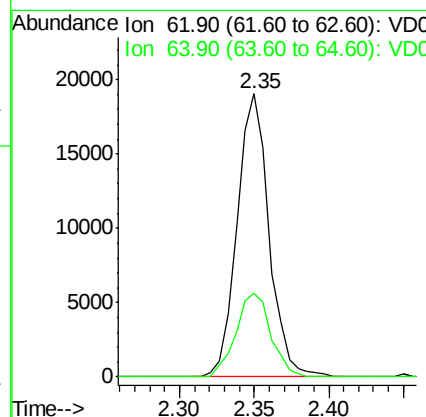
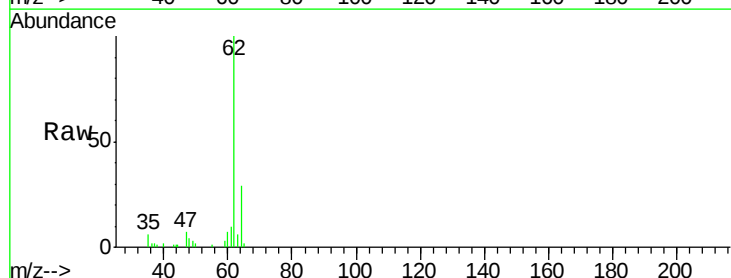
Acq: 01 Dec 2020 11:28

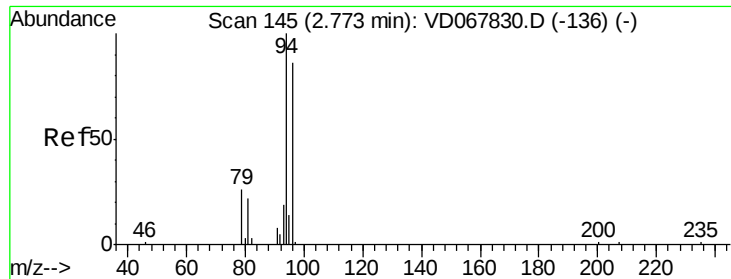
Tgt Ion: 62 Resp: 28377

Ion Ratio Lower Upper

62 100

64 29.5 24.5 36.7





#5

Bromomethane

Concen: 19.699 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

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Tot Ion: 94 Resp: 26637

Ion Ratio Lower Upper

94 100

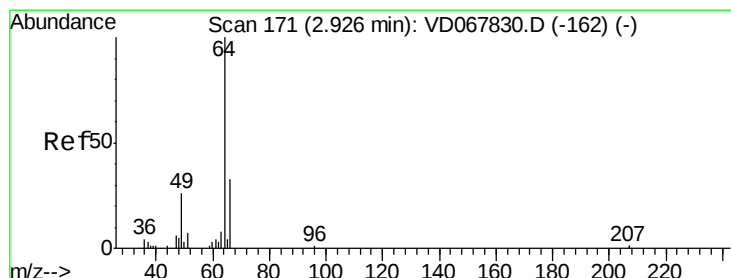
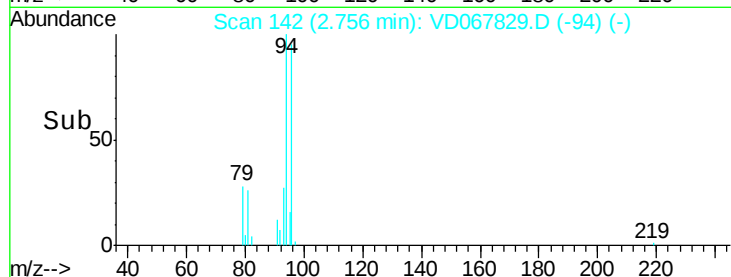
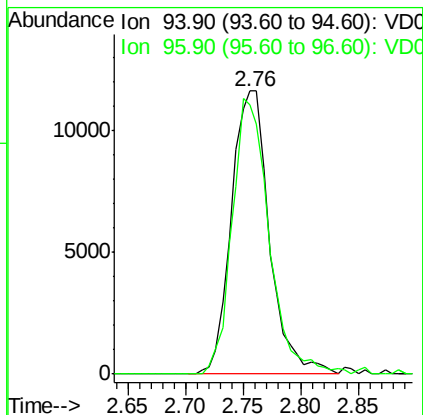
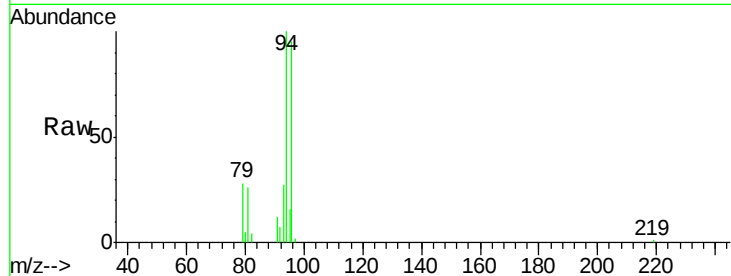
96 95.3 68.7 103.1

Manual Integrations

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#6

Chloroethane

Concen: 19.332 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD067829.D

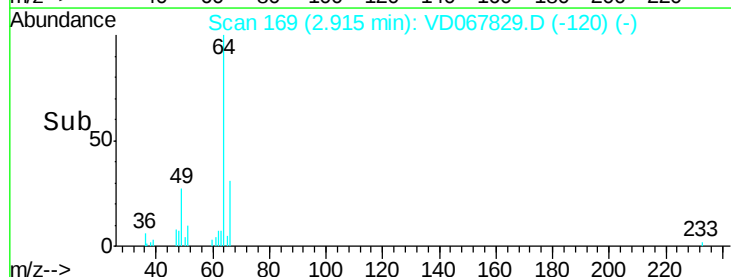
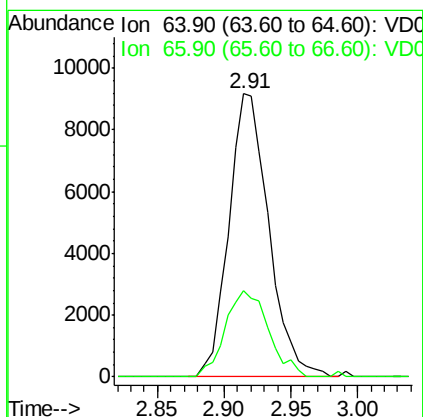
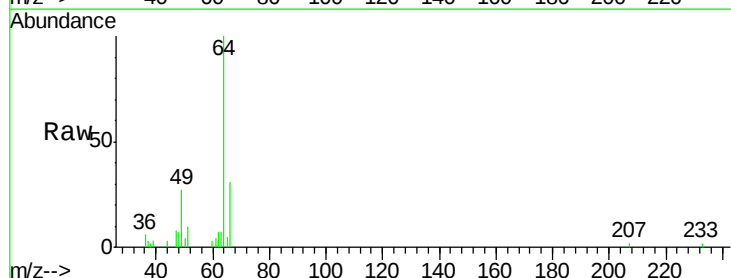
Acq: 01 Dec 2020 11:28

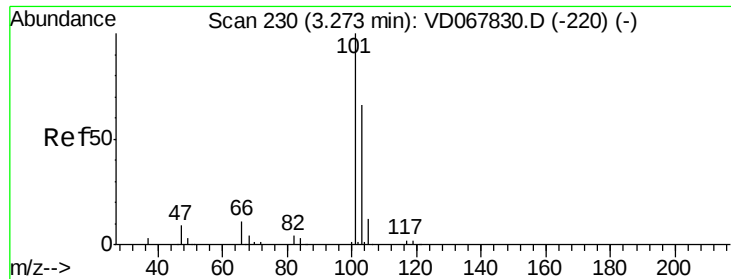
Tgt Ion: 64 Resp: 19065

Ion Ratio Lower Upper

64 100

66 30.5 26.1 39.1





#7

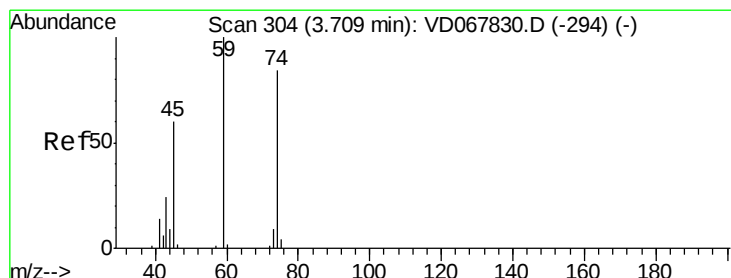
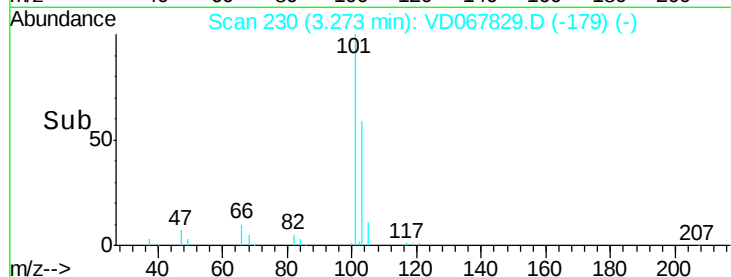
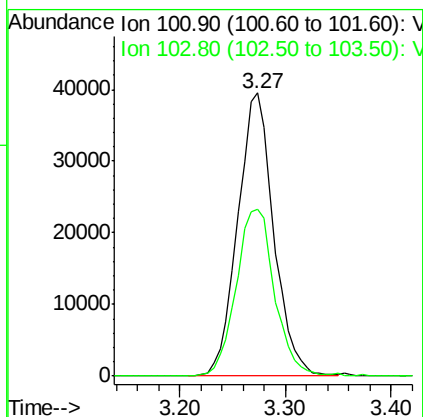
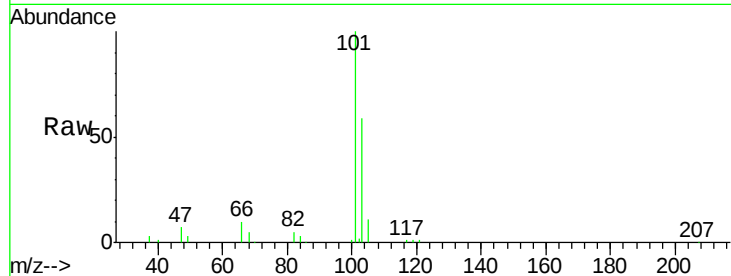
Trichlorofluoromethane
Concen: 20.155 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067829.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	58.8	53.0	79.6

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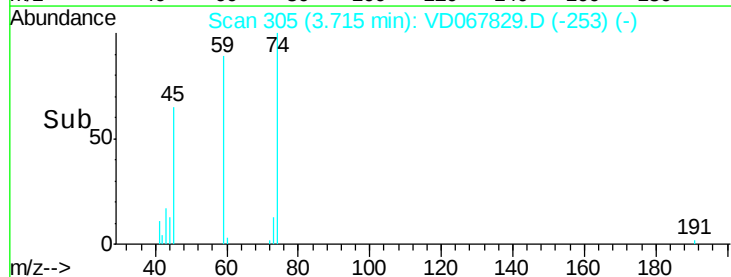
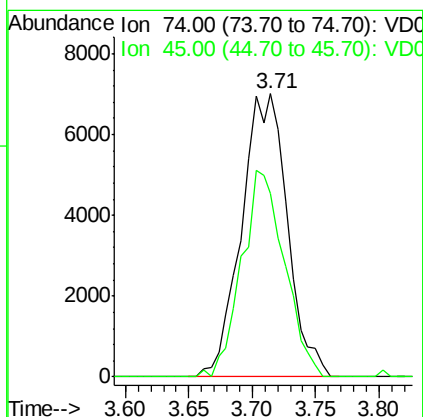
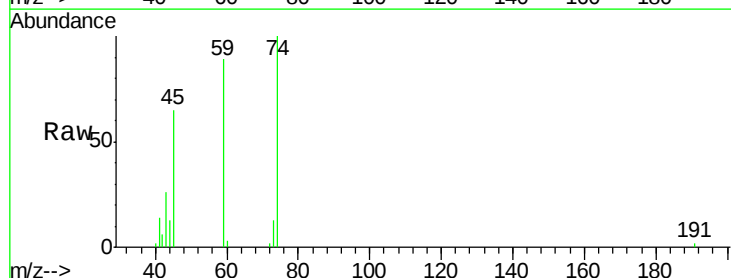
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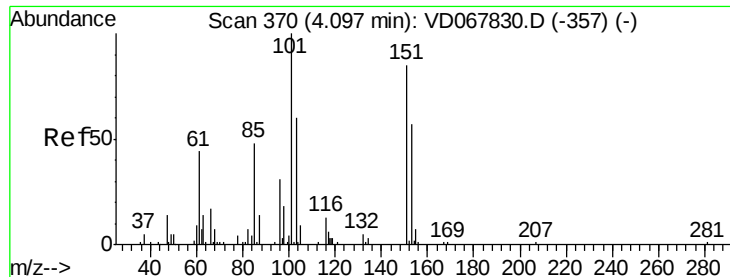


#8

Diethyl Ether
Concen: 19.519 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.01 min
Lab File: VD067829.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	67.9	33.9	101.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.551 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

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MSVOA_D

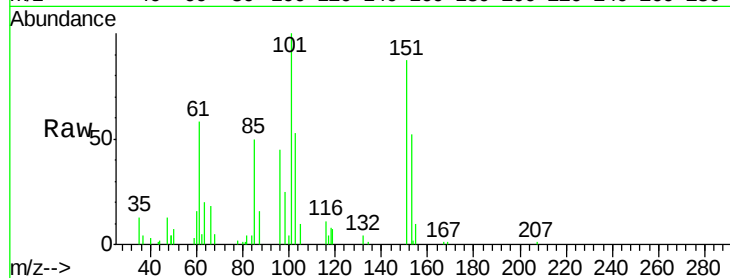
ClientSampleId :

VSTDIC020

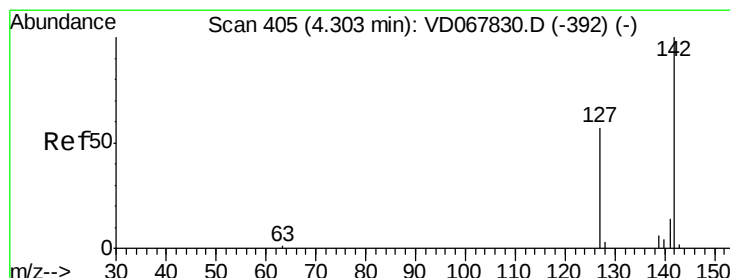
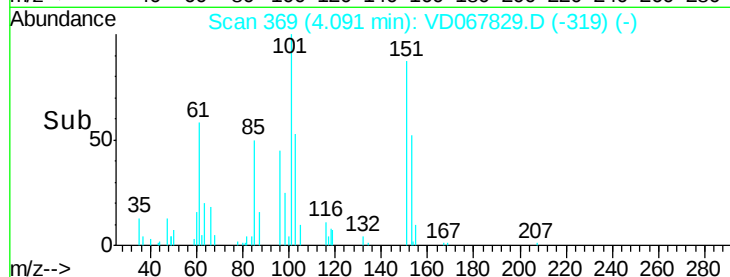
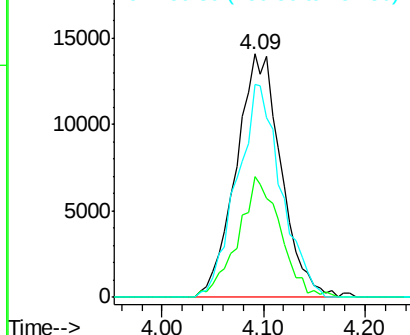
Tot Ion:	101	Resp:	43435
Ion Ratio	Lower	Upper	
101	100		
85	47.0	36.2	54.4
151	85.8	69.4	104.2

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.828 ug/l

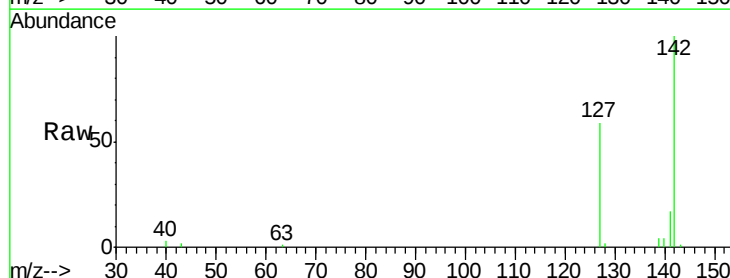
RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

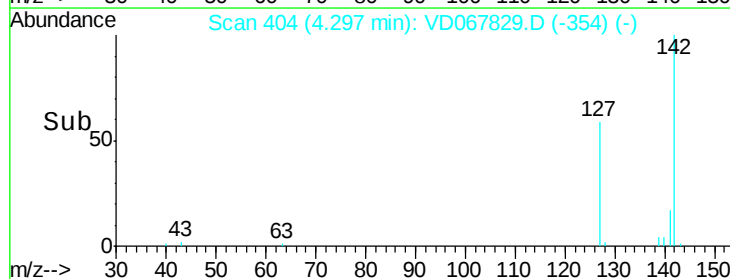
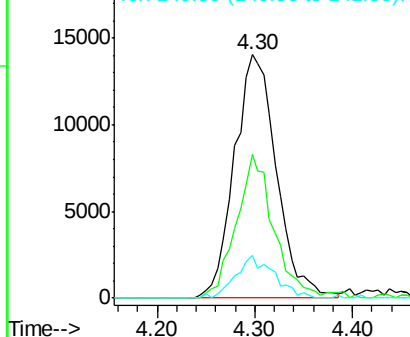
Lab File: VD067829.D

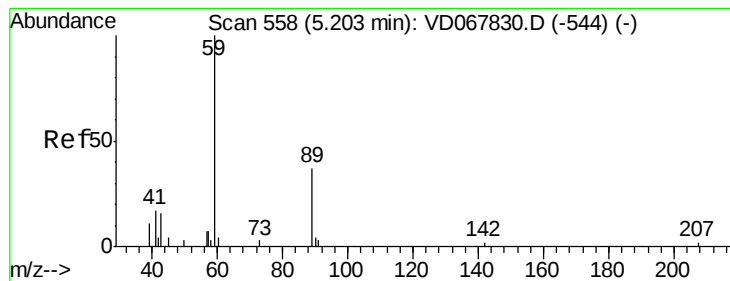
Acq: 01 Dec 2020 11:28

Tgt Ion:	142	Resp:	42180
Ion Ratio	Lower	Upper	
142	100		
127	51.9	43.9	65.9
141	15.7	12.2	18.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

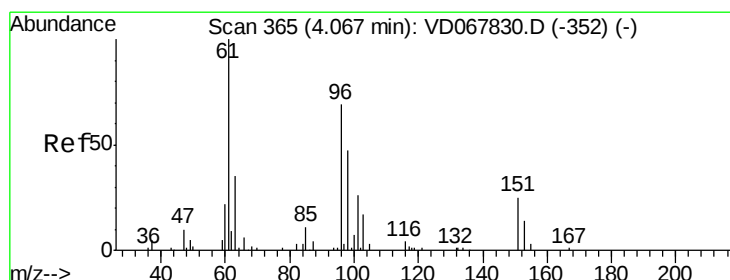
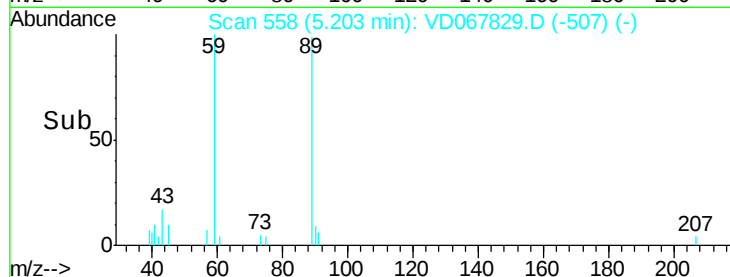
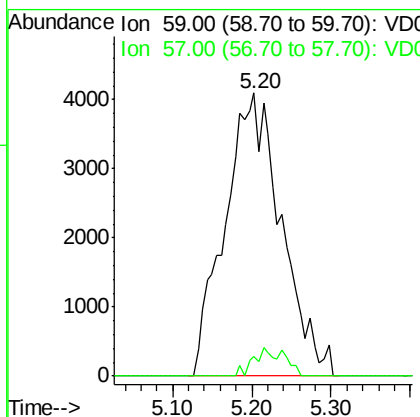
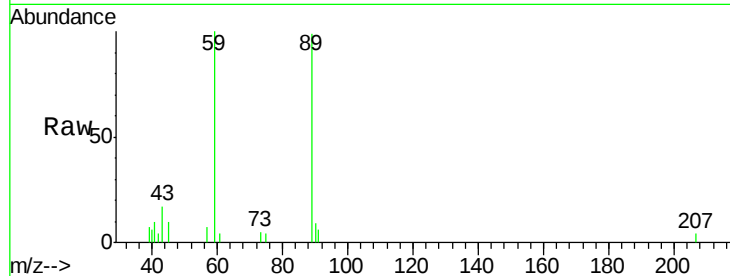
Tert butyl alcohol
Concen: 101.708 ug/l
RT: 5.20 min Scan# 558
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
59	100		
57	3.8	7.7	11.5#

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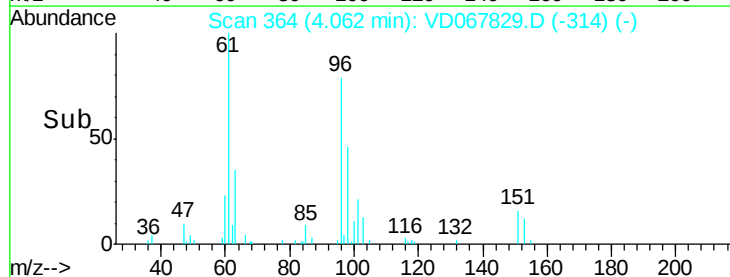
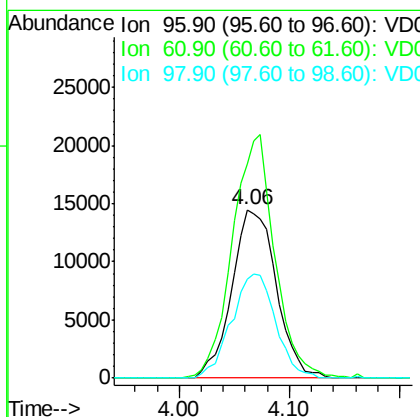
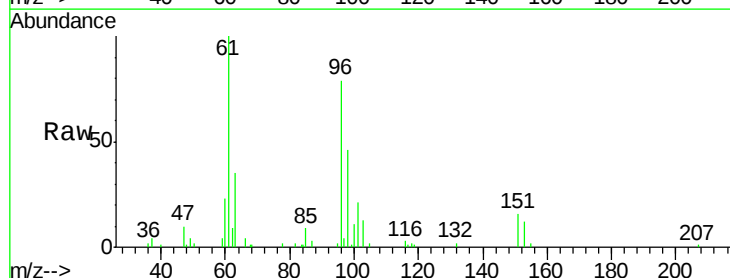
MMDadoda
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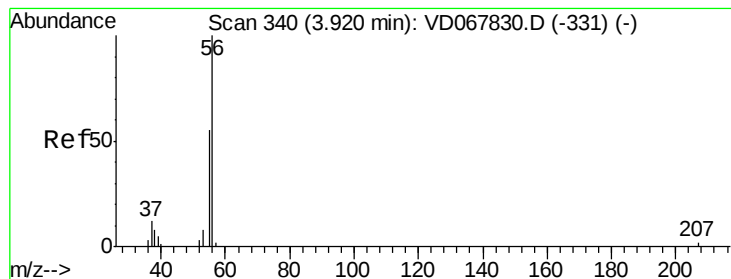


#12

1,1-Dichloroethene
Concen: 20.625 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	126.2	116.1	174.1
98	59.1	54.6	82.0





#13

Acrolein

Concen: 98.993 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 8826

Ion Ratio Lower Upper

56 100

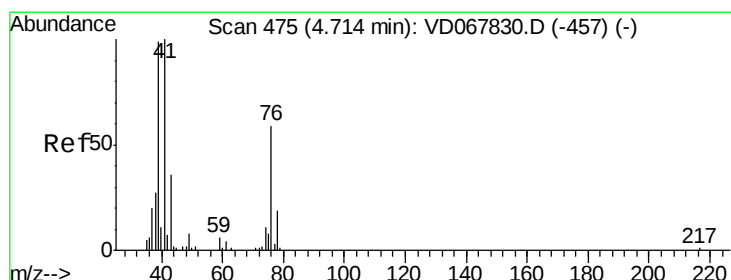
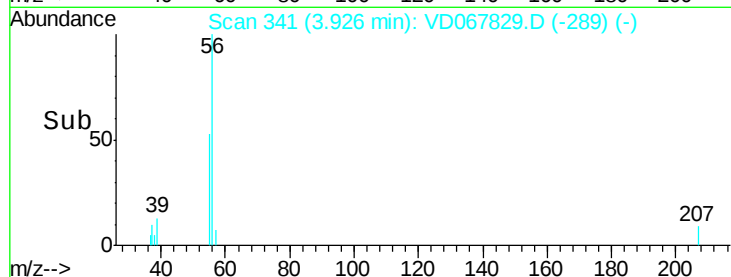
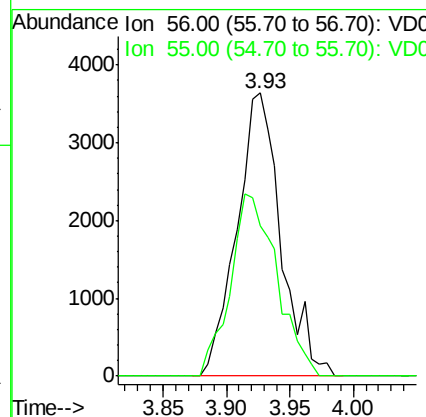
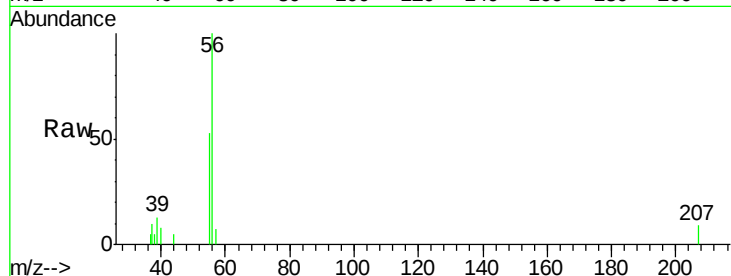
55 67.2 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 19.469 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

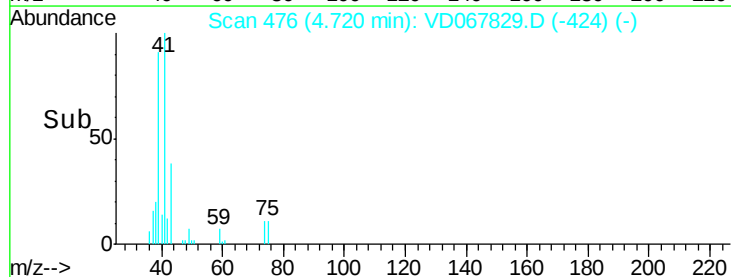
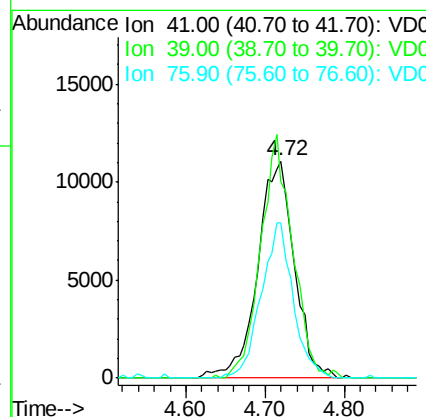
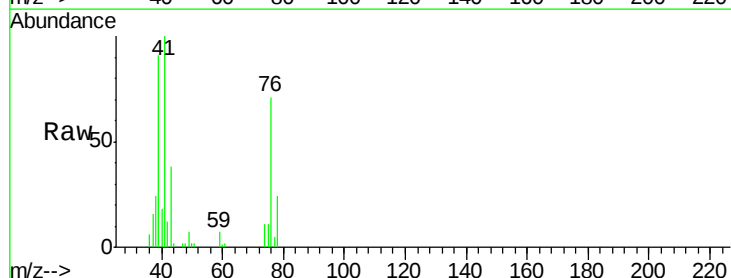
Tgt Ion: 41 Resp: 35739

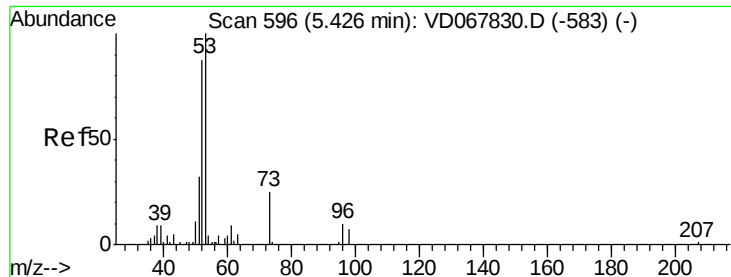
Ion Ratio Lower Upper

41 100

39 97.8 79.0 118.6

76 62.3 46.6 70.0





#15

Acrylonitrile

Concen: 106.849 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Instrument :

MSVOA_D

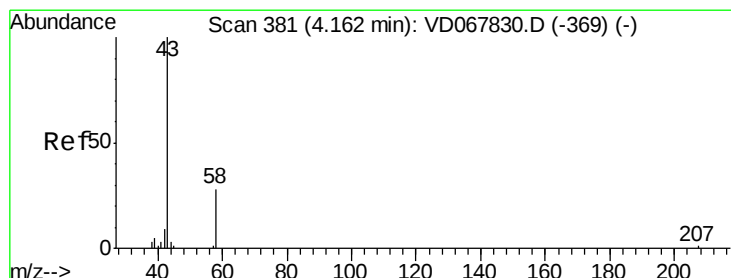
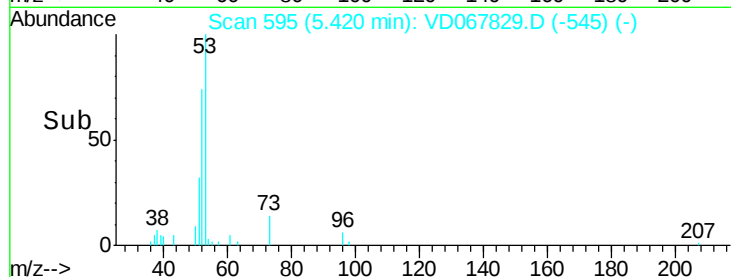
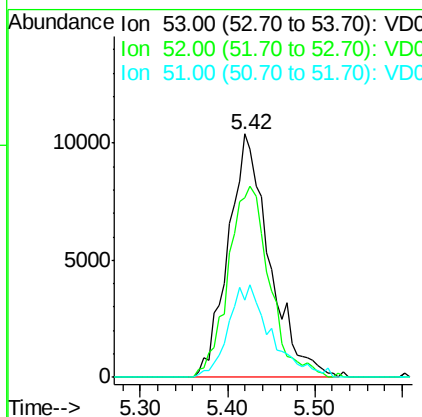
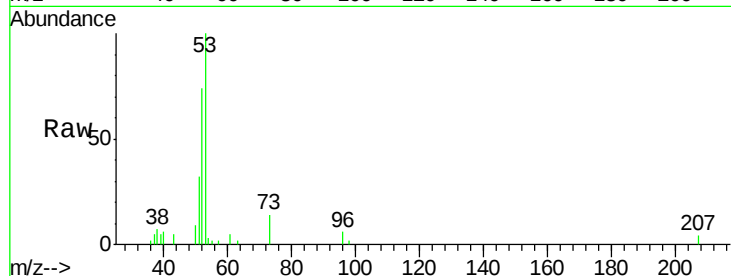
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	33470
Ion	Ratio	Lower	Upper
53	100		
52	78.2	66.2	99.2
51	39.0	31.1	46.7

Manual Integrations
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#16

Acetone

Concen: 92.622 ug/l

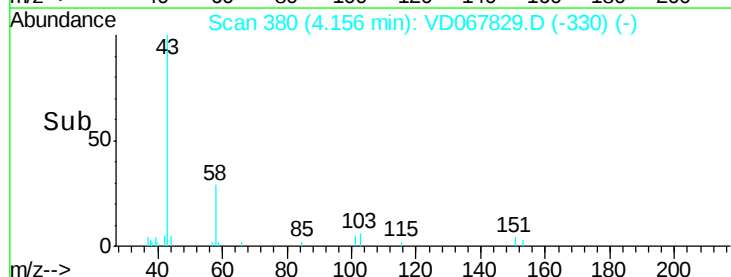
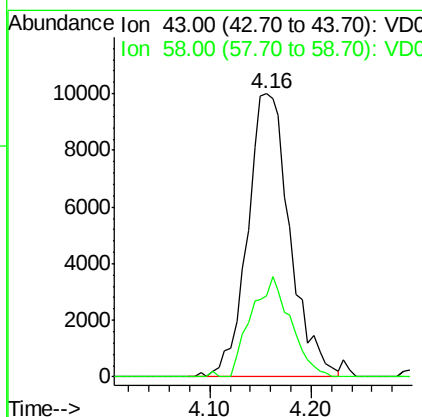
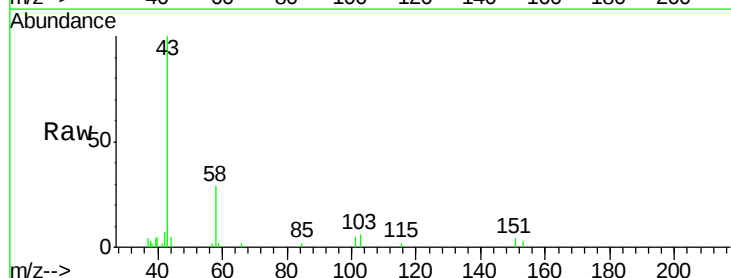
RT: 4.16 min Scan# 380

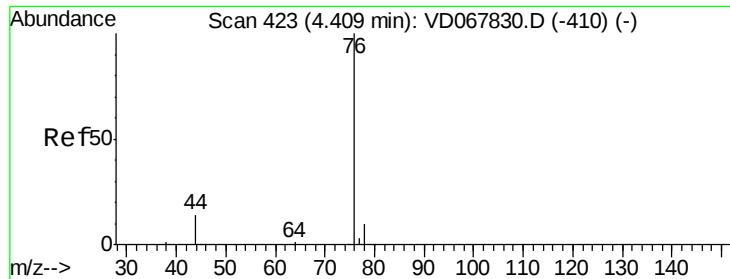
Delta R.T. -0.01 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Tgt Ion:	43	Resp:	29107
Ion	Ratio	Lower	Upper
43	100		
58	28.8	21.9	32.9





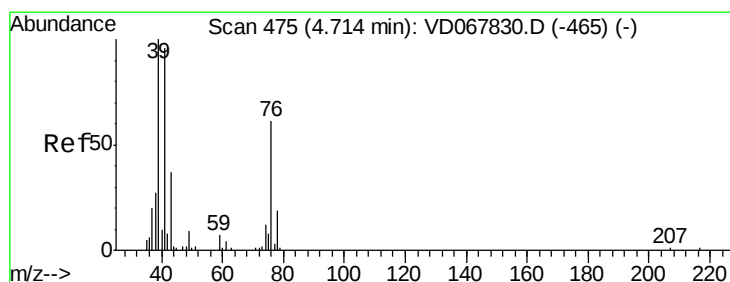
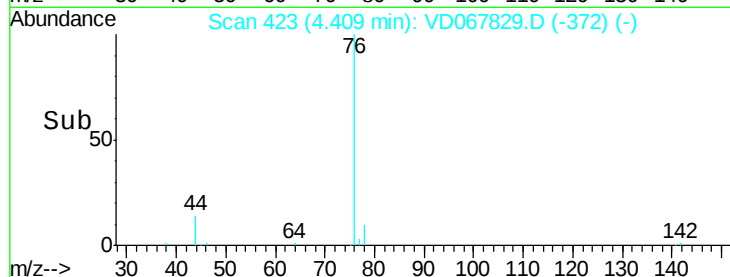
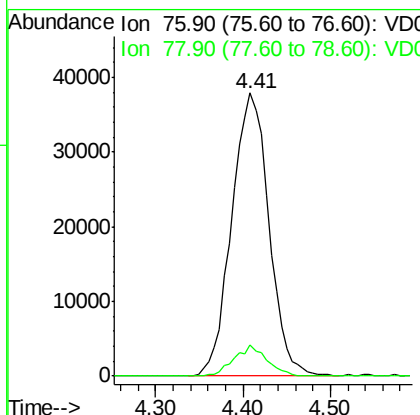
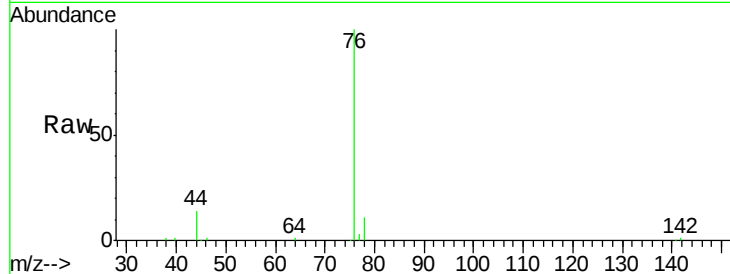
#17
Carbon Disulfide
Concen: 19.740 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion: 76 Resp: 109362
Ion Ratio Lower Upper
76 100
78 10.9 7.8 11.6

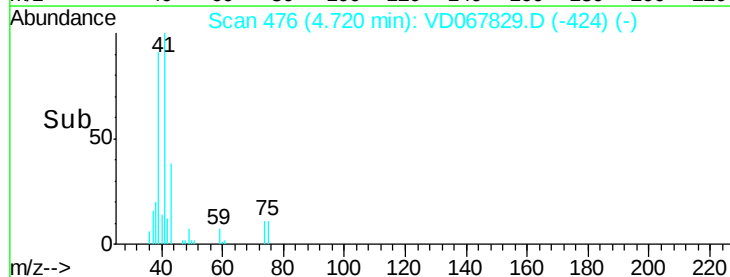
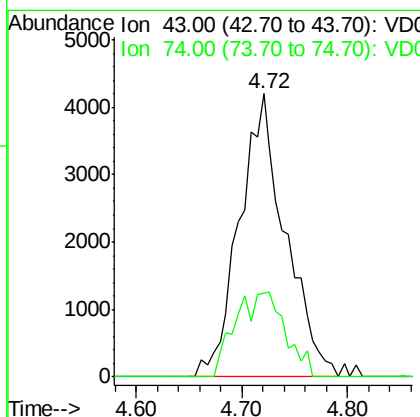
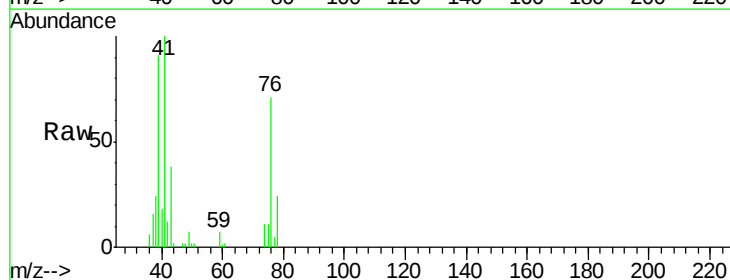
Manual Integrations
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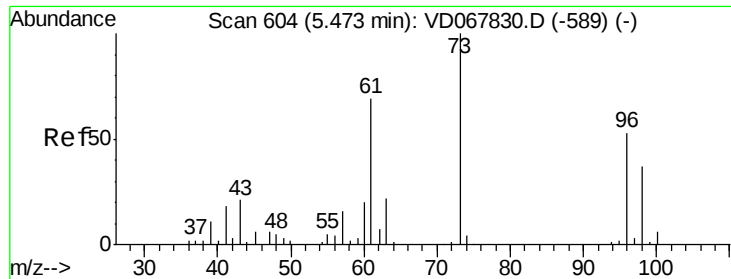
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#18
Methyl Acetate
Concen: 19.601 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion: 43 Resp: 12666
Ion Ratio Lower Upper
43 100
74 19.9 27.0 40.4#





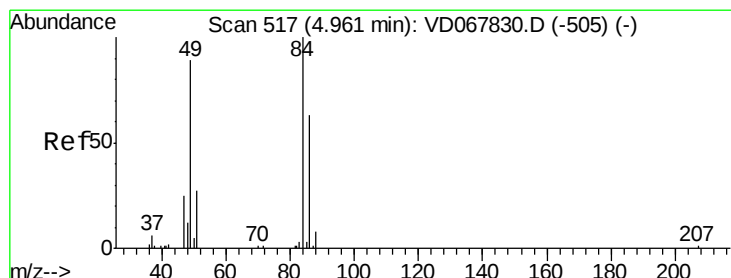
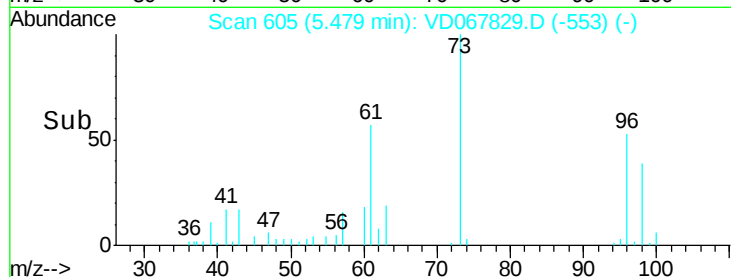
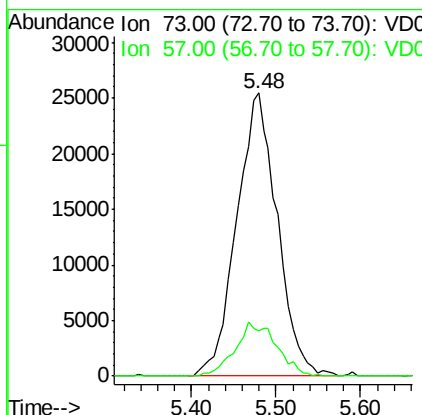
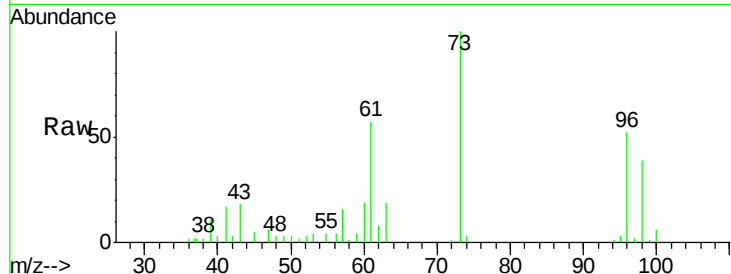
#19
Methyl tert-butyl Ether
Concen: 19.907 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion: 73 Resp: 84586
Ion Ratio Lower Upper
73 100
57 16.2 13.2 19.8

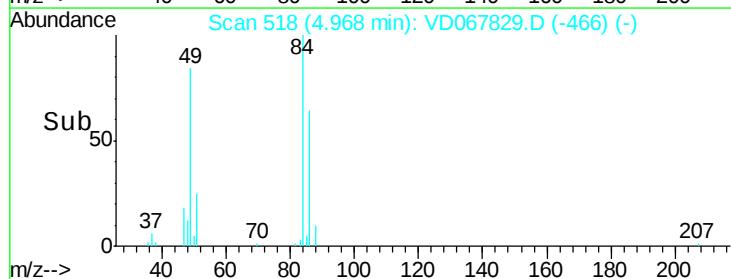
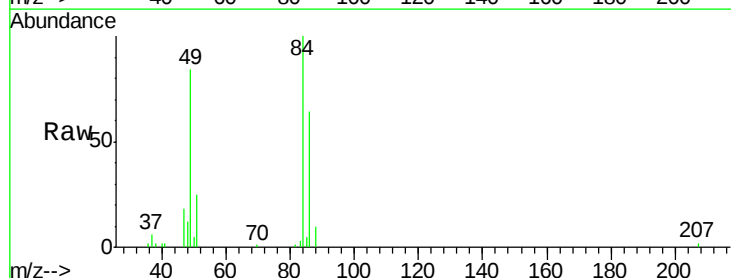
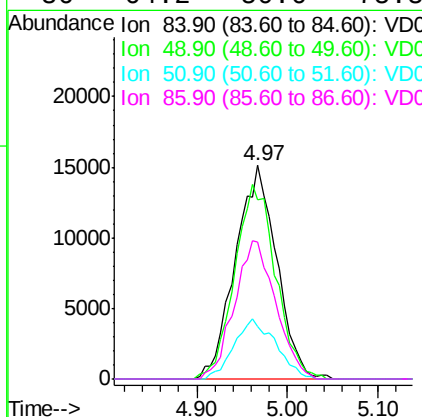
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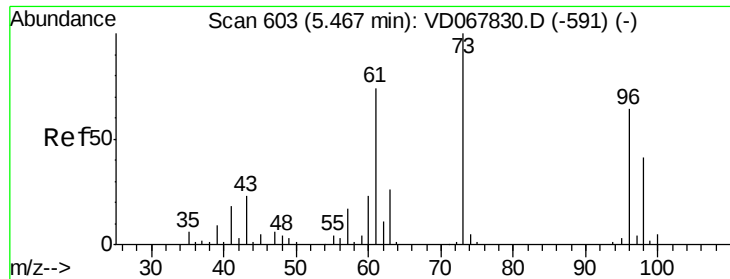
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#20
Methylene Chloride
Concen: 19.831 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion: 84 Resp: 47848
Ion Ratio Lower Upper
84 100
49 83.7 71.4 107.0
51 24.9 21.8 32.8
86 64.2 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 20.152 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tot Ion: 96 Resp: 45503

Ion Ratio Lower Upper

96 100

61 107.8 93.1 139.7

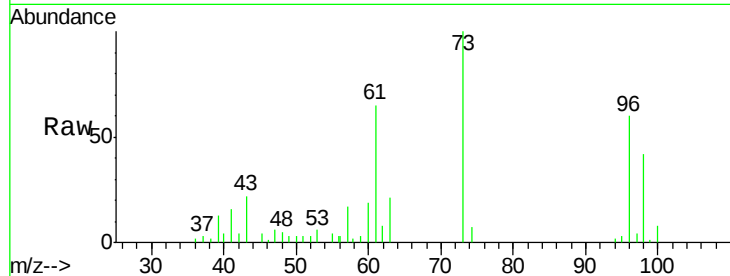
98 70.9 52.2 78.2

Manual Integrations

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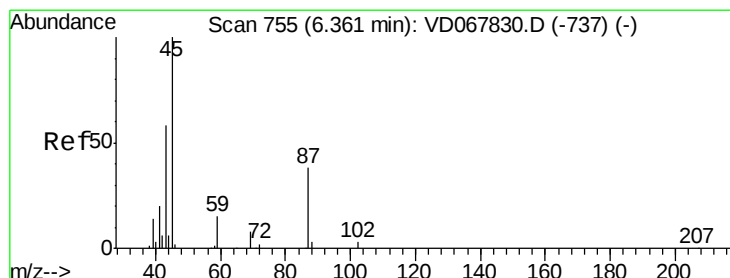
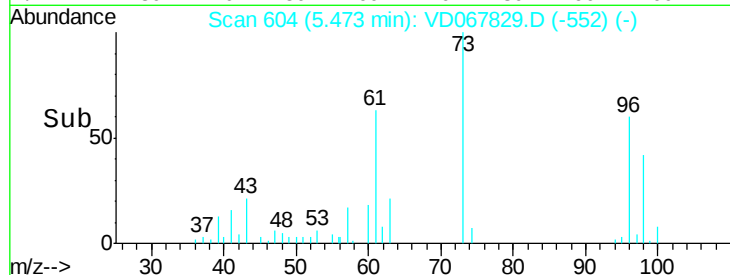
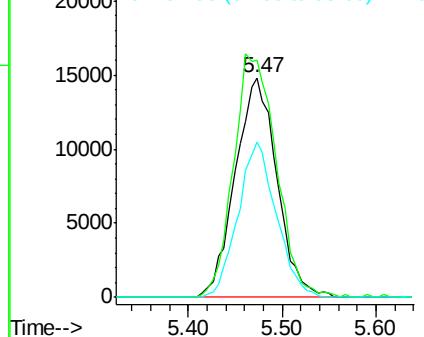
12/2/2020 12:23:57 PM



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 20.549 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Tgt Ion: 45 Resp: 75866

Ion Ratio Lower Upper

45 100

43 65.2 49.8 74.6

87 47.6 32.1 48.1

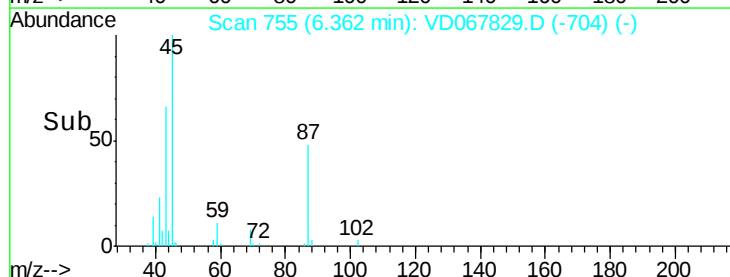
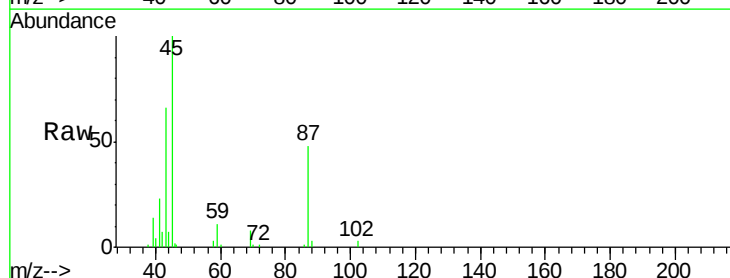
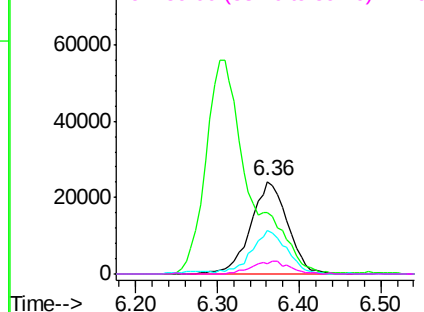
59 11.5 11.9 17.9#

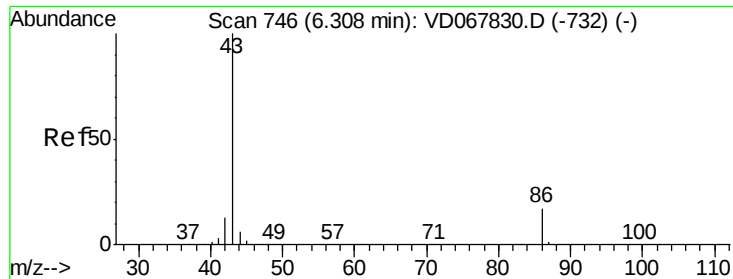
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 101.004 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 207455

Ion Ratio Lower Upper

43 100

86 16.7

13.8

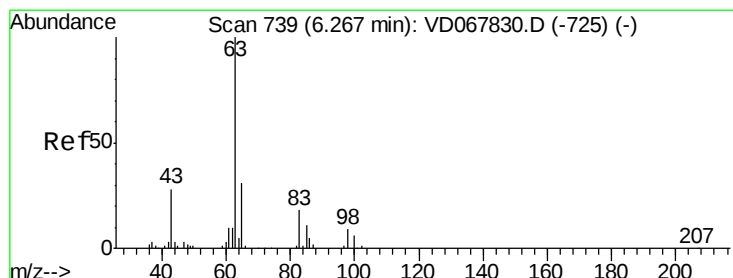
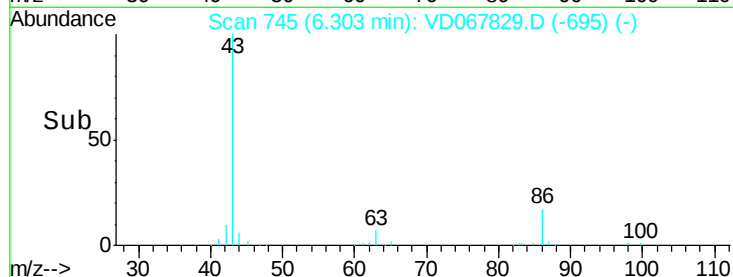
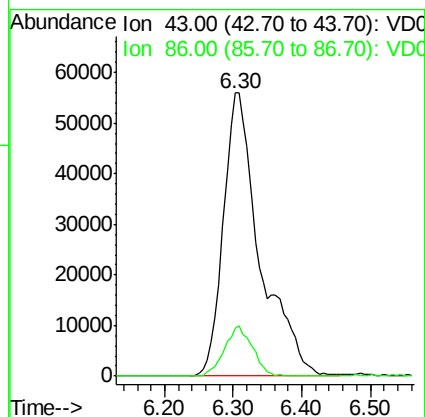
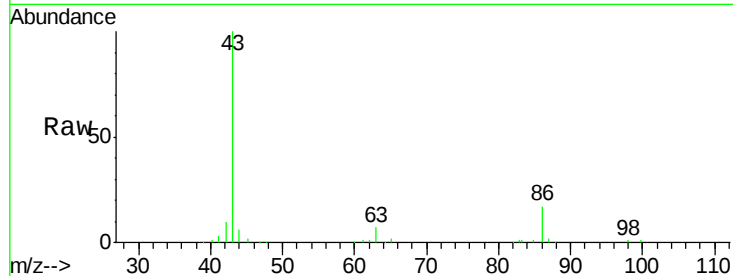
20.6

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#24

1,1-Dichloroethane

Concen: 19.800 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Tgt Ion: 63 Resp: 64080

Ion Ratio Lower Upper

63 100

98 8.6

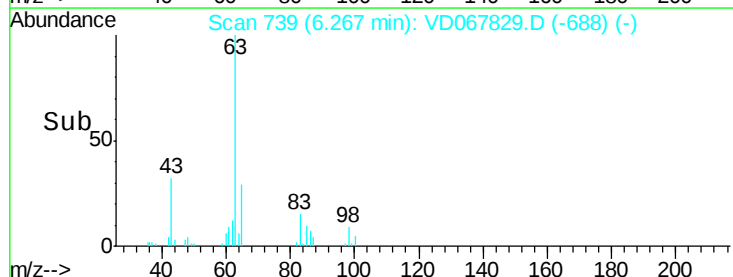
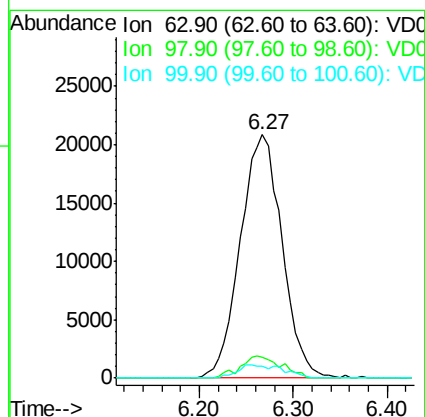
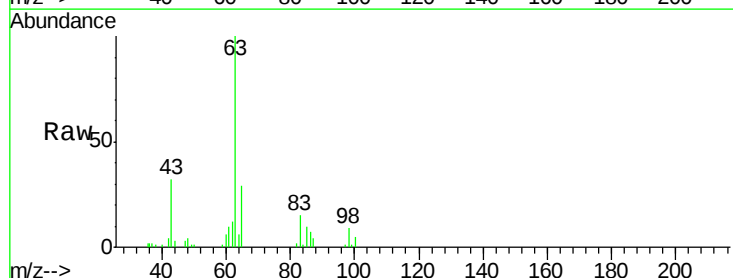
4.5

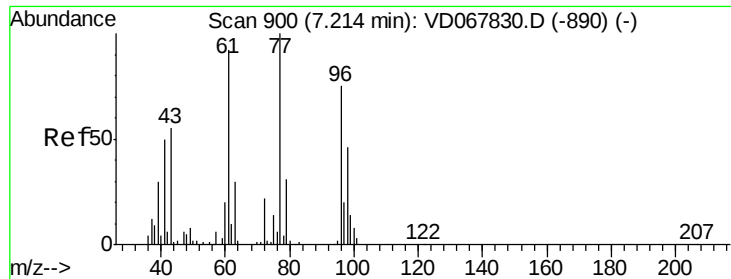
13.5

100 4.7

3.0

9.2





#25

2-Butanone

Concen: 101.021 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 33753

Ion Ratio Lower Upper

43 100

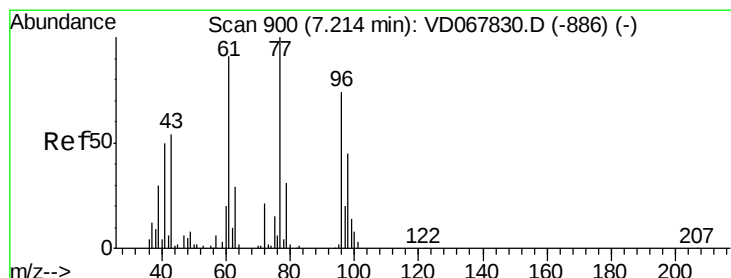
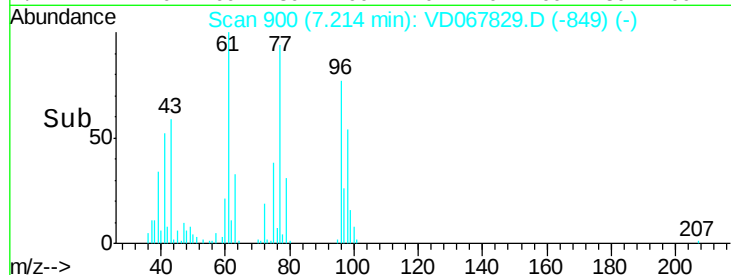
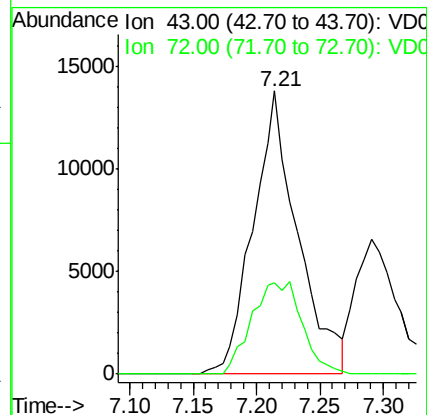
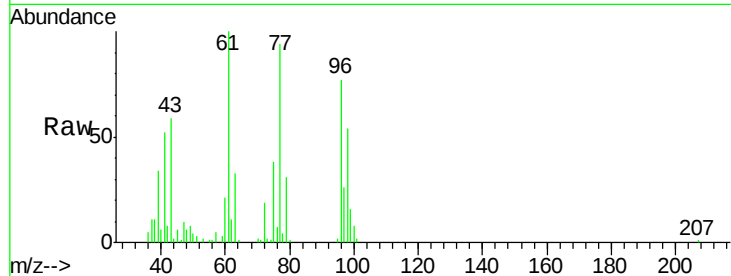
72 32.4 31.3 46.9

Manual Integrations

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12/2/2020 12:23:57 PM



#26

2,2-Dichloropropane

Concen: 19.572 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD067829.D

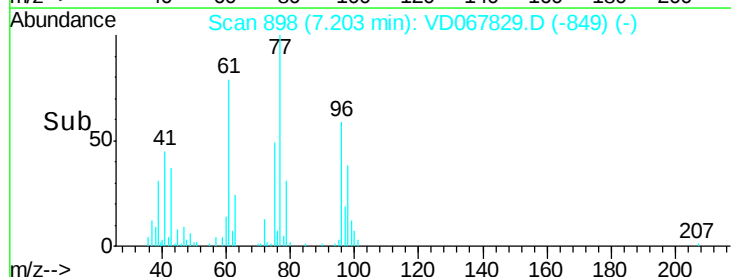
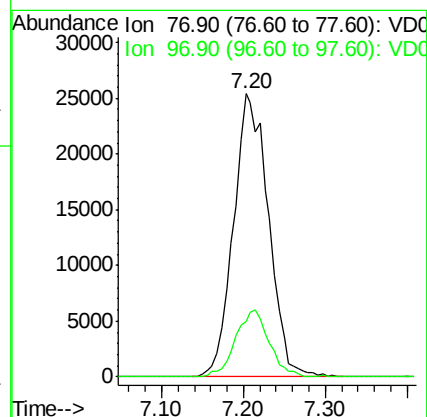
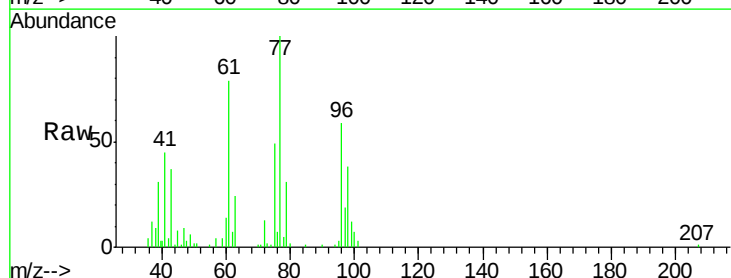
Acq: 01 Dec 2020 11:28

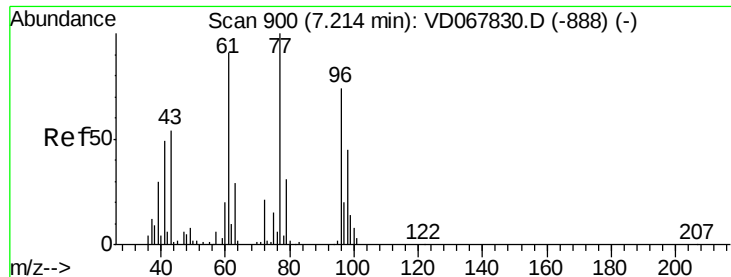
Tgt Ion: 77 Resp: 75534

Ion Ratio Lower Upper

77 100

97 22.5 11.1 33.1





#27

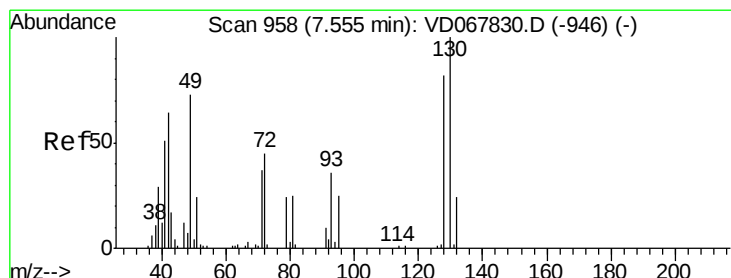
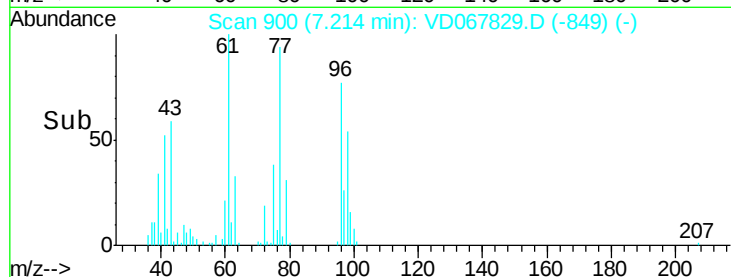
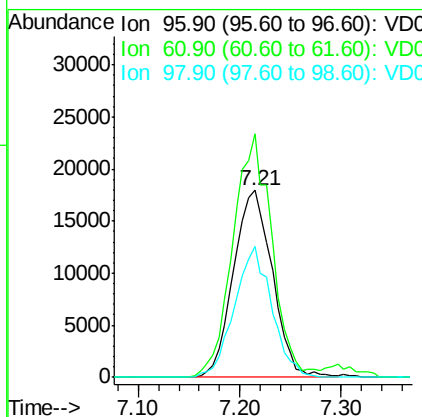
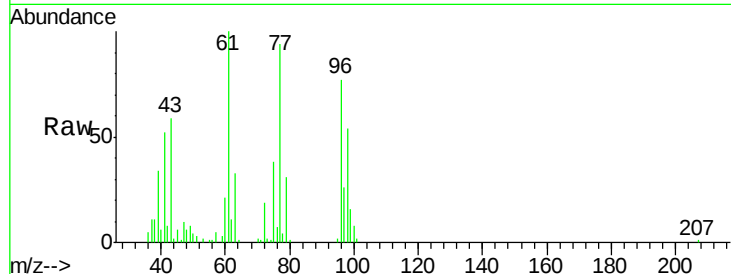
cis-1,2-Dichloroethene
Concen: 19.398 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.1	0.0	248.4
98	67.0	0.0	127.4

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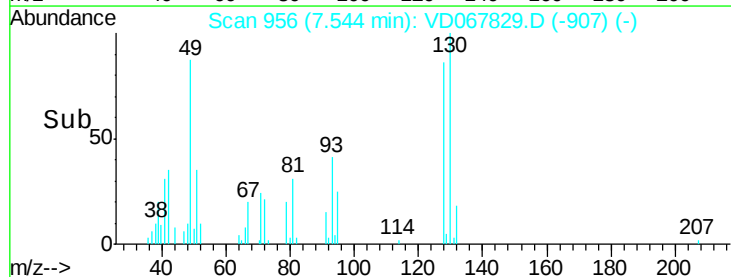
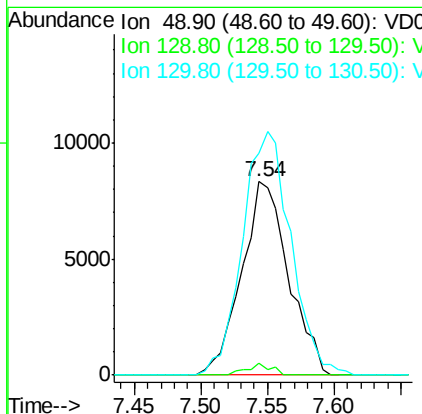
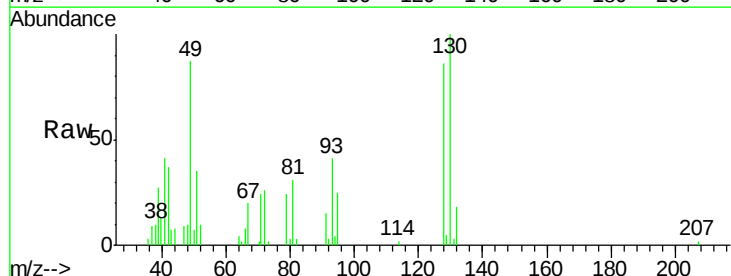
MMDadoda
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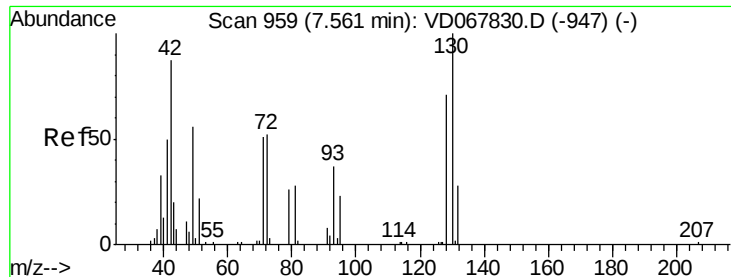


#28

Bromochloromethane
Concen: 19.788 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	3.4
130	130.2	110.2	165.2





#29

Tetrahydrofuran

Concen: 107.878 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Instrument :

MSVOA_D

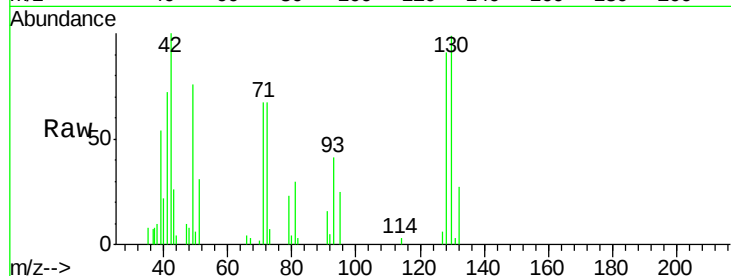
ClientSampleId :

VSTDIC020

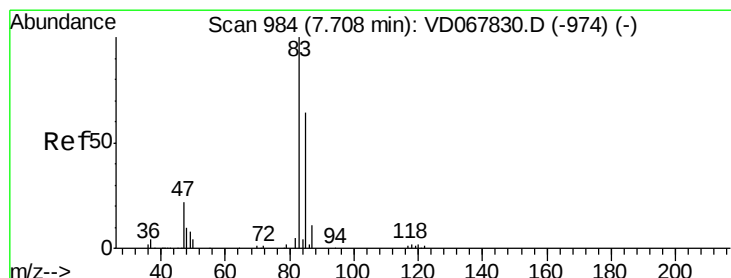
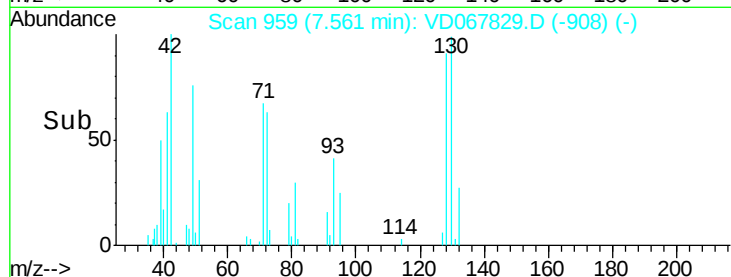
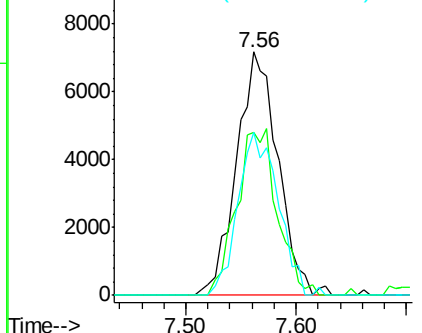
Tot Ion:	42	Resp:	18868
Ion	Ratio	Lower	Upper
42	100		
72	67.4	51.9	77.9
71	64.9	48.2	72.4

Manual Integrations
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Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 19.855 ug/l

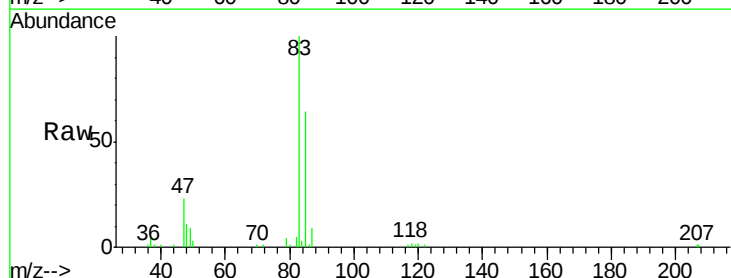
RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

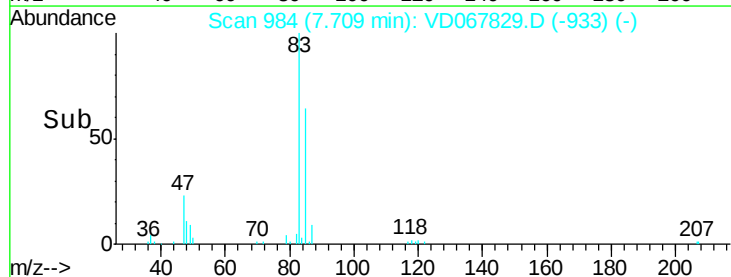
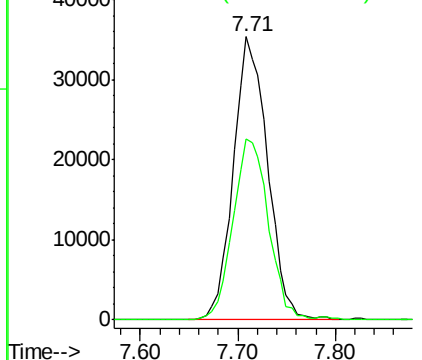
Lab File: VD067829.D

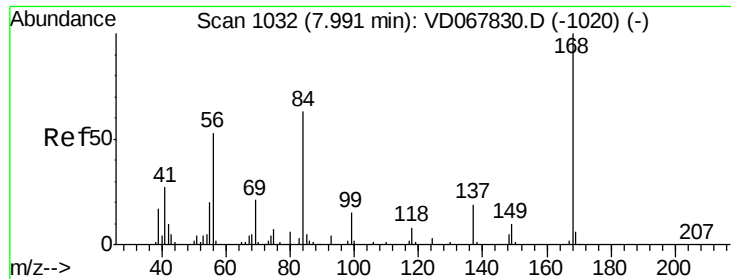
Acq: 01 Dec 2020 11:28

Tgt Ion:	83	Resp:	85876
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.0	76.4



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





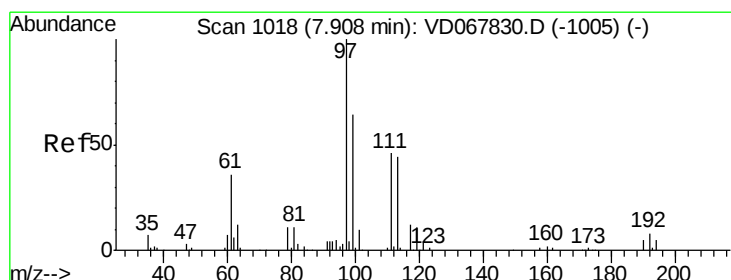
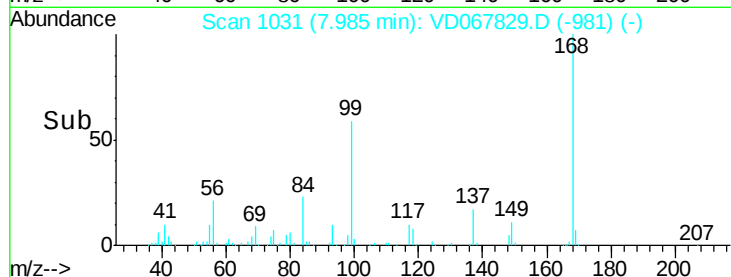
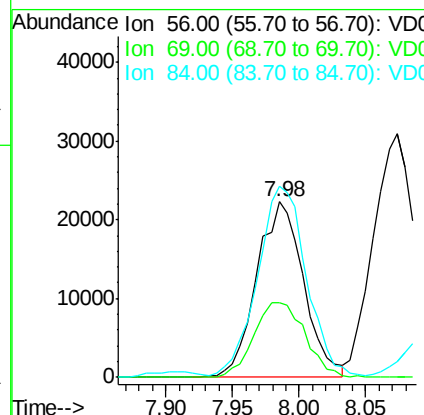
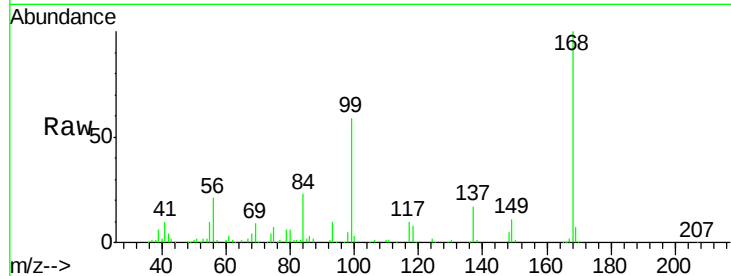
#31
Cyclohexane
Concen: 20.104 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion	56	Resp	54450
Ion Ratio	Lower	Upper	
56	100		
69	42.6	32.1	48.1
84	106.8	93.2	139.8

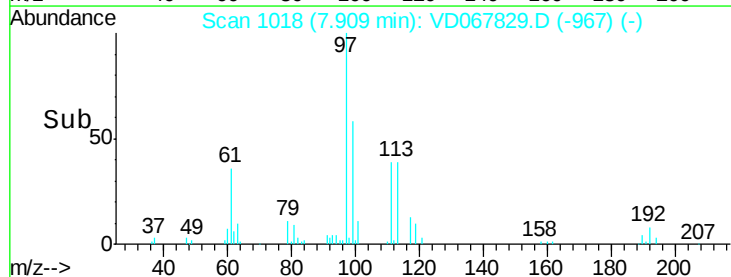
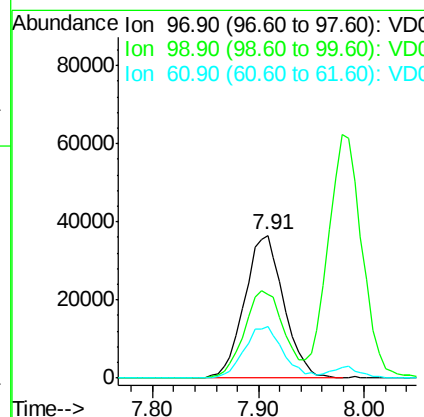
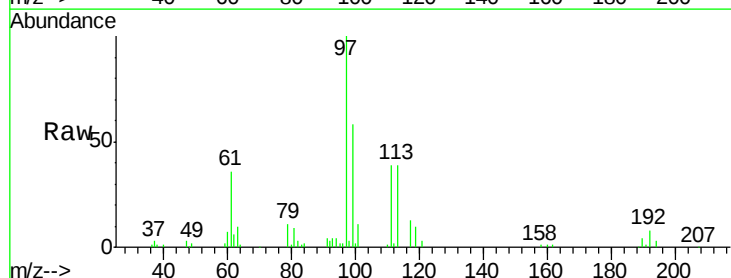
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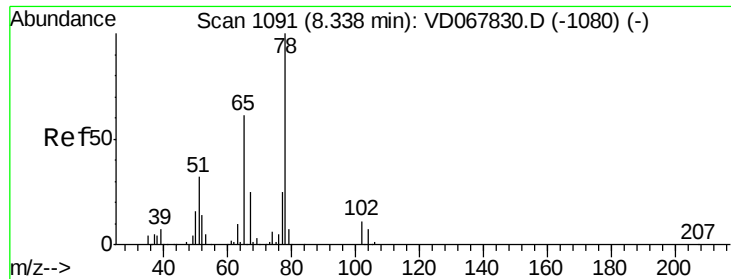
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#32
1,1,1-Trichloroethane
Concen: 20.604 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion	97	Resp	94069
Ion Ratio	Lower	Upper	
97	100		
99	63.1	51.4	77.2
61	36.1	30.8	46.2





#33

1,2-Dichloroethane-d4

Concen: 19.713 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tot Ion: 65 Resp: 50677

Ion Ratio Lower Upper

65 100

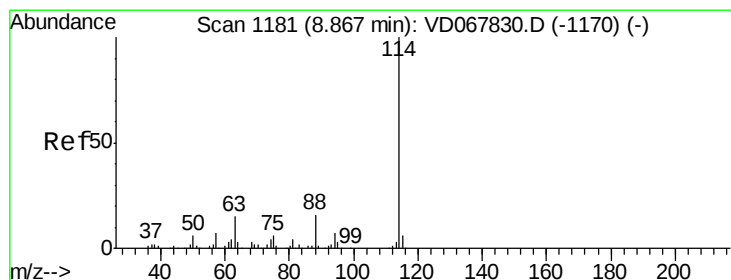
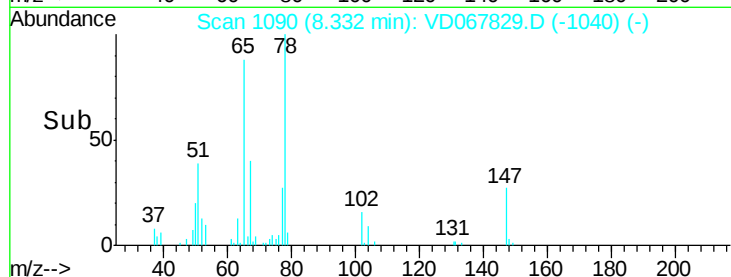
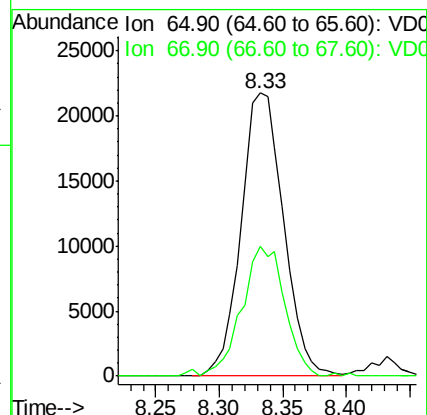
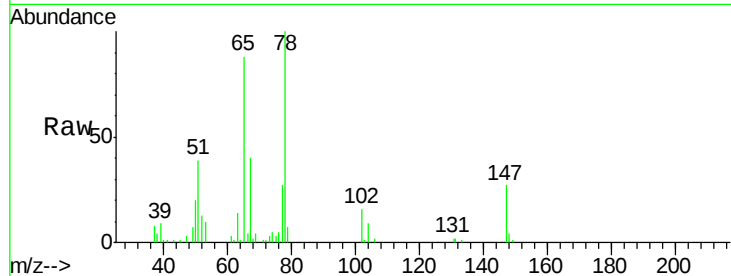
67 46.1 0.0 92.0

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12/2/2020 12:23:57 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

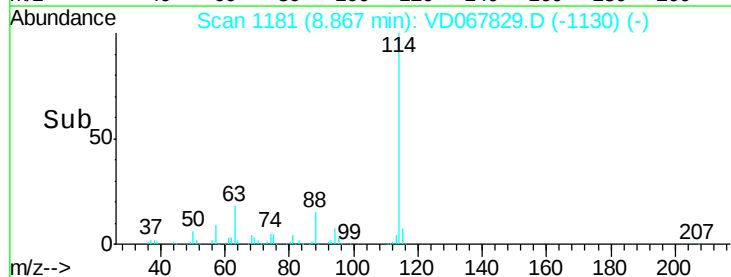
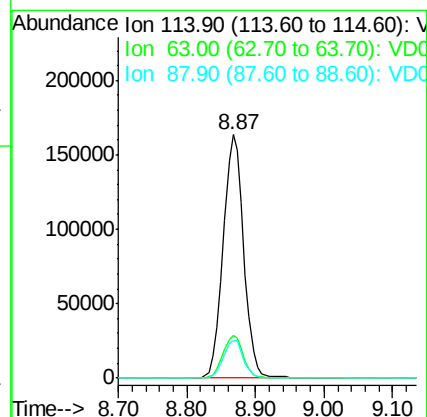
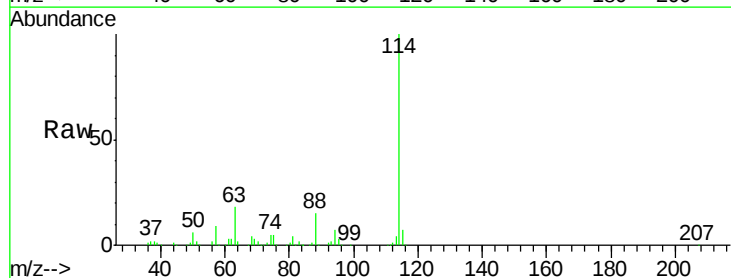
Tgt Ion:114 Resp: 338101

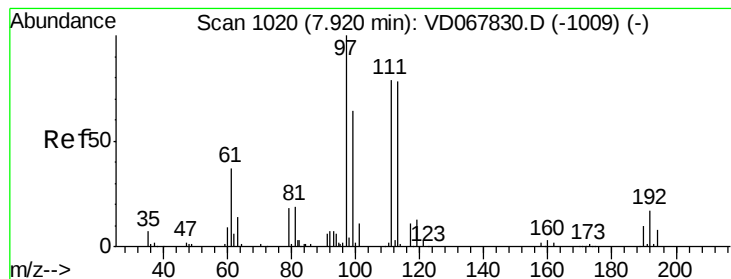
Ion Ratio Lower Upper

114 100

63 17.5 0.0 30.8

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 19.852 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Instrument :

MSVOA_D

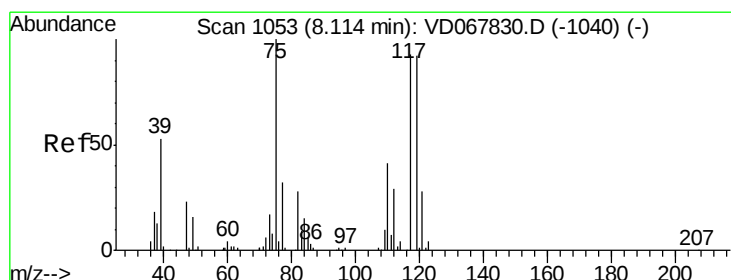
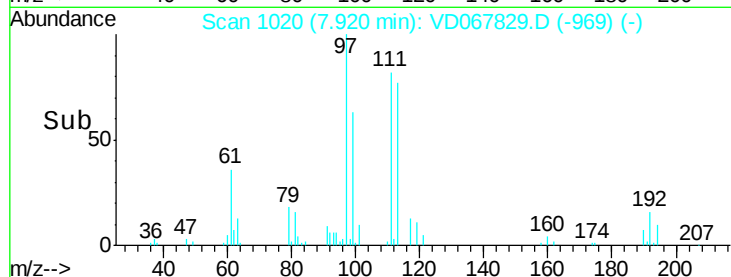
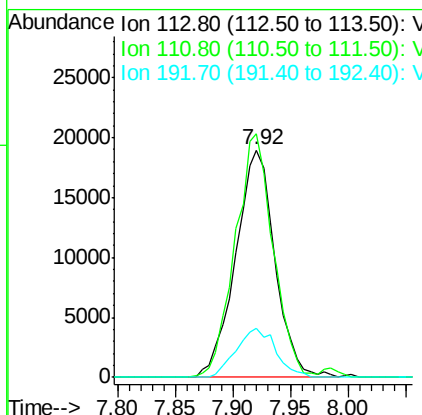
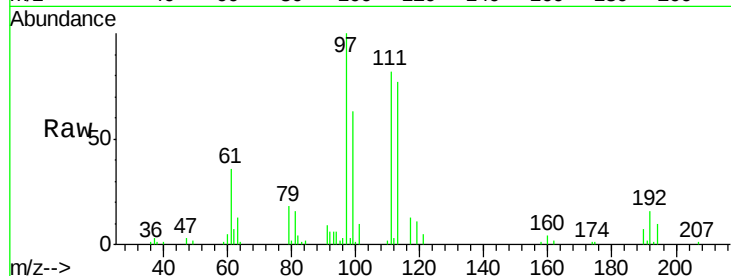
ClientSampleId :

VSTDIC020

Tot Ion:	113	Resp:	44913
Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.2	121.8
192	21.5	16.8	25.2

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#36

1,1-Dichloropropene

Concen: 20.042 ug/l

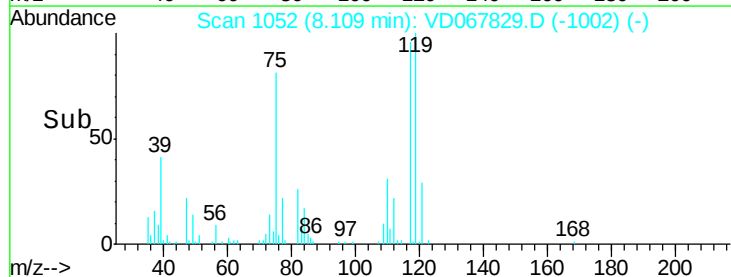
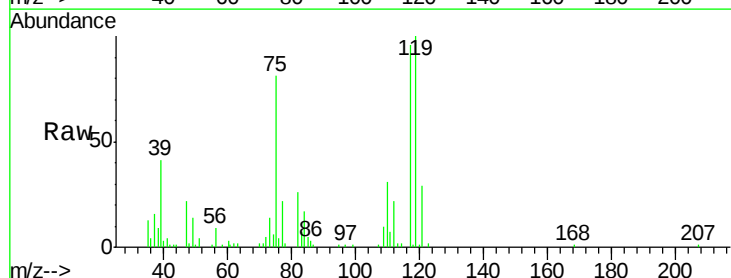
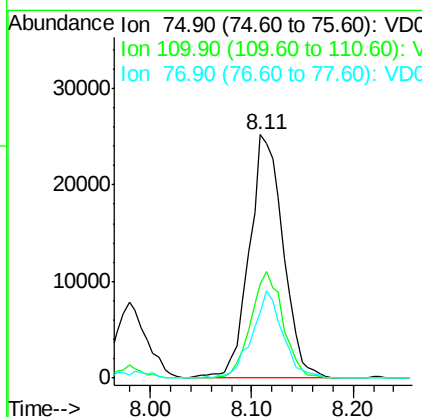
RT: 8.11 min Scan# 1052

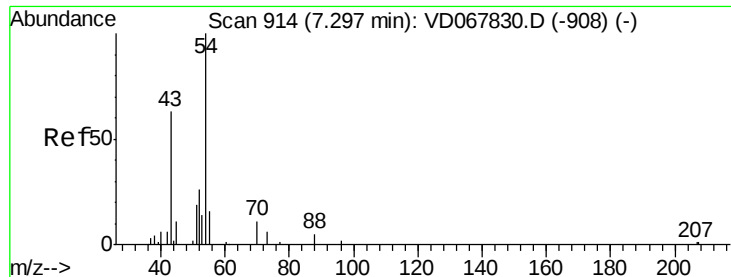
Delta R.T. -0.01 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Tgt Ion:	75	Resp:	58662
Ion	Ratio	Lower	Upper
75	100		
110	41.7	20.3	61.0
77	32.3	24.7	37.1





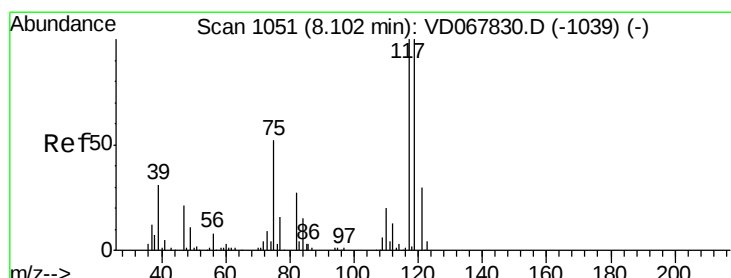
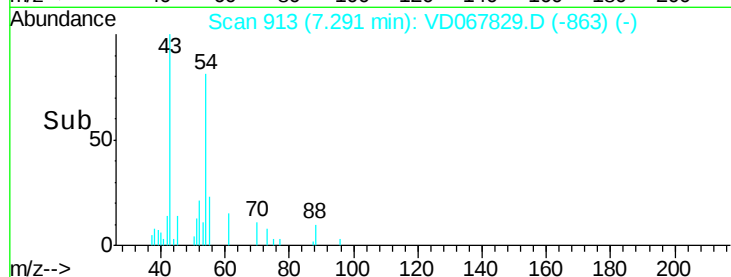
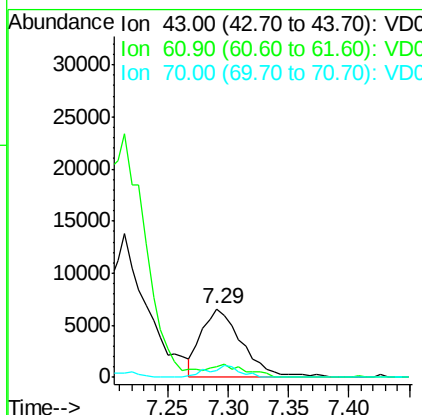
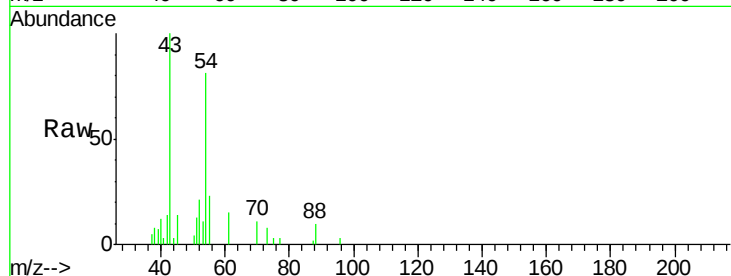
#37
Ethyl Acetate
Concen: 22.667 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.4	17.2
70	13.4	11.5	17.3

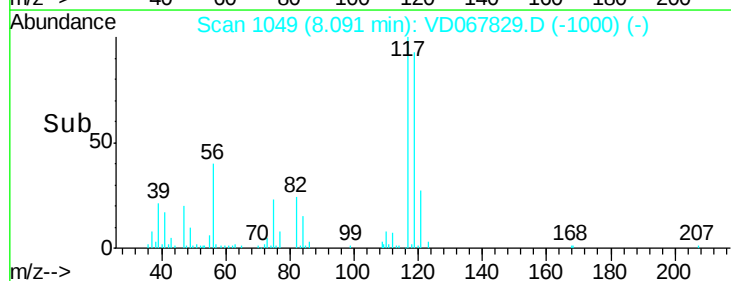
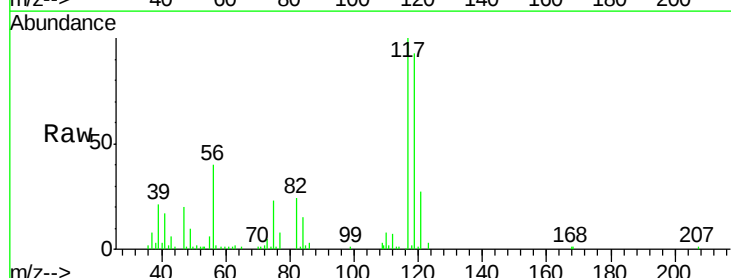
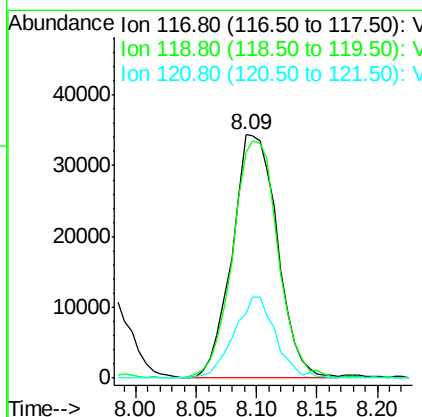
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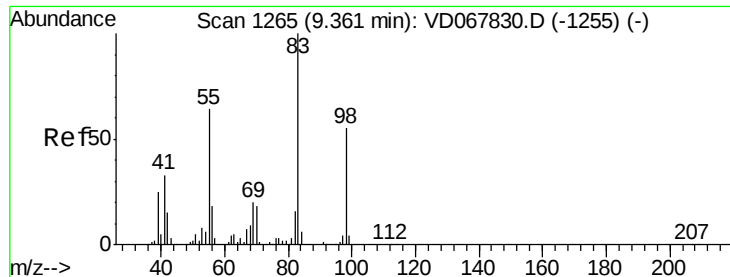
MMDadoda
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#38
Carbon Tetrachloride
Concen: 20.284 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	79.7	119.5
121	26.6	23.8	35.6





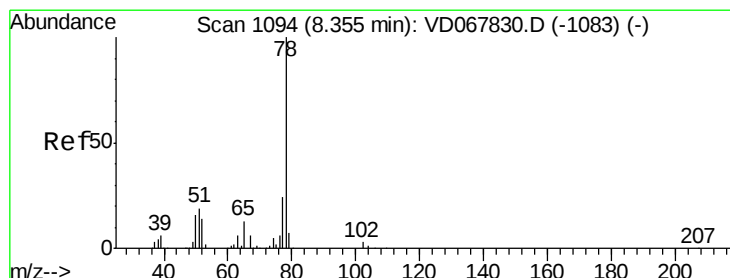
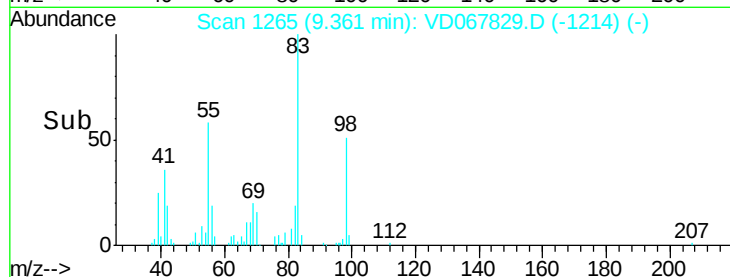
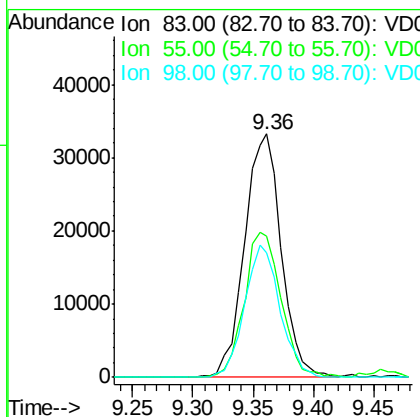
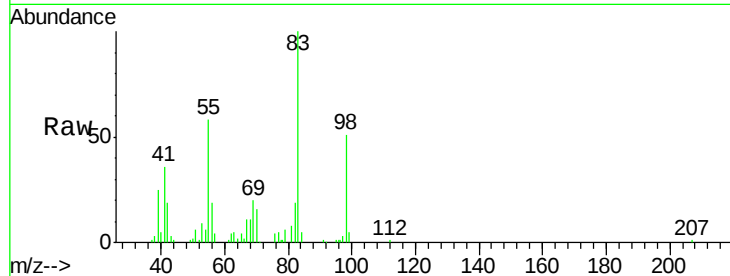
#39
Methvlcvclohexane
Concen: 20.184 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	57.9	51.6	77.4
98	51.0	44.3	66.5

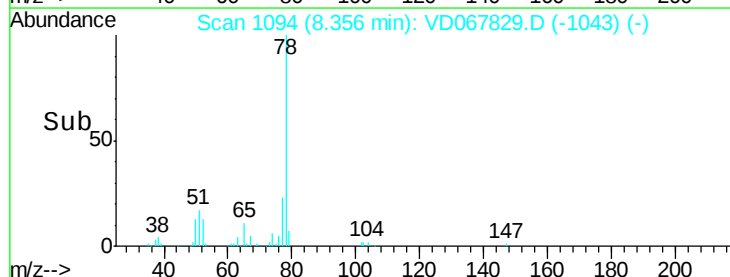
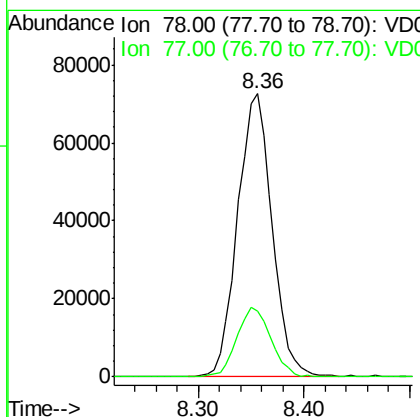
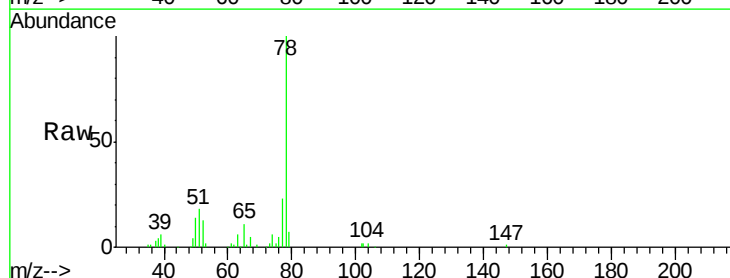
Manual Integrations
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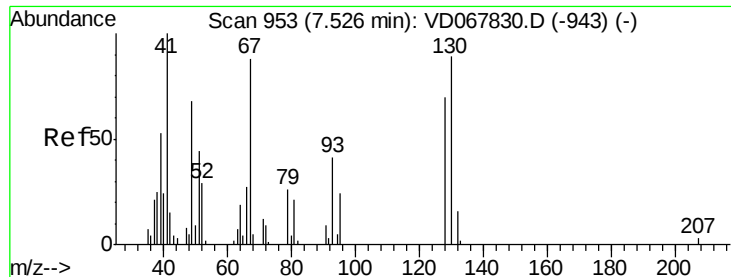
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#40
Benzene
Concen: 20.526 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.1	28.7





#41

Methacrylonitrile

Concen: 25.682 ug/l m

RT: 7.54 min Scan# 955

Delta R.T. 0.01 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tot Ion: 41 Resp: 9850

Ion Ratio Lower Upper

41 100

39 110.6 42.1 63.1#

67 0.0 82.4 123.6#

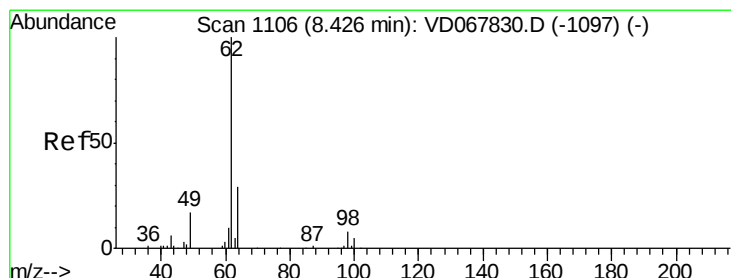
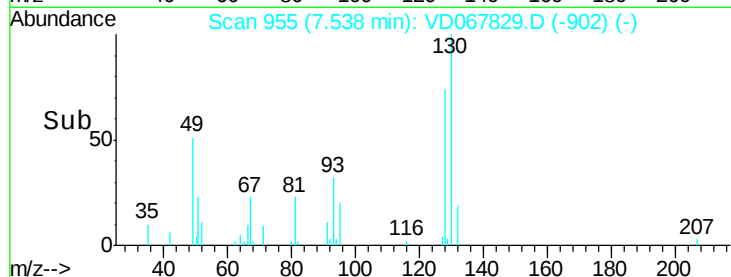
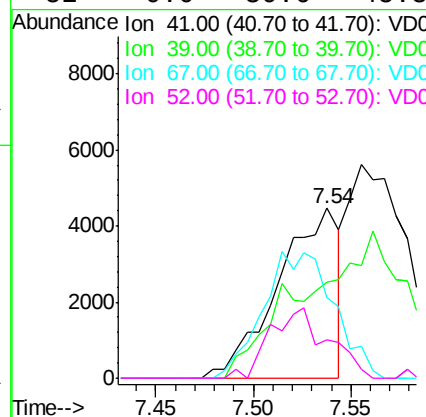
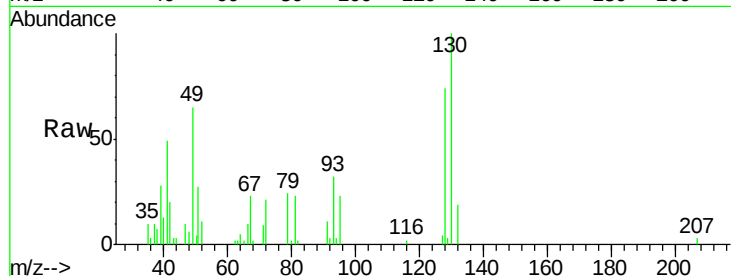
52 0.0 30.6 45.8#

Manual Integrations

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12/2/2020 12:23:57 PM



#42

1,2-Dichloroethane

Concen: 20.209 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067829.D

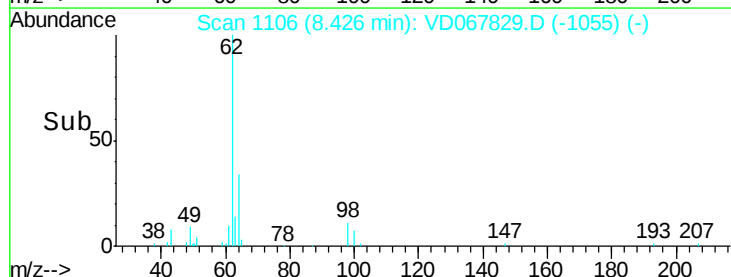
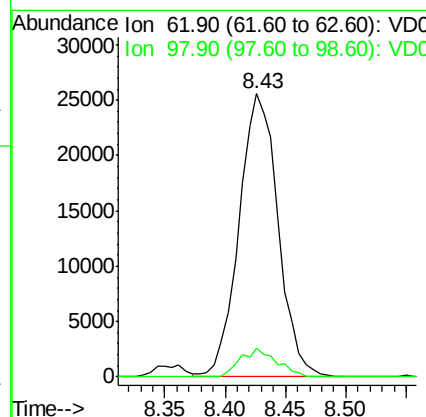
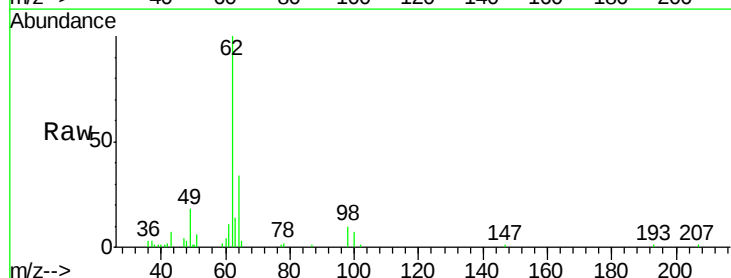
Acq: 01 Dec 2020 11:28

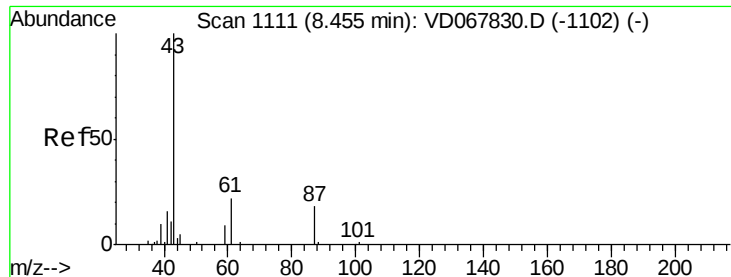
Tgt Ion: 62 Resp: 57684

Ion Ratio Lower Upper

62 100

98 9.4 0.0 17.2





#43

Isopropyl Acetate

Concen: 19.817 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Instrument :

MSVOA_D

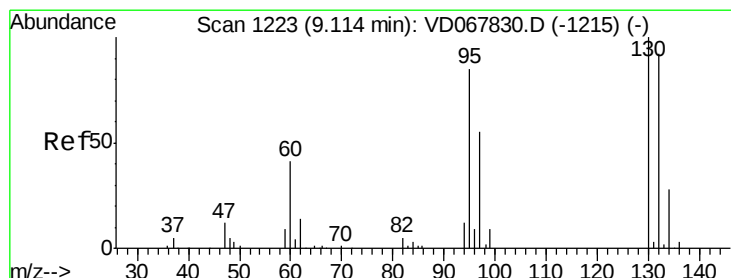
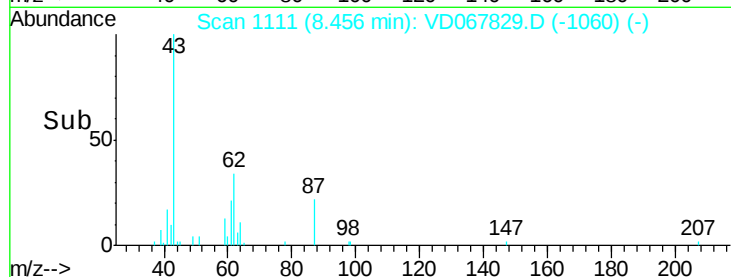
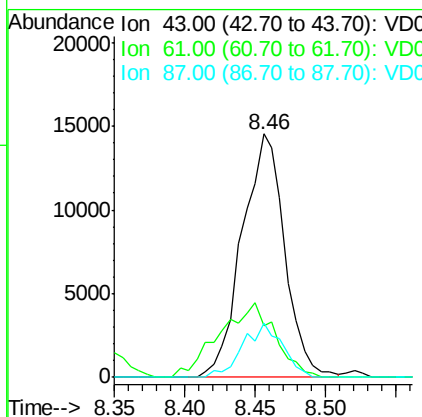
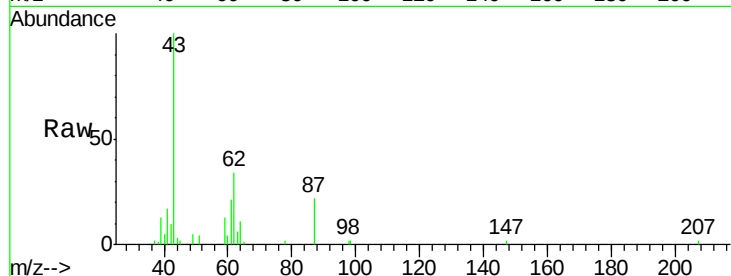
ClientSampleId :

VSTDIC020

Tot Ion:	43	Resp:	30759
Ion	Ratio	Lower	Upper
43	100		
61	40.0	30.4	45.6
87	20.7	16.2	24.2

Manual Integrations
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#44

Trichloroethene

Concen: 20.598 ug/l

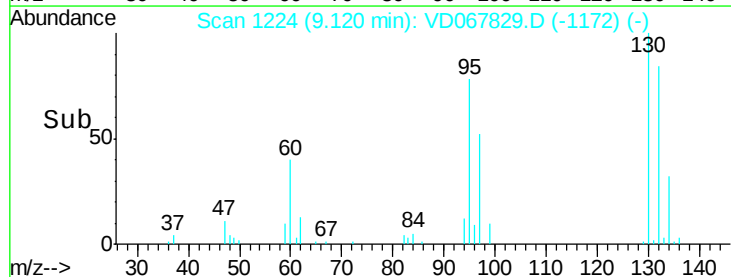
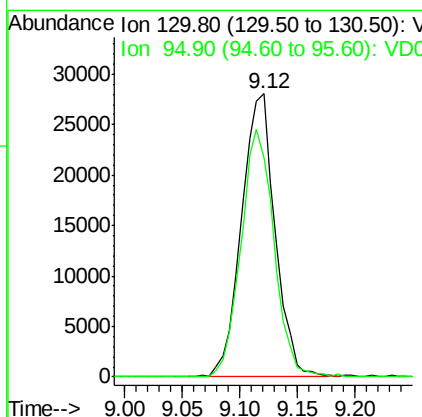
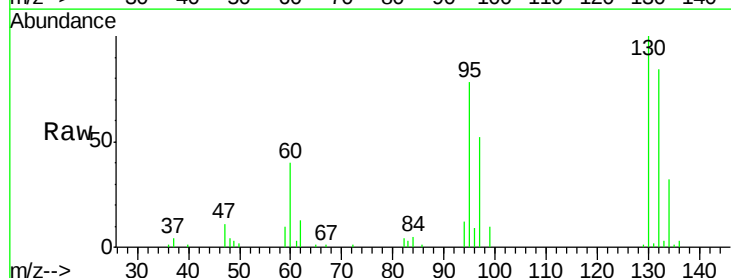
RT: 9.12 min Scan# 1224

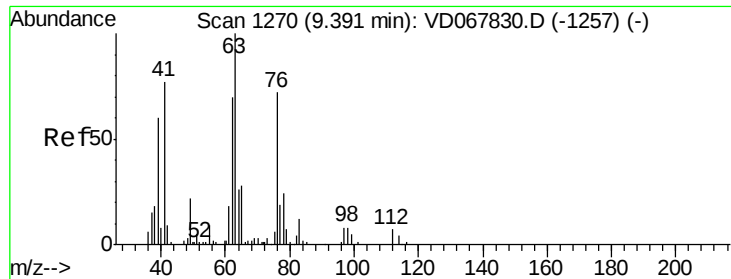
Delta R.T. 0.01 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Tgt Ion:	130	Resp:	56718
Ion	Ratio	Lower	Upper
130	100		
95	77.7	0.0	170.2





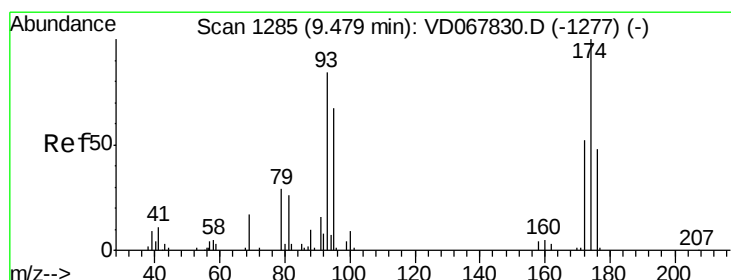
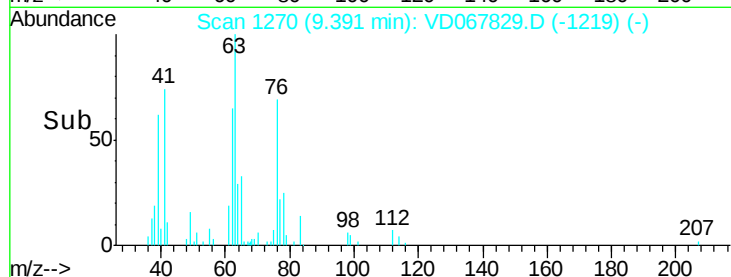
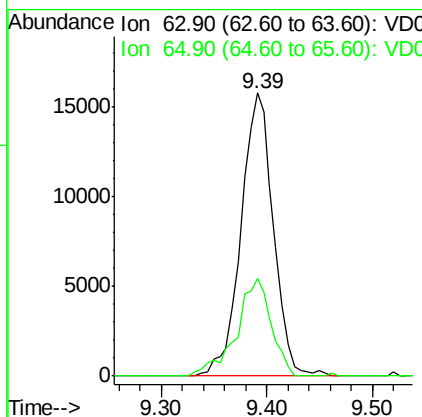
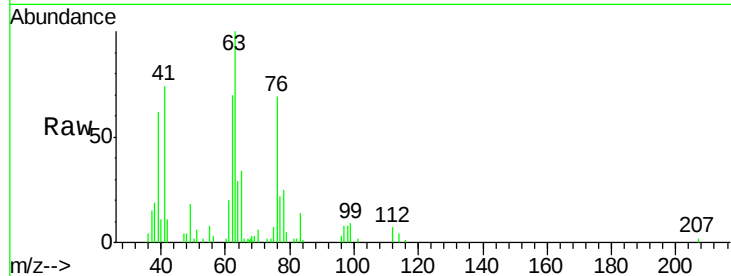
#45
 1,2-Dichloropropane
 Concen: 20.315 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067829.D
 Acq: 01 Dec 2020 11:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tot Ion: 63 Resp: 33393
 Ion Ratio Lower Upper
 63 100
 65 34.3 22.8 34.2#

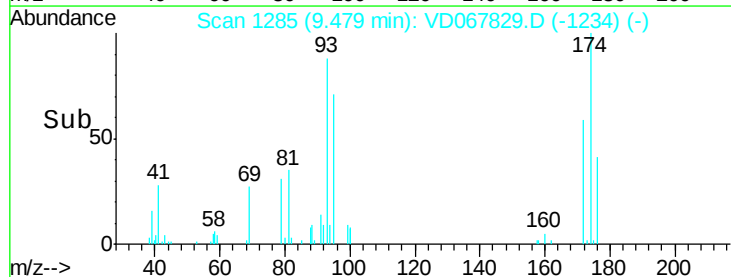
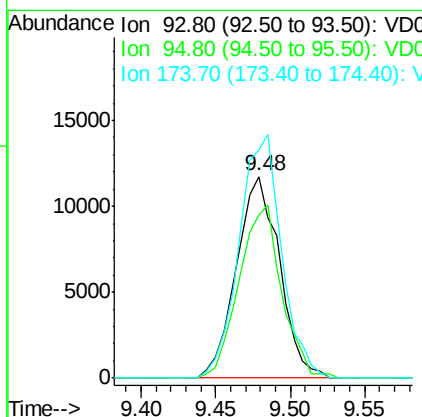
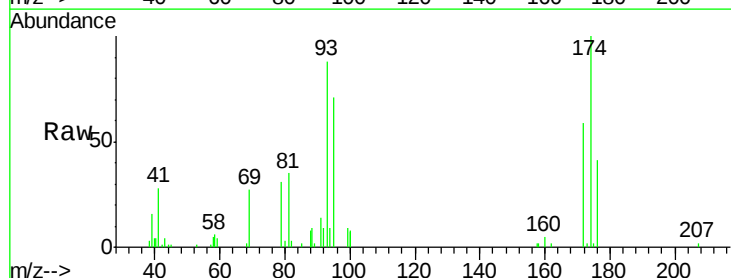
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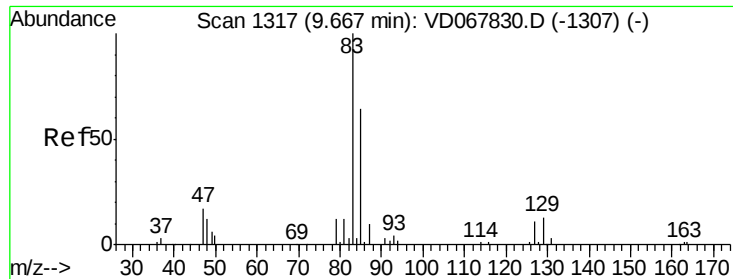
MMDadoda
 12/2/2020 12:23:57 PM



#46
 Dibromomethane
 Concen: 20.545 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067829.D
 Acq: 01 Dec 2020 11:28

Tgt Ion: 93 Resp: 23480
 Ion Ratio Lower Upper
 93 100
 95 84.6 64.2 96.4
 174 119.1 91.5 137.3





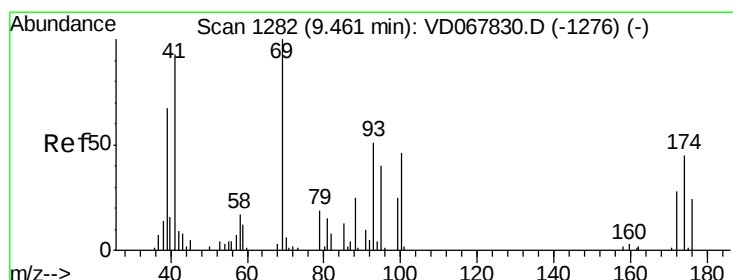
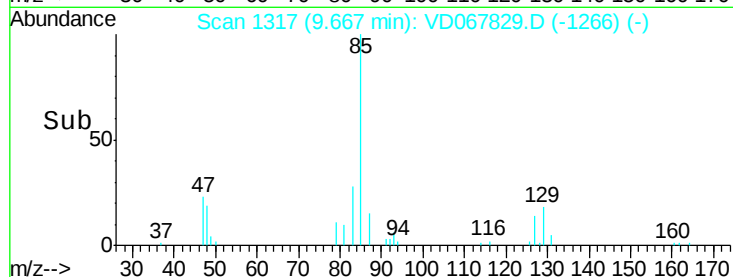
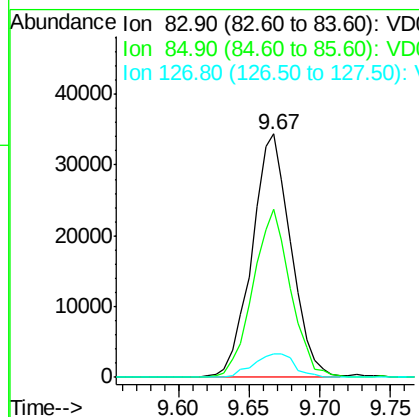
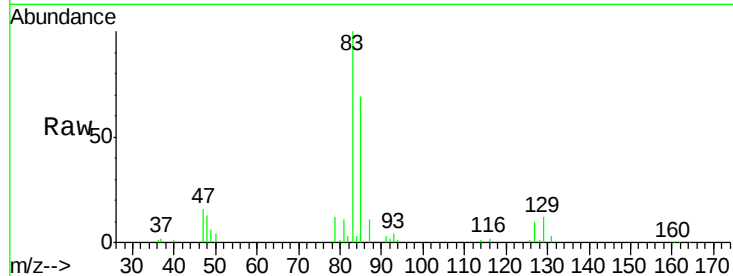
#47
Bromodichloromethane
Concen: 20.384 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
83	100	66416		
85	69.2	51.4	77.0	
127	9.8	8.5	12.7	

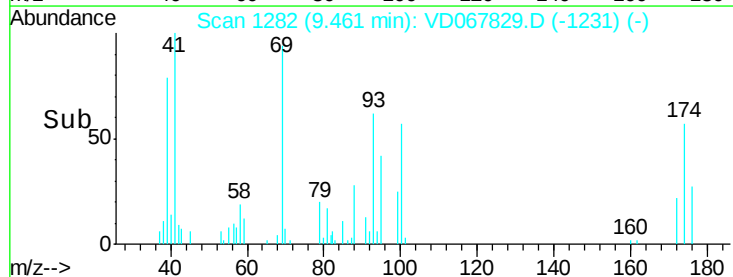
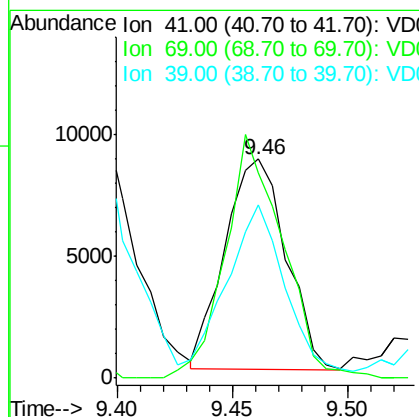
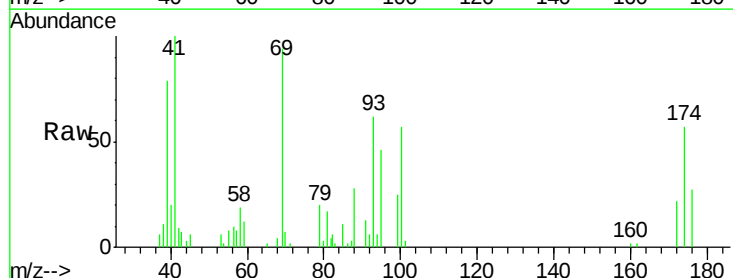
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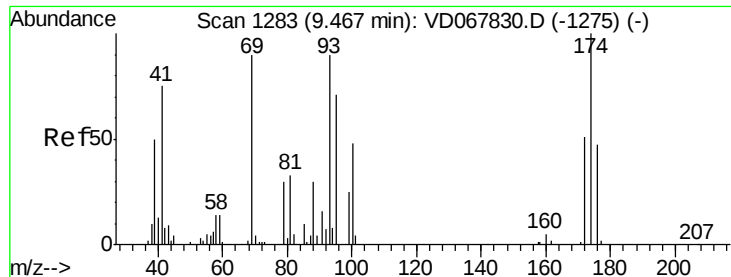
MMDadoda
12/2/2020 12:23:57 PM



#48
Methyl methacrylate
Concen: 20.236 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	15949		
69	108.6	87.6	131.4	
39	81.7	61.2	91.8	





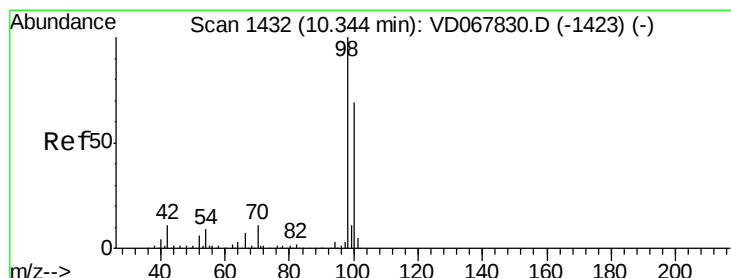
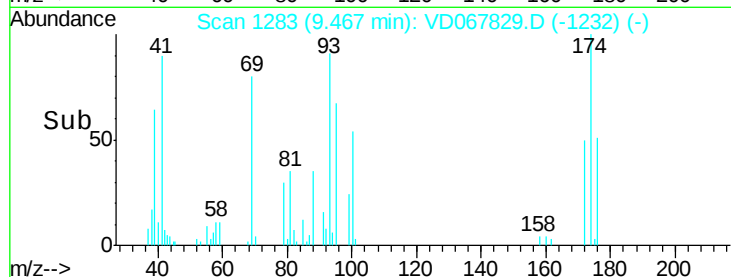
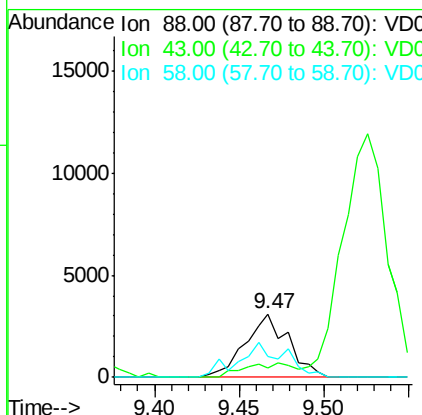
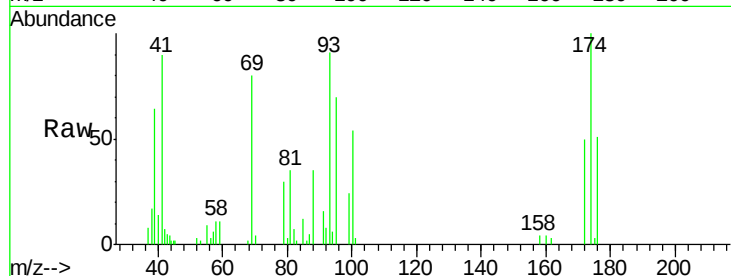
#49
1,4-Dioxane
Concen: 420.855 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	14.9	30.1	45.1#
58	59.7	42.4	63.6

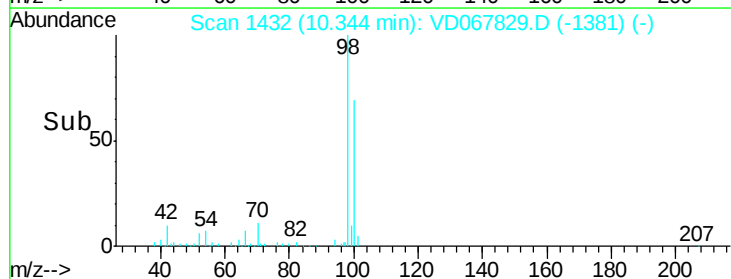
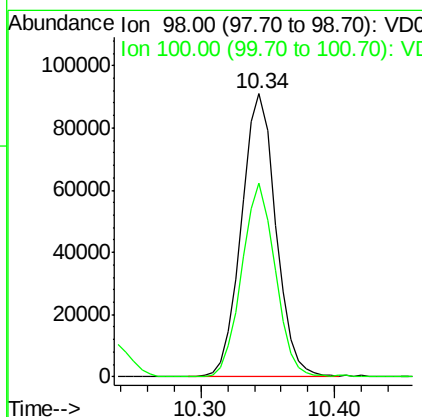
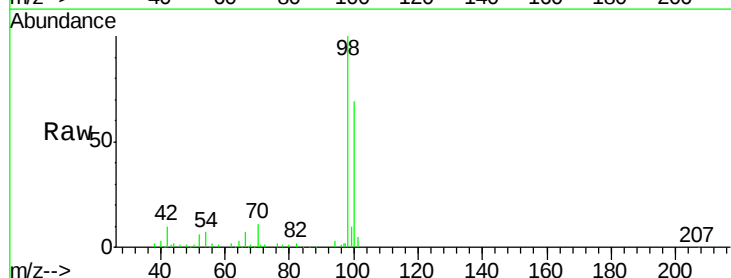
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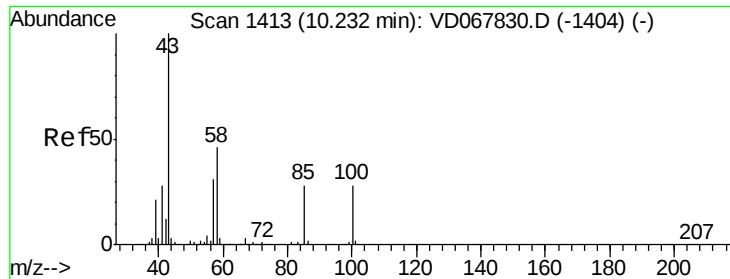
MMDadoda
12/2/2020 12:23:57 PM



#50
Toluene-d8
Concen: 19.951 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.9	79.3





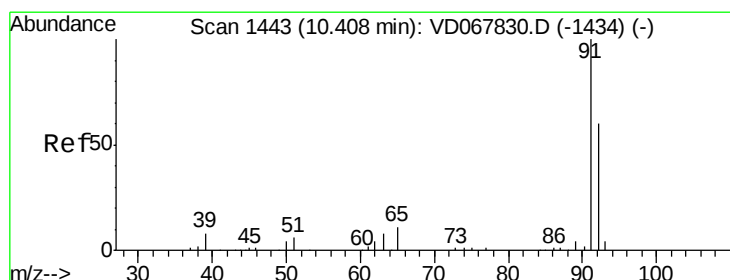
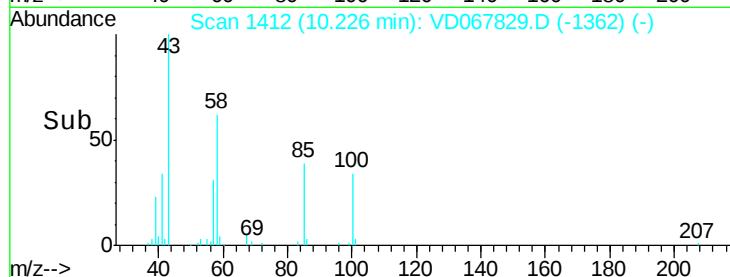
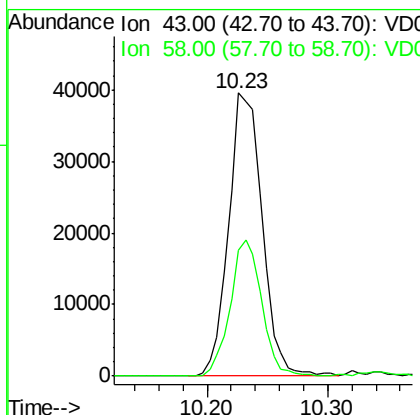
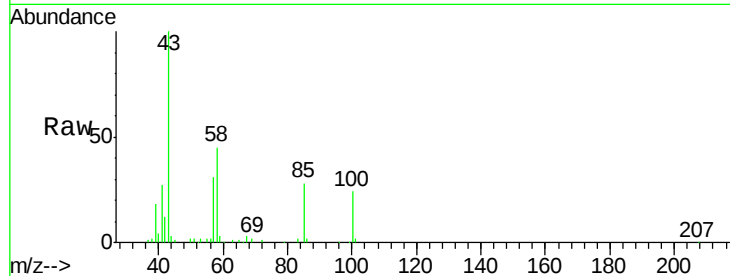
#51
4-Methyl-2-Pentanone
Concen: 104.539 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.01 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 76796
Ion Ratio Lower Upper
43 100
58 44.9 35.7 53.5

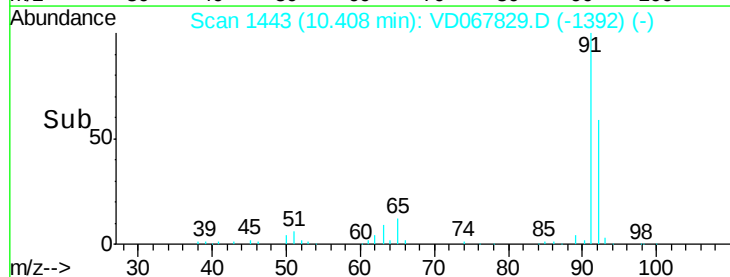
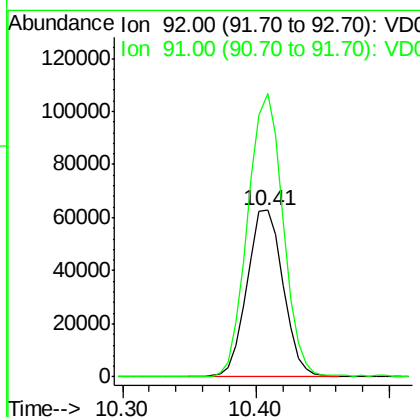
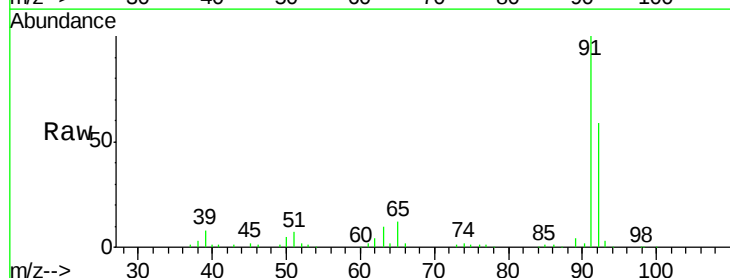
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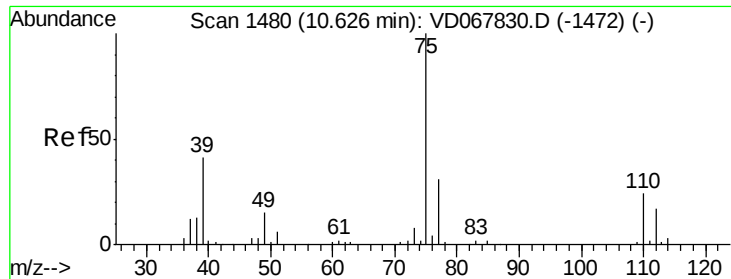
MMDadoda
12/2/2020 12:23:57 PM



#52
Toluene
Concen: 21.000 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion: 92 Resp: 117587
Ion Ratio Lower Upper
92 100
91 165.8 134.2 201.2





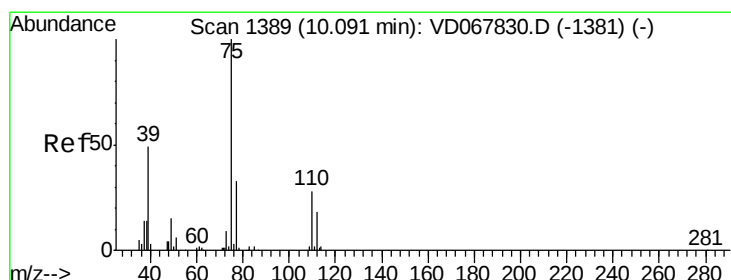
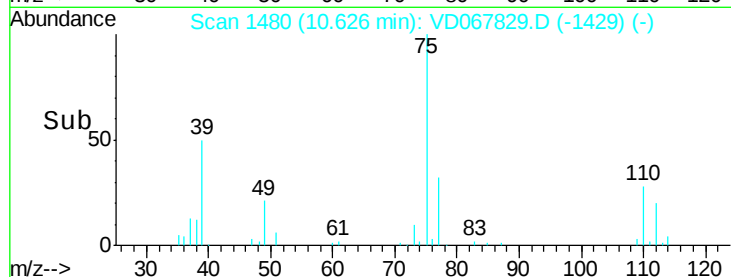
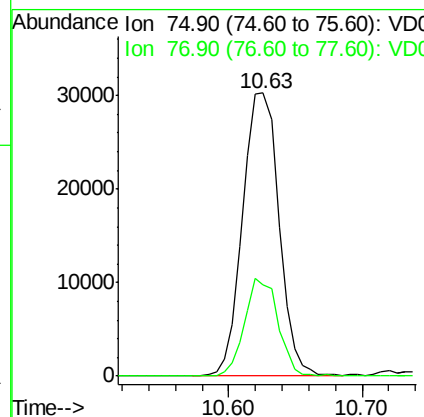
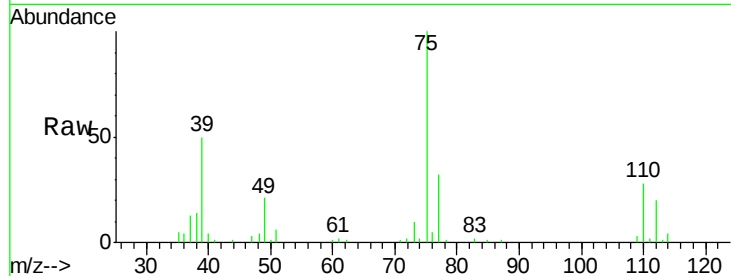
#53
t-1,3-Dichloropropene
Concen: 20.361 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion: 75 Resp: 57259
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4

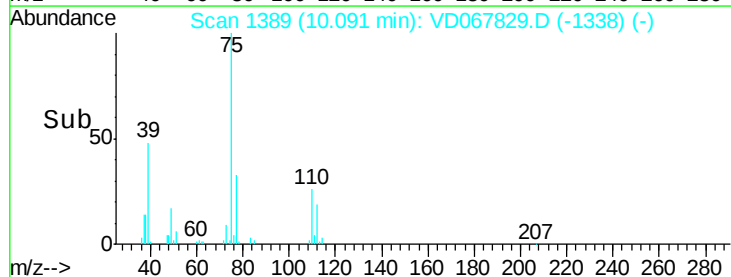
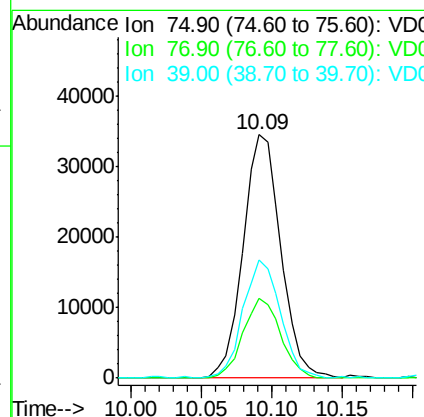
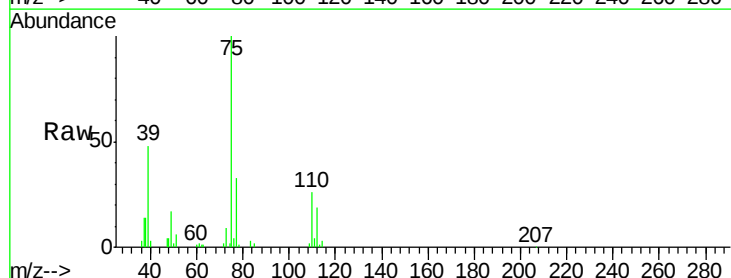
Manual Integrations
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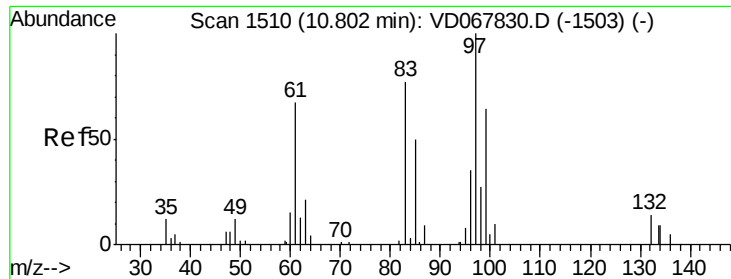
MMDadoda
12/2/2020 12:23:57 PM



#54
cis-1,3-Dichloropropene
Concen: 21.112 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion: 75 Resp: 64581
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.2
39 48.3 39.0 58.4





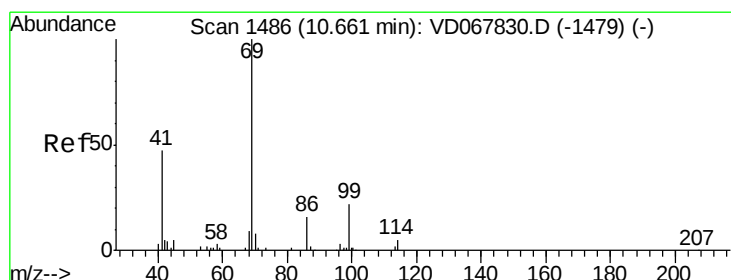
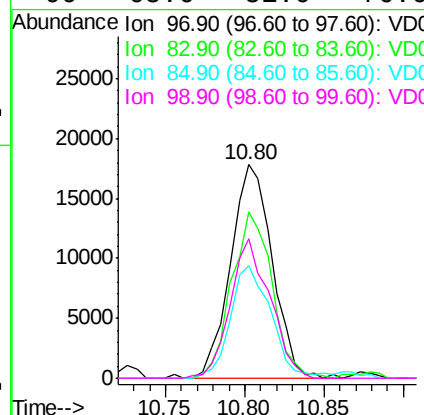
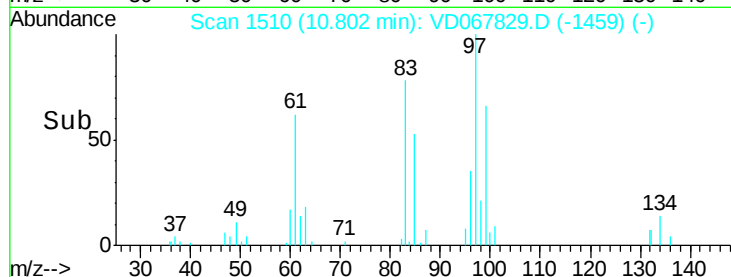
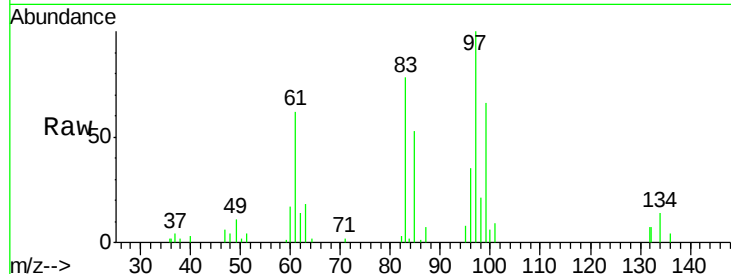
#55
 1,1,2-Trichloroethane
 Concen: 20.795 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067829.D
 Acq: 01 Dec 2020 11:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tot Ion	97	Resp	32525
Ion	Ratio	Lower	Upper
97	100		
83	77.7	61.9	92.9
85	52.5	40.2	60.4
99	65.6	51.0	76.6

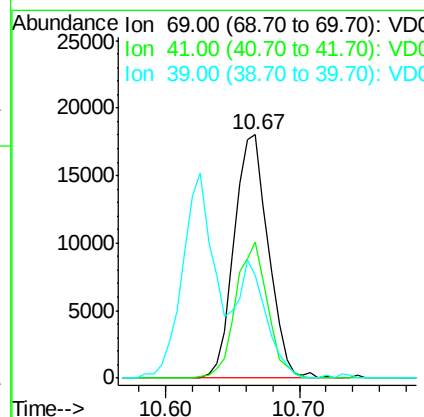
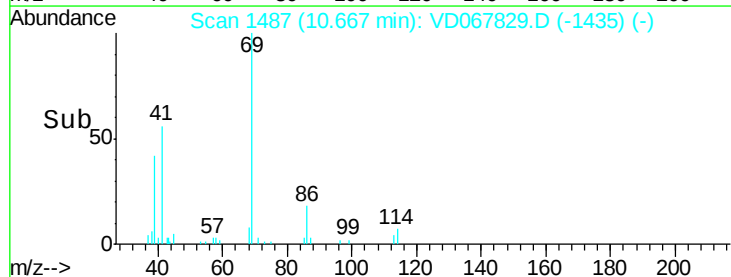
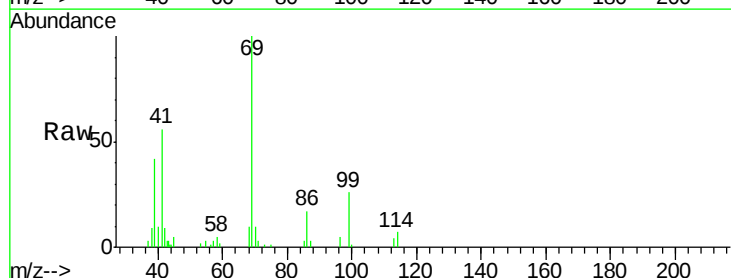
Manual Integrations
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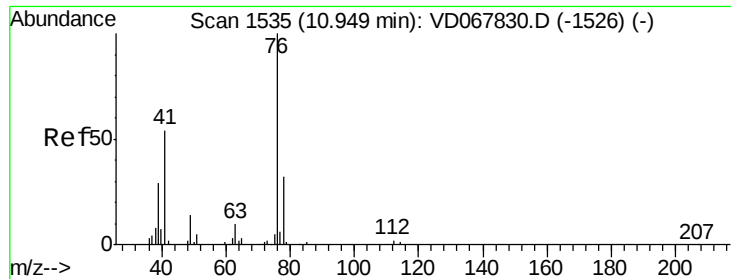
MMDadoda
 12/2/2020 12:23:57 PM



#56
 Ethyl methacrylate
 Concen: 20.234 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD067829.D
 Acq: 01 Dec 2020 11:28

Tgt Ion	69	Resp	32199
Ion	Ratio	Lower	Upper
69	100		
41	52.2	42.8	64.2
39	37.1	30.5	45.7





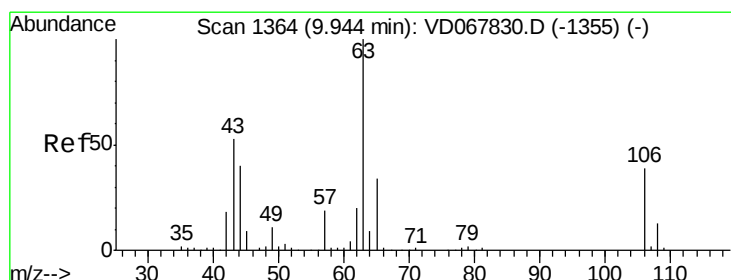
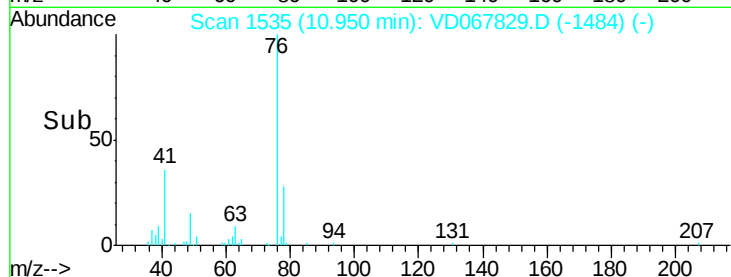
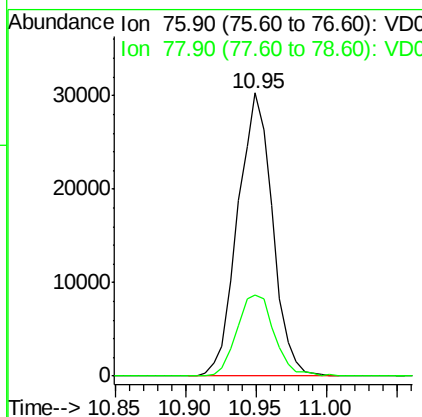
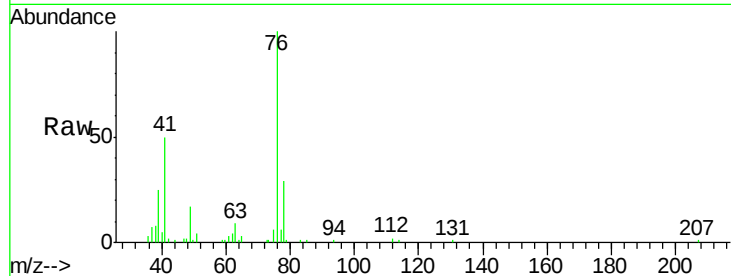
#57
 1,3-Dichloropropane
 Concen: 21.053 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067829.D
 Acq: 01 Dec 2020 11:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tot Ion: 76 Resp: 52160
 Ion Ratio Lower Upper
 76 100
 78 31.1 26.6 39.8

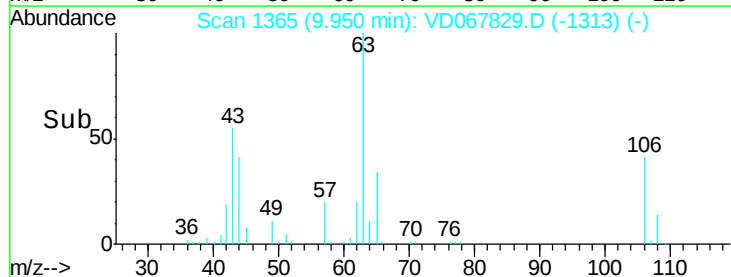
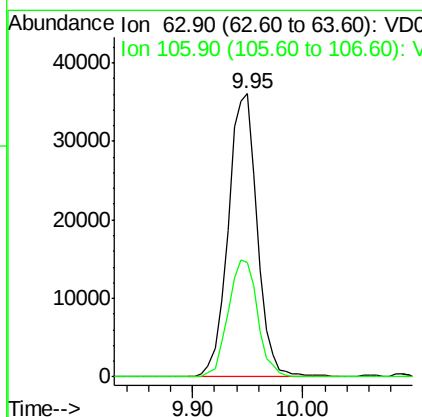
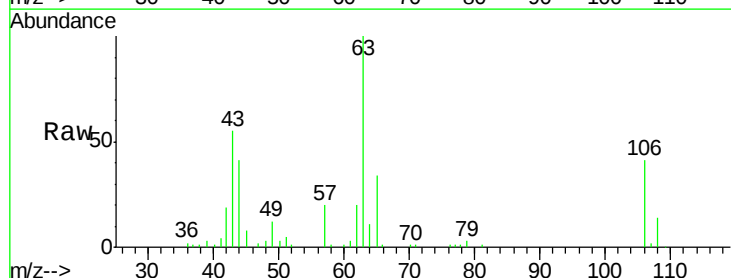
Manual Integrations
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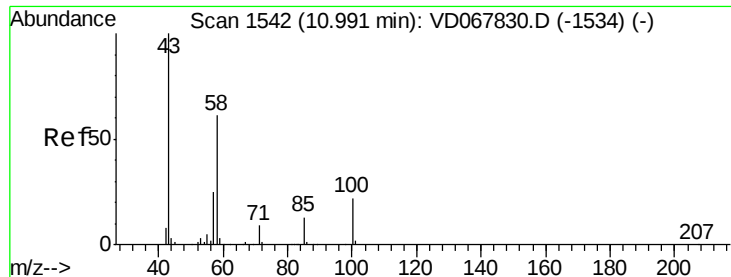
MMDadoda
 12/2/2020 12:23:57 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.729 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: VD067829.D
 Acq: 01 Dec 2020 11:28

Tgt Ion: 63 Resp: 66422
 Ion Ratio Lower Upper
 63 100
 106 41.5 32.0 48.0





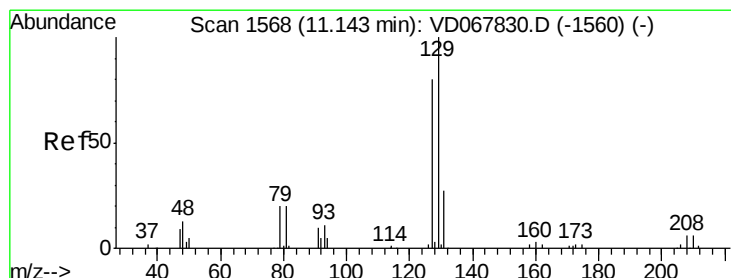
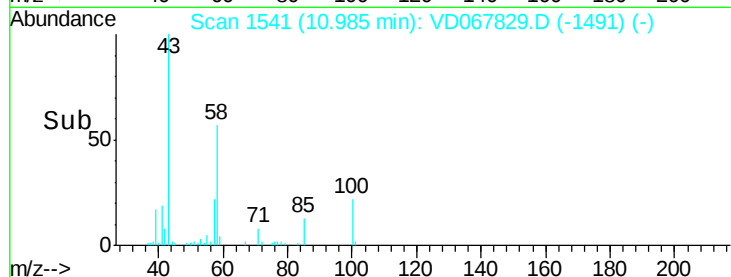
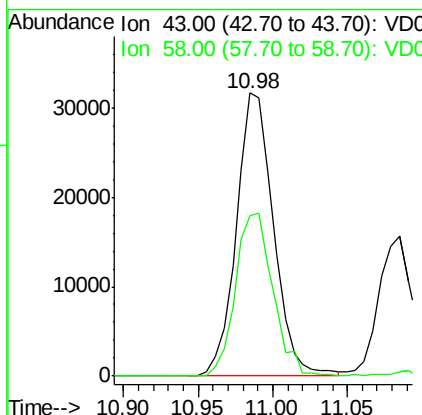
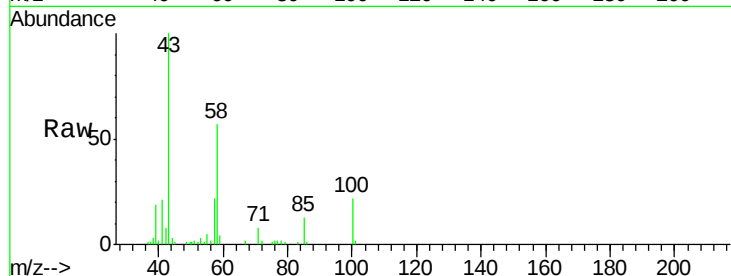
#59
2-Hexanone
Concen: 105.572 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 54672
Ion Ratio Lower Upper
43 100
58 58.0 29.9 89.7

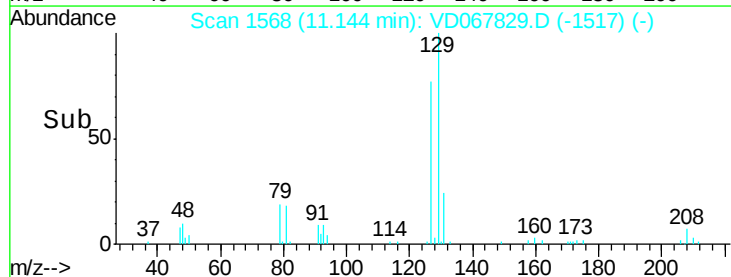
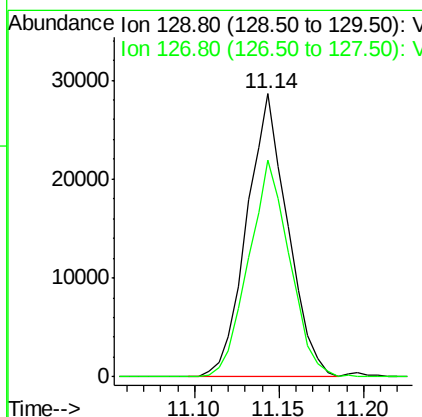
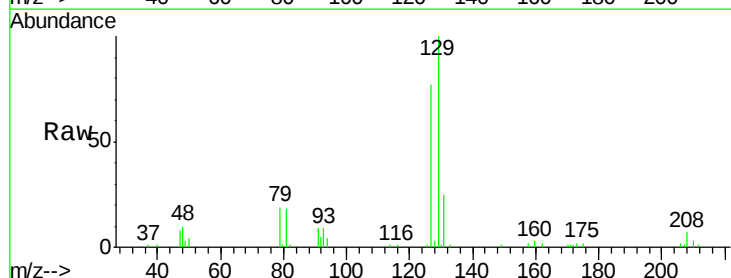
Manual Integrations
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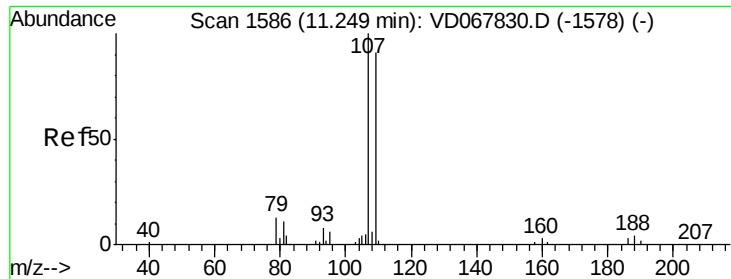
MMDadoda
12/2/2020 12:23:57 PM



#60
Dibromochloromethane
Concen: 20.457 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion: 129 Resp: 48230
Ion Ratio Lower Upper
129 100
127 76.7 39.2 117.6





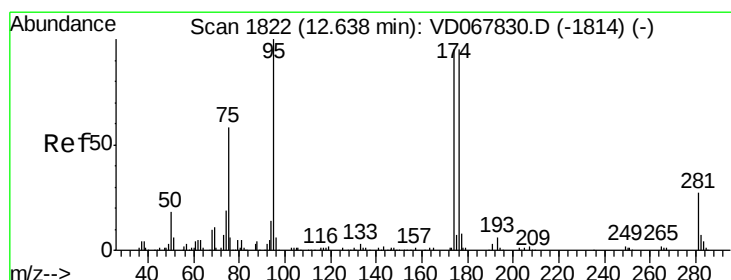
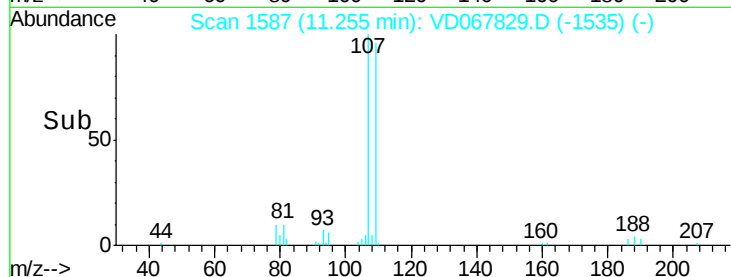
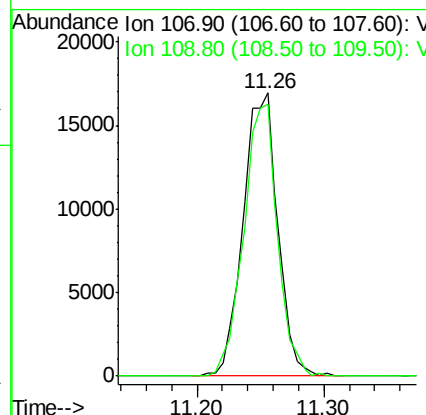
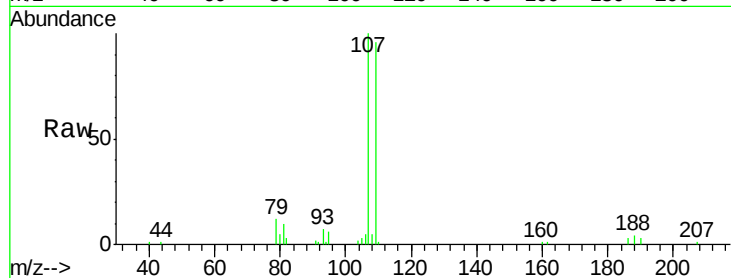
#61
1,2-Dibromoethane
Concen: 20.874 ug/l
RT: 11.26 min Scan# 1587
Delta R.T. 0.01 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.9	113.9

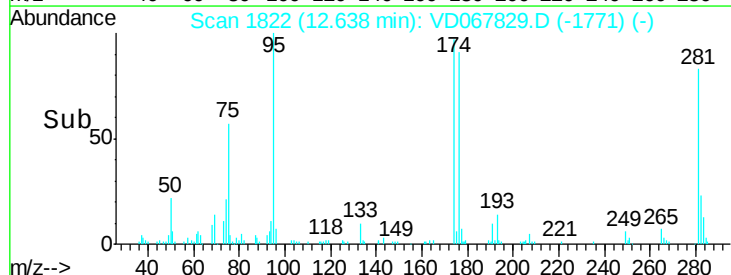
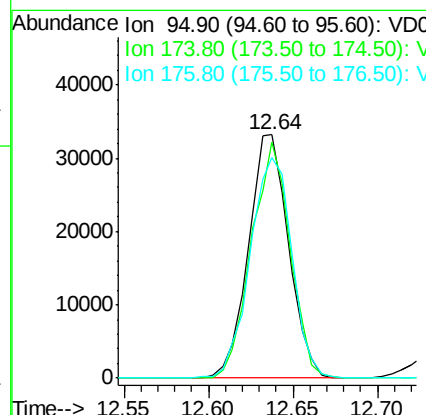
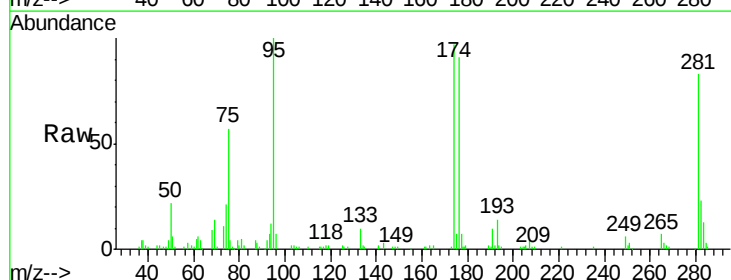
Manual Integrations
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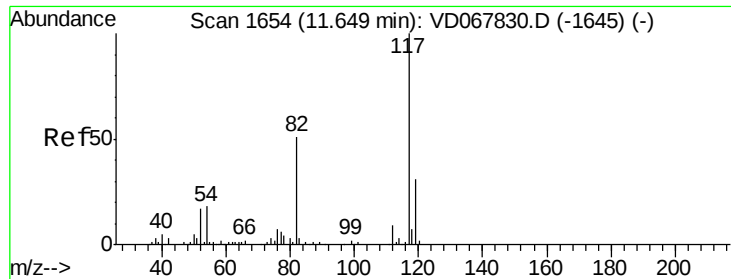
MMDadoda
12/2/2020 12:23:57 PM



#62
4-Bromofluorobenzene
Concen: 19.519 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	186.0
176	94.2	0.0	184.2





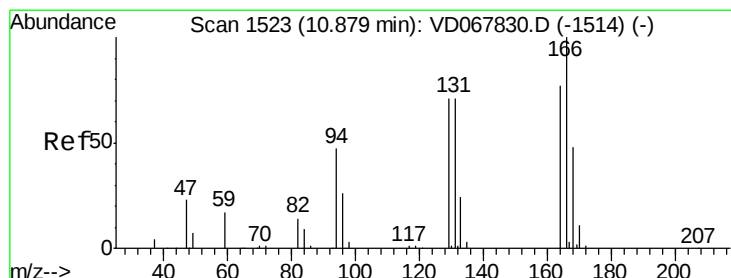
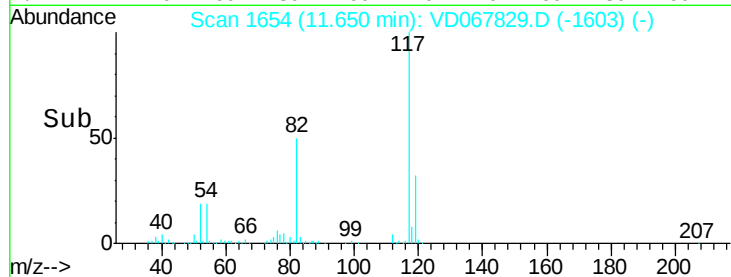
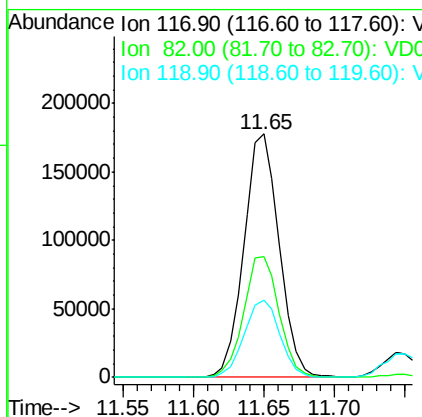
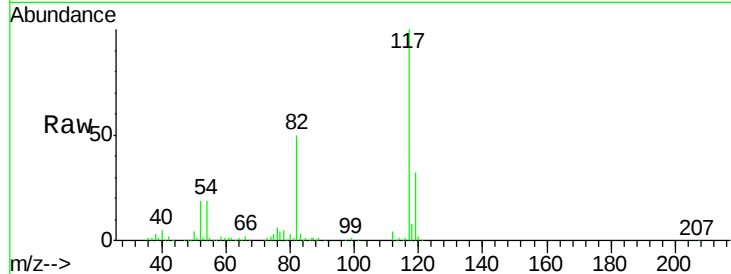
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	310289		
82	49.6		40.6	60.8
119	31.9		25.1	37.7

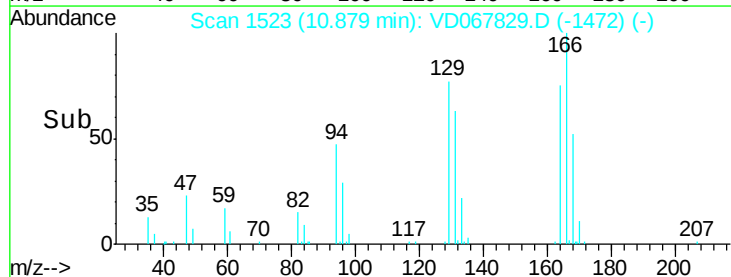
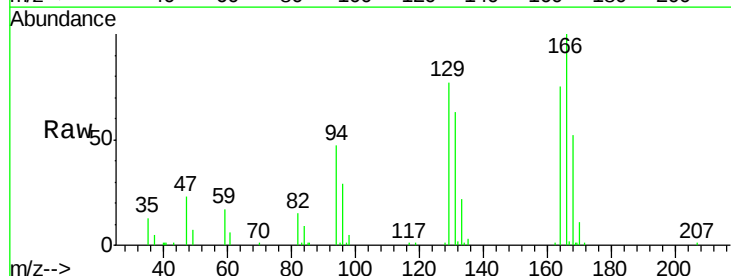
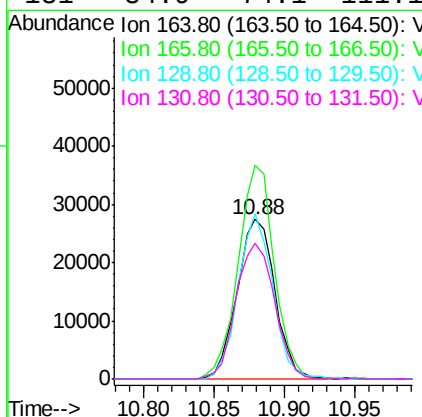
Manual Integrations
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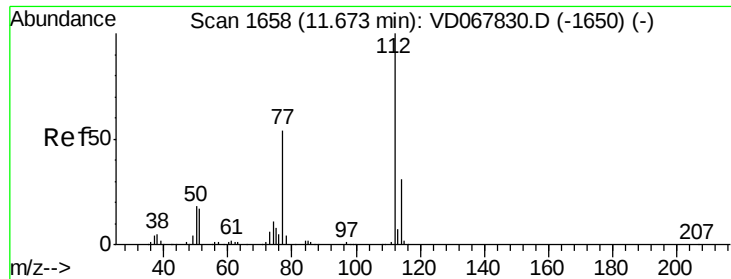
MMDadoda
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#64
Tetrachloroethene
Concen: 20.251 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	51254		
166	133.8		103.8	155.6
129	103.6		73.3	109.9
131	84.9		74.1	111.1





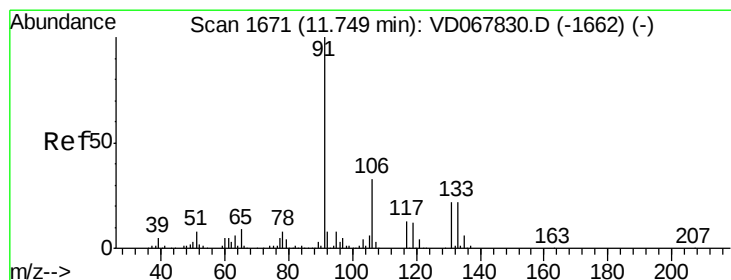
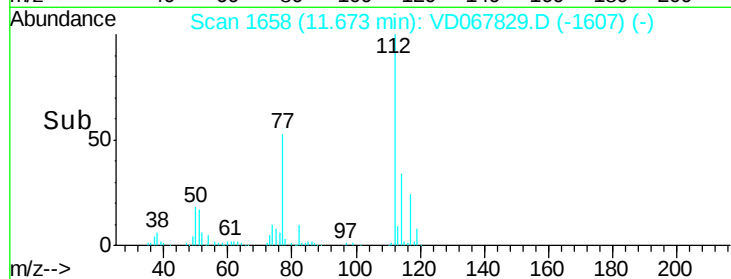
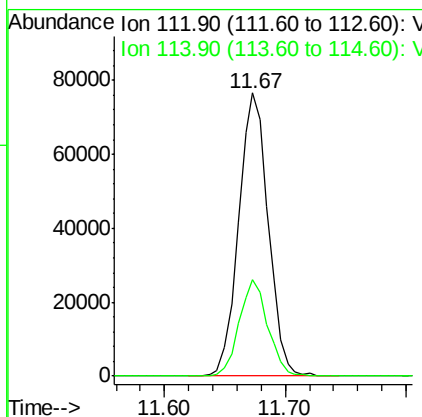
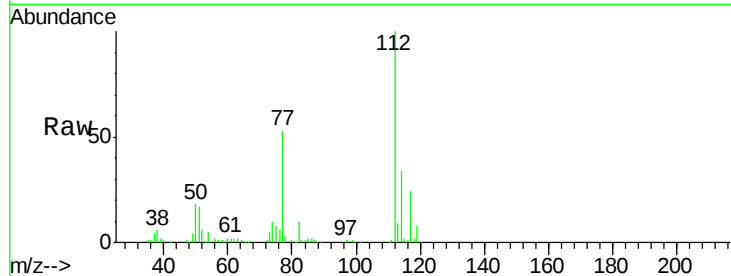
#65
Chlorobenzene
Concen: 20.428 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
112	100		
114	34.2	25.0	37.4

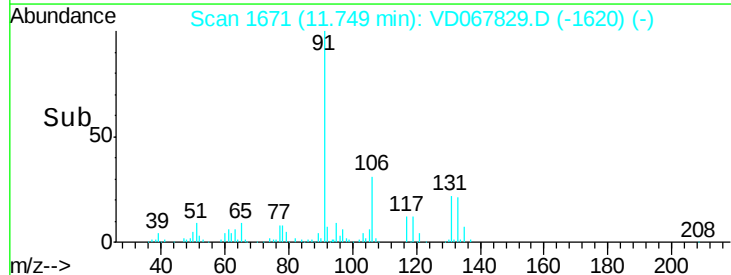
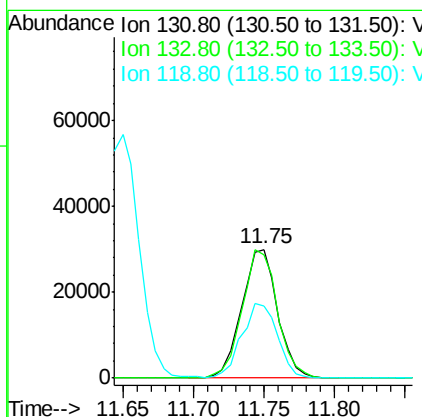
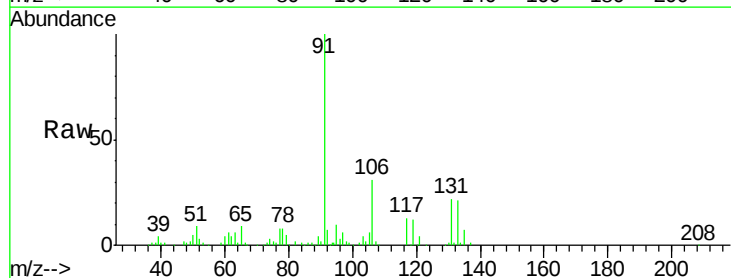
Manual Integrations
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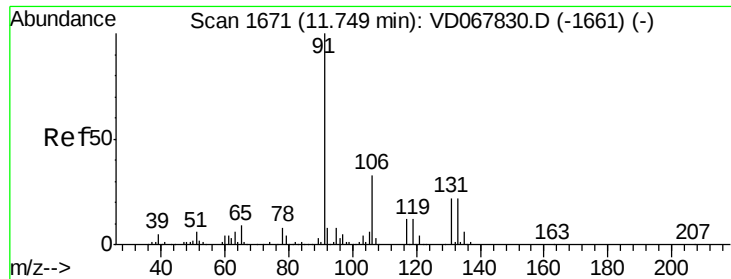
MMDadoda
12/2/2020 12:23:57 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.357 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.4	49.9	149.7
119	58.0	29.6	88.9





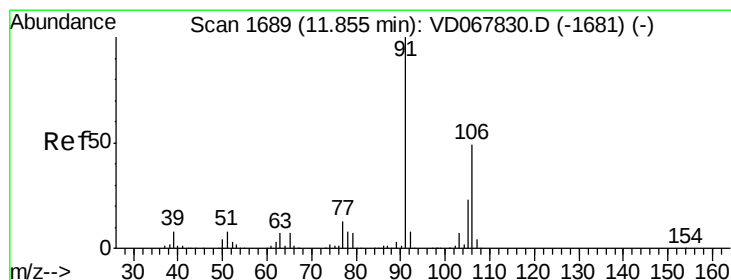
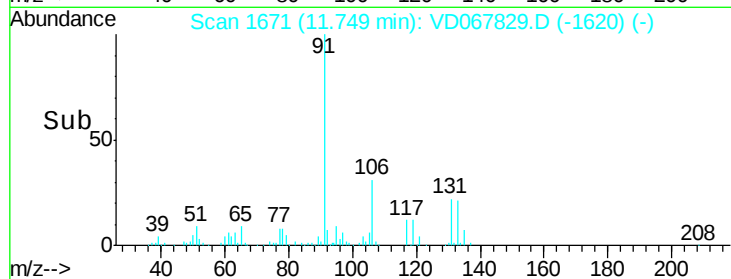
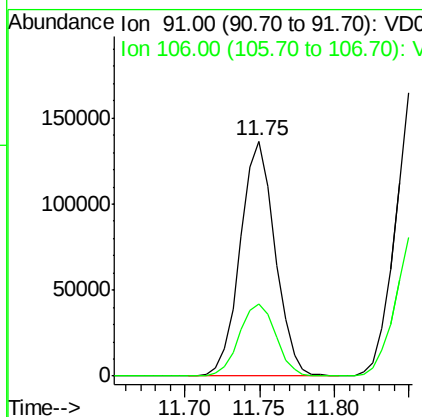
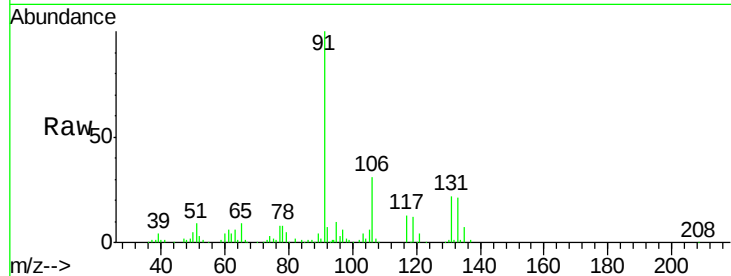
#67
Ethyl Benzene
Concen: 20.298 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion: 91 Resp: 221379
Ion Ratio Lower Upper
91 100
106 30.6 26.2 39.2

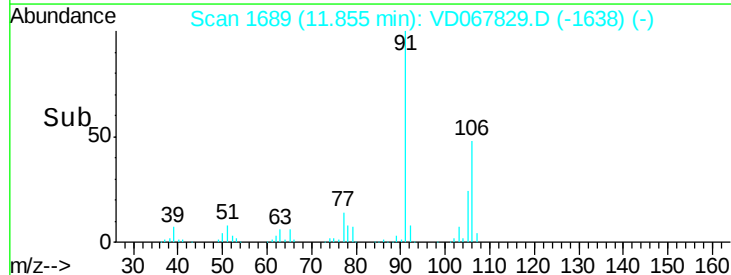
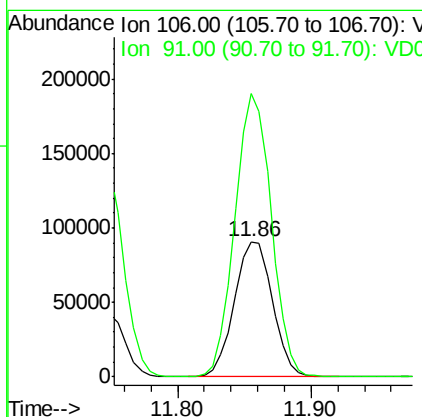
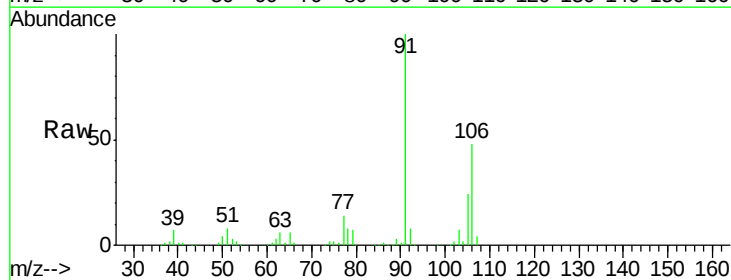
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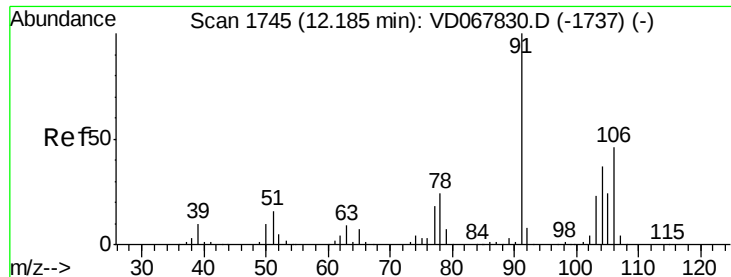
MMDadoda
12/2/2020 12:23:57 PM



#68
m/p-Xylenes
Concen: 41.834 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion: 106 Resp: 179909
Ion Ratio Lower Upper
106 100
91 200.4 162.8 244.2





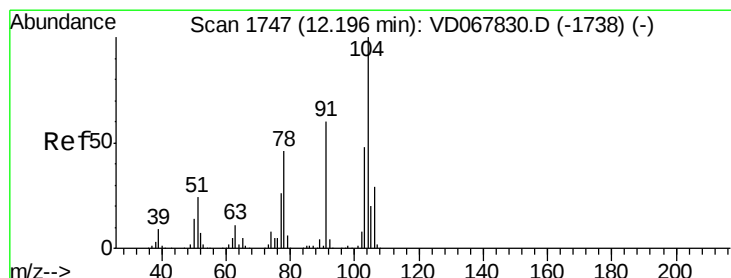
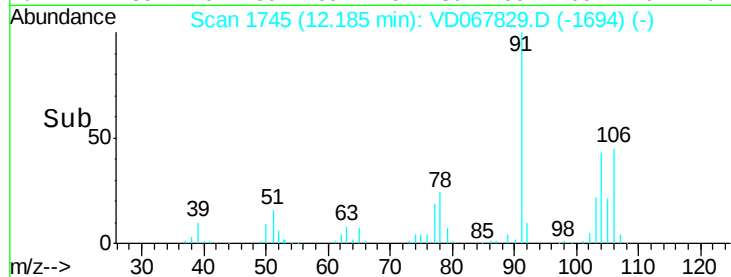
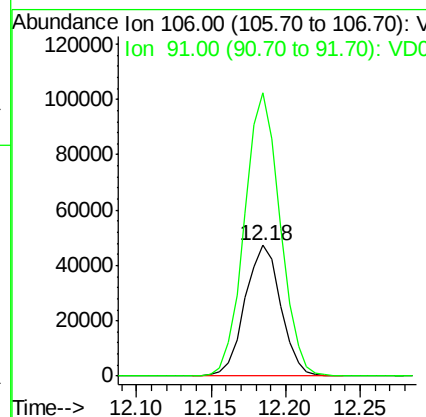
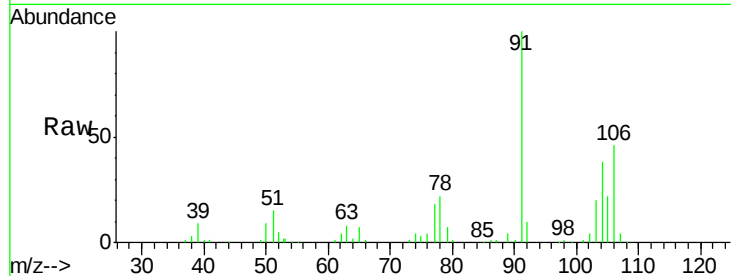
#69
o-Xylene
Concen: 20.580 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion:106 Resp: 78572
Ion Ratio Lower Upper
106 100
91 215.8 107.5 322.5

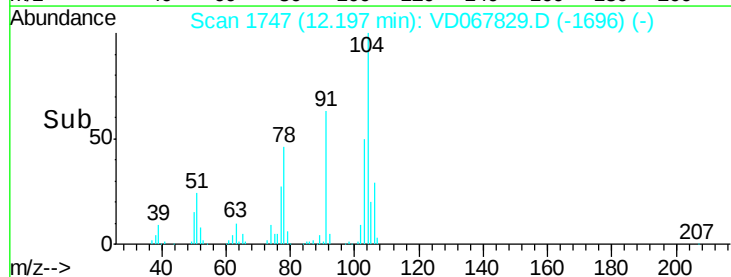
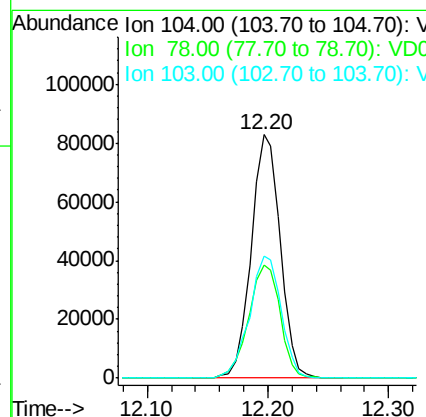
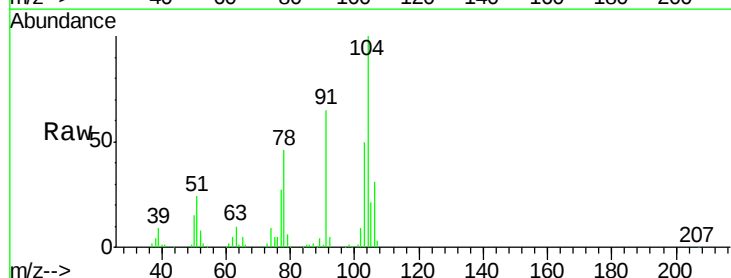
Manual Integrations
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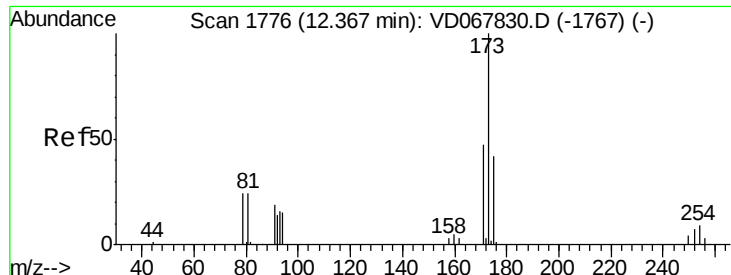
MMDadoda
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#70
Styrene
Concen: 20.883 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion:104 Resp: 138640
Ion Ratio Lower Upper
104 100
78 50.7 41.6 62.4
103 55.0 43.2 64.8





#71

Bromoform

Concen: 20.622 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Instrument :

MSVOA_D

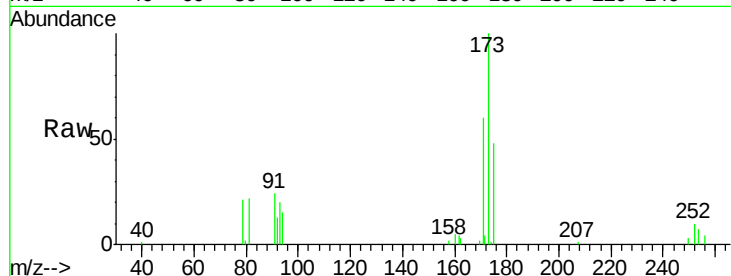
ClientSampleId :

VSTDIC020

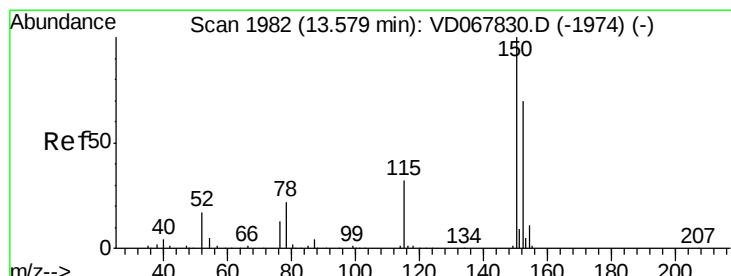
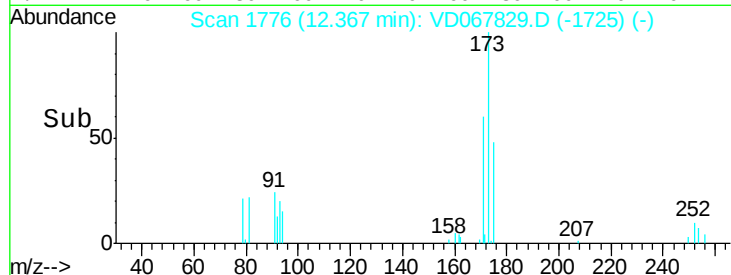
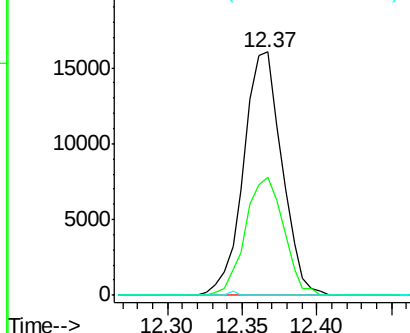
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	23.4	70.3
254	0.0	0.1	0.1

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

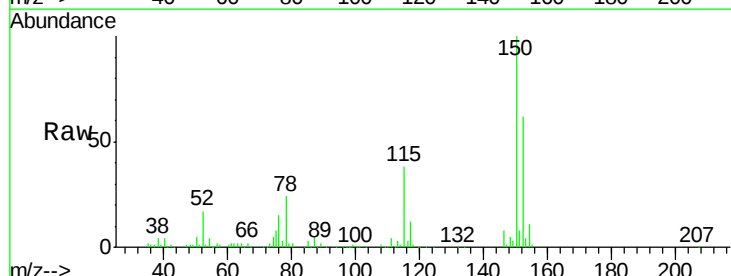
RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

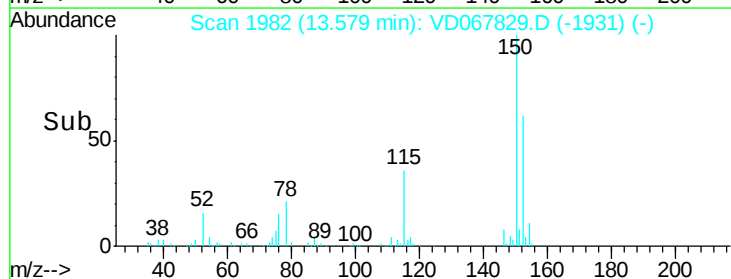
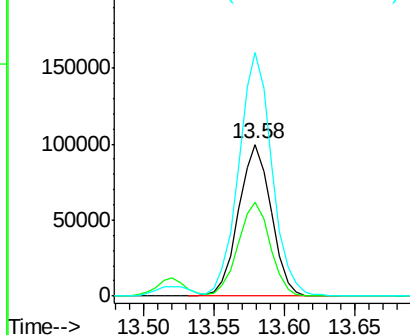
Lab File: VD067829.D

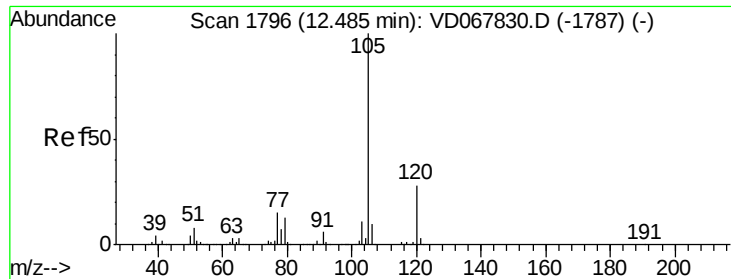
Acq: 01 Dec 2020 11:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	29.1	87.4
150	163.6	0.0	339.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





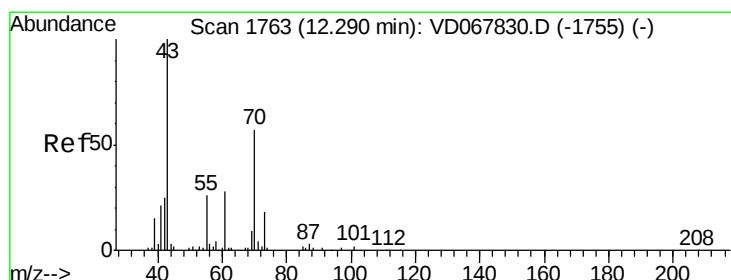
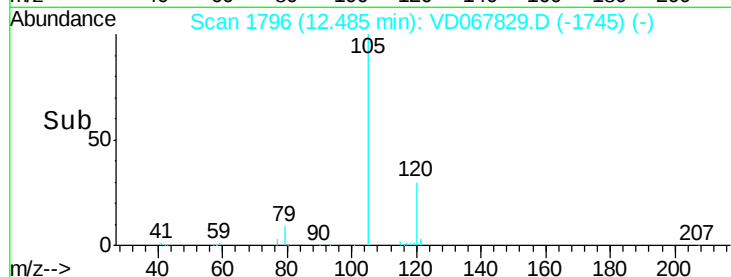
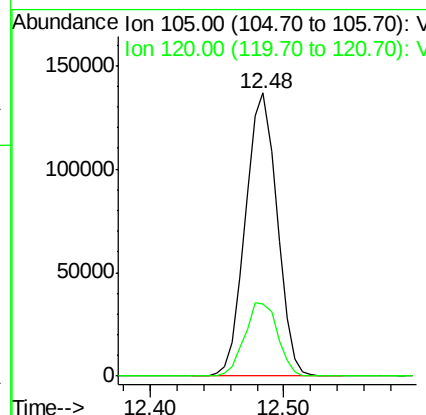
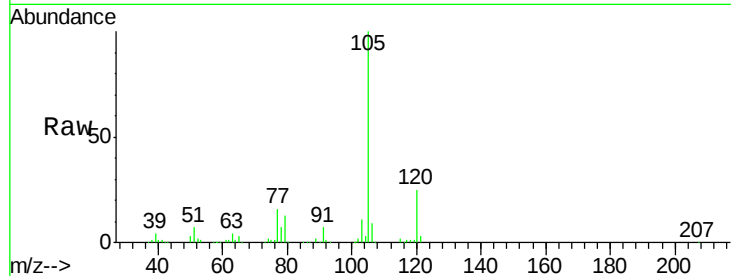
#73
Isopropylbenzene
Concen: 20.195 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.9	41.6

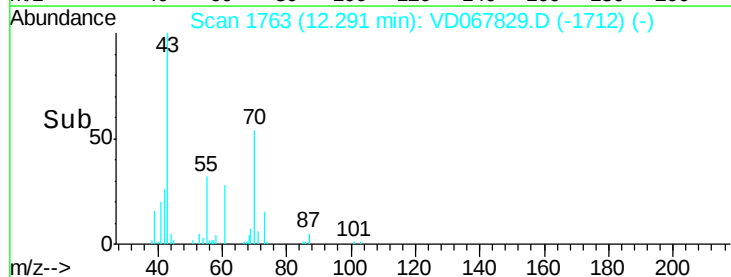
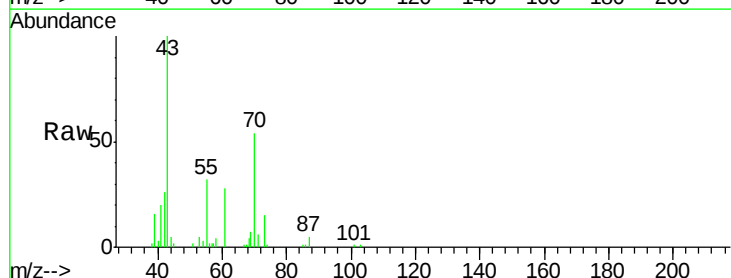
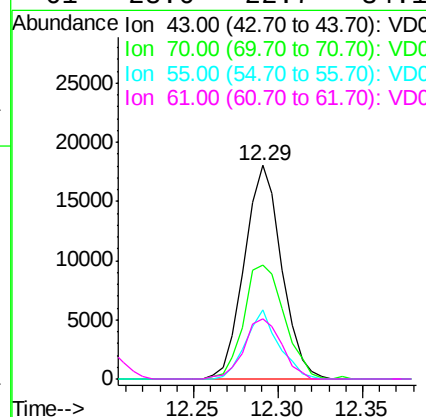
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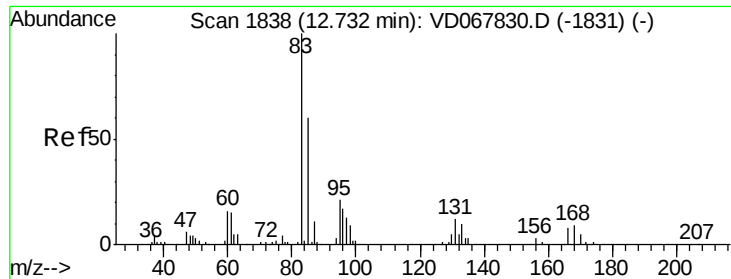
MMDadoda
12/2/2020 12:23:57 PM



#74
N-ethyl acetate
Concen: 20.301 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion	Ratio	Lower	Upper
43	100		
70	58.4	44.6	66.8
55	28.5	22.2	33.2
61	28.6	22.7	34.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.961 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Instrument :

MSVOA_D

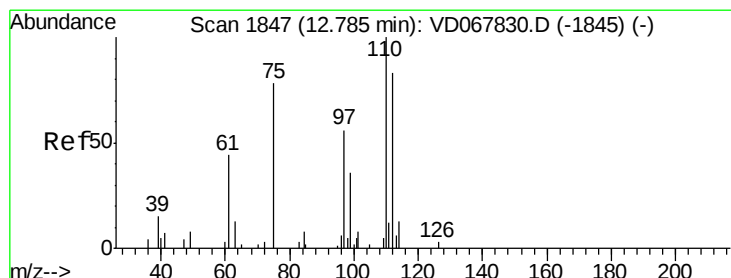
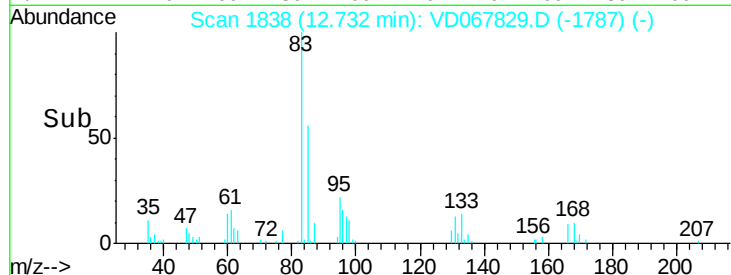
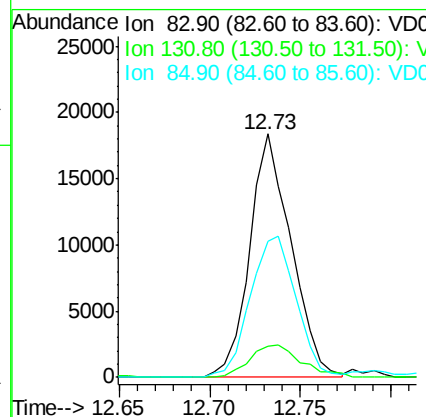
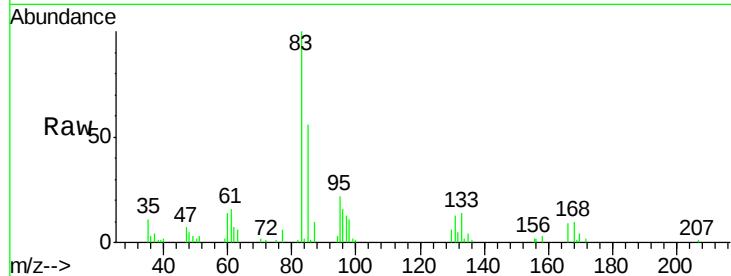
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	29156
Ion	Ratio	Lower	Upper
83	100		
131	16.8	8.0	24.0
85	64.5	31.7	95.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.993 ug/l m

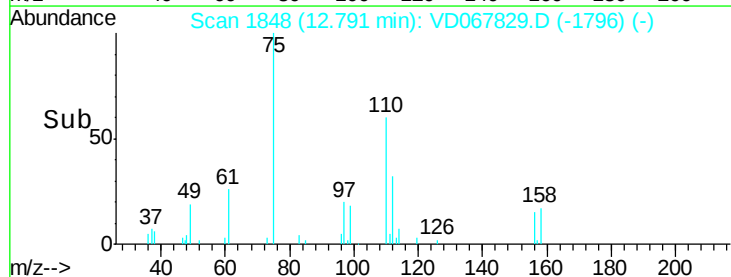
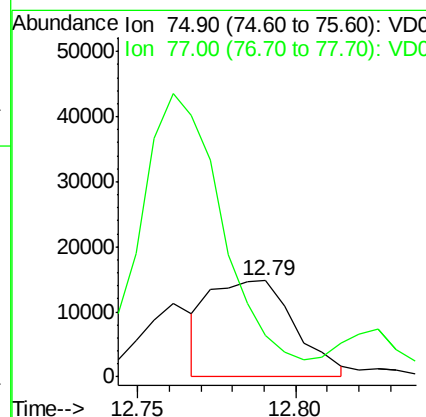
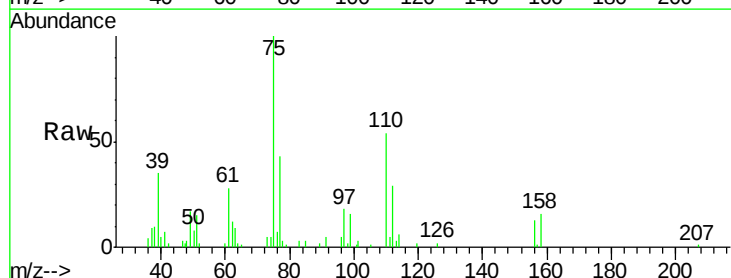
RT: 12.79 min Scan# 1848

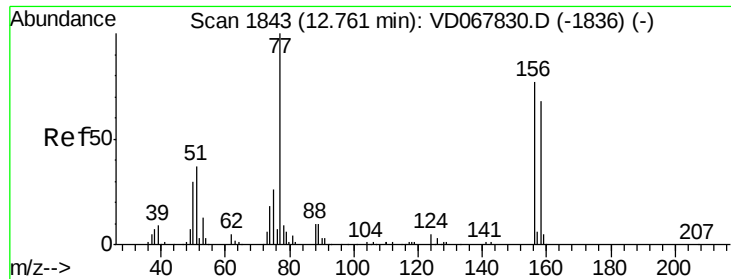
Delta R.T. 0.01 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Tgt Ion:	75	Resp:	27509
Ion	Ratio	Lower	Upper
75	100		
77	0.0	175.9	527.7#





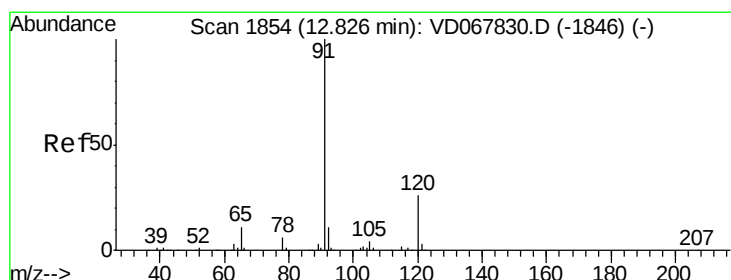
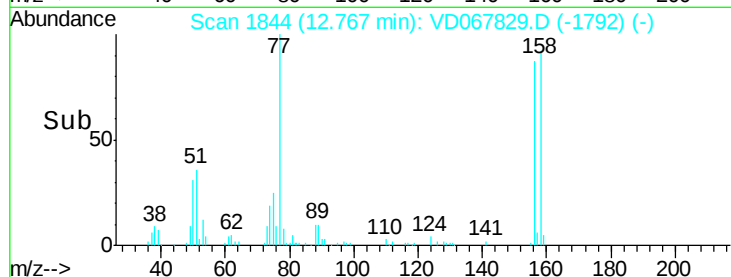
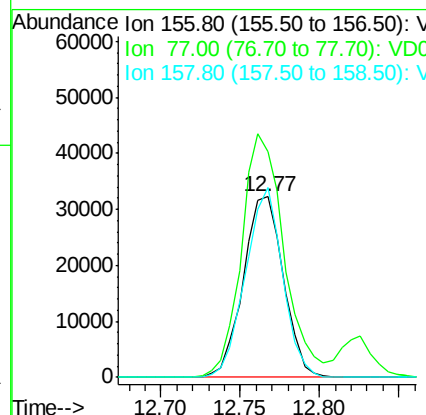
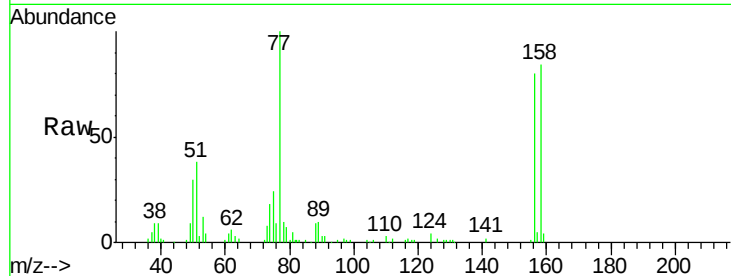
#77
Bromobenzene
Concen: 20.691 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. 0.01 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	142.2	71.5	214.5
158	96.8	47.1	141.4

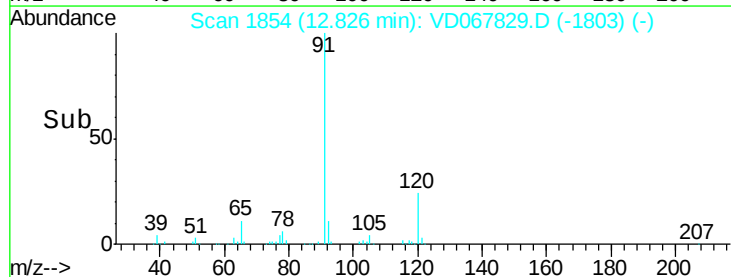
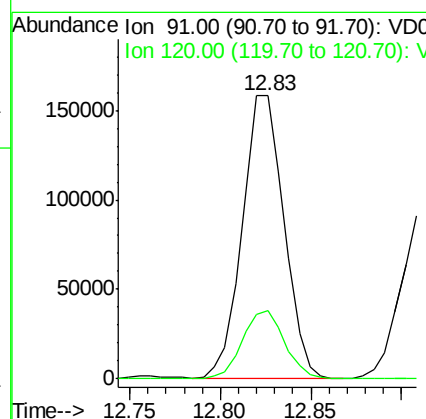
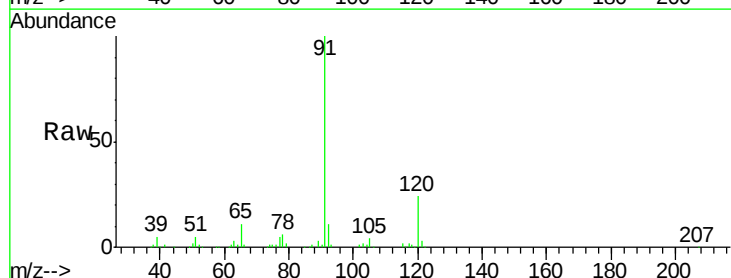
Manual Integrations
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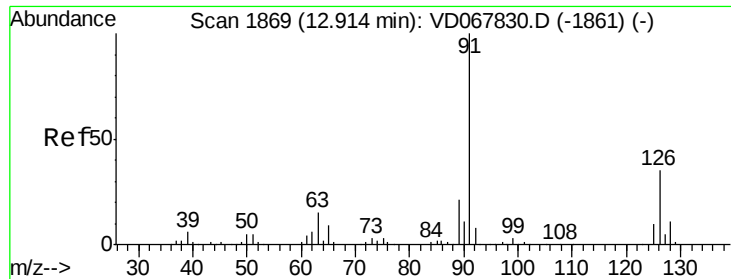
MMDadoda
12/2/2020 12:23:57 PM



#78
n-propylbenzene
Concen: 20.586 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.7	38.0





#79

2-Chlorotoluene

Concen: 20.790 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.01 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 149975

Ion Ratio Lower Upper

91 100

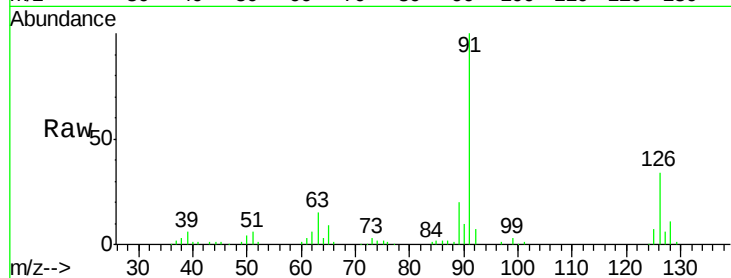
126 34.7 17.9 53.7

Manual Integrations

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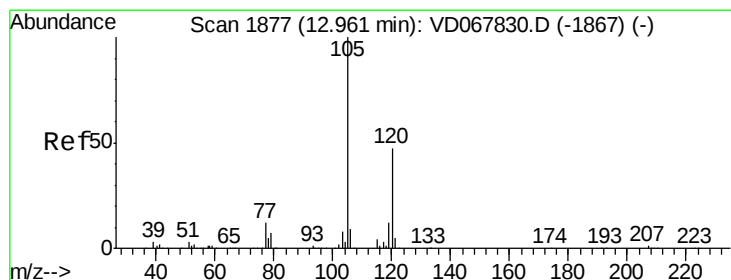
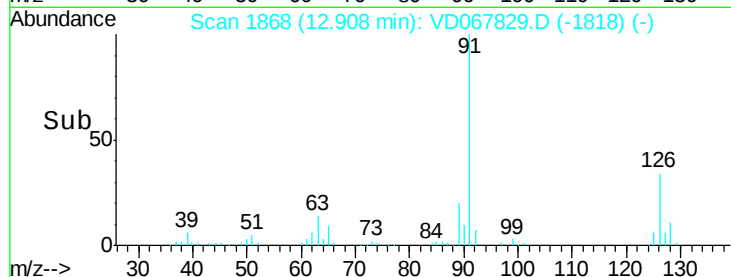
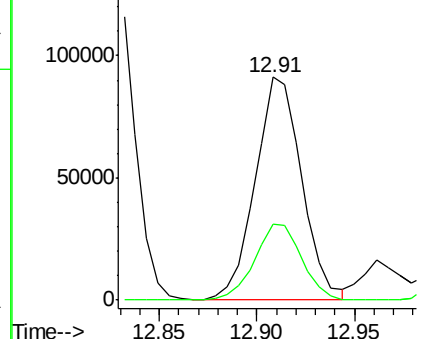
MMDadoda

12/2/2020 12:23:57 PM



Abundance Ion 91.00 (90.70 to 91.70): VD067830.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD067830.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.873 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067829.D

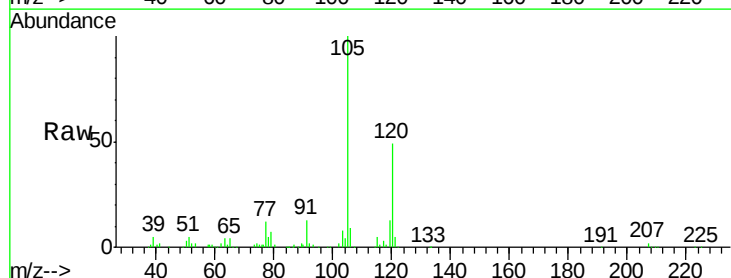
Acq: 01 Dec 2020 11:28

Tgt Ion: 105 Resp: 199940

Ion Ratio Lower Upper

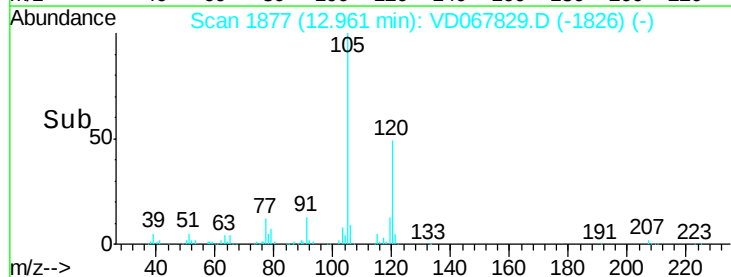
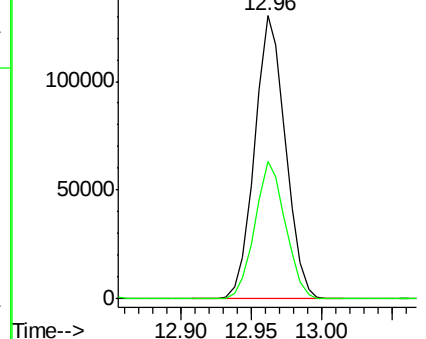
105 100

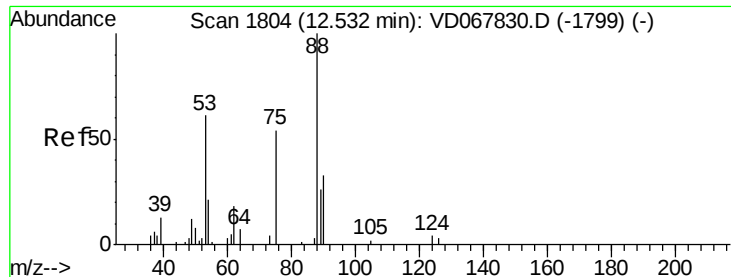
120 48.1 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VD067830.D (-1867) (-)

Ion 120.00 (119.70 to 120.70): VD067830.D (-1867) (-)





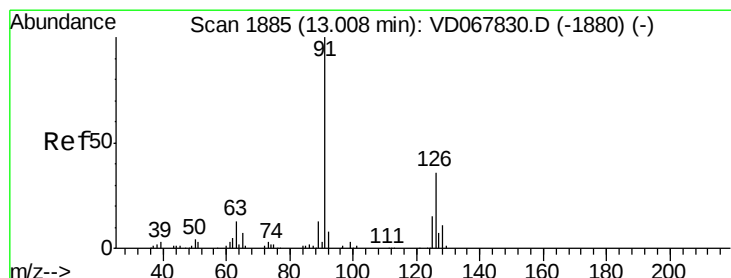
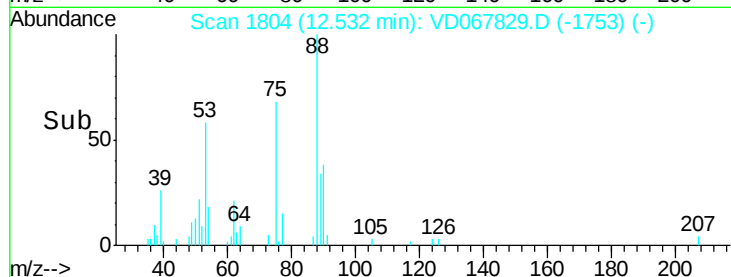
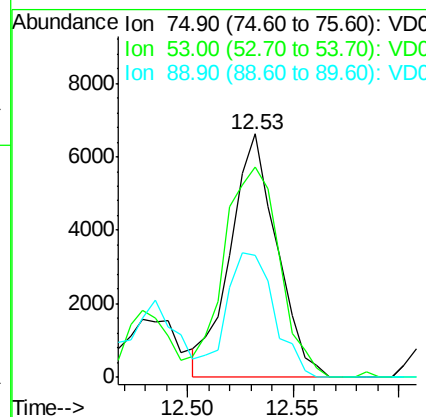
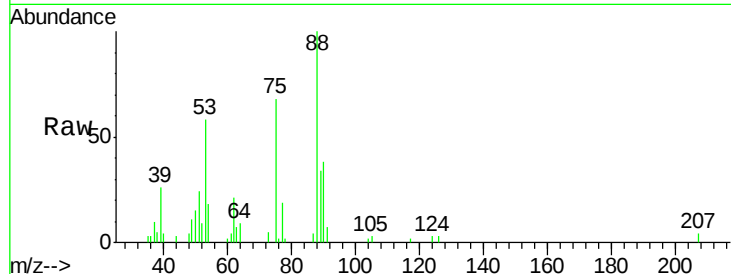
#81
trans-1,4-Dichloro-2-butene
Concen: 20.718 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.3	84.6	127.0
89	53.2	41.0	61.6

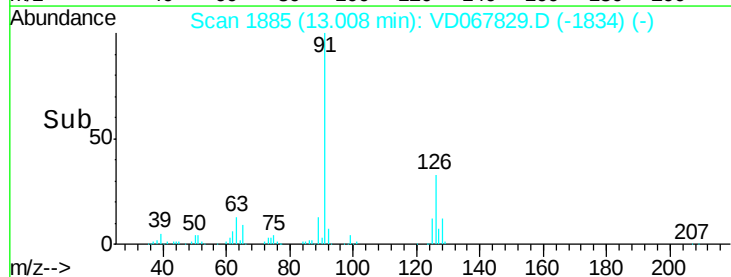
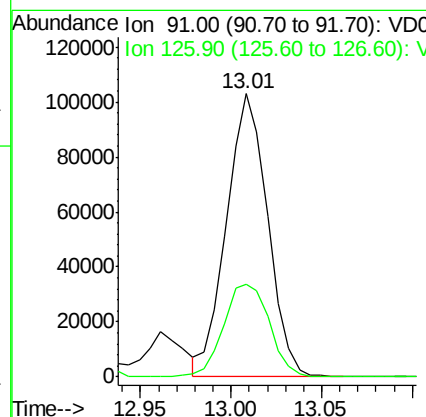
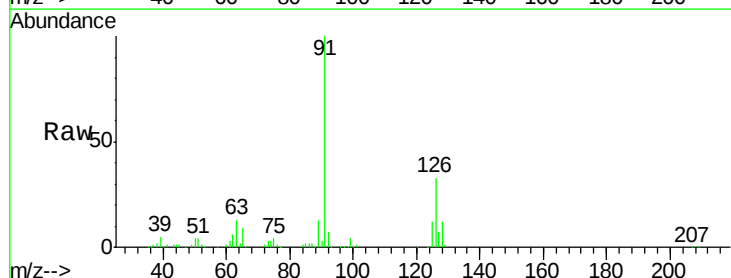
Manual Integrations
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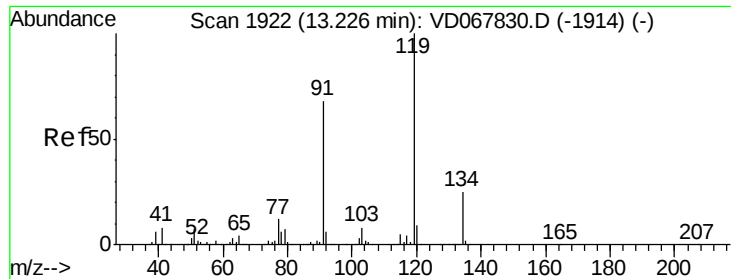
MMDadoda
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#82
4-Chlorotoluene
Concen: 21.083 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.5	18.1	54.4





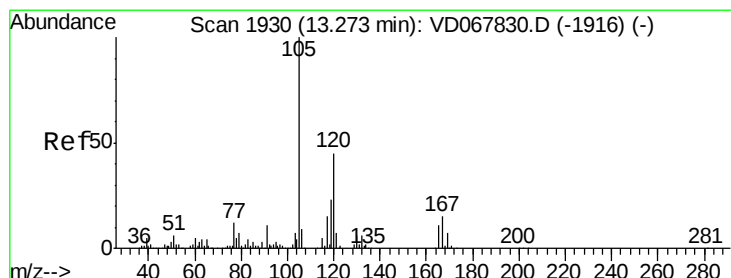
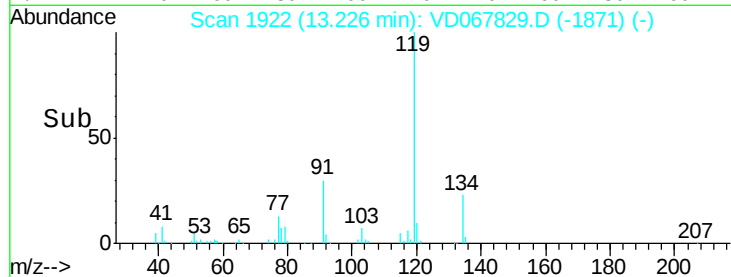
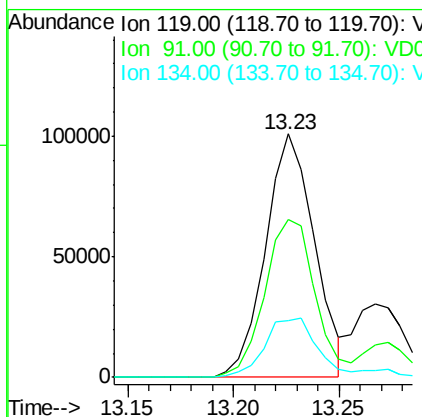
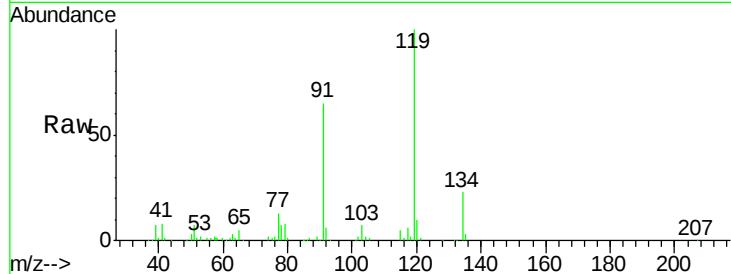
#83
tert-Butylbenzene
Concen: 19.985 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	162898		
91	67.0		33.1	99.3
134	26.1		13.6	40.8

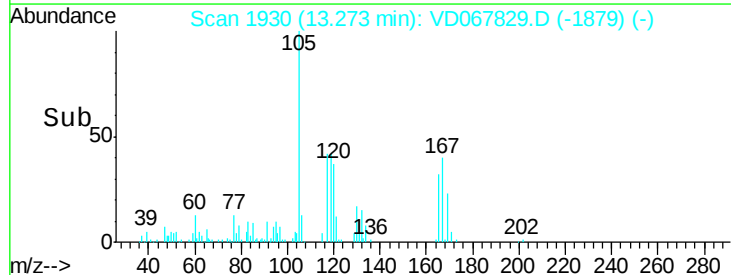
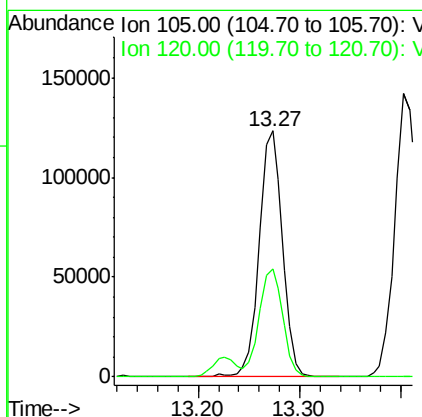
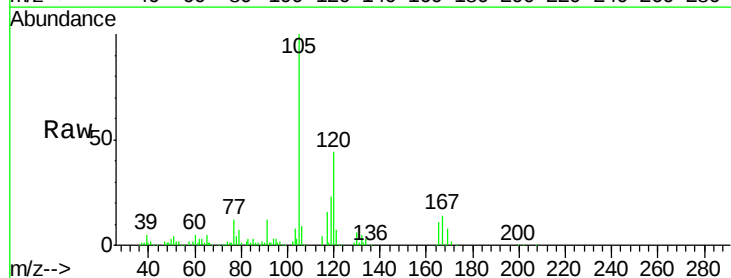
Manual Integrations
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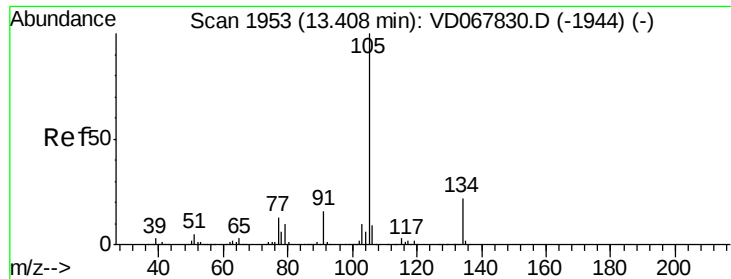
MMDadoda
12/2/2020 12:23:57 PM



#84
1,2,4-Trimethylbenzene
Concen: 20.761 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	197748		
120	44.5		22.1	66.5





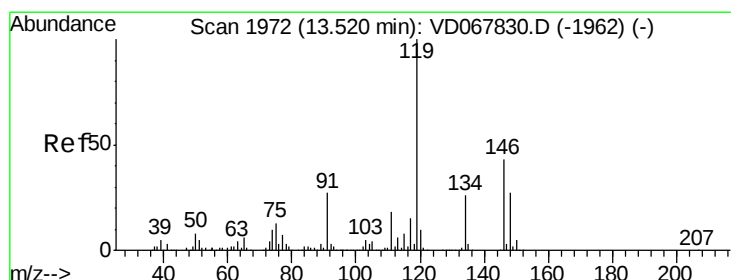
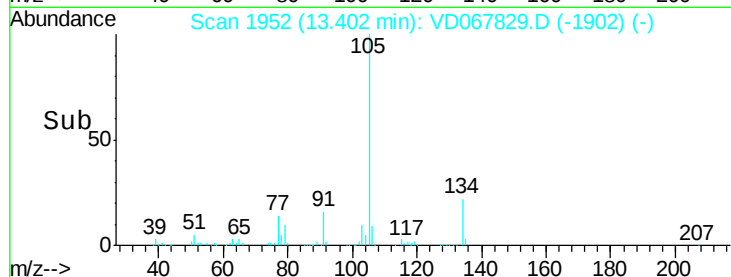
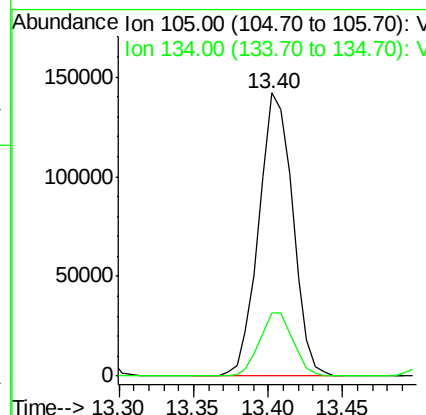
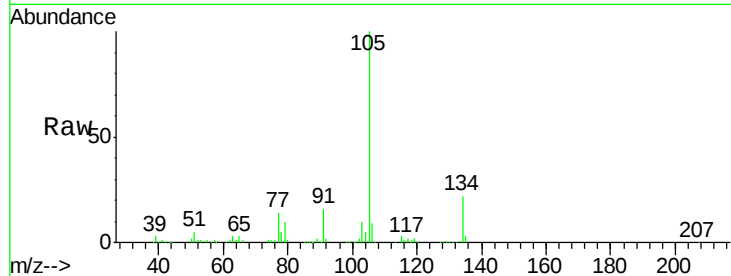
#85
 sec-Butylbenzene
 Concen: 20.517 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD067829.D
 Acq: 01 Dec 2020 11:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	223211		
134	22.1	10.9	32.9	

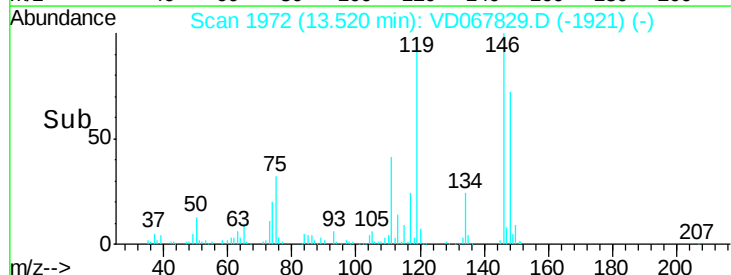
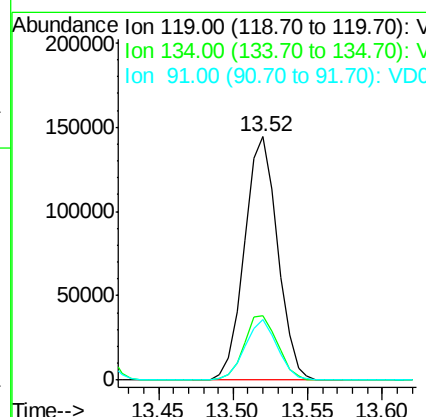
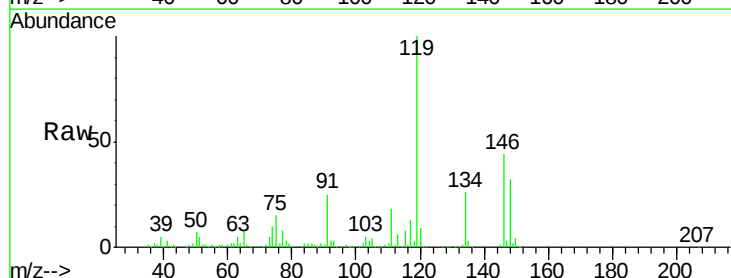
Manual Integrations
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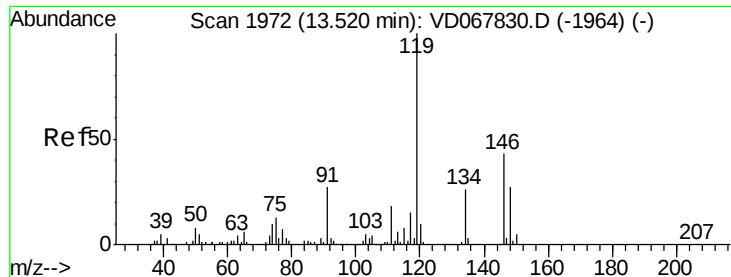
MMDadoda
 12/2/2020 12:23:57 PM



#86
 p-Isopropyltoluene
 Concen: 20.820 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067829.D
 Acq: 01 Dec 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	221992		
134	26.9	13.1	39.3	
91	24.1	12.8	38.3	





#87

1,3-Dichlorobenzene

Concen: 20.651 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Instrument :

MSVOA_D

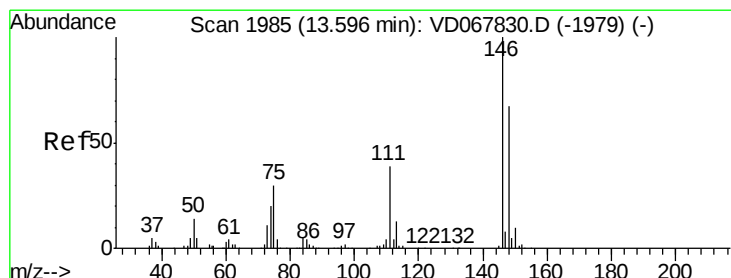
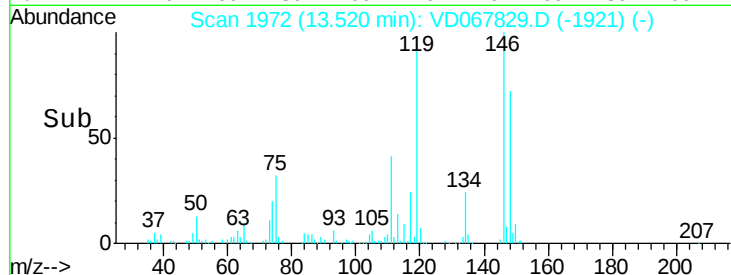
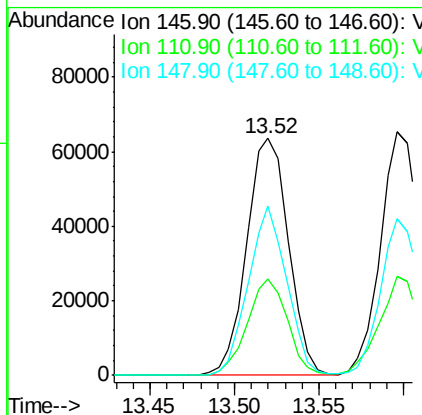
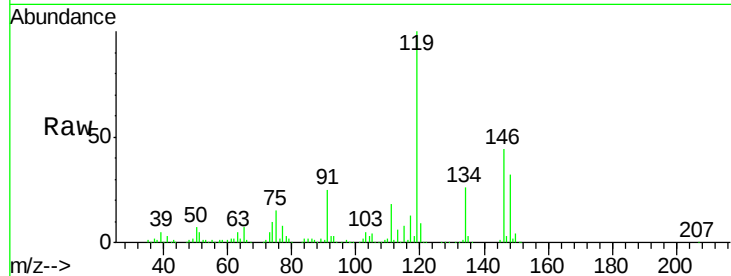
ClientSampleId :

VSTDIC020

Tot Ion:	146	Resp:	109569
Ion Ratio	Lower	Upper	
146	100		
111	39.0	20.8	62.2
148	65.8	32.9	98.6

Manual Integrations
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12/2/2020 12:23:57 PM



#88

1,4-Dichlorobenzene

Concen: 20.324 ug/l

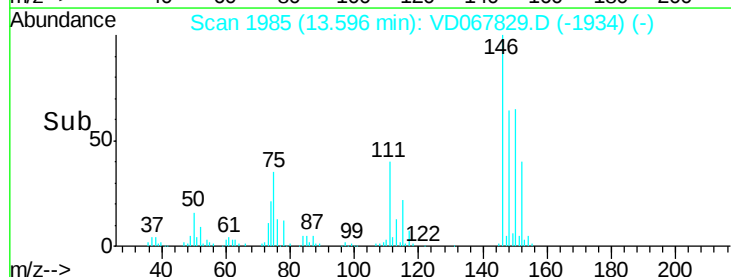
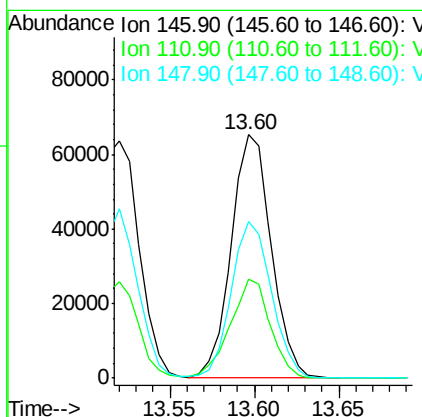
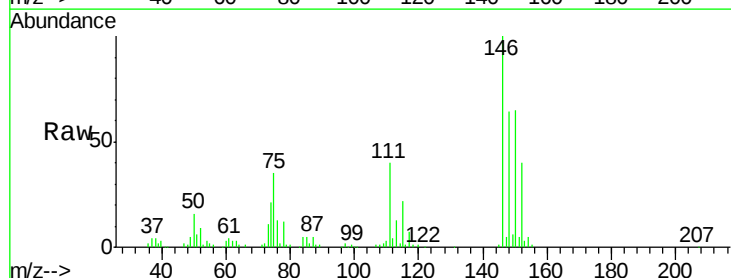
RT: 13.60 min Scan# 1985

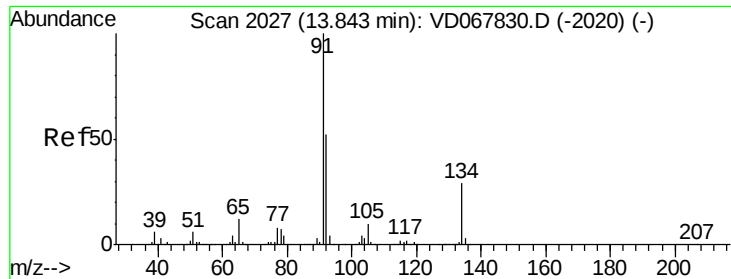
Delta R.T. 0.00 min

Lab File: VD067829.D

Acq: 01 Dec 2020 11:28

Tgt Ion:	146	Resp:	107878
Ion Ratio	Lower	Upper	
146	100		
111	41.0	19.9	59.6
148	64.5	32.4	97.2





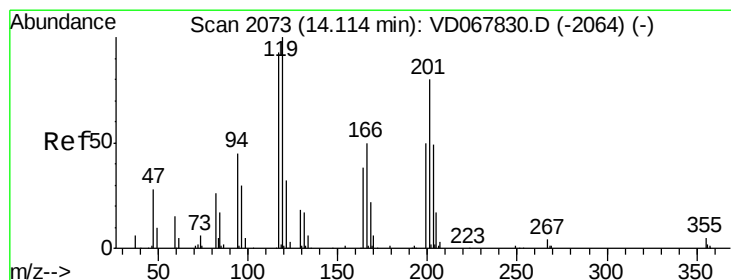
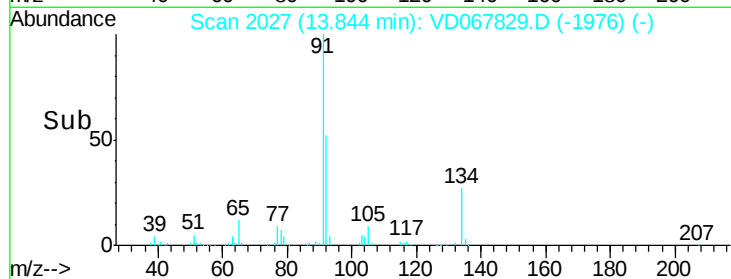
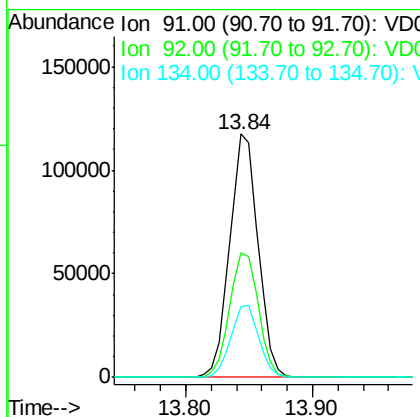
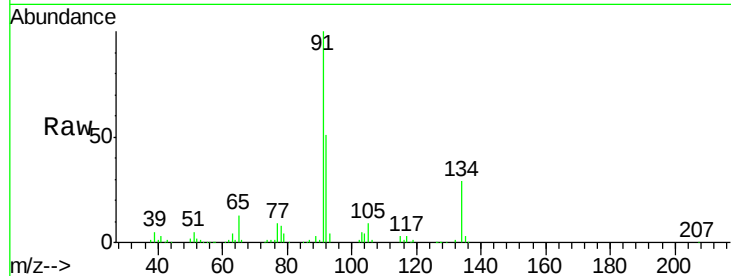
#89
n-Butylbenzene
Concen: 20.385 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	180573		
92	52.0		26.3	78.8
134	29.3		14.8	44.3

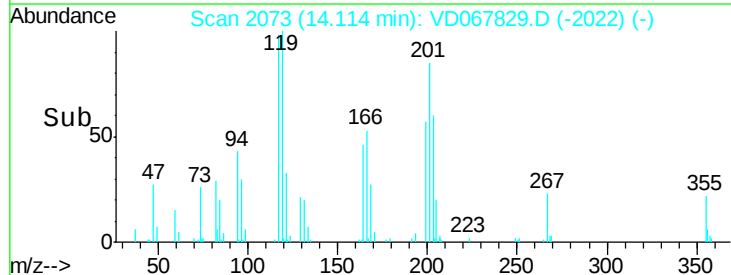
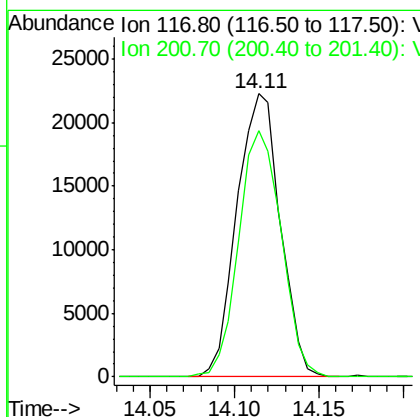
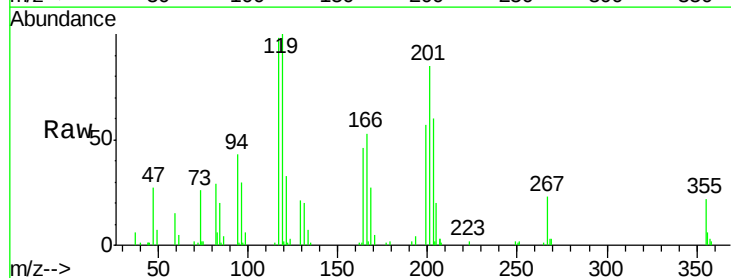
Manual Integrations
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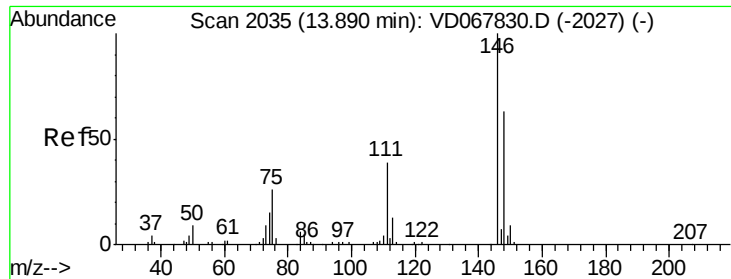
MMDadoda
12/2/2020 12:23:57 PM



#90
Hexachloroethane
Concen: 20.235 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39833		
201	85.4		43.9	131.6





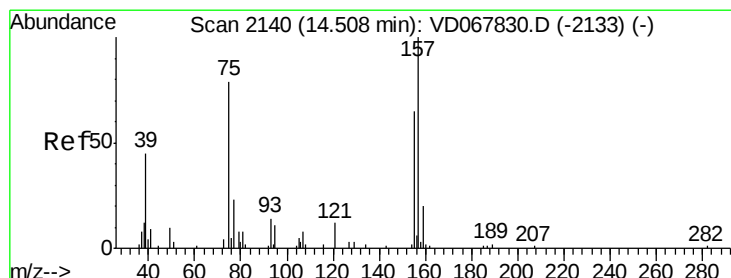
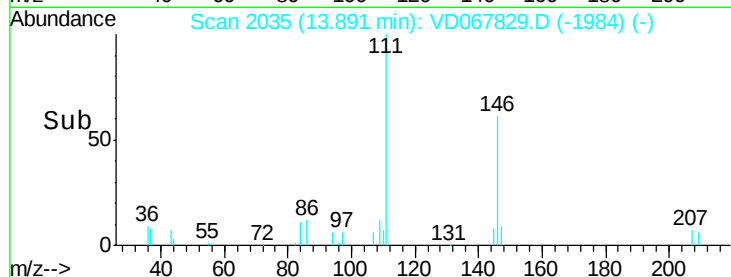
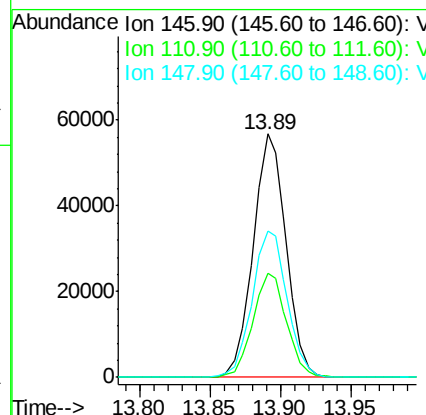
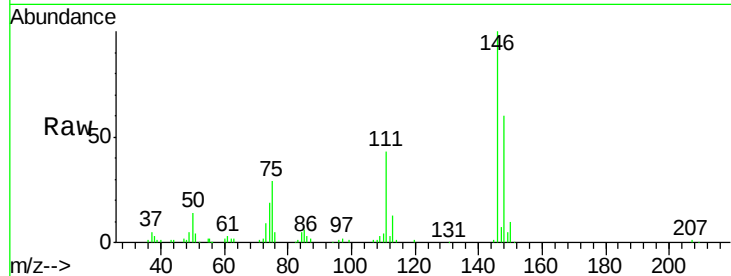
#91
 1,2-Dichlorobenzene
 Concen: 20.163 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD067829.D
 Acq: 01 Dec 2020 11:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	20.4	61.2
148	63.7	32.1	96.3

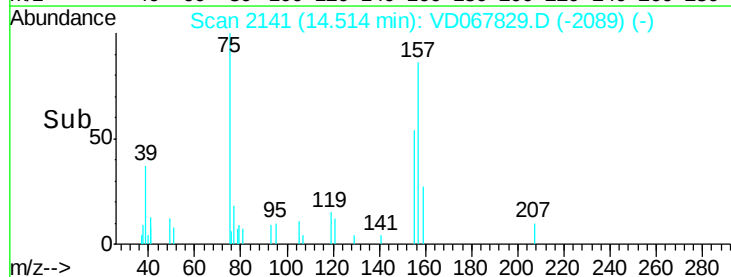
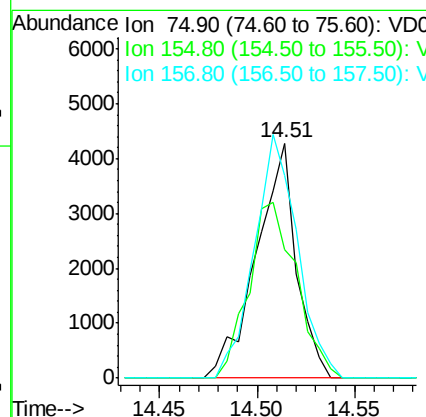
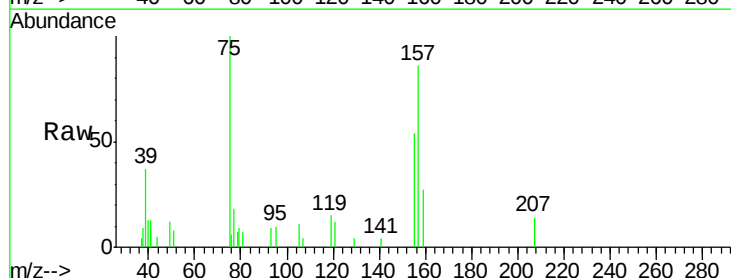
Manual Integrations
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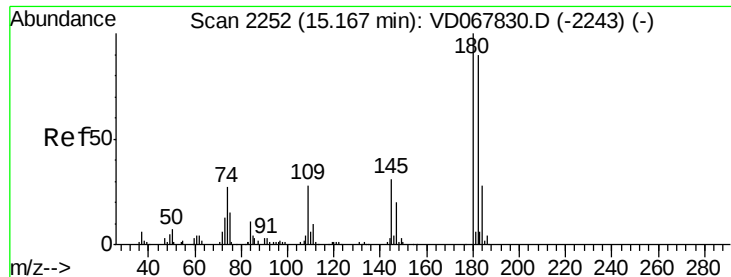
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.893 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD067829.D
 Acq: 01 Dec 2020 11:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.1	44.1	132.4
157	111.6	62.4	187.2





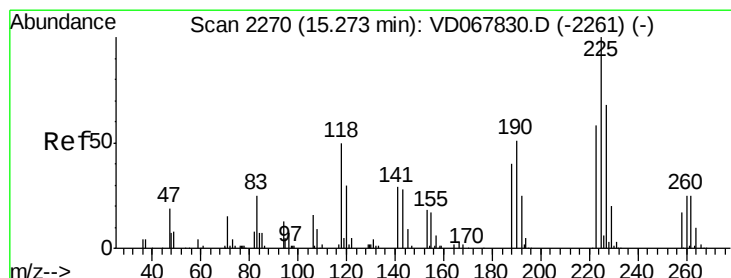
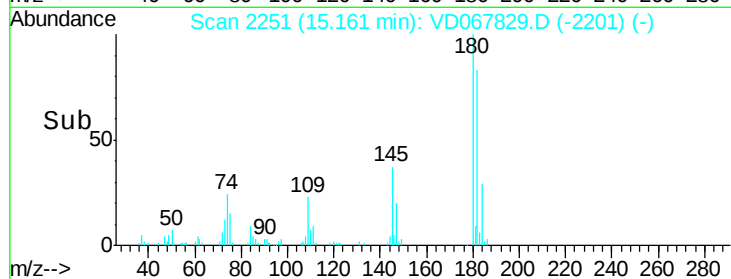
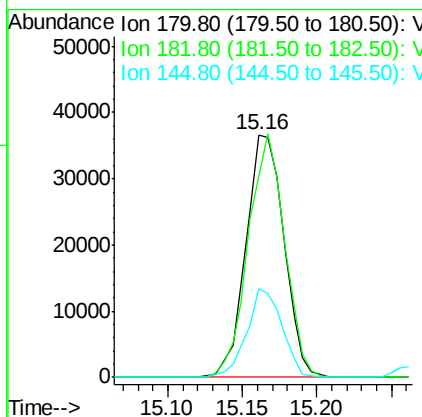
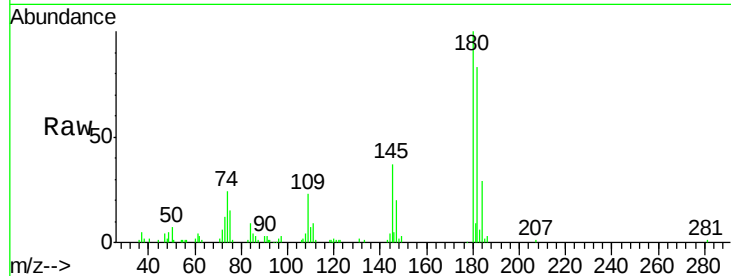
#93
 1,2,4-Trichlorobenzene
 Concen: 19.963 ug/l
 RT: 15.16 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: VD067829.D
 Acq: 01 Dec 2020 11:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.5	142.6
145	33.9	16.4	49.4

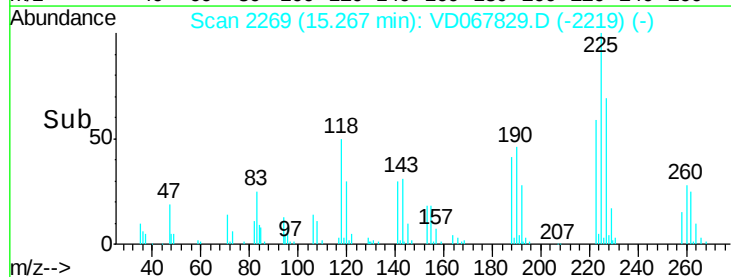
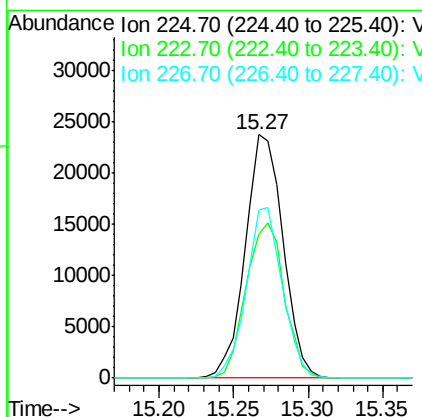
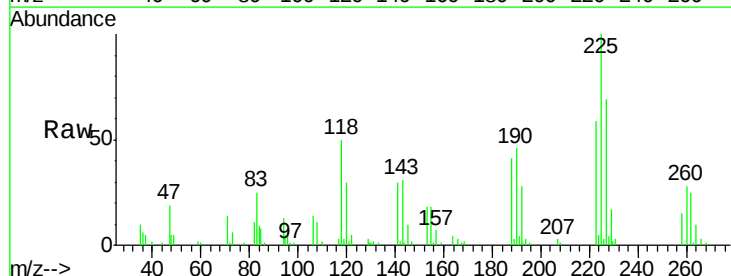
Manual Integrations
 APPROVED

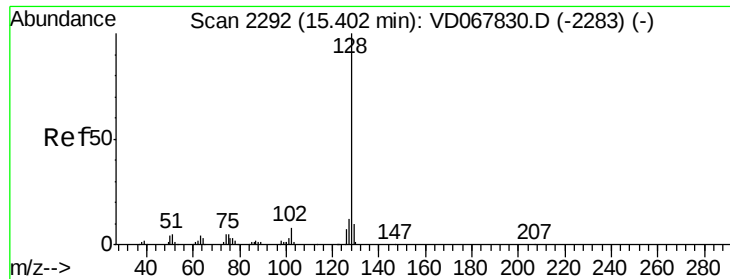
MMDadoda
 12/2/2020 12:23:57 PM



#94
 Hexachlorobutadiene
 Concen: 19.826 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD067829.D
 Acq: 01 Dec 2020 11:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.1	93.3
227	66.6	33.1	99.3





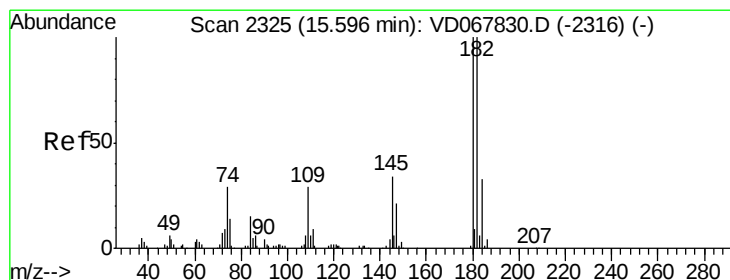
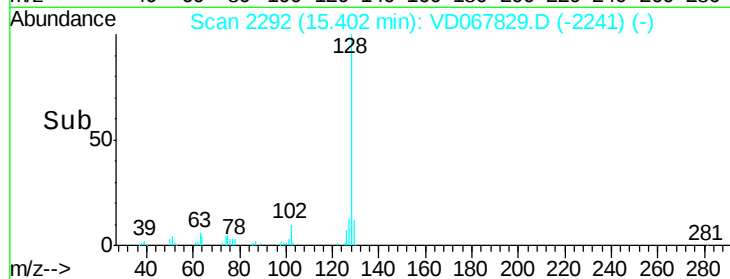
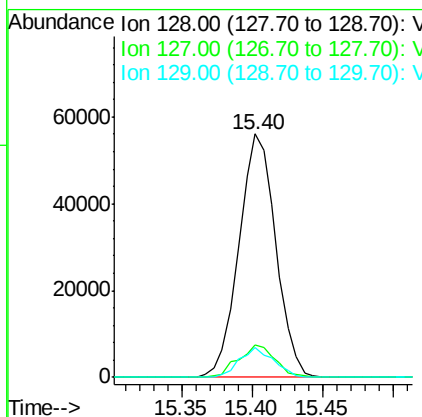
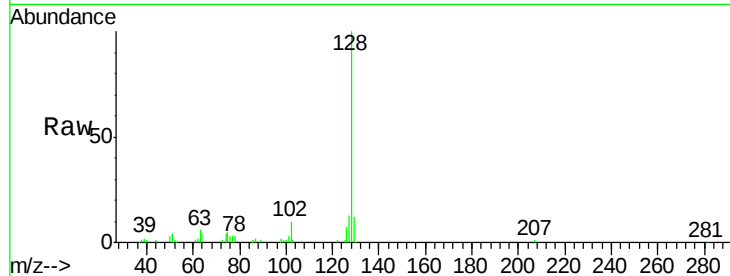
#95
Naphthalene
Concen: 19.546 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tot Ion:	128	Resp:	102377
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	15.8
129	11.3	9.0	13.6

Manual Integrations
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12/2/2020 12:23:57 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.715 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VD067829.D
Acq: 01 Dec 2020 11:28

Tgt Ion:	180	Resp:	57581
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.3	142.0
145	32.9	16.8	50.4

