

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110220\
 Data File : VD067486.D
 Acq On : 02 Nov 2020 12:48
 Operator : VA/SY
 Sample : VD1102SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

Manual Integrations
 APPROVED

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 11/3/2020 2:16:23 PM

Quant Time: Nov 03 01:24:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	283210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	415208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	380650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	193061	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	138278	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
35) Dibromofluoromethane	7.92	113	138747	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	10.34	98	499583	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.64	95	176740	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	46647	17.694	ug/l	99
3) Chloromethane	2.21	50	32478	18.222	ug/l	97
4) Vinyl Chloride	2.35	62	36542	18.685	ug/l	100
5) Bromomethane	2.77	94	30172	20.799	ug/l	91
6) Chloroethane	2.93	64	23230	19.073	ug/l #	83
7) Trichlorofluoromethane	3.28	101	103380	20.993	ug/l	86
8) Diethyl Ether	3.71	74	21442	19.028	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	51911	19.841	ug/l	98
10) Methyl Iodide	4.30	142	50855	21.071	ug/l	95
11) Tert butyl alcohol	5.21	59	15069	69.170	ug/l #	91
12) 1,1-Dichloroethene	4.07	96	46097	19.722	ug/l	87
13) Acrolein	3.93	56	6919	58.930	ug/l	98
14) Allyl chloride	4.72	41	54685	20.430	ug/l	97
15) Acrylonitrile	5.43	53	37043	98.519	ug/l	99
16) Acetone	4.16	43	39087	98.364	ug/l	92
17) Carbon Disulfide	4.41	76	120068	18.019	ug/l	97
18) Methyl Acetate	4.72	43	16996	18.752	ug/l #	74
19) Methyl tert-butyl Ether	5.48	73	89210	19.195	ug/l	97
20) Methylene Chloride	4.96	84	61696	21.698	ug/l	97
21) trans-1,2-Dichloroethene	5.49	96	53919	20.046	ug/l	92
22) Diisopropyl ether	6.37	45	101827	20.825	ug/l	96
23) Vinyl Acetate	6.31	43	273639	98.364	ug/l	100
24) 1,1-Dichloroethane	6.27	63	86293	20.616	ug/l	100
25) 2-Butanone	7.21	43	43302	95.598	ug/l #	89
26) 2,2-Dichloropropane	7.21	77	92607	21.465	ug/l	99
27) cis-1,2-Dichloroethene	7.22	96	58760	19.932	ug/l	95
28) Bromochloromethane	7.55	49	27506	19.266	ug/l #	98
29) Tetrahydrofuran	7.57	42	23569	93.605	ug/l	94
30) Chloroform	7.72	83	104914	20.982	ug/l	97
31) Cyclohexane	7.98	56	59580	18.231	ug/l #	90
32) 1,1,1-Trichloroethane	7.91	97	101944	20.779	ug/l	97
36) 1,1-Dichloropropene	8.11	75	72679	20.652	ug/l	99
37) Ethyl Acetate	7.30	43	21687	20.946	ug/l #	73
38) Carbon Tetrachloride	8.10	117	99305	22.078	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	74007	20.116	ug/l	98
40) Benzene	8.36	78	203096	21.037	ug/l	94
41) Methacrylonitrile	7.54	41	13689m	24.466	ug/l	
42) 1,2-Dichloroethane	8.43	62	65163	21.568	ug/l	100
43) Isopropyl Acetate	8.46	43	41371	20.137	ug/l	98
44) Trichloroethene	9.11	130	65322	21.132	ug/l	99
45) 1,2-Dichloropropane	9.40	63	45027	20.124	ug/l	96
46) Dibromomethane	9.48	93	28165	20.203	ug/l	97
47) Bromodichloromethane	9.67	83	79155	21.193	ug/l	98
48) Methyl methacrylate	9.46	41	18994	19.024	ug/l	98
49) 1,4-Dioxane	9.47	88	6033	429.877	ug/l #	83
51) 4-Methyl-2-Pentanone	10.24	43	99195	96.802	ug/l	99
52) Toluene	10.41	92	142987	21.745	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	68096	20.754	ug/l #	88
54) cis-1,3-Dichloropropene	10.10	75	79510	20.707	ug/l	97
55) 1,1,2-Trichloroethane	10.81	97	38267	20.130	ug/l	92
56) Ethyl methacrylate	10.67	69	39146	19.855	ug/l	98
57) 1,3-Dichloropropane	10.96	76	63363	20.944	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.95	63	103981	102.809	ug/l	96
59) 2-Hexanone	10.99	43	69520	99.282	ug/l	100
60) Dibromochloromethane	11.15	129	58771	21.199	ug/l	99
61) 1,2-Dibromoethane	11.26	107	37649	20.089	ug/l	99
64) Tetrachloroethene	10.88	164	58966	21.381	ug/l	90
65) Chlorobenzene	11.68	112	156200	21.399	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	63633	21.934	ug/l	99
67) Ethyl Benzene	11.75	91	265640	21.230	ug/l	99
68) m/p-Xylenes	11.86	106	212534	44.109	ug/l	99
69) o-Xylene	12.19	106	94013	21.070	ug/l	98
70) Styrene	12.20	104	164921	21.472	ug/l	98
71) Bromoform	12.37	173	32070	20.577	ug/l #	96
73) Isopropylbenzene	12.49	105	272609	22.248	ug/l	100
74) N-amyl acetate	12.30	43	36321	19.627	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	37707	20.084	ug/l	96
76) 1,2,3-Trichloropropane	12.79	75	31836m	23.792	ug/l	
77) Bromobenzene	12.77	156	66262	21.691	ug/l	98
78) n-propylbenzene	12.83	91	311381	21.934	ug/l	98
79) 2-Chlorotoluene	12.91	91	177683	21.582	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	232440	21.830	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	13437	22.772	ug/l	93
82) 4-Chlorotoluene	13.01	91	191599	21.927	ug/l	99
83) tert-Butylbenzene	13.23	119	191562	21.298	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	231343	21.983	ug/l	98
85) sec-Butylbenzene	13.41	105	271766	22.021	ug/l	99
86) p-Isopropyltoluene	13.53	119	259635	22.289	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	126566	21.526	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	126836	21.773	ug/l	98
89) n-Butylbenzene	13.85	91	219312	21.401	ug/l	99
90) Hexachloroethane	14.12	117	44445	21.864	ug/l	93
91) 1,2-Dichlorobenzene	13.90	146	114224	22.238	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6274	18.395	ug/l	96

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ClientSampleId :
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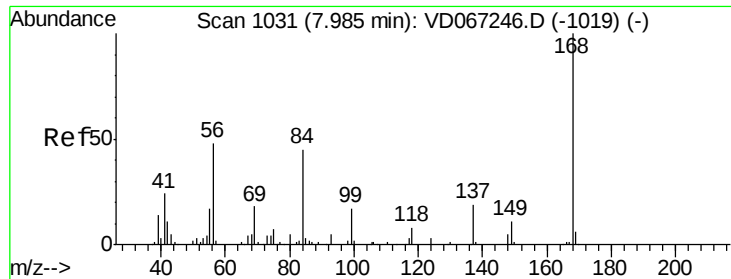
Manual Integrations
APPROVED

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11/3/2020 2:16:23 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	74086	21.393	ug/l	99
94) Hexachlorobutadiene	15.27	225	46848	21.784	ug/l	96
95) Naphthalene	15.41	128	114039	20.056	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	62670	20.947	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBS01

Tot Ion:168 Resp: 283210

Ion Ratio Lower Upper

168 100

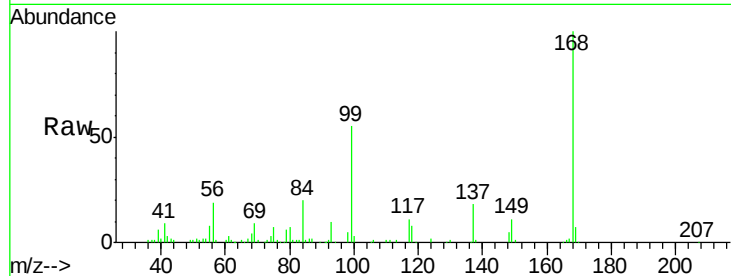
99 54.8 45.9 68.9

Manual Integrations

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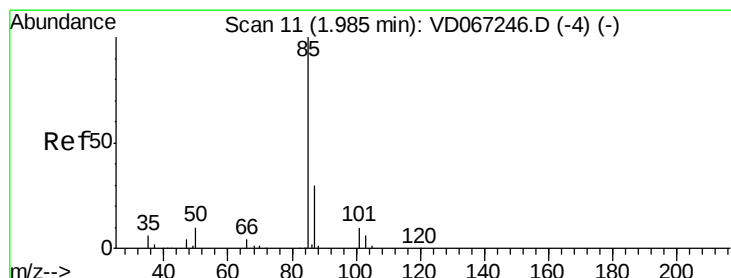
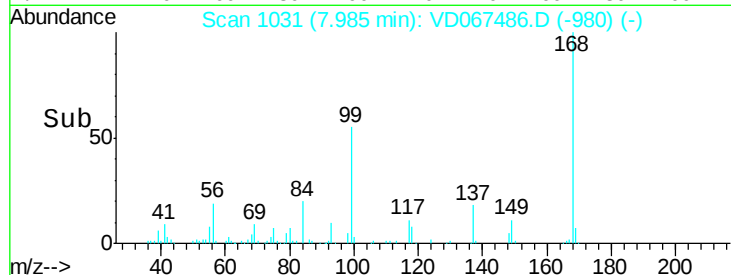
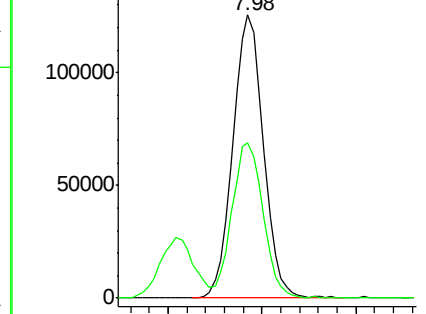
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 17.694 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067486.D

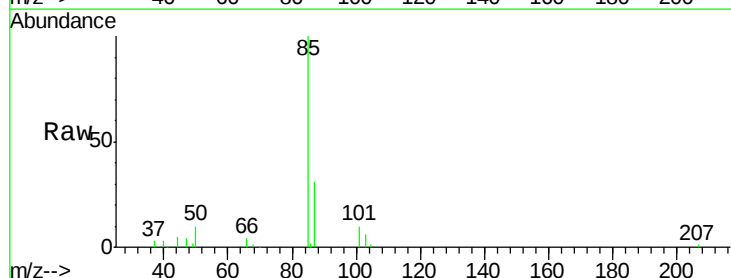
Acq: 02 Nov 2020 12:48

Tgt Ion: 85 Resp: 46647

Ion Ratio Lower Upper

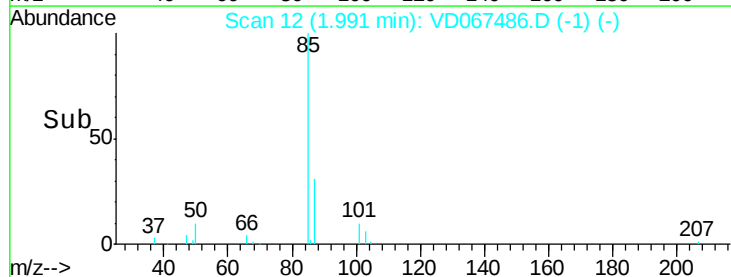
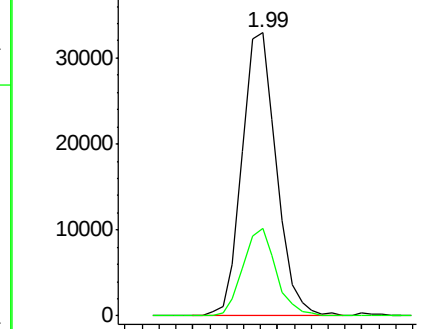
85 100

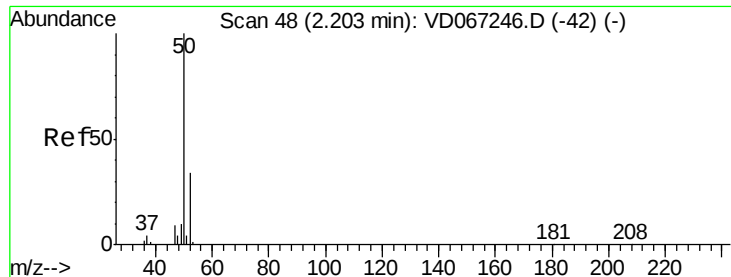
87 31.0 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.222 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBS01

Tot Ion: 50 Resp: 32478

Ion Ratio Lower Upper

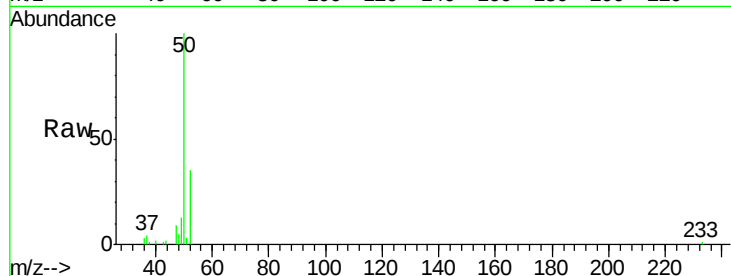
50 100

52 35.4 27.1 40.7

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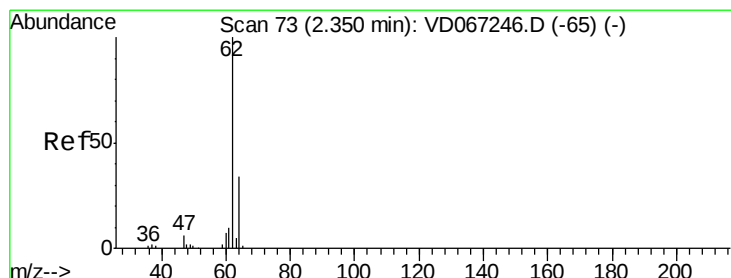
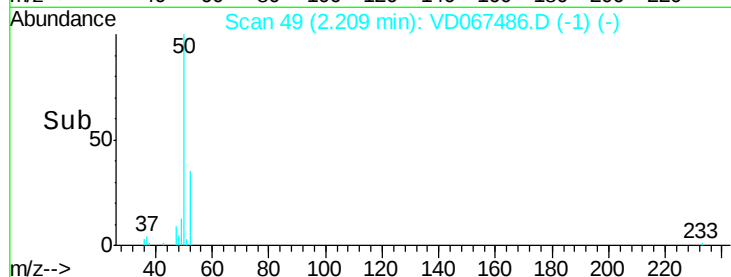
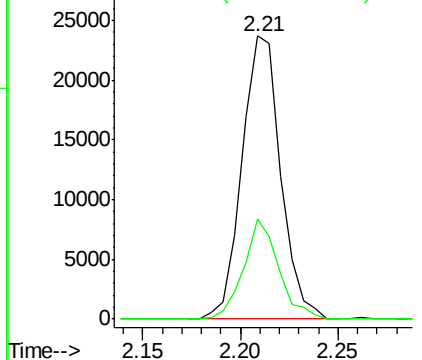
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 18.685 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067486.D

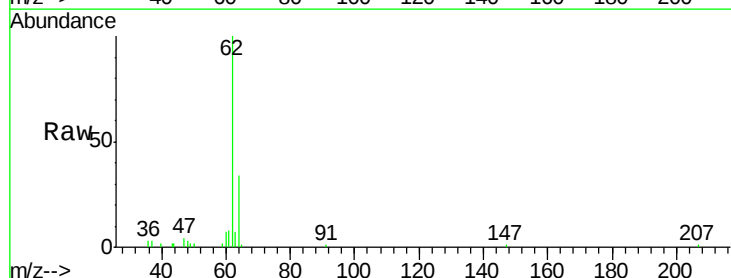
Acq: 02 Nov 2020 12:48

Tgt Ion: 62 Resp: 36542

Ion Ratio Lower Upper

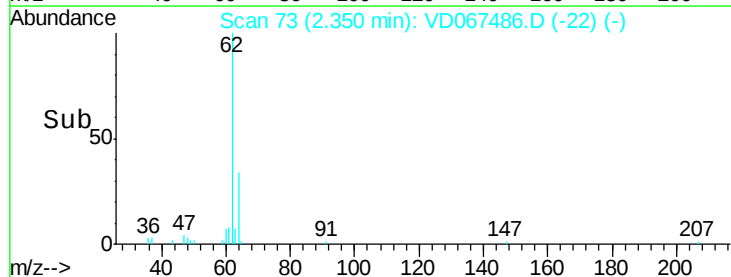
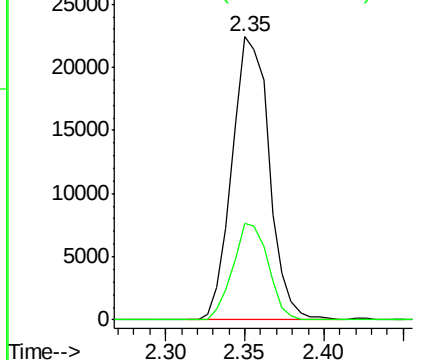
62 100

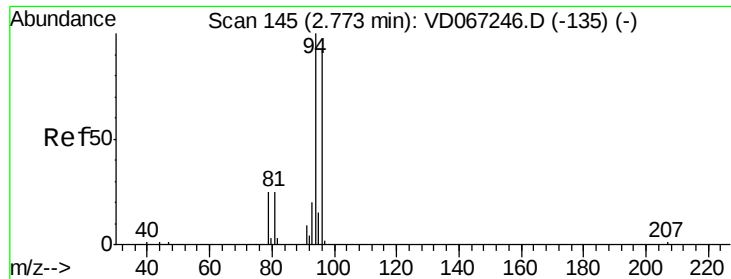
64 34.1 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.799 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBSD01

Tot Ion: 94 Resp: 30172

Ion Ratio Lower Upper

94 100

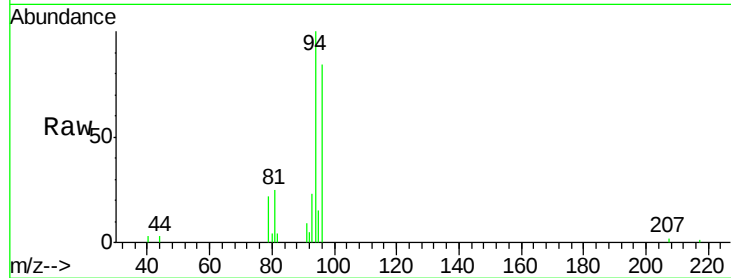
96 83.9 73.8 110.6

Manual Integrations

APPROVED

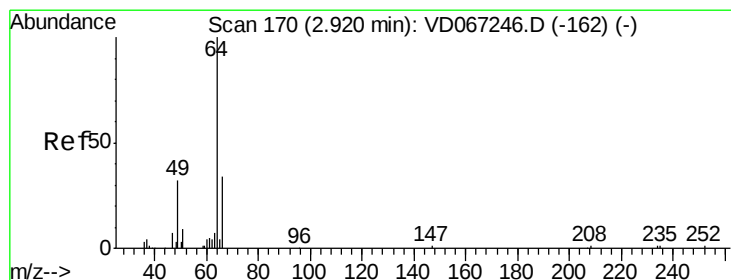
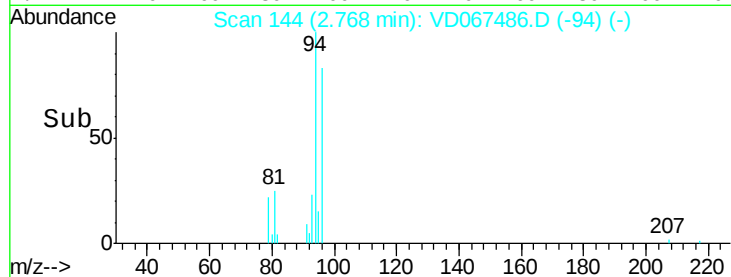
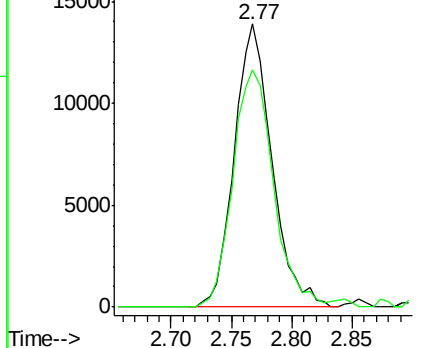
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.073 ug/l

RT: 2.93 min Scan# 172

Delta R.T. 0.01 min

Lab File: VD067486.D

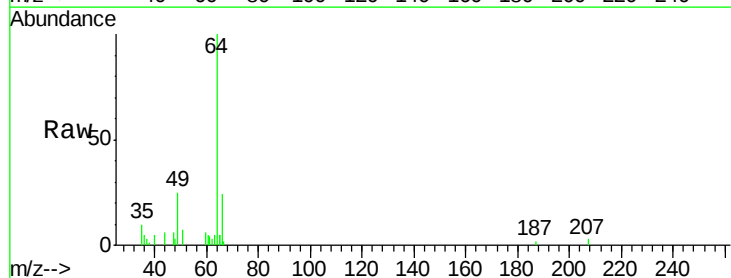
Acq: 02 Nov 2020 12:48

Tgt Ion: 64 Resp: 23230

Ion Ratio Lower Upper

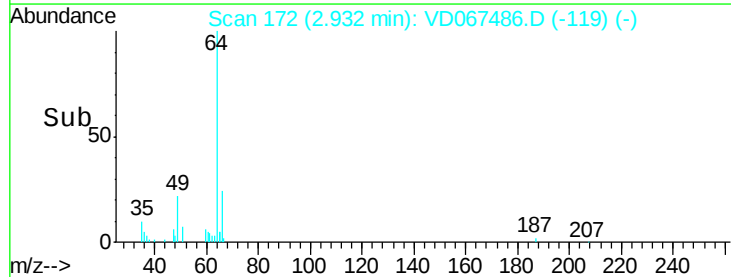
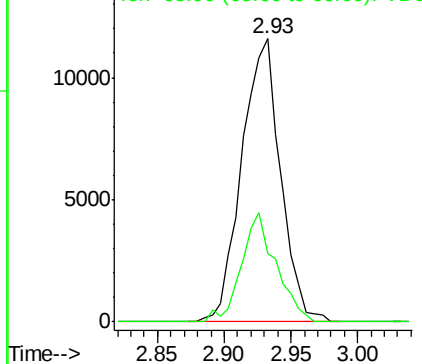
64 100

66 24.4 27.4 41.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

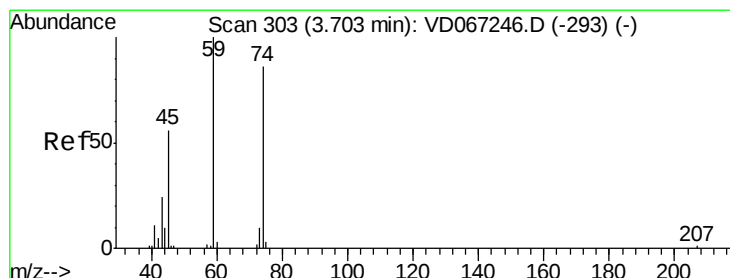
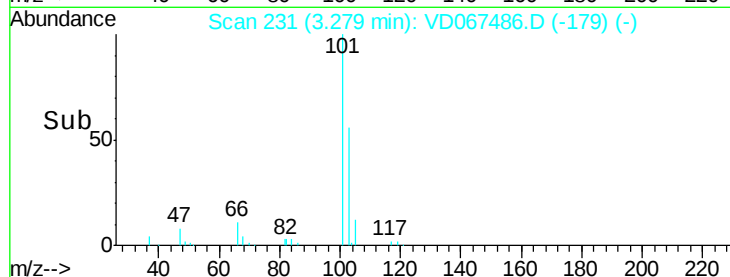
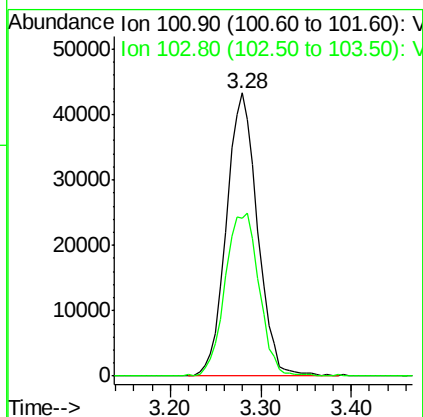
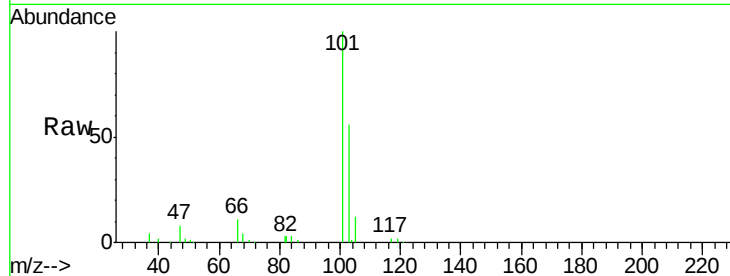
Trichlorofluoromethane
Concen: 20.993 ug/l
RT: 3.28 min Scan# 231
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
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ClientSampleId :
VD1102SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	103380		
103	55.3	53.1	79.7	

Manual Integrations
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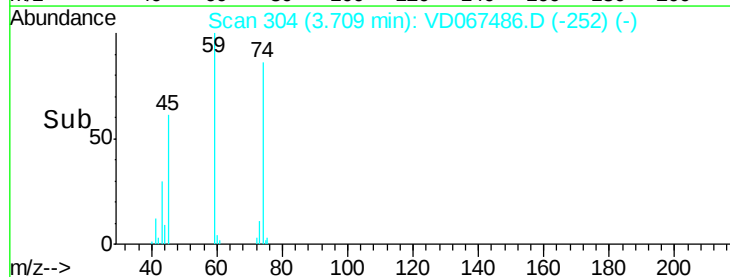
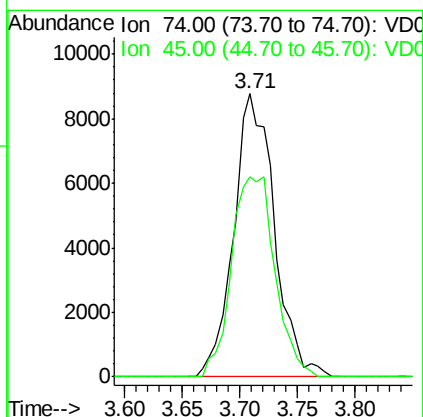
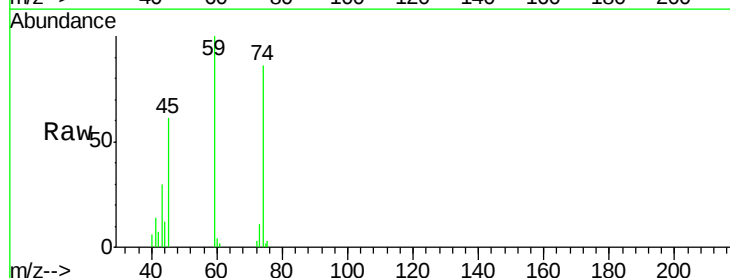
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11/3/2020 2:16:23 PM

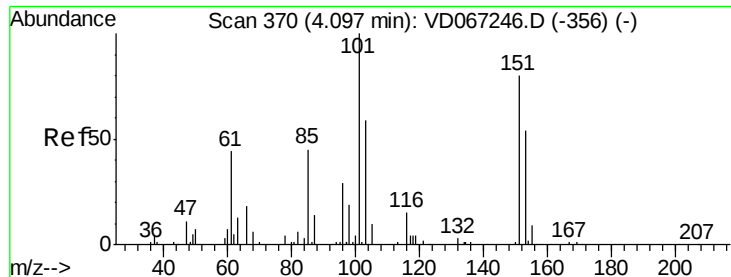


#8

Diethyl Ether
Concen: 19.028 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	21442		
45	75.6	37.0	111.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.841 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

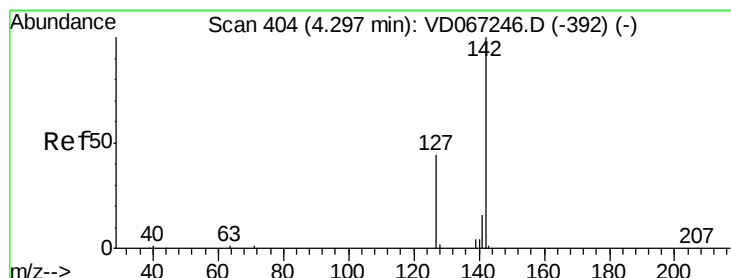
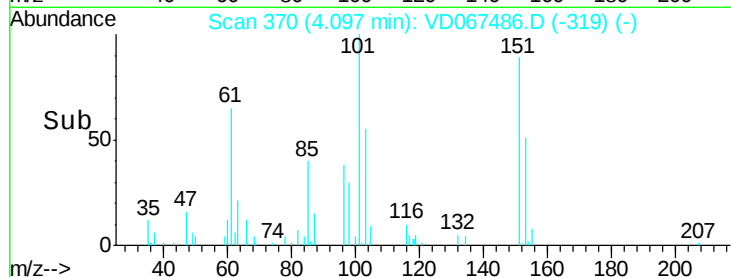
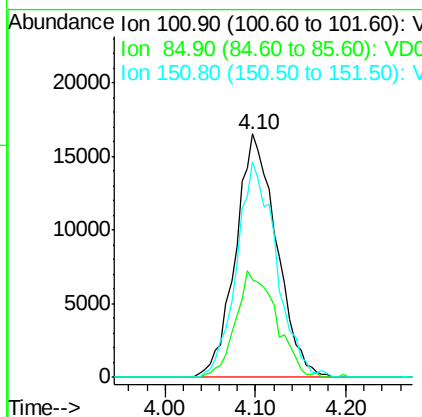
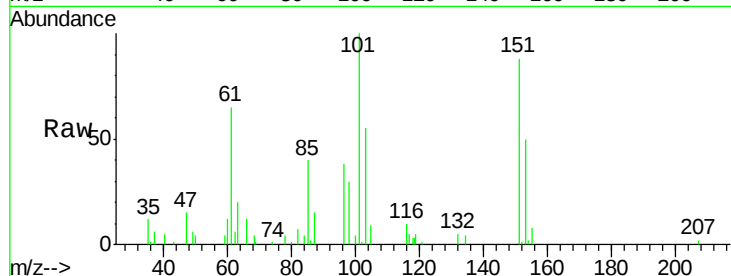
ClientSampleId :

VD1102SBS01

Tot Ion:	101	Resp:	51911
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.2	51.4
151	85.9	66.3	99.5

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#10

Methyl Iodide

Concen: 21.071 ug/l

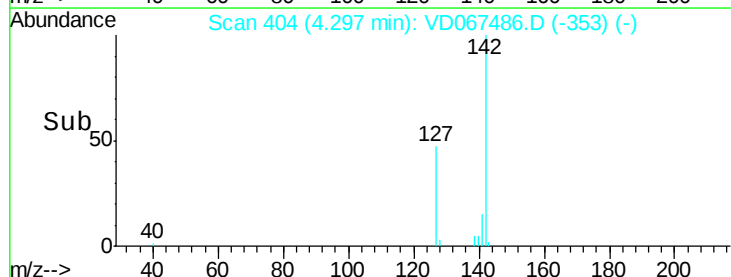
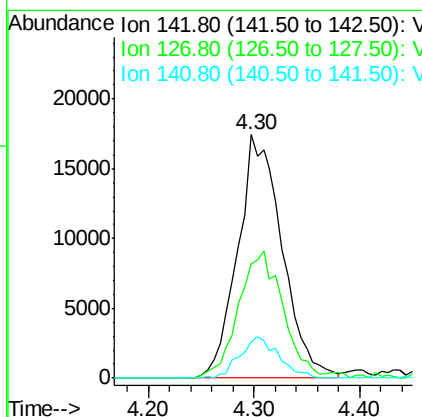
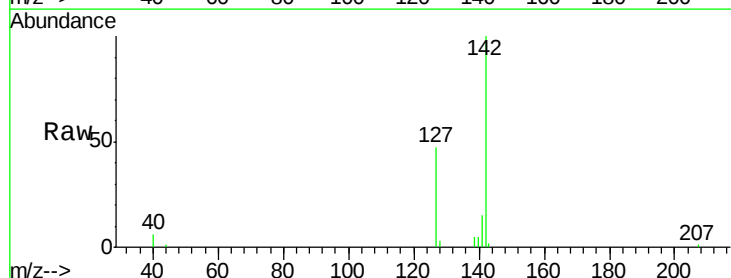
RT: 4.30 min Scan# 404

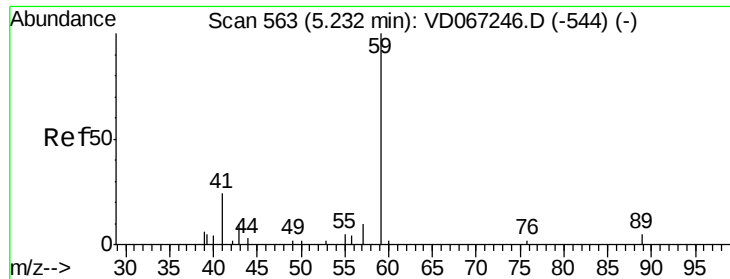
Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Tgt Ion:	142	Resp:	50855
Ion Ratio	Lower	Upper	
142	100		
127	51.9	38.4	57.6
141	14.9	11.6	17.4





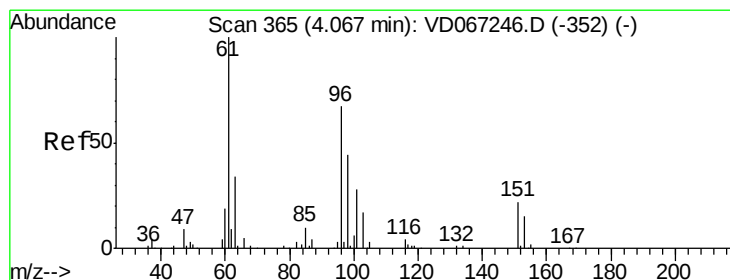
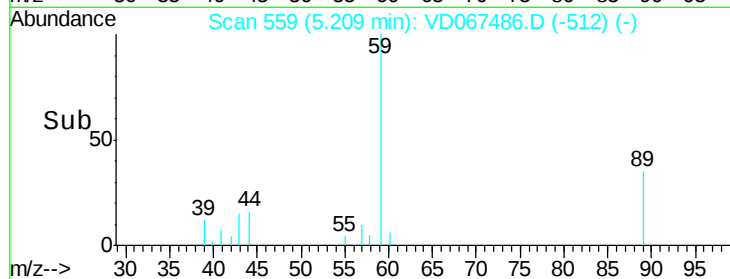
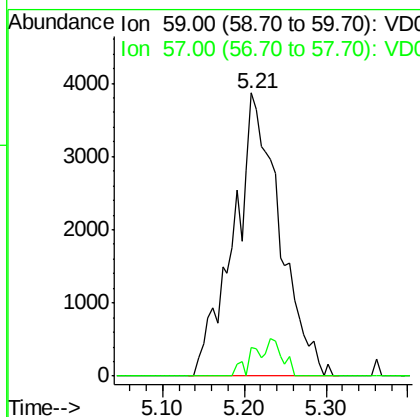
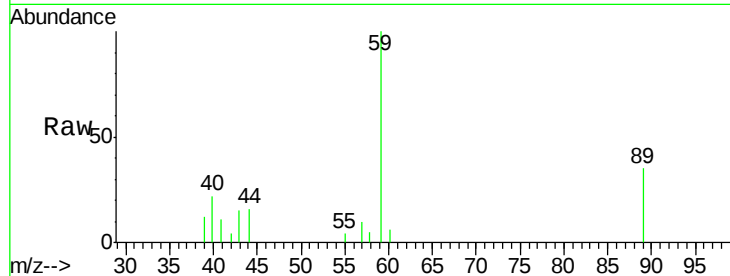
#11
Tert butyl alcohol
Concen: 69.170 ug/l
RT: 5.21 min Scan# 559
Delta R.T. -0.02 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

Tot Ion: 59 Resp: 15069
Ion Ratio Lower Upper
59 100
57 3.2 5.1 7.7#

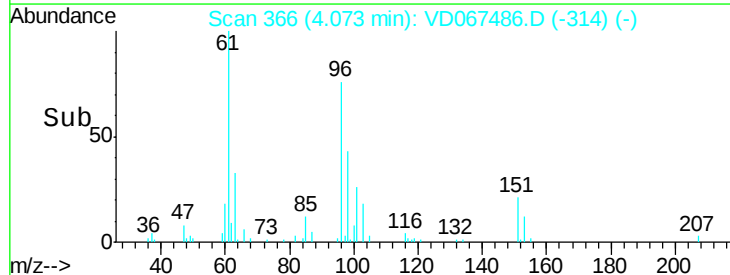
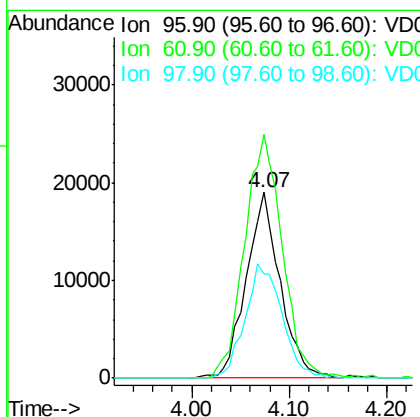
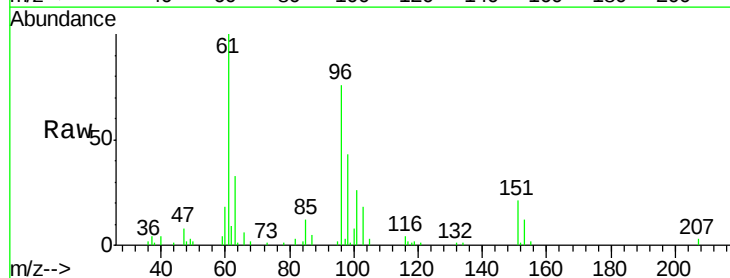
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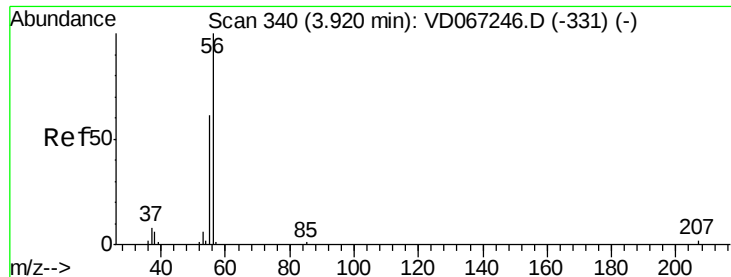
MMDadoda
11/3/2020 2:16:23 PM



#12
1,1-Dichloroethene
Concen: 19.722 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion: 96 Resp: 46097
Ion Ratio Lower Upper
96 100
61 131.3 118.6 177.8
98 56.5 51.8 77.6





#13

Acrolein

Concen: 58.930 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBS01

Tot Ion: 56 Resp: 6919

Ion Ratio Lower Upper

56 100

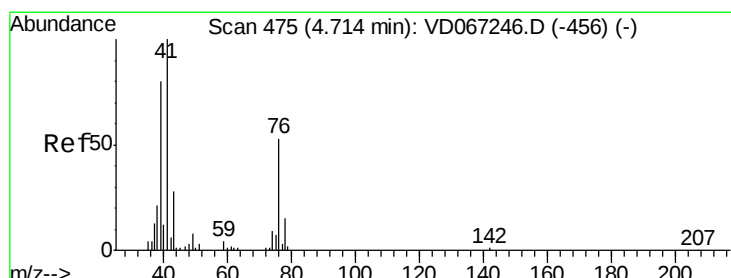
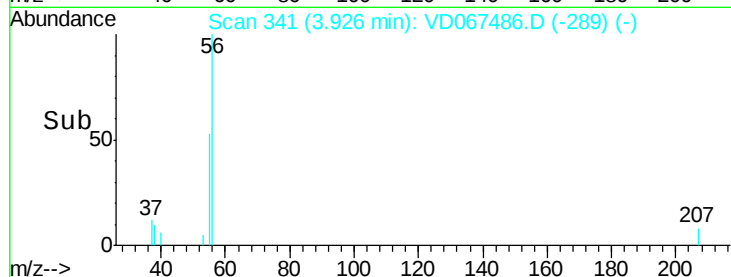
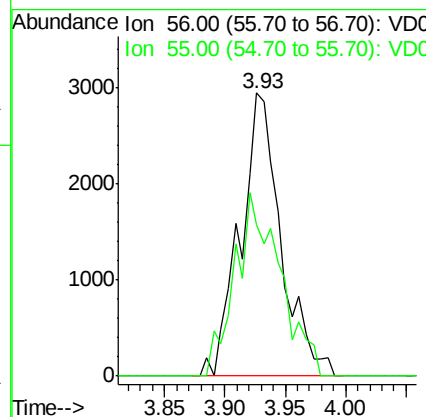
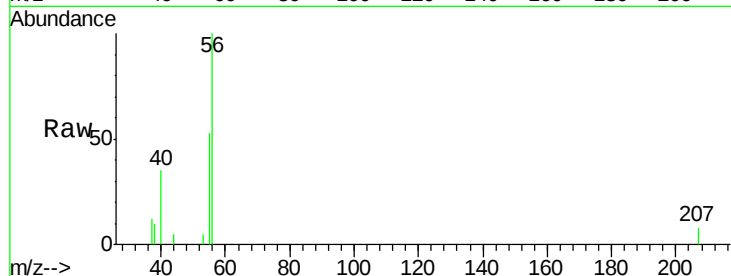
55 71.7 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 20.430 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

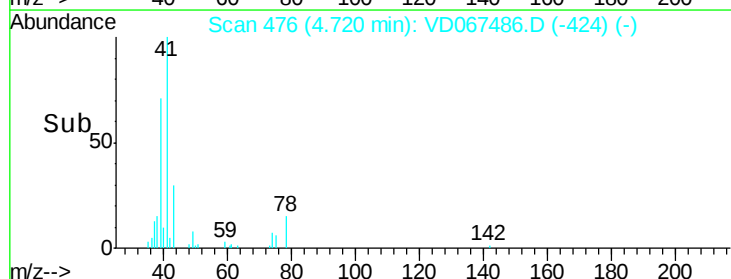
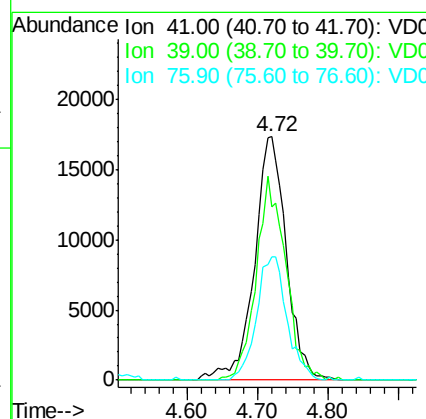
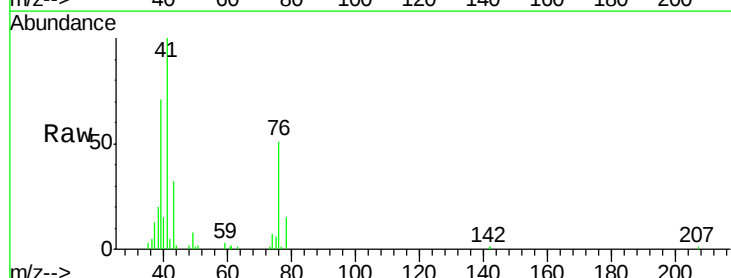
Tgt Ion: 41 Resp: 54685

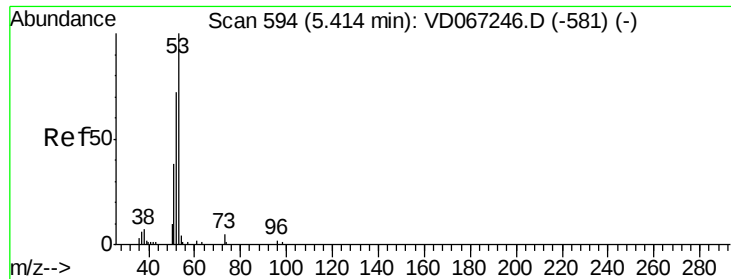
Ion Ratio Lower Upper

41 100

39 77.7 63.8 95.6

76 48.3 40.4 60.6





#15

Acrylonitrile

Concen: 98.519 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

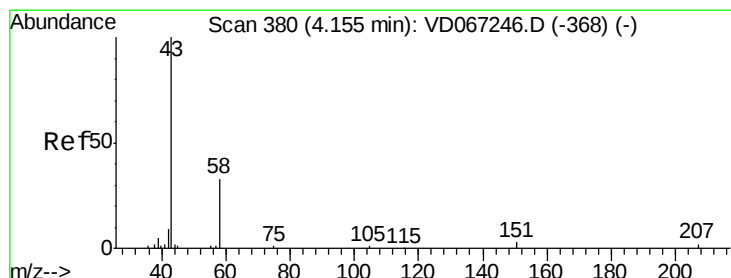
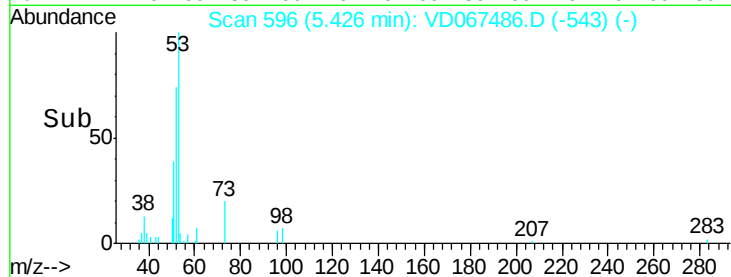
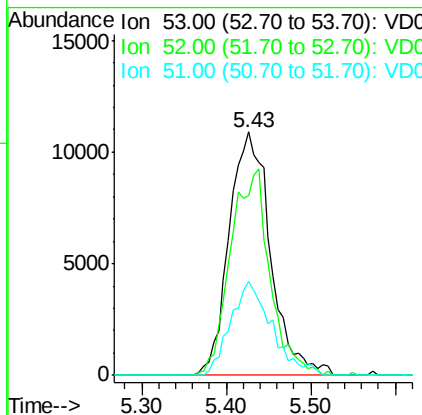
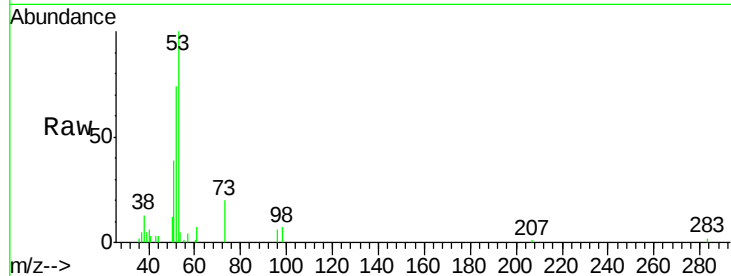
ClientSampleId :

VD1102SBS01

Tot Ion:	53	Resp:	37043
Ion Ratio	Lower	Upper	
53	100		
52	80.5	65.6	98.4
51	38.3	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 98.364 ug/l

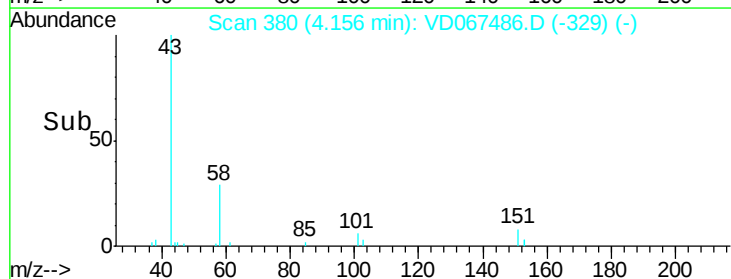
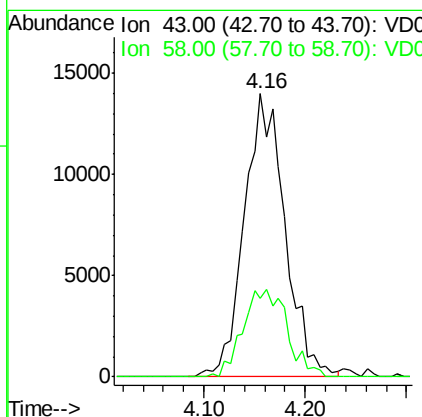
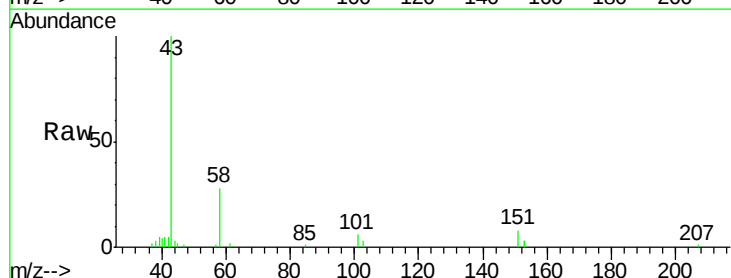
RT: 4.16 min Scan# 380

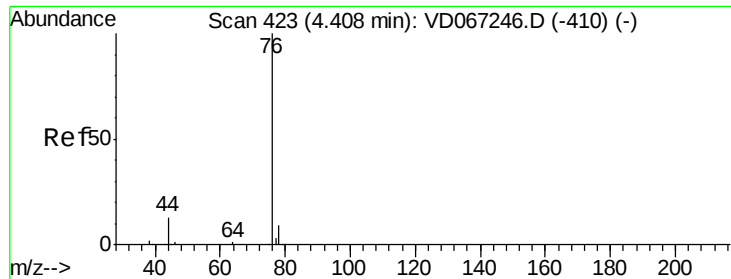
Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Tgt Ion:	43	Resp:	39087
Ion Ratio	Lower	Upper	
43	100		
58	27.9	26.1	39.1





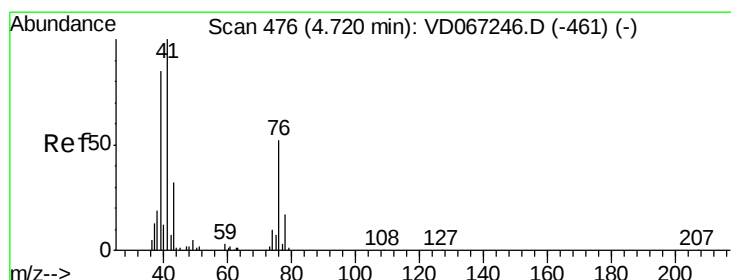
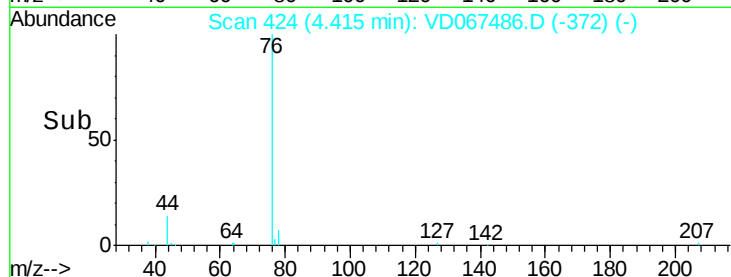
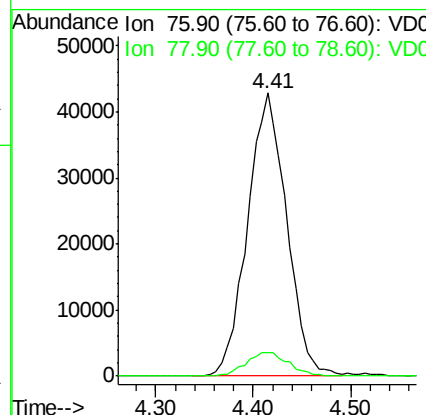
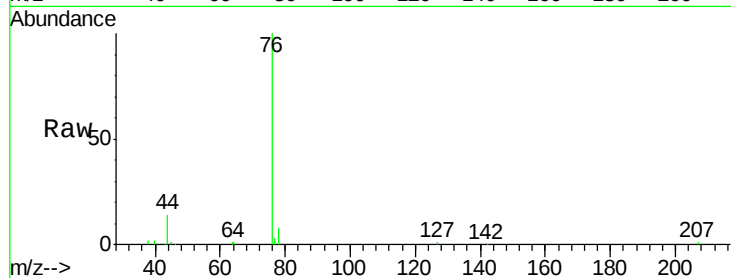
#17
Carbon Disulfide
Concen: 18.019 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.4	11.0

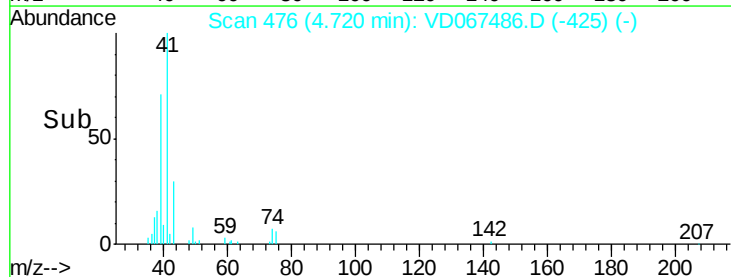
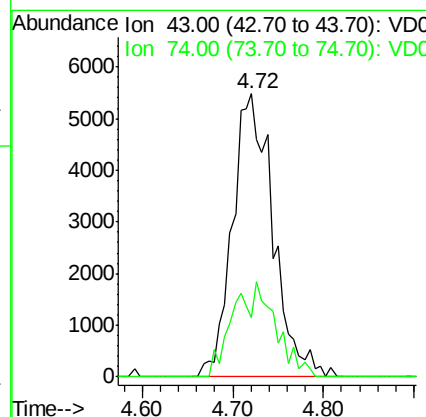
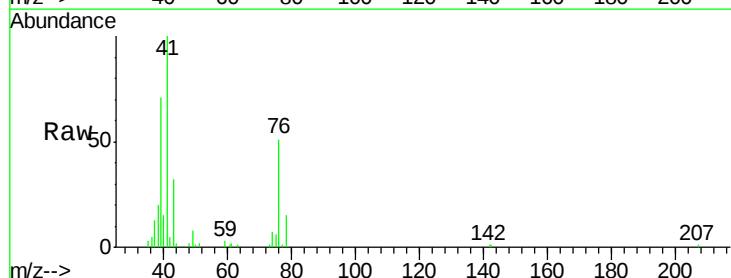
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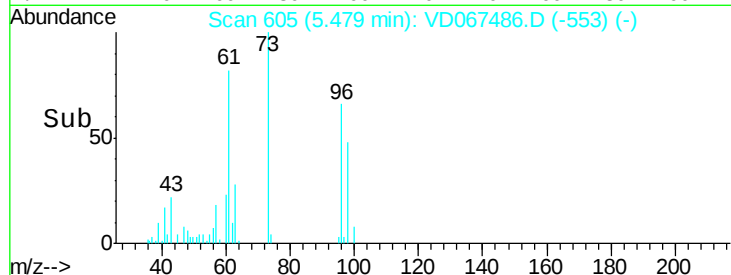
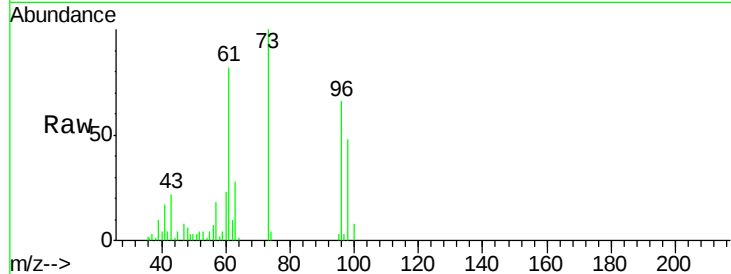
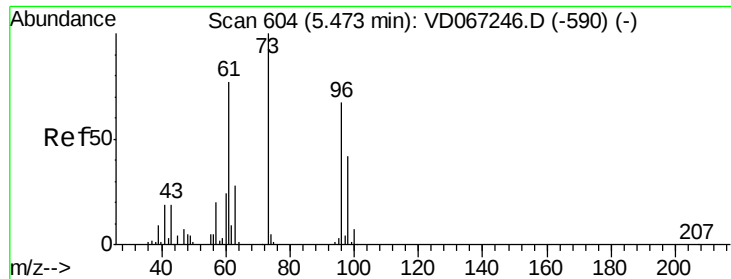
MMDadoda
11/3/2020 2:16:23 PM



#18
Methyl Acetate
Concen: 18.752 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	18.5	26.6	39.8#





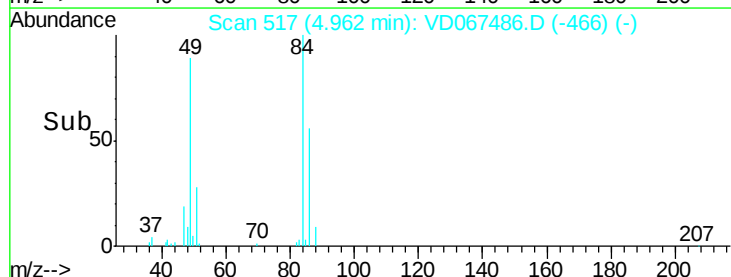
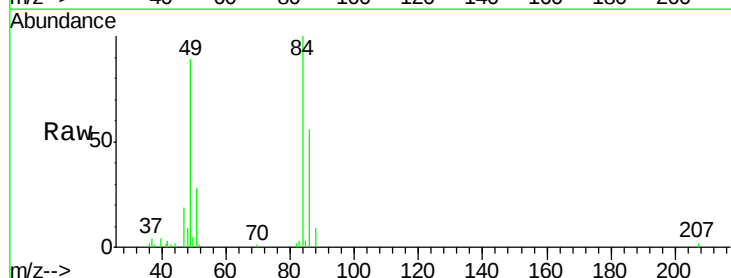
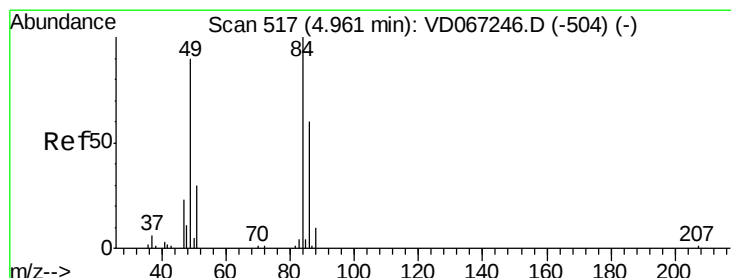
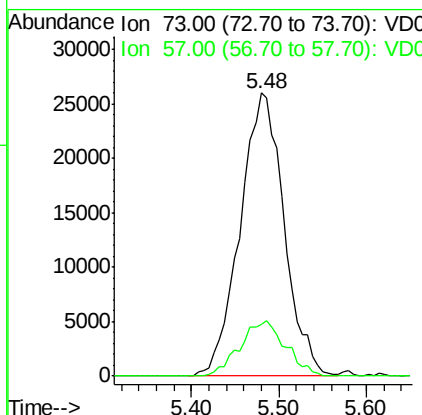
#19
Methvl tert-butvl Ether
Concen: 19.195 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tot Ion: 73 Resp: 89210
Ion Ratio Lower Upper
73 100
57 18.3 15.7 23.5

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

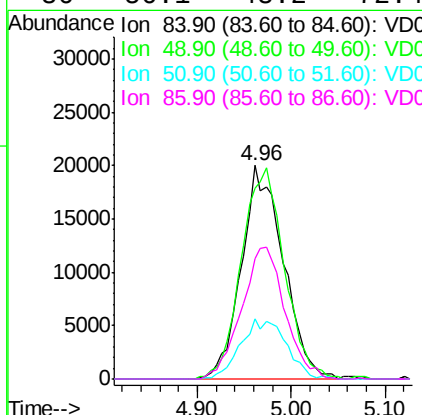
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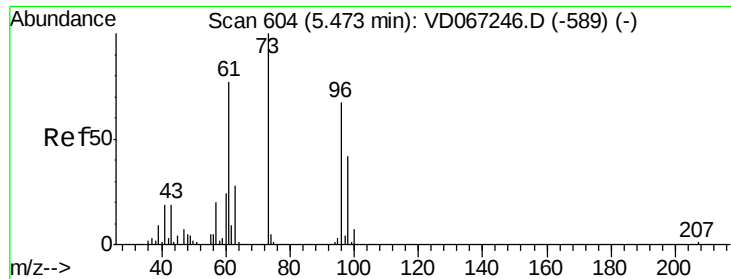
MMDadoda
11/3/2020 2:16:23 PM



#20
Methylene Chloride
Concen: 21.698 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion: 84 Resp: 61696
Ion Ratio Lower Upper
84 100
49 89.3 72.2 108.2
51 28.2 23.8 35.8
86 56.1 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 20.046 ug/l

RT: 5.49 min Scan# 606

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

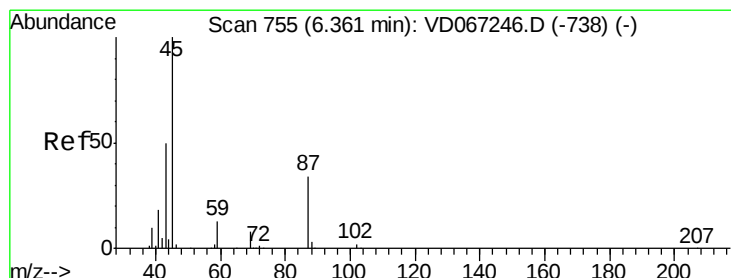
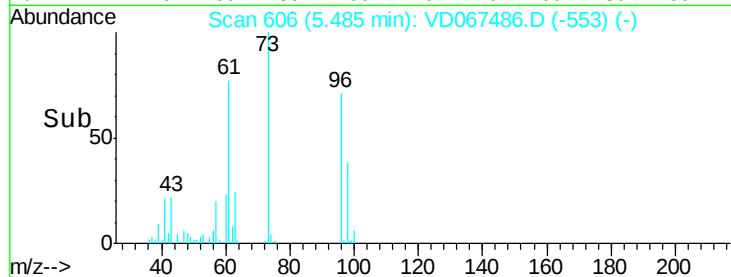
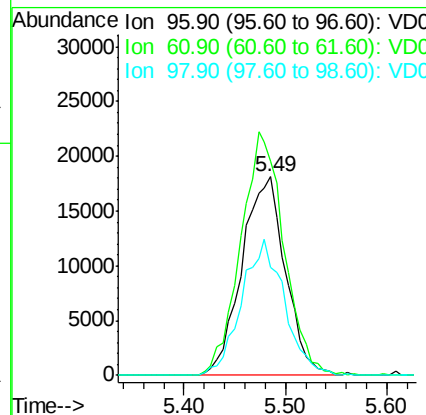
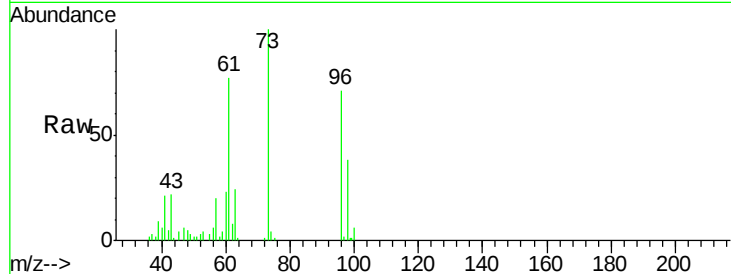
ClientSampleId :

VD1102SBS01

Tot Ion:	96	Resp:	53919
Ion	Ratio	Lower	Upper
96	100		
61	108.1	92.0	138.0
98	54.3	49.8	74.8

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#22

Diisopropyl ether

Concen: 20.825 ug/l

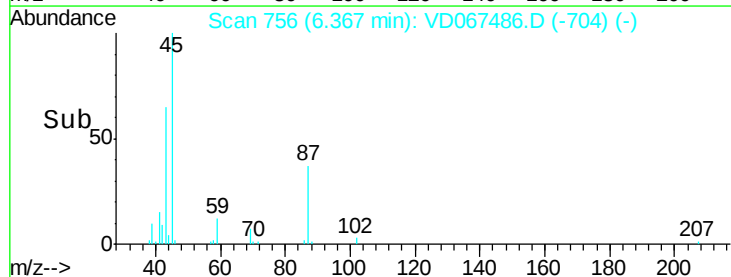
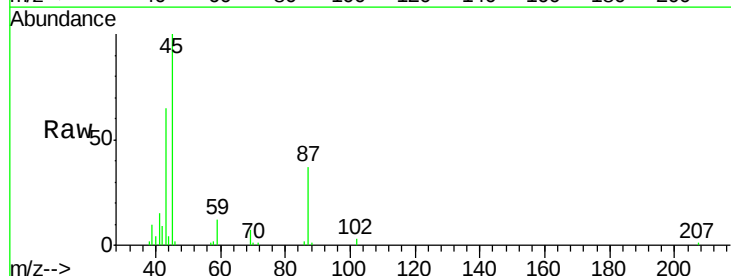
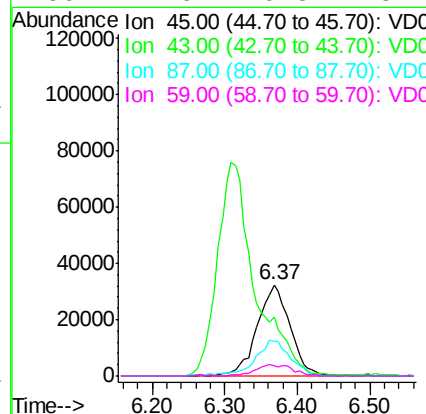
RT: 6.37 min Scan# 756

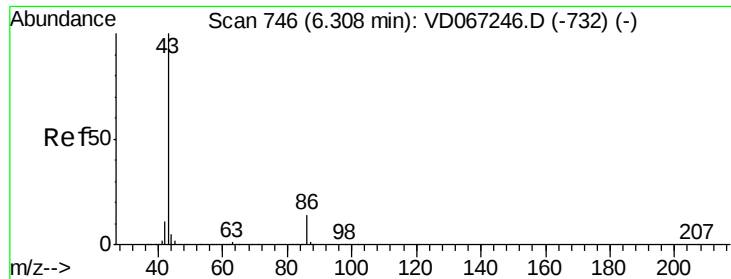
Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Tgt Ion:	45	Resp:	101827
Ion	Ratio	Lower	Upper
45	100		
43	64.0	48.0	72.0
87	37.4	28.5	42.7
59	11.6	10.5	15.7





#23

Vinyl Acetate

Concen: 98.364 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBS01

Tot Ion: 43 Resp: 273639

Ion Ratio Lower Upper

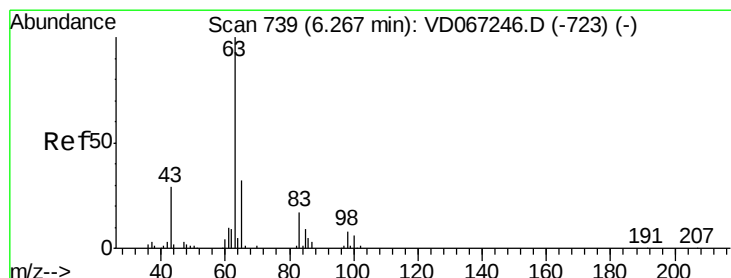
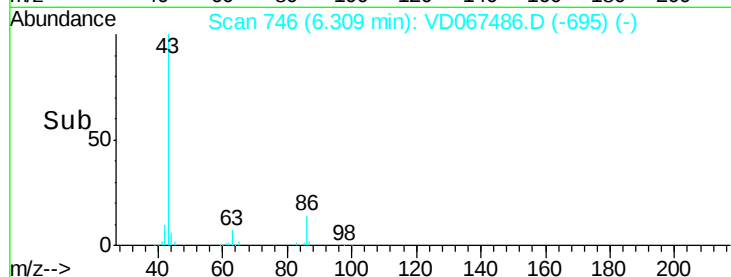
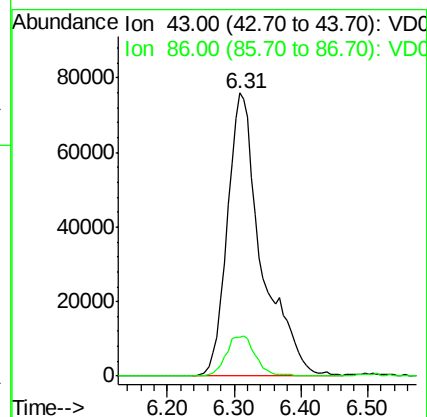
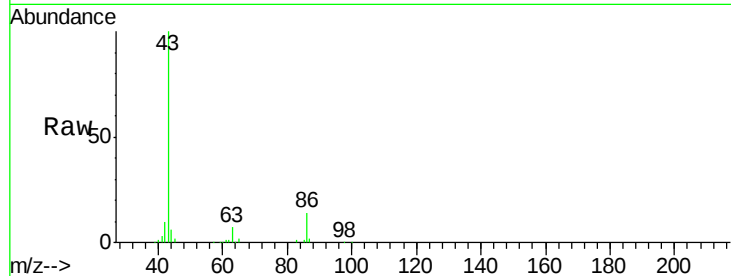
43 100

86 13.8 11.0 16.6

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#24

1,1-Dichloroethane

Concen: 20.616 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

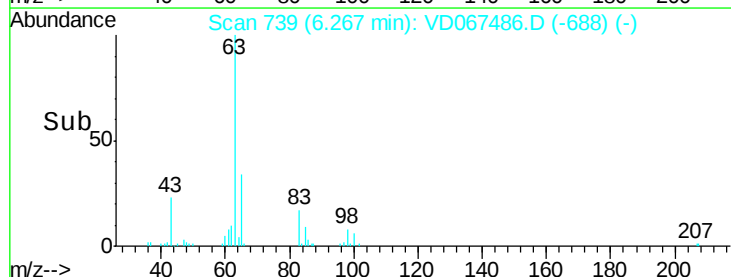
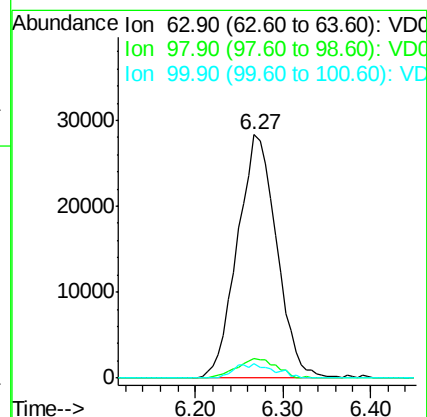
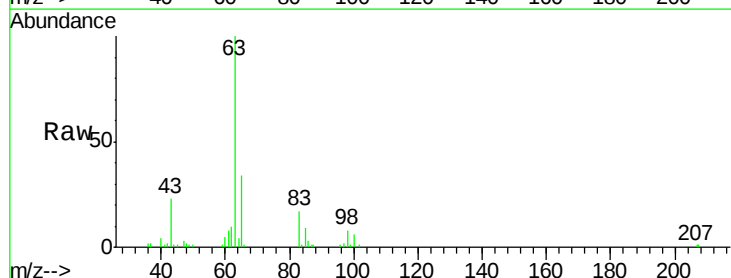
Tgt Ion: 63 Resp: 86293

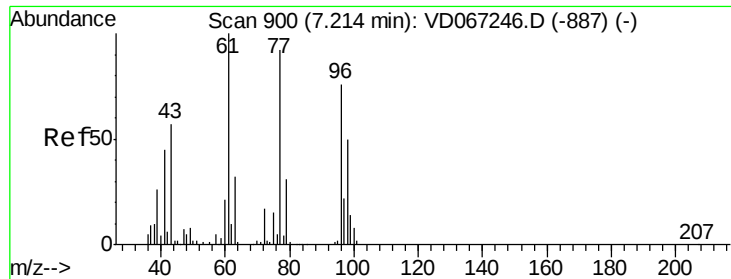
Ion Ratio Lower Upper

63 100

98 8.1 4.0 12.2

100 5.9 2.8 8.4





#25

2-Butanone

Concen: 95.598 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBSD01

Tot Ion: 43 Resp: 43302

Ion Ratio Lower Upper

43 100

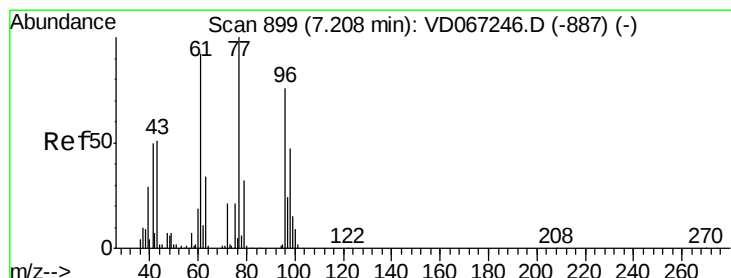
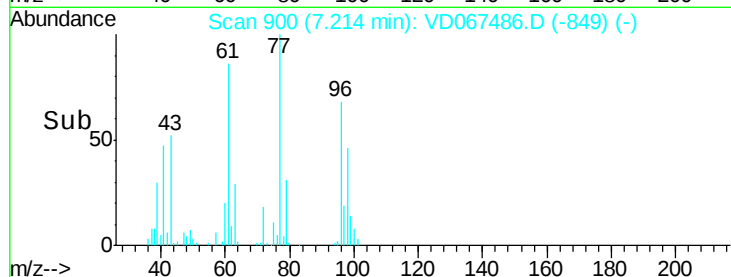
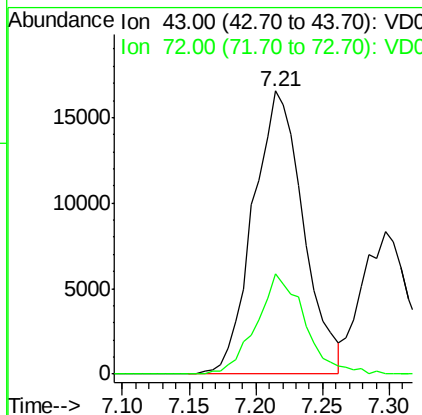
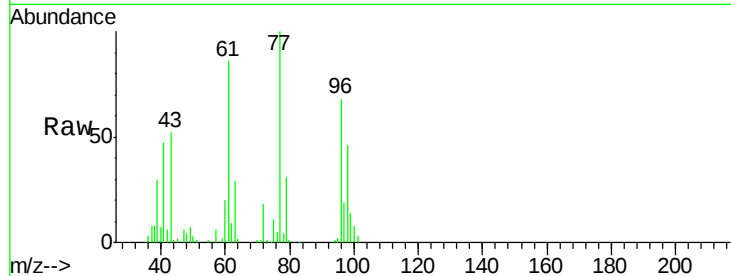
72 35.6 23.7 35.5#

Manual Integrations

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11/3/2020 2:16:23 PM



#26

2,2-Dichloropropane

Concen: 21.465 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067486.D

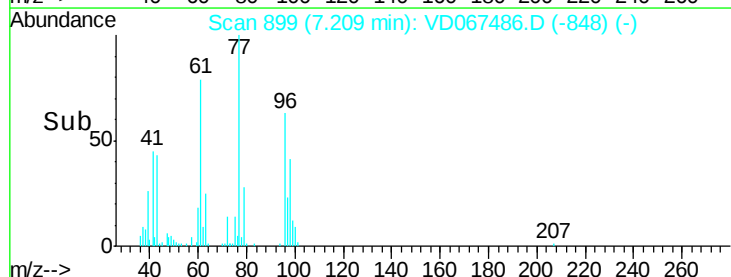
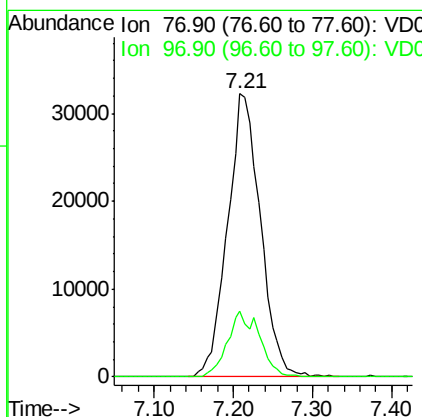
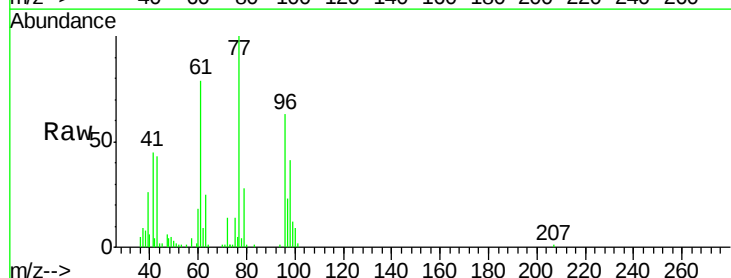
Acq: 02 Nov 2020 12:48

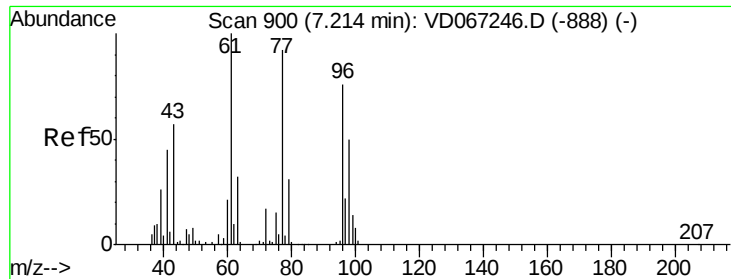
Tgt Ion: 77 Resp: 92607

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.2





#27

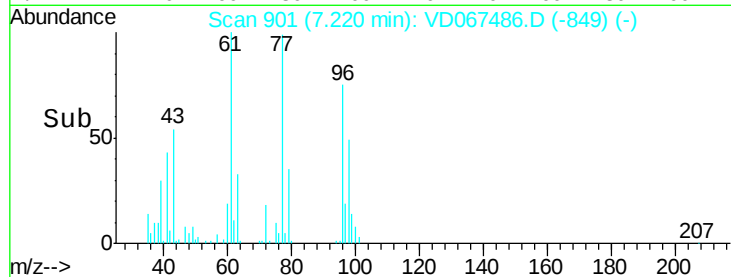
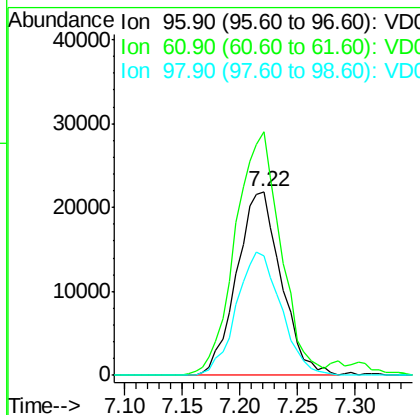
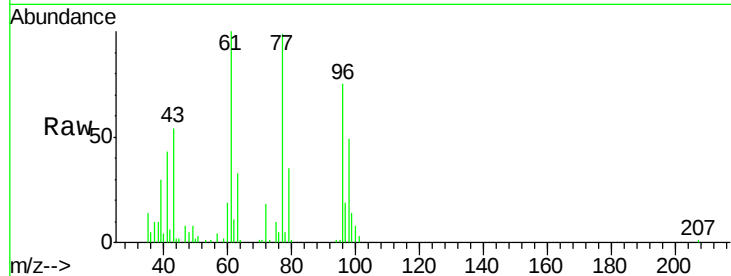
cis-1,2-Dichloroethene
Concen: 19.932 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	58760		
61	134.9		0.0	255.4
98	67.0		0.0	128.0

Manual Integrations
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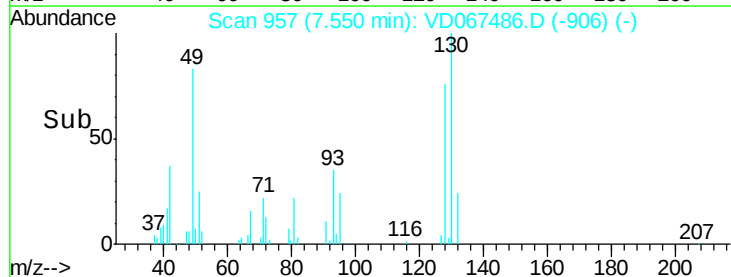
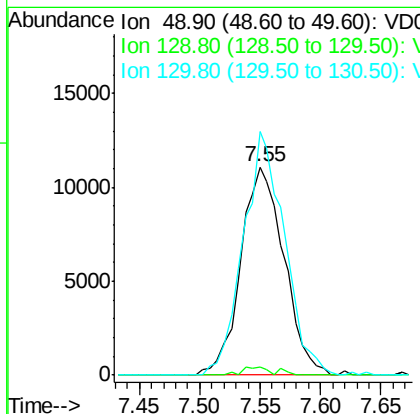
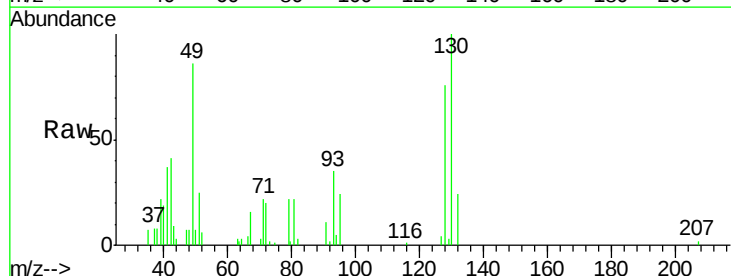
MMDadoda
11/3/2020 2:16:23 PM

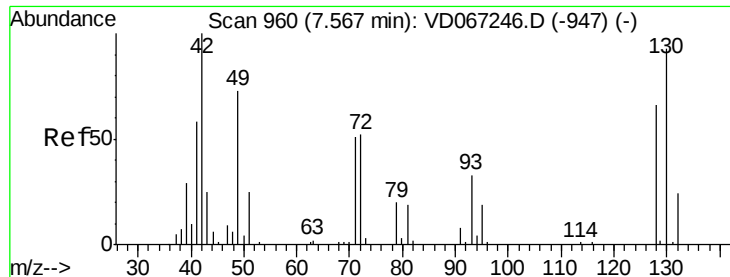


#28

Bromochloromethane
Concen: 19.266 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	27506		
129	2.2		0.0	1.6#
130	111.9		91.0	136.6





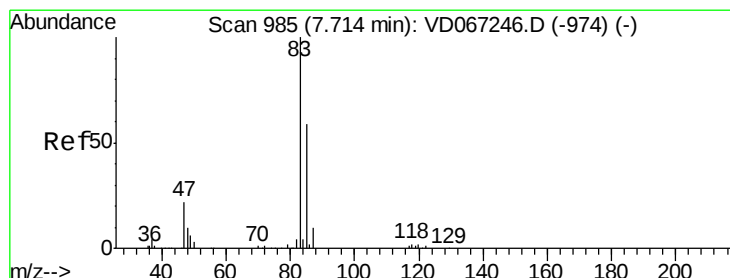
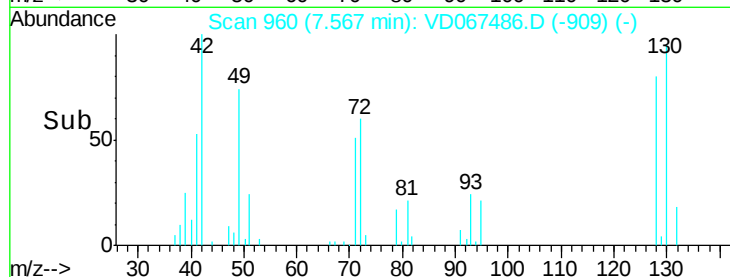
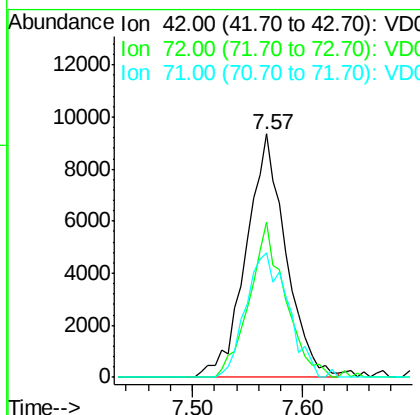
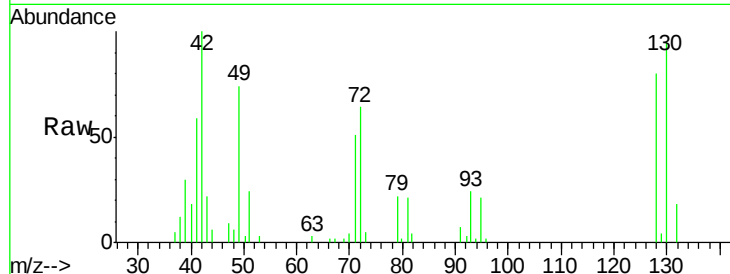
#29
Tetrahydrofuran
Concen: 93.605 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	57.4	43.2	64.8
71	53.8	39.4	59.0

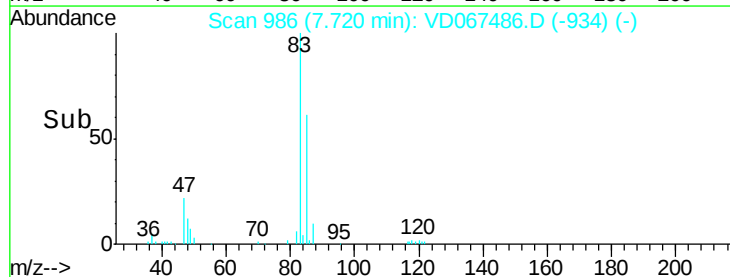
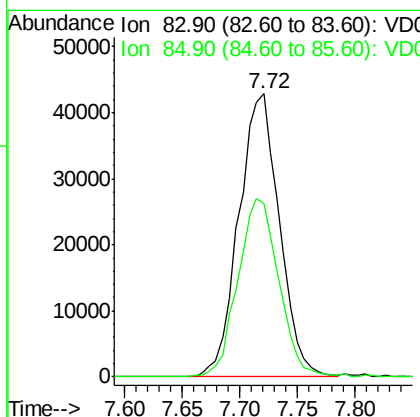
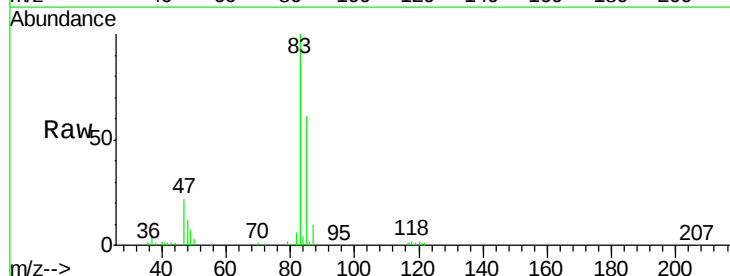
Manual Integrations
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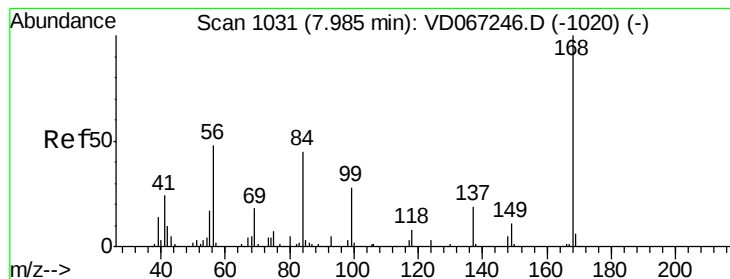
MMDadoda
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#30
Chloroform
Concen: 20.982 ug/l
RT: 7.72 min Scan# 986
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.2	47.3	70.9





#31

Cyclohexane

Concen: 18.231 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBS01

Tot Ion: 56 Resp: 59580

Ion Ratio Lower Upper

56 100

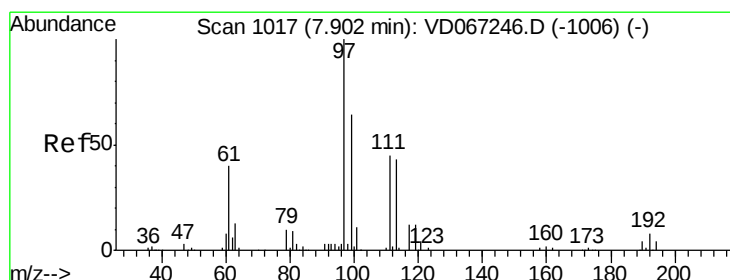
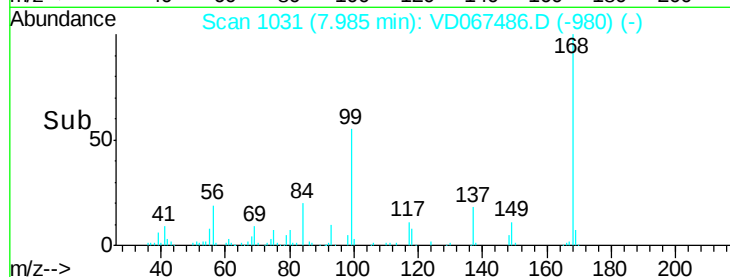
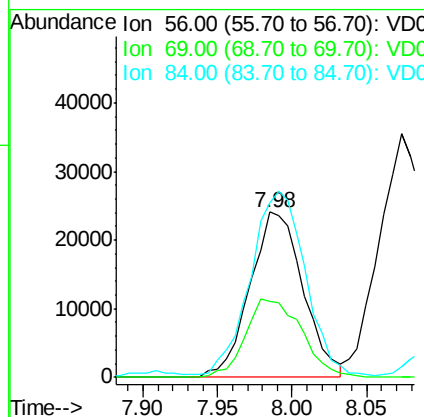
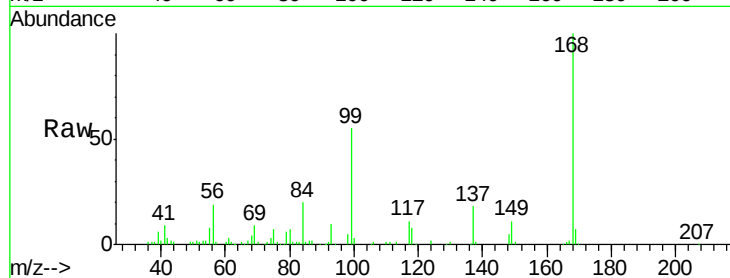
69 46.2 29.8 44.6#

84 103.6 76.6 114.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.779 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

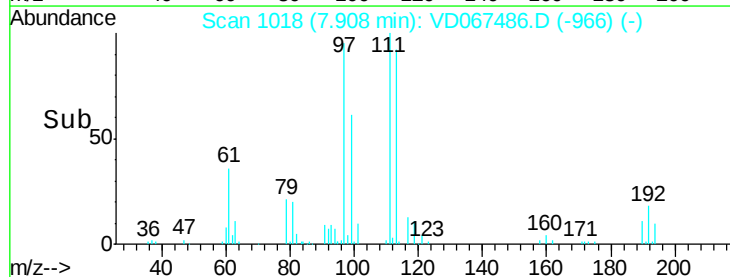
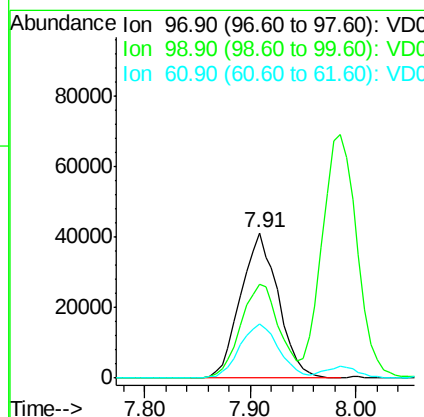
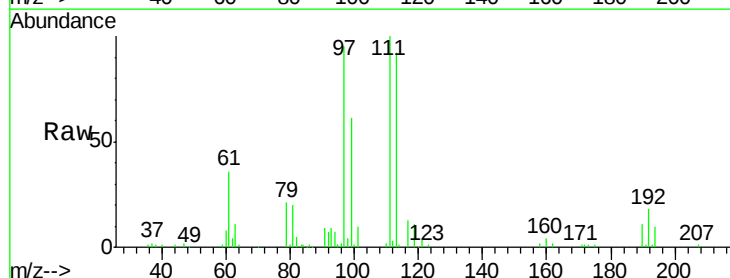
Tgt Ion: 97 Resp: 101944

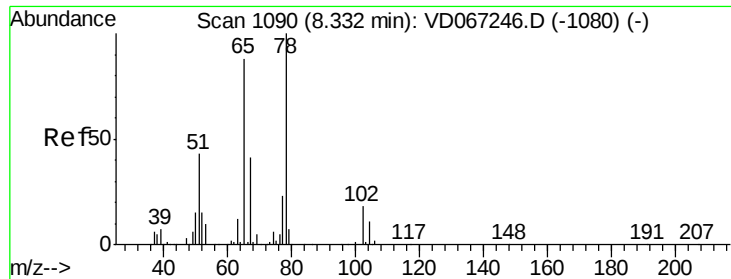
Ion Ratio Lower Upper

97 100

99 66.3 50.2 75.4

61 38.9 30.5 45.7





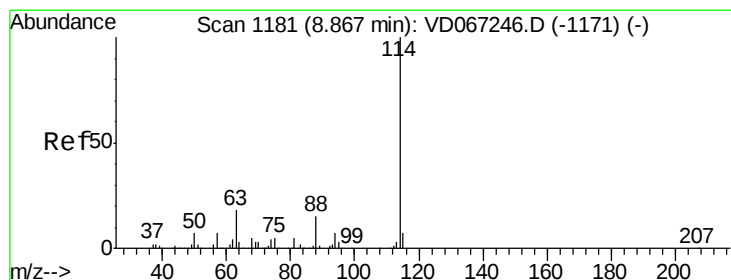
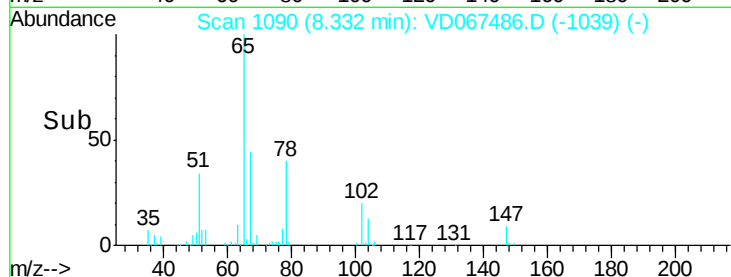
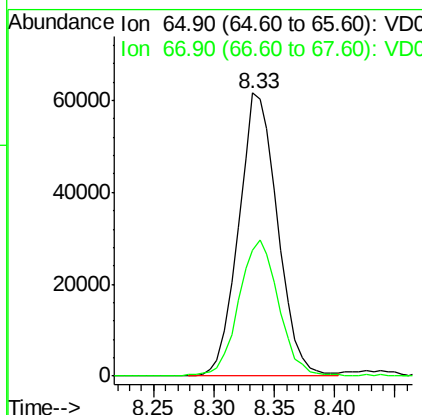
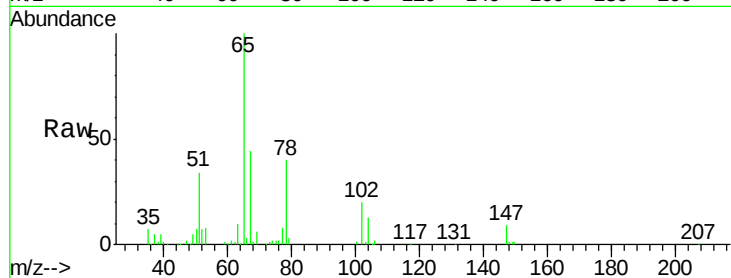
#33
 1,2-Dichloroethane-d4
 Concen: 48.735 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	103.8

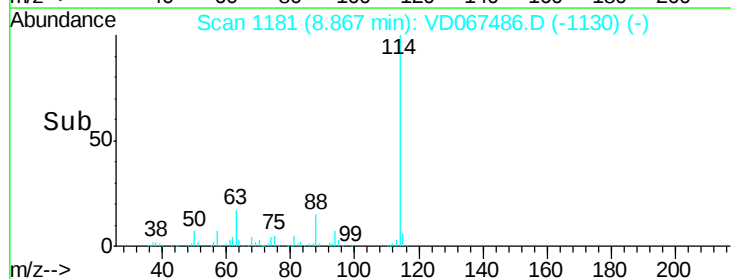
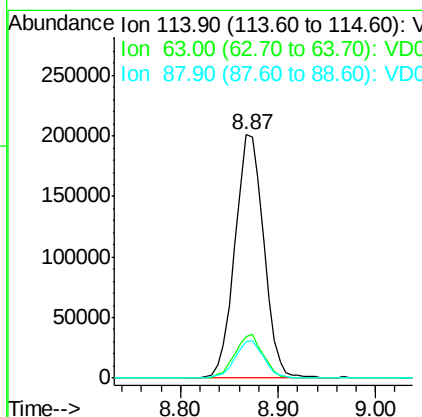
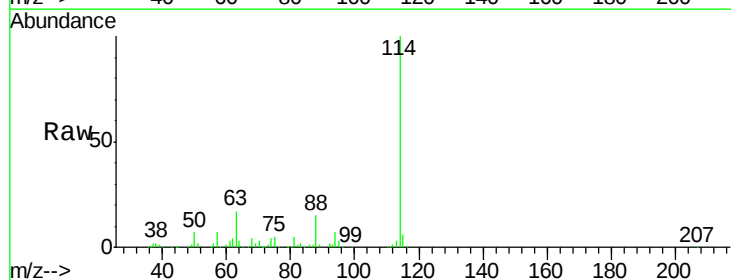
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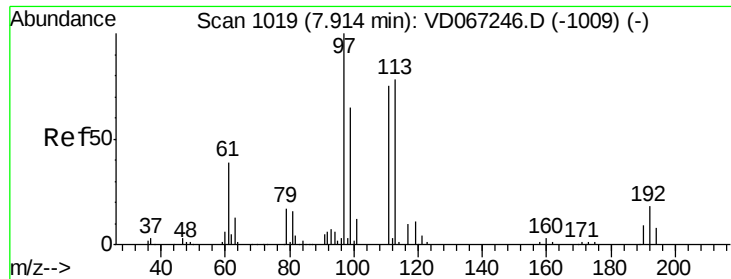
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	35.0
88	14.7	0.0	30.6





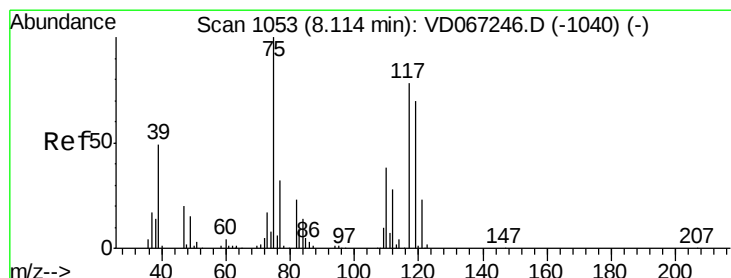
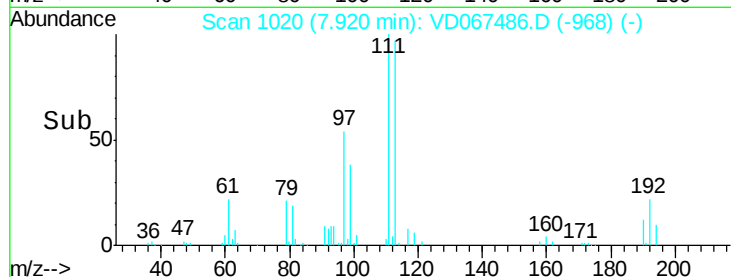
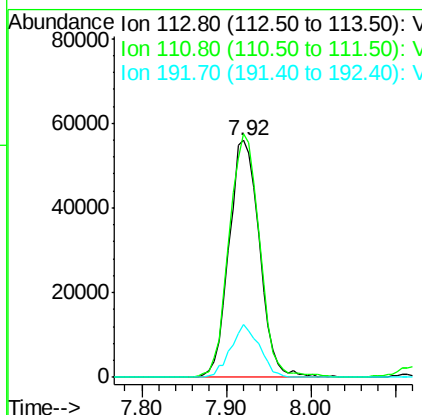
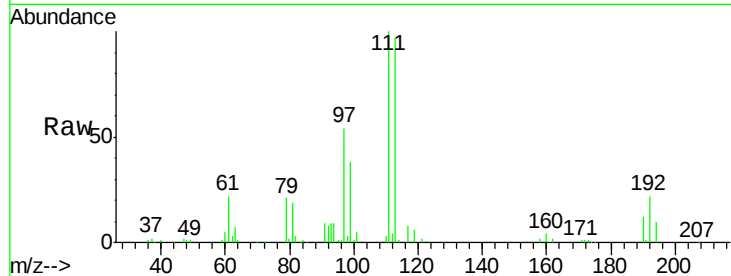
#35
 Dibromofluoromethane
 Concen: 50.212 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.7	81.6	122.4	
192	21.2	17.0	25.4	

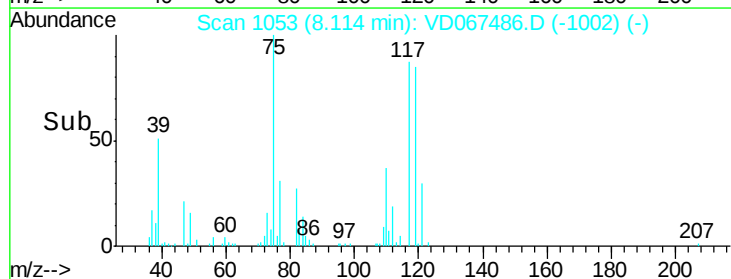
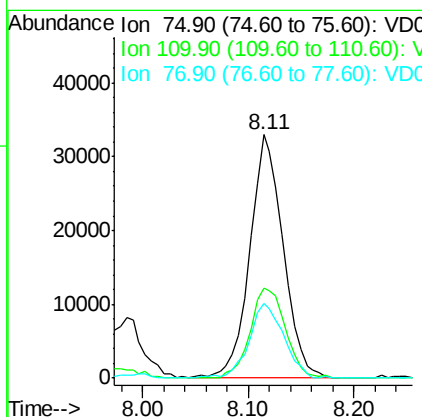
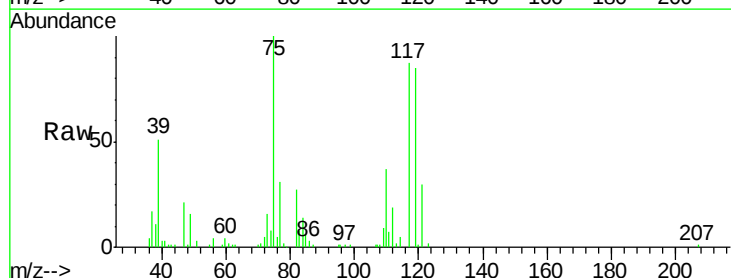
Manual Integrations
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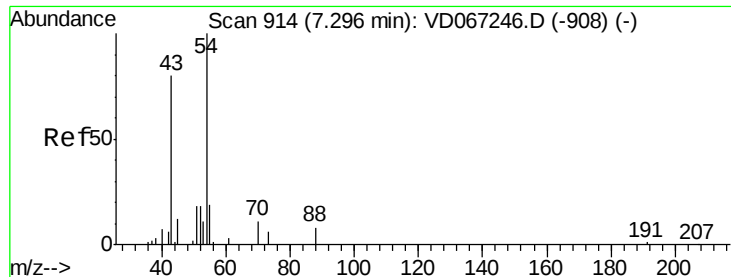
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 11/3/2020 2:16:23 PM



#36
 1,1-Dichloropropene
 Concen: 20.652 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	39.0	19.6	58.7	
77	31.7	24.6	37.0	





#37

Ethyl Acetate

Concen: 20.946 ug/l

RT: 7.30 min Scan# 914

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

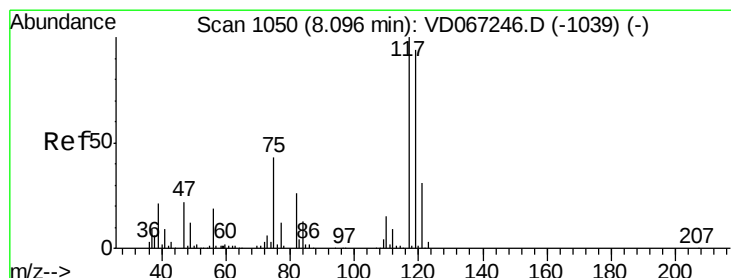
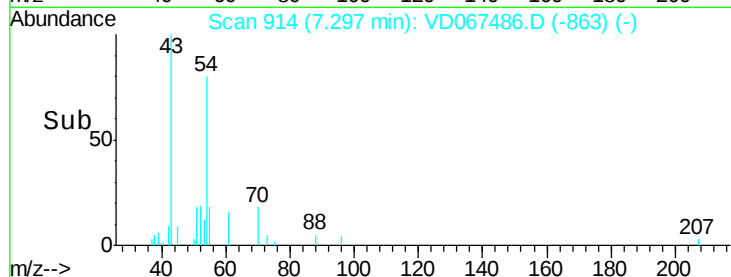
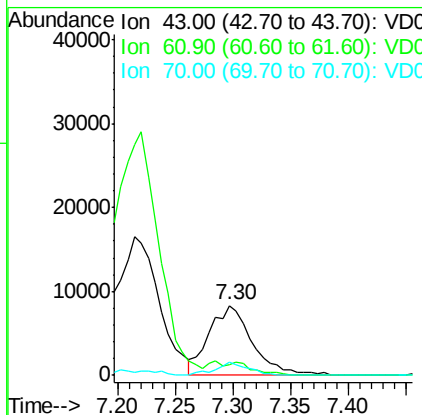
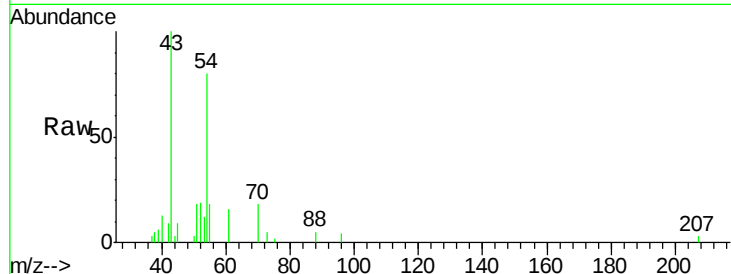
ClientSampleId :

VD1102SBS01

Tot Ion:	43	Resp:	21687
Ion Ratio	Lower	Upper	
43	100		
61	0.0	15.6	23.4#
70	14.1	10.4	15.6

Manual Integrations
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11/3/2020 2:16:23 PM



#38

Carbon Tetrachloride

Concen: 22.078 ug/l

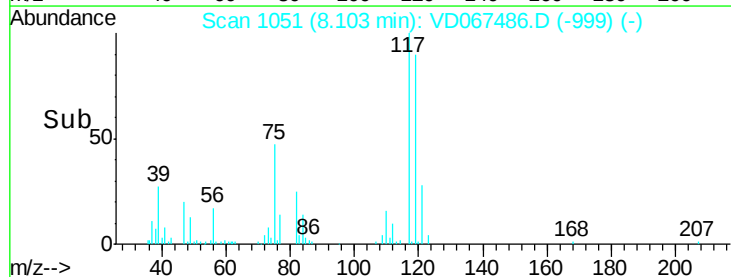
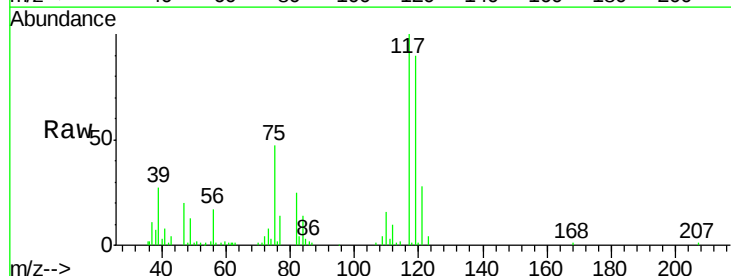
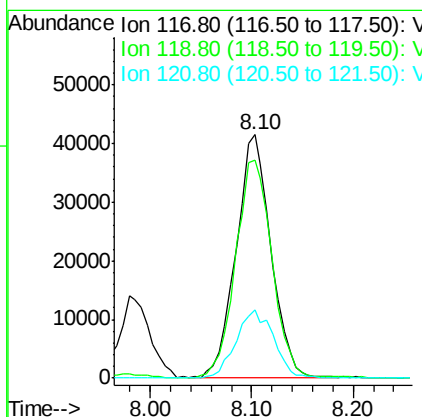
RT: 8.10 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Tgt Ion:	117	Resp:	99305
Ion Ratio	Lower	Upper	
117	100		
119	89.6	75.0	112.4
121	28.1	24.9	37.3





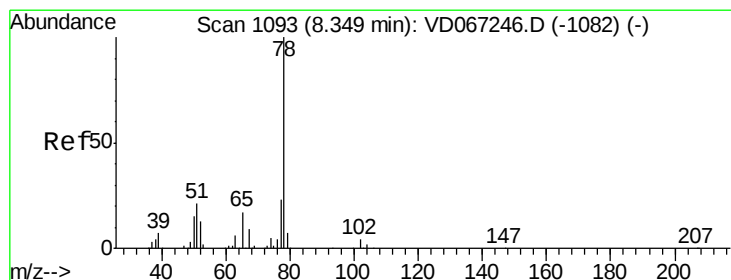
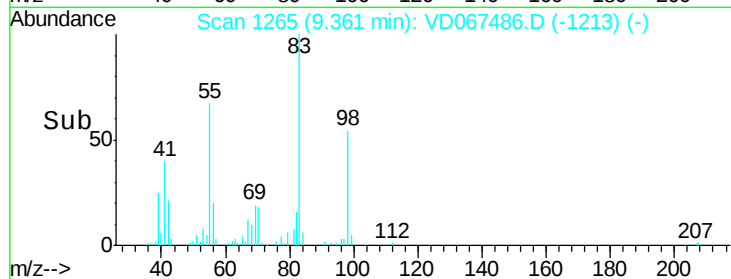
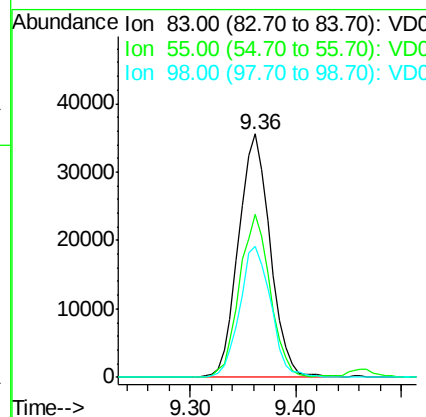
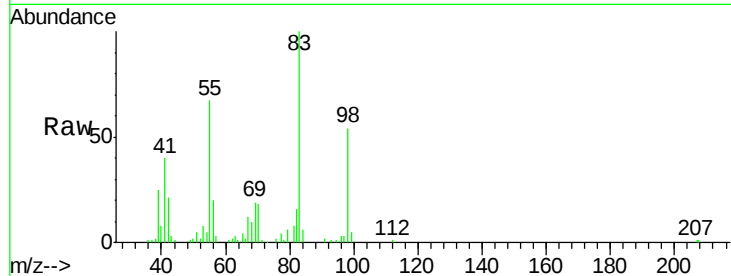
#39
Methvlcvclohexane
Concen: 20.116 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.0	53.3	79.9
98	54.0	41.0	61.4

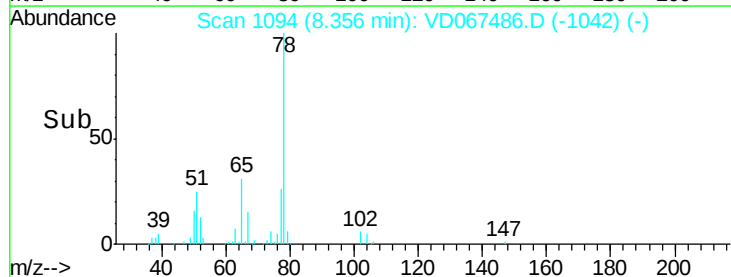
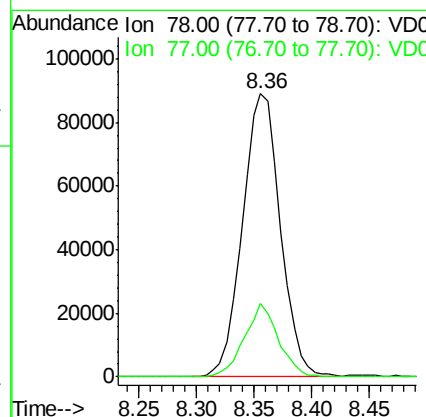
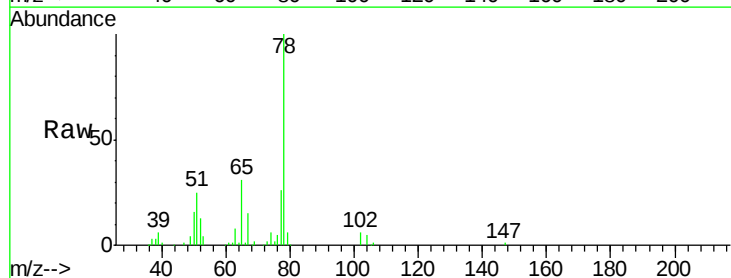
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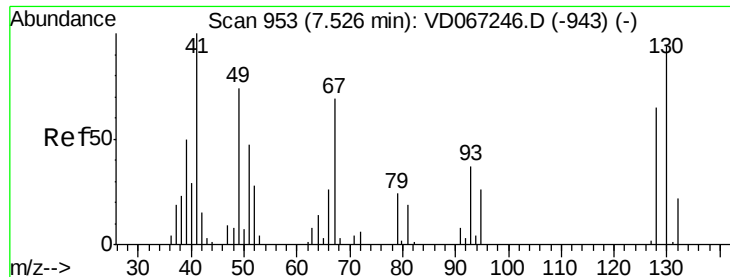
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#40
Benzene
Concen: 21.037 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.9	18.3	27.5





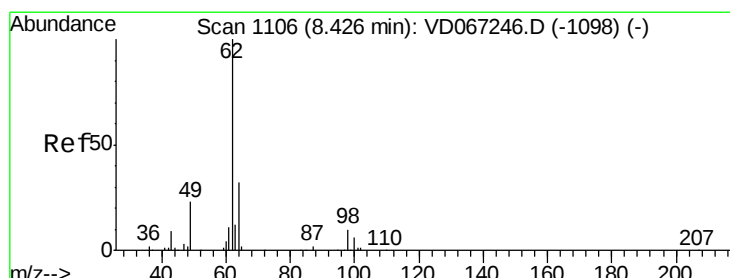
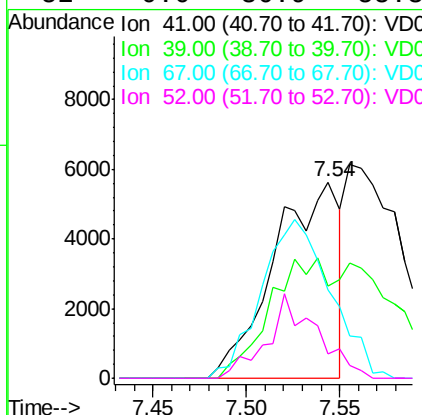
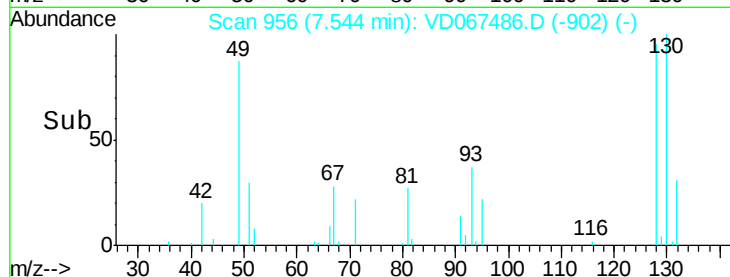
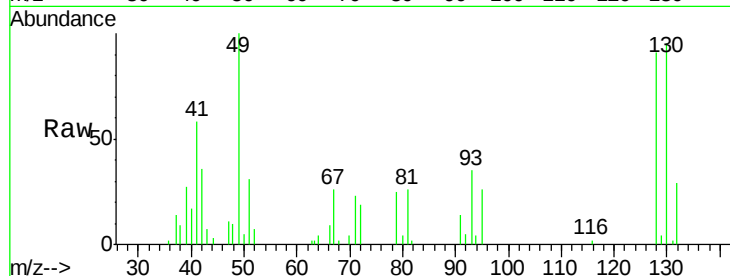
#41
Methacrylonitrile
Concen: 24.466 ug/l m
RT: 7.54 min Scan# 956
Delta R.T. 0.02 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.0	60.0	90.0#
67	0.0	88.9	133.3#
52	0.0	36.9	55.3#

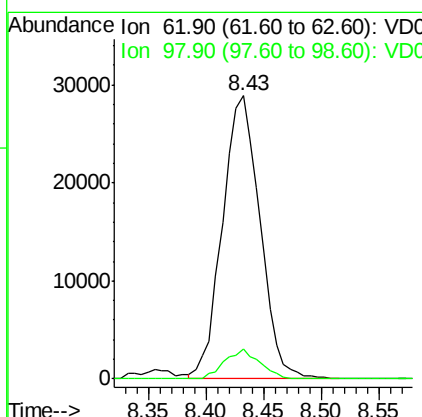
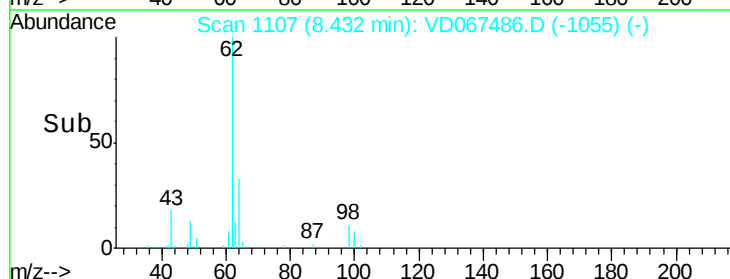
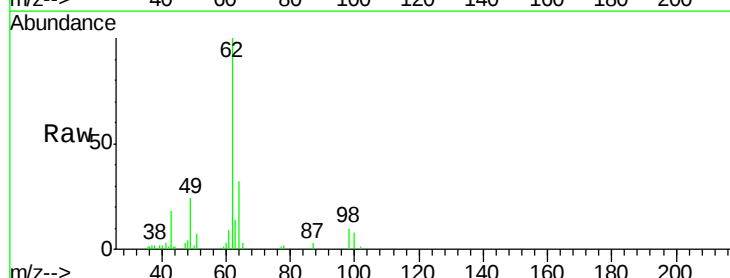
Manual Integrations
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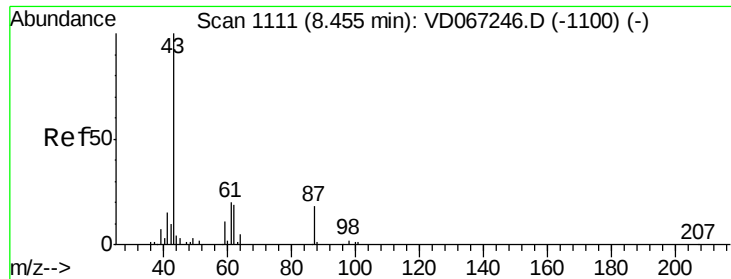
MMDadoda
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#42
1,2-Dichloroethane
Concen: 21.568 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4





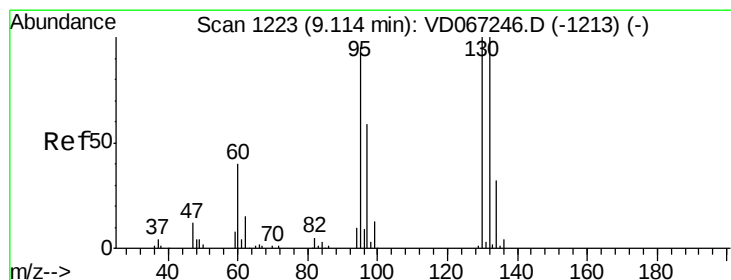
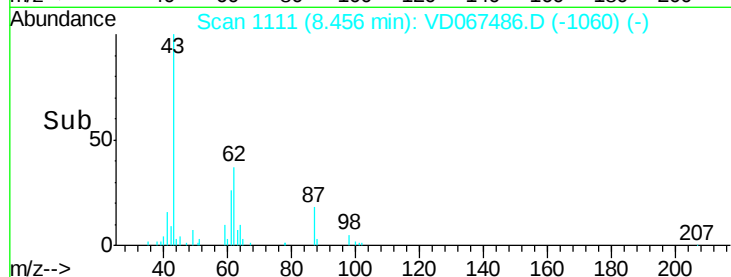
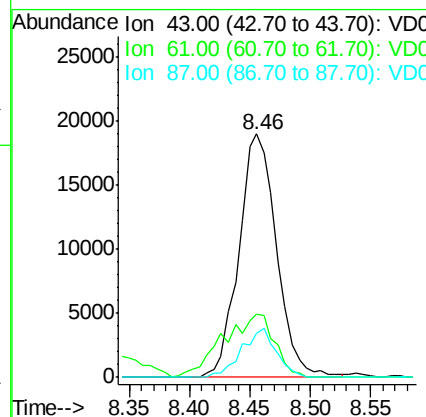
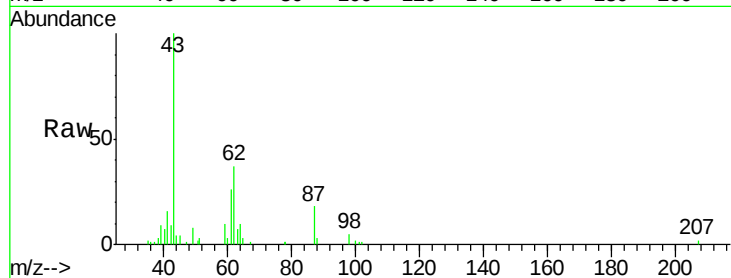
#43
Isopropyl Acetate
Concen: 20.137 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

Tot Ion	43	Resp	41371
Ion Ratio	100	Lower	Upper
43	100		
61	35.4	29.5	44.3
87	18.3	14.2	21.4

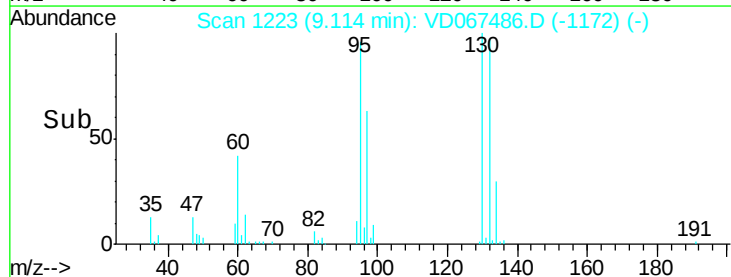
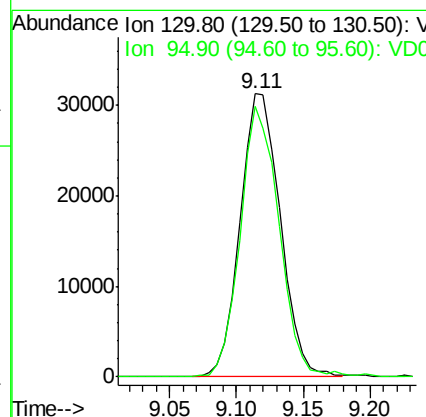
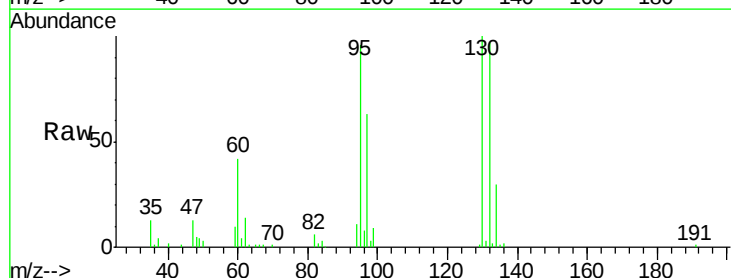
Manual Integrations
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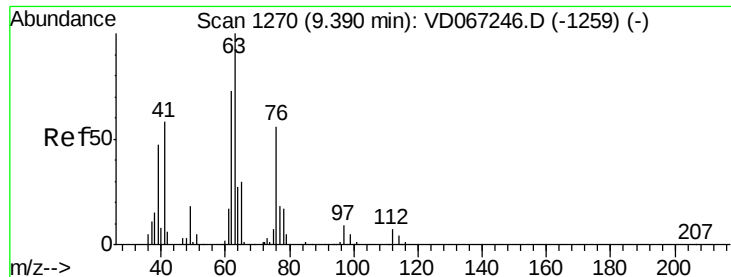
MMDadoda
11/3/2020 2:16:23 PM



#44
Trichloroethene
Concen: 21.132 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion	130	Resp	65322
Ion Ratio	100	Lower	Upper
130	100		
95	95.8	0.0	190.6





#45

1,2-Dichloropropane

Concen: 20.124 ug/l

RT: 9.40 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBSD01

Tot Ion: 63 Resp: 45027

Ion Ratio Lower Upper

63 100

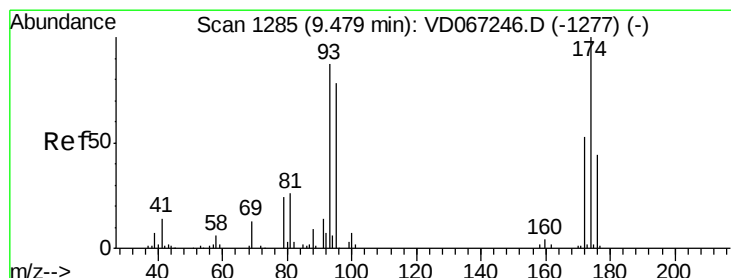
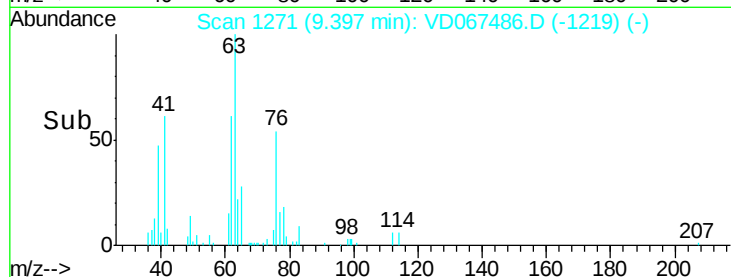
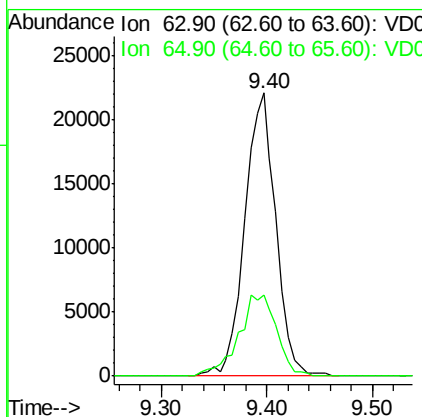
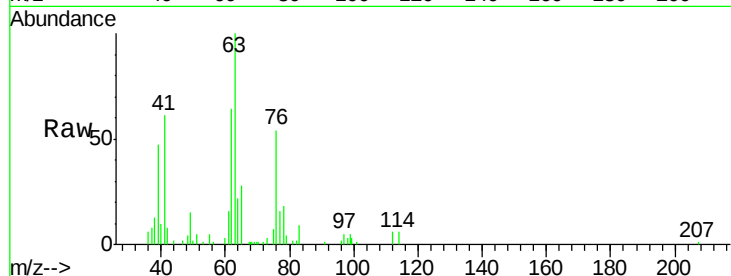
65 28.5 24.6 36.8

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#46

Dibromomethane

Concen: 20.203 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

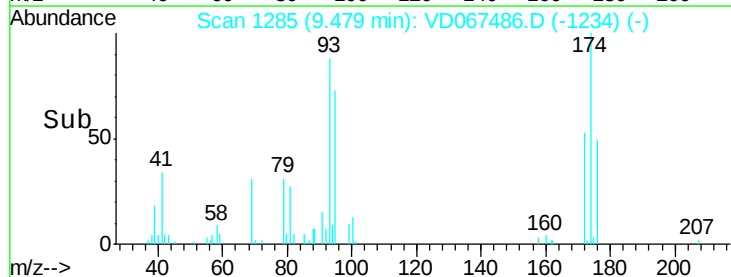
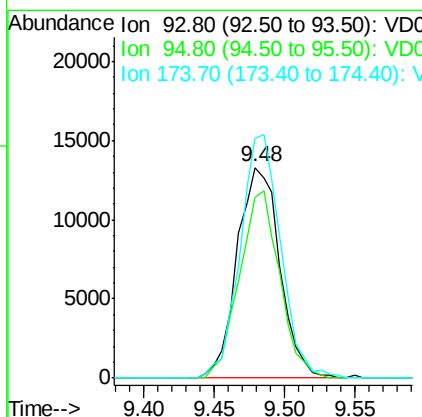
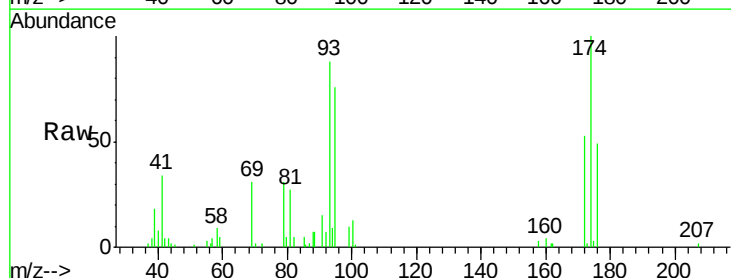
Tgt Ion: 93 Resp: 28165

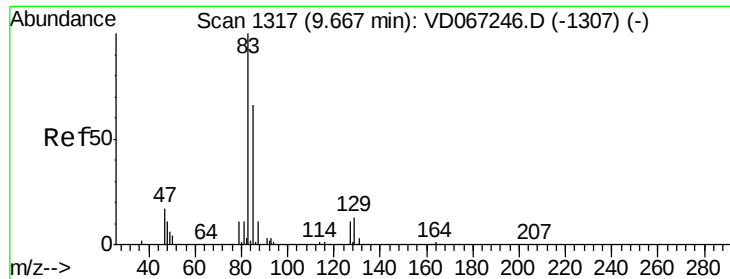
Ion Ratio Lower Upper

93 100

95 83.6 68.0 102.0

174 110.2 91.8 137.6





#47

Bromodichloromethane

Concen: 21.193 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

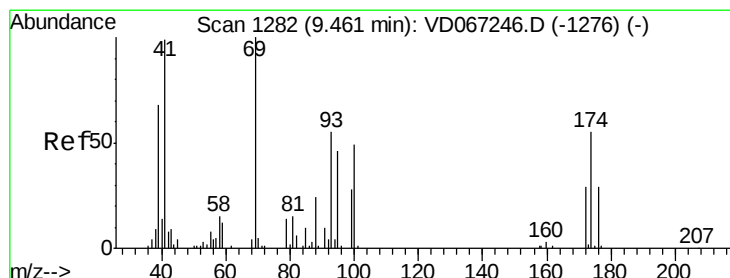
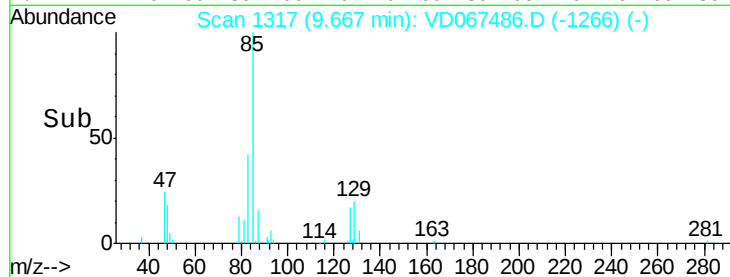
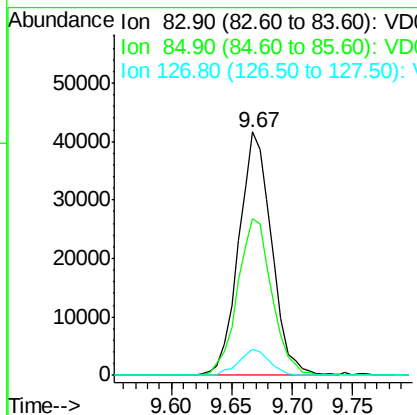
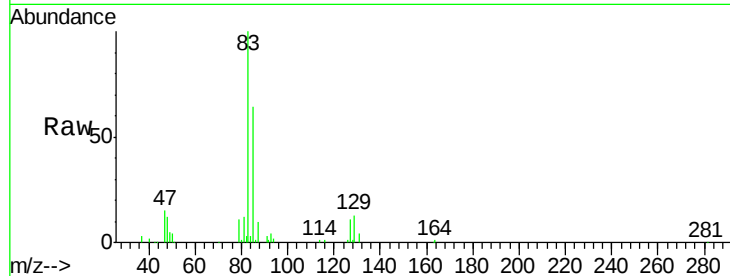
ClientSampleId :

VD1102SBSD01

Tot Ion:	83	Resp:	79155
Ion	Ratio	Lower	Upper
83	100		
85	64.4	53.1	79.7
127	10.7	8.6	13.0

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#48

Methyl methacrylate

Concen: 19.024 ug/l

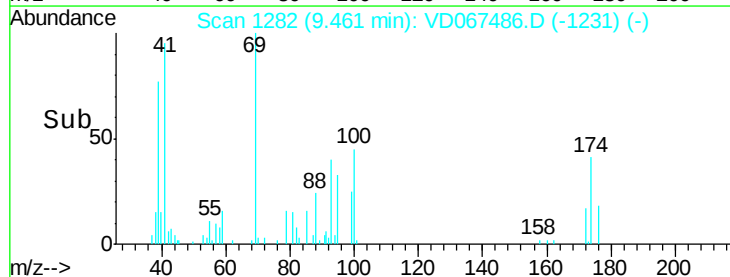
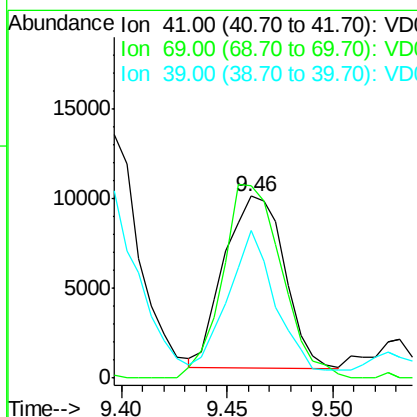
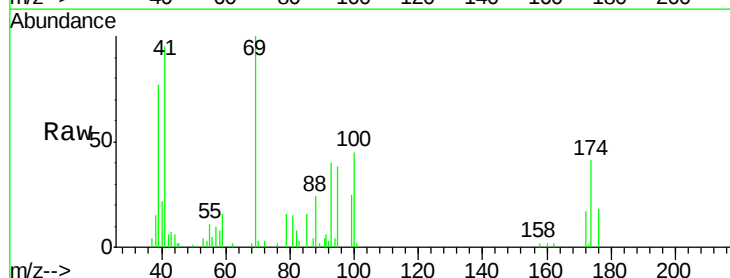
RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Tgt Ion:	41	Resp:	18994
Ion	Ratio	Lower	Upper
41	100		
69	110.6	89.0	133.6
39	71.6	60.2	90.2





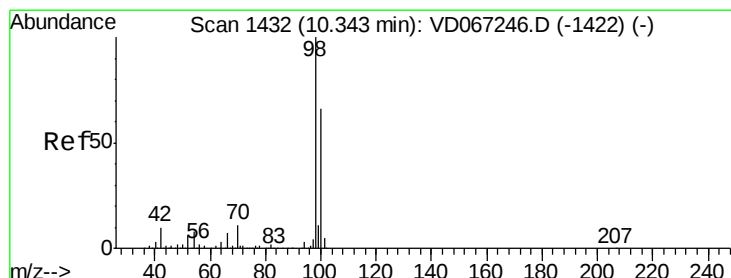
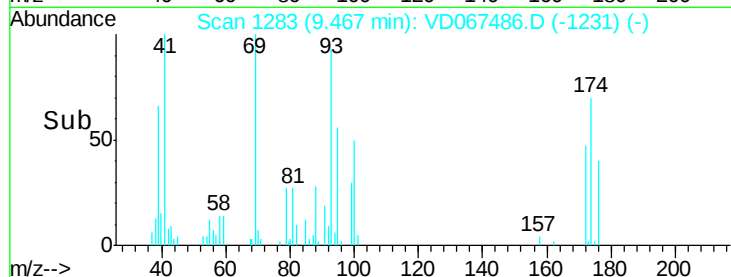
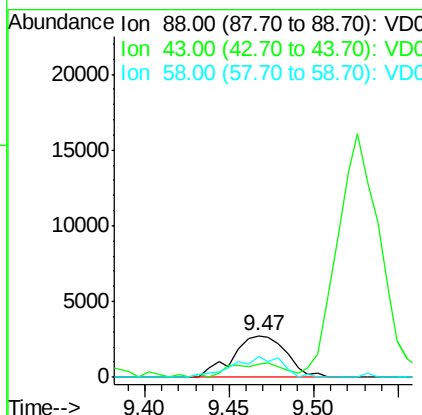
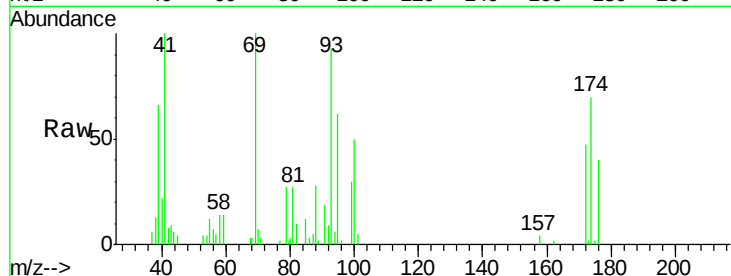
#49
1,4-Dioxane
Concen: 429.877 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.8	23.9	35.9
58	47.0	51.0	76.6

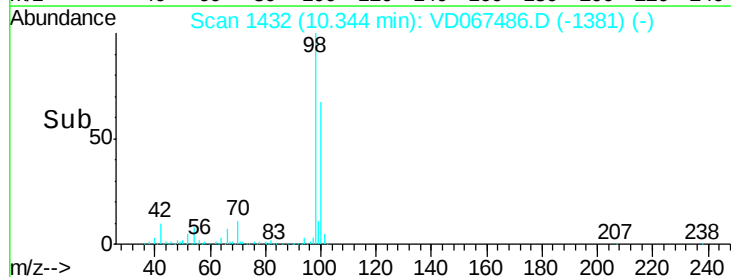
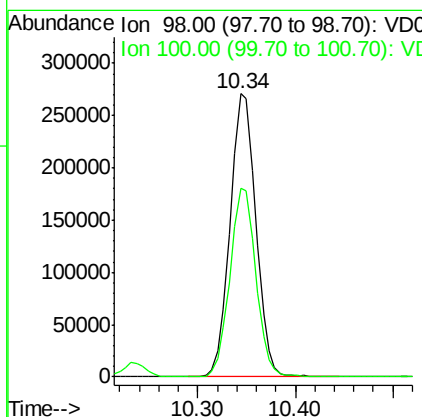
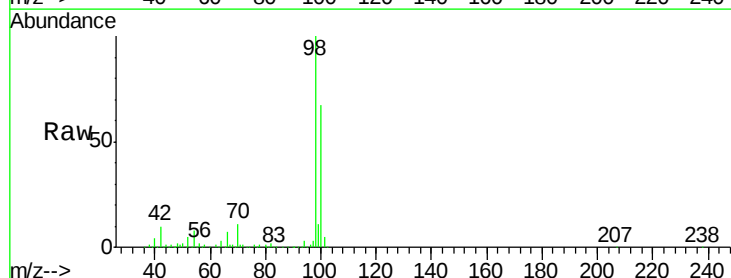
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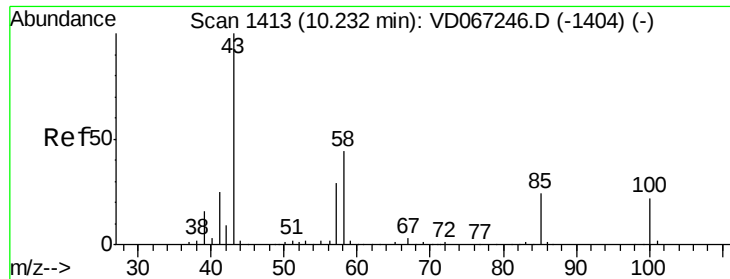
MMDadoda
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#50
Toluene-d8
Concen: 49.959 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 96.802 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBS01

Tot Ion: 43 Resp: 99195

Ion Ratio Lower Upper

43 100

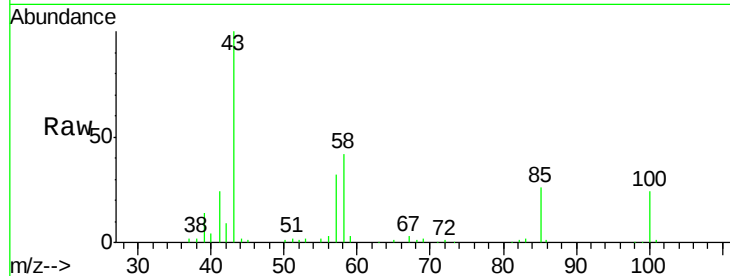
58 44.0 35.7 53.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

60000

50000

40000

30000

20000

10000

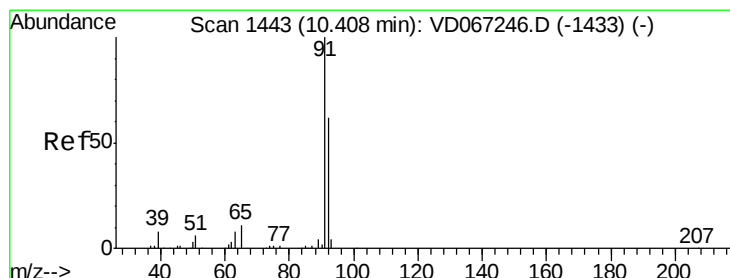
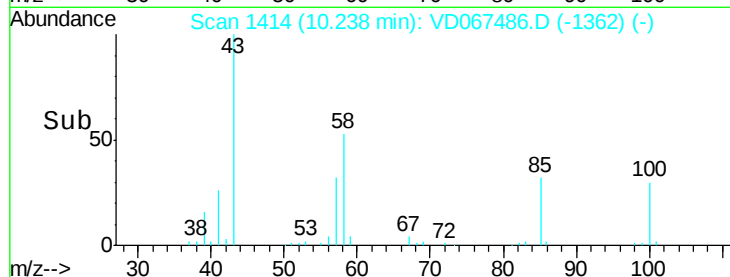
0

10.20

10.24

10.30

Time-->



#52

Toluene

Concen: 21.745 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067486.D

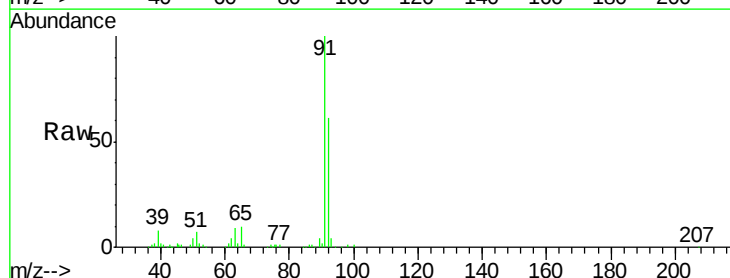
Acq: 02 Nov 2020 12:48

Tgt Ion: 92 Resp: 142987

Ion Ratio Lower Upper

92 100

91 165.8 133.8 200.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

150000

100000

50000

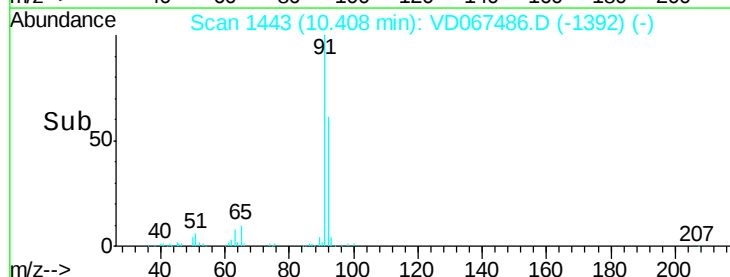
0

10.30

10.41

10.50

Time-->





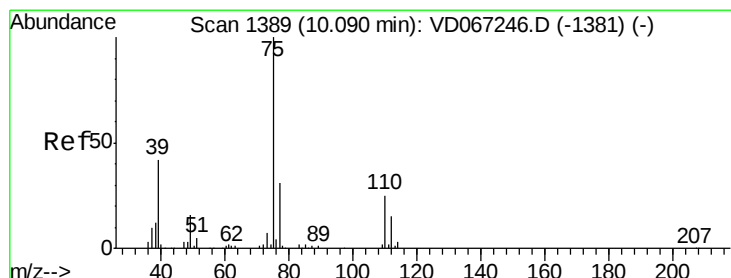
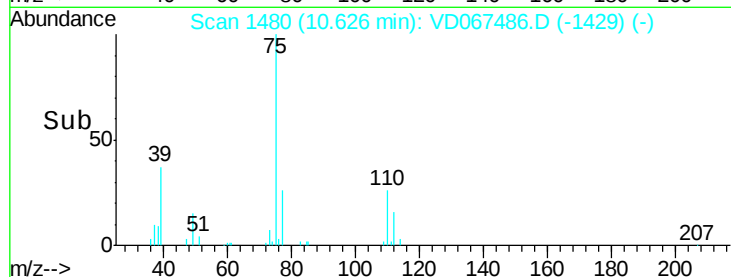
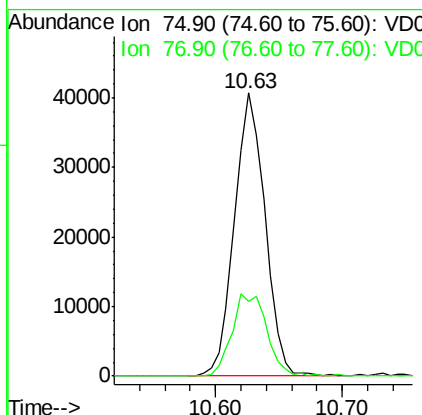
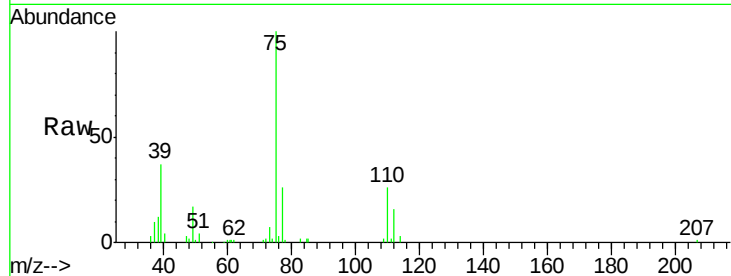
#53
t-1,3-Dichloropropene
Concen: 20.754 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

Tot Ion: 75 Resp: 68096
Ion Ratio Lower Upper
75 100
77 26.3 26.5 39.7#

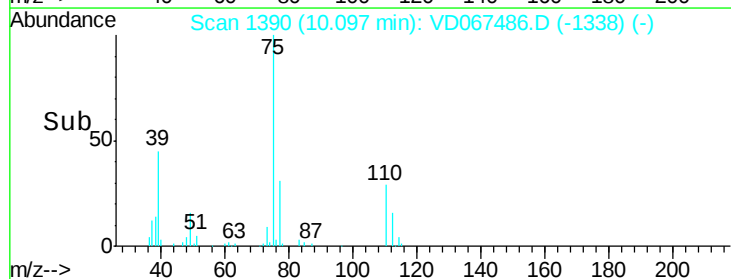
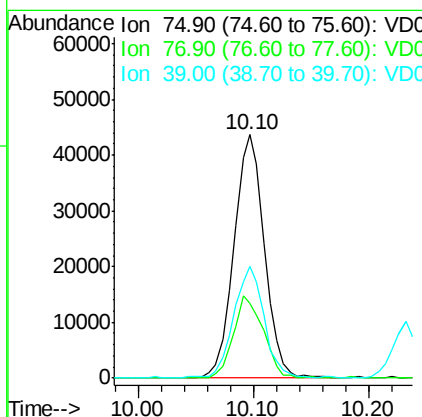
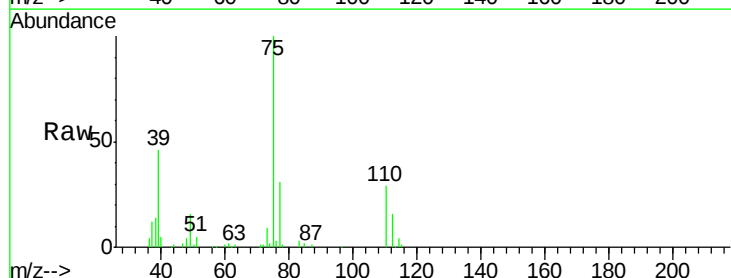
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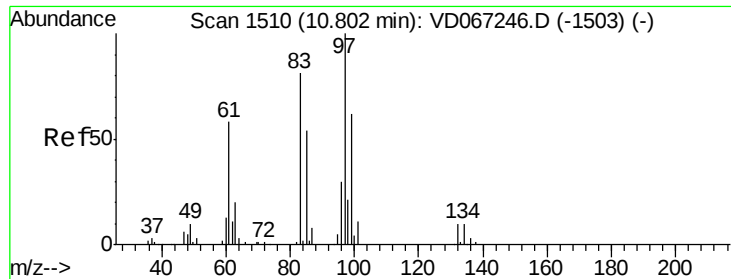
MMDadoda
11/3/2020 2:16:23 PM



#54
cis-1,3-Dichloropropene
Concen: 20.707 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion: 75 Resp: 79510
Ion Ratio Lower Upper
75 100
77 30.5 24.5 36.7
39 45.7 33.7 50.5





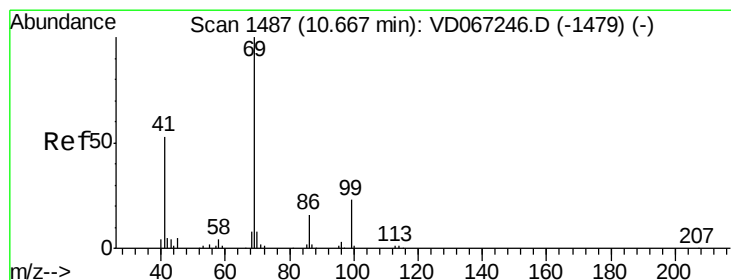
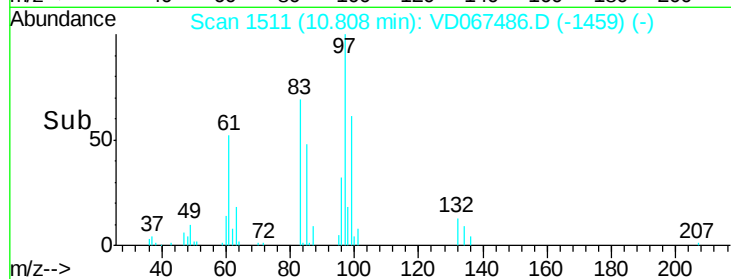
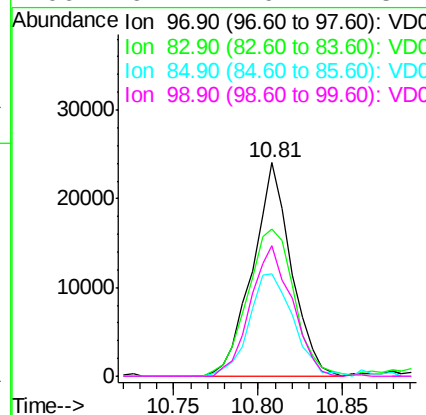
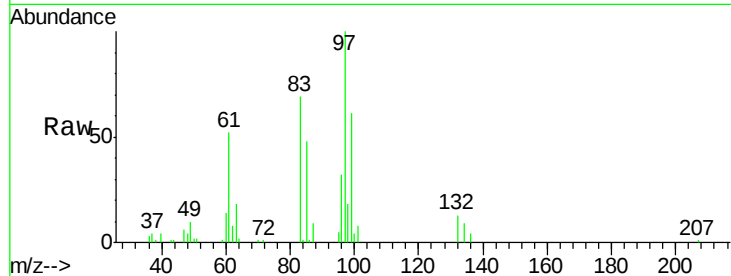
#55
 1,1,2-Trichloroethane
 Concen: 20.130 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

Tot Ion:	97	Resp:	38267
Ion	Ratio	Lower	Upper
97	100		
83	68.7	64.9	97.3
85	48.0	43.3	64.9
99	61.2	49.1	73.7

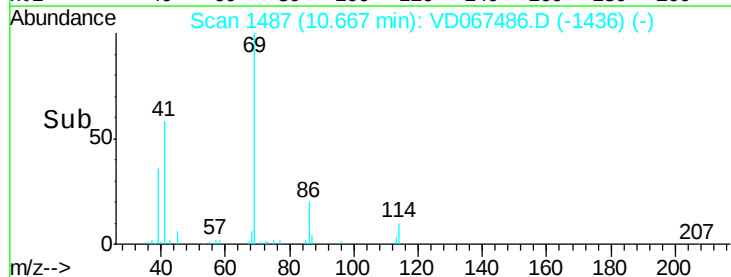
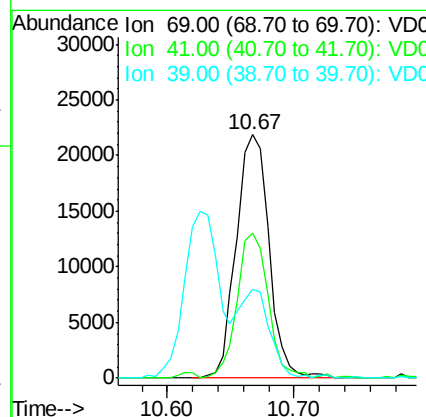
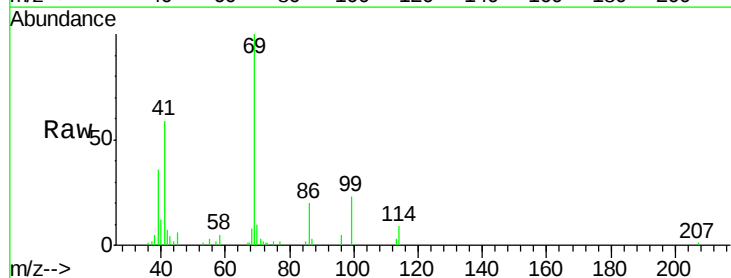
Manual Integrations
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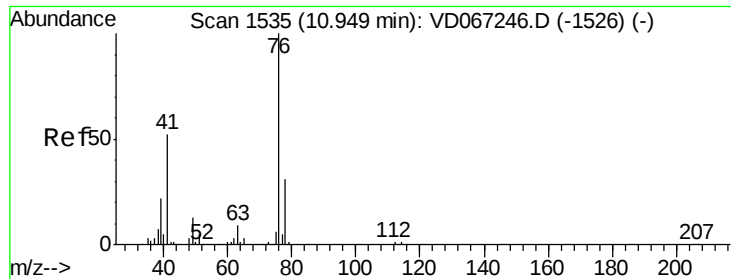
MMDadoda
 11/3/2020 2:16:23 PM



#56
 Ethyl methacrylate
 Concen: 19.855 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Tgt Ion:	69	Resp:	39146
Ion	Ratio	Lower	Upper
69	100		
41	56.8	44.7	67.1
39	34.8	26.2	39.2





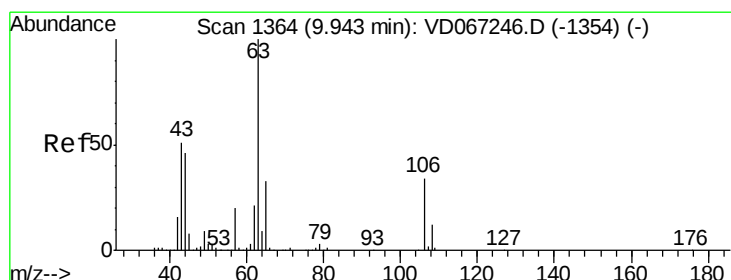
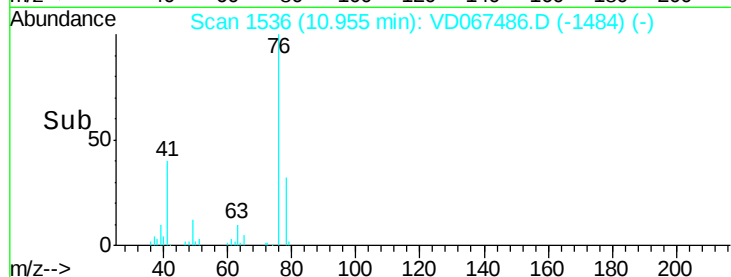
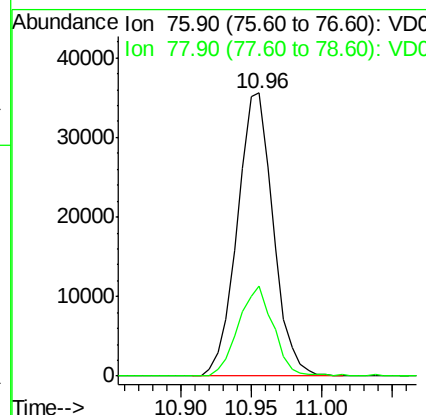
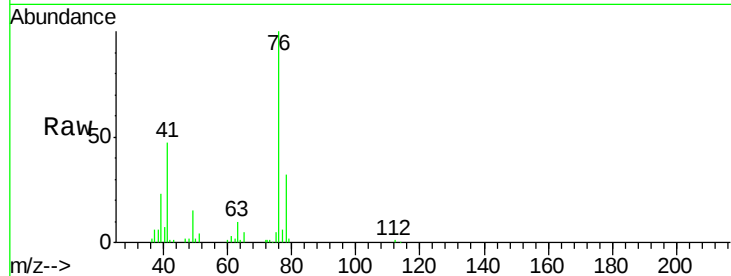
#57
 1,3-Dichloropropane
 Concen: 20.944 ug/l
 RT: 10.96 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBSD01

Tot Ion: 76 Resp: 63363
 Ion Ratio Lower Upper
 76 100
 78 30.7 26.8 40.2

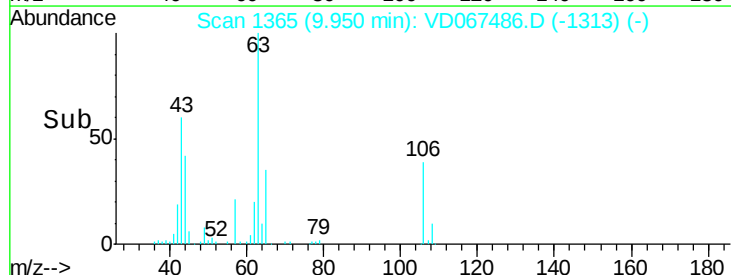
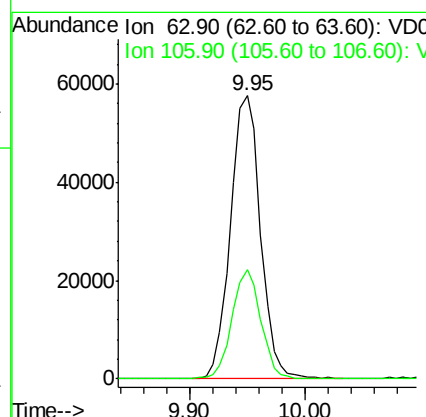
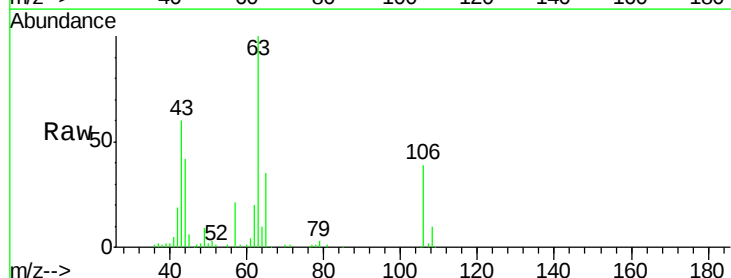
Manual Integrations
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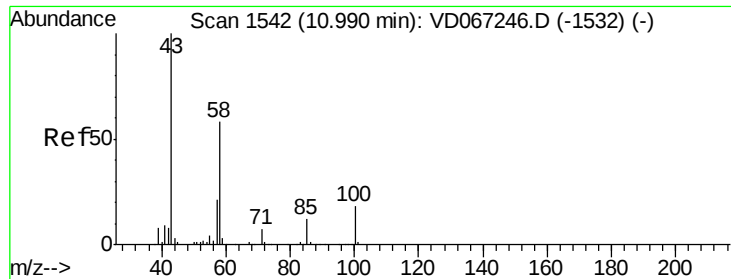
MMDadoda
 11/3/2020 2:16:23 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.809 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Tgt Ion: 63 Resp: 103981
 Ion Ratio Lower Upper
 63 100
 106 36.9 27.8 41.6





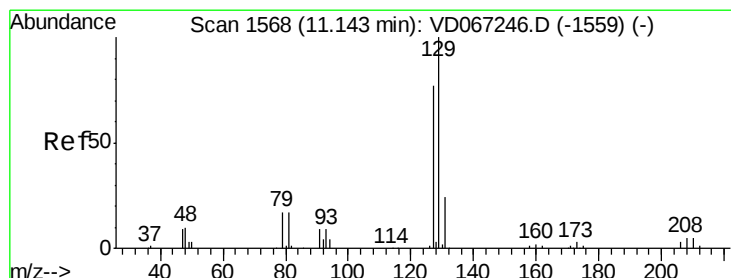
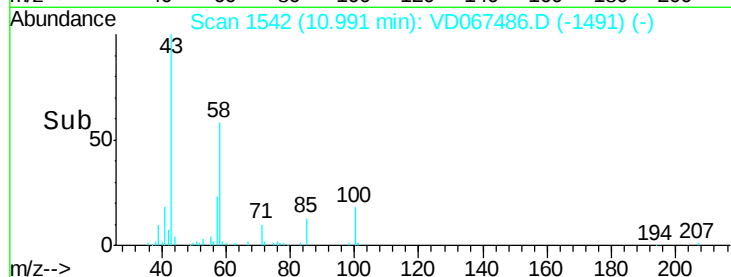
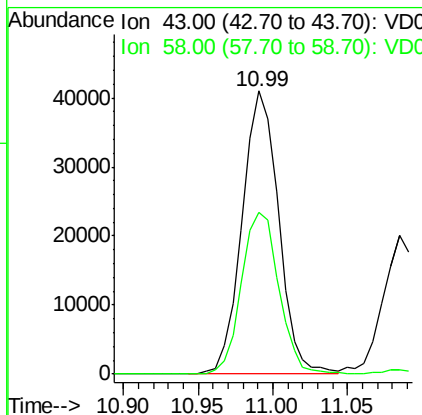
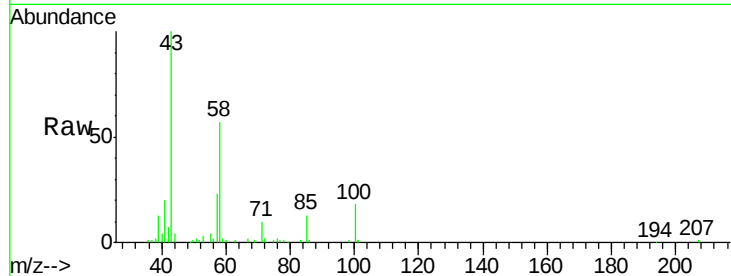
#59
2-Hexanone
Concen: 99.282 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

Tot Ion: 43 Resp: 69520
Ion Ratio Lower Upper
43 100
58 58.5 29.3 87.9

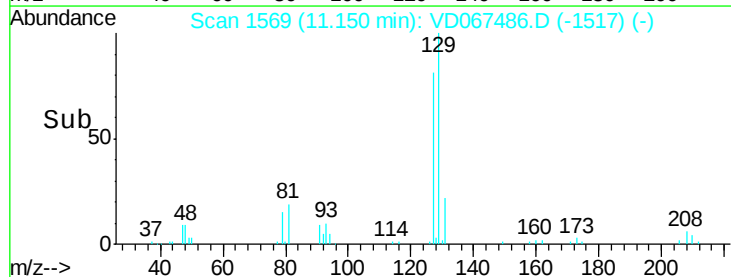
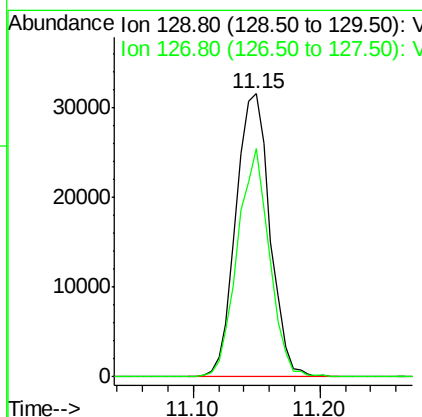
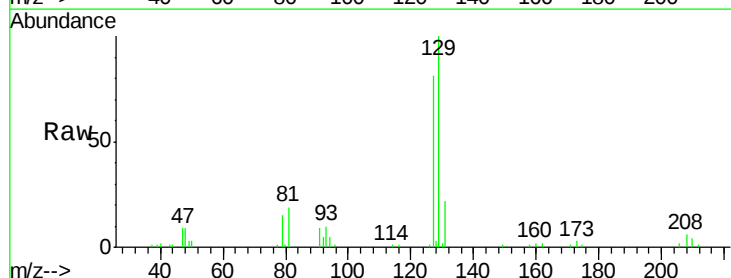
Manual Integrations
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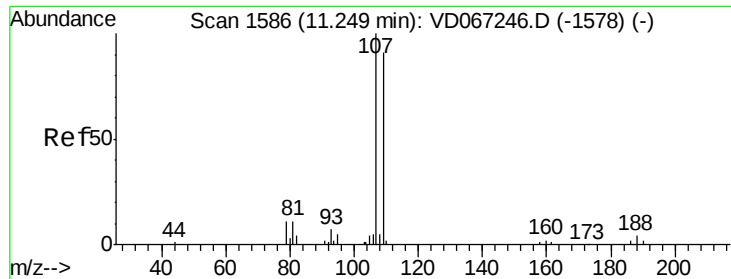
MMDadoda
11/3/2020 2:16:23 PM



#60
Dibromochloromethane
Concen: 21.199 ug/l
RT: 11.15 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion: 129 Resp: 58771
Ion Ratio Lower Upper
129 100
127 75.5 38.3 114.8





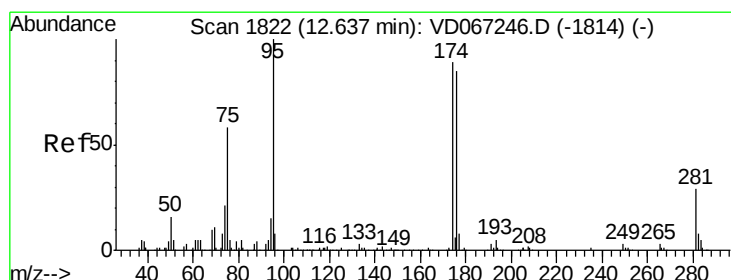
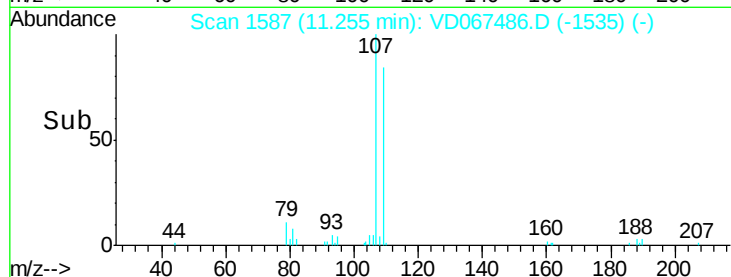
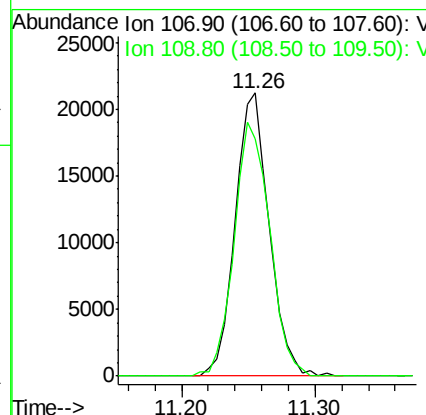
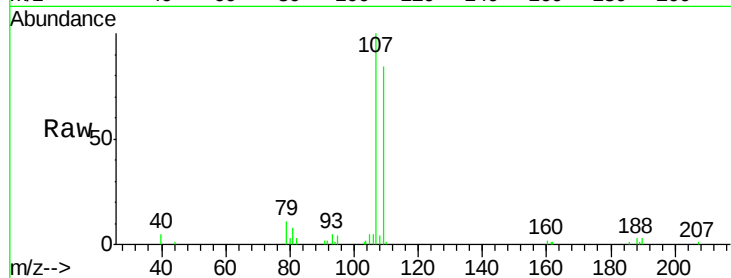
#61
 1,2-Dibromoethane
 Concen: 20.089 ug/l
 RT: 11.26 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	74.6	112.0

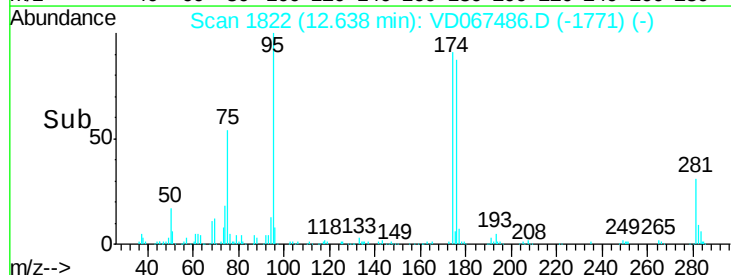
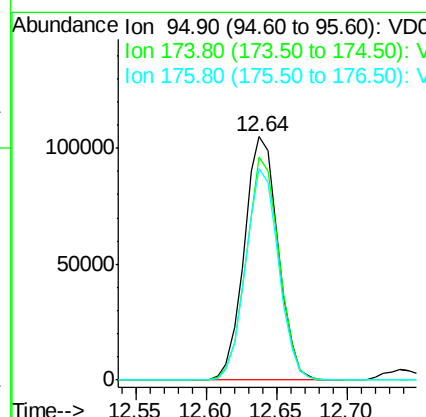
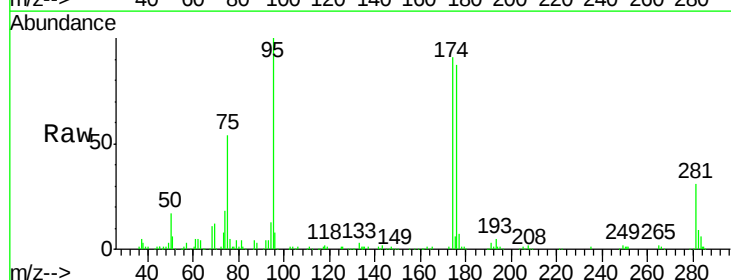
Manual Integrations
 APPROVED

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 11/3/2020 2:16:23 PM



#62
 4-Bromofluorobenzene
 Concen: 50.829 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	175.2
176	84.4	0.0	168.6





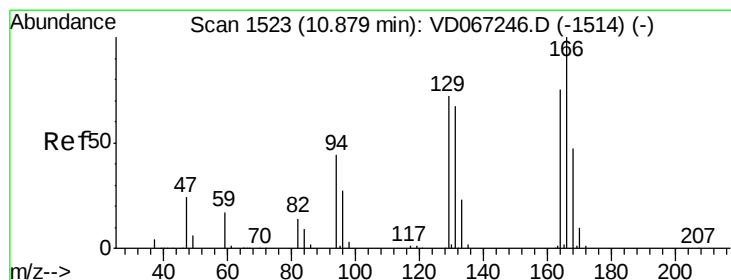
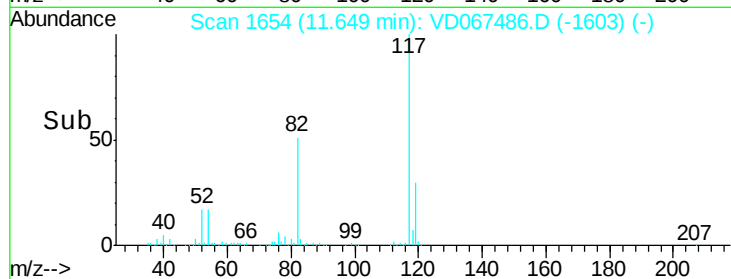
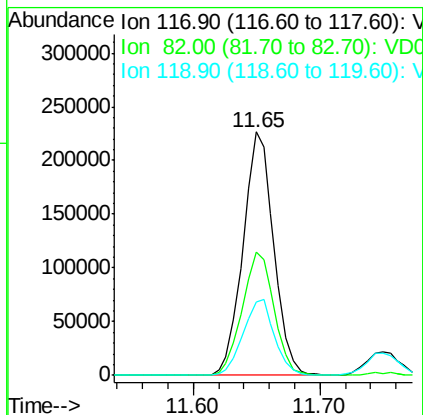
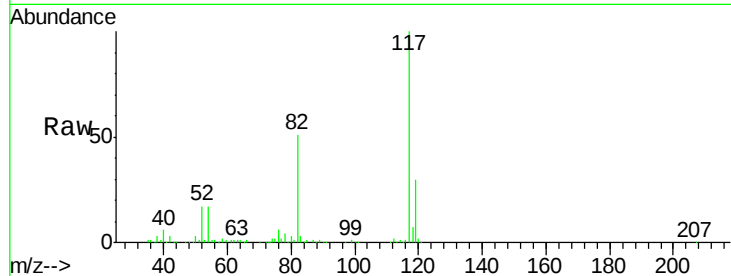
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	380650		
82	50.8		39.9	59.9
119	30.4		24.9	37.3

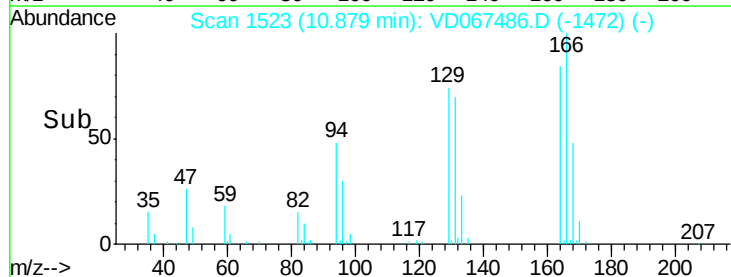
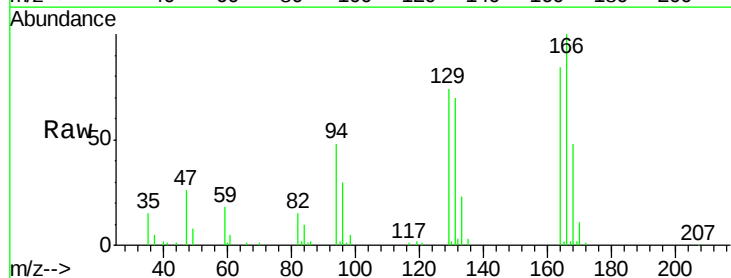
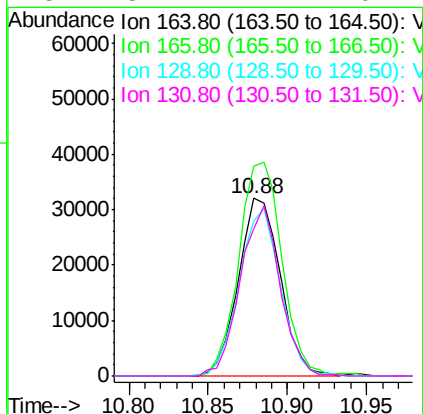
Manual Integrations
APPROVED

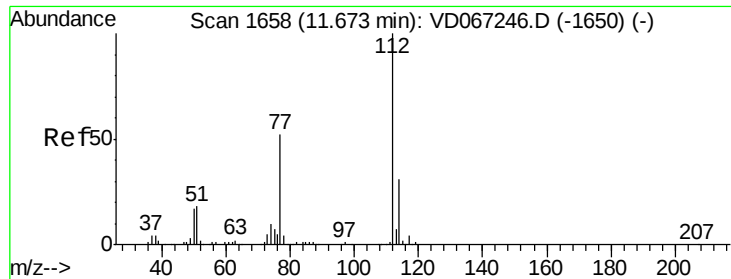
MMDadoda
11/3/2020 2:16:23 PM



#64
Tetrachloroethene
Concen: 21.381 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	58966		
166	118.5		107.3	160.9
129	87.1		77.3	115.9
131	82.7		71.4	107.2





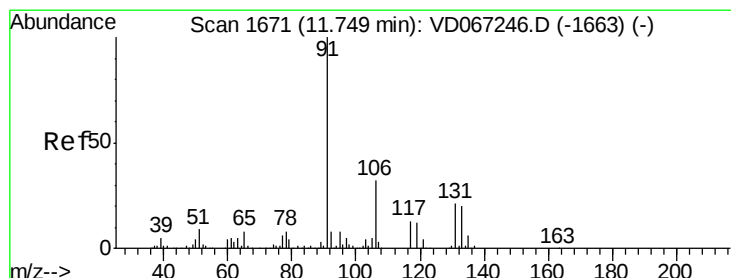
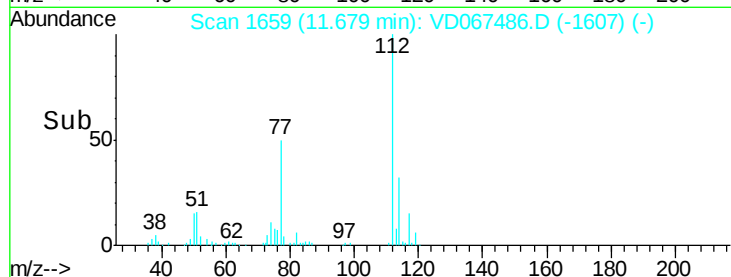
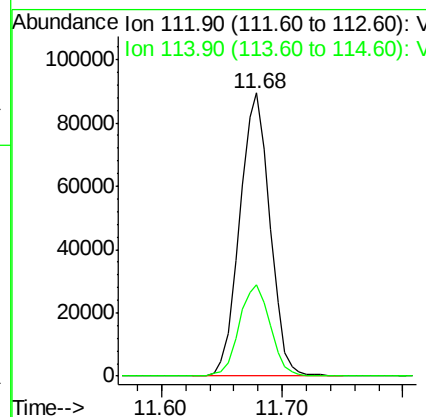
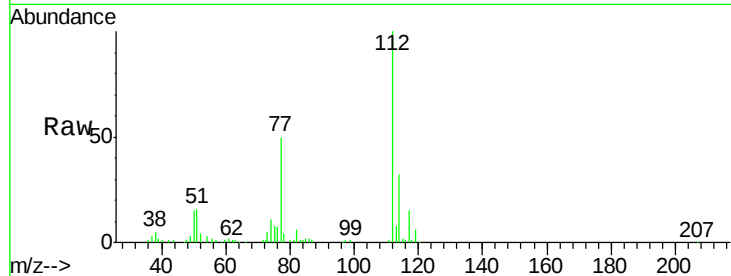
#65
Chlorobenzene
Concen: 21.399 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.0	37.4

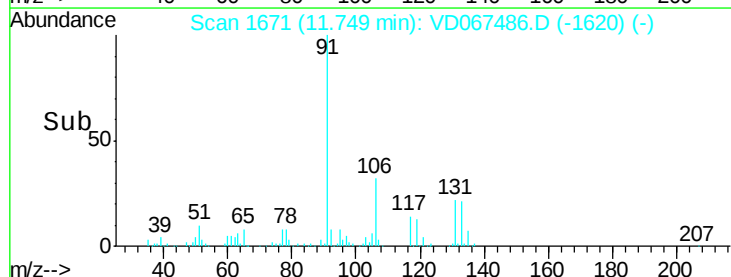
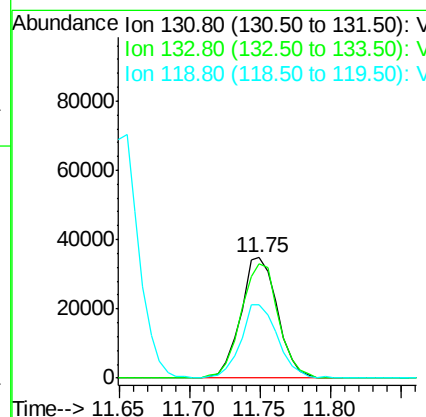
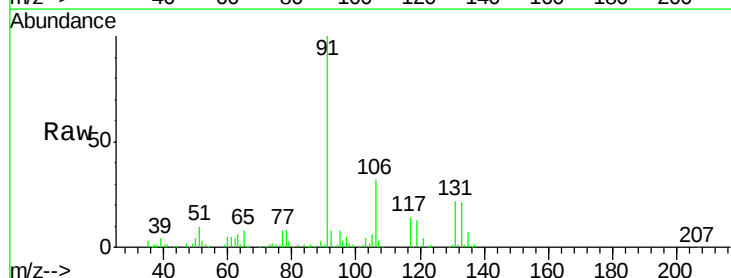
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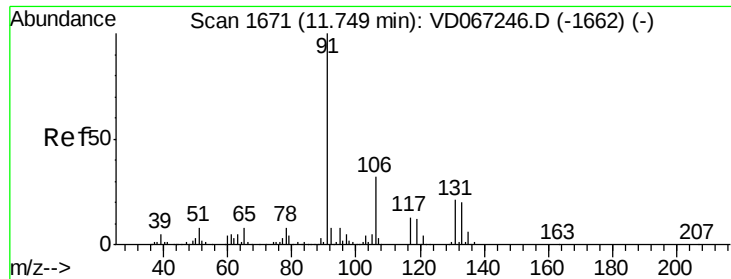
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.934 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.4	48.1	144.3
119	61.2	30.0	90.0





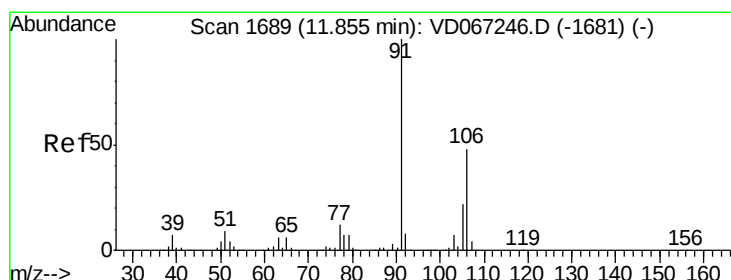
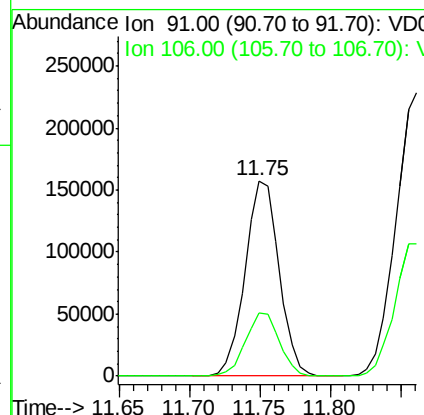
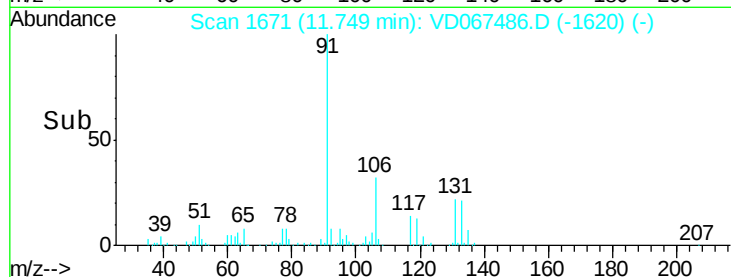
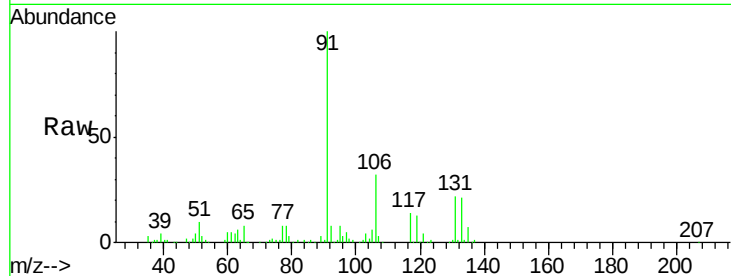
#67
Ethyl Benzene
Concen: 21.230 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampled :
VD1102SBS01

Tot Ion: 91 Resp: 265640
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.0

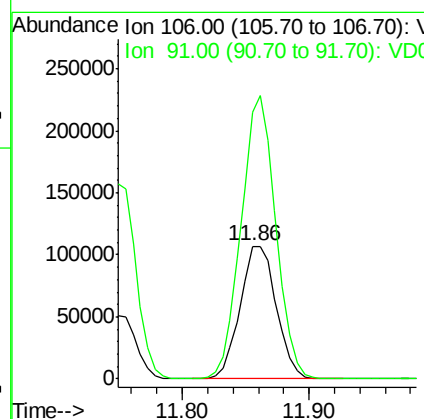
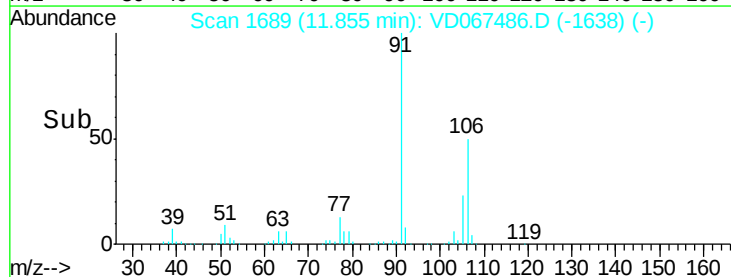
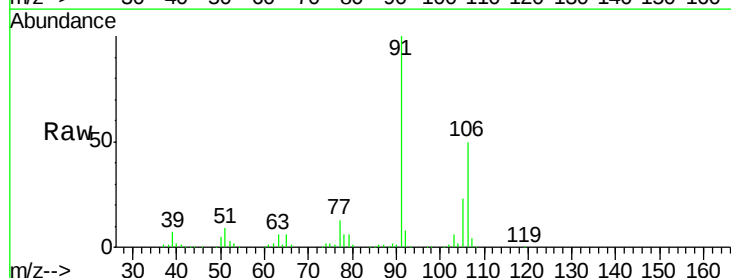
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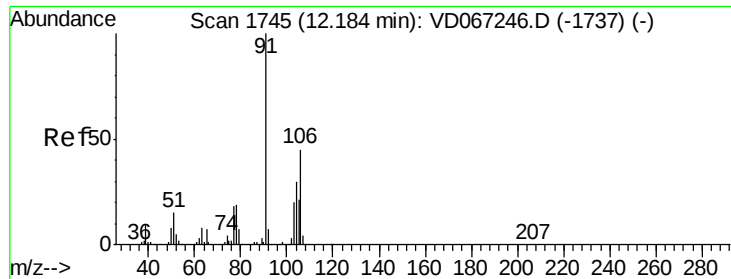
MMDadoda
11/3/2020 2:16:23 PM



#68
m/p-Xylenes
Concen: 44.109 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion: 106 Resp: 212534
Ion Ratio Lower Upper
106 100
91 202.9 163.8 245.8





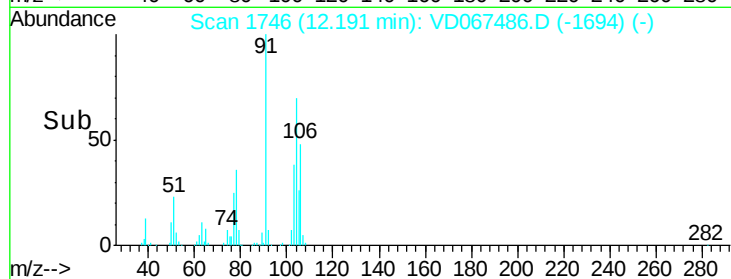
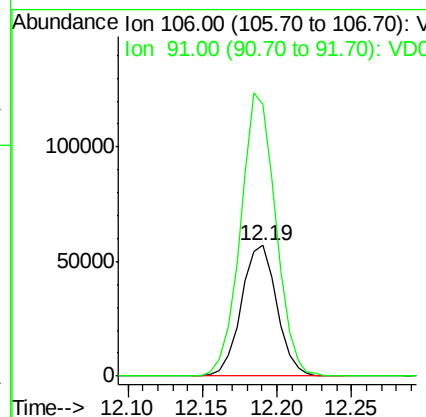
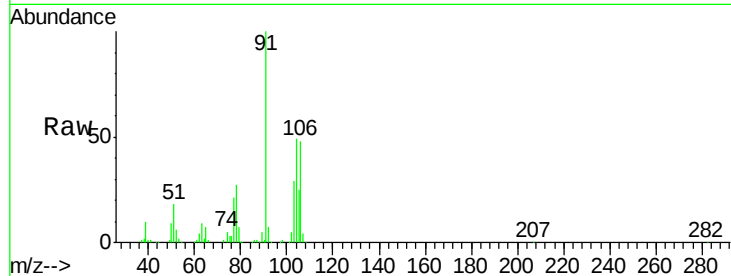
#69
o-Xylene
Concen: 21.070 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

Tot Ion:106 Resp: 94013
Ion Ratio Lower Upper
106 100
91 215.0 109.1 327.3

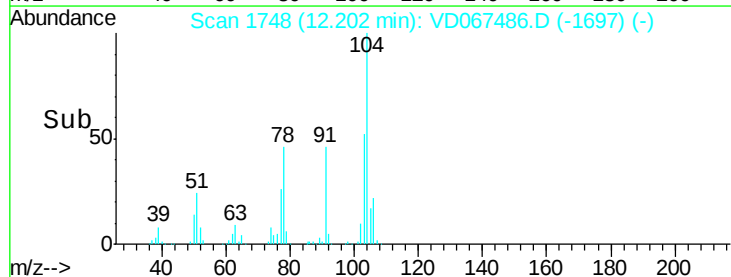
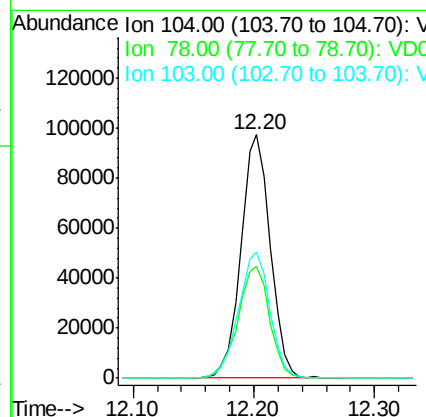
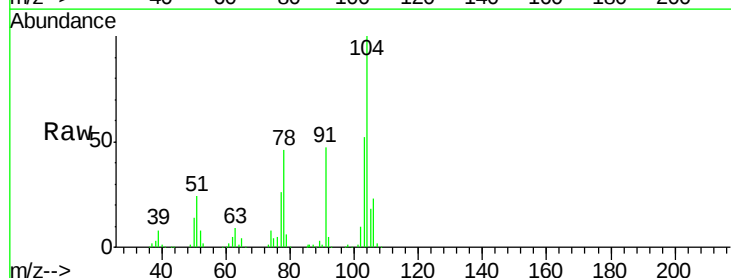
Manual Integrations
APPROVED

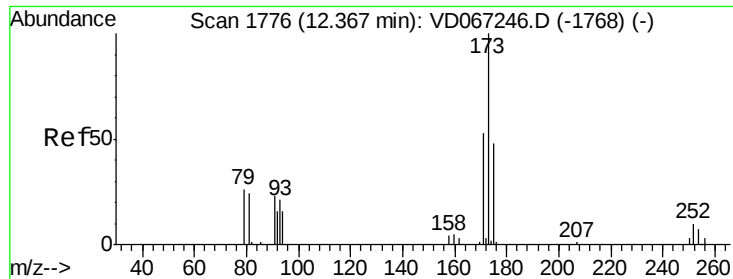
MMDadoda
11/3/2020 2:16:23 PM



#70
Styrene
Concen: 21.472 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion:104 Resp: 164921
Ion Ratio Lower Upper
104 100
78 49.7 39.8 59.6
103 55.5 42.6 64.0





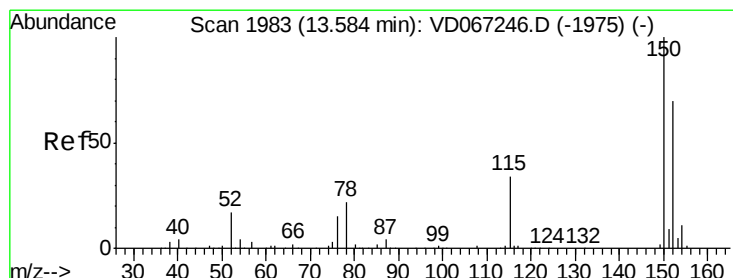
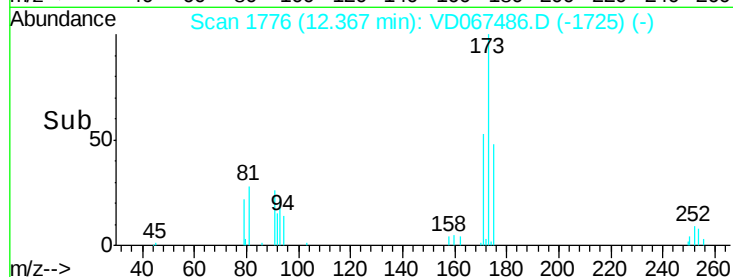
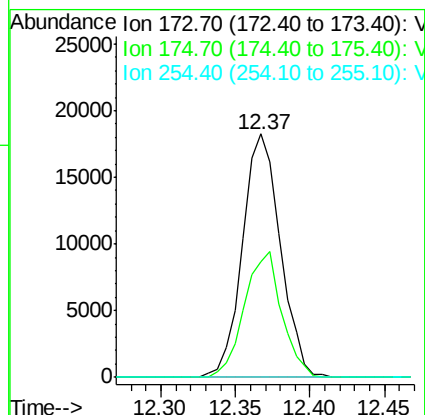
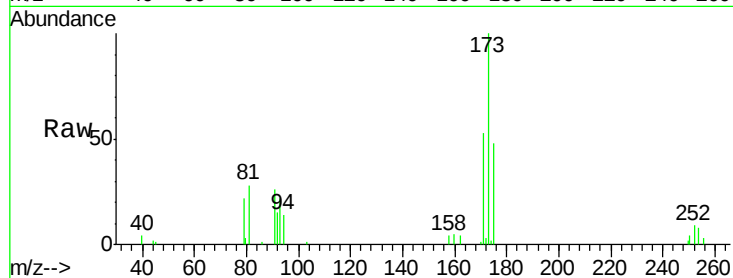
#71
Bromoform
Concen: 20.577 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.9	24.2	72.6
254	0.0	0.1	0.1#

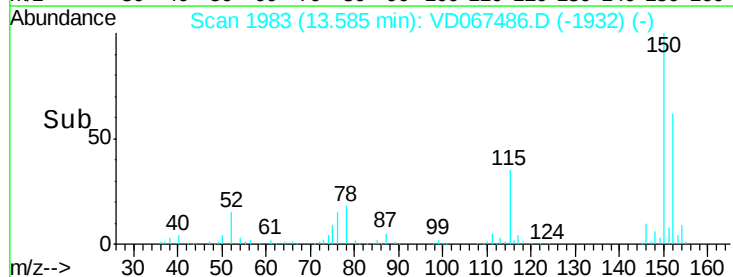
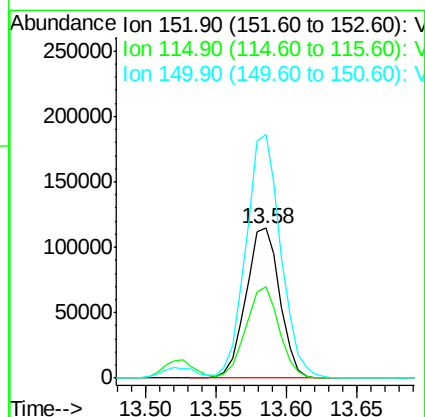
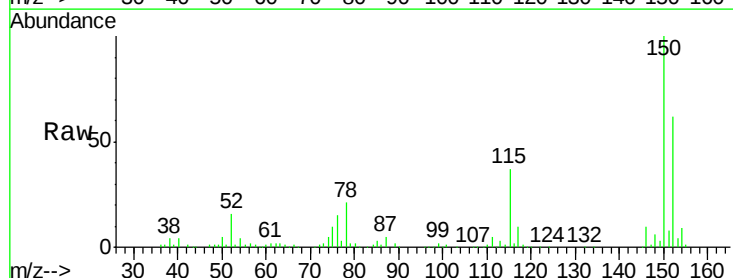
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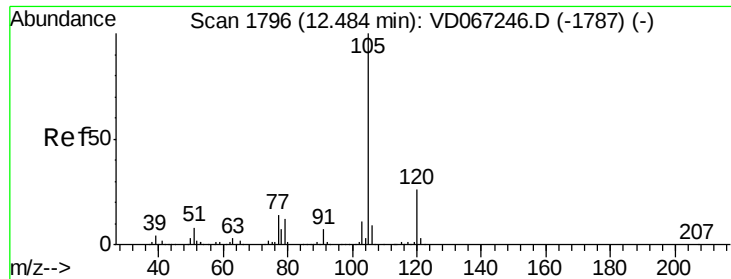
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.3	87.9
150	166.9	0.0	339.0





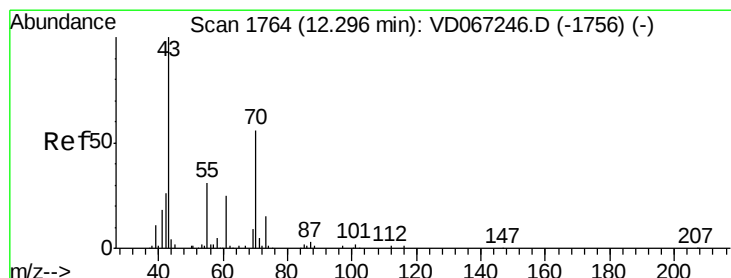
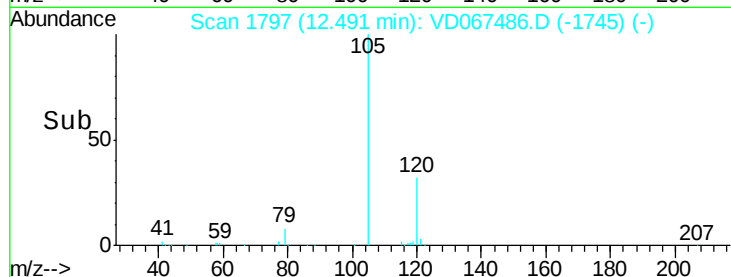
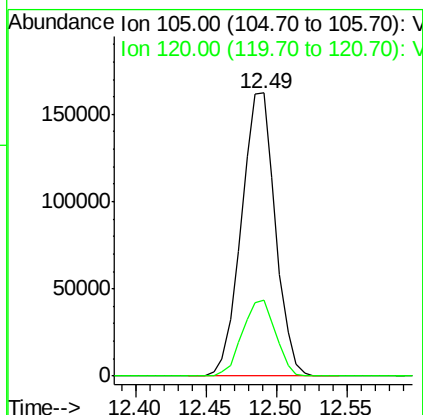
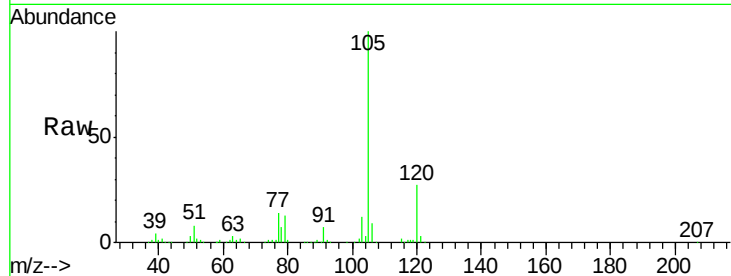
#73
Isopropylbenzene
Concen: 22.248 ug/l
RT: 12.49 min Scan# 1797
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.3	39.8

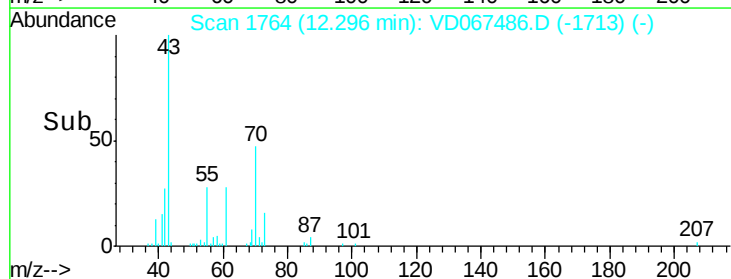
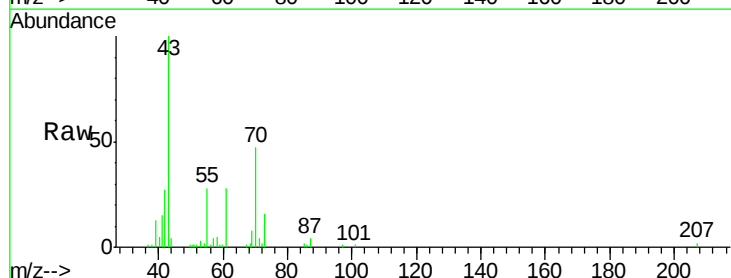
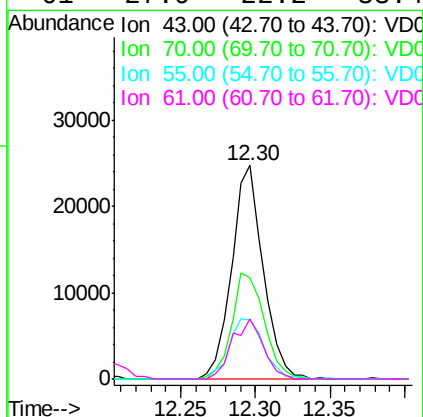
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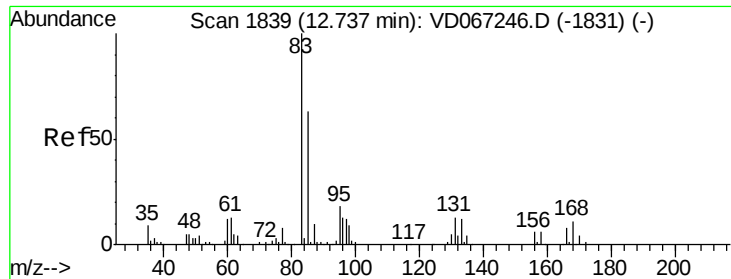
MMDadoda
11/3/2020 2:16:23 PM



#74
N-ethyl acetate
Concen: 19.627 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
43	100		
70	51.3	42.7	64.1
55	31.1	24.0	36.0
61	27.9	22.2	33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.084 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

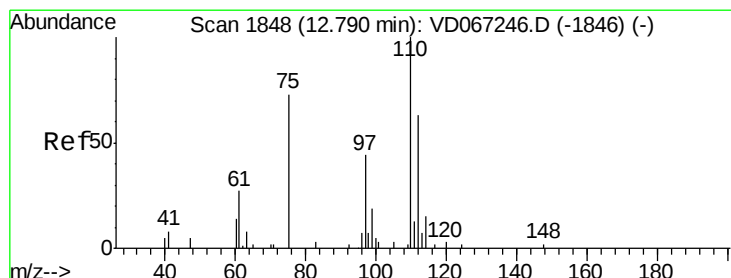
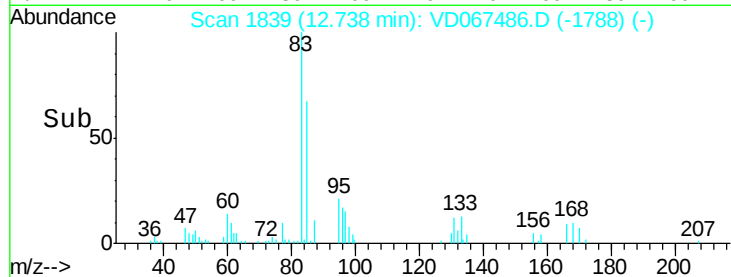
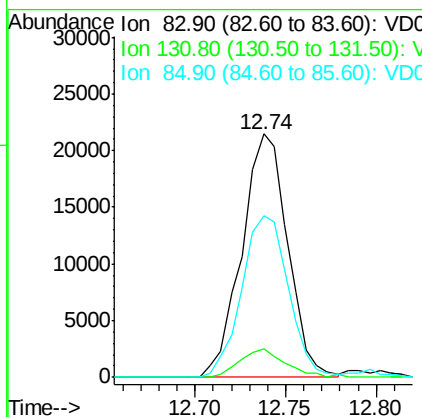
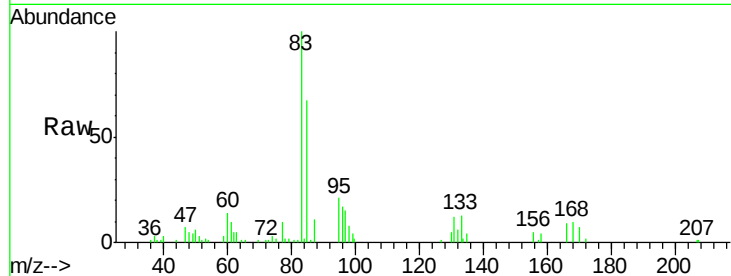
ClientSampleId :

VD1102SBS01

Tot Ion:	83	Resp:	37707
Ion Ratio	Lower	Upper	
83	100		
131	11.7	6.5	19.5
85	68.1	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 23.792 ug/l m

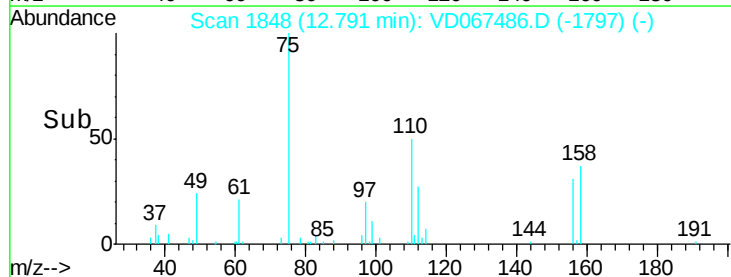
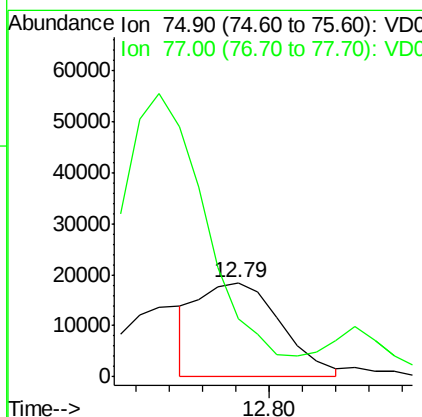
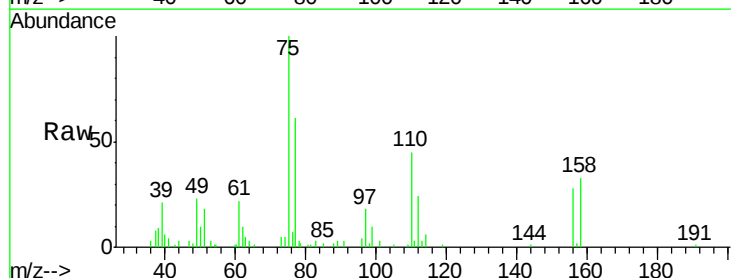
RT: 12.79 min Scan# 1848

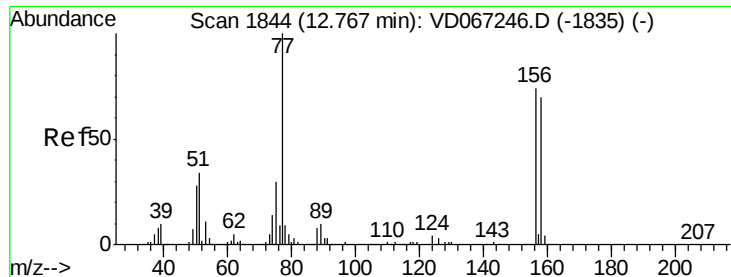
Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Tgt Ion:	75	Resp:	31836
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.691 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

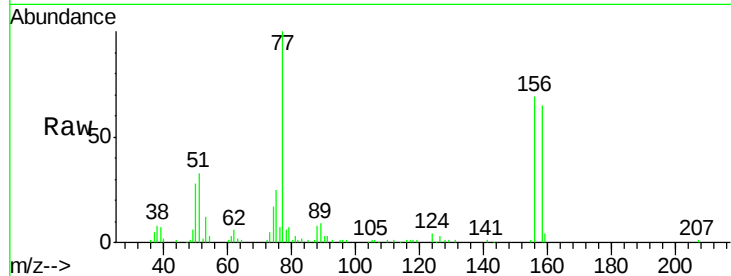
ClientSampleId :

VD1102SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	158.6	78.0	233.8
158	97.5	49.1	147.3

Manual Integrations
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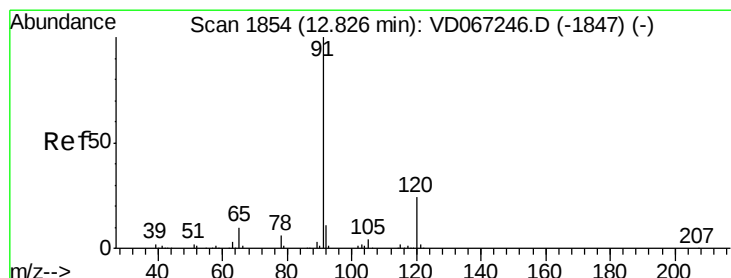
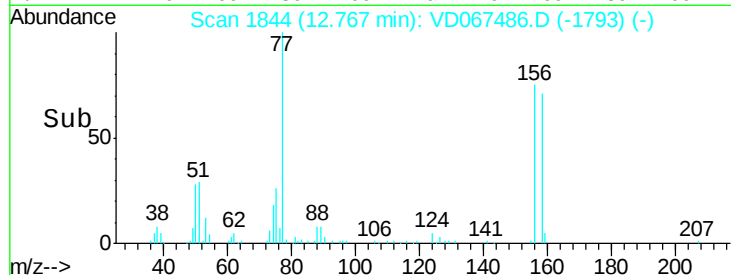
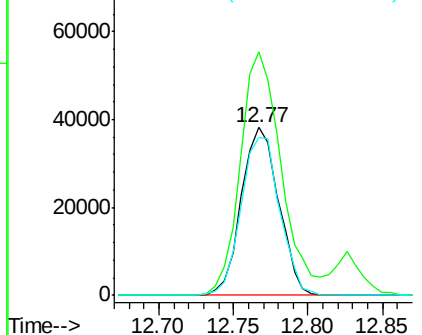
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.934 ug/l

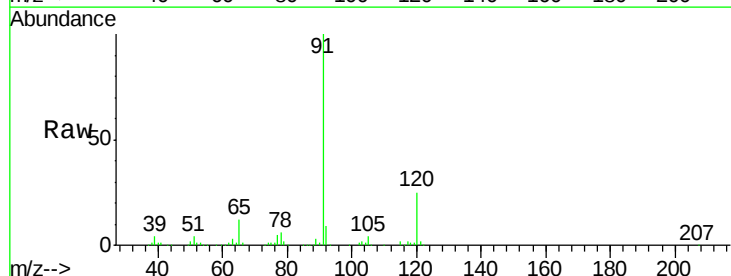
RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067486.D

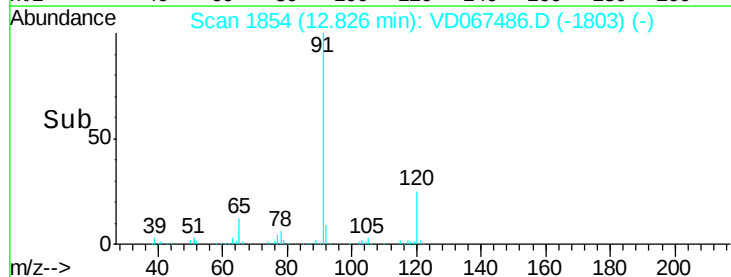
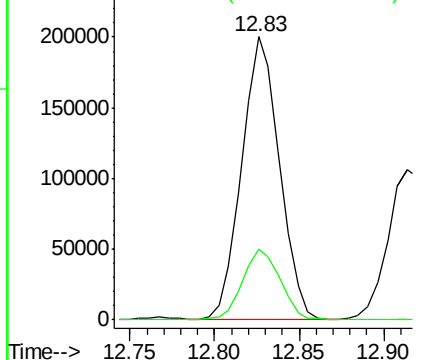
Acq: 02 Nov 2020 12:48

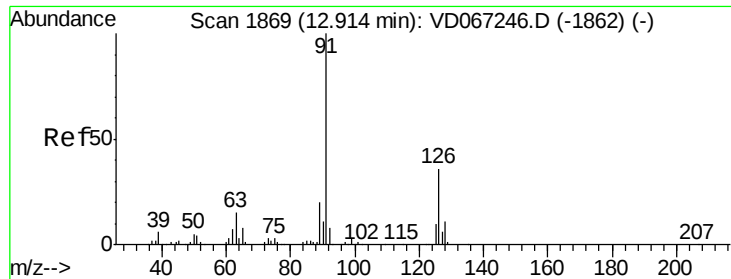
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





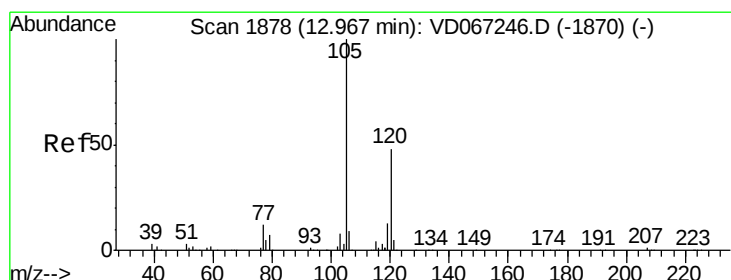
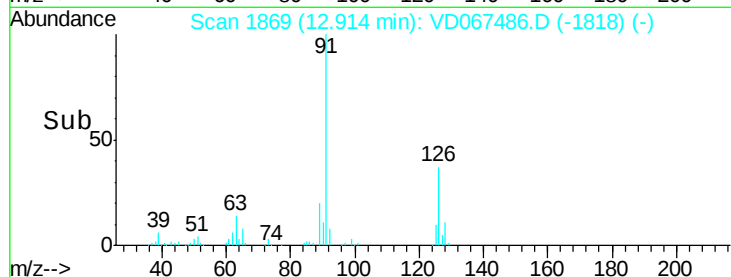
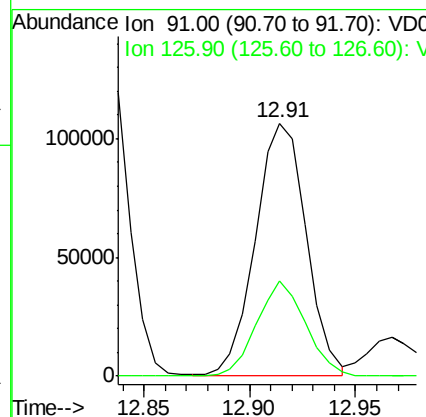
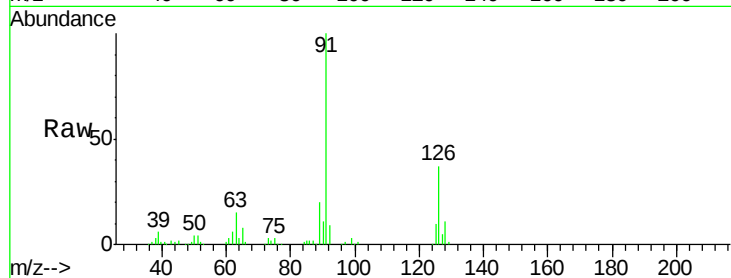
#79
 2-Chlorotoluene
 Concen: 21.582 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBSD01

Tot Ion: 91 Resp: 177683
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.6 52.8

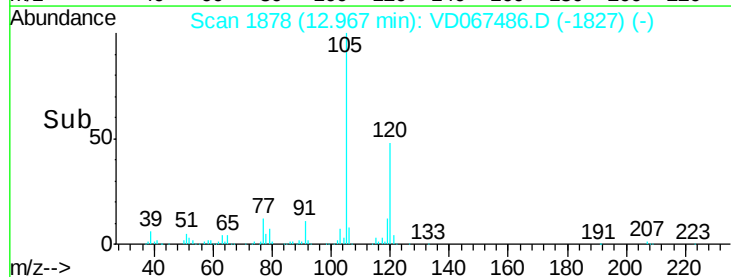
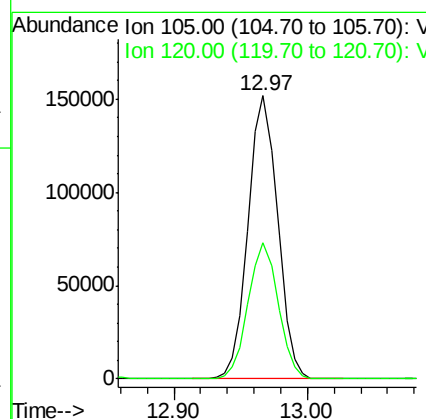
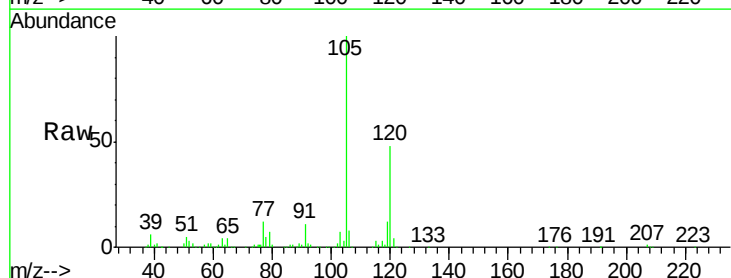
Manual Integrations
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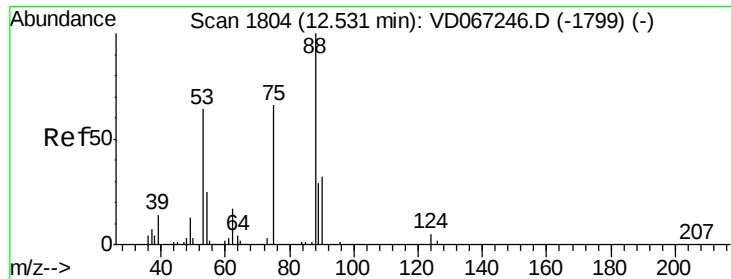
MMDadoda
 11/3/2020 2:16:23 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.830 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Tgt Ion: 105 Resp: 232440
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.3 72.8





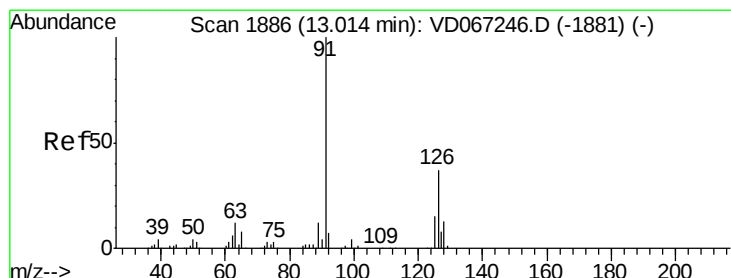
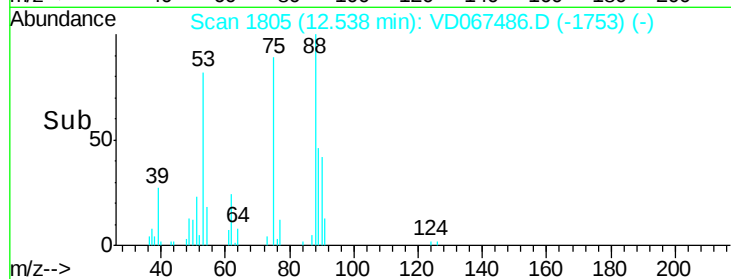
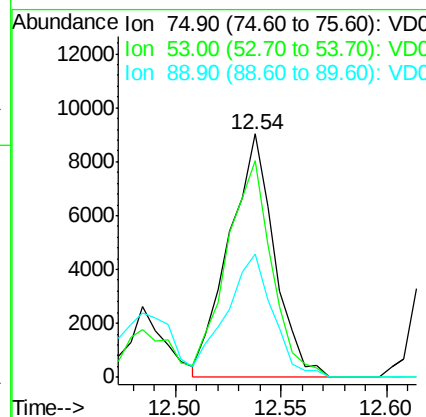
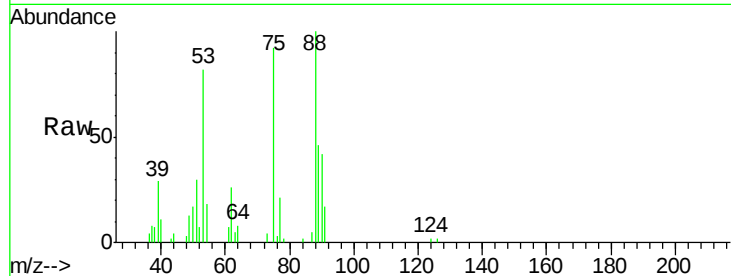
#81
trans-1,4-Dichloro-2-butene
Concen: 22.772 ug/l
RT: 12.54 min Scan# 1805
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.9	78.5	117.7
89	51.9	39.9	59.9

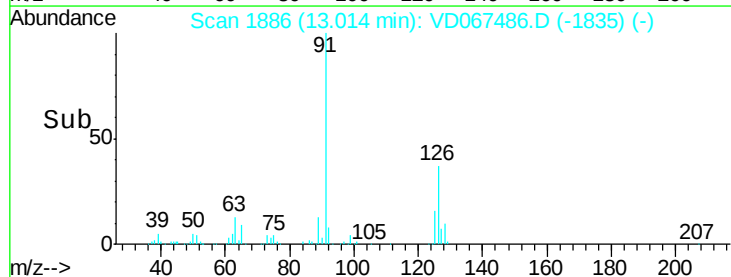
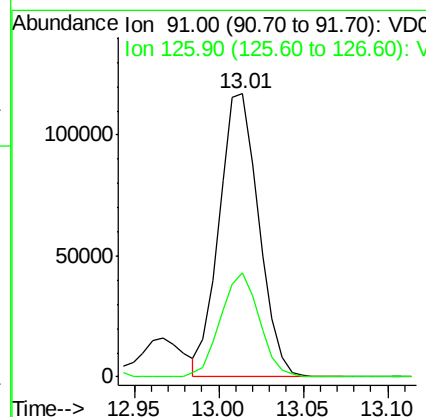
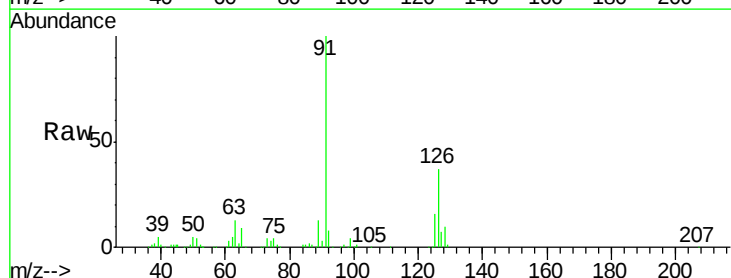
Manual Integrations
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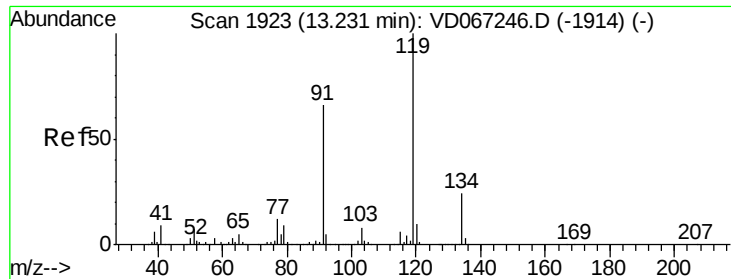
MMDadoda
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#82
4-Chlorotoluene
Concen: 21.927 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.2	17.8	53.5





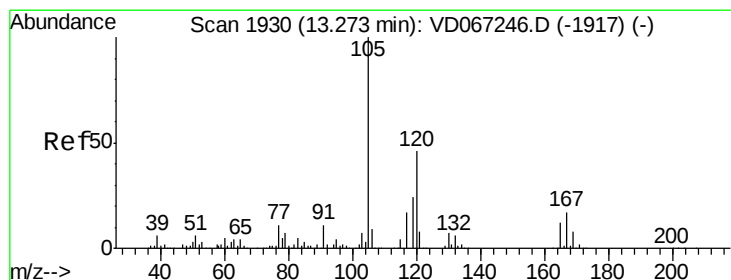
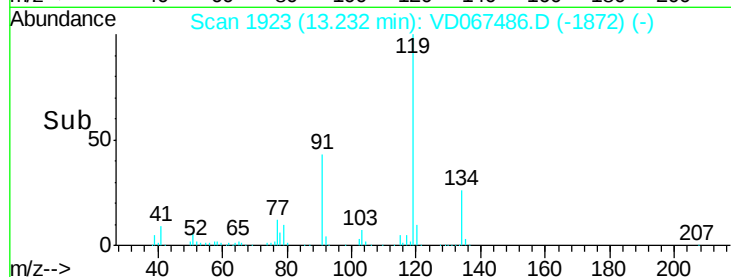
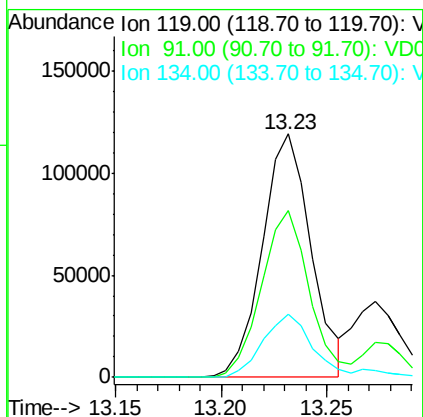
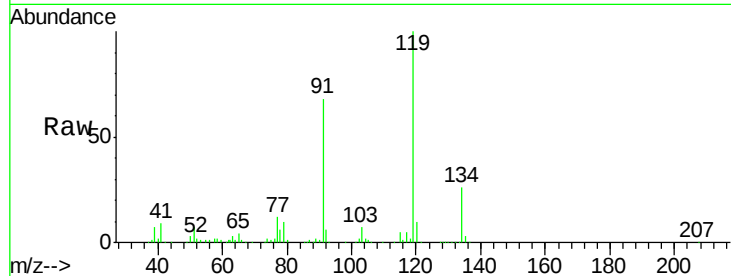
#83
tert-Butylbenzene
Concen: 21.298 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.0	33.1	99.2
134	26.1	13.3	39.9

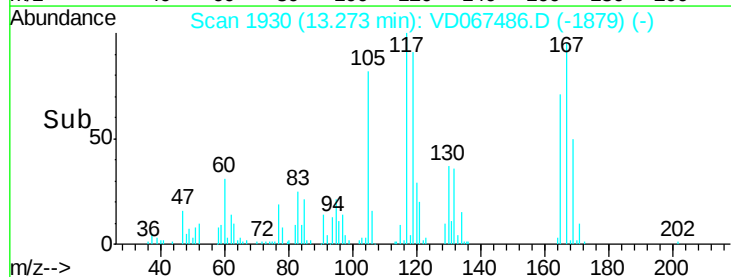
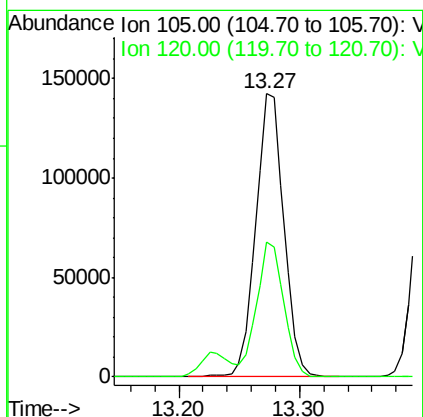
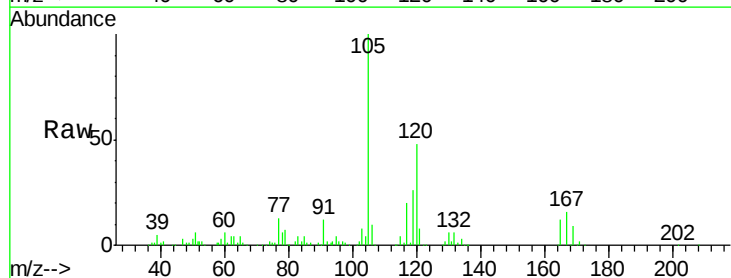
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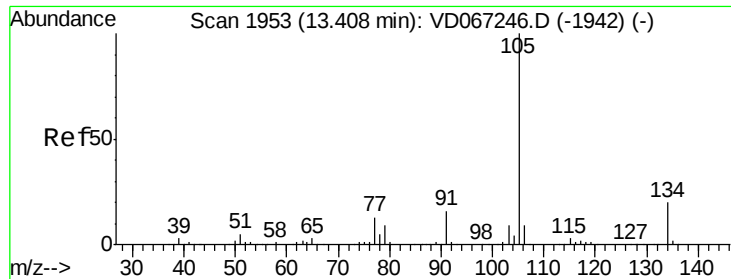
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11/3/2020 2:16:23 PM



#84
1,2,4-Trimethylbenzene
Concen: 21.983 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.4	67.3





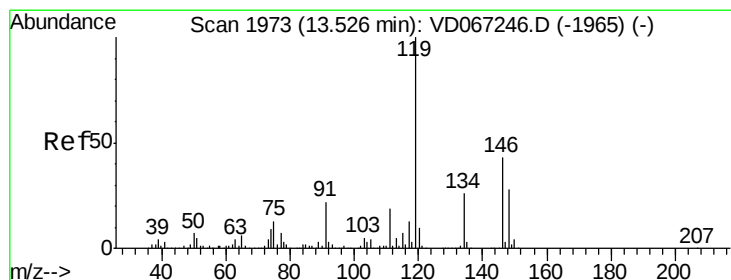
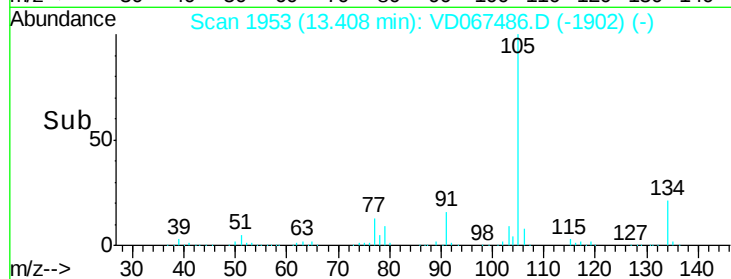
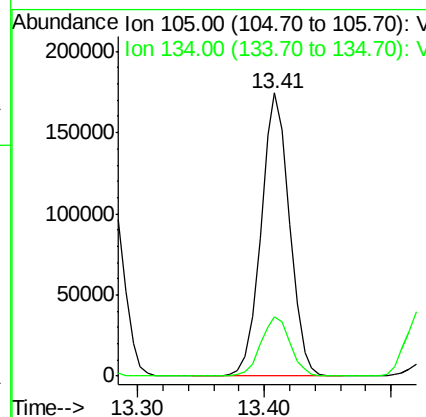
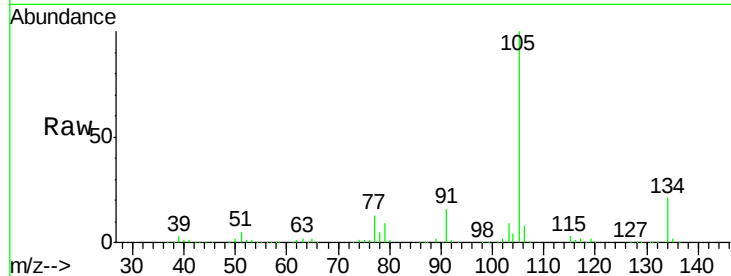
#85
 sec-Butylbenzene
 Concen: 22.021 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1102SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.6	10.5	31.5

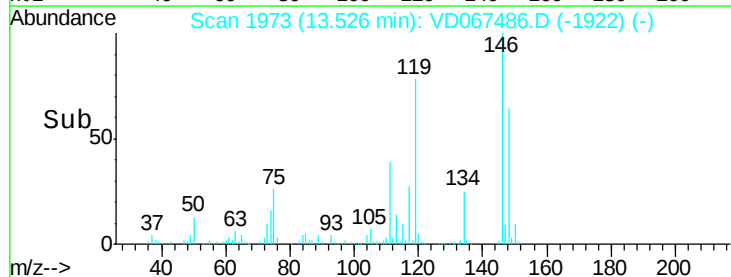
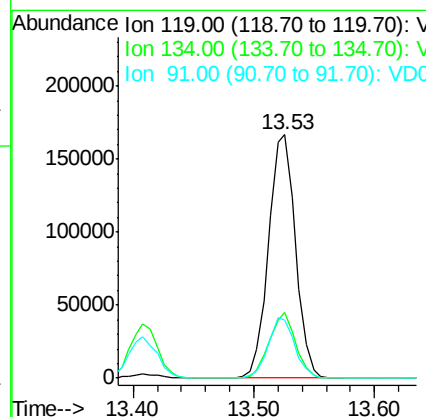
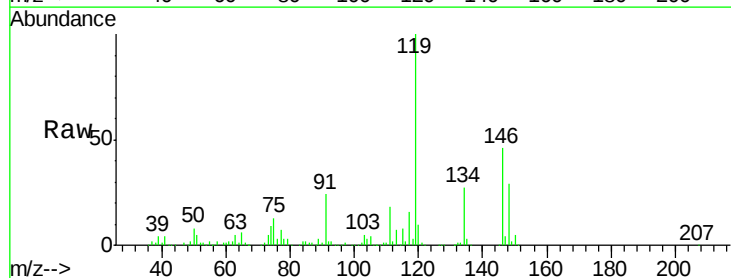
Manual Integrations
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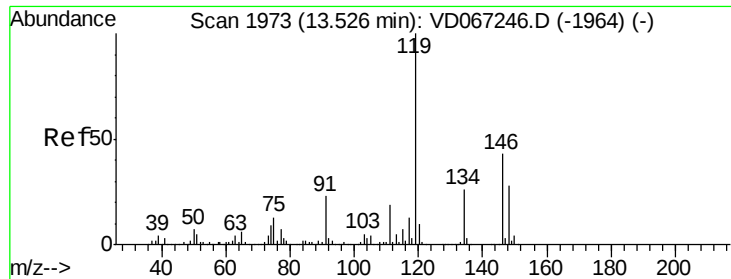
MMDadoda
 11/3/2020 2:16:23 PM



#86
 p-Isopropyltoluene
 Concen: 22.289 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.1	39.3
91	24.6	11.9	35.9





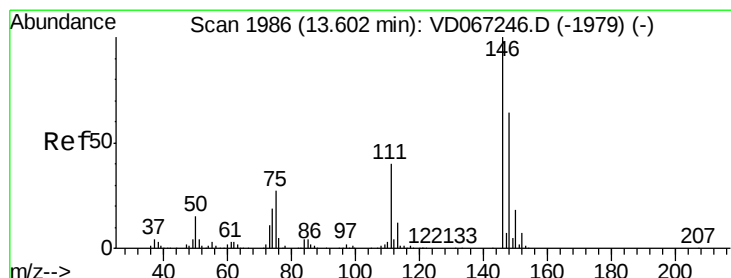
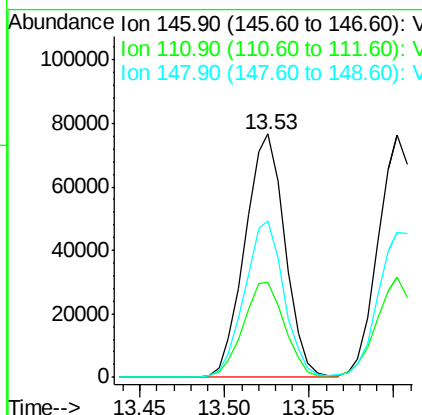
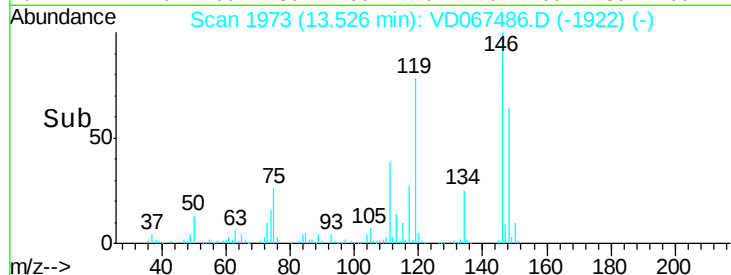
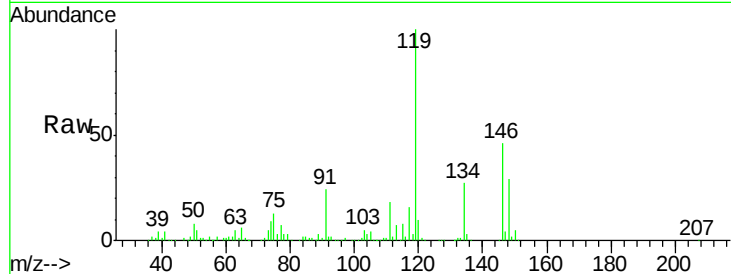
#87
 1,3-Dichlorobenzene
 Concen: 21.526 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	126566		
111	40.5	21.1	63.3	
148	63.1	31.9	95.9	

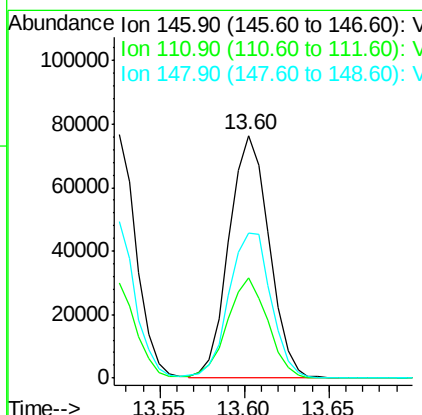
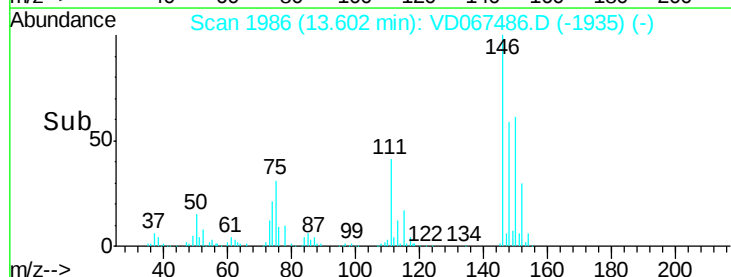
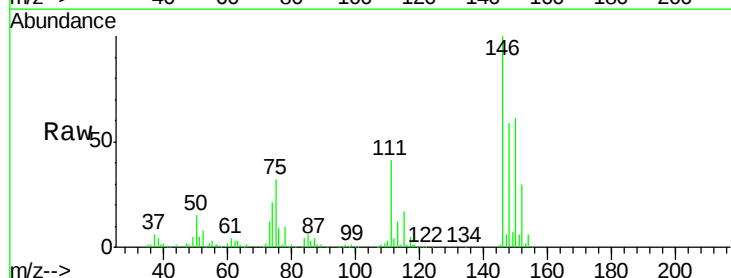
Manual Integrations
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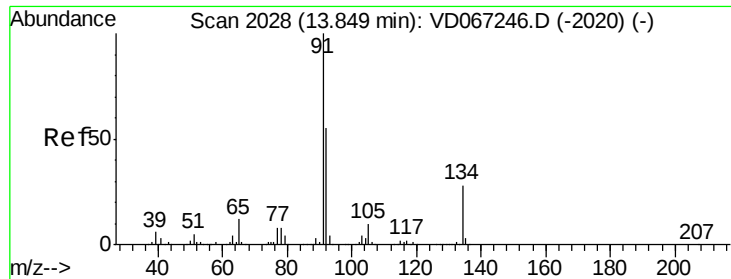
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#88
 1,4-Dichlorobenzene
 Concen: 21.773 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	126836		
111	41.4	19.9	59.7	
148	62.8	31.9	95.9	





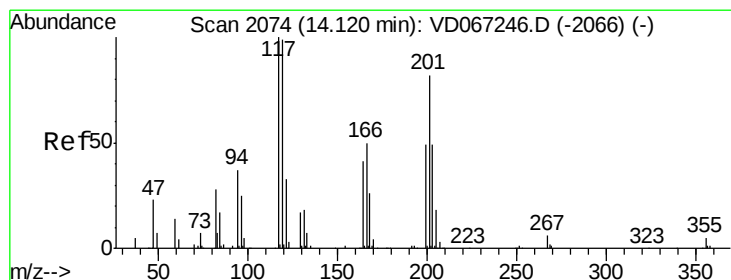
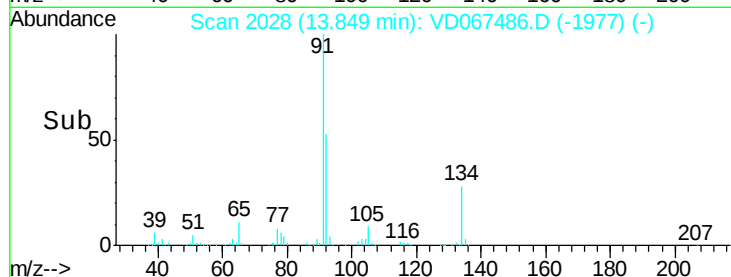
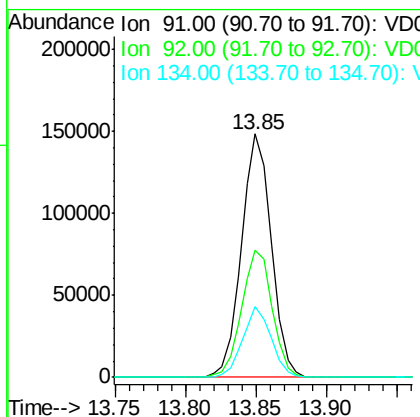
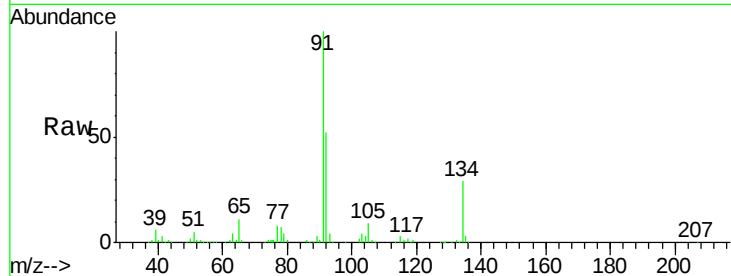
#89
n-Butylbenzene
Concen: 21.401 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	219312		
92	53.6	26.7	80.0	
134	27.9	14.2	42.6	

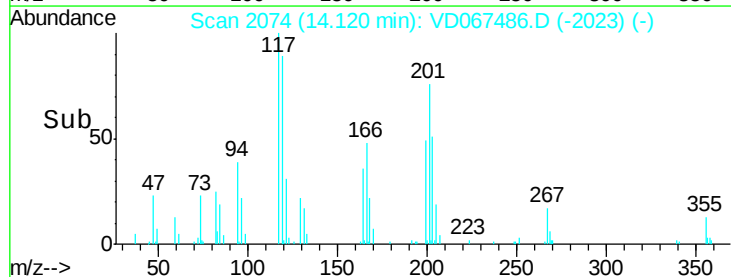
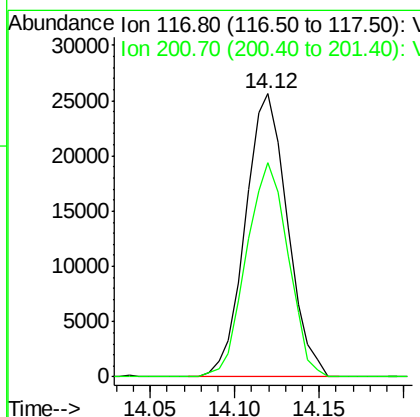
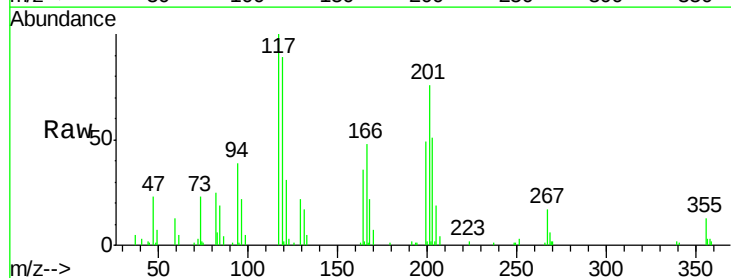
Manual Integrations
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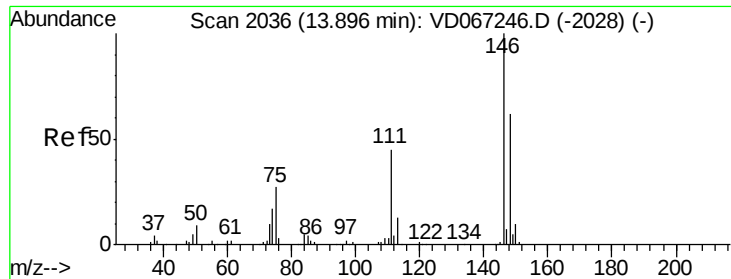
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#90
Hexachloroethane
Concen: 21.864 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	44445		
201	75.1	40.8	122.2	





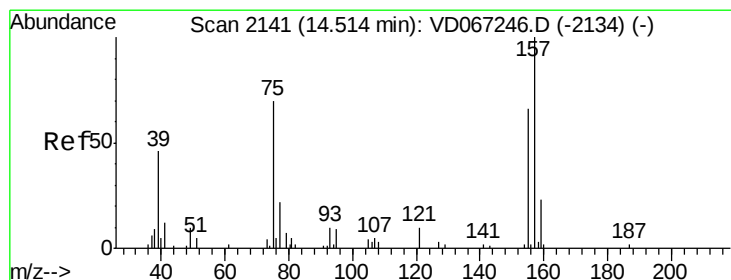
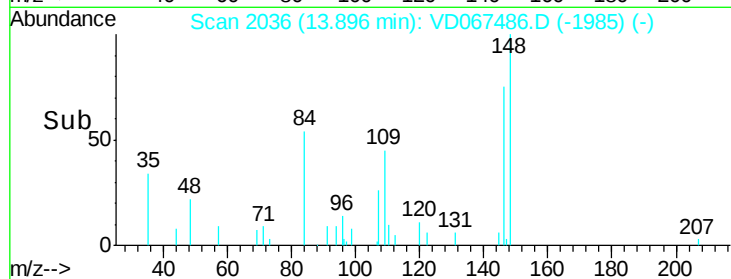
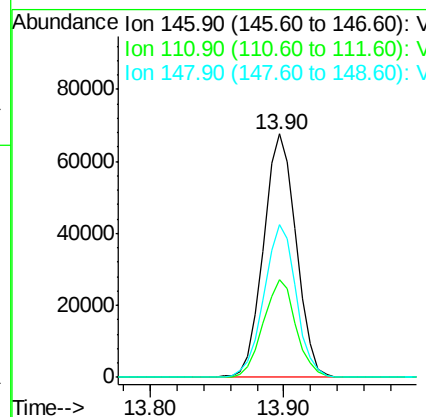
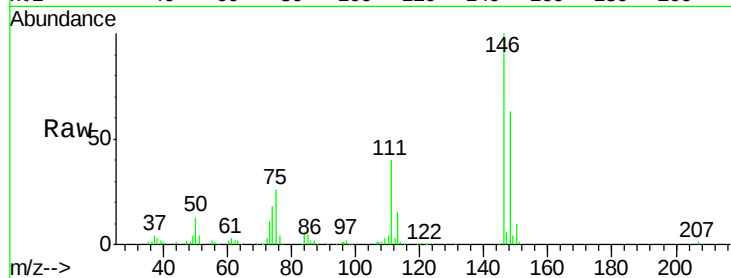
#91
 1,2-Dichlorobenzene
 Concen: 22.238 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	22.0	66.0
148	61.8	32.5	97.5

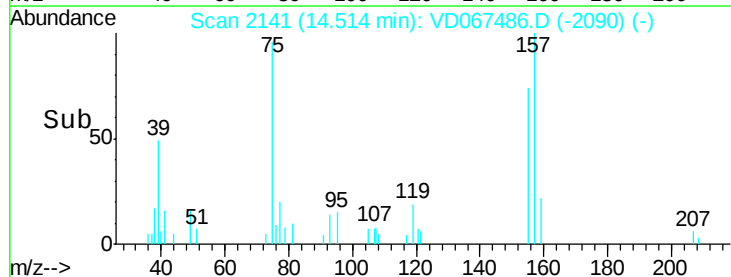
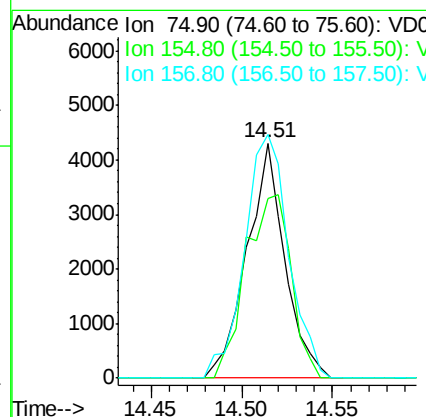
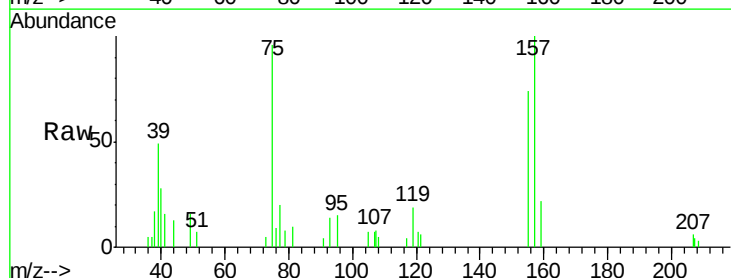
Manual Integrations
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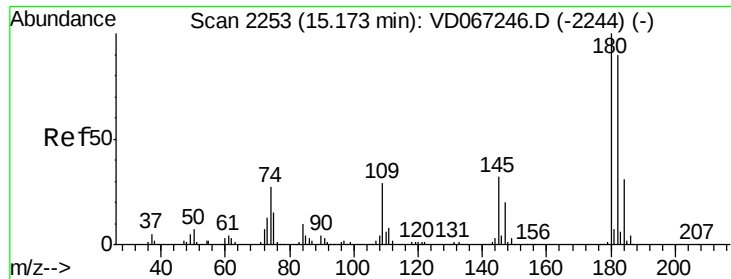
MMDadoda
 11/3/2020 2:16:23 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.395 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.6	44.8	134.4
157	120.5	62.5	187.4





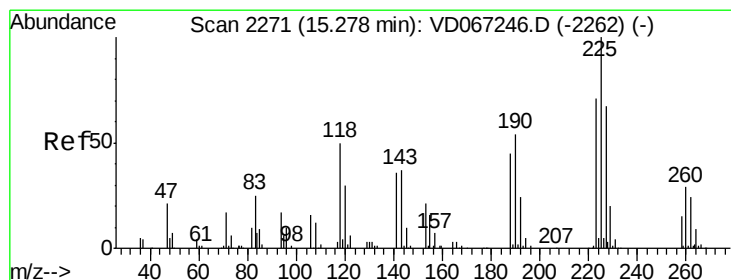
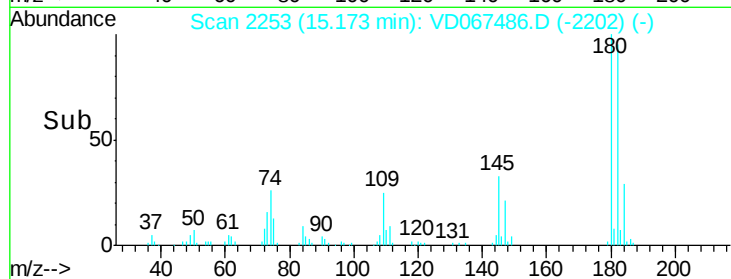
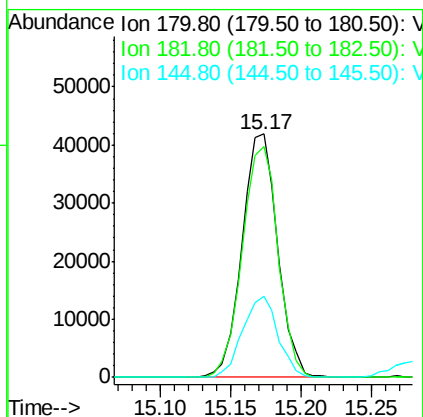
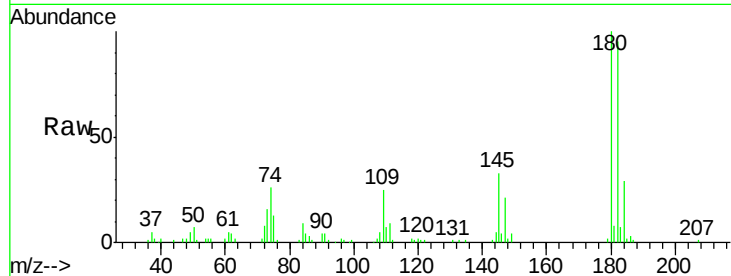
#93
1,2,4-Trichlorobenzene
Concen: 21.393 ug/l
RT: 15.17 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.1	144.4
145	32.8	16.3	48.9

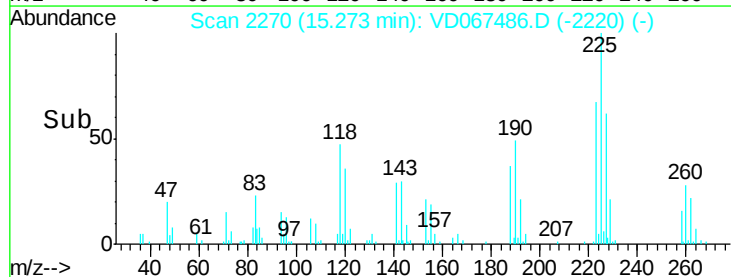
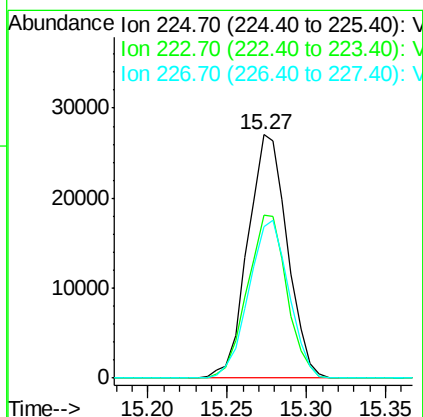
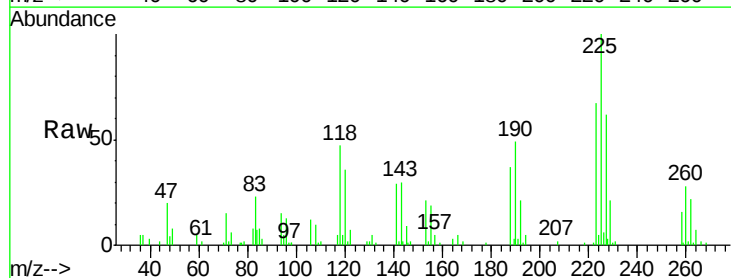
Manual Integrations
APPROVED

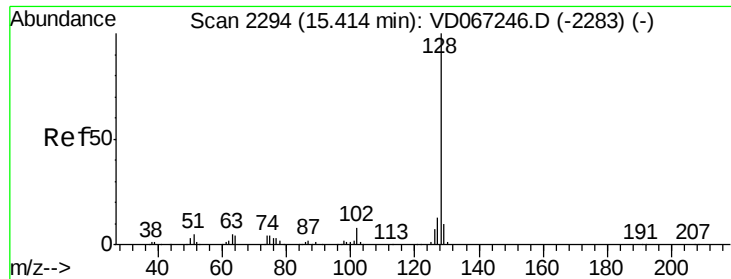
MMDadoda
11/3/2020 2:16:23 PM



#94
Hexachlorobutadiene
Concen: 21.784 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. -0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.0	31.9	95.7
227	65.6	31.2	93.6





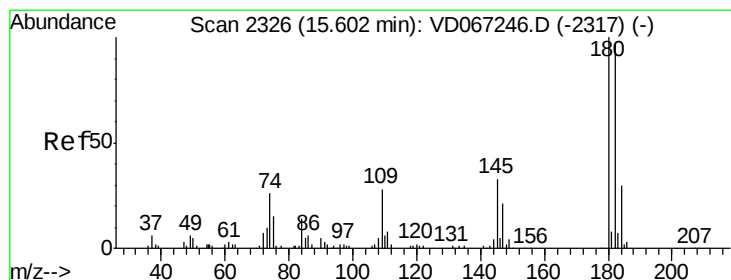
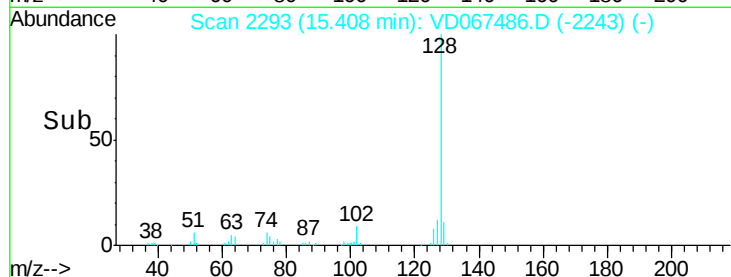
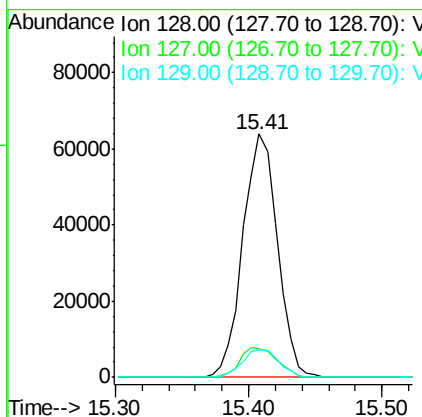
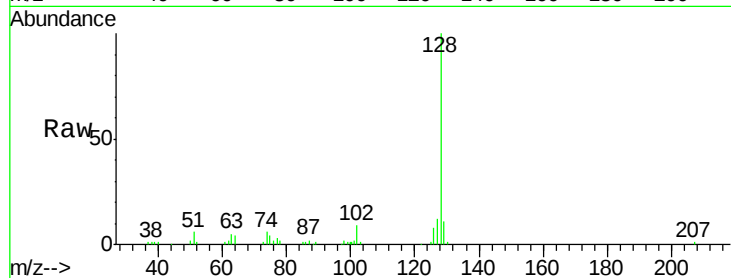
#95
Naphthalene
Concen: 20.056 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	12.1	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
11/3/2020 2:16:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.947 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	48.1	144.3
145	34.6	17.3	51.9

