

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120320\
 Data File : VD067857.D
 Acq On : 03 Dec 2020 09:51
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/4/2020 11:26:28 AM

Quant Time: Dec 03 14:32:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	232392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	324025	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	300716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	160540	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	121190	48.58	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.16%
35) Dibromofluoromethane	7.92	113	112398	51.84	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.68%
50) Toluene-d8	10.34	98	413233	52.94	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.88%
62) 4-Bromofluorobenzene	12.64	95	145945	54.08	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.16%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	110979	54.874	ug/l	94
3) Chloromethane	2.21	50	52863	45.291	ug/l	98
4) Vinyl Chloride	2.36	62	78115	53.140	ug/l	96
5) Bromomethane	2.77	94	87345	66.560	ug/l	86
6) Chloroethane	2.93	64	49945	52.185	ug/l	96
7) Trichlorofluoromethane	3.28	101	236926	52.672	ug/l	99
8) Diethyl Ether	3.71	74	43567	49.693	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.10	101	108354	52.826	ug/l	99
10) Methyl Iodide	4.30	142	91040	41.874	ug/l	99
11) Tert butyl alcohol	5.21	59	31260	241.820	ug/l #	84
12) 1,1-Dichloroethene	4.07	96	97437	50.598	ug/l	96
13) Acrolein	3.92	56	21508	224.339	ug/l	94
14) Allyl chloride	4.71	41	91165	51.174	ug/l	95
15) Acrylonitrile	5.41	53	73090	240.429	ug/l	97
16) Acetone	4.16	43	87015	282.256	ug/l	95
17) Carbon Disulfide	4.41	76	273744	50.914	ug/l	99
18) Methyl Acetate	4.72	43	28726	49.646	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	217633	52.778	ug/l	97
20) Methylene Chloride	4.97	84	107345	54.090	ug/l	95
21) trans-1,2-Dichloroethene	5.48	96	110285	50.328	ug/l	98
22) Diisopropyl ether	6.37	45	185429	51.752	ug/l	93
23) Vinyl Acetate	6.30	43	537533	269.670	ug/l	97
24) 1,1-Dichloroethane	6.26	63	163126	51.936	ug/l	94
25) 2-Butanone	7.21	43	80120	247.090	ug/l	97
26) 2,2-Dichloropropane	7.21	77	201080	53.687	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	123237	51.417	ug/l	96
28) Bromochloromethane	7.54	49	48364	48.499	ug/l	99
29) Tetrahydrofuran	7.56	42	45136	244.473	ug/l	98
30) Chloroform	7.71	83	212408	50.604	ug/l	96
31) Cyclohexane	7.99	56	130254	49.555	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	233546	52.709	ug/l	98
36) 1,1-Dichloropropene	8.12	75	153718	54.800	ug/l	99
37) Ethyl Acetate	7.30	43	36775	48.644	ug/l #	92
38) Carbon Tetrachloride	8.10	117	227967	53.713	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	183443	55.185	ug/l	94
40) Benzene	8.36	78	417644	54.413	ug/l	98
41) Methacrylonitrile	7.53	41	18002m	50.157	ug/l	
42) 1,2-Dichloroethane	8.43	62	144648	52.877	ug/l	100
43) Isopropyl Acetate	8.46	43	75692	50.884	ug/l	98
44) Trichloroethene	9.11	130	138399	52.445	ug/l	97
45) 1,2-Dichloropropane	9.39	63	80610	51.170	ug/l	95
46) Dibromomethane	9.48	93	57099	52.131	ug/l	98
47) Bromodichloromethane	9.67	83	165988	53.158	ug/l	98
48) Methyl methacrylate	9.46	41	37708	49.922	ug/l	98
49) 1,4-Dioxane	9.47	88	11251	898.970	ug/l #	90
51) 4-Methyl-2-Pentanone	10.23	43	179619	255.130	ug/l	99
52) Toluene	10.41	92	287825	53.636	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	142238	52.777	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	158618	54.107	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	77954	52.006	ug/l	92
56) Ethyl methacrylate	10.66	69	78388	51.399	ug/l	98
57) 1,3-Dichloropropane	10.95	76	119053	50.141	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	178410	257.088	ug/l	97
59) 2-Hexanone	10.98	43	137284	276.613	ug/l	97
60) Dibromochloromethane	11.14	129	121819	53.914	ug/l	98
61) 1,2-Dibromoethane	11.25	107	73821	50.081	ug/l	98
64) Tetrachloroethene	10.88	164	126032	51.381	ug/l	96
65) Chlorobenzene	11.67	112	322518	51.978	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	134244	53.045	ug/l	97
67) Ethyl Benzene	11.75	91	571324	54.051	ug/l	97
68) m/p-Xylenes	11.85	106	445334	106.849	ug/l	99
69) o-Xylene	12.18	106	207265	56.016	ug/l	96
70) Styrene	12.20	104	349657	54.345	ug/l	99
71) Bromoform	12.37	173	67951	50.723	ug/l #	99
73) Isopropylbenzene	12.48	105	583478	52.850	ug/l	99
74) N-amyl acetate	12.29	43	65980	48.314	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	68991	47.332	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	54417m	46.546	ug/l	
77) Bromobenzene	12.77	156	139697	50.897	ug/l	99
78) n-propylbenzene	12.83	91	641519	52.427	ug/l	100
79) 2-Chlorotoluene	12.91	91	375949	52.225	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	508379	53.185	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	22328	45.685	ug/l	98
82) 4-Chlorotoluene	13.01	91	396103	51.583	ug/l	99
83) tert-Butylbenzene	13.23	119	434967	53.474	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	503322	52.953	ug/l	100
85) sec-Butylbenzene	13.40	105	570172	52.519	ug/l	99
86) p-Isopropyltoluene	13.52	119	551328	51.816	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	268113	50.640	ug/l	96
88) 1,4-Dichlorobenzene	13.60	146	262729	49.601	ug/l	100
89) n-Butylbenzene	13.84	91	471094	53.292	ug/l	99
90) Hexachloroethane	14.11	117	102800	52.331	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	226766	49.383	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14541	47.801	ug/l	97

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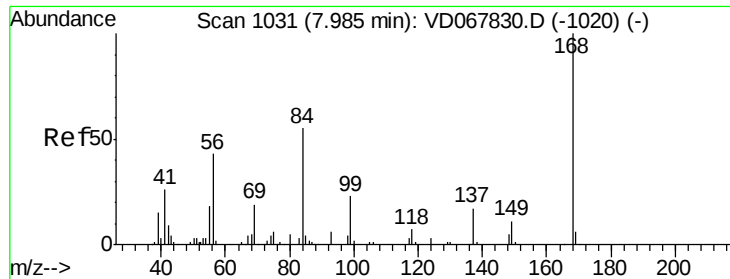
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	165551	51.541	ug/l	98
94) Hexachlorobutadiene	15.27	225	111052	52.984	ug/l	96
95) Naphthalene	15.40	128	264227	50.553	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	141612	51.052	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 232392

Ion Ratio Lower Upper

168 100

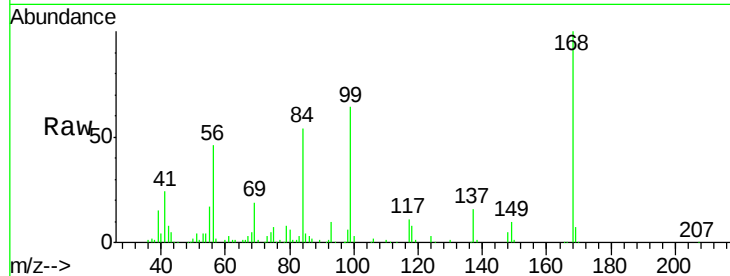
99 63.7 47.1 70.7

Manual Integrations

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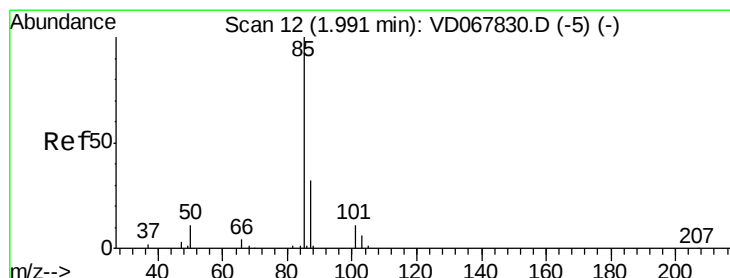
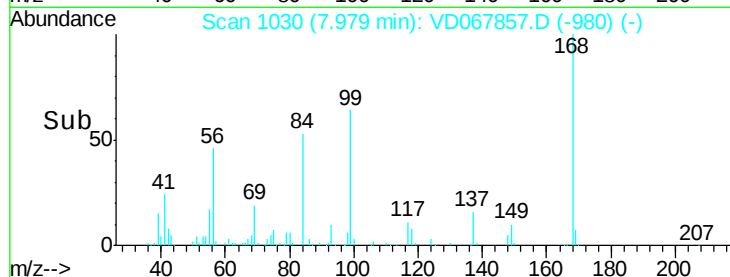
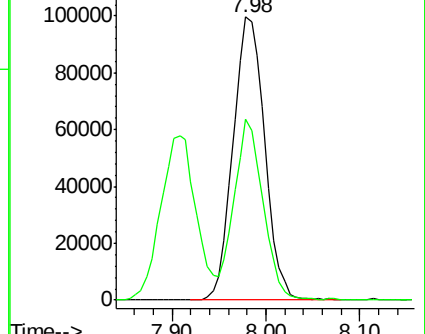
MMDadoda

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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: 54.874 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD067857.D

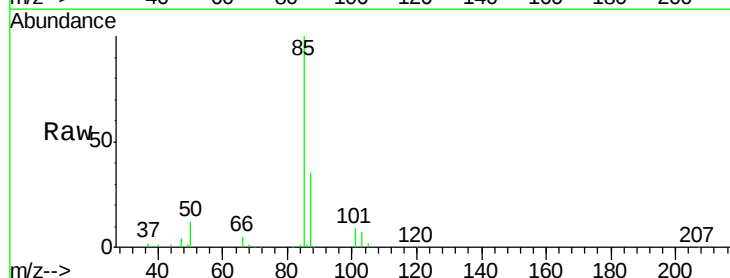
Acq: 03 Dec 2020 09:51

Tgt Ion: 85 Resp: 110979

Ion Ratio Lower Upper

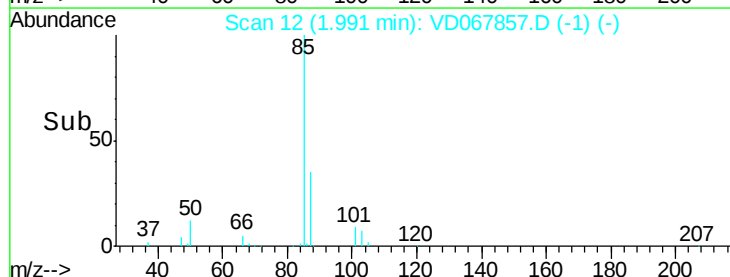
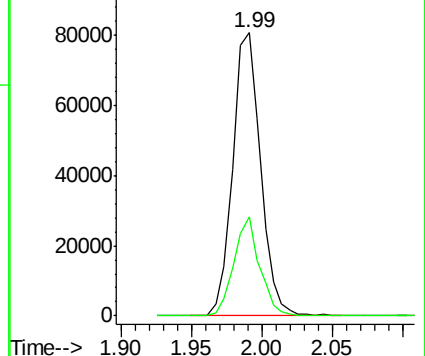
85 100

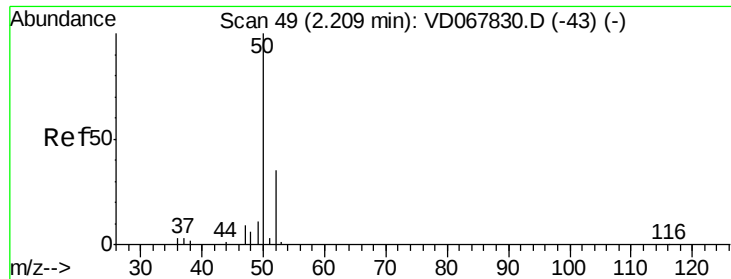
87 35.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 45.291 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 52863

Ion Ratio Lower Upper

50 100

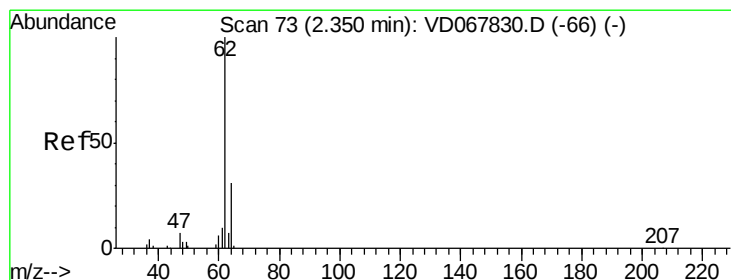
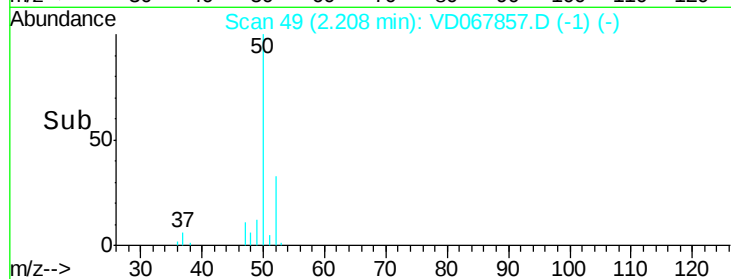
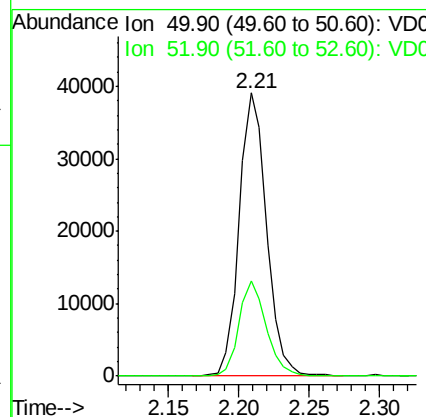
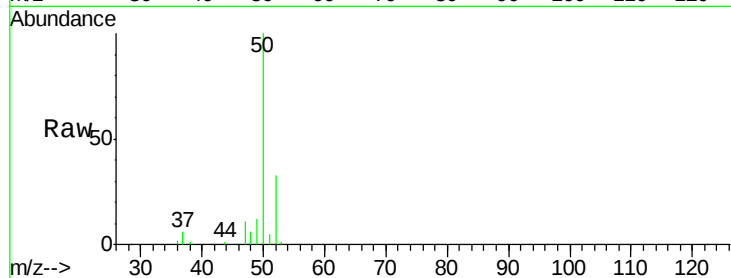
52 33.5 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.140 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD067857.D

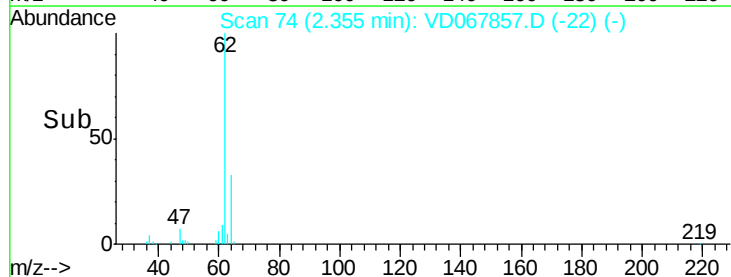
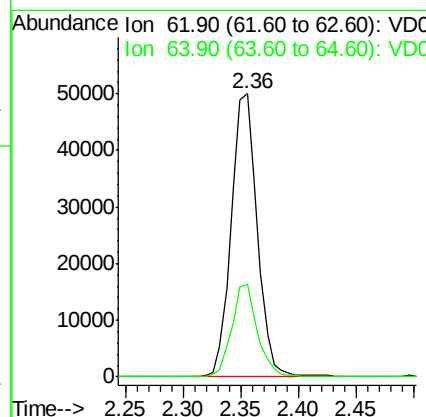
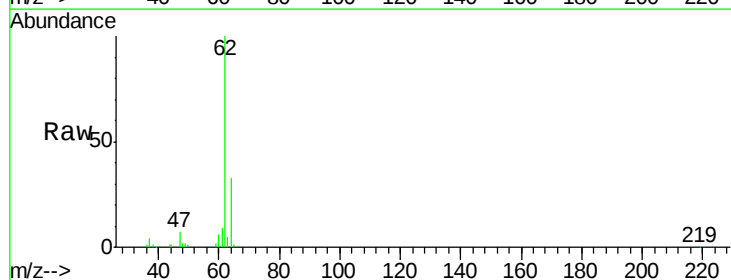
Acq: 03 Dec 2020 09:51

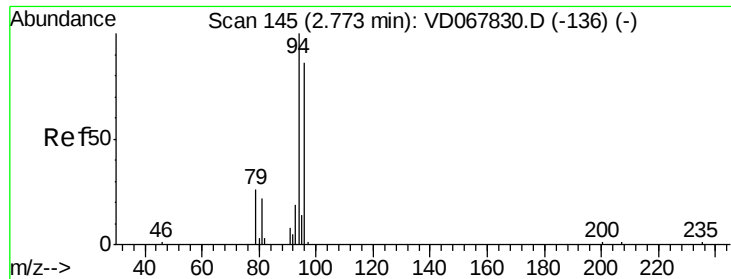
Tgt Ion: 62 Resp: 78115

Ion Ratio Lower Upper

62 100

64 32.7 24.5 36.7





#5

Bromomethane

Concen: 66.560 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 87345

Ion Ratio Lower Upper

94 100

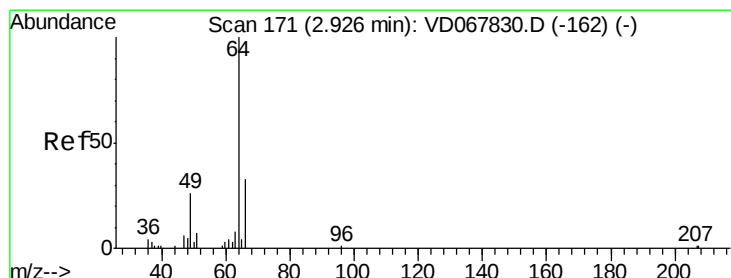
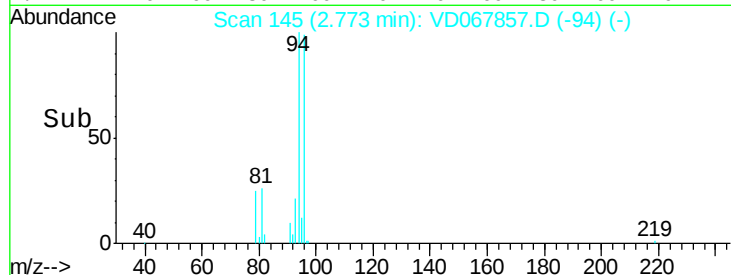
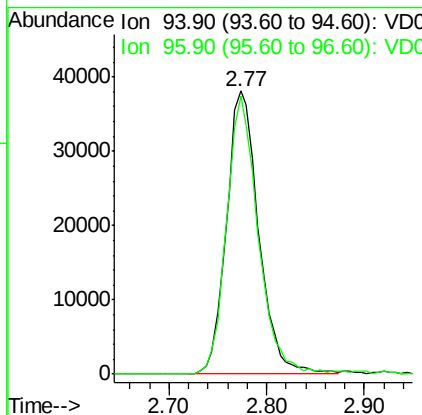
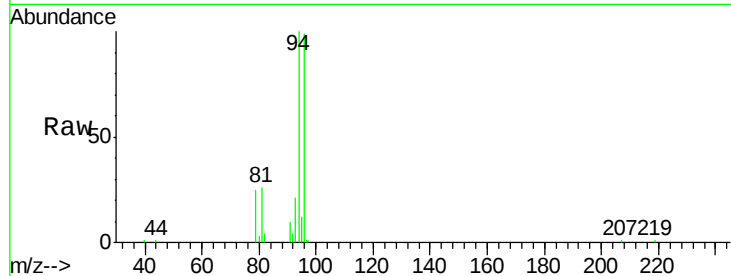
96 98.5 68.7 103.1

Manual Integrations

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#6

Chloroethane

Concen: 52.185 ug/l

RT: 2.93 min Scan# 172

Delta R.T. 0.01 min

Lab File: VD067857.D

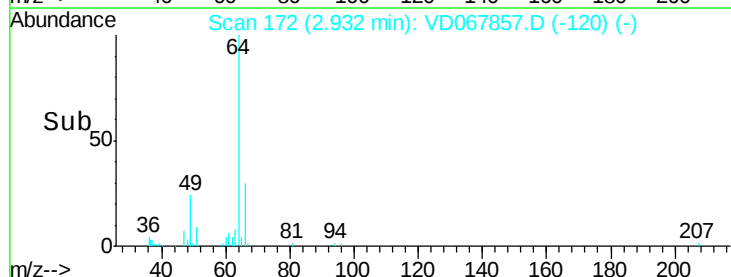
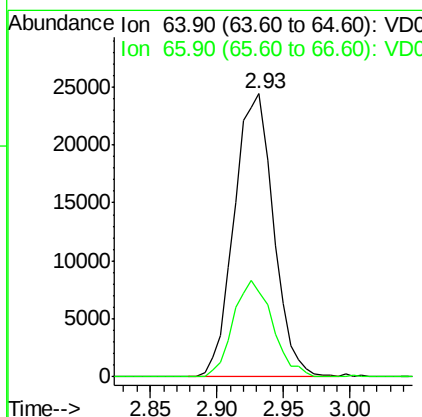
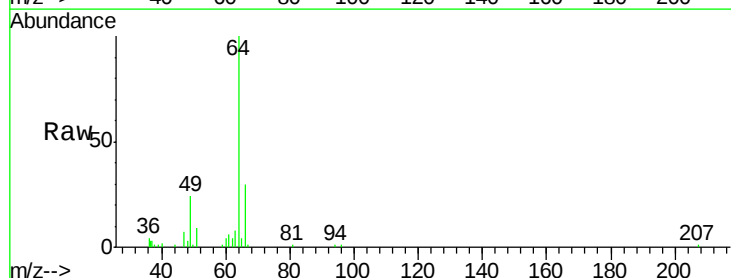
Acq: 03 Dec 2020 09:51

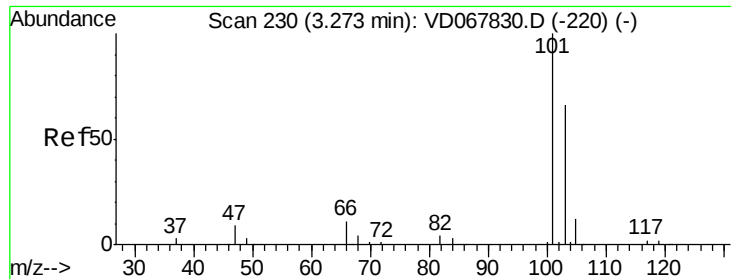
Tgt Ion: 64 Resp: 49945

Ion Ratio Lower Upper

64 100

66 30.1 26.1 39.1





#7

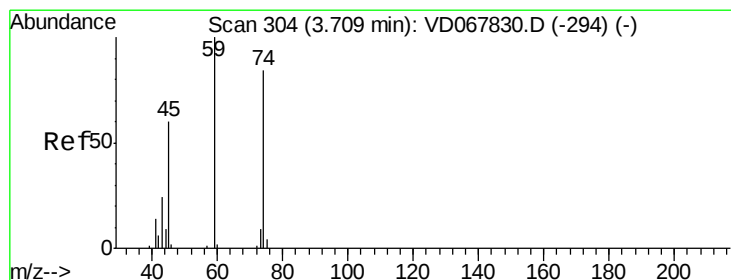
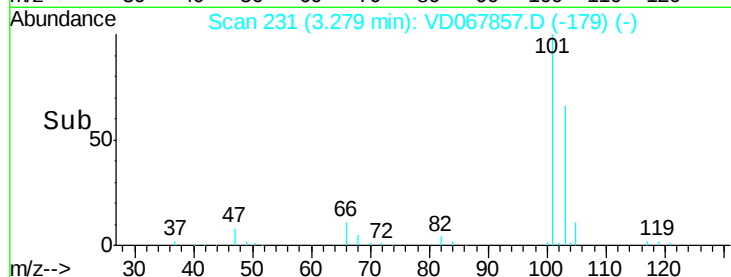
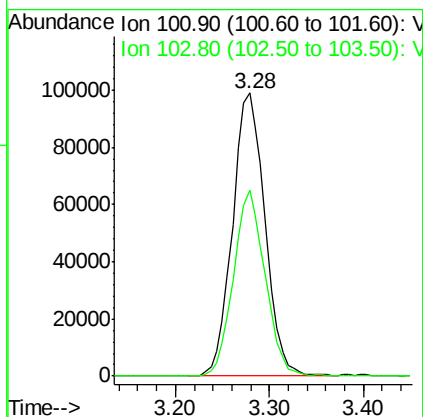
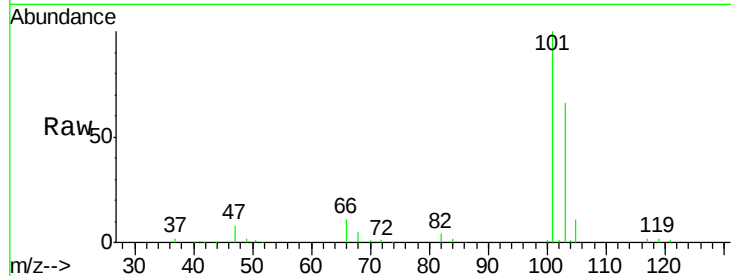
Trichlorofluoromethane
Concen: 52.672 ug/l
RT: 3.28 min Scan# 231
Delta R.T. 0.01 min
Lab File: VD067857.D
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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	53.0	79.6

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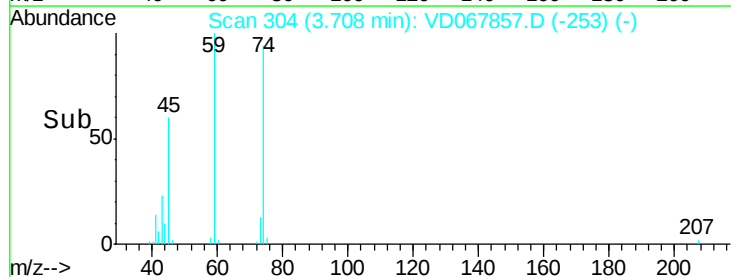
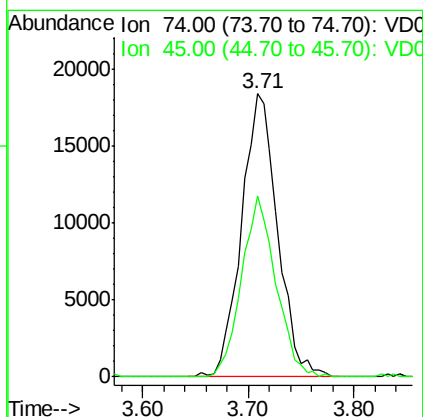
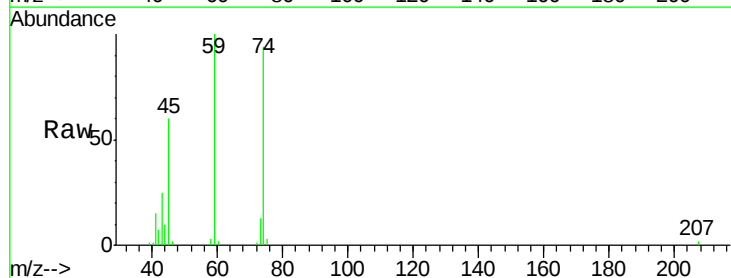
MMDadoda
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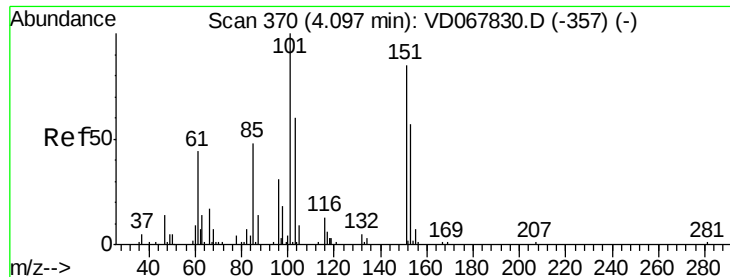


#8

Diethyl Ether
Concen: 49.693 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD067857.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	60.8	33.9	101.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.826 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067857.D

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Instrument :

MSVOA_D

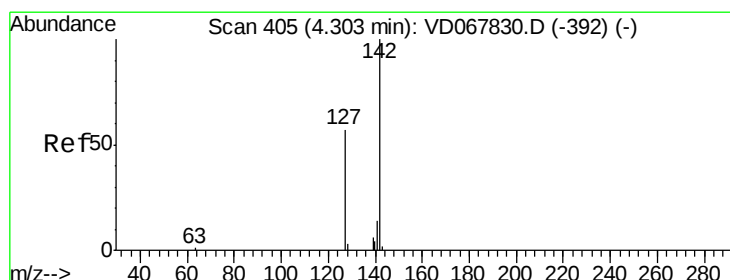
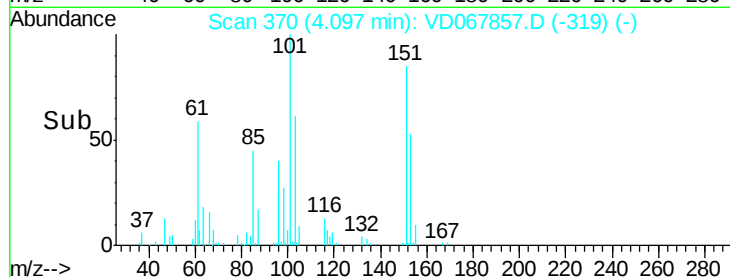
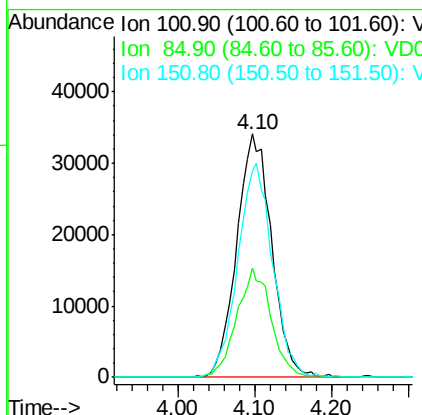
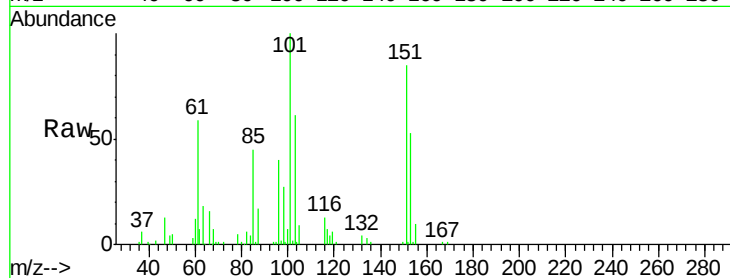
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	108354
Ion Ratio	Lower	Upper	
101	100		
85	43.8	36.2	54.4
151	87.2	69.4	104.2

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#10

Methyl Iodide

Concen: 41.874 ug/l

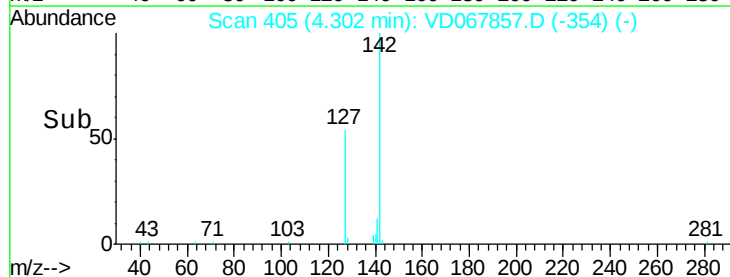
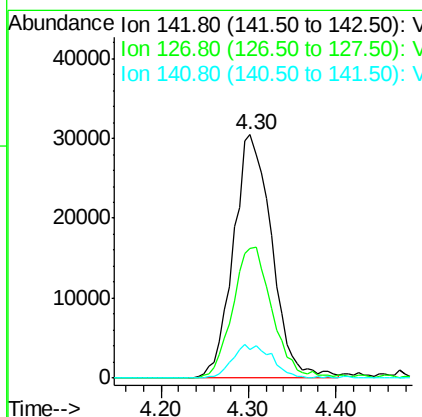
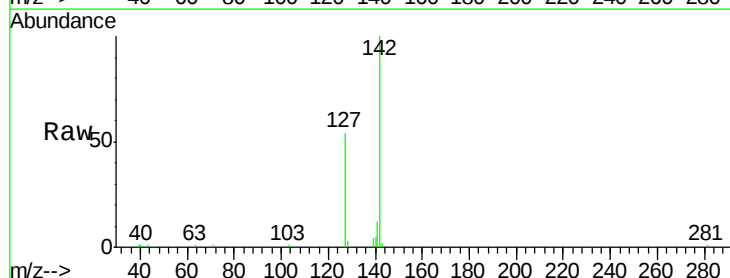
RT: 4.30 min Scan# 405

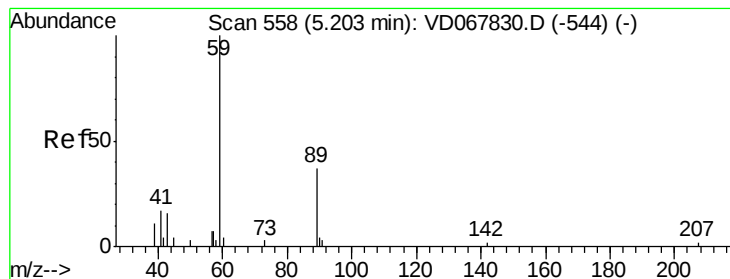
Delta R.T. -0.00 min

Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

Tgt Ion:	142	Resp:	91040
Ion Ratio	Lower	Upper	
142	100		
127	55.4	43.9	65.9
141	14.0	12.2	18.2





#11

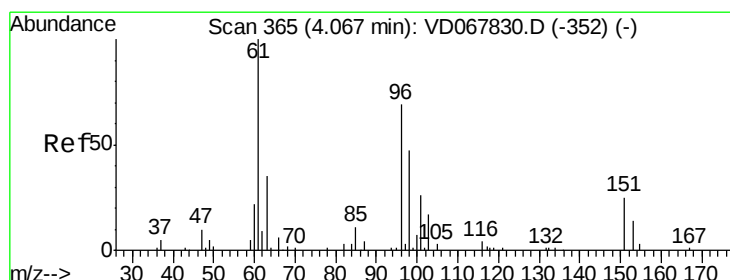
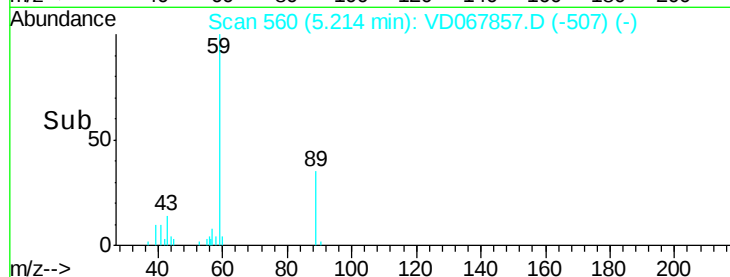
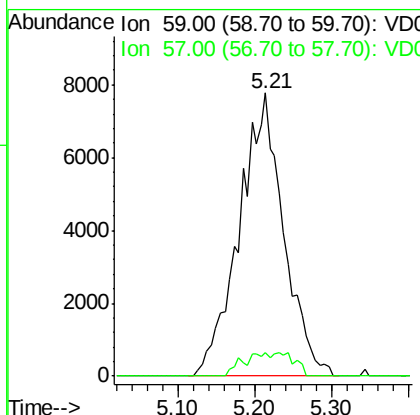
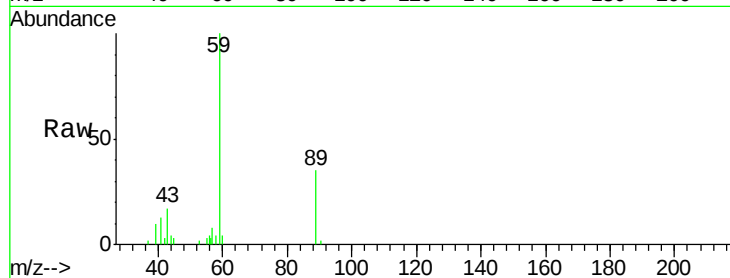
Tert butyl alcohol
Concen: 241.820 ug/l
RT: 5.21 min Scan# 560
Delta R.T. 0.01 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 31260
Ion Ratio Lower Upper
59 100
57 3.8 7.7 11.5#

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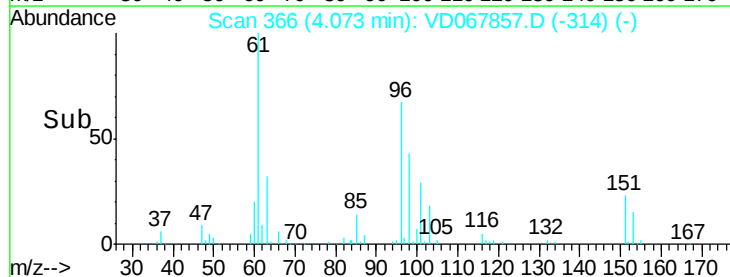
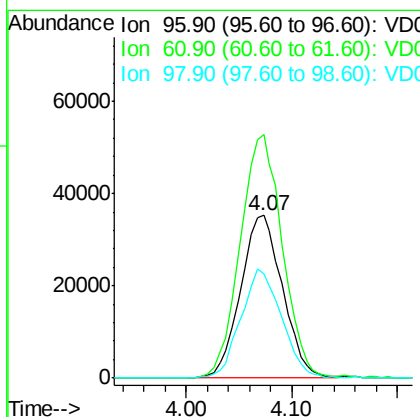
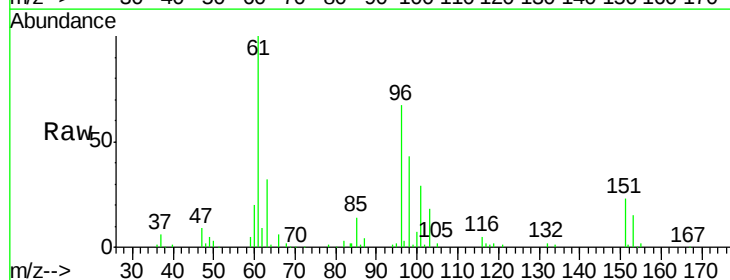
MMDadoda
12/4/2020 11:26:28 AM

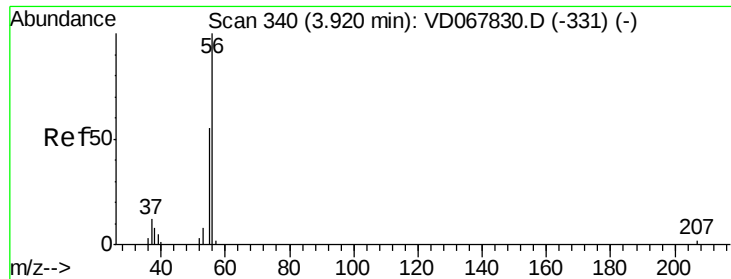


#12

1,1-Dichloroethene
Concen: 50.598 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion: 96 Resp: 97437
Ion Ratio Lower Upper
96 100
61 150.0 116.1 174.1
98 63.9 54.6 82.0





#13

Acrolein

Concen: 224.339 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 21508

Ion Ratio Lower Upper

56 100

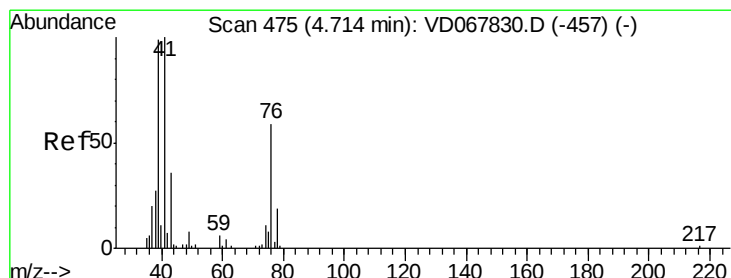
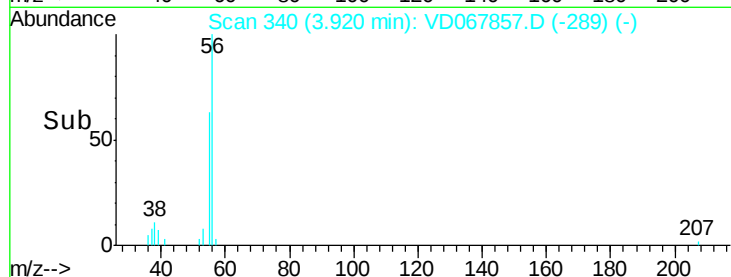
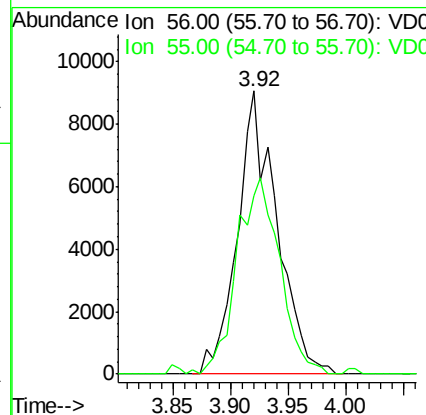
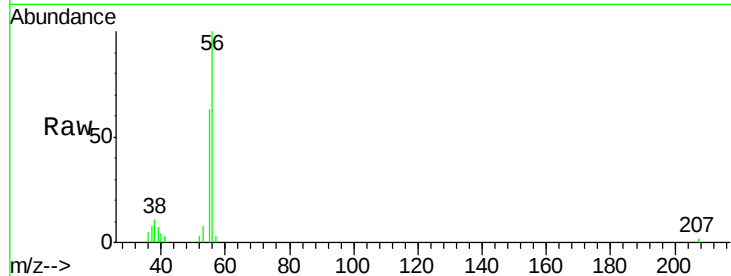
55 75.6 56.5 84.7

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#14

Allyl chloride

Concen: 51.174 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

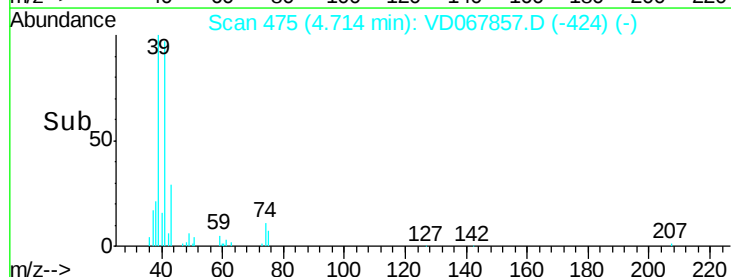
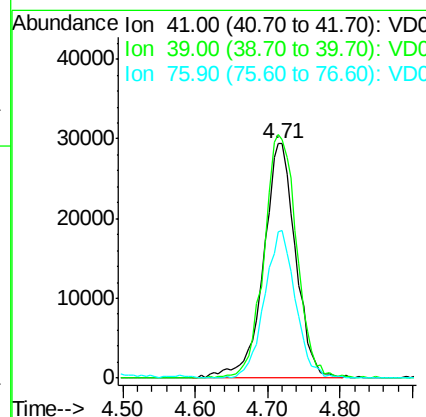
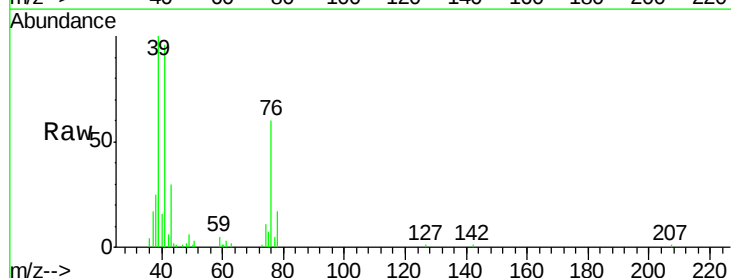
Tgt Ion: 41 Resp: 91165

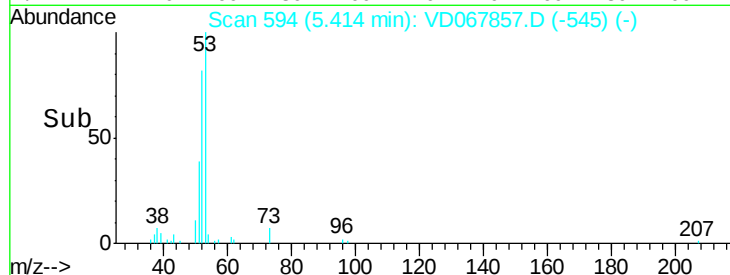
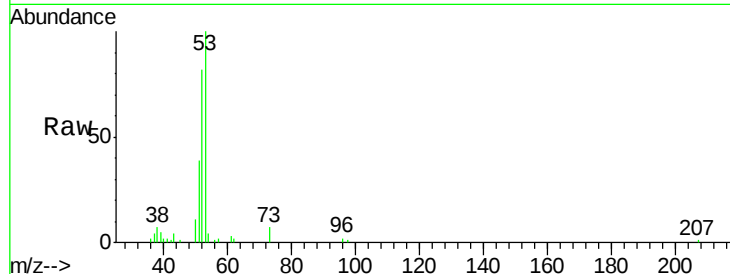
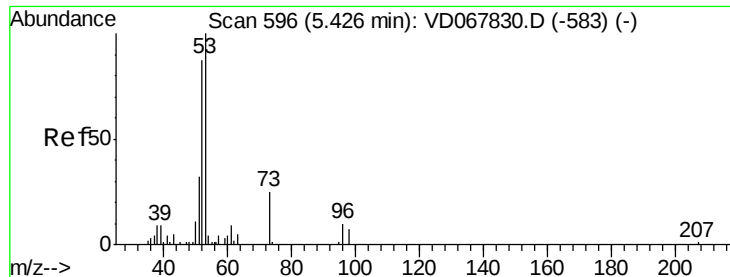
Ion Ratio Lower Upper

41 100

39 105.3 79.0 118.6

76 60.4 46.6 70.0





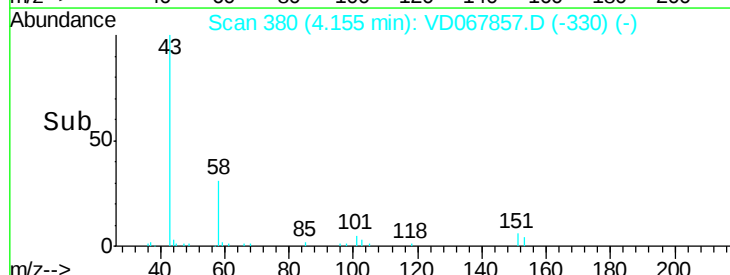
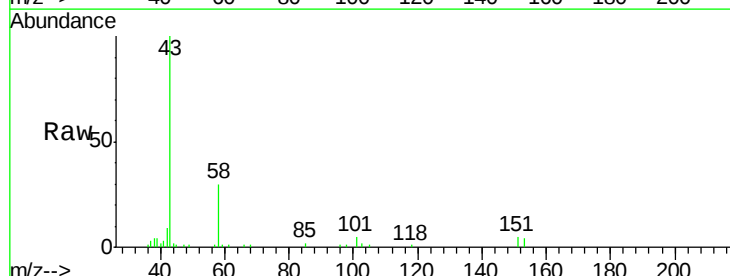
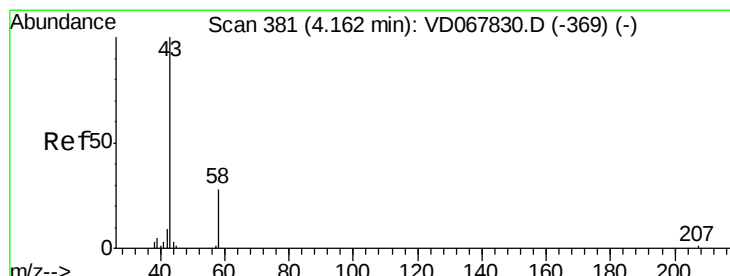
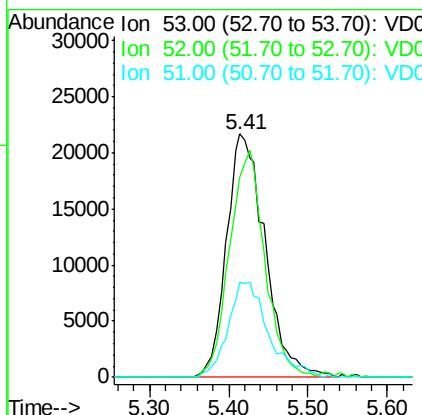
#15
Acrylonitrile
Concen: 240.429 ug/l
RT: 5.41 min Scan# 594
Delta R.T. -0.01 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tot Ion:	53	Resp:	73090
Ion Ratio	Lower	Upper	
53	100		
52	85.1	66.2	99.2
51	40.9	31.1	46.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

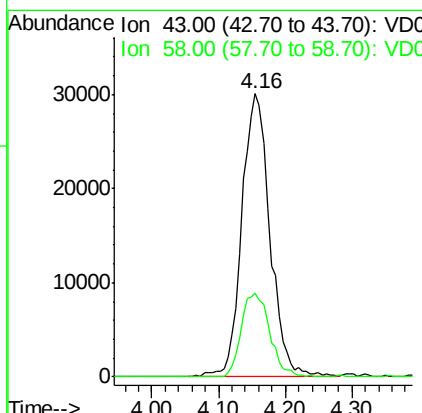
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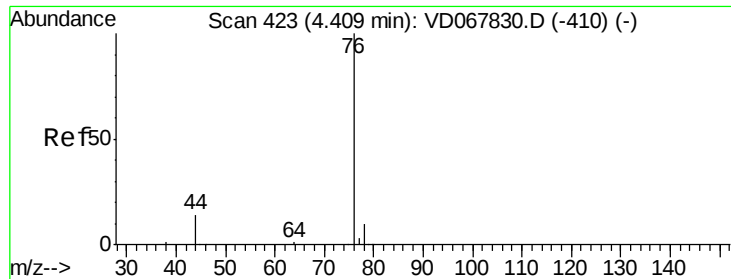
MMDadoda
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#16
Acetone
Concen: 282.256 ug/l
RT: 4.16 min Scan# 380
Delta R.T. -0.01 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion:	43	Resp:	87015
Ion Ratio	Lower	Upper	
43	100		
58	29.8	21.9	32.9





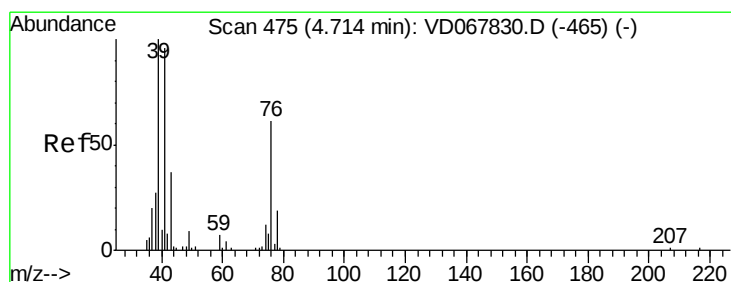
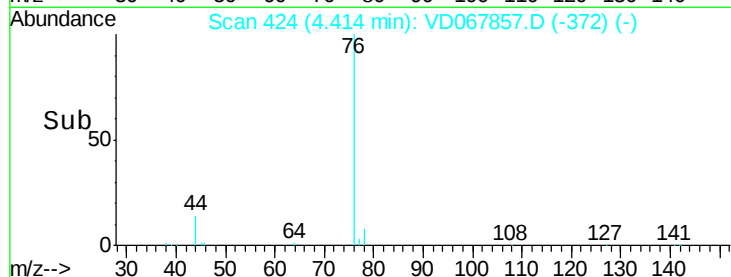
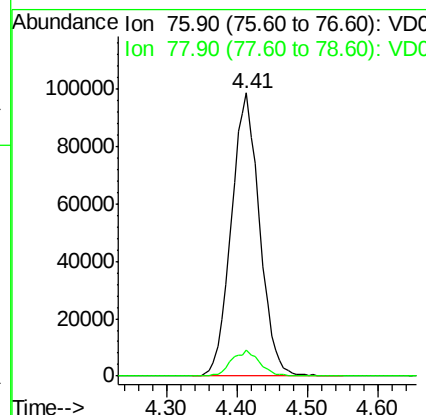
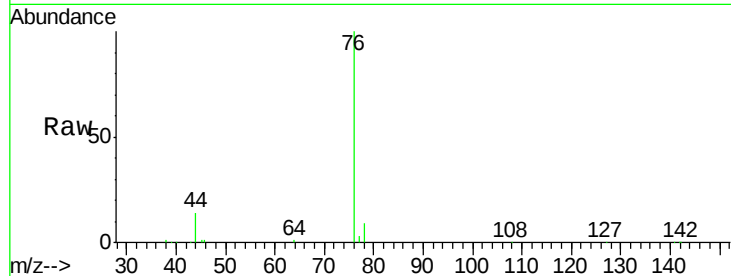
#17
Carbon Disulfide
Concen: 50.914 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.8	11.6

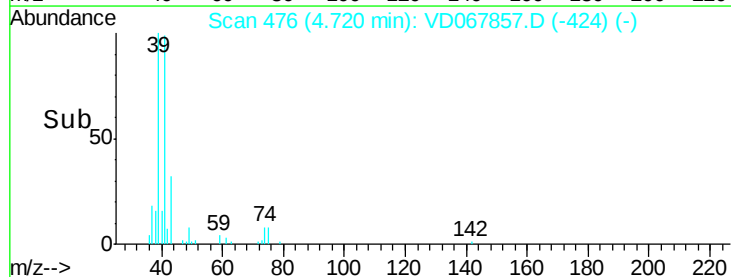
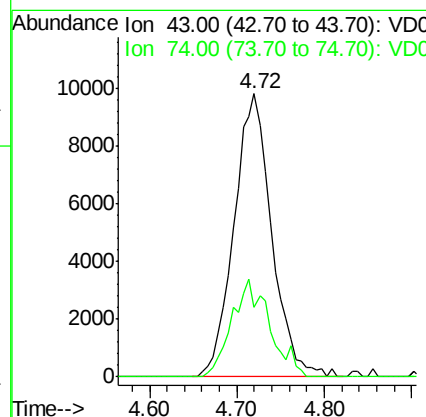
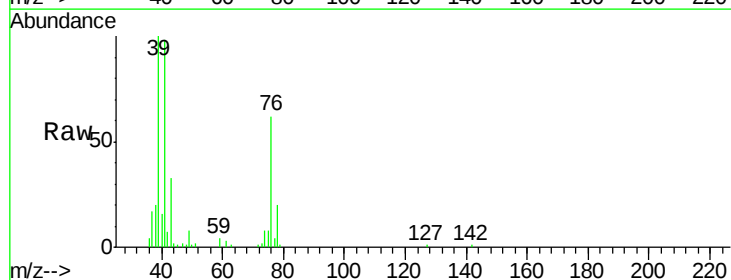
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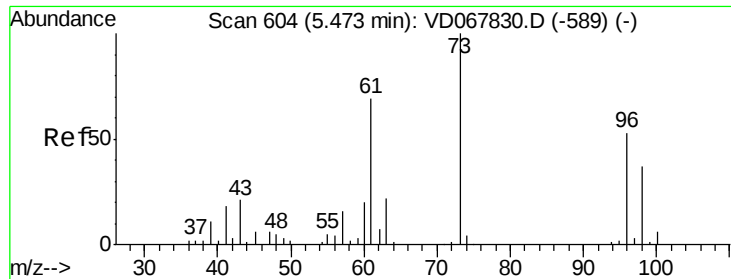
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#18
Methyl Acetate
Concen: 49.646 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	34.8	27.0	40.4





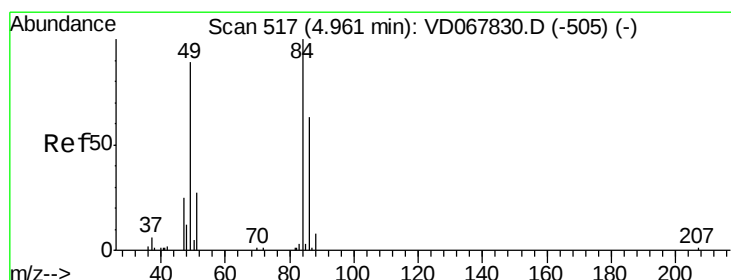
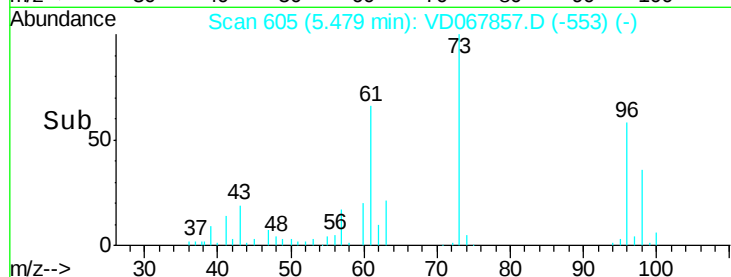
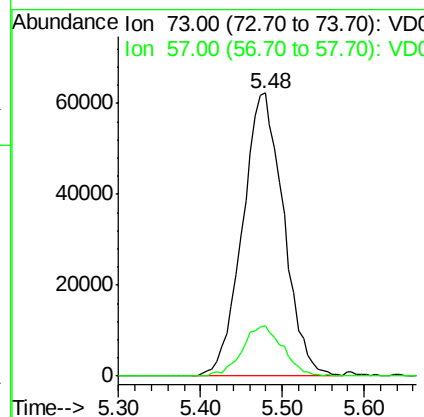
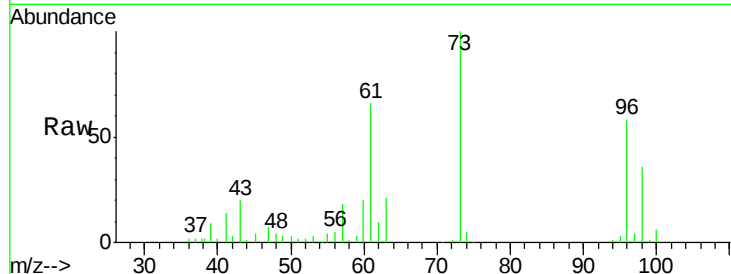
#19
Methvl tert-butvl Ether
Concen: 52.778 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 217633
Ion Ratio Lower Upper
73 100
57 17.6 13.2 19.8

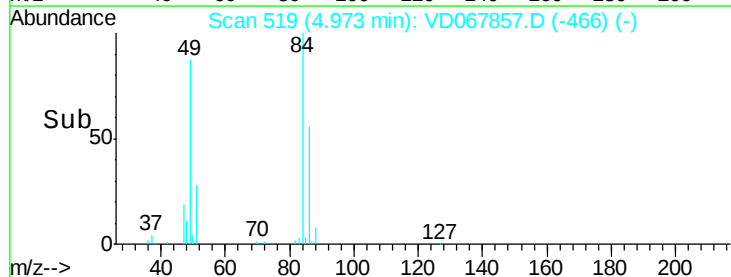
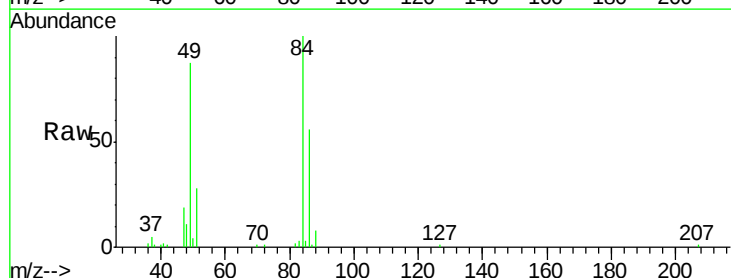
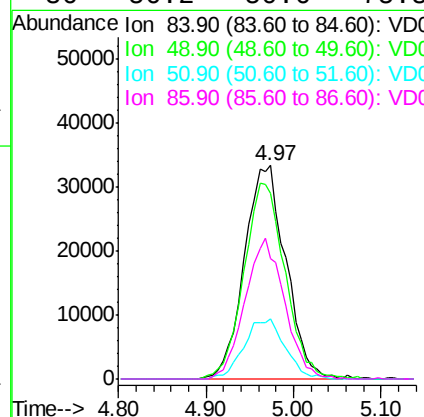
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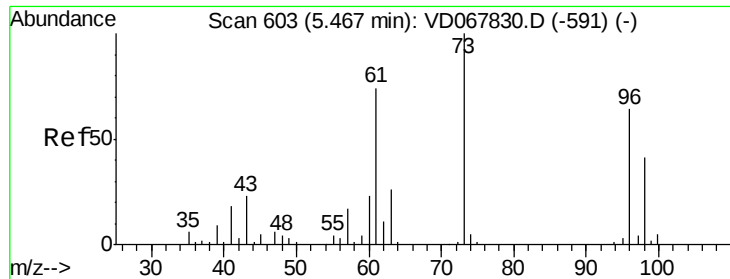
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#20
Methylene Chloride
Concen: 54.090 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion: 84 Resp: 107345
Ion Ratio Lower Upper
84 100
49 86.8 71.4 107.0
51 28.5 21.8 32.8
86 56.2 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 50.328 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

Instrument :

MSVOA_D

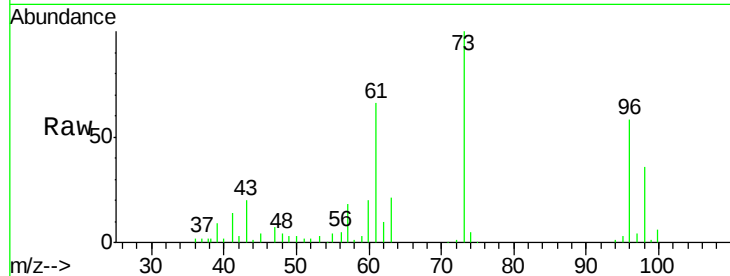
ClientSampleId :

VSTDCCC050

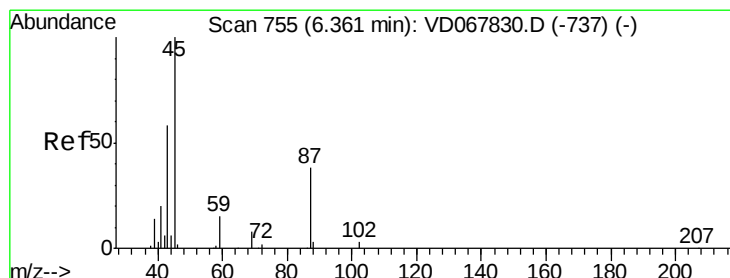
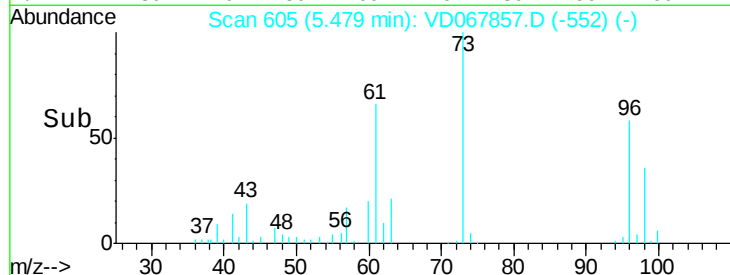
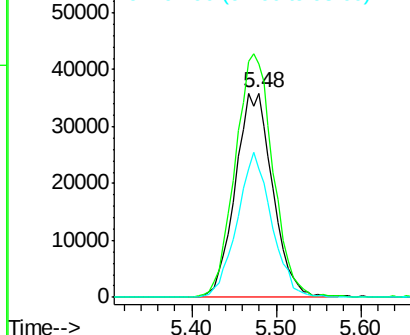
Tot Ion:	96	Resp:	110285
Ion	Ratio	Lower	Upper
96	100		
61	114.3	93.1	139.7
98	63.1	52.2	78.2

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Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 51.752 ug/l

RT: 6.37 min Scan# 756

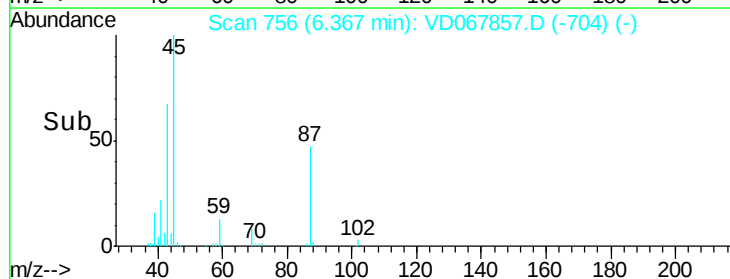
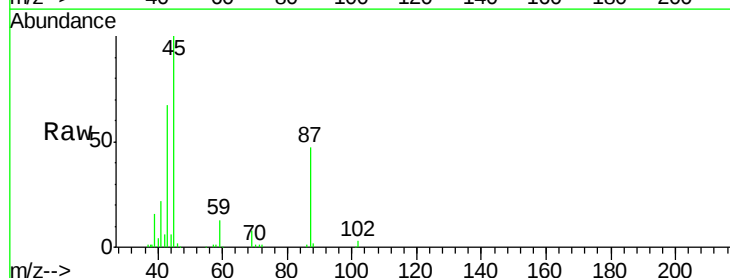
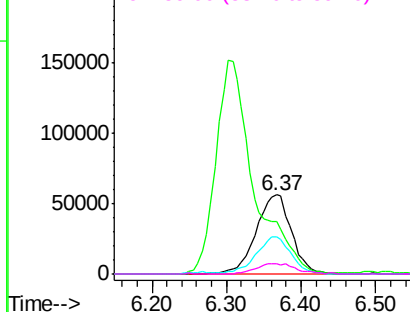
Delta R.T. 0.01 min

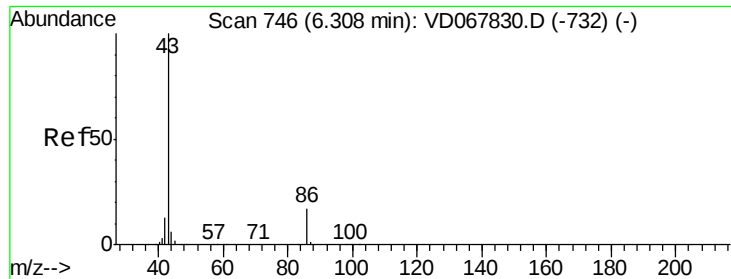
Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

Tgt Ion:	45	Resp:	185429
Ion	Ratio	Lower	Upper
45	100		
43	65.4	49.8	74.6
87	46.7	32.1	48.1
59	12.1	11.9	17.9

Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





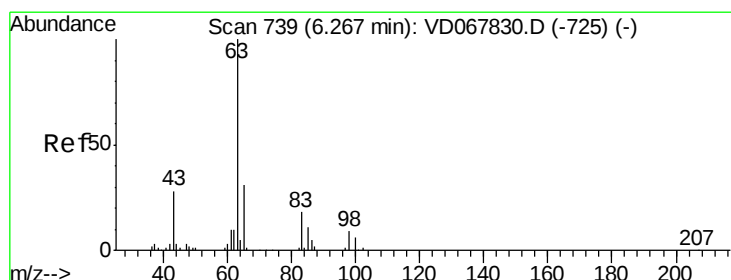
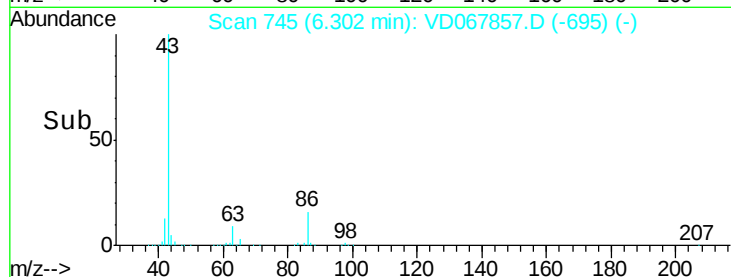
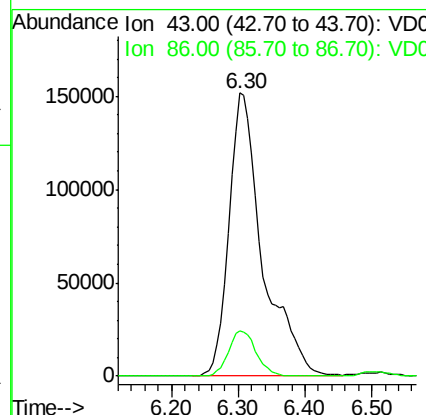
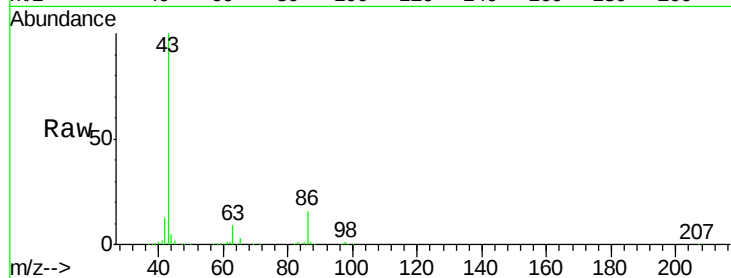
#23
 Vinyl Acetate
 Concen: 269.670 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VD067857.D
 Acq: 03 Dec 2020 09:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 537533
 Ion Ratio Lower Upper
 43 100
 86 16.0 13.8 20.6

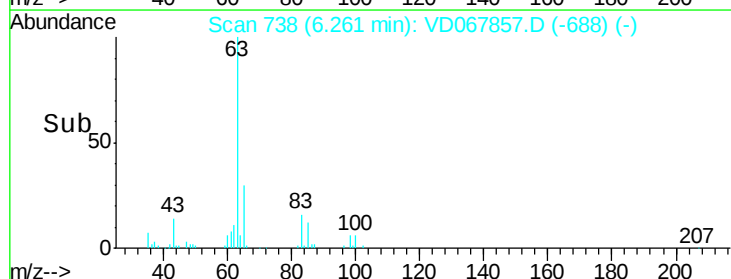
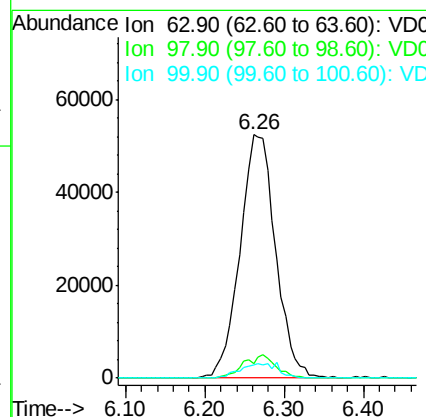
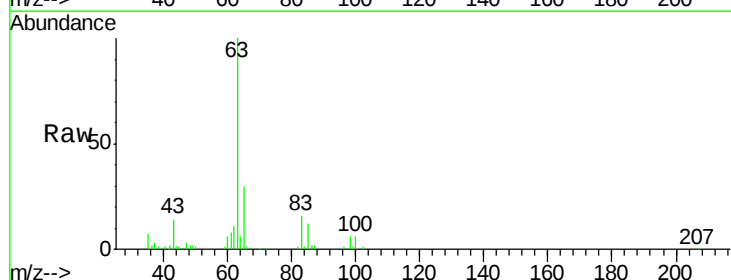
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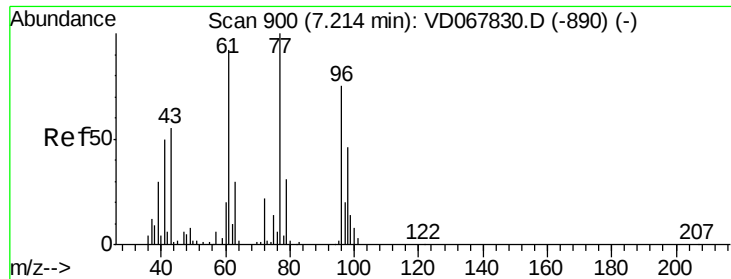
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 51.936 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VD067857.D
 Acq: 03 Dec 2020 09:51

Tgt Ion: 63 Resp: 163126
 Ion Ratio Lower Upper
 63 100
 98 5.7 4.5 13.5
 100 5.6 3.0 9.2





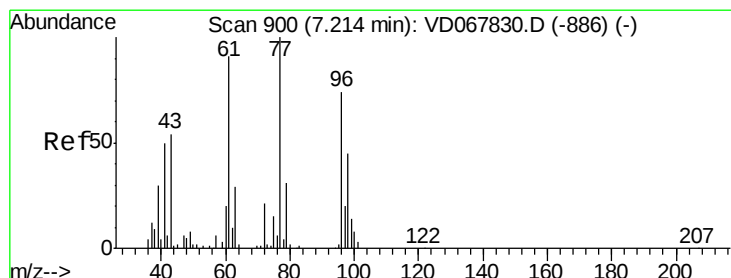
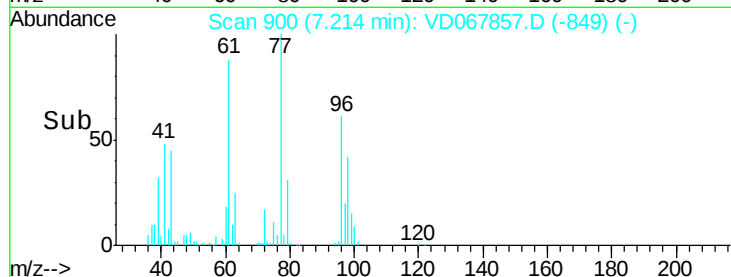
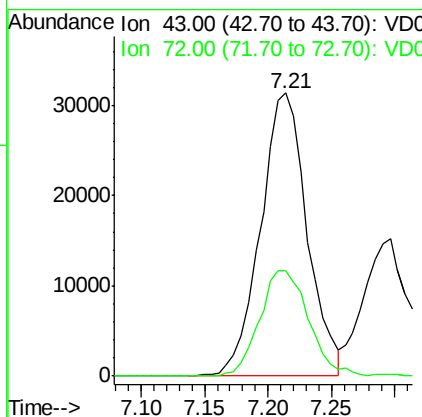
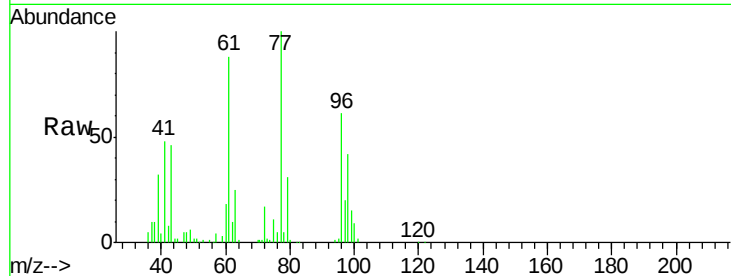
#25
2-Butanone
Concen: 247.090 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 80120
Ion Ratio Lower Upper
43 100
72 37.4 31.3 46.9

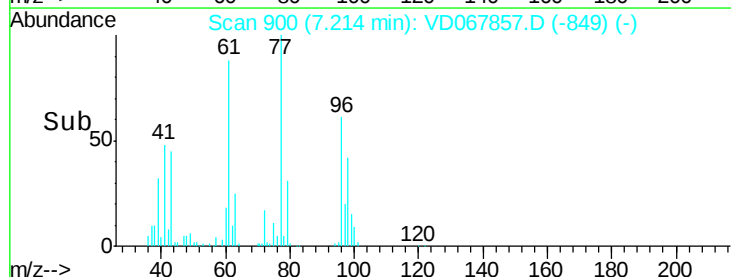
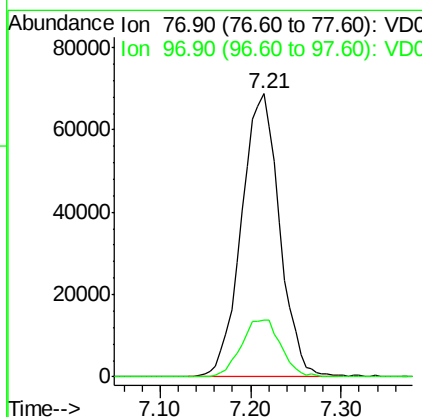
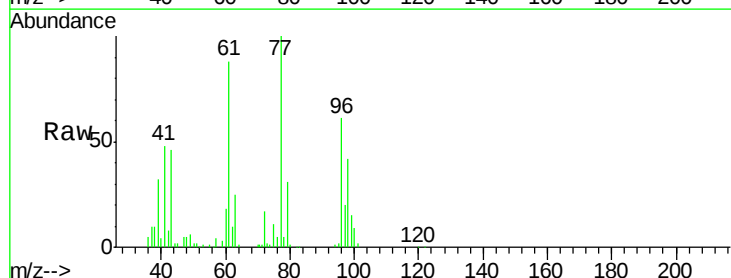
Manual Integrations
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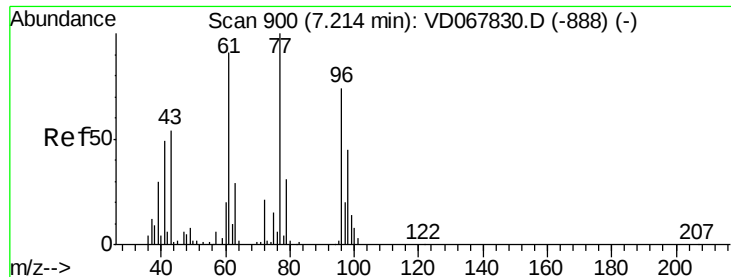
MMDadoda
12/4/2020 11:26:28 AM



#26
2,2-Dichloropropane
Concen: 53.687 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion: 77 Resp: 201080
Ion Ratio Lower Upper
77 100
97 21.1 11.1 33.1





#27

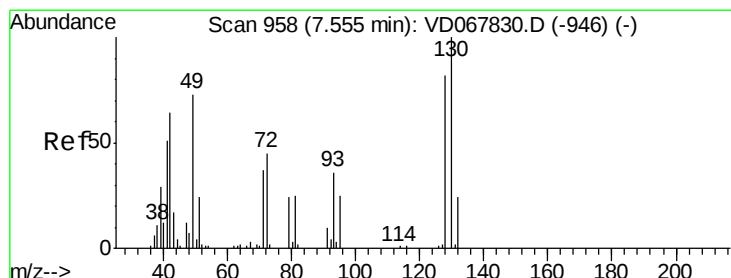
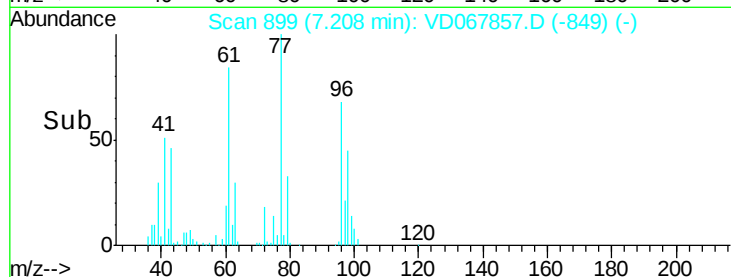
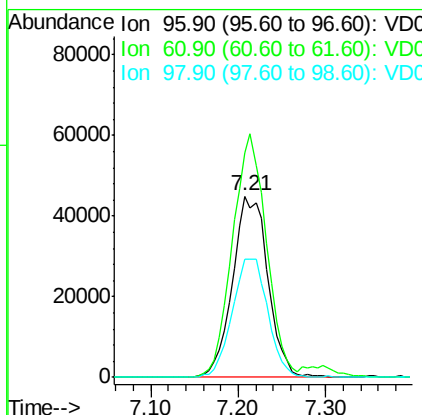
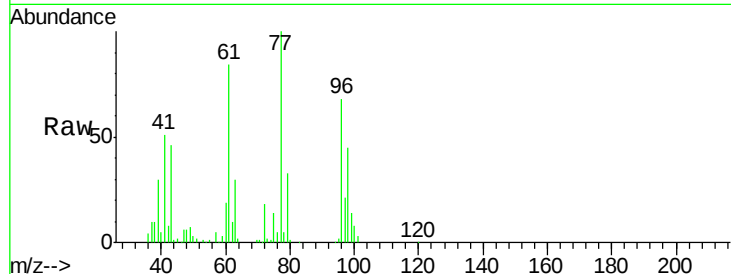
cis-1,2-Dichloroethene
 Concen: 51.417 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067857.D
 Acq: 03 Dec 2020 09:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.7	0.0	248.4
98	65.8	0.0	127.4

Manual Integrations
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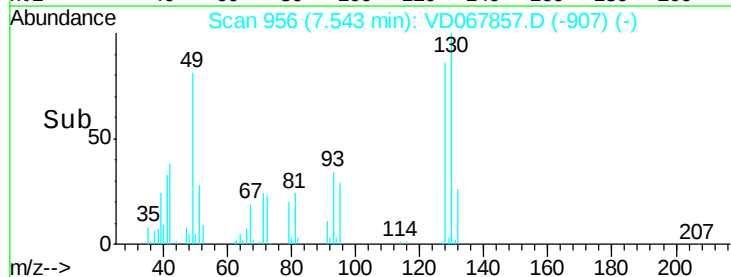
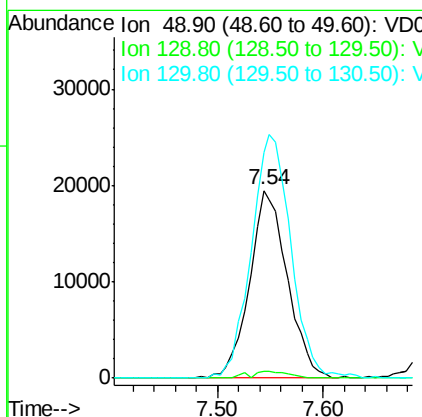
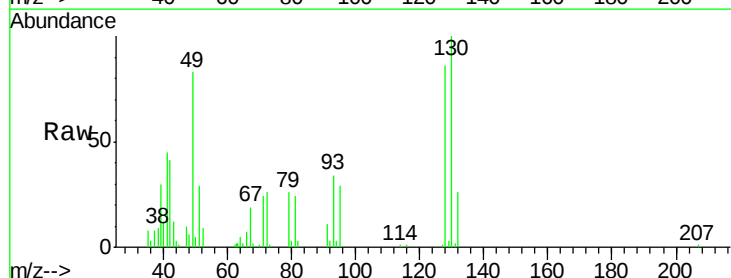
MMDadoda
 12/4/2020 11:26:28 AM

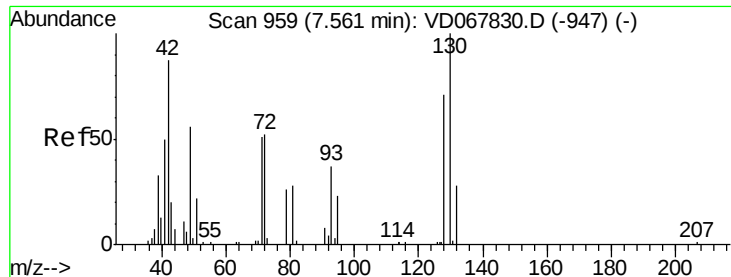


#28

Bromochloromethane
 Concen: 48.499 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD067857.D
 Acq: 03 Dec 2020 09:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	3.4
130	136.3	110.2	165.2





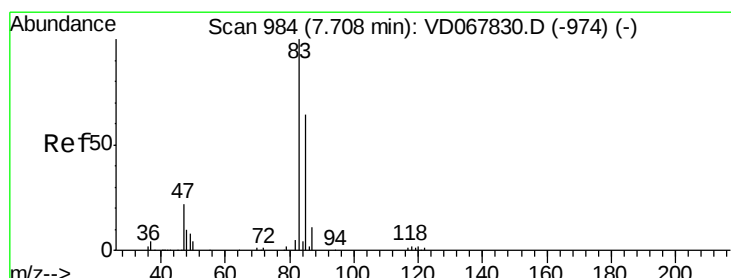
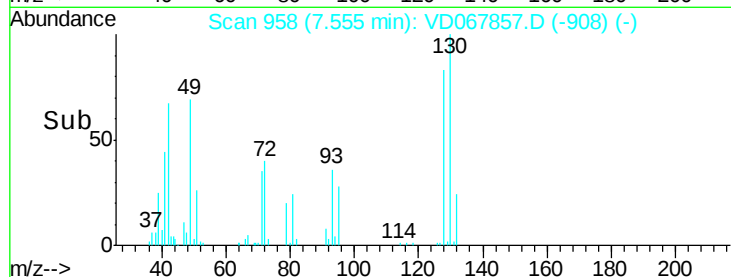
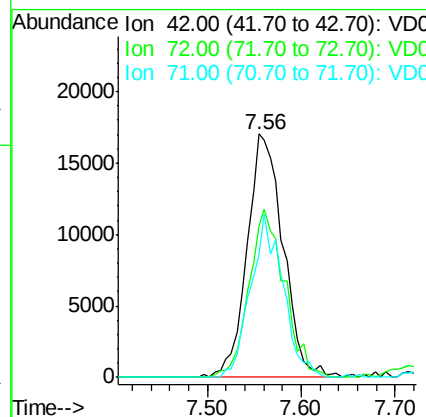
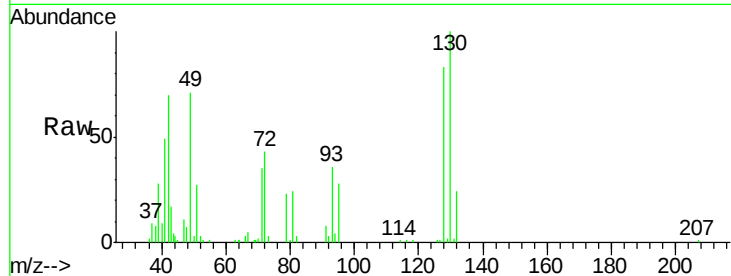
#29
Tetrahydrofuran
Concen: 244.473 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	68.0	51.9	77.9
71	60.3	48.2	72.4

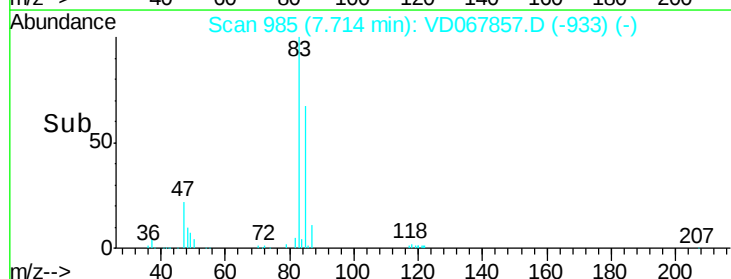
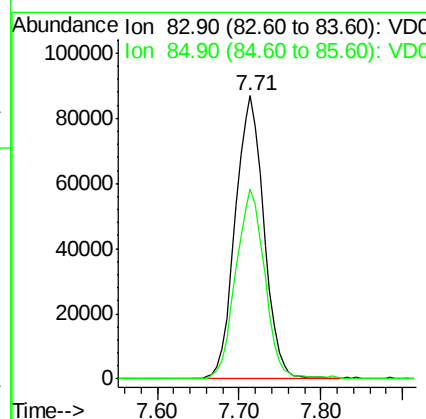
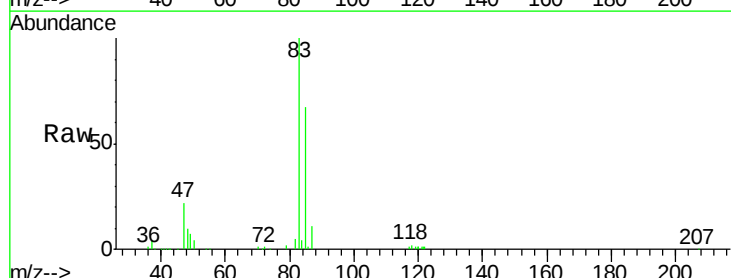
Manual Integrations
APPROVED

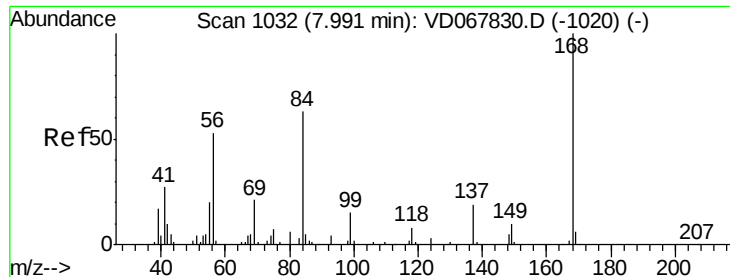
MMDadoda
12/4/2020 11:26:28 AM



#30
Chloroform
Concen: 50.604 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.0	76.4





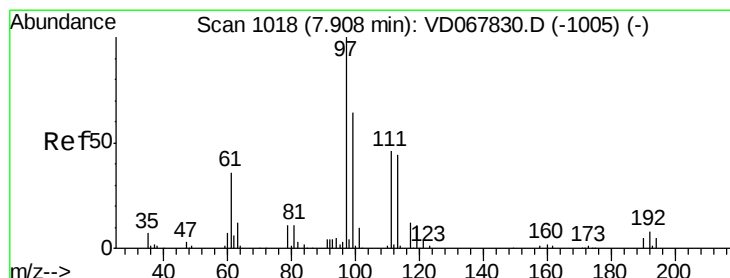
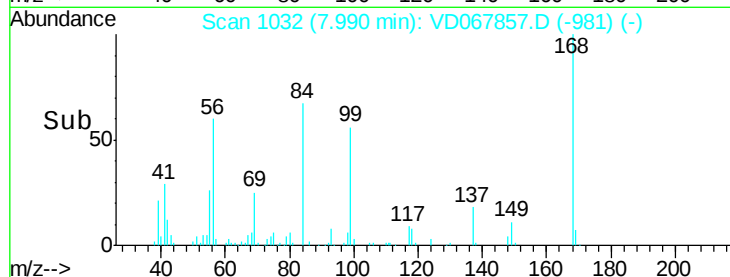
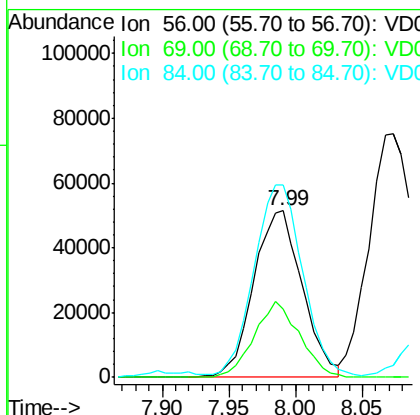
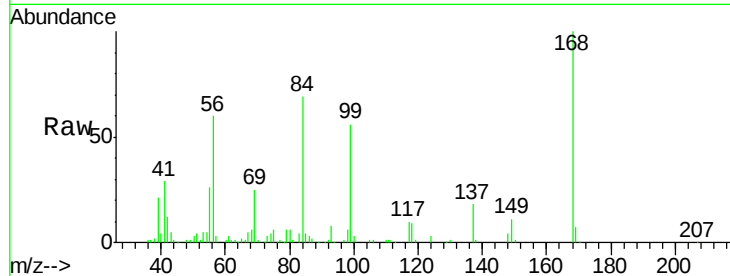
#31
Cyclohexane
Concen: 49.555 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.7	32.1	48.1
84	112.9	93.2	139.8

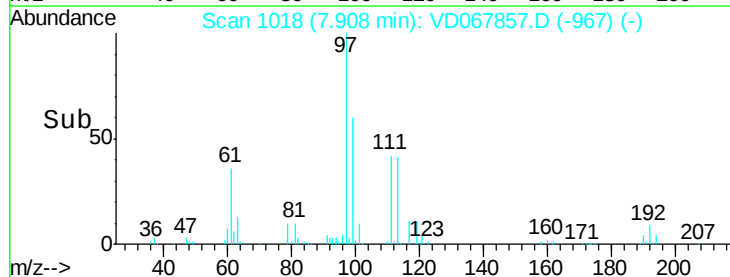
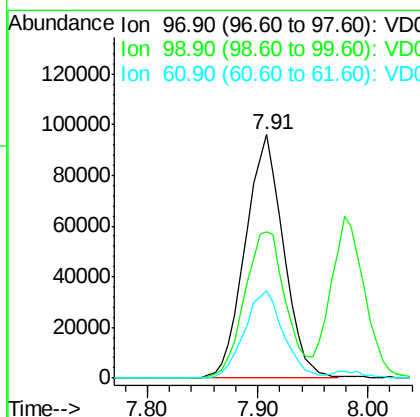
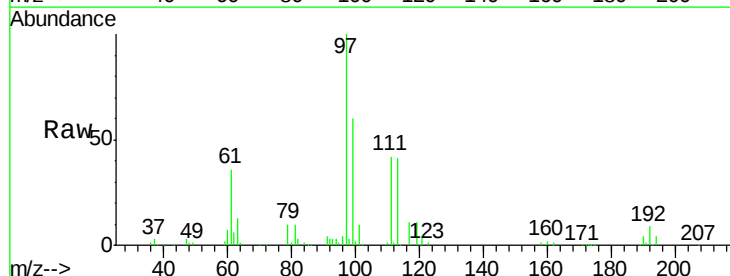
Manual Integrations
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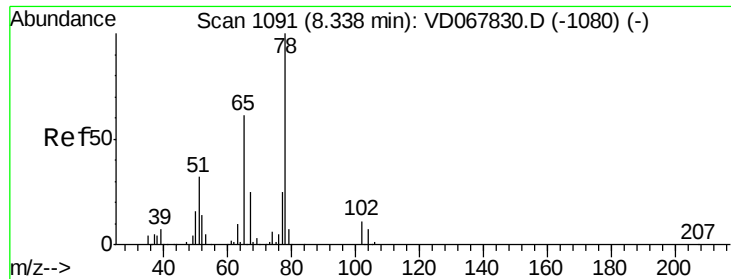
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 52.709 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.4	77.2
61	36.9	30.8	46.2





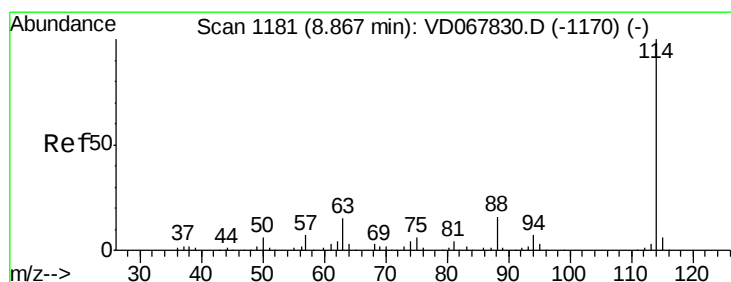
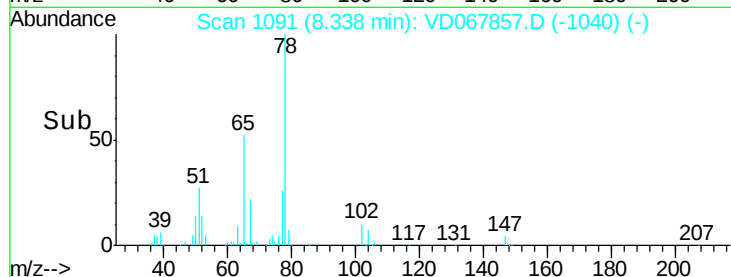
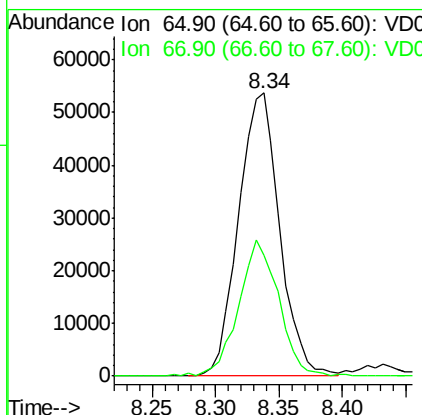
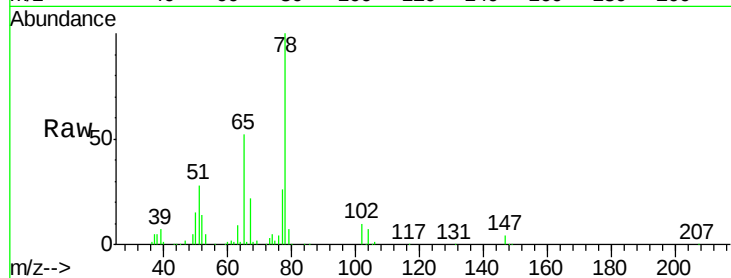
#33
 1,2-Dichloroethane-d4
 Concen: 48.577 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067857.D
 Acq: 03 Dec 2020 09:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	121190		
67	46.9	0.0	0.0	92.0

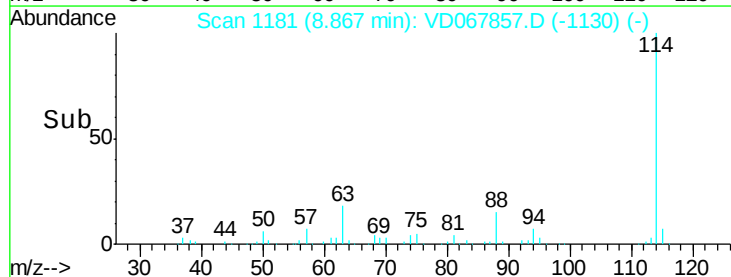
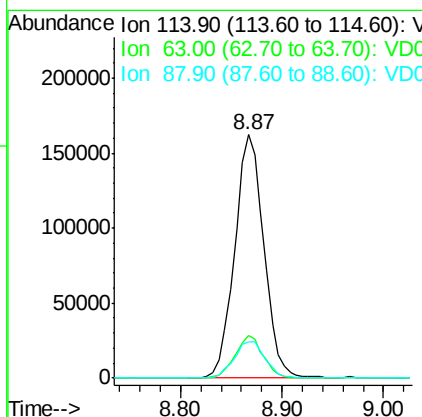
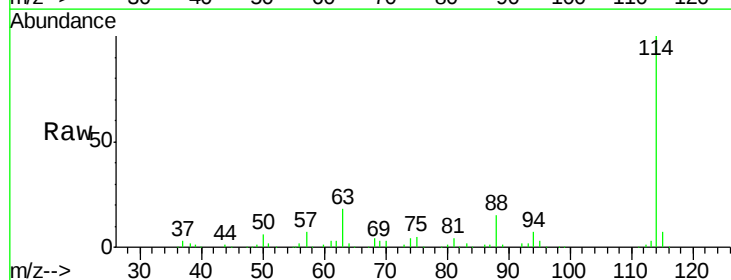
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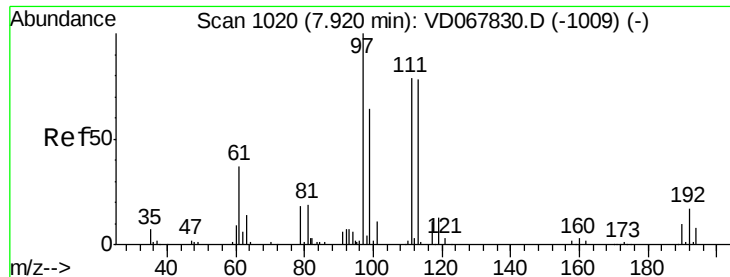
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD067857.D
 Acq: 03 Dec 2020 09:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	324025		
63	17.6	0.0	0.0	30.8
88	15.0	0.0	0.0	31.8





#35

Dibromofluoromethane

Concen: 51.839 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

Instrument :

MSVOA_D

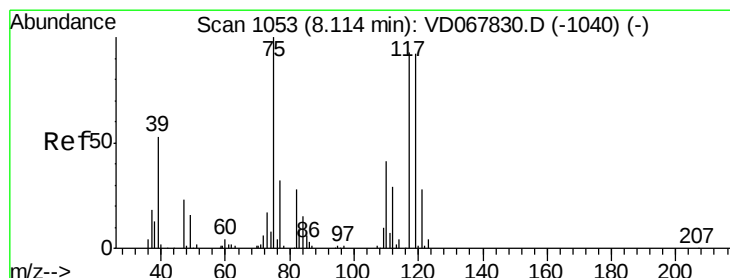
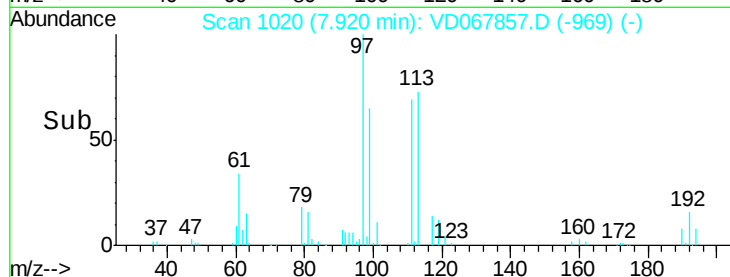
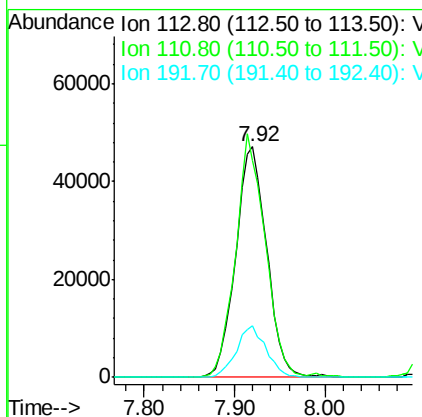
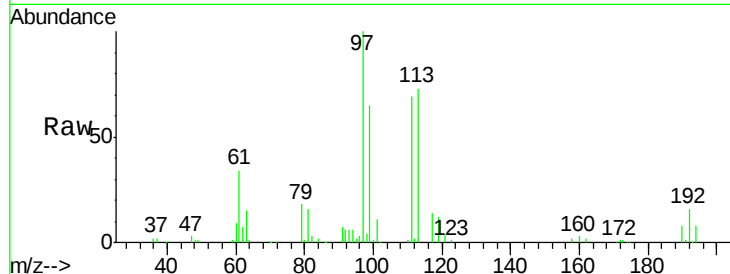
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	112398
Ion Ratio	Lower	Upper	
113	100		
111	100.1	81.2	121.8
192	21.3	16.8	25.2

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#36

1,1-Dichloropropene

Concen: 54.800 ug/l

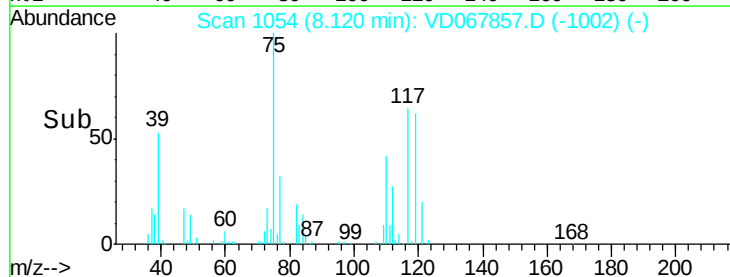
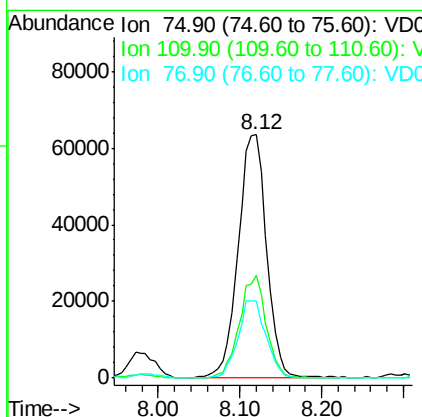
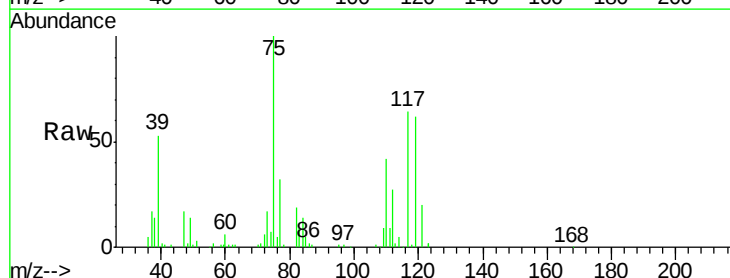
RT: 8.12 min Scan# 1054

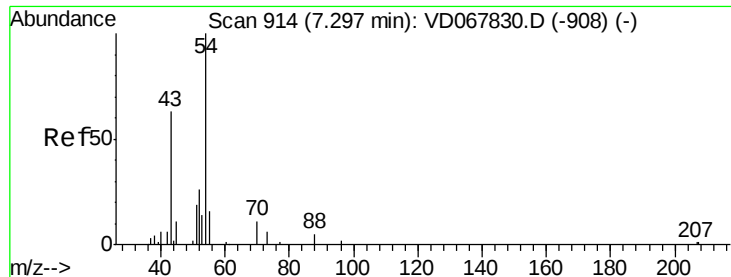
Delta R.T. 0.01 min

Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

Tgt Ion:	75	Resp:	153718
Ion Ratio	Lower	Upper	
75	100		
110	39.8	20.3	61.0
77	31.4	24.7	37.1





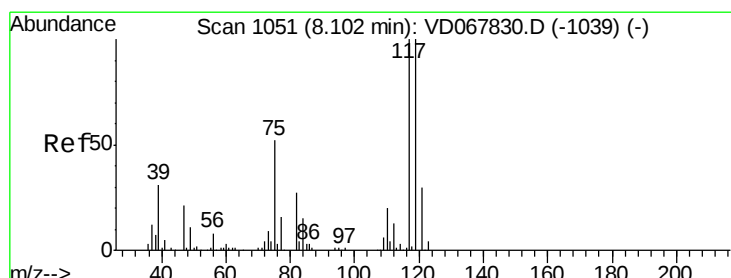
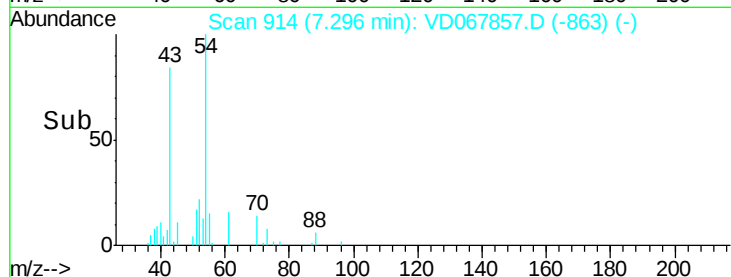
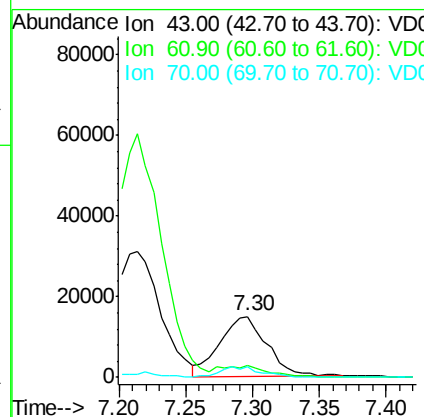
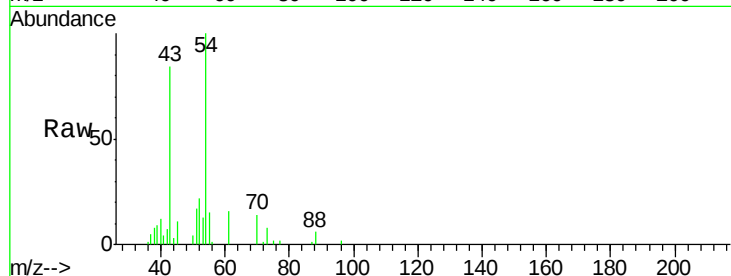
#37
Ethyl Acetate
Concen: 48.644 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	11.4	17.2#
70	15.1	11.5	17.3

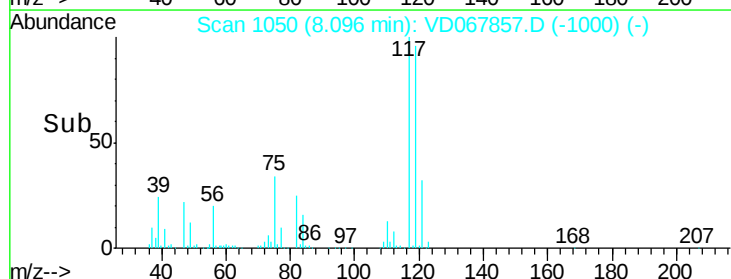
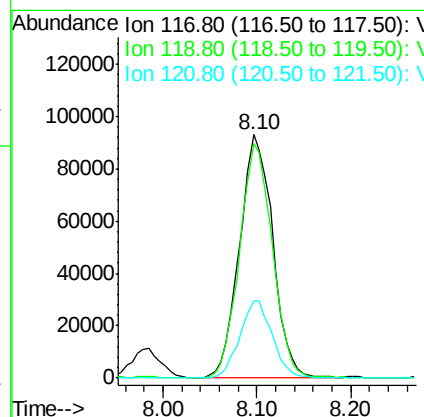
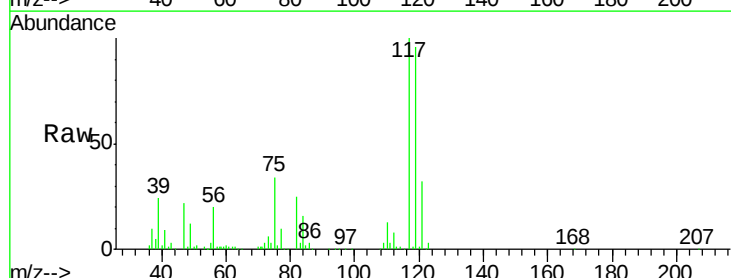
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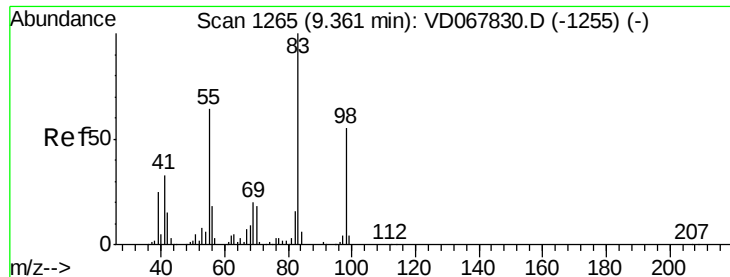
MMDadoda
12/4/2020 11:26:28 AM



#38
Carbon Tetrachloride
Concen: 53.713 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	79.7	119.5
121	31.8	23.8	35.6





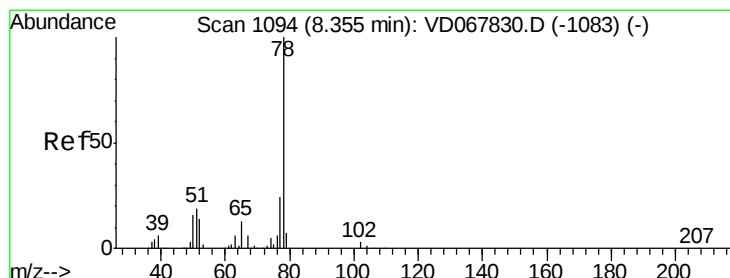
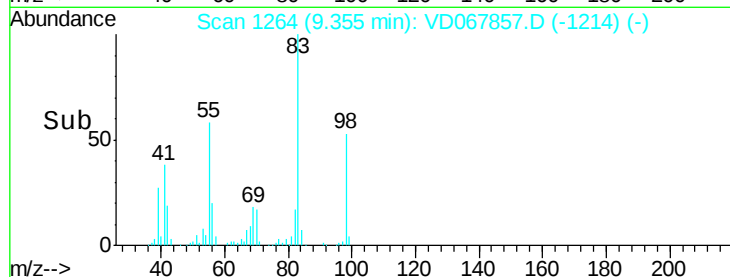
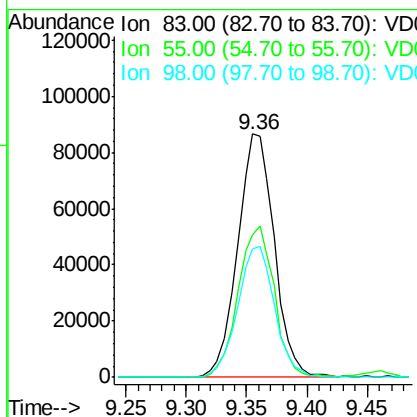
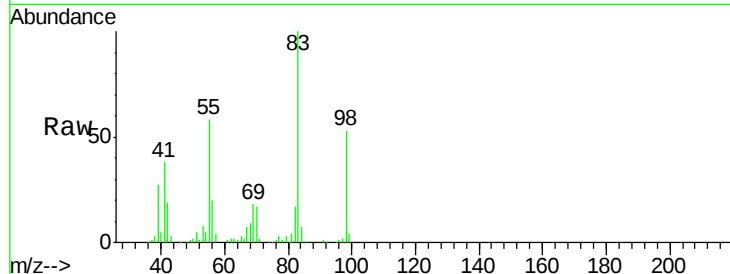
#39
Methvlcvclohexane
Concen: 55.185 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	58.5	51.6	77.4
98	52.7	44.3	66.5

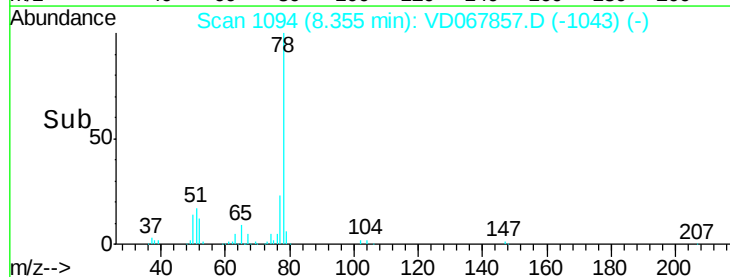
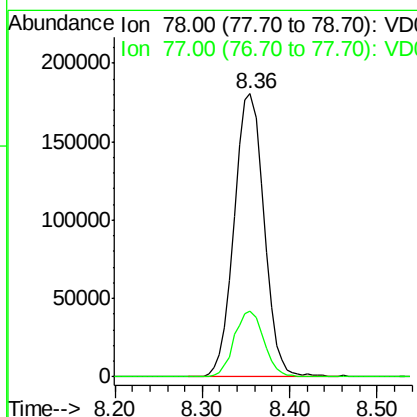
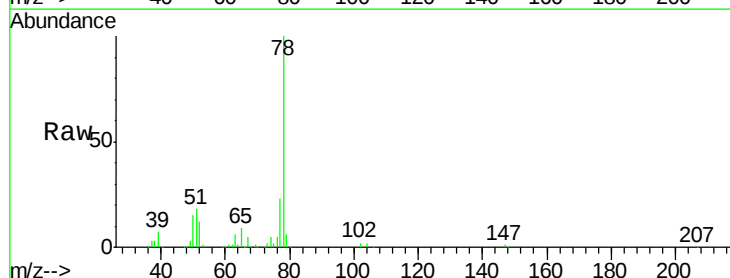
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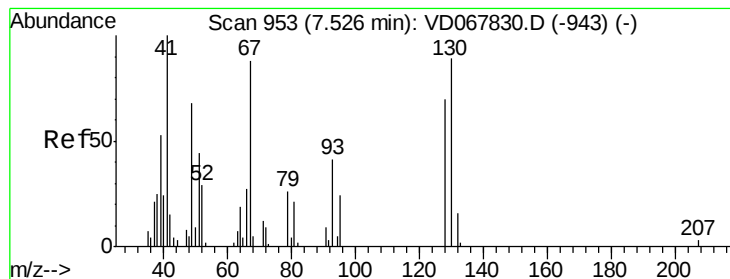
MMDadoda
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#40
Benzene
Concen: 54.413 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.1	28.7





#41

Methacrylonitrile

Concen: 50.157 ug/l m

RT: 7.53 min Scan# 953

Delta R.T. -0.00 min

Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 18002

Ion Ratio Lower Upper

41 100

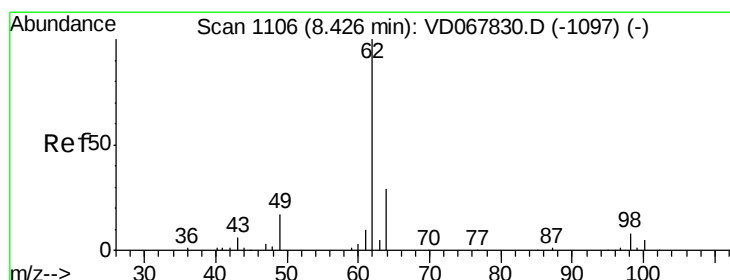
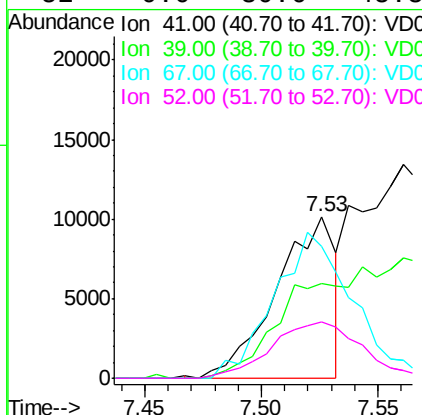
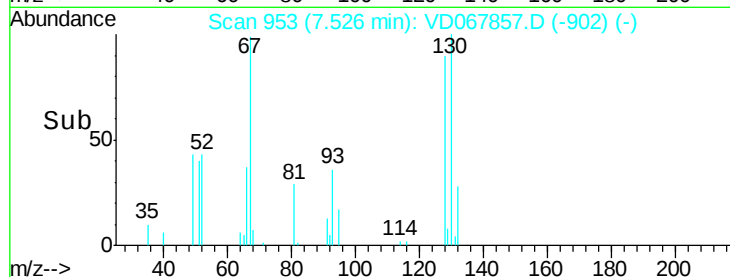
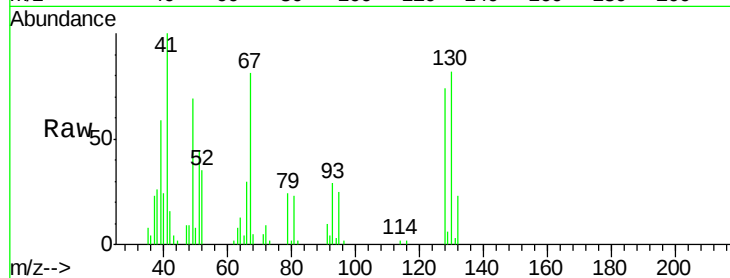
39 181.7 42.1 63.1#

67 0.0 82.4 123.6#

52 0.0 30.6 45.8#

Manual Integrations
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12/4/2020 11:26:28 AM



#42

1,2-Dichloroethane

Concen: 52.877 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD067857.D

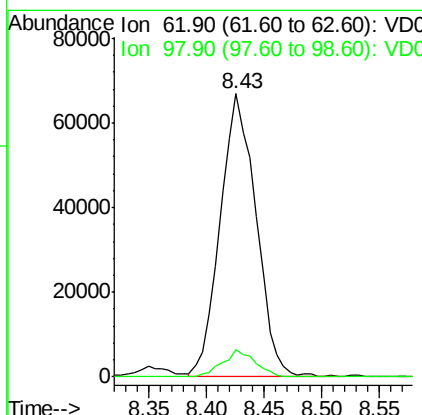
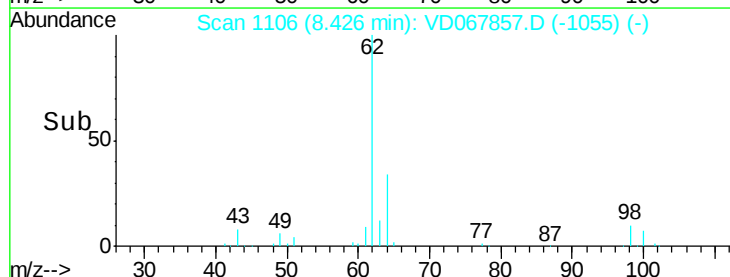
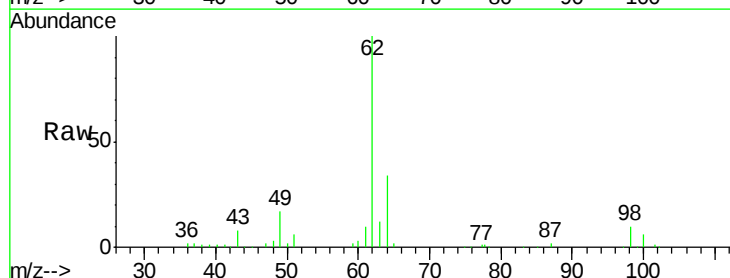
Acq: 03 Dec 2020 09:51

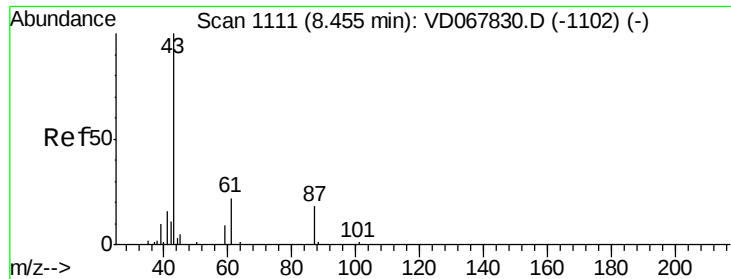
Tgt Ion: 62 Resp: 144648

Ion Ratio Lower Upper

62 100

98 8.6 0.0 17.2





#43

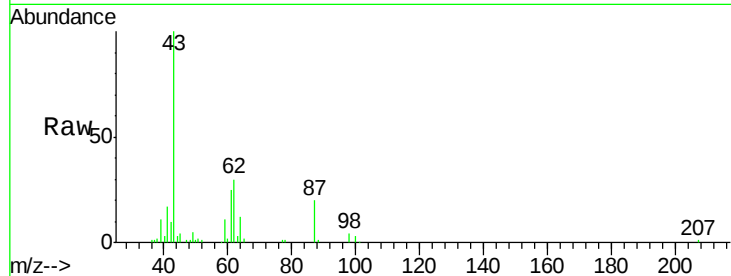
Isopropyl Acetate
 Concen: 50.884 ug/l
 RT: 8.46 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VD067857.D
 Acq: 03 Dec 2020 09:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

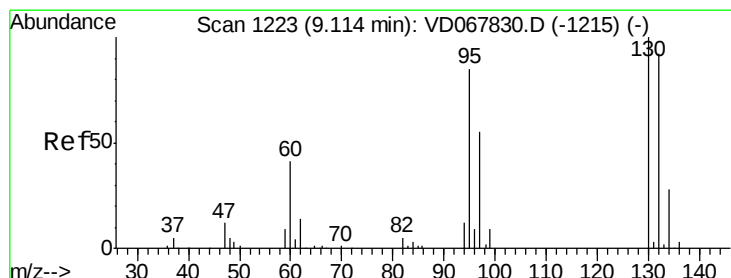
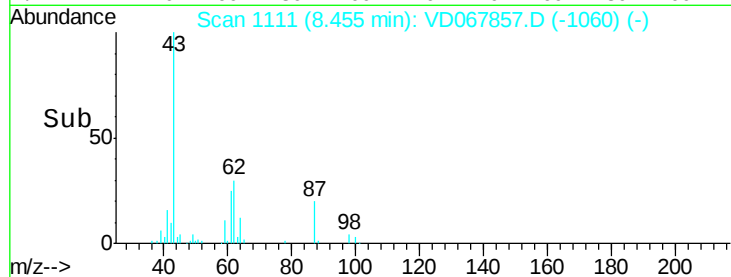
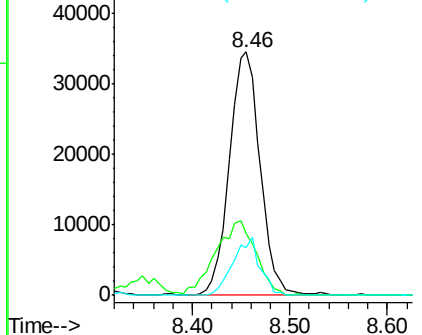
Tot Ion	Ratio	Lower	Upper
43	100		
61	39.9	30.4	45.6
87	20.7	16.2	24.2

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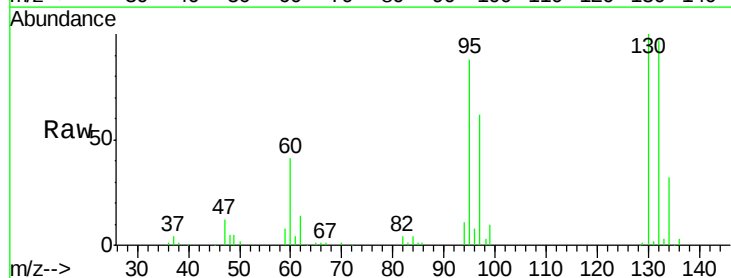
Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 61.00 (60.70 to 61.70): VDC
 Ion 87.00 (86.70 to 87.70): VDC



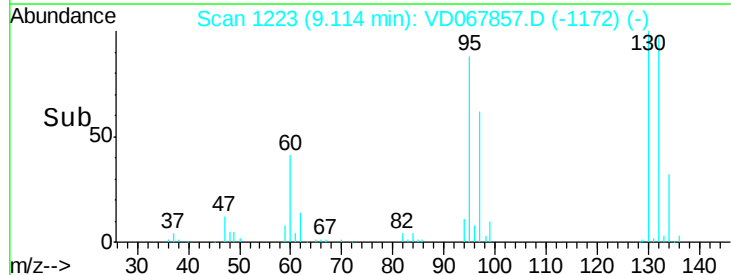
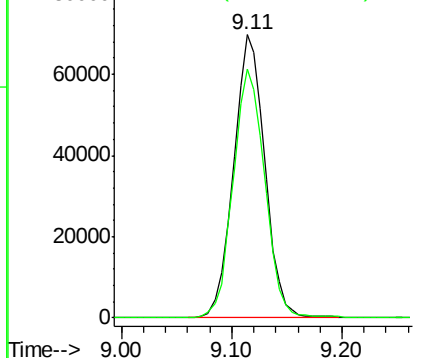
#44

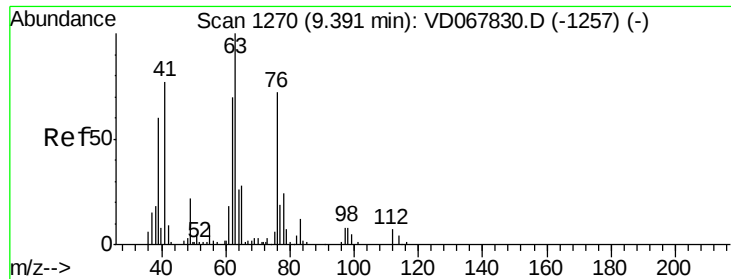
Trichloroethene
 Concen: 52.445 ug/l
 RT: 9.11 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: VD067857.D
 Acq: 03 Dec 2020 09:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.9	0.0	170.2



Abundance Ion 129.80 (129.50 to 130.50): VDC
 Ion 94.90 (94.60 to 95.60): VDC





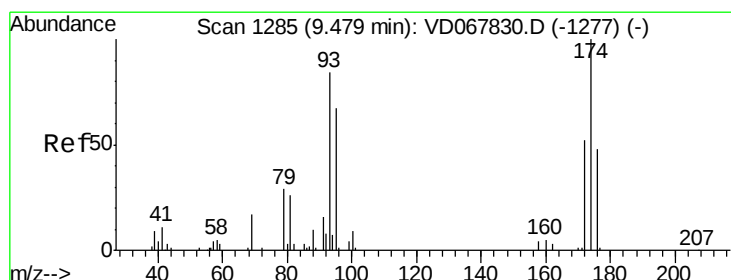
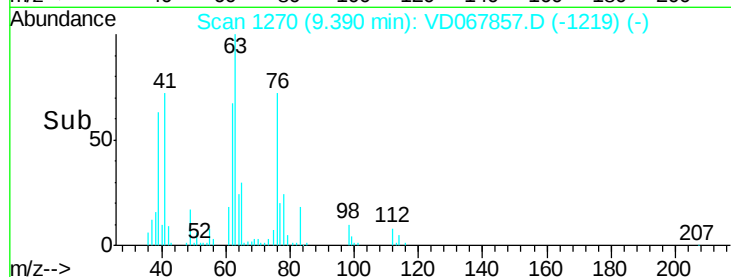
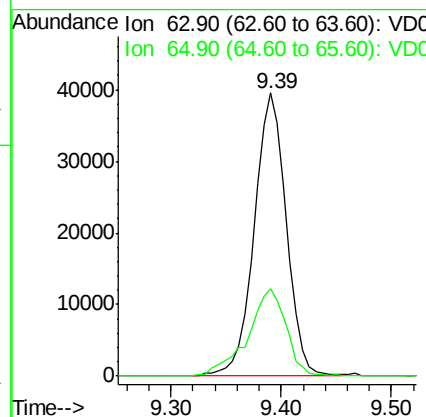
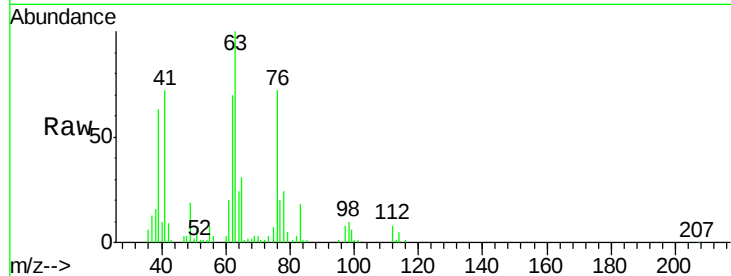
#45
1,2-Dichloropropane
Concen: 51.170 ug/l
RT: 9.39 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 63 Resp: 80610
Ion Ratio Lower Upper
63 100
65 31.1 22.8 34.2

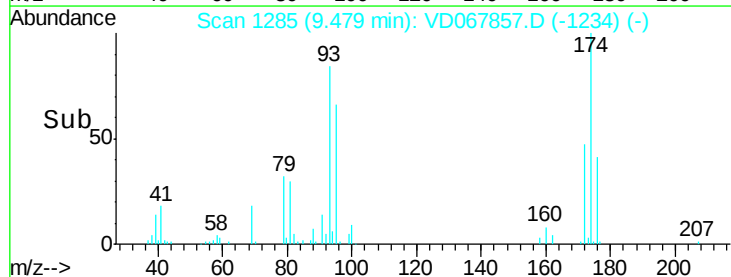
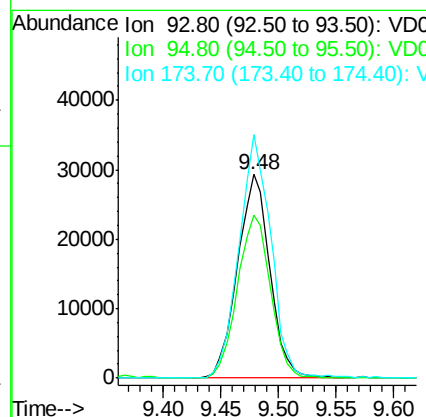
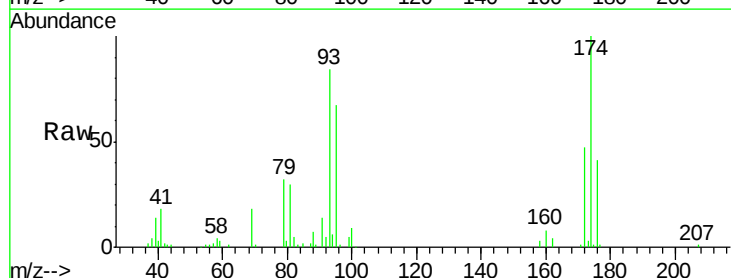
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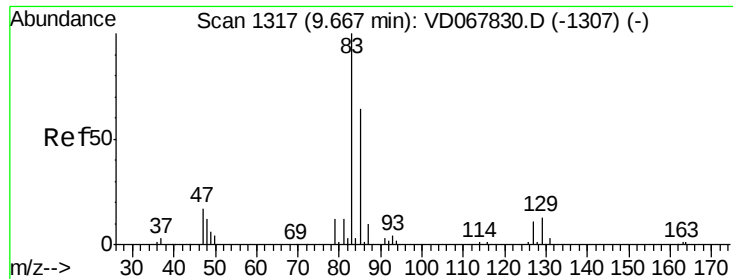
MMDadoda
12/4/2020 11:26:28 AM



#46
Dibromomethane
Concen: 52.131 ug/l
RT: 9.48 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion: 93 Resp: 57099
Ion Ratio Lower Upper
93 100
95 81.6 64.2 96.4
174 117.1 91.5 137.3





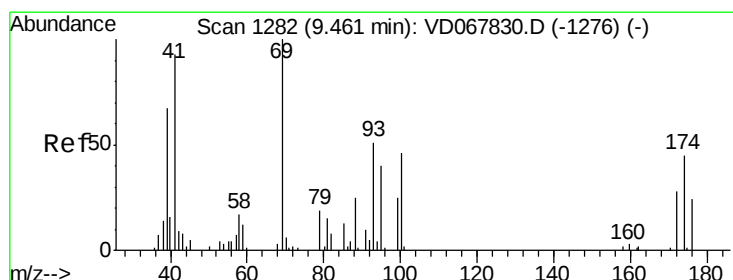
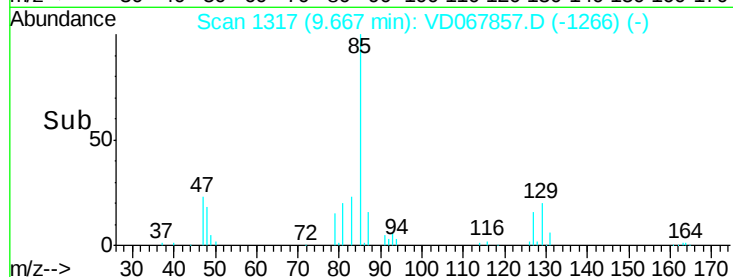
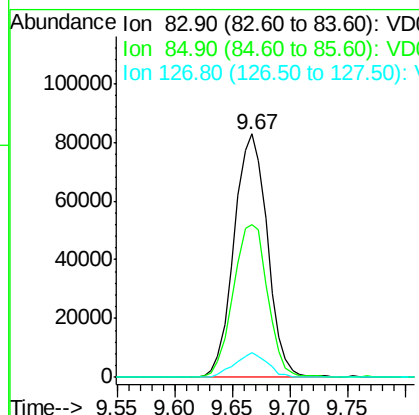
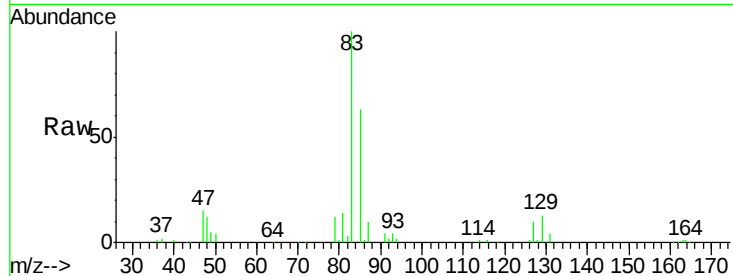
#47
Bromodichloromethane
Concen: 53.158 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	165988
Ion Ratio	100		
85	62.7	51.4	77.0
127	10.2	8.5	12.7

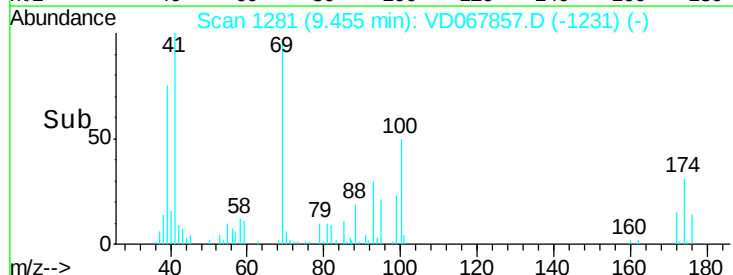
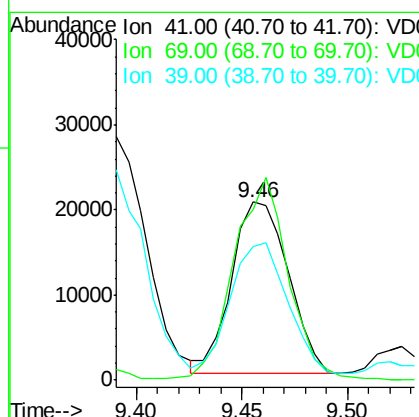
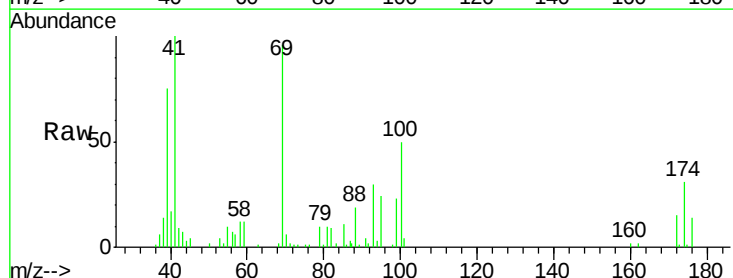
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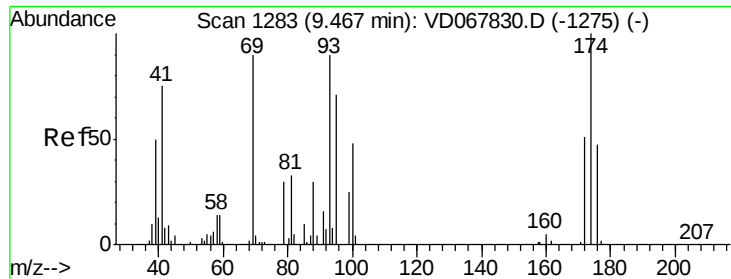
MMDadoda
12/4/2020 11:26:28 AM



#48
Methyl methacrylate
Concen: 49.922 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion	41	Resp	37708
Ion Ratio	100		
69	113.8	87.6	131.4
39	76.7	61.2	91.8





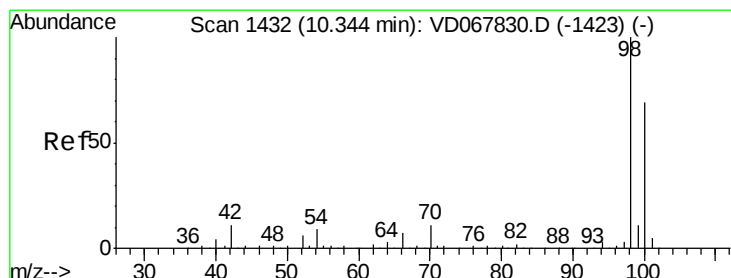
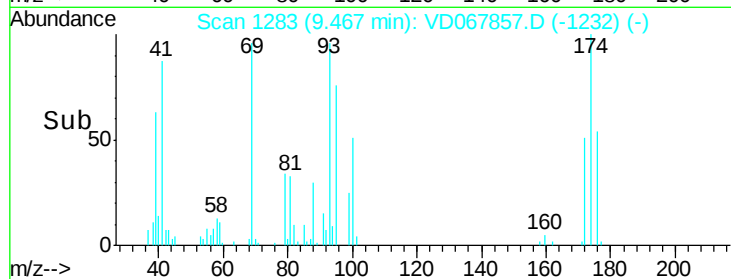
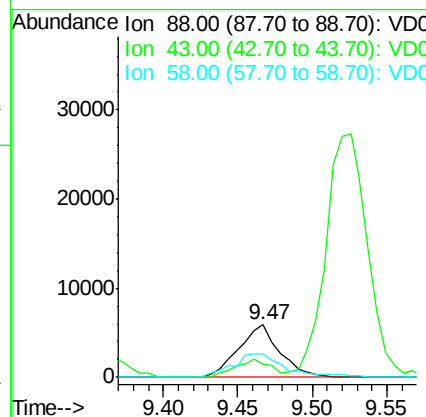
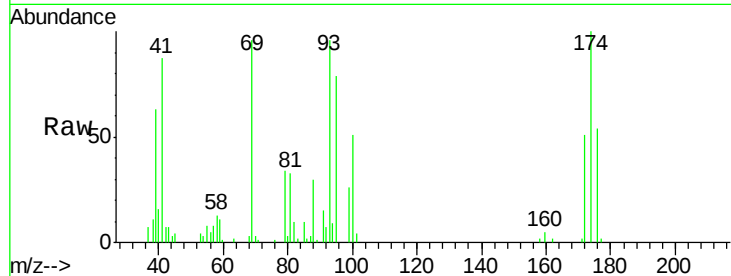
#49
1,4-Dioxane
Concen: 898.970 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.2	30.1	45.1#
58	58.1	42.4	63.6

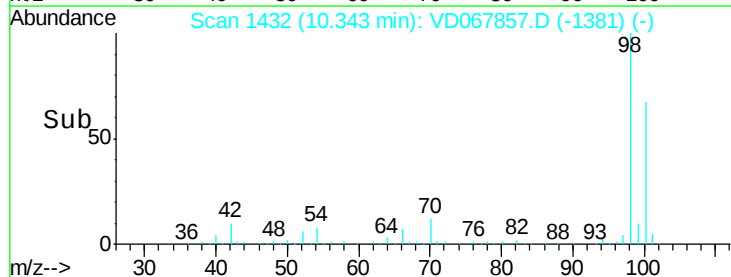
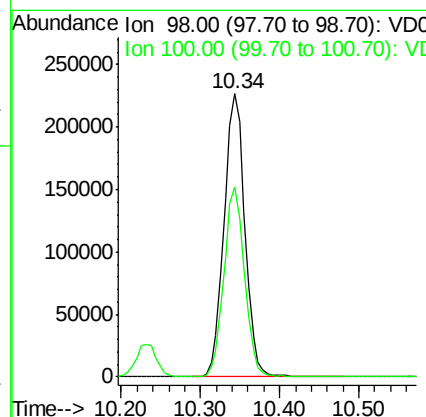
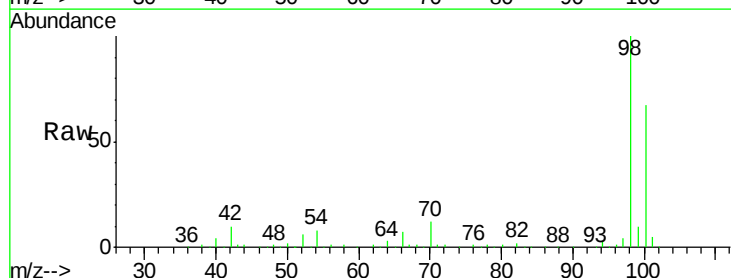
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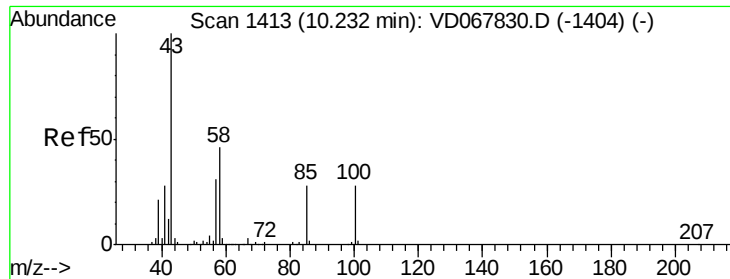
MMDadoda
12/4/2020 11:26:28 AM



#50
Toluene-d8
Concen: 52.944 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3





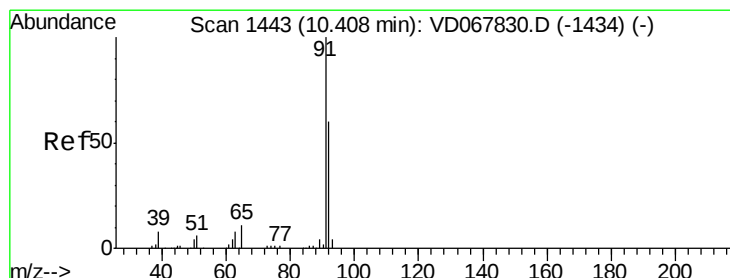
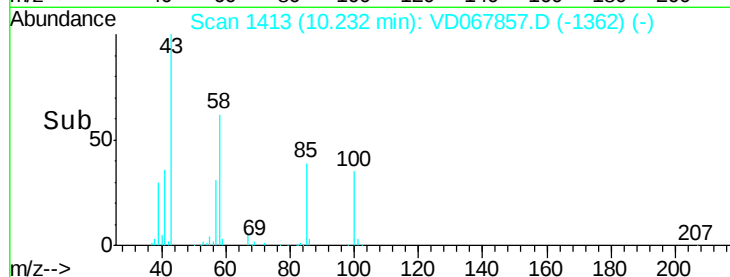
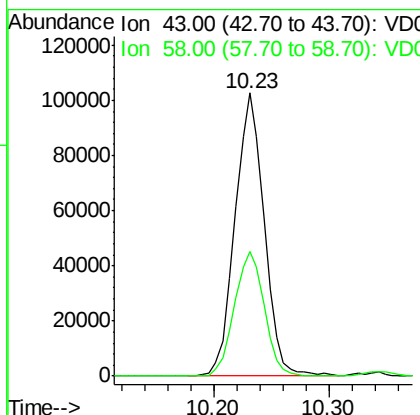
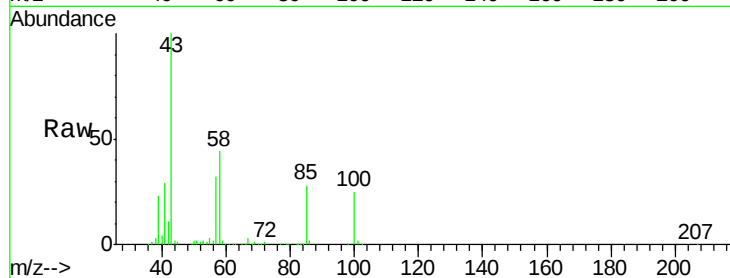
#51
4-Methyl-2-Pentanone
Concen: 255.130 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 179619
Ion Ratio Lower Upper
43 100
58 45.3 35.7 53.5

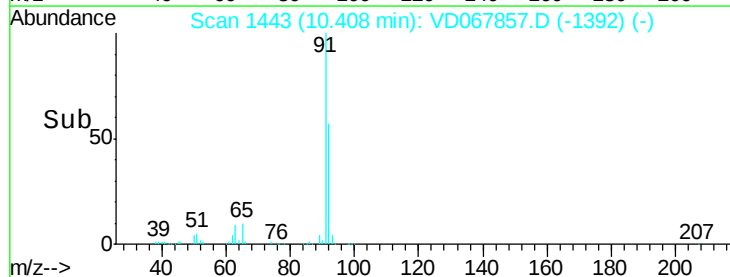
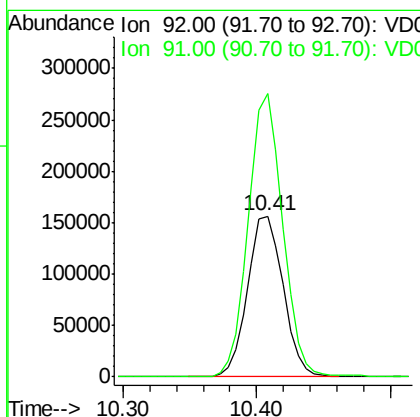
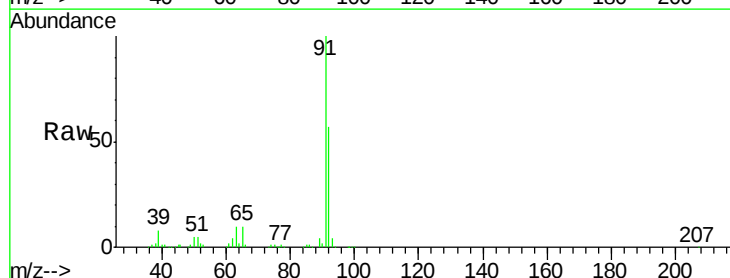
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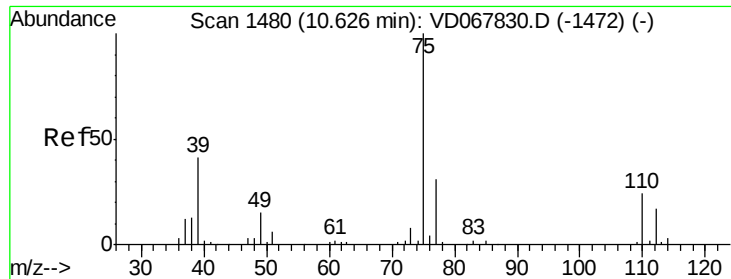
MMDadoda
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#52
Toluene
Concen: 53.636 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion: 92 Resp: 287825
Ion Ratio Lower Upper
92 100
91 170.0 134.2 201.2





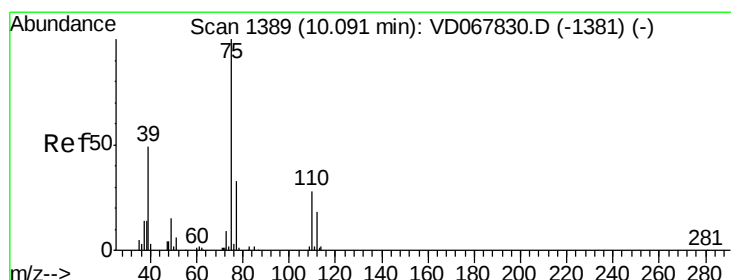
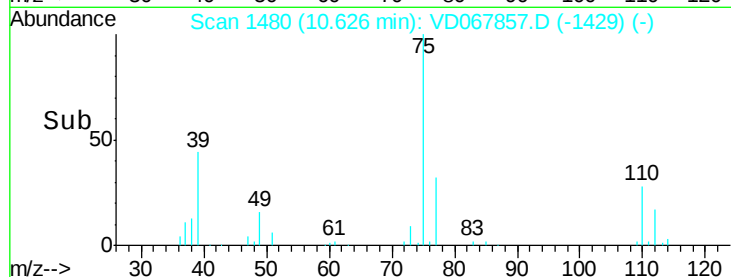
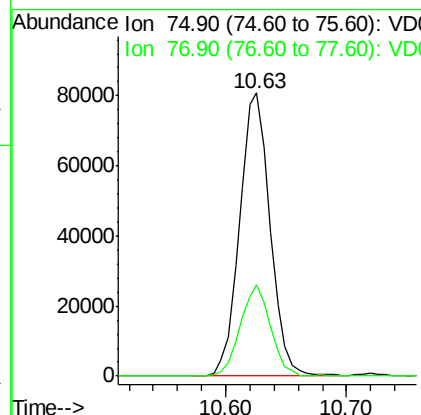
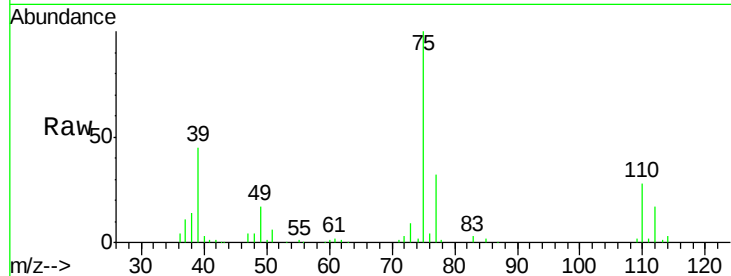
#53
t-1,3-Dichloropropene
Concen: 52.777 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.0	37.4

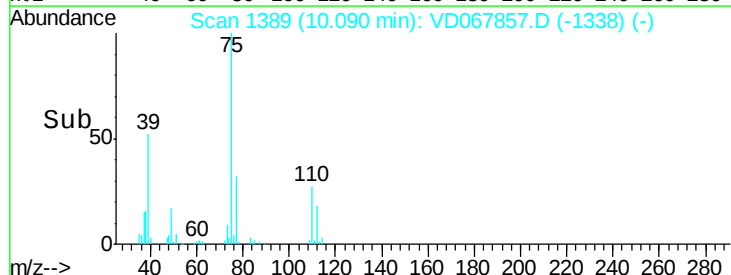
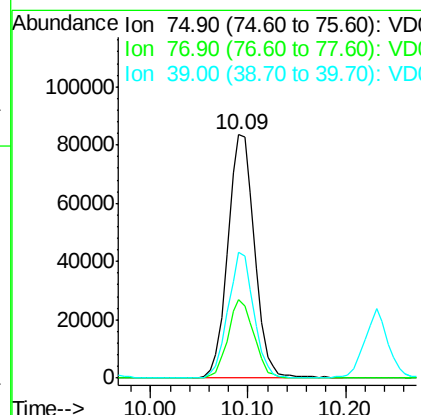
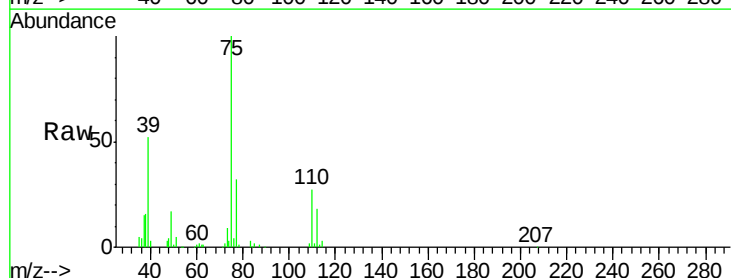
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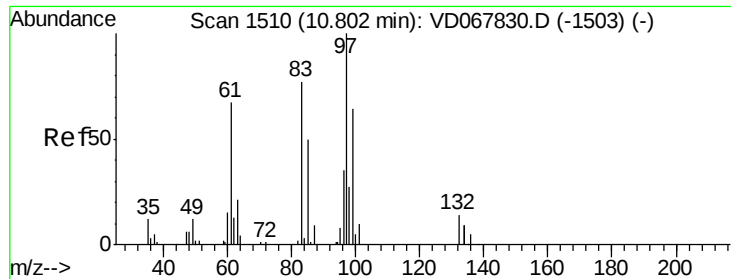
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#54
cis-1,3-Dichloropropene
Concen: 54.107 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	26.2	39.2
39	51.4	39.0	58.4





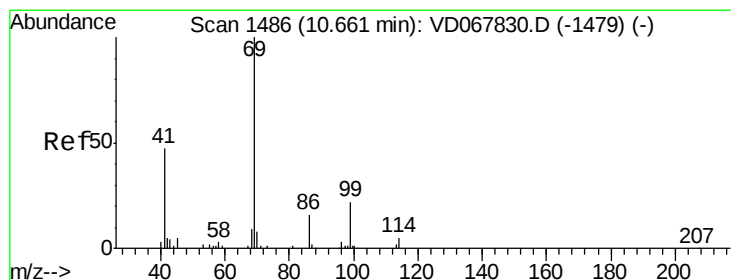
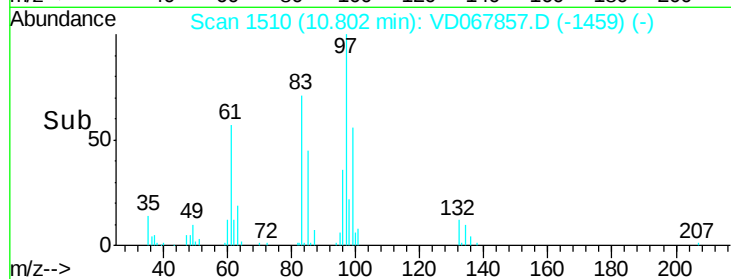
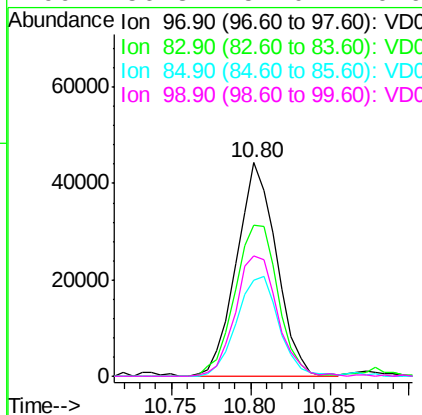
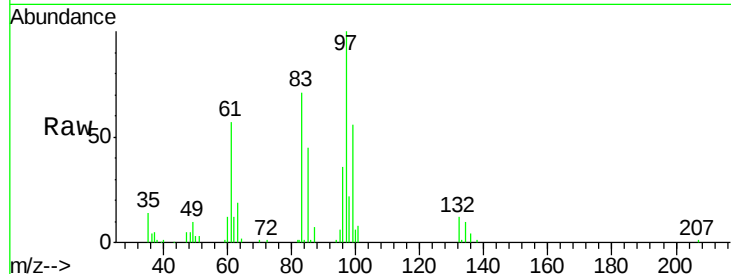
#55
 1,1,2-Trichloroethane
 Concen: 52.006 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067857.D
 Acq: 03 Dec 2020 09:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	77954
Ion	Ratio	Lower	Upper
97	100		
83	70.7	61.9	92.9
85	44.9	40.2	60.4
99	56.3	51.0	76.6

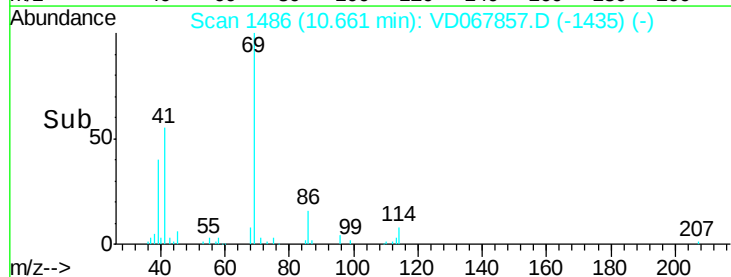
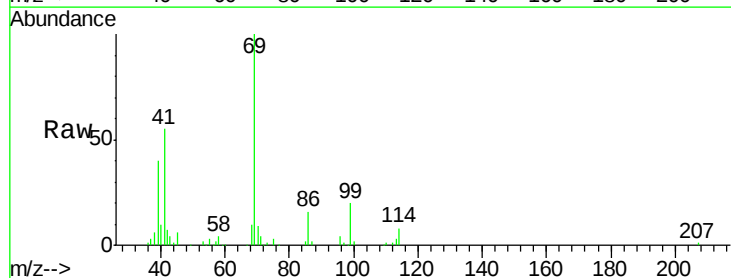
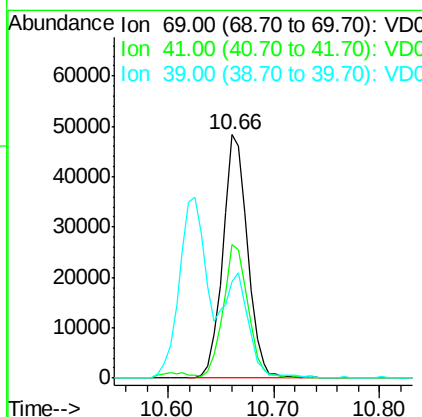
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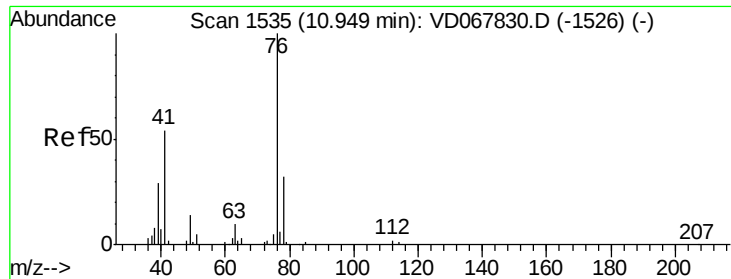
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 12/4/2020 11:26:28 AM



#56
 Ethyl methacrylate
 Concen: 51.399 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD067857.D
 Acq: 03 Dec 2020 09:51

Tgt Ion:	69	Resp:	78388
Ion	Ratio	Lower	Upper
69	100		
41	54.9	42.8	64.2
39	39.0	30.5	45.7





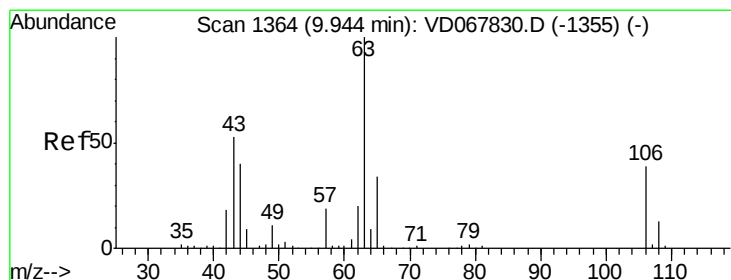
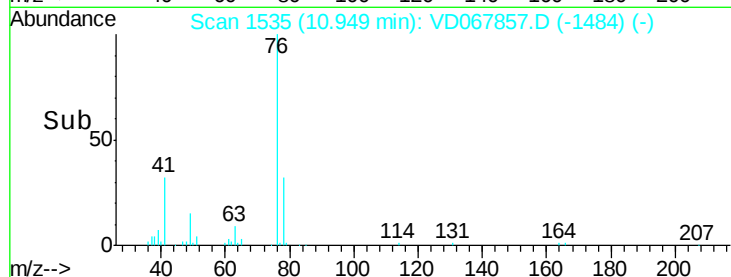
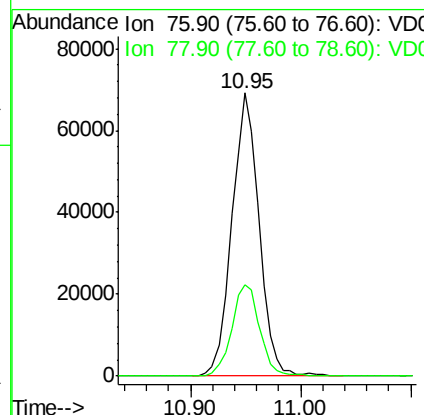
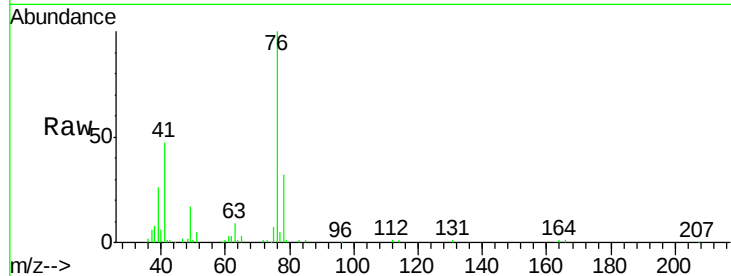
#57
 1,3-Dichloropropane
 Concen: 50.141 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD067857.D
 Acq: 03 Dec 2020 09:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 119053
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.6 39.8

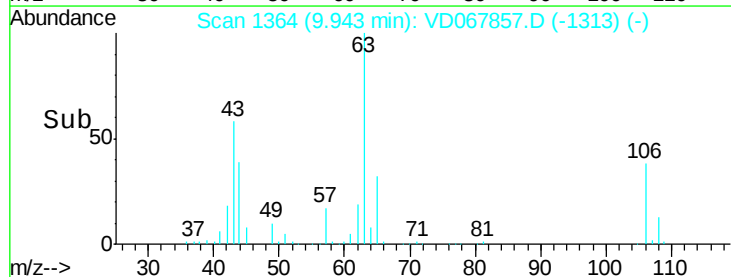
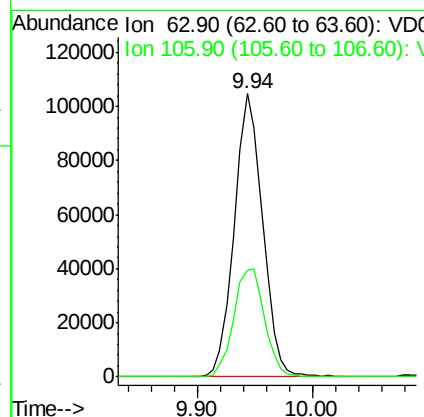
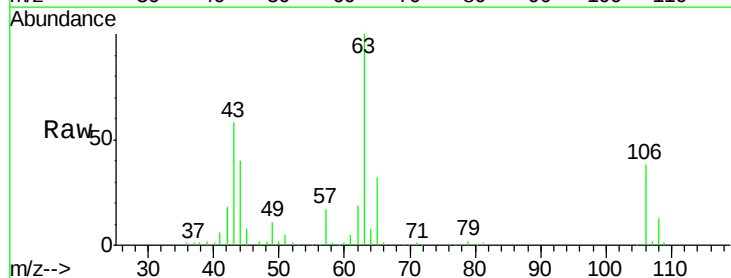
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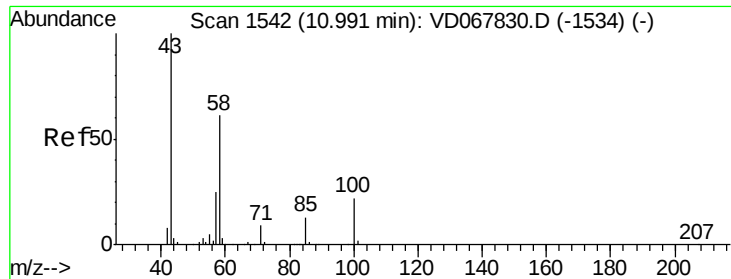
MMDadoda
 12/4/2020 11:26:28 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.088 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD067857.D
 Acq: 03 Dec 2020 09:51

Tgt Ion: 63 Resp: 178410
 Ion Ratio Lower Upper
 63 100
 106 41.6 32.0 48.0





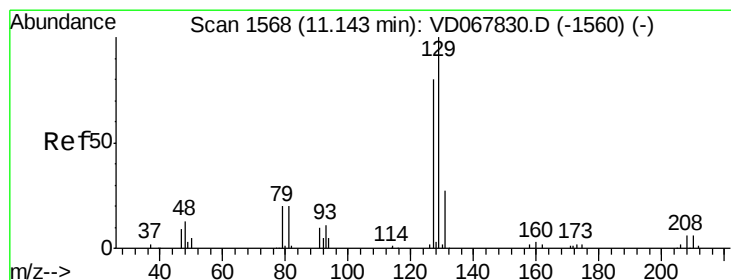
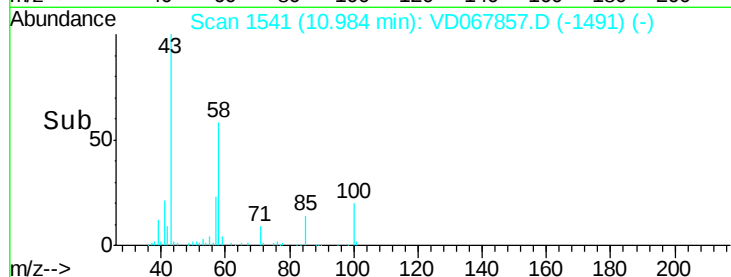
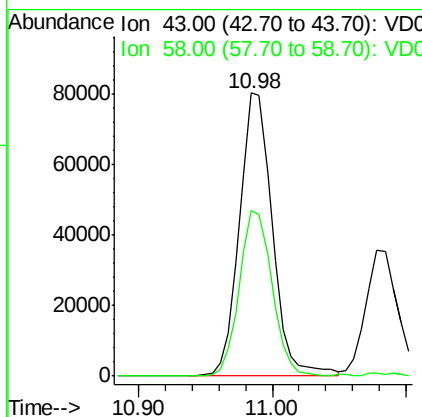
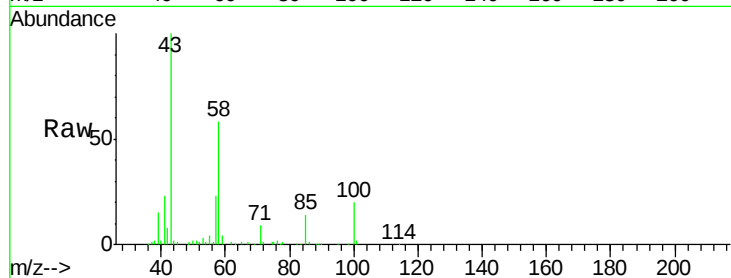
#59
2-Hexanone
Concen: 276.613 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 137284
Ion Ratio Lower Upper
43 100
58 57.9 29.9 89.7

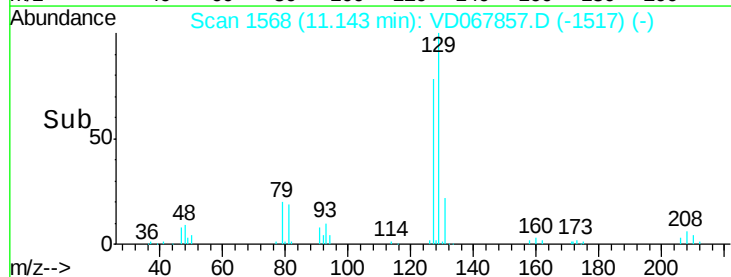
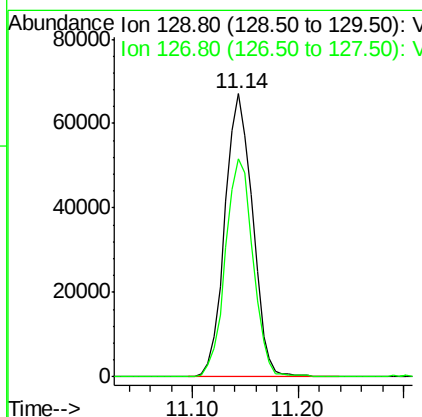
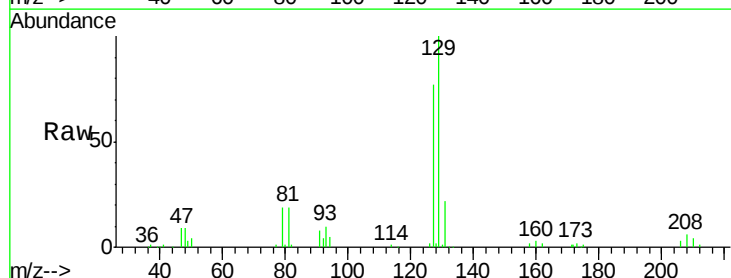
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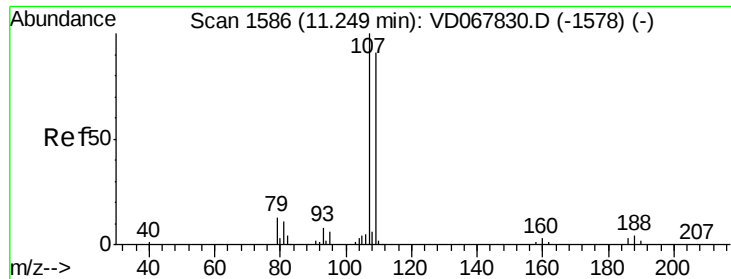
MMDadoda
12/4/2020 11:26:28 AM



#60
Dibromochloromethane
Concen: 53.914 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion: 129 Resp: 121819
Ion Ratio Lower Upper
129 100
127 76.8 39.2 117.6





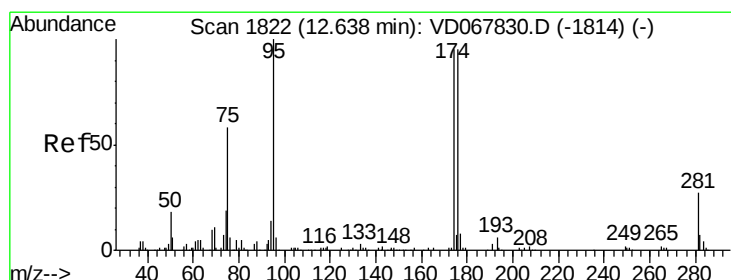
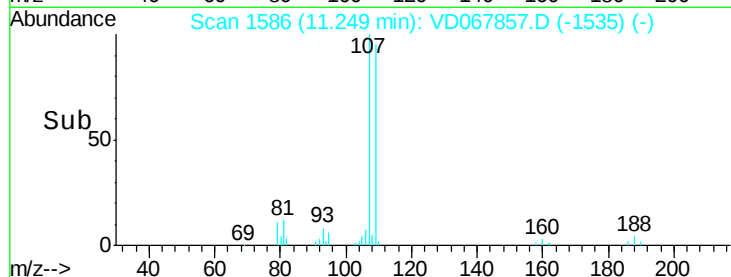
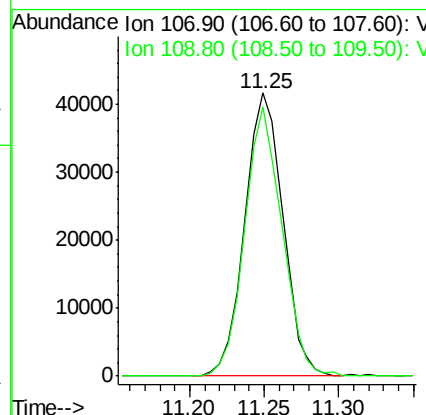
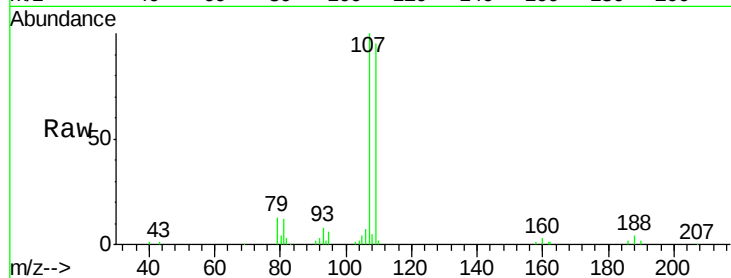
#61
1,2-Dibromoethane
Concen: 50.081 ug/l
RT: 11.25 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.9	113.9

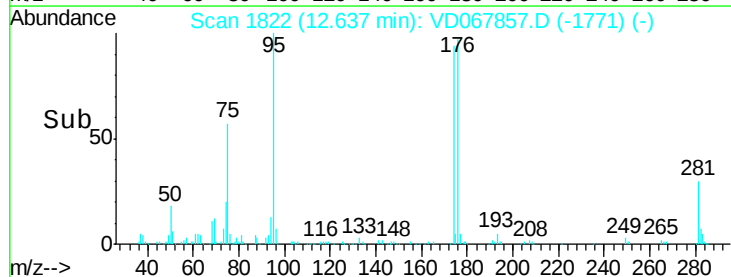
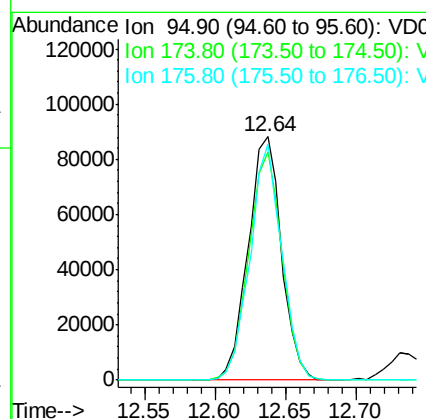
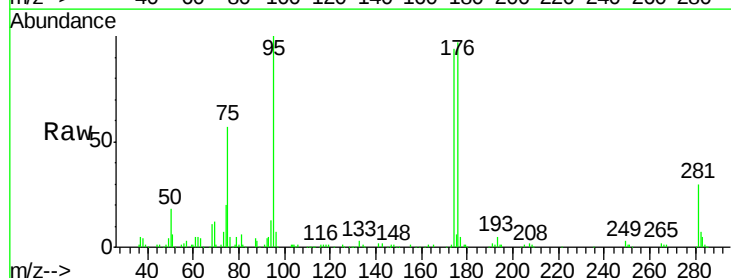
Manual Integrations
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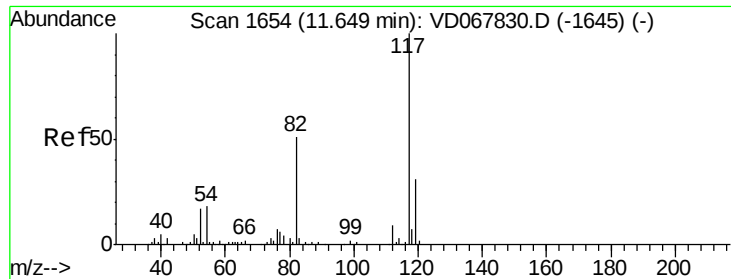
MMDadoda
12/4/2020 11:26:28 AM



#62
4-Bromofluorobenzene
Concen: 54.085 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	186.0
176	92.5	0.0	184.2





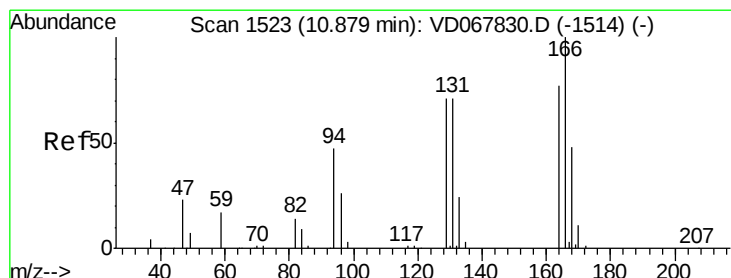
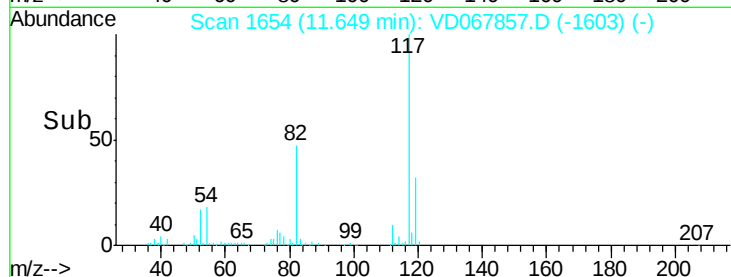
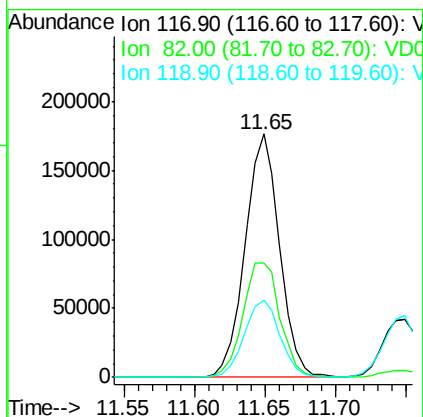
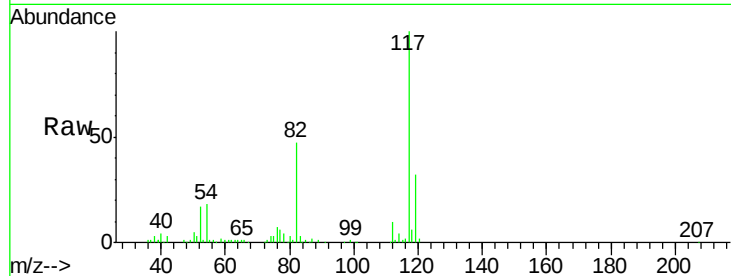
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	300716		
82	46.9		40.6	60.8
119	31.6		25.1	37.7

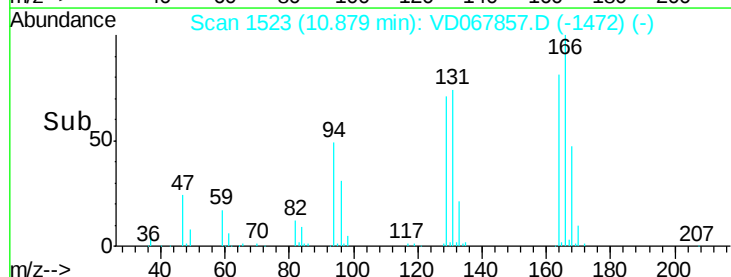
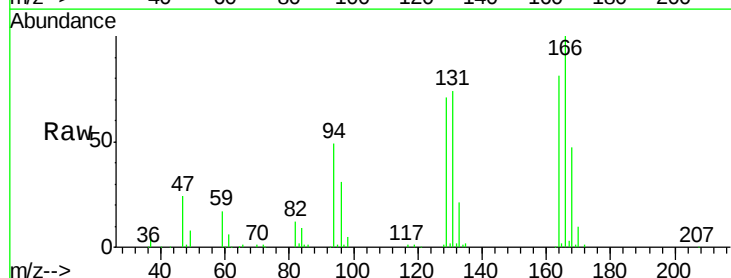
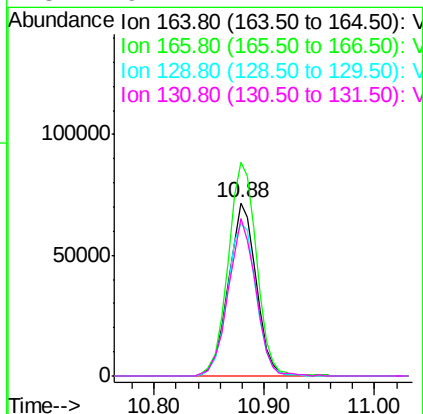
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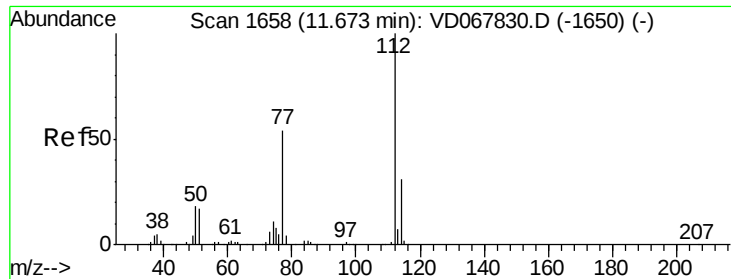
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#64
Tetrachloroethene
Concen: 51.381 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	126032		
166	123.5		103.8	155.6
129	87.9		73.3	109.9
131	91.2		74.1	111.1





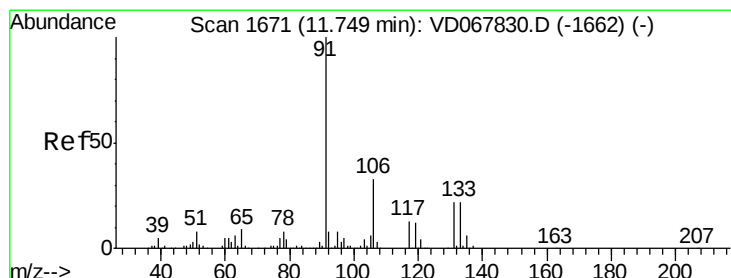
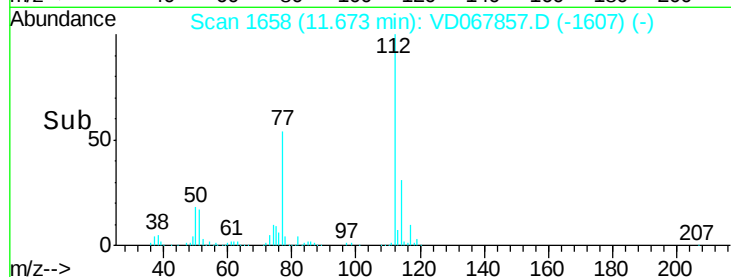
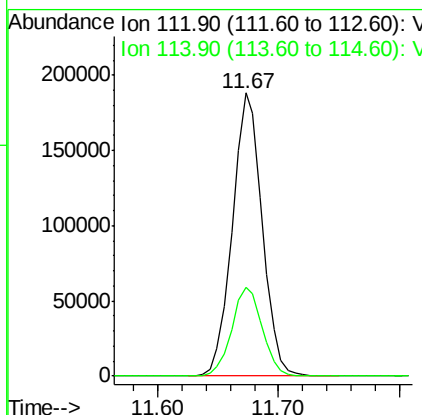
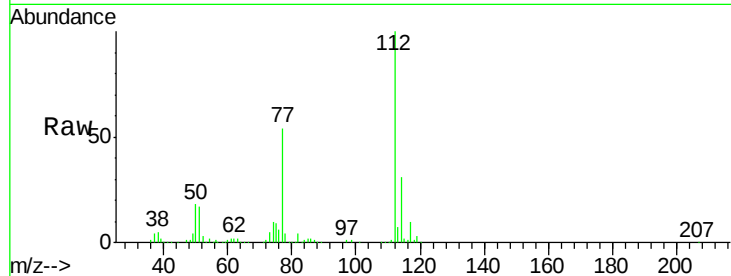
#65
Chlorobenzene
Concen: 51.978 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.0	37.4

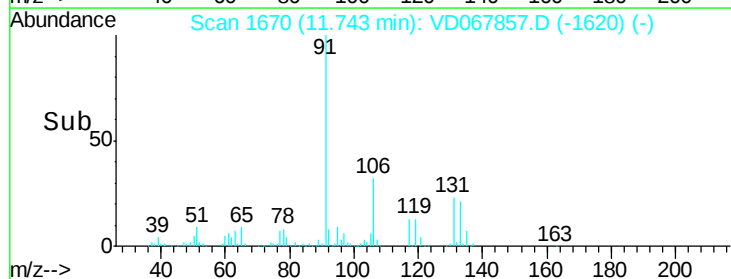
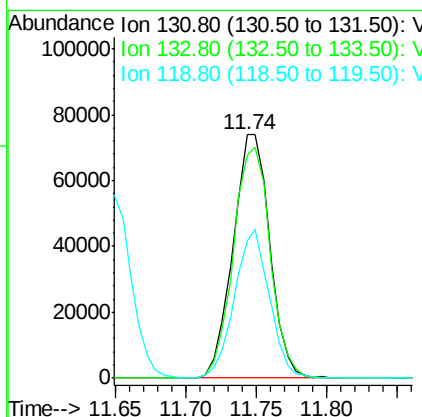
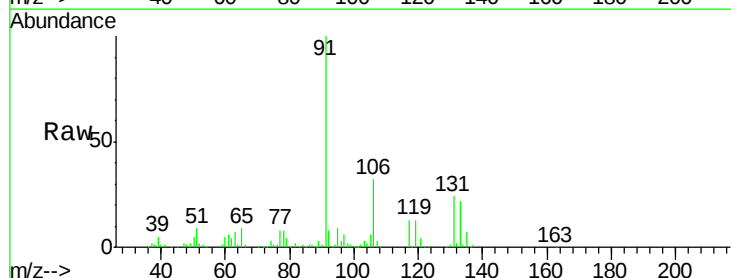
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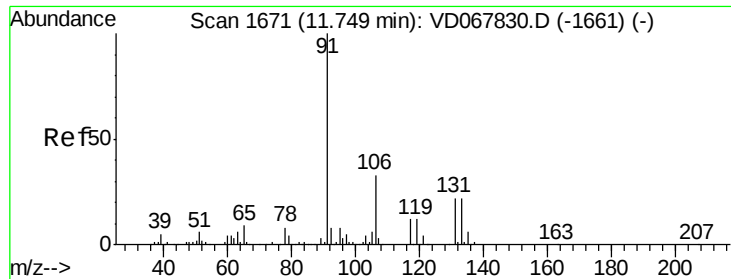
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.045 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	49.9	149.7
119	58.1	29.6	88.9





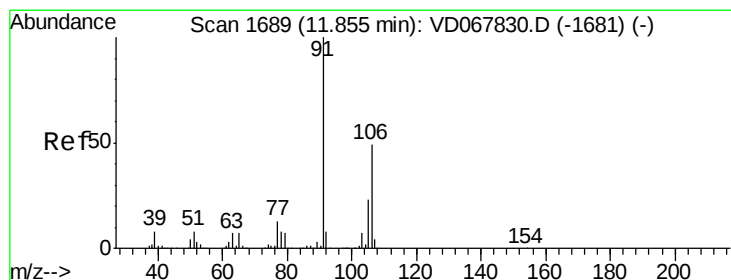
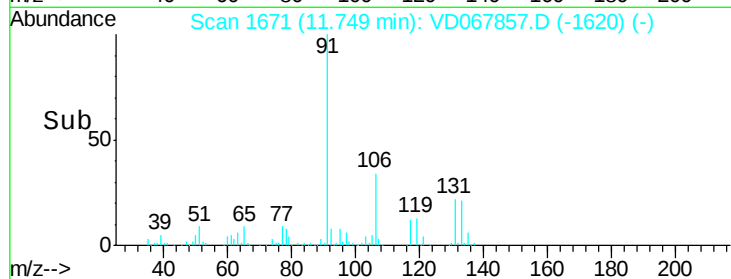
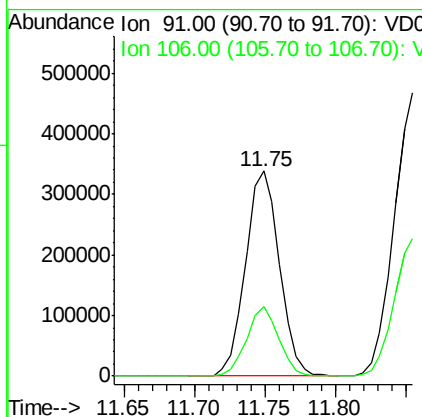
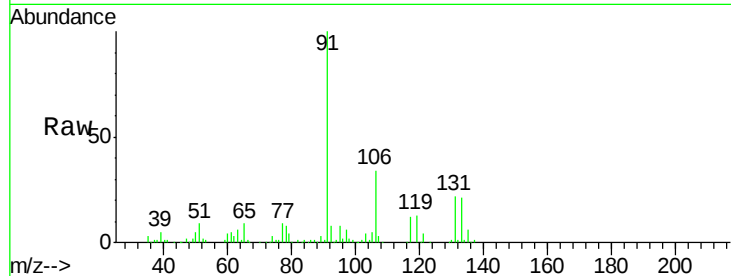
#67
Ethyl Benzene
Concen: 54.051 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 571324
Ion Ratio Lower Upper
91 100
106 34.2 26.2 39.2

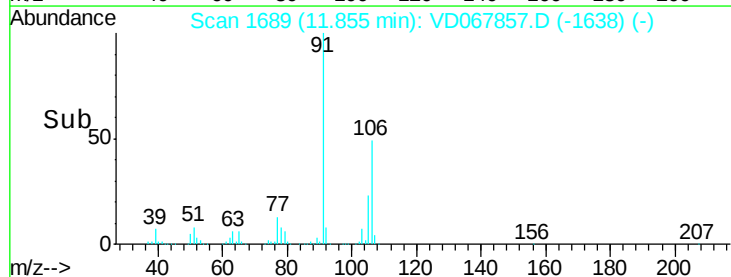
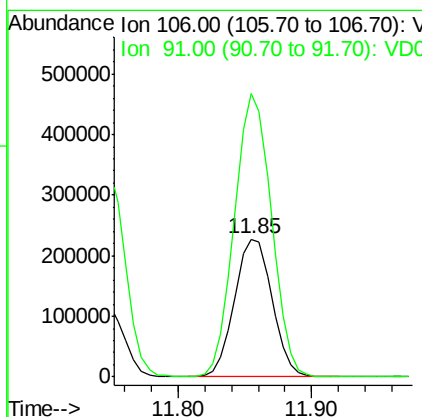
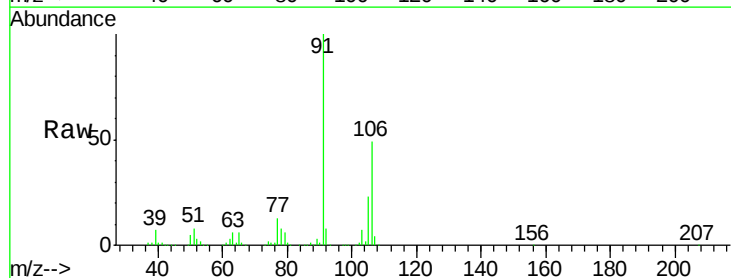
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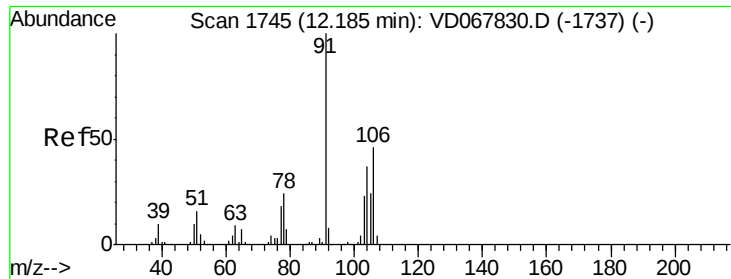
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#68
m/p-Xylenes
Concen: 106.849 ug/l
RT: 11.85 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion: 106 Resp: 445334
Ion Ratio Lower Upper
106 100
91 202.5 162.8 244.2





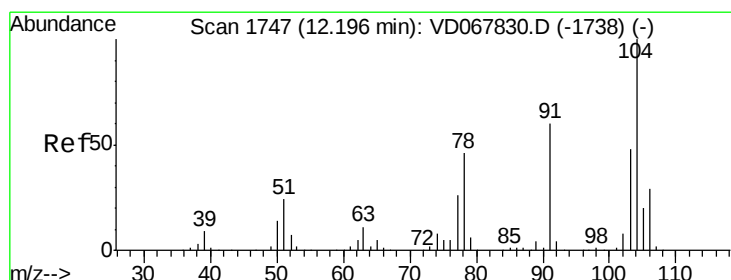
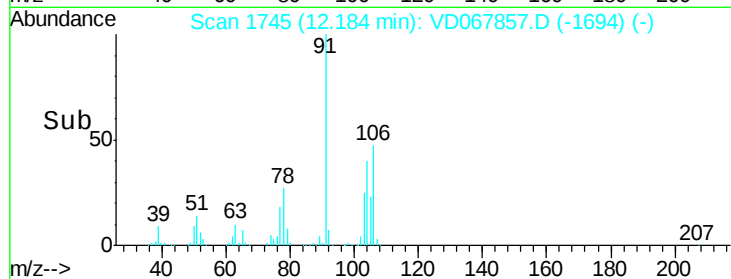
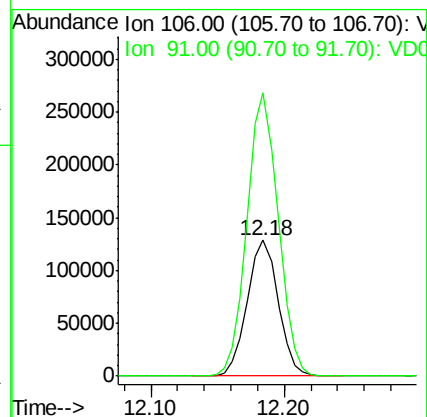
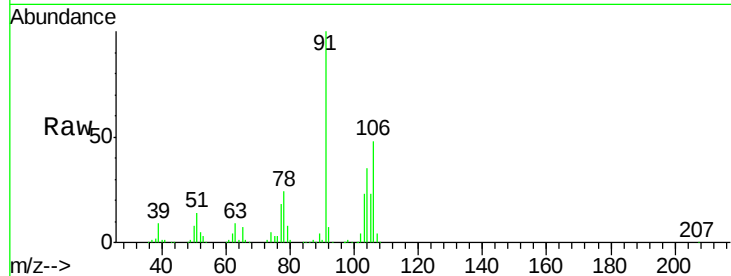
#69
o-Xylene
Concen: 56.016 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		207265		
91	208.8	107.5	322.5		

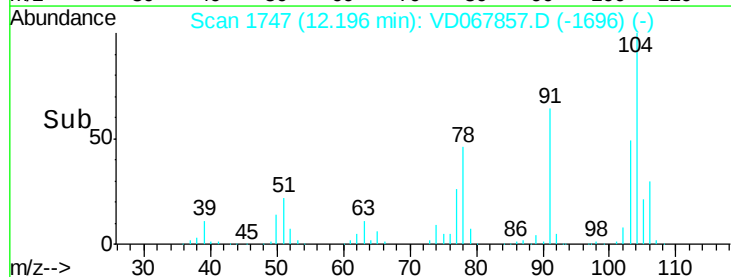
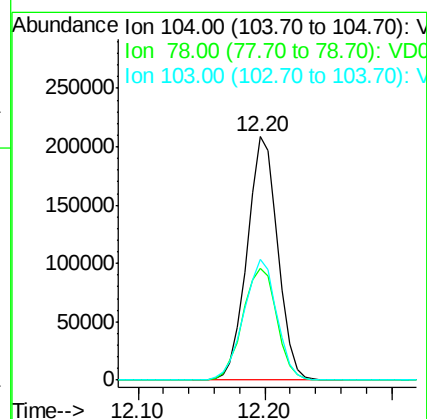
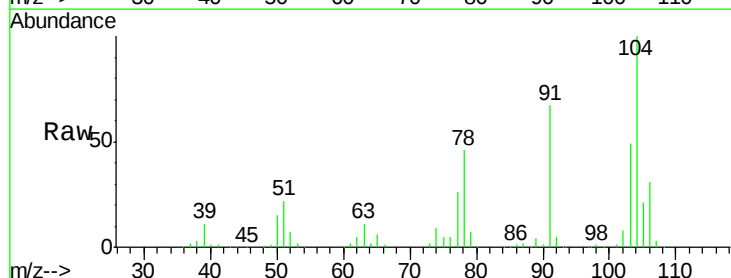
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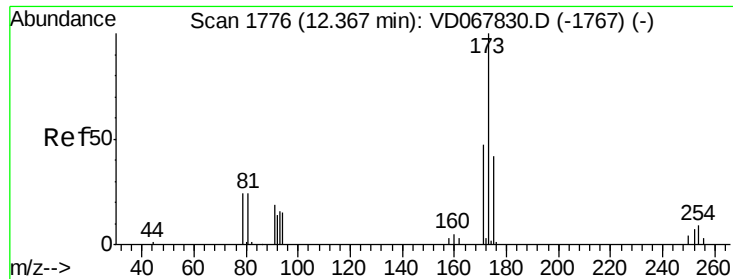
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#70
Styrene
Concen: 54.345 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		349657		
78	51.2	41.6	62.4		
103	53.5	43.2	64.8		





#71

Bromoform

Concen: 50.723 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

Instrument :

MSVOA_D

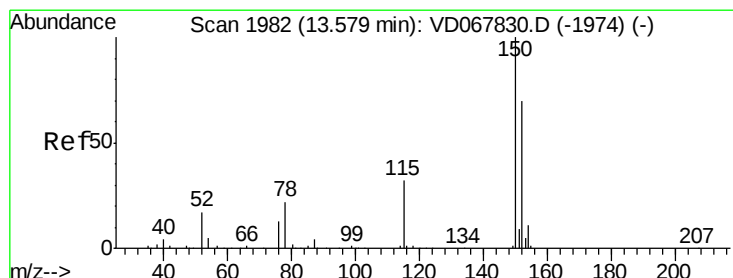
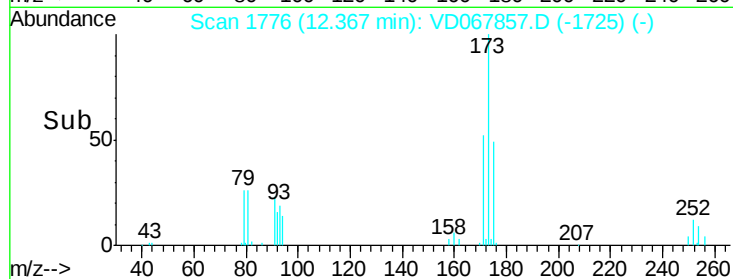
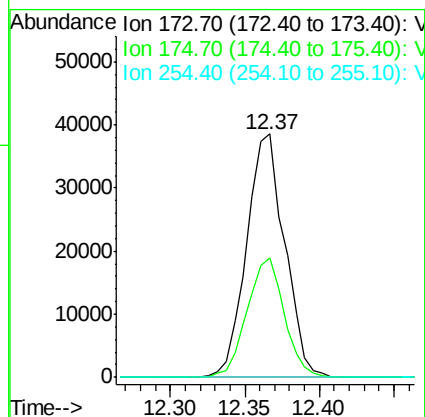
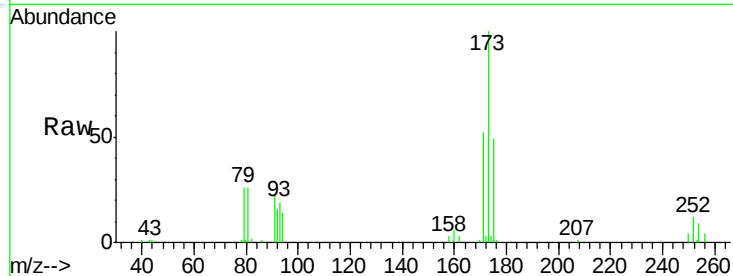
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	67951
Ion Ratio	Lower	Upper	
173	100		
175	47.6	23.4	70.3
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

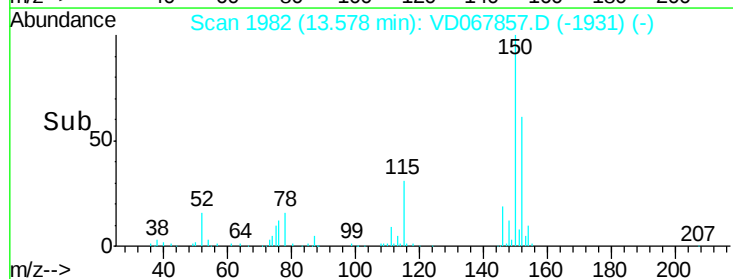
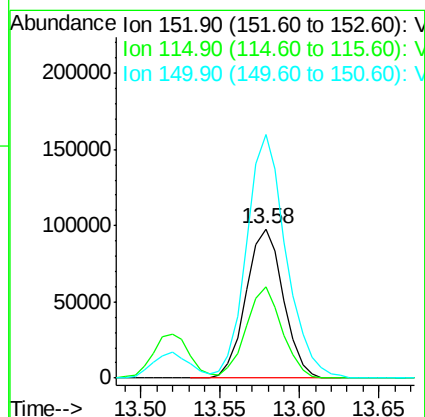
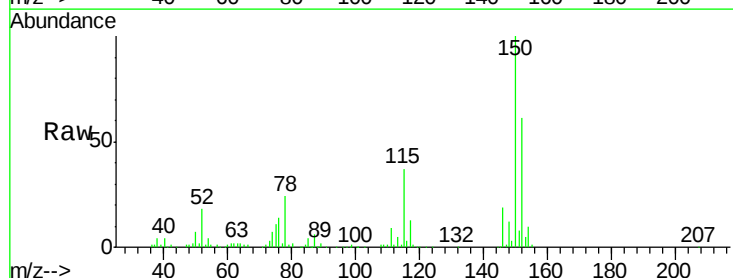
RT: 13.58 min Scan# 1982

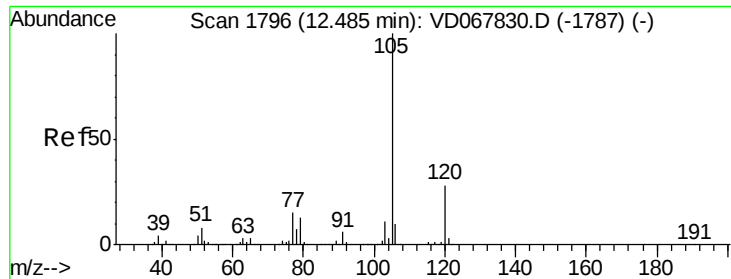
Delta R.T. -0.00 min

Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

Tgt Ion:	152	Resp:	160540
Ion Ratio	Lower	Upper	
152	100		
115	58.9	29.1	87.4
150	172.4	0.0	339.0





#73

Isopropylbenzene

Concen: 52.850 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 583478

Ion Ratio Lower Upper

105 100

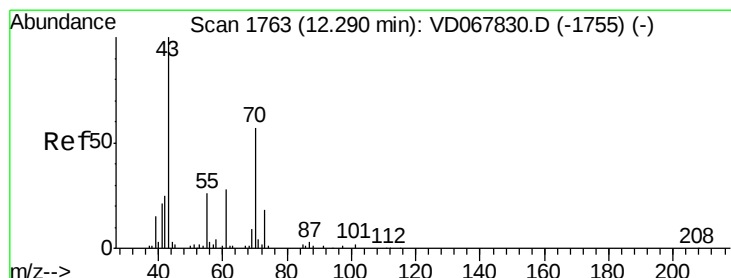
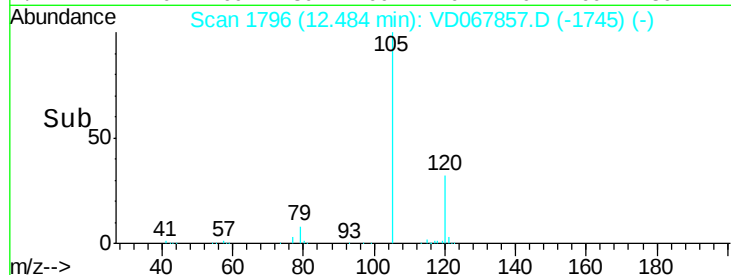
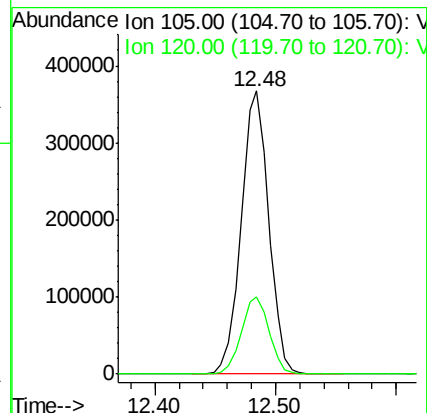
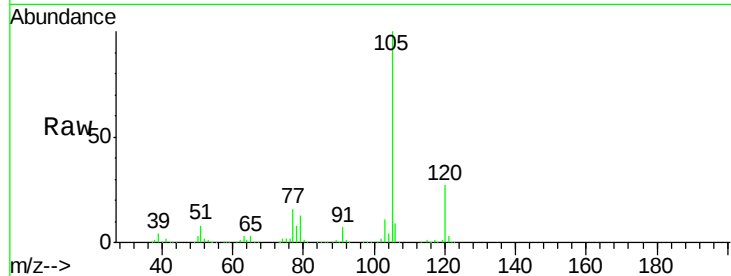
120 27.4 13.9 41.6

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#74

N-ethyl acetate

Concen: 48.314 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

Tgt Ion: 43 Resp: 65980

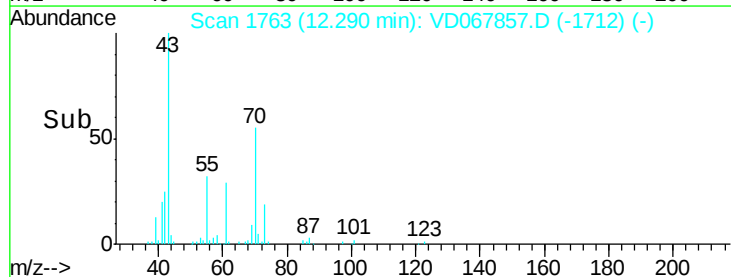
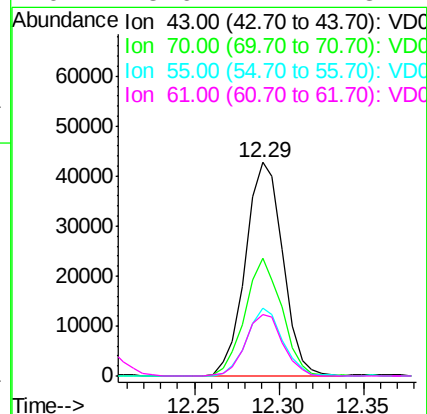
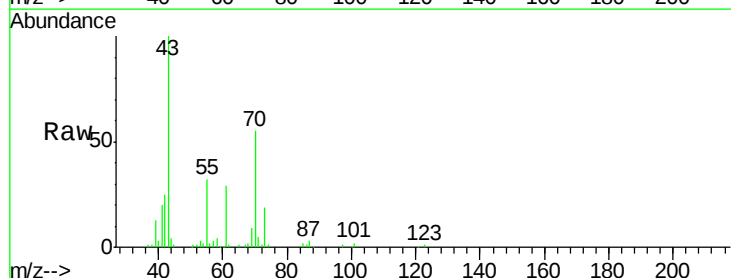
Ion Ratio Lower Upper

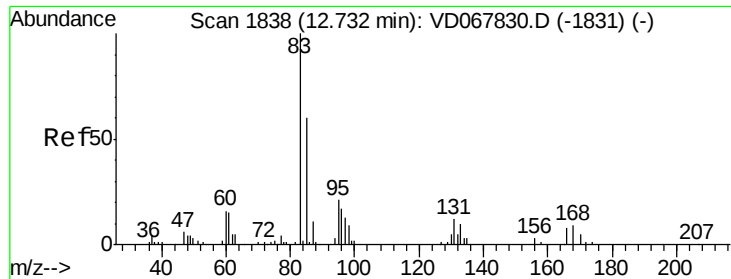
43 100

70 54.2 44.6 66.8

55 30.6 22.2 33.2

61 28.6 22.7 34.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.332 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

Instrument :

MSVOA_D

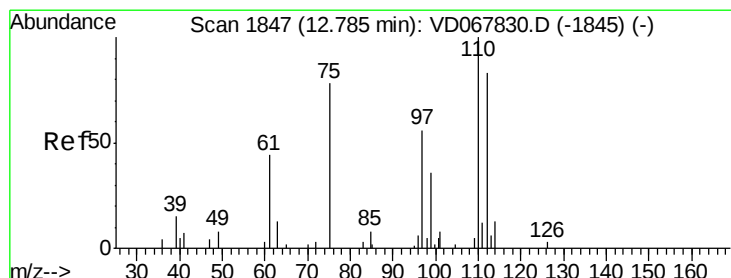
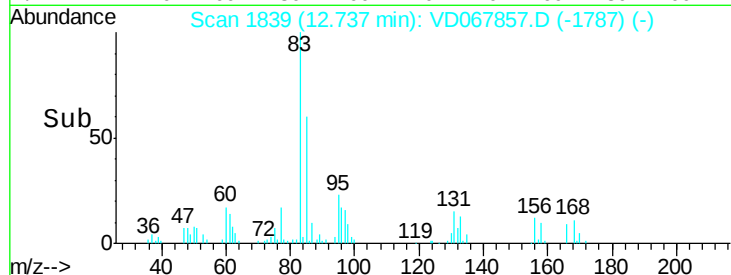
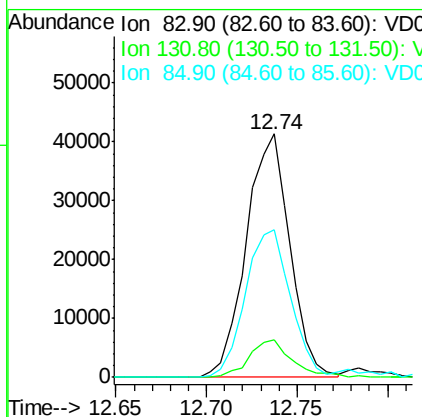
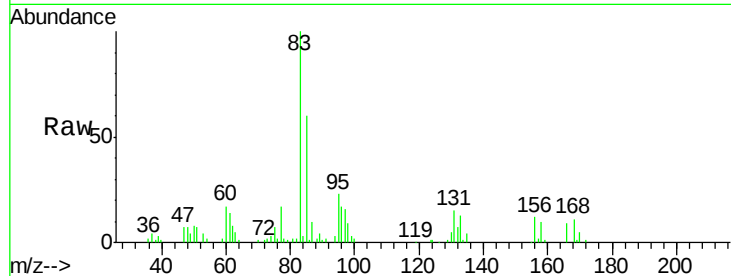
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	68991
Ion Ratio	Lower	Upper	
83	100		
131	15.3	8.0	24.0
85	62.9	31.7	95.1

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#76

1,2,3-Trichloropropane

Concen: 46.546 ug/l m

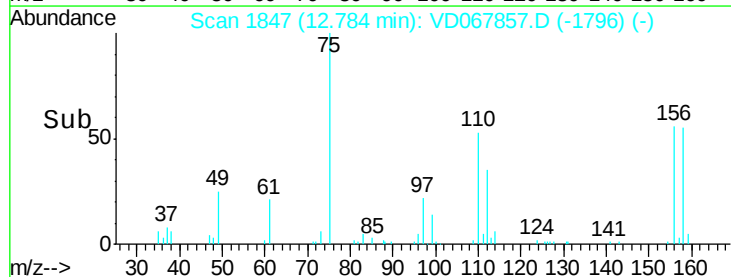
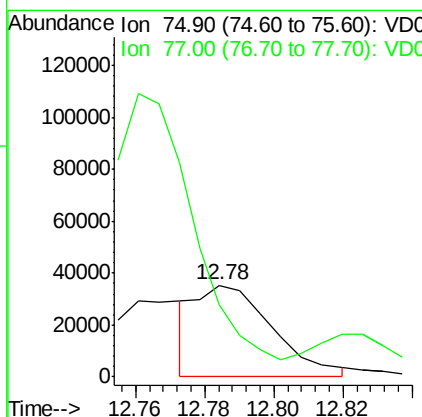
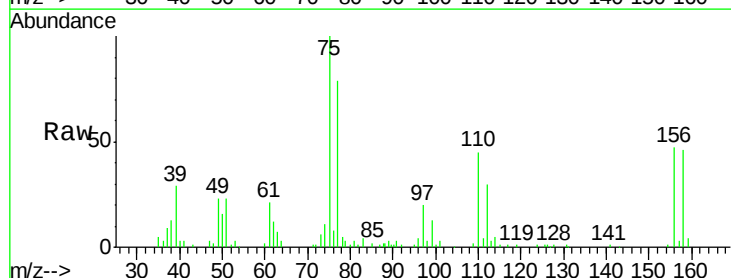
RT: 12.78 min Scan# 1847

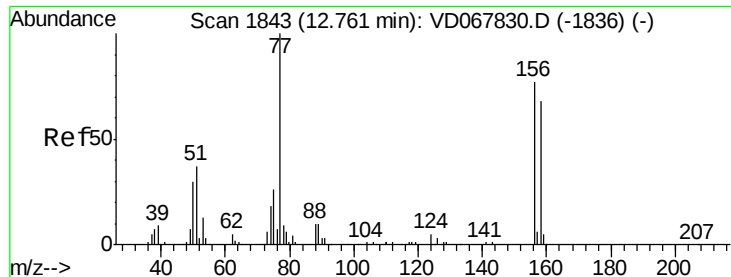
Delta R.T. -0.00 min

Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

Tgt Ion:	75	Resp:	54417
Ion Ratio	Lower	Upper	
75	100		
77	0.0	175.9	527.7#





#77

Bromobenzene

Concen: 50.897 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

Instrument :

MSVOA_D

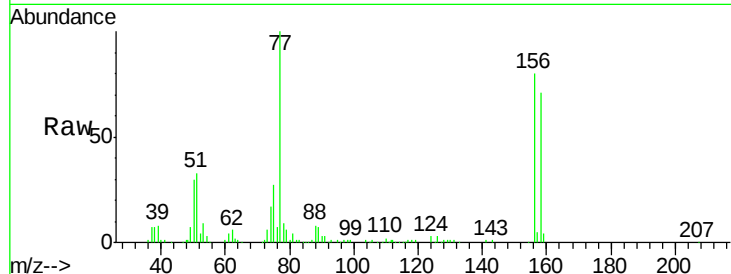
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	143.9	71.5	214.5
158	96.5	47.1	141.4

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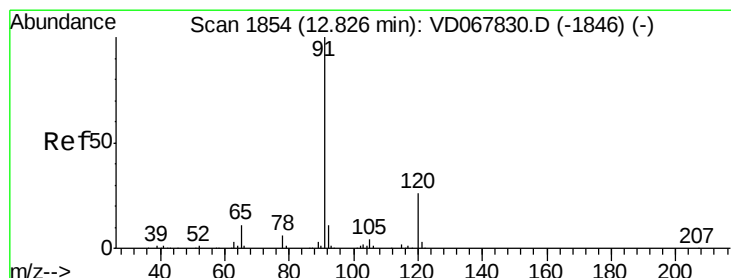
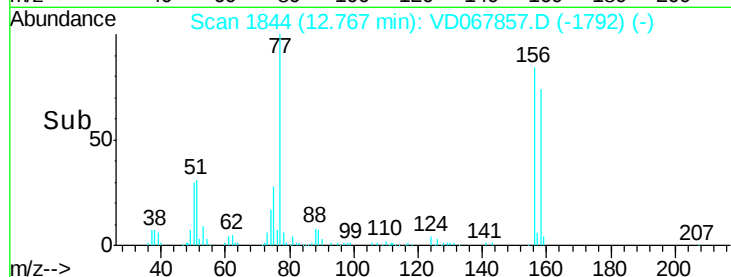
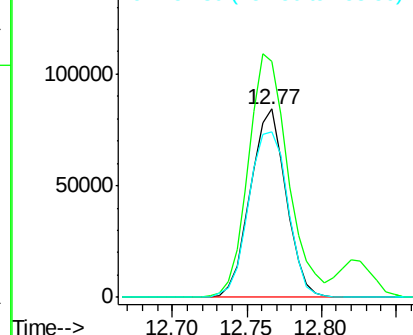


Abundance

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: 52.427 ug/l

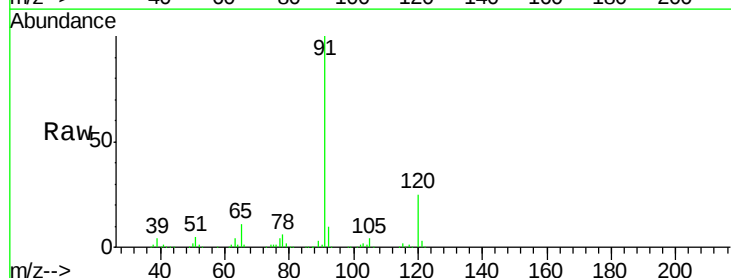
RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

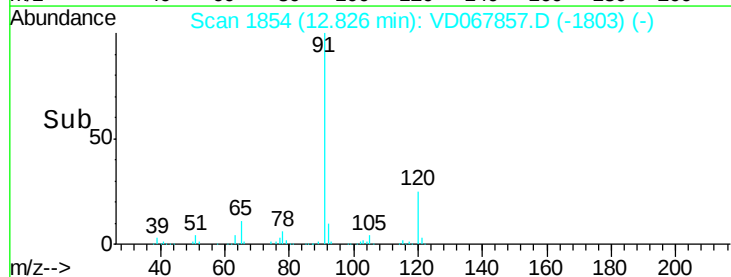
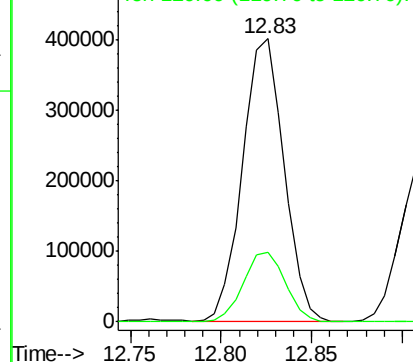
Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.2	12.7	38.0

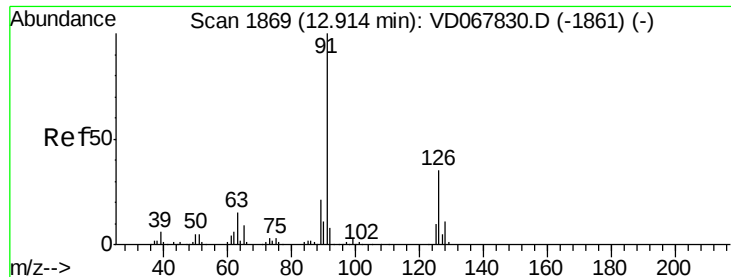


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.225 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.01 min

Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 375949

Ion Ratio Lower Upper

91 100

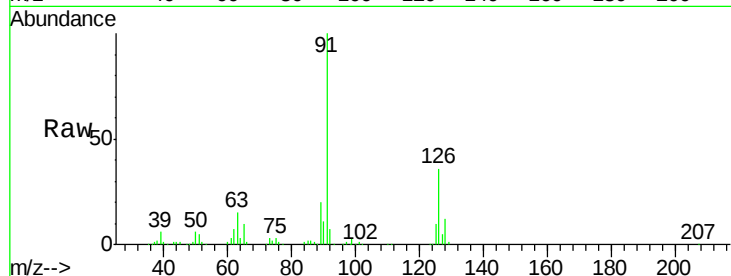
126 37.2 17.9 53.7

Manual Integrations

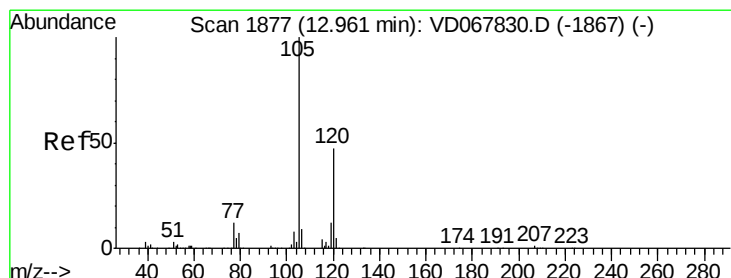
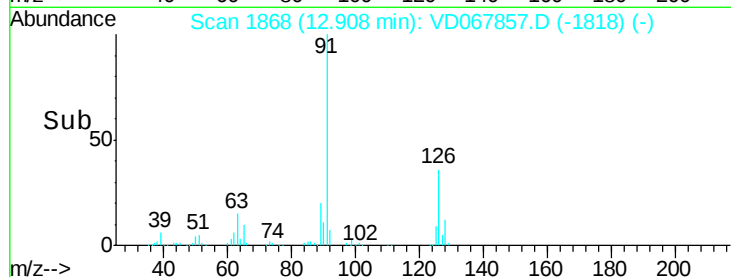
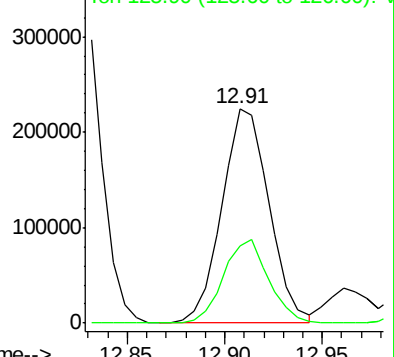
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Abundance Ion 91.00 (90.70 to 91.70): VD067830.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.185 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD067857.D

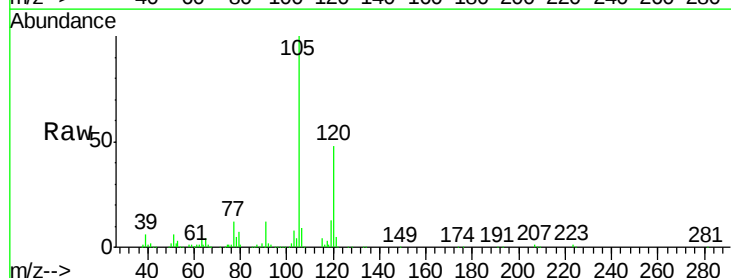
Acq: 03 Dec 2020 09:51

Tgt Ion: 105 Resp: 508379

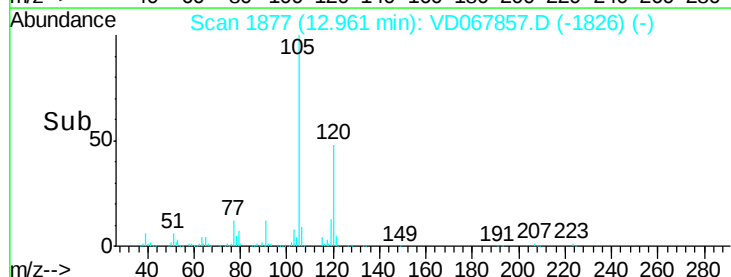
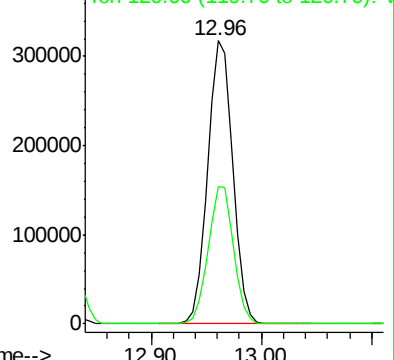
Ion Ratio Lower Upper

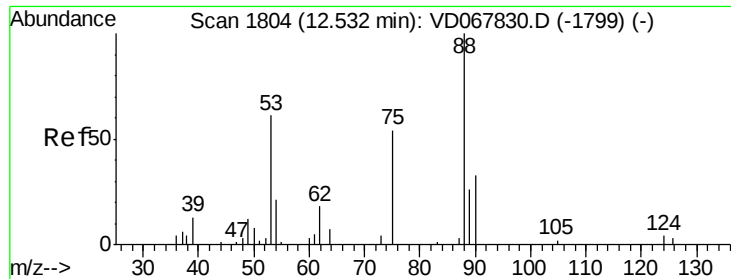
105 100

120 49.1 24.3 72.9



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





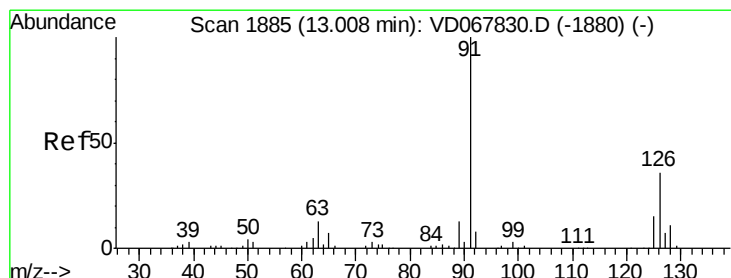
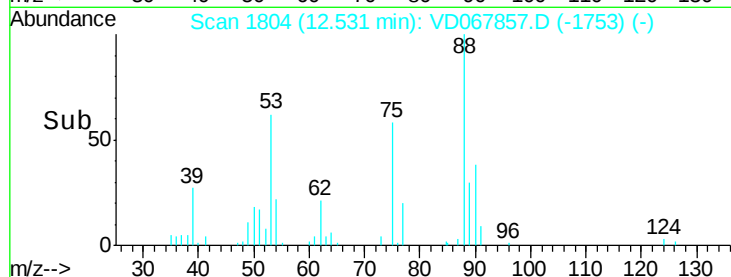
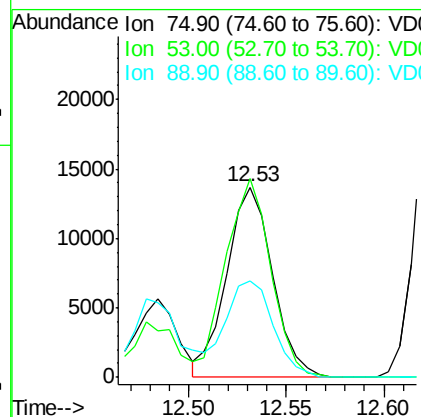
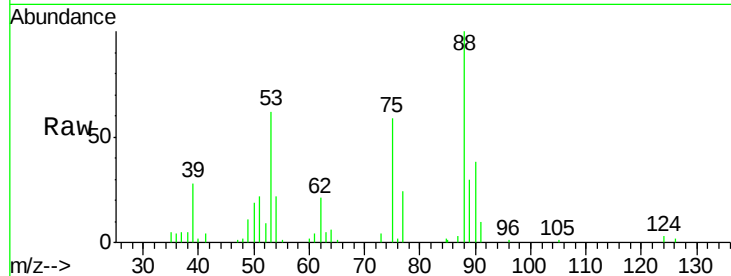
#81
trans-1,4-Dichloro-2-butene
Concen: 45.685 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.0	84.6	127.0
89	52.5	41.0	61.6

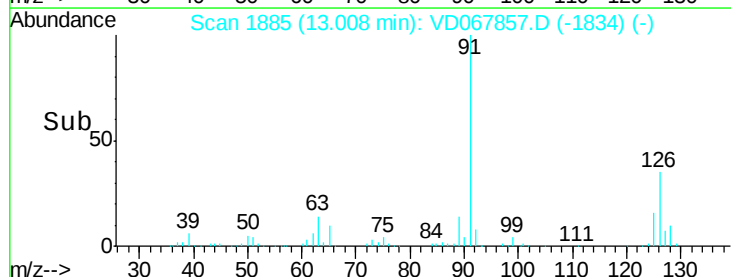
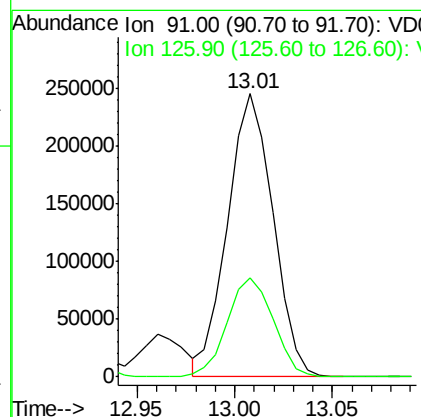
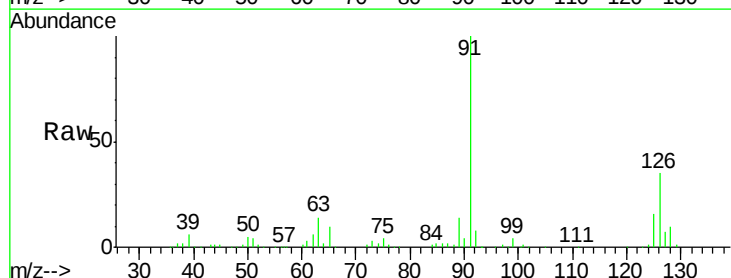
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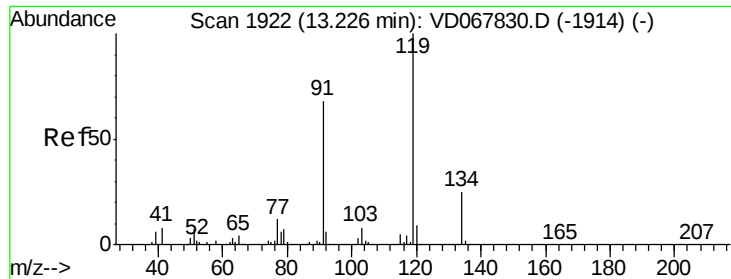
MMDadoda
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#82
4-Chlorotoluene
Concen: 51.583 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	18.1	54.4





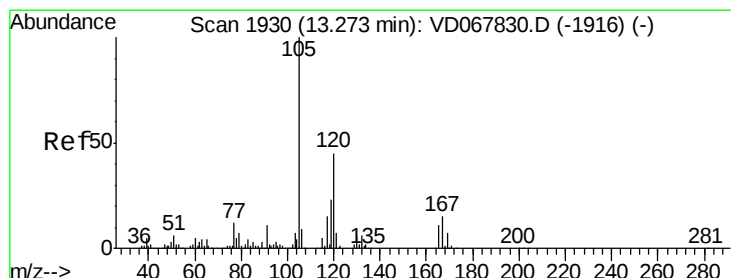
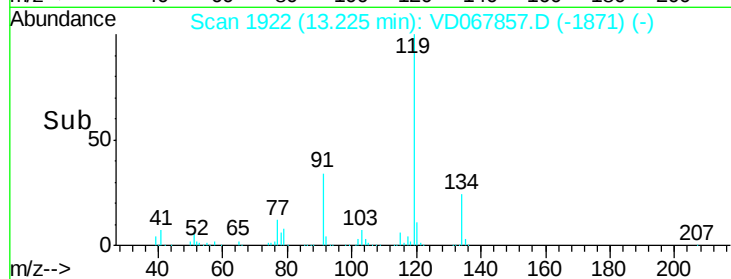
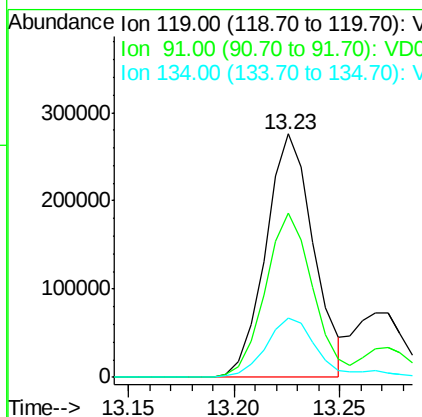
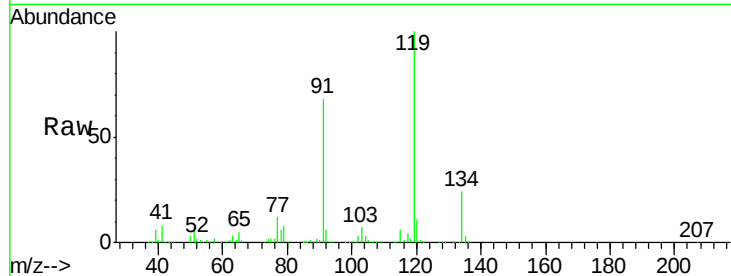
#83
tert-Butylbenzene
Concen: 53.474 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	434967		
91	67.5		33.1	99.3
134	26.8		13.6	40.8

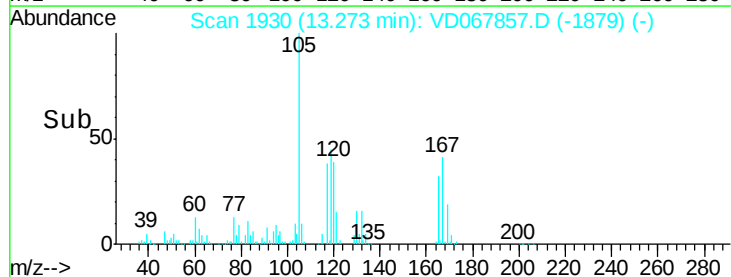
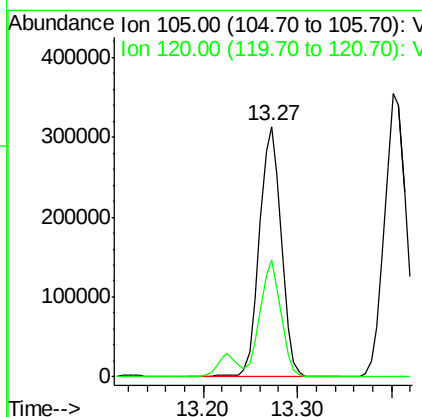
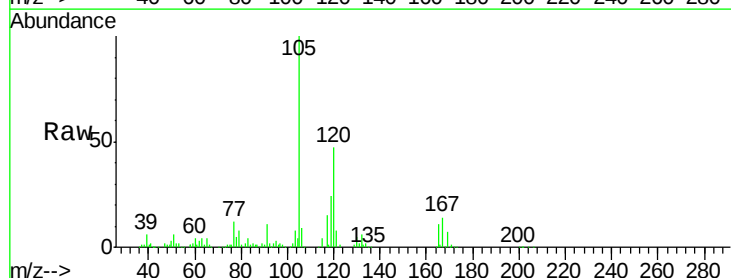
Manual Integrations
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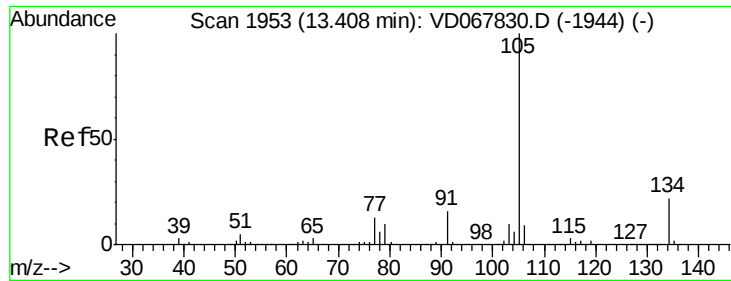
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 52.953 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	503322		
120	44.6		22.1	66.5





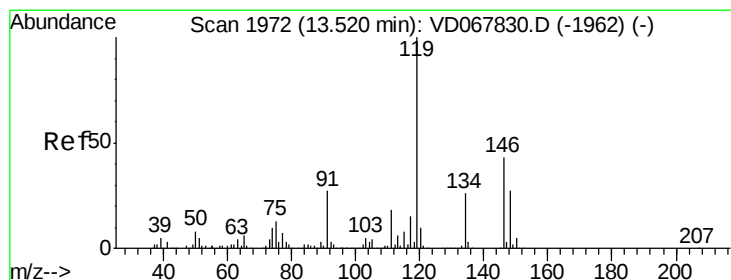
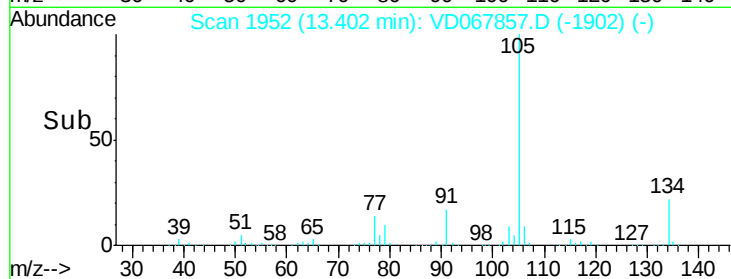
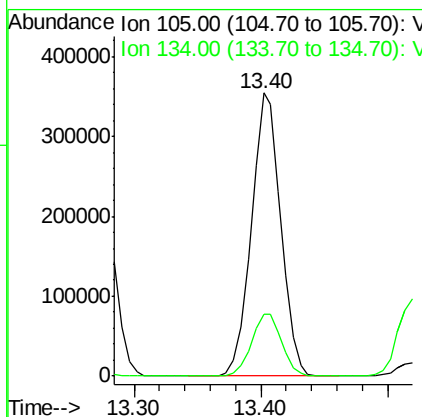
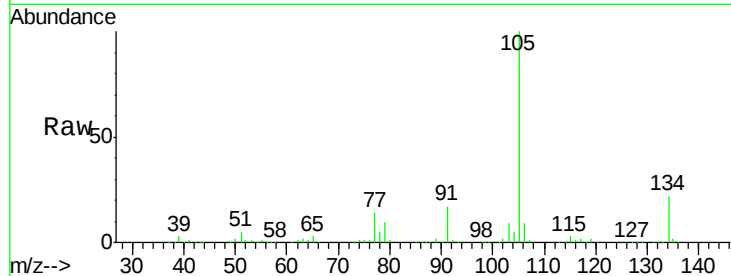
#85
 sec-Butylbenzene
 Concen: 52.519 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD067857.D
 Acq: 03 Dec 2020 09:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	22.5	10.9	32.9

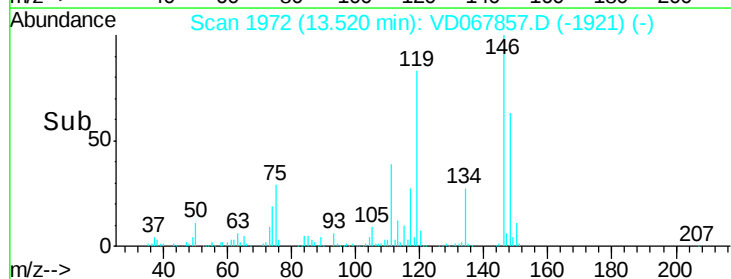
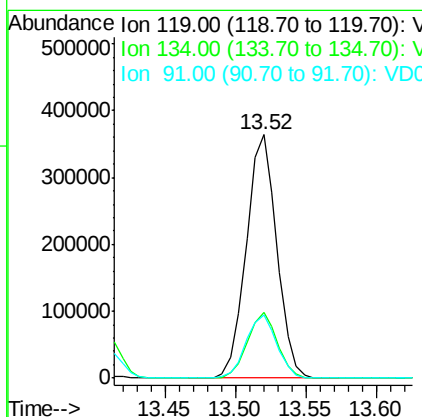
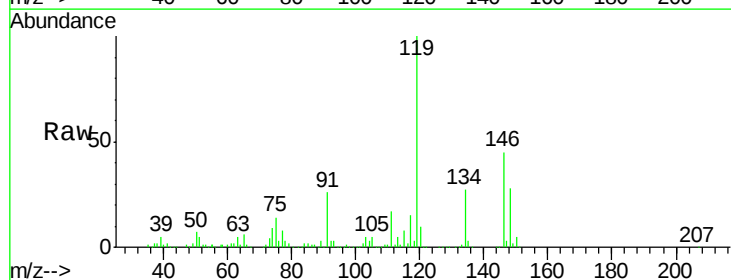
Manual Integrations
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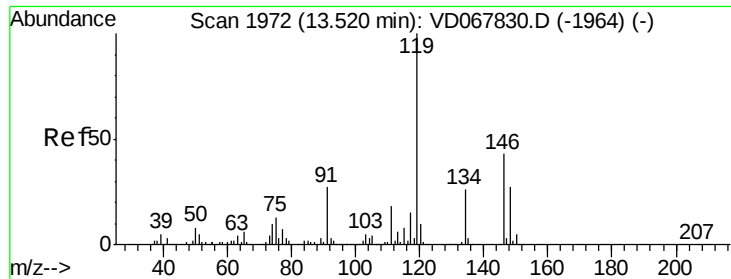
MMDadoda
 12/4/2020 11:26:28 AM



#86
 p-Isopropyltoluene
 Concen: 51.816 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067857.D
 Acq: 03 Dec 2020 09:51

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.1	39.3
91	26.0	12.8	38.3





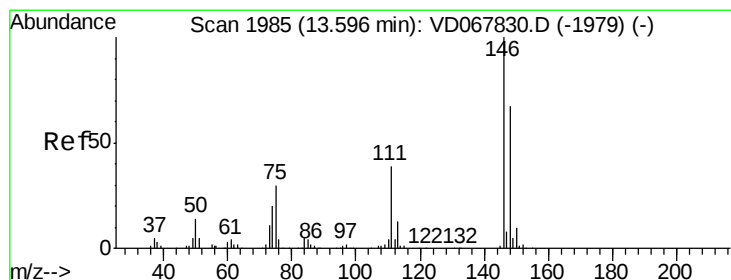
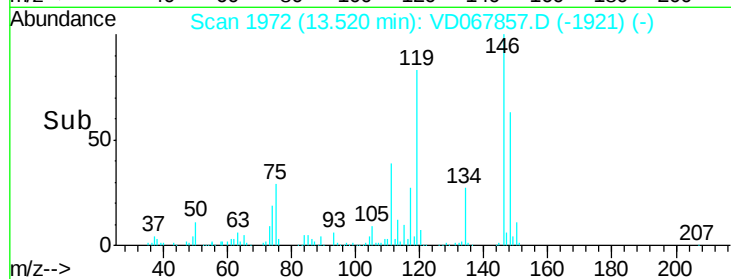
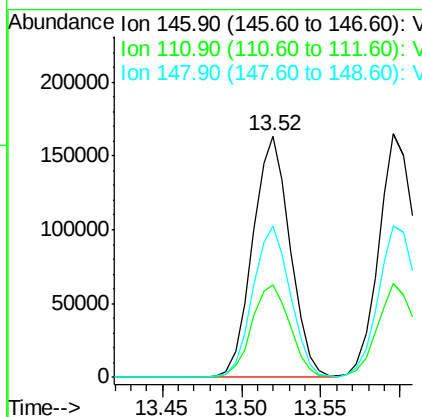
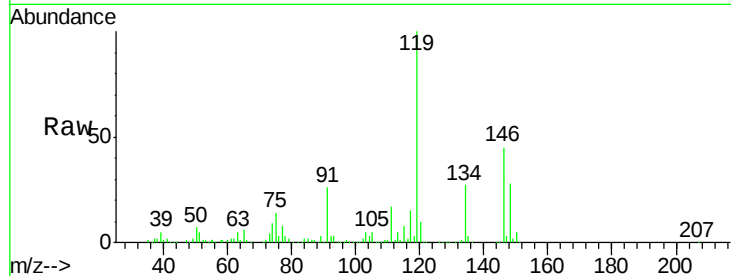
#87
 1,3-Dichlorobenzene
 Concen: 50.640 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067857.D
 Acq: 03 Dec 2020 09:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	268113		
111	39.4	20.8	62.2	
148	62.6	32.9	98.6	

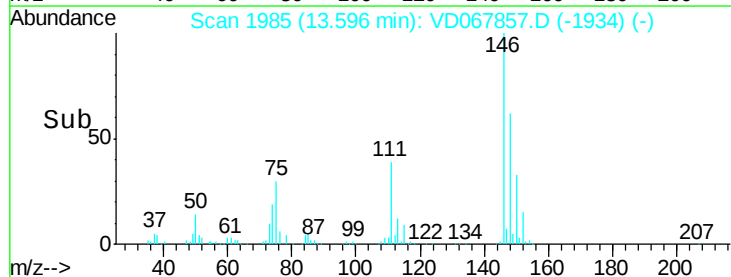
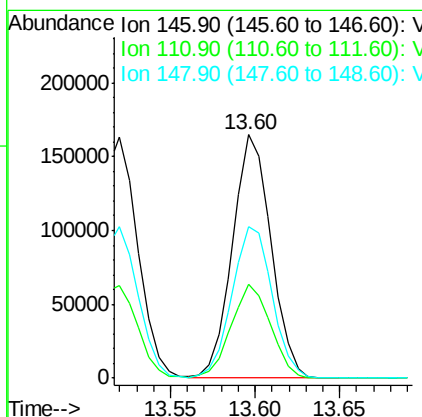
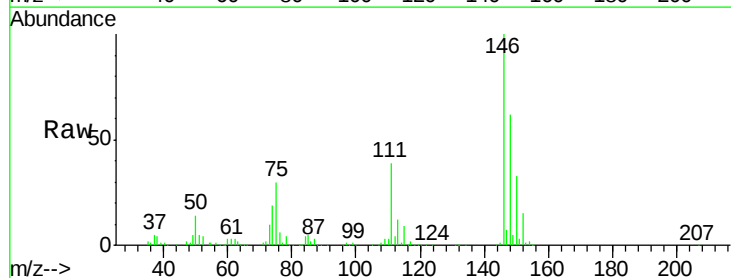
Manual Integrations
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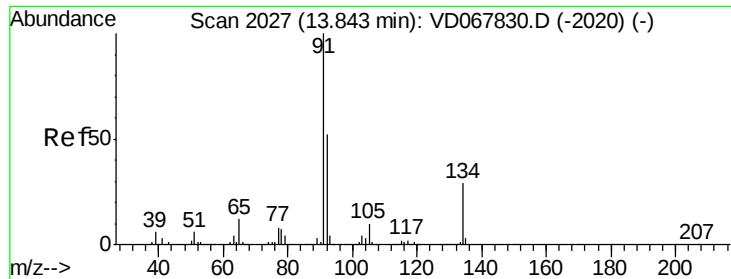
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 49.601 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD067857.D
 Acq: 03 Dec 2020 09:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	262729		
111	39.4	19.9	59.6	
148	64.6	32.4	97.2	





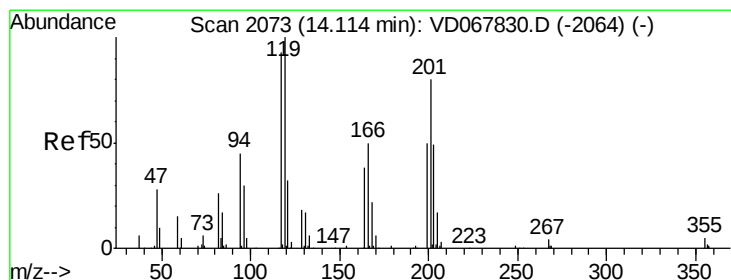
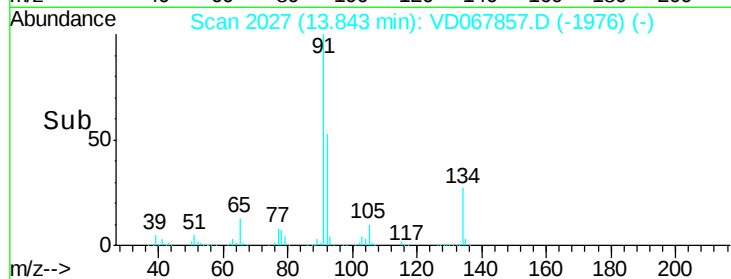
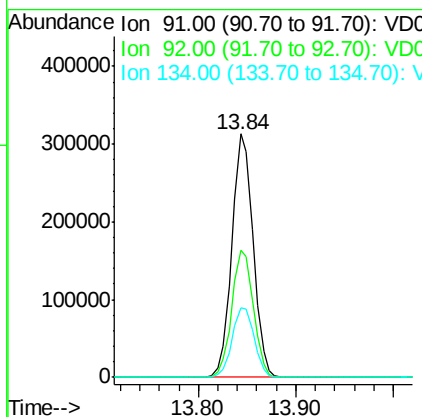
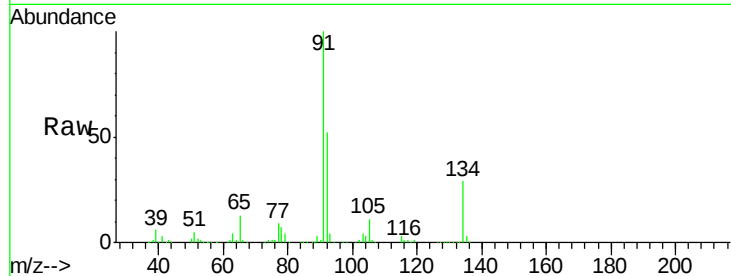
#89
n-Butylbenzene
Concen: 53.292 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.3	78.8
134	29.9	14.8	44.3

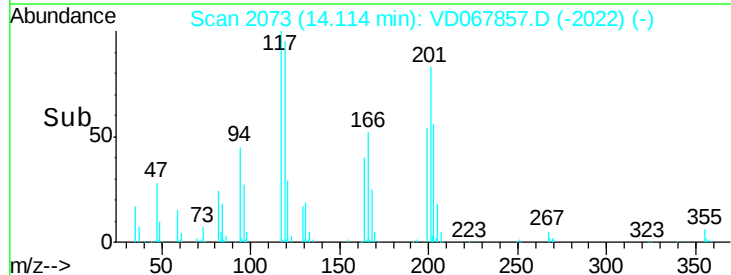
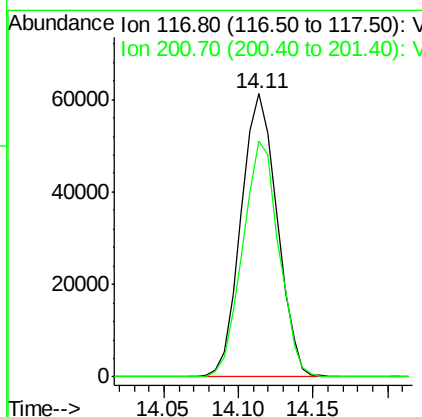
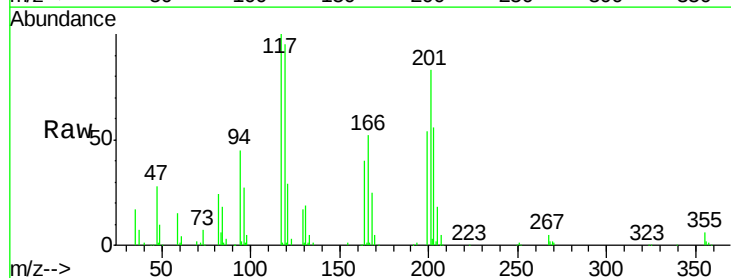
Manual Integrations
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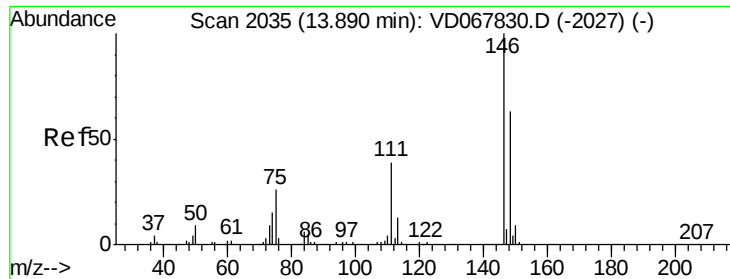
MMDadoda
12/4/2020 11:26:28 AM



#90
Hexachloroethane
Concen: 52.331 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.2	43.9	131.6





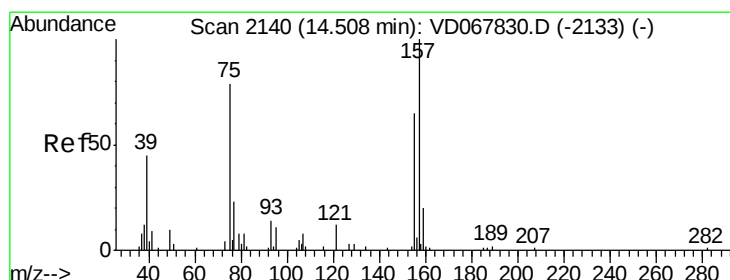
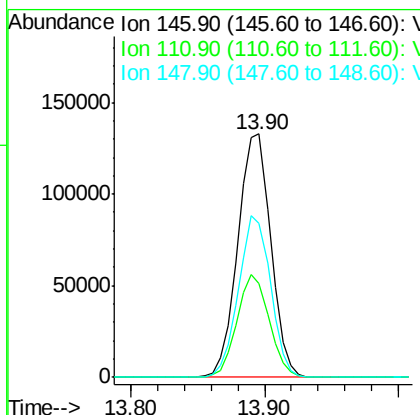
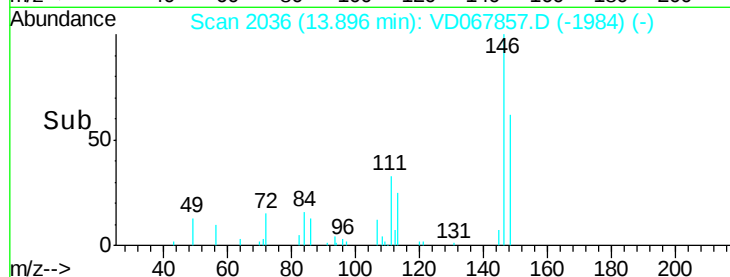
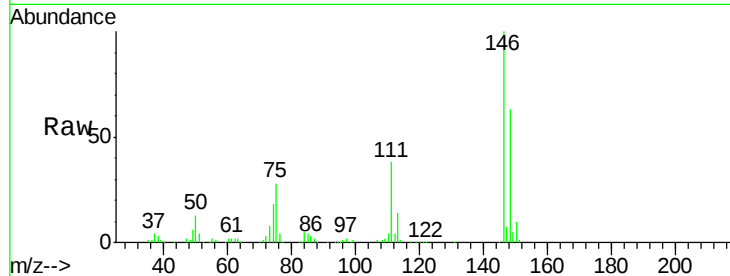
#91
 1,2-Dichlorobenzene
 Concen: 49.383 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD067857.D
 Acq: 03 Dec 2020 09:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.4	61.2
148	64.7	32.1	96.3

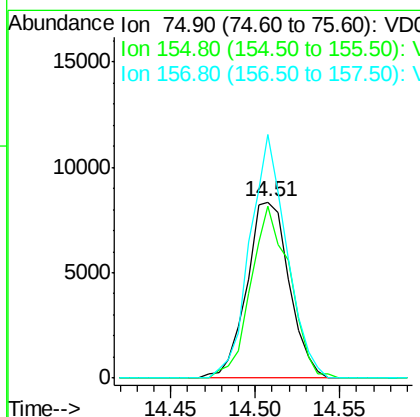
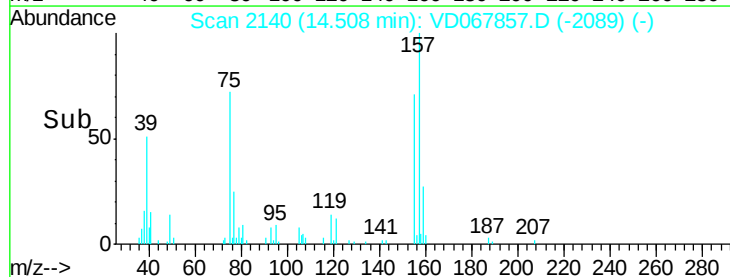
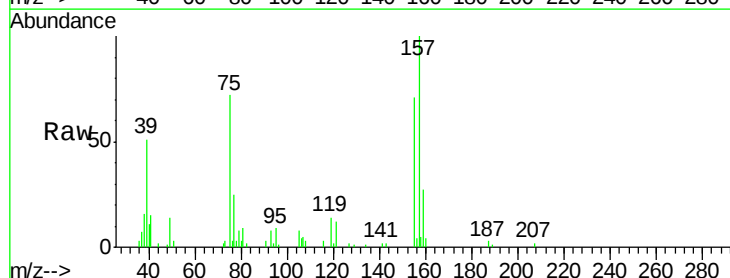
Manual Integrations
 APPROVED

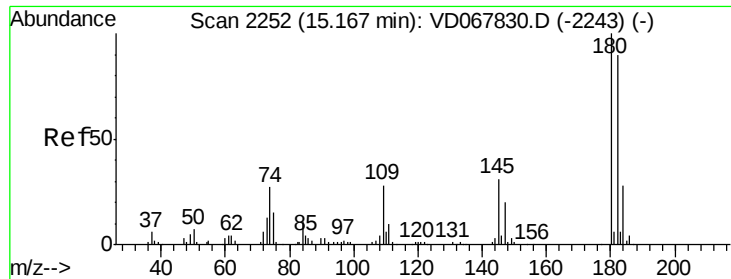
MMDadoda
 12/4/2020 11:26:28 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.801 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD067857.D
 Acq: 03 Dec 2020 09:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.0	44.1	132.4
157	120.3	62.4	187.2





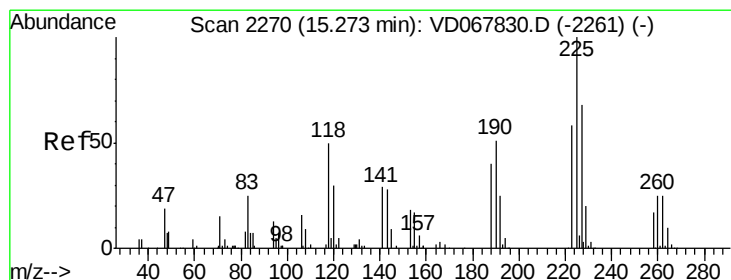
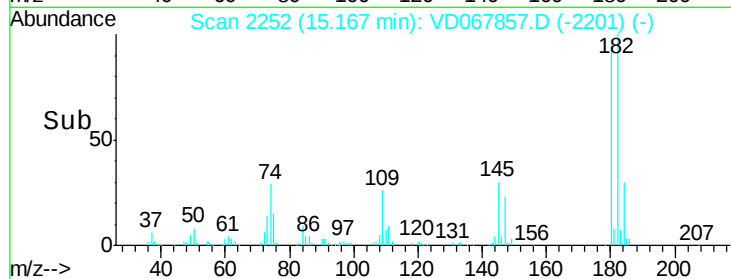
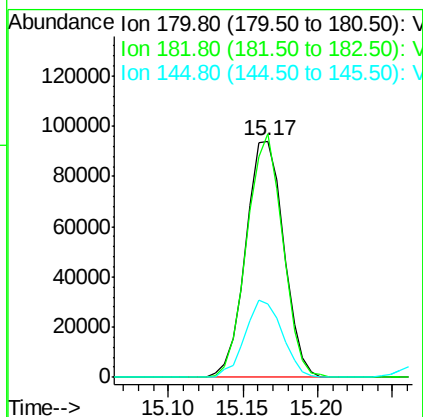
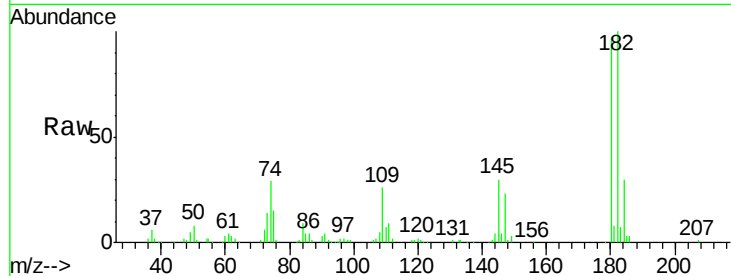
#93
1,2,4-Trichlorobenzene
Concen: 51.541 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.5	142.6
145	32.2	16.4	49.4

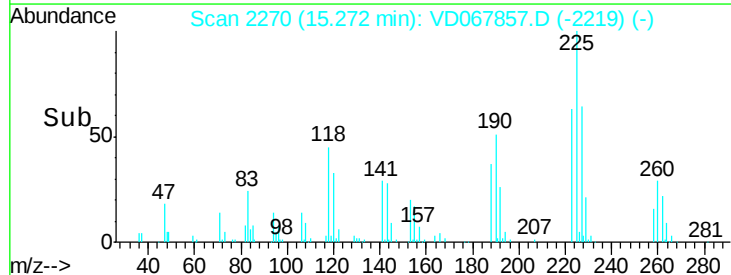
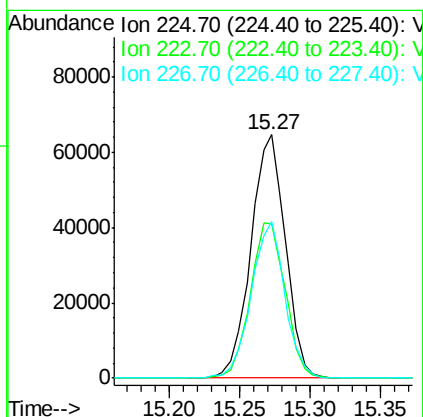
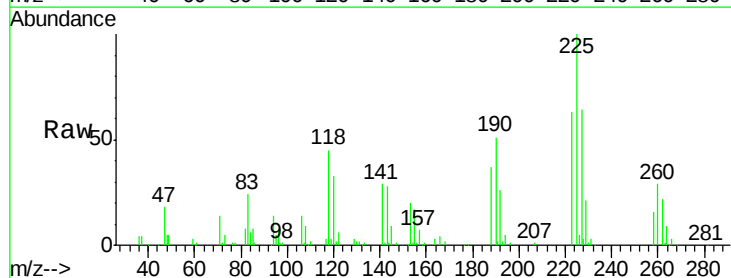
Manual Integrations
APPROVED

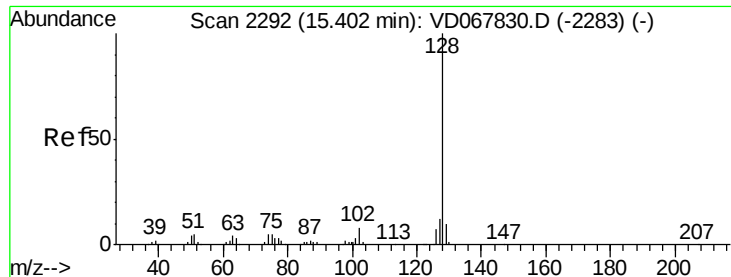
MMDadoda
12/4/2020 11:26:28 AM



#94
Hexachlorobutadiene
Concen: 52.984 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VD067857.D
Acq: 03 Dec 2020 09:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.1	93.3
227	62.7	33.1	99.3





#95

Naphthalene

Concen: 50.553 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.00 min

Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

Instrument :

MSVOA_D

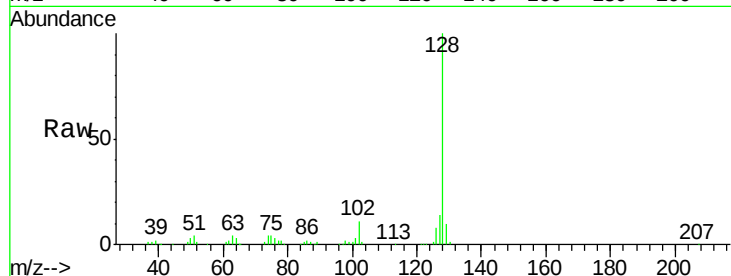
ClientSampleId :

VSTDCCC050

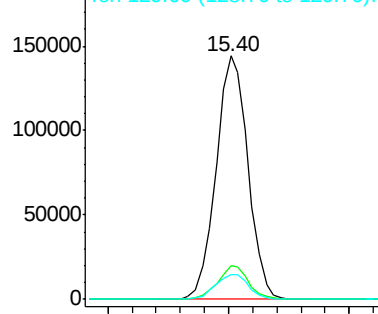
Tot Ion:	128	Resp:	264227
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	10.8	9.0	13.6

Manual Integrations
APPROVED

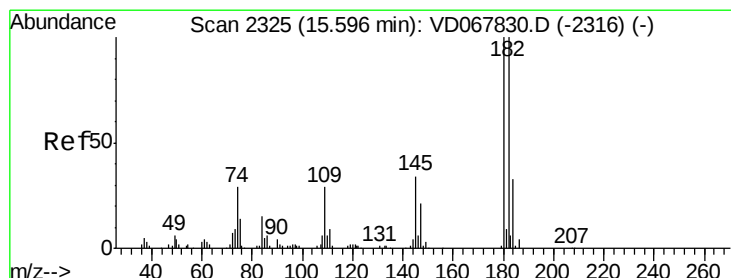
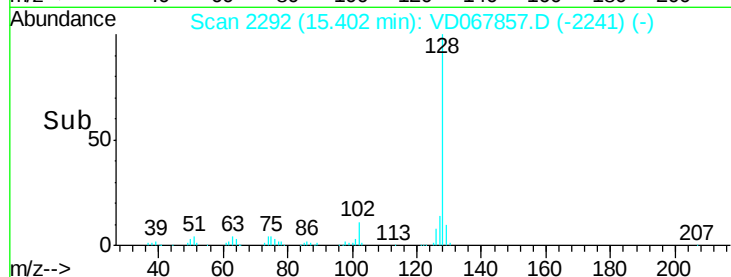
MMDadoda
12/4/2020 11:26:28 AM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 51.052 ug/l

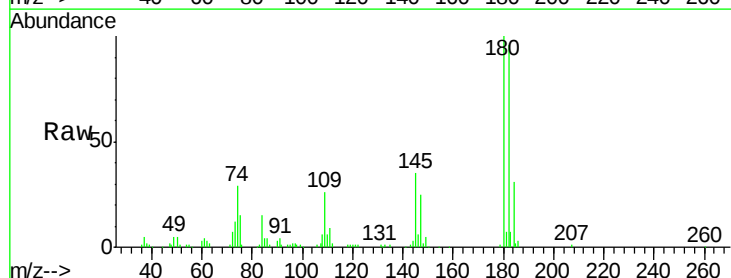
RT: 15.60 min Scan# 2325

Delta R.T. -0.00 min

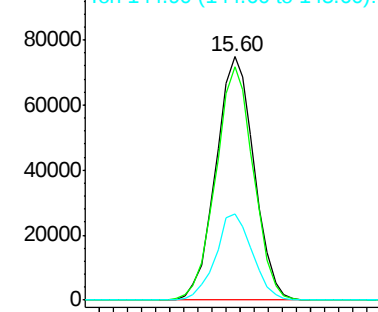
Lab File: VD067857.D

Acq: 03 Dec 2020 09:51

Tgt Ion:	180	Resp:	141612
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.3	142.0
145	34.1	16.8	50.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time-->

