

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
 Data File : VD068583.D
 Acq On : 11 Mar 2021 14:17
 Operator : VA/SY
 Sample : MDL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL01

Manual Integrations
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MMDadoda
 3/12/2021 2:01:27 PM

Quant Time: Mar 12 00:51:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 00:51:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	257190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	447763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	404784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	188089	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	125746	48.93	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.86%
35) Dibromofluoromethane	7.920	113	133500	49.49	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.98%
50) Toluene-d8	10.343	98	511886	47.65	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.30%
62) 4-Bromofluorobenzene	12.631	95	160903	46.47	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.94%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	7128	2.86	ug/l	91
3) Chloromethane	2.214	50	8404	2.66	ug/l	92
4) Vinyl Chloride	2.350	62	9778	2.61	ug/l	90
5) Bromomethane	2.773	94	8697	3.26	ug/l	99
6) Chloroethane	2.926	64	5975	2.47	ug/l #	83
7) Trichlorofluoromethane	3.279	101	13433	3.14	ug/l	98
8) Diethyl Ether	3.720	74	2545	2.00	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.097	101	7585	2.91	ug/l #	70
10) Methyl Iodide	4.308	142	5783	2.09	ug/l #	90
11) Tert butyl alcohol	5.220	59	4125m	30.07	ug/l	
12) 1,1-Dichloroethene	4.067	96	7058	2.73	ug/l #	63
13) Acrolein	3.920	56	1733	8.84	ug/l	85
14) Allyl chloride	4.732	41	9187	2.75	ug/l	97
15) Acrylonitrile	5.420	53	7489	13.95	ug/l #	87
16) Acetone	4.167	43	6202	15.19	ug/l	95
17) Carbon Disulfide	4.420	76	22251	2.63	ug/l #	90
18) Methyl Acetate	4.714	43	2936m	2.79	ug/l	
19) Methyl tert-butyl Ether	5.473	73	15902	2.84	ug/l #	86
20) Methylene Chloride	4.967	84	21638	6.25	ug/l #	80
21) trans-1,2-Dichloroethene	5.473	96	9601	3.11	ug/l	91
22) Diisopropyl ether	6.367	45	17185	2.34	ug/l	97
23) Vinyl Acetate	6.308	43	37935	9.96	ug/l	94
24) 1,1-Dichloroethane	6.267	63	13757	2.73	ug/l #	81
25) 2-Butanone	7.220	43	7884	13.44	ug/l #	74
26) 2,2-Dichloropropane	7.208	77	12204	2.91	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	8968	2.65	ug/l	92
28) Bromochloromethane	7.544	49	5317	2.71	ug/l #	85
29) Tetrahydrofuran	7.567	42	4682	12.29	ug/l	93
30) Chloroform	7.714	83	14820	2.79	ug/l	88
31) Cyclohexane	7.985	56	17316	3.71	ug/l #	88
32) 1,1,1-Trichloroethane	7.902	97	11914	2.63	ug/l #	91
36) 1,1-Dichloropropene	8.114	75	11264	2.65	ug/l	96
37) Ethyl Acetate	7.285	43	3589	2.54	ug/l #	91
38) Carbon Tetrachloride	8.096	117	11043	2.76	ug/l	92
39) Methylcyclohexane	9.361	83	12764	2.43	ug/l	97
40) Benzene	8.355	78	31967	2.62	ug/l #	90

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Quant Time: Mar 12 00:51:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 00:51:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	1959m	2.39	ug/l	
42) 1,2-Dichloroethane	8.426	62	8874	2.76	ug/l	93
43) Isopropyl Acetate	8.449	43	6153	2.37	ug/l	93
44) Trichloroethene	9.120	130	9054	2.70	ug/l	92
45) 1,2-Dichloropropane	9.390	63	8184	2.80	ug/l #	84
46) Dibromomethane	9.479	93	4073	2.57	ug/l	93
47) Bromodichloromethane	9.661	83	10612	2.58	ug/l #	91
48) Methyl methacrylate	9.455	41	3056	2.21	ug/l #	80
49) 1,4-Dioxane	9.461	88	341	18.83	ug/l #	12
51) 4-Methyl-2-Pentanone	10.232	43	14466	10.65	ug/l	100
52) Toluene	10.402	92	20111	2.58	ug/l	91
53) t-1,3-Dichloropropene	10.620	75	10289	2.71	ug/l	89
54) cis-1,3-Dichloropropene	10.090	75	12059	2.60	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	6409	2.92	ug/l #	92
56) Ethyl methacrylate	10.667	69	5816	2.30	ug/l	95
57) 1,3-Dichloropropane	10.949	76	9784	2.55	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.943	63	14893	11.75	ug/l	95
59) 2-Hexanone	10.985	43	10424	11.51	ug/l	89
60) Dibromochloromethane	11.137	129	6753	2.48	ug/l	99
61) 1,2-Dibromoethane	11.243	107	5532	2.57	ug/l	91
64) Tetrachloroethene	10.879	164	8760	3.31	ug/l	92
65) Chlorobenzene	11.673	112	21593	2.62	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.737	131	7696	2.69	ug/l	93
67) Ethyl Benzene	11.743	91	36019	2.45	ug/l	98
68) m/p-Xylenes	11.855	106	27654	4.95	ug/l	98
69) o-Xylene	12.179	106	12771	2.48	ug/l	97
70) Styrene	12.196	104	21027	2.39	ug/l	94
71) Bromoform	12.361	173	3721	2.56	ug/l #	99
73) Isopropylbenzene	12.479	105	32474	2.33	ug/l	94
74) N-amyl acetate	12.290	43	4709	1.98	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.726	83	5794	2.41	ug/l	97
76) 1,2,3-Trichloropropane	12.784	75	3215m	1.93	ug/l	
77) Bromobenzene	12.761	156	8597	2.70	ug/l	94
78) n-propylbenzene	12.820	91	42502	2.55	ug/l	98
79) 2-Chlorotoluene	12.902	91	23029	2.49	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	28549	2.50	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	2106m	2.94	ug/l	
82) 4-Chlorotoluene	13.002	91	23595	2.42	ug/l	100
83) tert-Butylbenzene	13.220	119	21873	2.25	ug/l	92
84) 1,2,4-Trimethylbenzene	13.267	105	26822	2.34	ug/l	97
85) sec-Butylbenzene	13.396	105	33315	2.42	ug/l	99
86) p-Isopropyltoluene	13.514	119	30214	2.42	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	16926	2.75	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	17408	2.86	ug/l	87
89) n-Butylbenzene	13.843	91	28271	2.35	ug/l	100
90) Hexachloroethane	14.108	117	6073	2.45	ug/l	93
91) 1,2-Dichlorobenzene	13.884	146	14070	2.67	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	1245	2.94	ug/l	68
93) 1,2,4-Trichlorobenzene	15.161	180	10768	2.64	ug/l	91
94) Hexachlorobutadiene	15.261	225	6115	2.70	ug/l	97
95) Naphthalene	15.396	128	17792	2.41	ug/l	97
96) 1,2,3-Trichlorobenzene	15.590	180	9708	2.75	ug/l	98

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MDL01

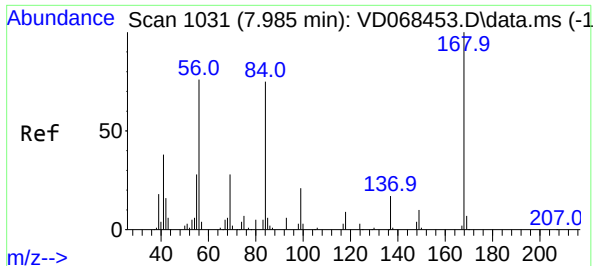
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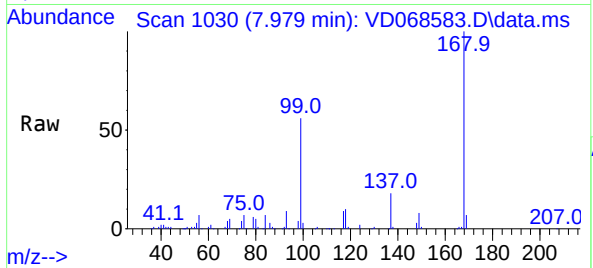
Quant Time: Mar 12 00:51:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 12 00:51:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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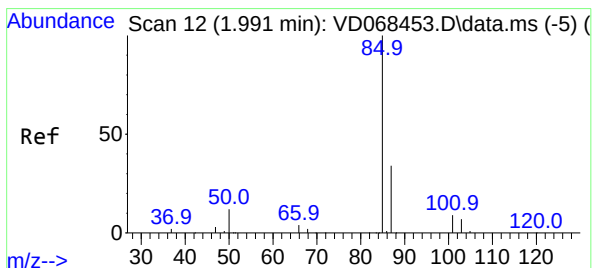
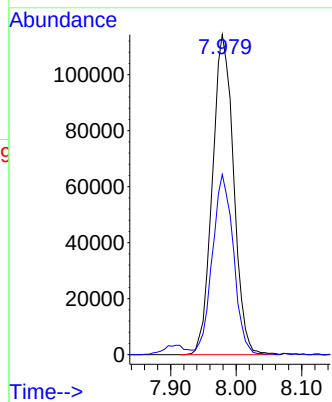
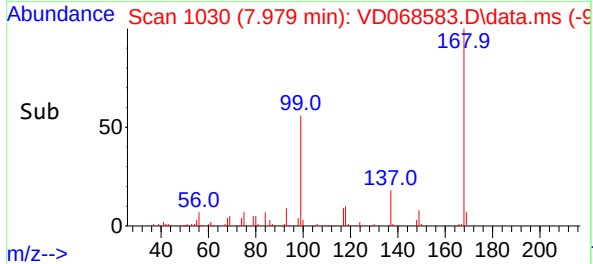
(#) = qualifier out of range (m) = manual integration (+) = signals summed



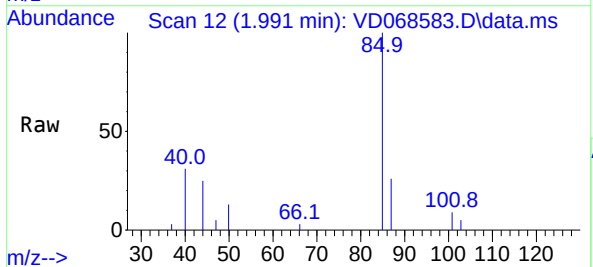
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



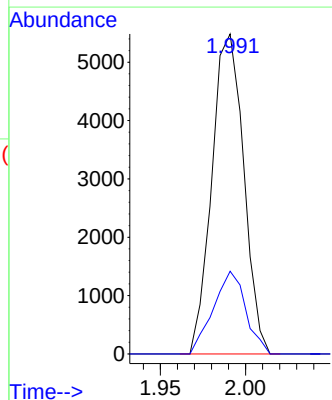
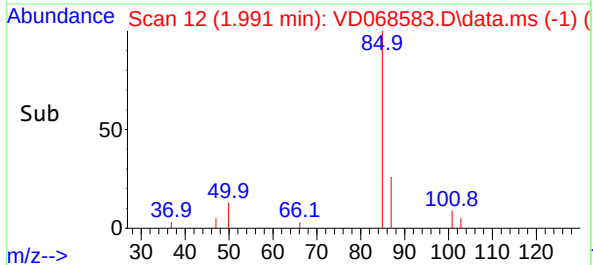
Tgt Ion:168 Resp: 257190
Ion Ratio Lower Upper
168 100
99 56.2 43.5 65.3



Dichlorodifluoromethane
Concen: 2.86 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



Tgt Ion: 85 Resp: 7128
Ion Ratio Lower Upper
85 100
87 25.8 15.4 46.1

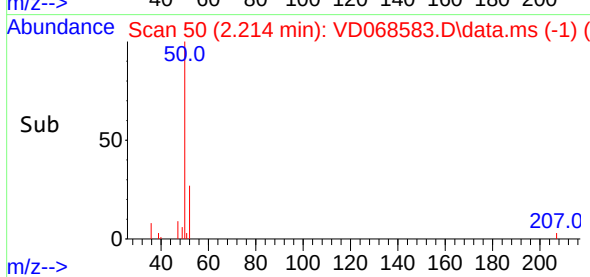
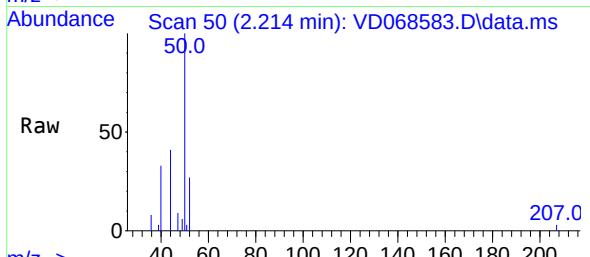
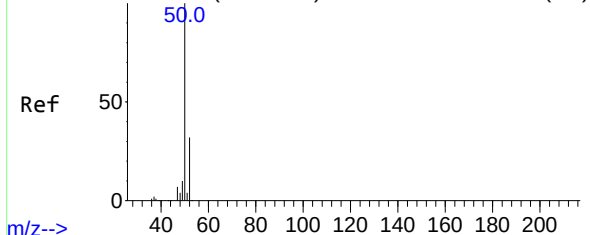


Instrument :
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ClientSampleId :
MDL01

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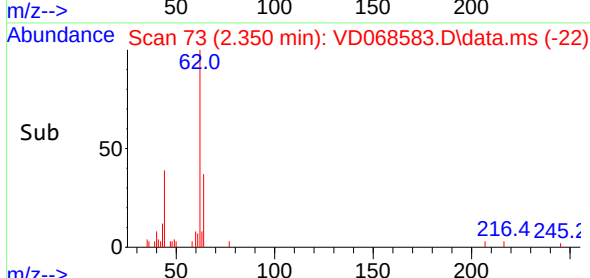
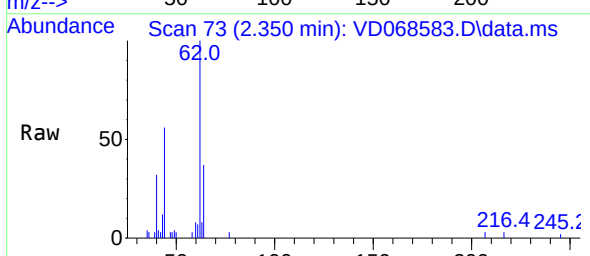
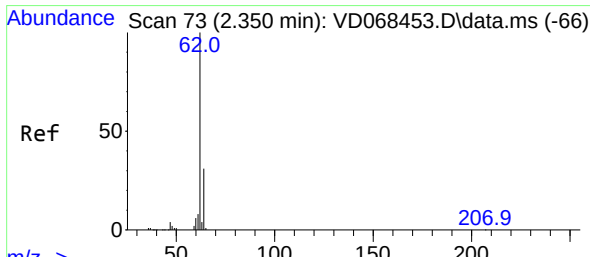
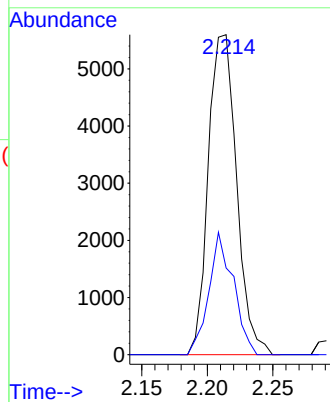
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Abundance Scan 49 (2.208 min): VD068453.D\data.ms (-42)



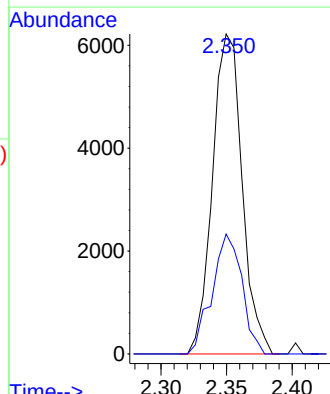
#3
Chloromethane
Concen: 2.66 ug/l
RT: 2.214 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 50 Resp: 8404
Ion Ratio Lower Upper
50 100
52 27.1 25.4 38.2



#4
Vinyl Chloride
Concen: 2.61 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

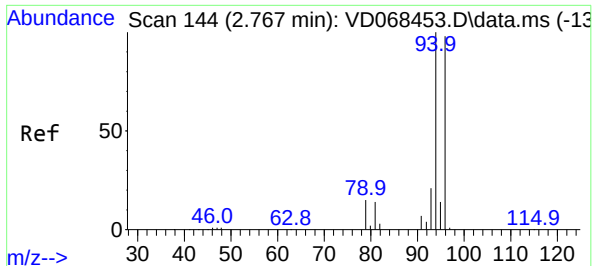
Tgt Ion: 62 Resp: 9778
Ion Ratio Lower Upper
62 100
64 37.4 25.4 38.2



Instrument :
MSVOA_D
ClientSampled :
MDL01

Manual Integrations
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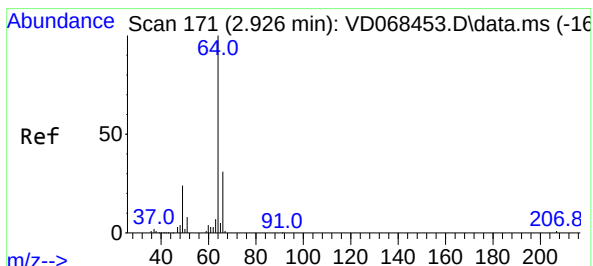
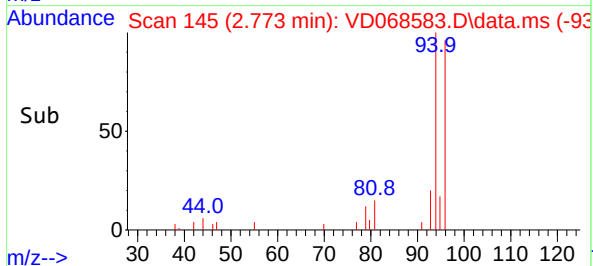
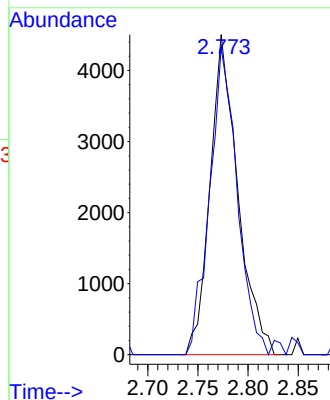
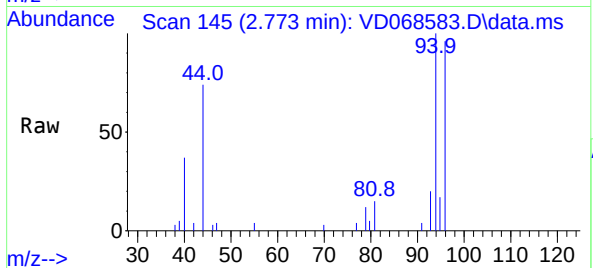
#5
Bromomethane
Concen: 3.26 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 94 Resp: 8697
Ion Ratio Lower Upper
94 100
96 96.0 75.8 113.8

Instrument :
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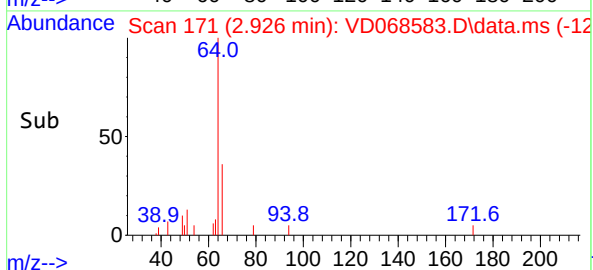
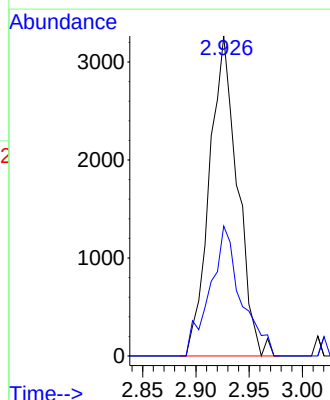
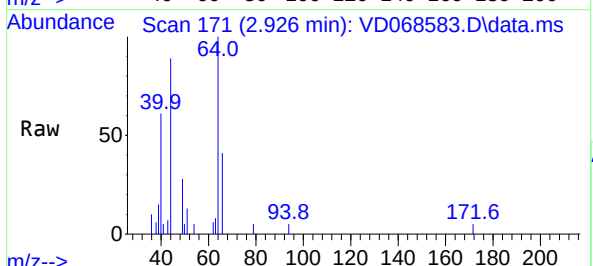
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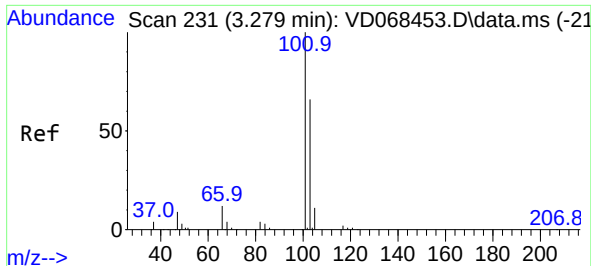
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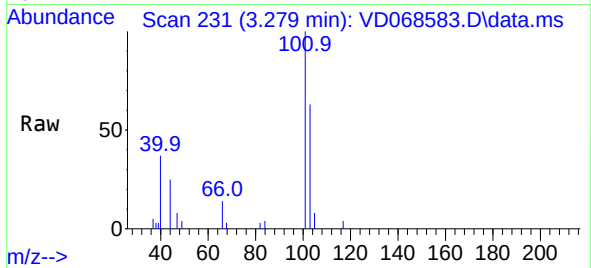
#6
Chloroethane
Concen: 2.47 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 64 Resp: 5975
Ion Ratio Lower Upper
64 100
66 40.6 25.1 37.7#

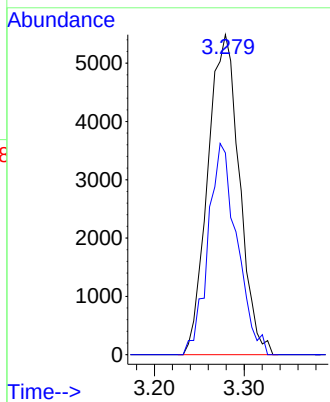
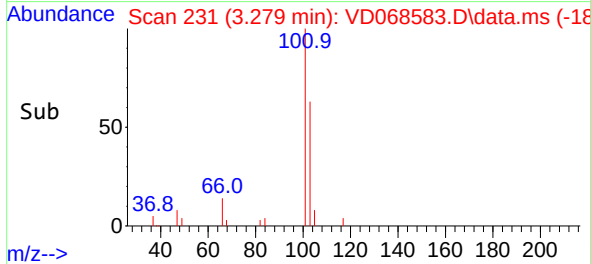




#7
Trichlorofluoromethane
Concen: 3.14 ug/l
RT: 3.279 min Scan# 231
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



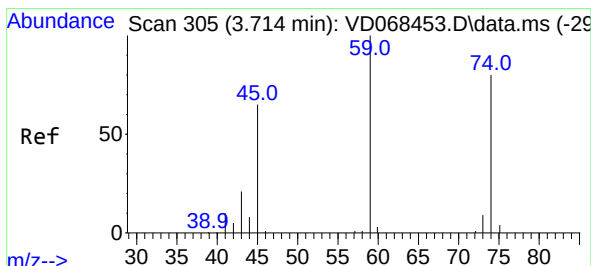
Tgt Ion:101 Resp: 13433
Ion Ratio Lower Upper
101 100
103 63.1 52.0 78.0



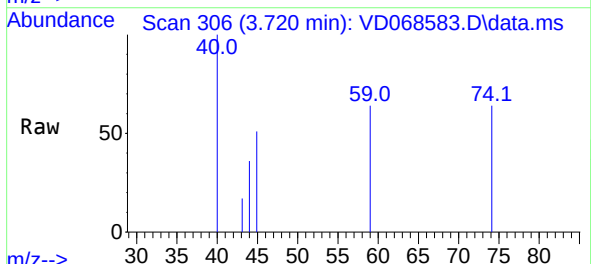
Instrument :
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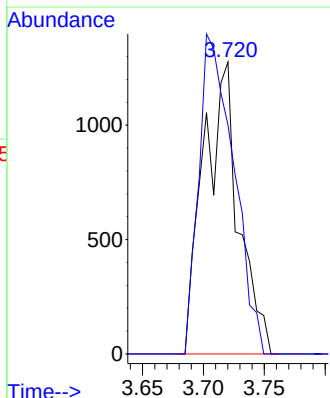
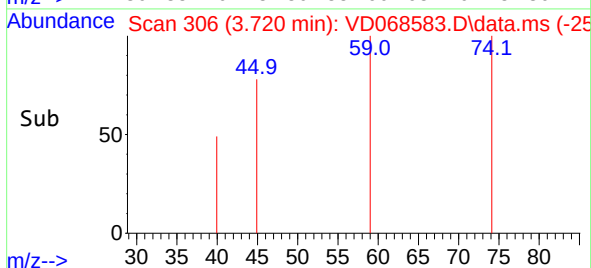
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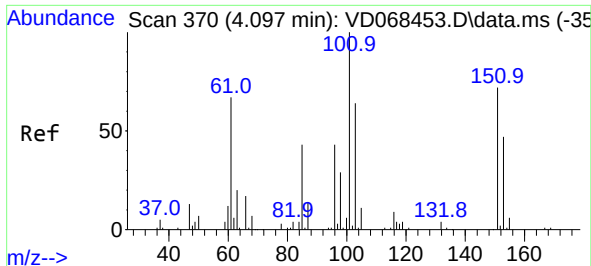


#8
Diethyl Ether
Concen: 2.00 ug/l
RT: 3.720 min Scan# 306
Delta R.T. 0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



Tgt Ion: 74 Resp: 2545
Ion Ratio Lower Upper
74 100
45 109.2 42.1 126.4





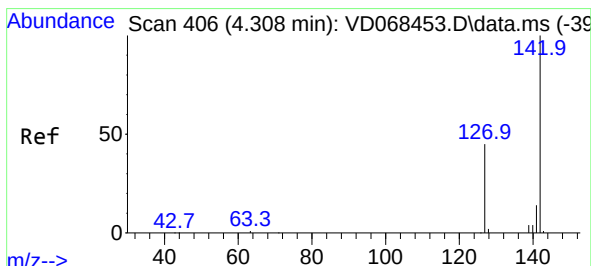
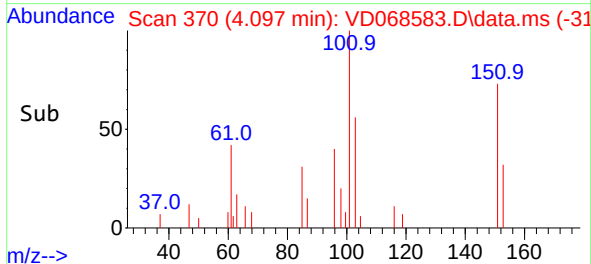
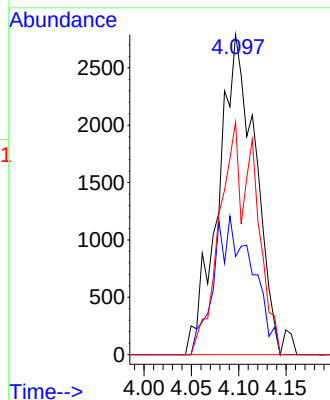
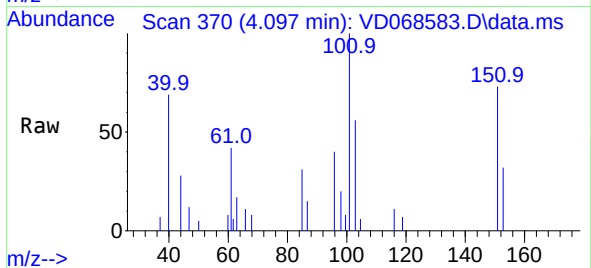
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.91 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion:101 Resp: 7585
Ion Ratio Lower Upper
101 100
85 45.0 34.0 51.0
151 41.9 64.1 96.1#

Instrument :
MSVOA_D
ClientSampled :
MDL01

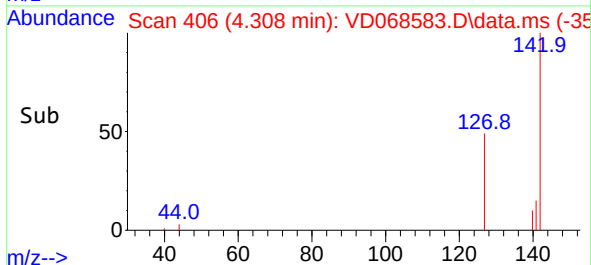
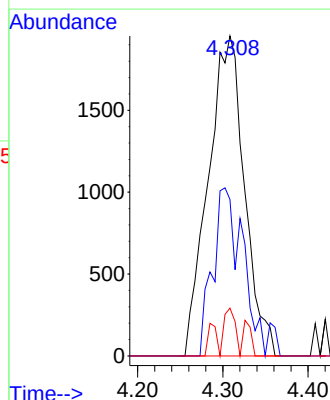
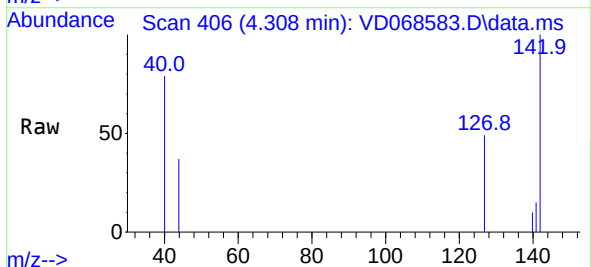
Manual Integrations
APPROVED

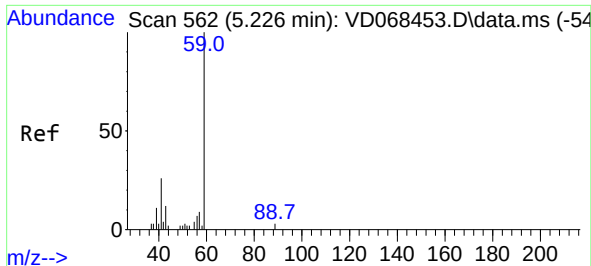
MMDadoda
3/12/2021 2:01:27 PM



#10
Methyl Iodide
Concen: 2.09 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion:142 Resp: 5783
Ion Ratio Lower Upper
142 100
127 43.3 37.9 56.9
141 4.6 11.5 17.3#





#11

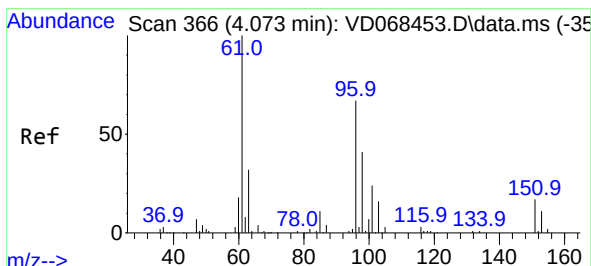
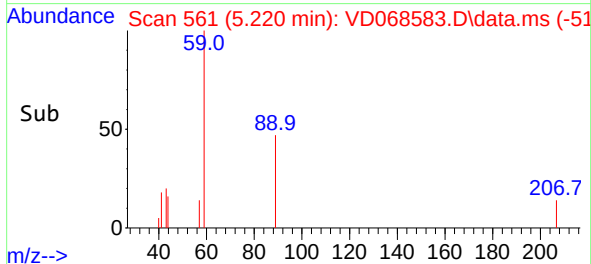
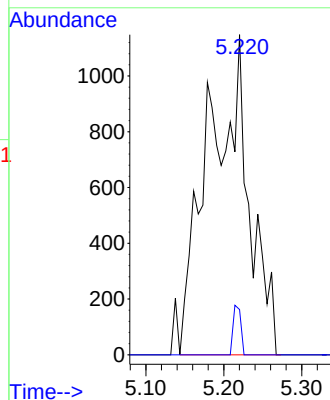
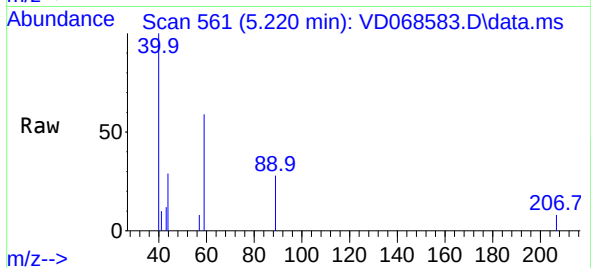
Tert butyl alcohol
Concen: 30.07 ug/l m
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 59 Resp: 4125
Ion Ratio Lower Upper
59 100
57 2.9 7.4 11.2#

Instrument :
MSVOA_D
ClientSampled :
MDL01

Manual Integrations
APPROVED

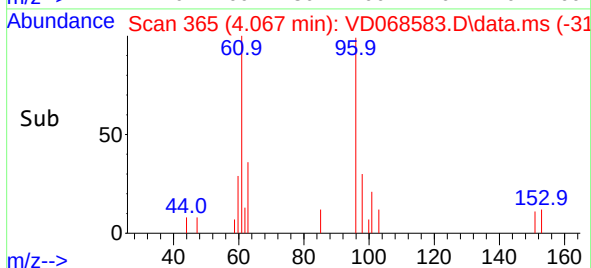
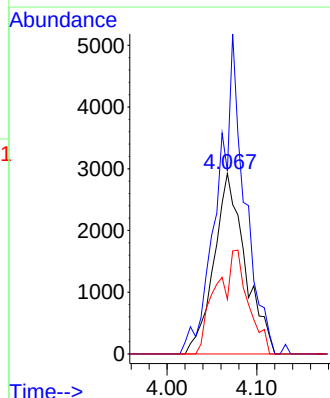
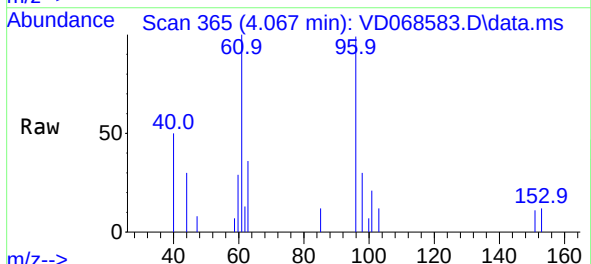
MMDadoda
3/12/2021 2:01:27 PM

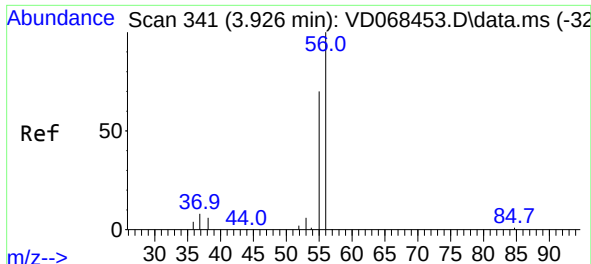


#12

1,1-Dichloroethene
Concen: 2.73 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

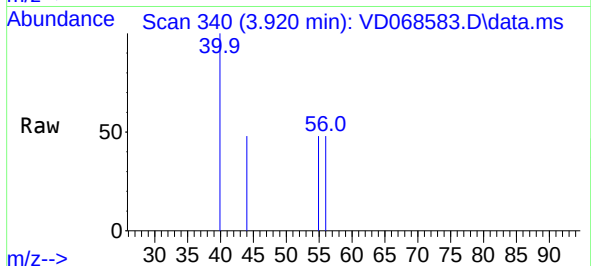
Tgt Ion: 96 Resp: 7058
Ion Ratio Lower Upper
96 100
61 101.3 116.2 174.4#
98 30.3 48.6 73.0#





#13
Acrolein
Concen: 8.84 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

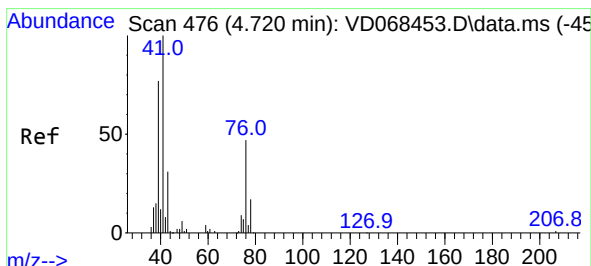
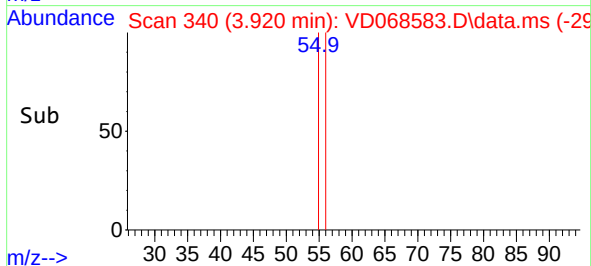
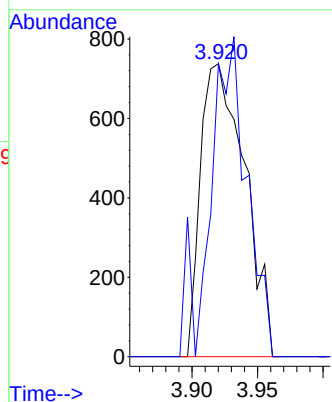
Instrument :
MSVOA_D
ClientSampled :
MDL01



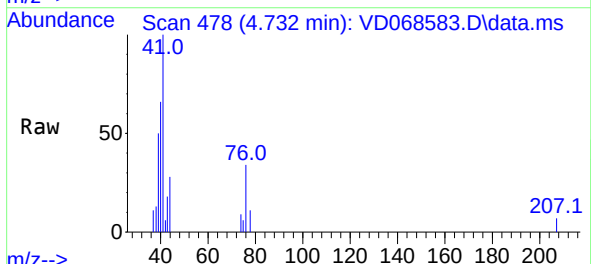
Tgt Ion: 56 Resp: 1733
Ion Ratio Lower Upper
56 100
55 83.2 56.5 84.7

Manual Integrations
APPROVED

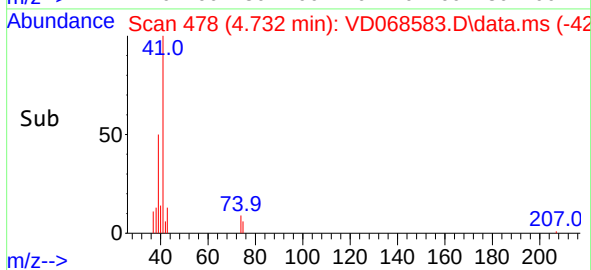
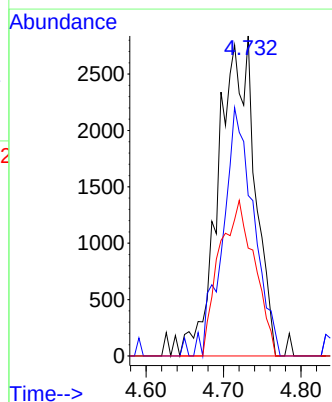
MMDadoda
3/12/2021 2:01:27 PM

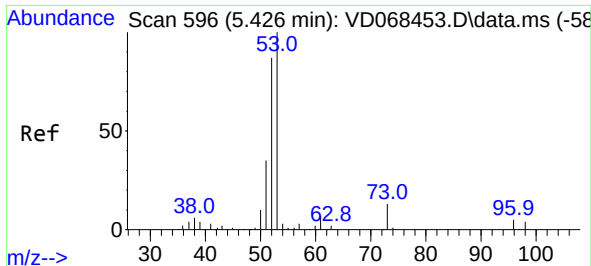


#14
Allyl chloride
Concen: 2.75 ug/l
RT: 4.732 min Scan# 478
Delta R.T. 0.012 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



Tgt Ion: 41 Resp: 9187
Ion Ratio Lower Upper
41 100
39 67.1 56.3 84.5
76 47.5 38.9 58.3





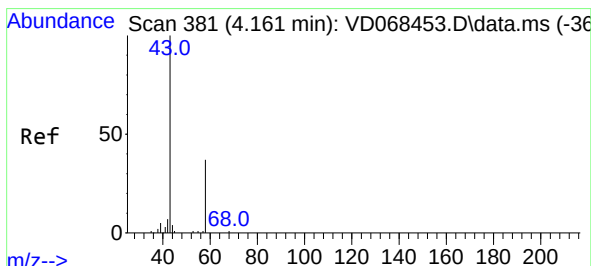
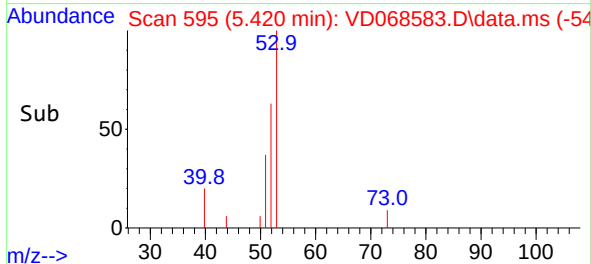
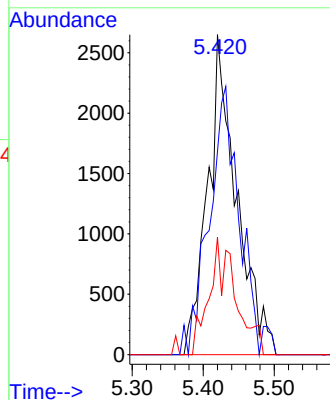
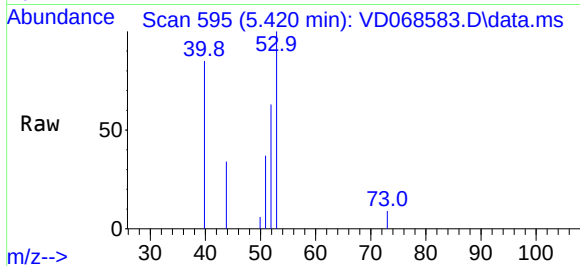
#15
Acrylonitrile
Concen: 13.95 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion:	53	Resp:	7489
Ion	Ratio	Lower	Upper
53	100		
52	86.0	66.2	99.2
51	16.2	29.0	43.4#

Instrument :
MSVOA_D
ClientSampleId :
MDL01

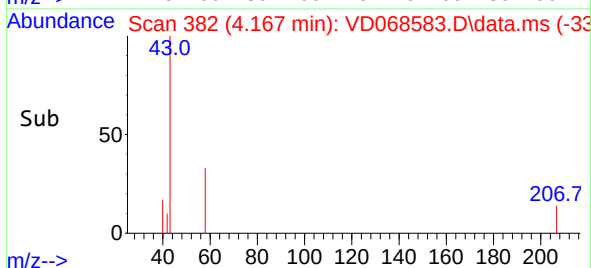
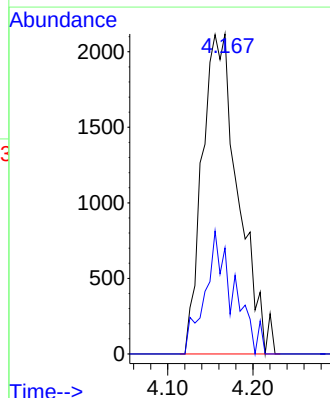
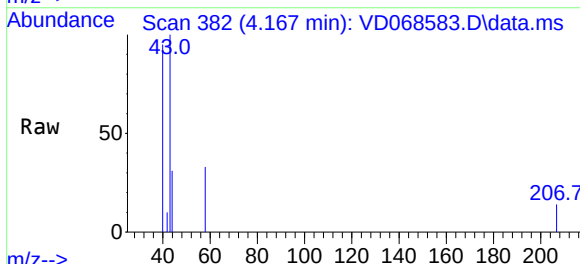
Manual Integrations
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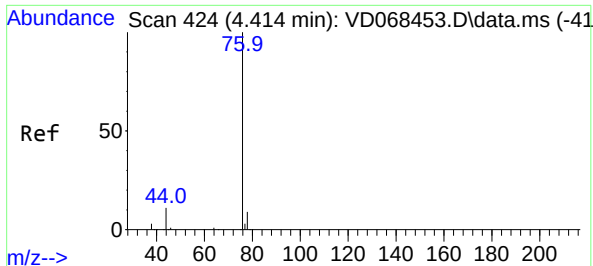
MMDadoda
3/12/2021 2:01:27 PM



#16
Acetone
Concen: 15.19 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion:	43	Resp:	6202
Ion	Ratio	Lower	Upper
43	100		
58	33.1	24.2	36.4





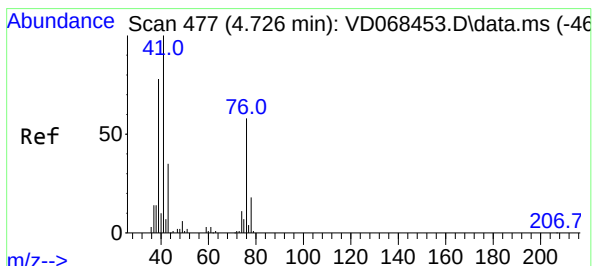
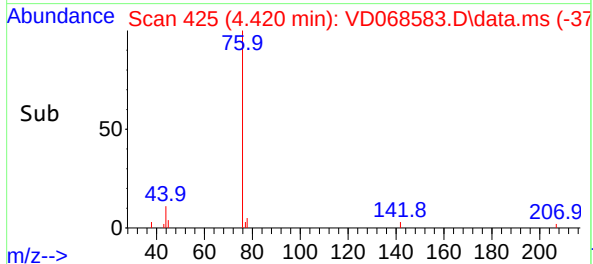
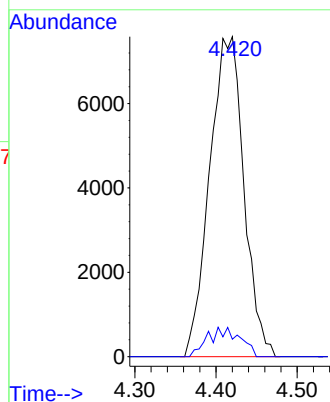
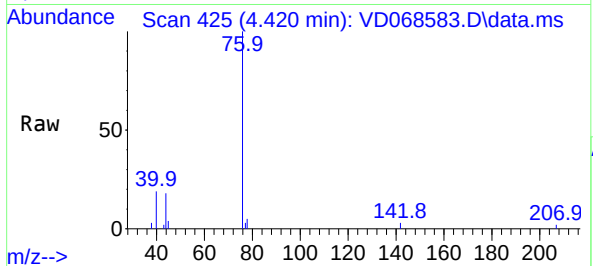
#17
Carbon Disulfide
Concen: 2.63 ug/l
RT: 4.420 min Scan# 425
Delta R.T. 0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 76 Resp: 22251
Ion Ratio Lower Upper
76 100
78 5.4 7.3 10.9#

Instrument :
MSVOA_D
ClientSampleId :
MDL01

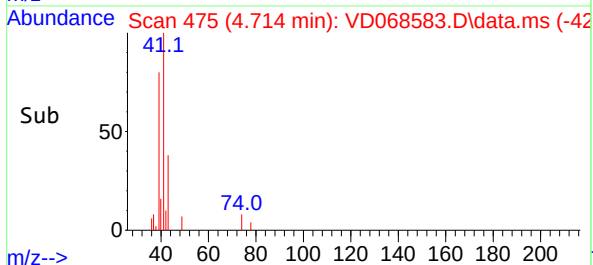
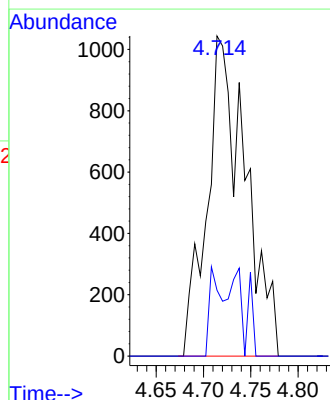
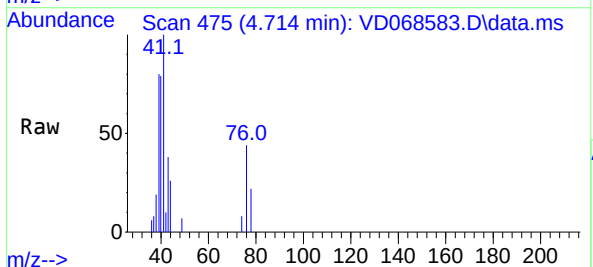
Manual Integrations
APPROVED

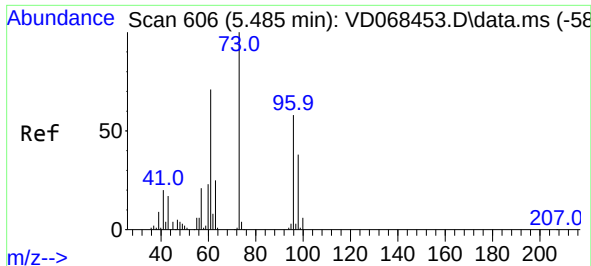
MMDadoda
3/12/2021 2:01:27 PM



#18
Methyl Acetate
Concen: 2.79 ug/l m
RT: 4.714 min Scan# 475
Delta R.T. -0.012 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

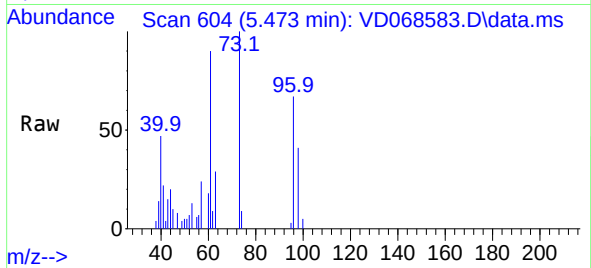
Tgt Ion: 43 Resp: 2936
Ion Ratio Lower Upper
43 100
74 8.2 25.4 38.0#





#19
Methyl tert-butyl Ether
Concen: 2.84 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.012 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

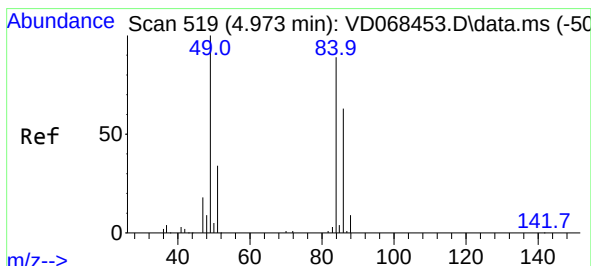
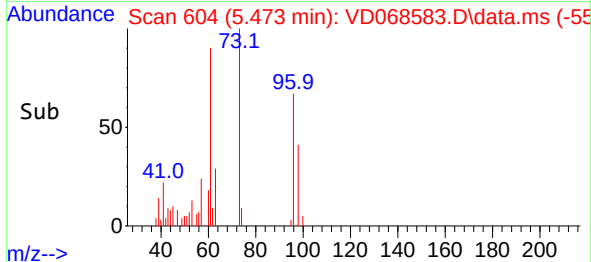
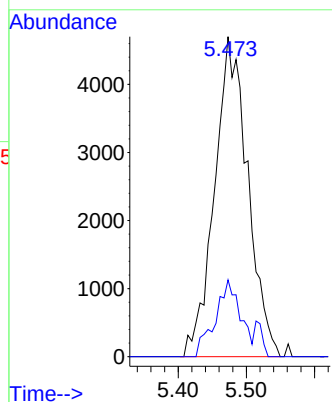
Instrument :
MSVOA_D
ClientSampled :
MDL01



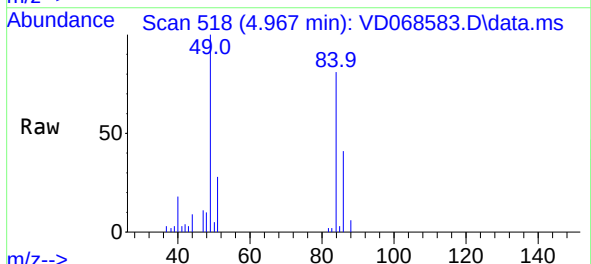
Tgt Ion: 73 Resp: 15902
Ion Ratio Lower Upper
73 100
57 24.0 14.4 21.6#

Manual Integrations
APPROVED

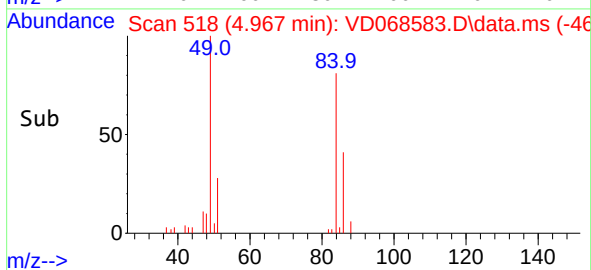
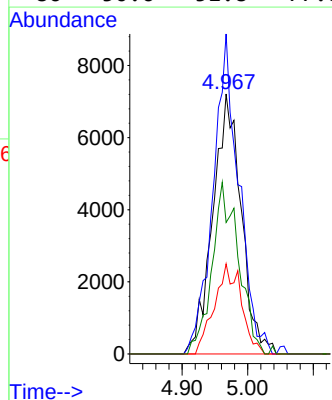
MMDadoda
3/12/2021 2:01:27 PM

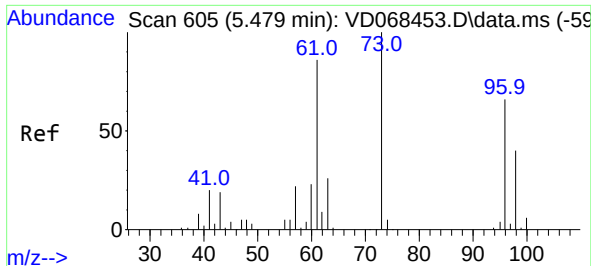


#20
Methylene Chloride
Concen: 6.25 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

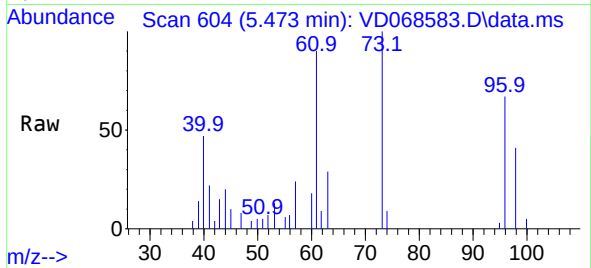


Tgt Ion: 84 Resp: 21638
Ion Ratio Lower Upper
84 100
49 123.1 77.4 116.2#
51 34.7 26.1 39.1
86 50.6 51.8 77.8#

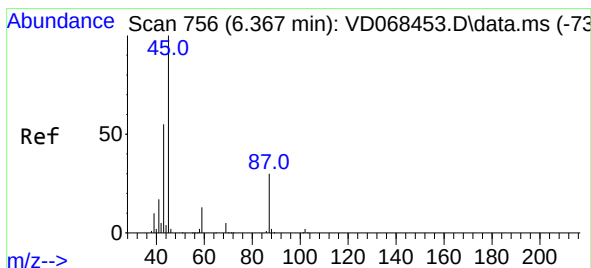
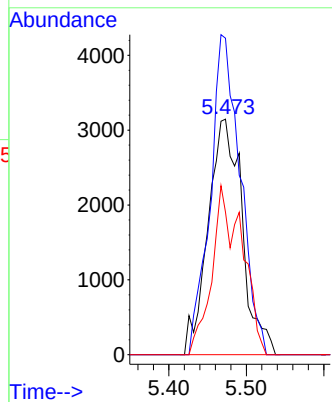
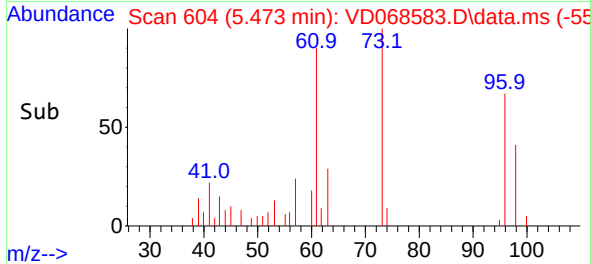




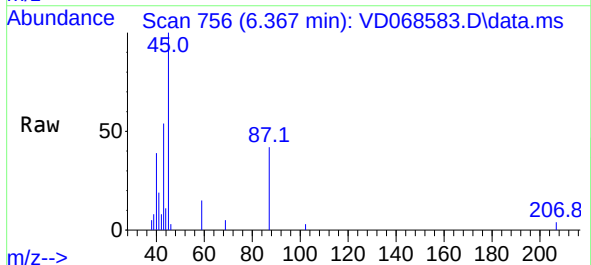
#21
trans-1,2-Dichloroethene
Concen: 3.11 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



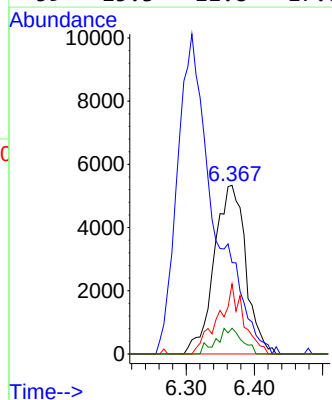
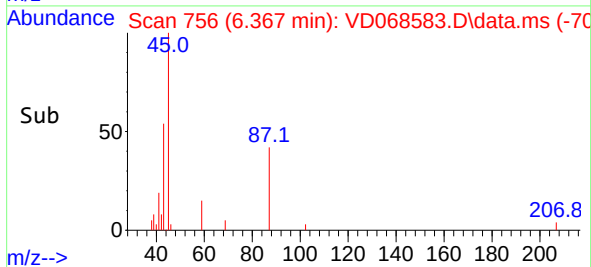
Tgt Ion: 96 Resp: 9601
Ion Ratio Lower Upper
96 100
61 134.4 96.7 145.1
98 60.6 47.6 71.4



#22
Diisopropyl ether
Concen: 2.34 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



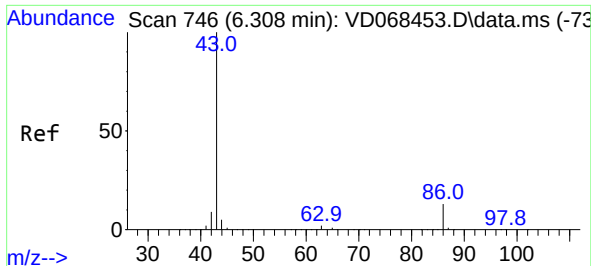
Tgt Ion: 45 Resp: 17185
Ion Ratio Lower Upper
45 100
43 54.2 43.9 65.9
87 41.5 29.9 44.9
59 15.3 11.8 17.8



Instrument :
MSVOA_D
ClientSampleId :
MDL01

Manual Integrations
APPROVED

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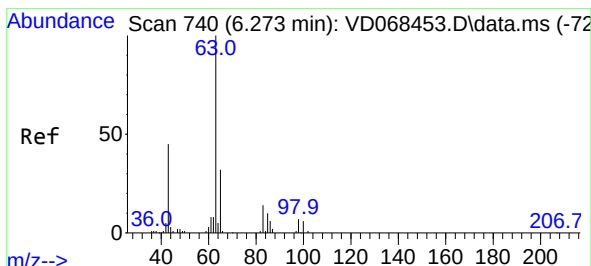
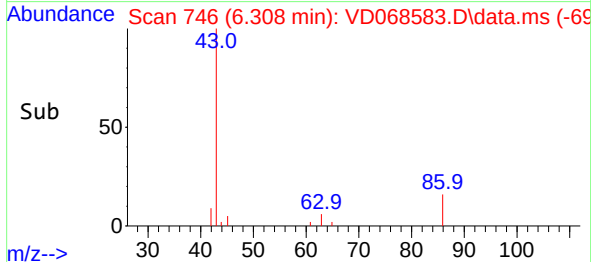
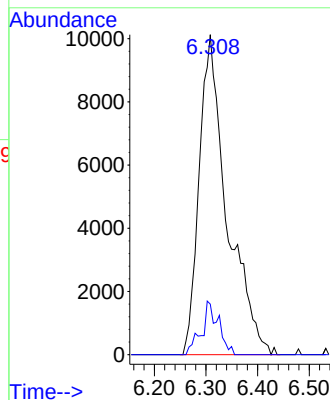
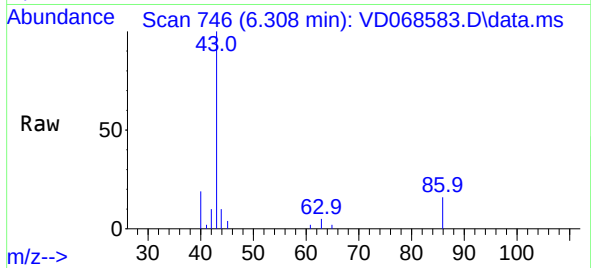
#23
 Vinyl Acetate
 Concen: 9.96 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068583.D
 Acq: 11 Mar 2021 14:17

Tgt Ion: 43 Resp: 37935
 Ion Ratio Lower Upper
 43 100
 86 15.8 10.8 16.2

Instrument :
 MSVOA_D
 ClientSampled :
 MDL01

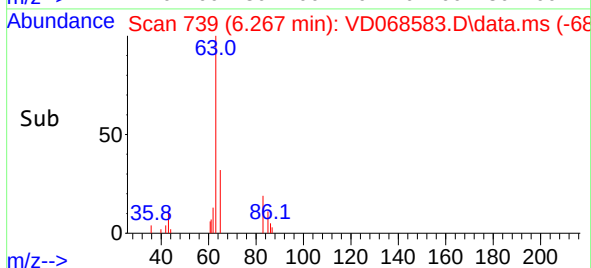
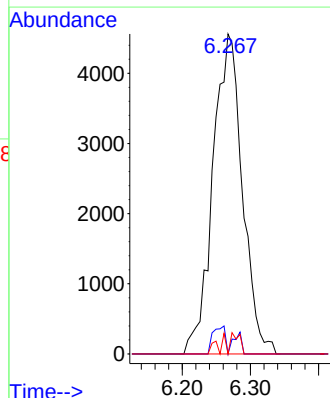
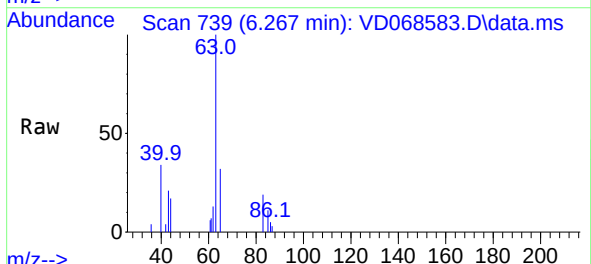
Manual Integrations
 APPROVED

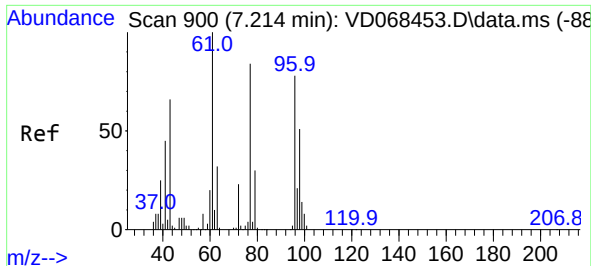
MMDadoda
 3/12/2021 2:01:27 PM



#24
 1,1-Dichloroethane
 Concen: 2.73 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.006 min
 Lab File: VD068583.D
 Acq: 11 Mar 2021 14:17

Tgt Ion: 63 Resp: 13757
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.8 11.4#
 100 0.0 2.6 8.0#





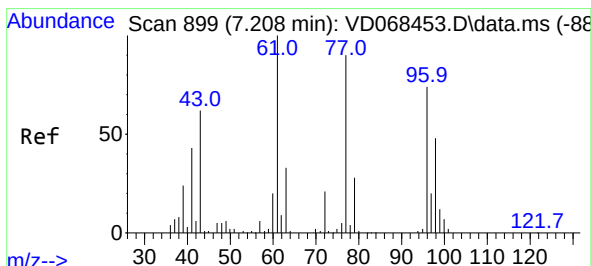
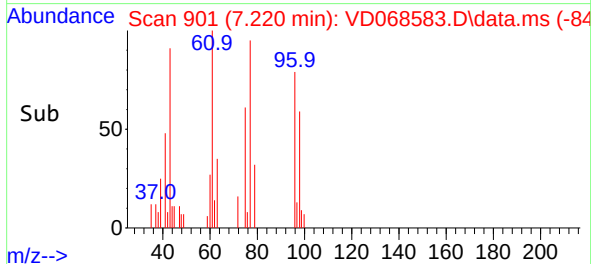
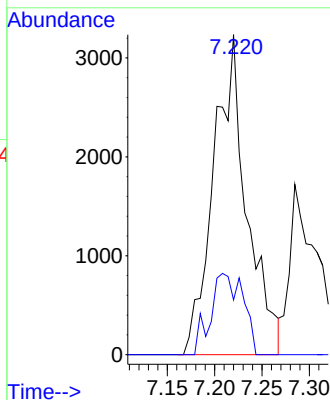
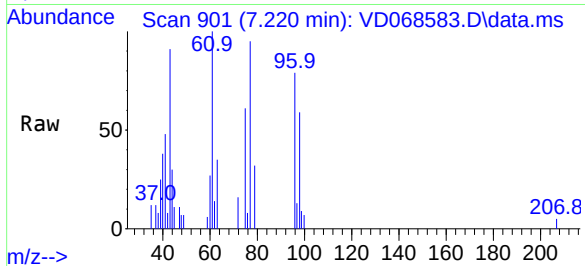
#25
2-Butanone
Concen: 13.44 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 43 Resp: 7884
Ion Ratio Lower Upper
43 100
72 17.1 25.1 37.7#

Instrument :
MSVOA_D
ClientSampled :
MDL01

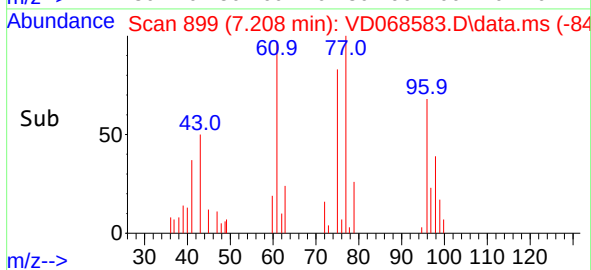
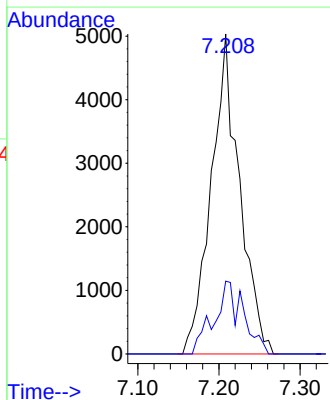
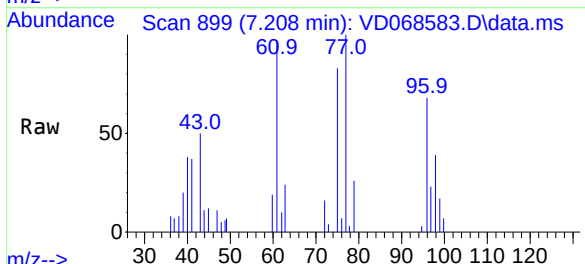
Manual Integrations
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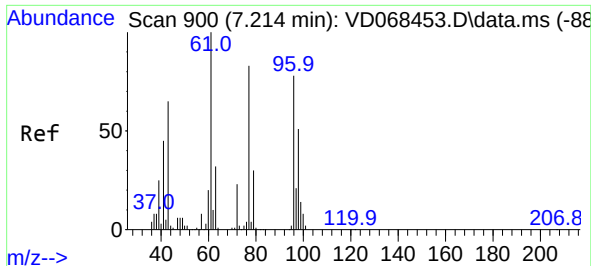
MMDadoda
3/12/2021 2:01:27 PM



#26
2,2-Dichloropropane
Concen: 2.91 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

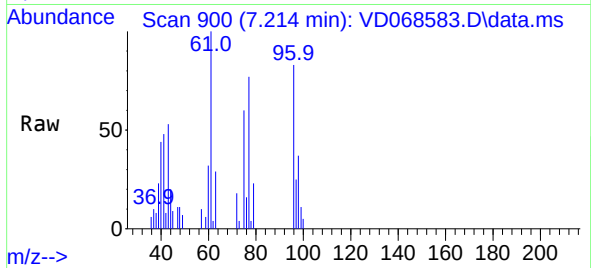
Tgt Ion: 77 Resp: 12204
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 2.65 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

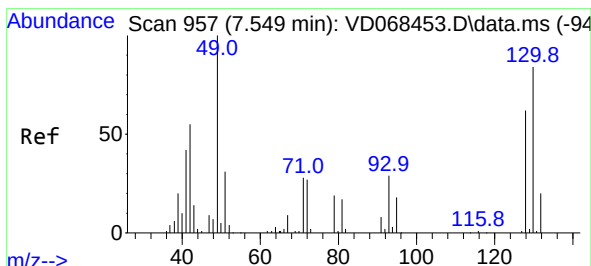
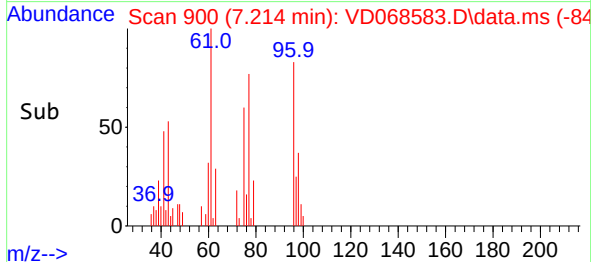
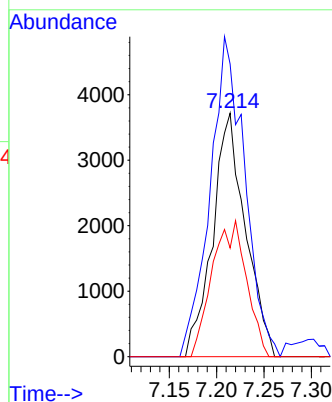
Instrument :
MSVOA_D
ClientSampled :
MDL01



Tgt Ion: 96 Resp: 8968
Ion Ratio Lower Upper
96 100
61 138.8 0.0 257.4
98 58.4 0.0 126.6

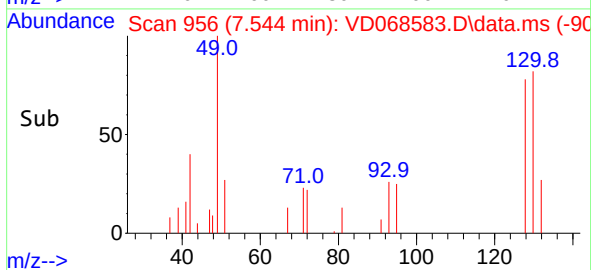
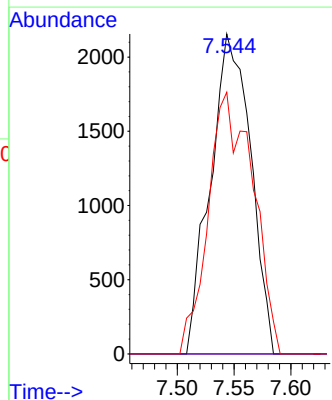
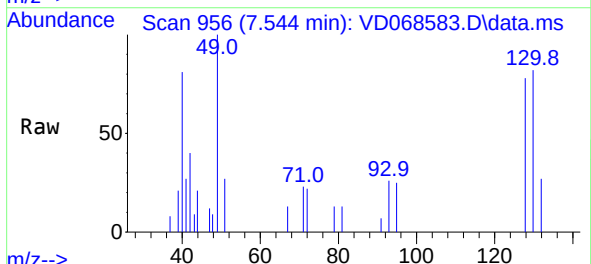
Manual Integrations
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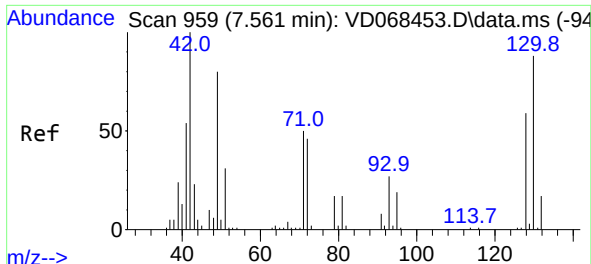
MMDadoda
3/12/2021 2:01:27 PM



#28
Bromochloromethane
Concen: 2.71 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 49 Resp: 5317
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 90.9 85.5 128.3





#29

Tetrahydrofuran

Concen: 12.29 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.006 min

Lab File: VD068583.D

Acq: 11 Mar 2021 14:17

Tgt Ion: 42 Resp: 4682

Ion	Ratio	Lower	Upper
42	100		
72	50.2	43.4	65.0
71	44.5	40.8	61.2

Instrument :

MSVOA_D

ClientSampleId :

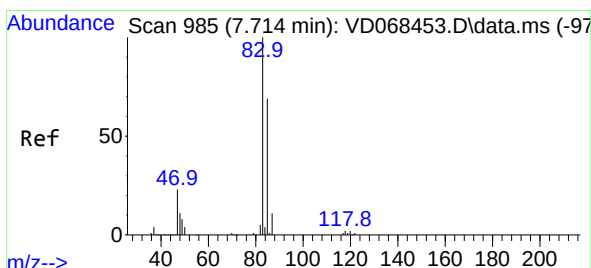
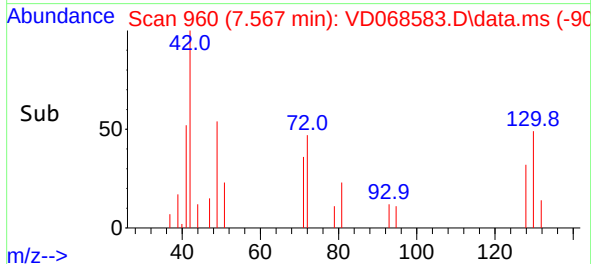
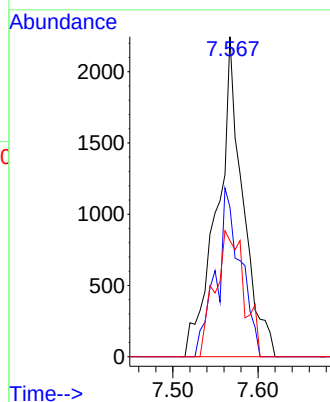
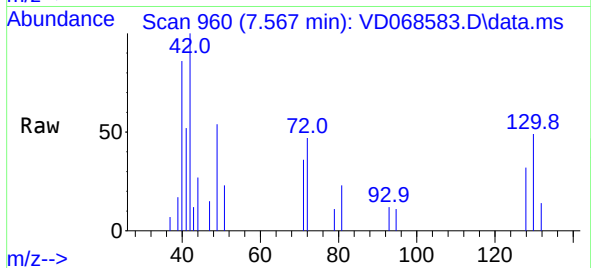
MDL01

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#30

Chloroform

Concen: 2.79 ug/l

RT: 7.714 min Scan# 985

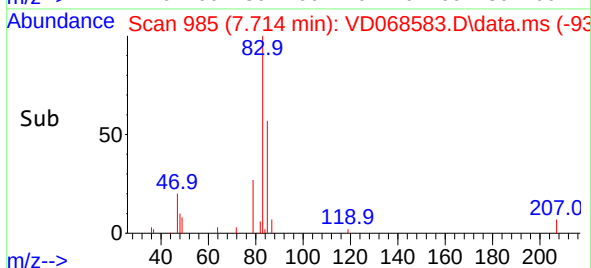
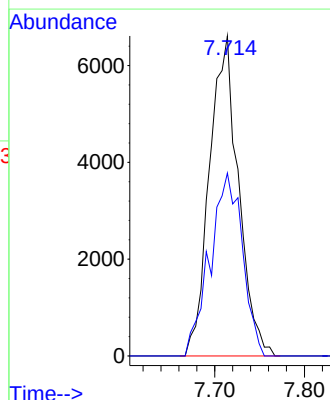
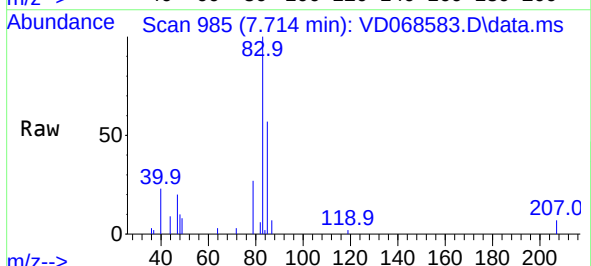
Delta R.T. 0.000 min

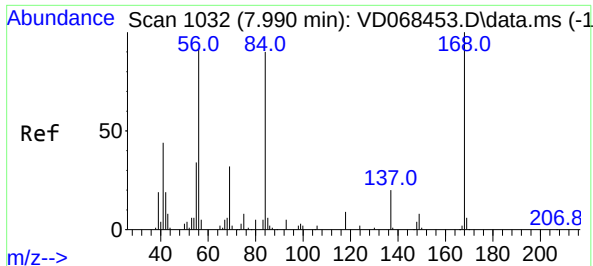
Lab File: VD068583.D

Acq: 11 Mar 2021 14:17

Tgt Ion: 83 Resp: 14820

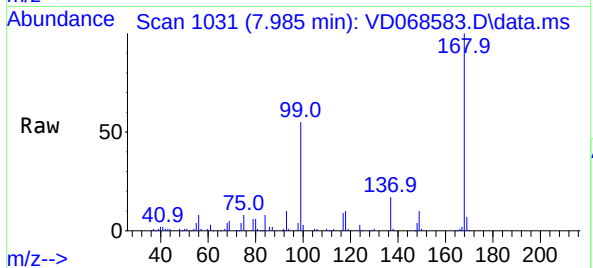
Ion	Ratio	Lower	Upper
83	100		
85	57.2	53.4	80.0





#31
Cyclohexane
Concen: 3.71 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

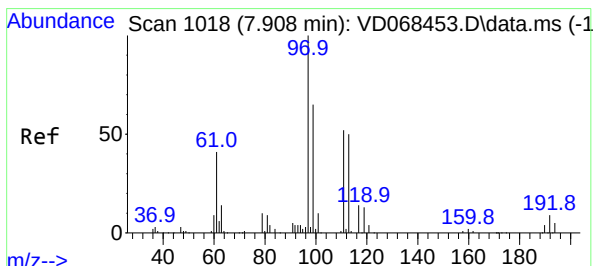
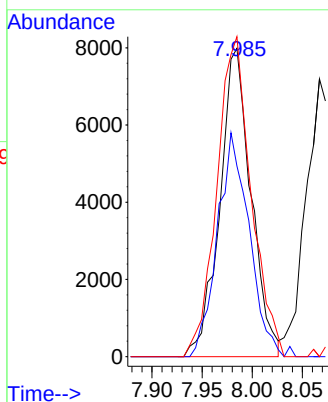
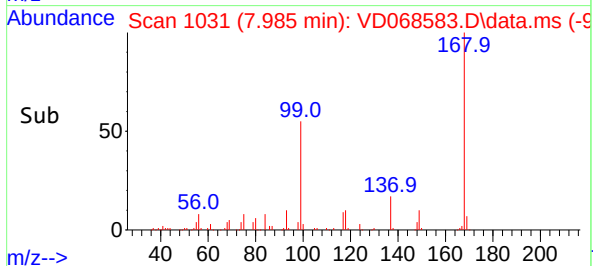
Instrument :
MSVOA_D
ClientSampled :
MDL01



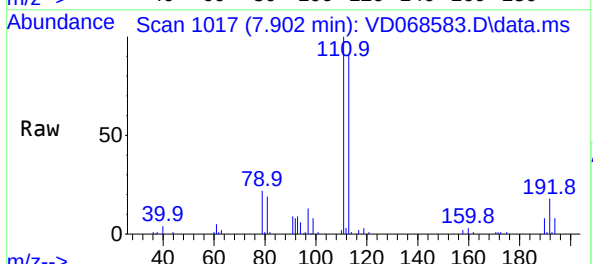
Tgt Ion: 56 Resp: 17316
Ion Ratio Lower Upper
56 100
69 61.9 30.1 45.1#
84 103.8 82.1 123.1

Manual Integrations
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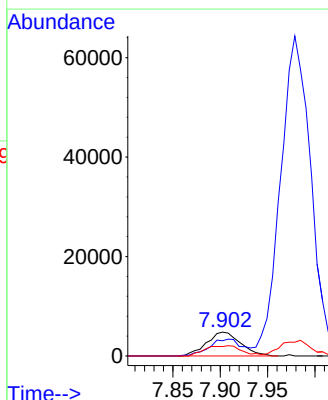
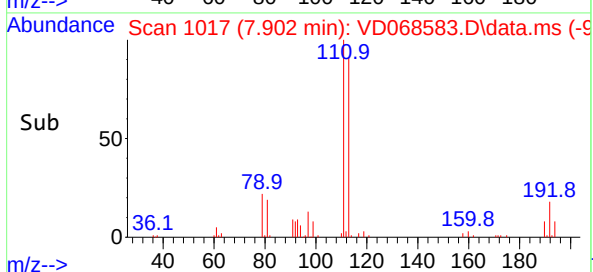
MMDadoda
3/12/2021 2:01:27 PM

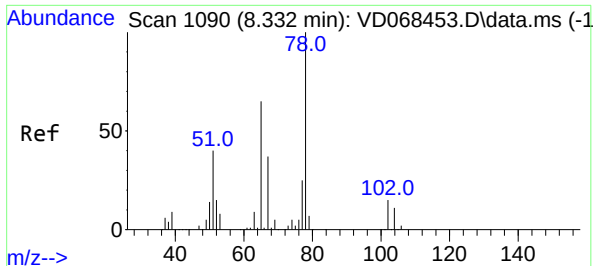


#32
1,1,1-Trichloroethane
Concen: 2.63 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



Tgt Ion: 97 Resp: 11914
Ion Ratio Lower Upper
97 100
99 69.3 52.1 78.1
61 46.8 30.1 45.1#





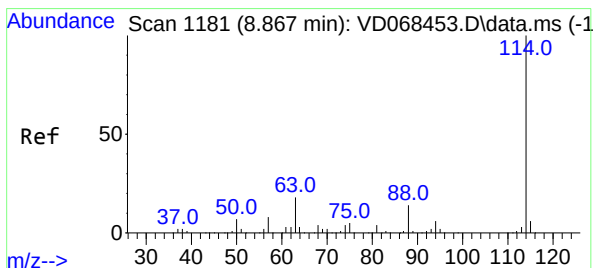
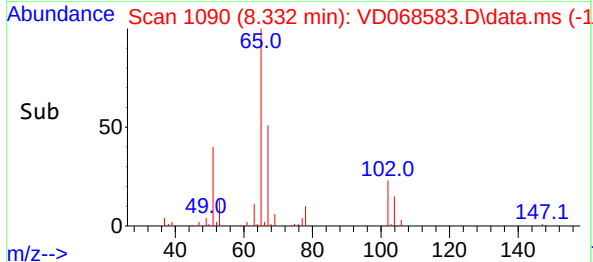
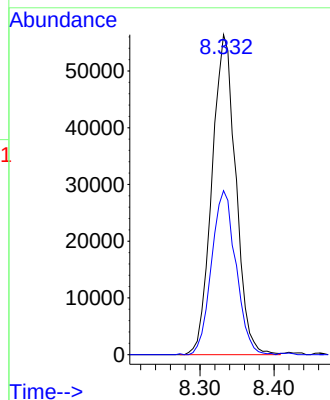
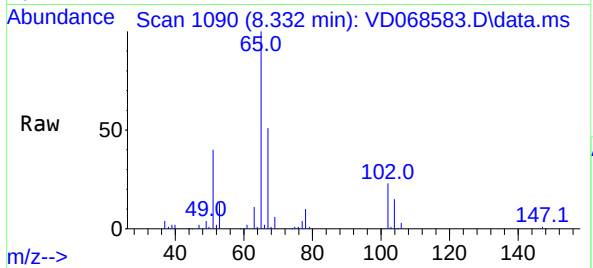
#33
1,2-Dichloroethane-d4
Concen: 48.93 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 65 Resp: 125746
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0

Instrument :
MSVOA_D
ClientSampled :
MDL01

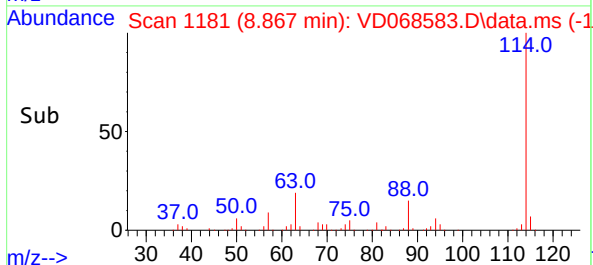
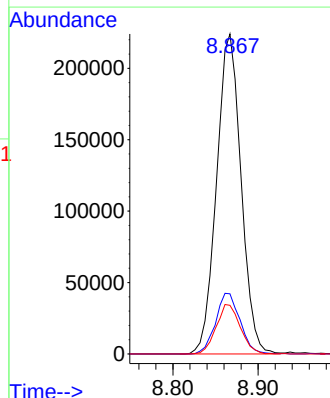
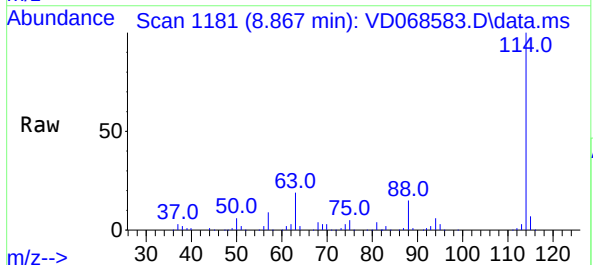
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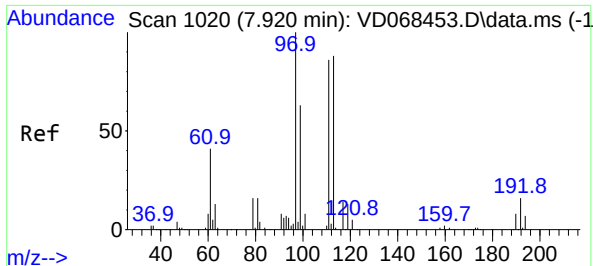
MMDadoda
3/12/2021 2:01:27 PM



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 114 Resp: 447763
Ion Ratio Lower Upper
114 100
63 18.8 0.0 34.8
88 15.2 0.0 31.6





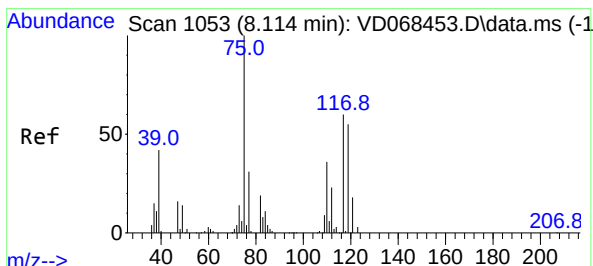
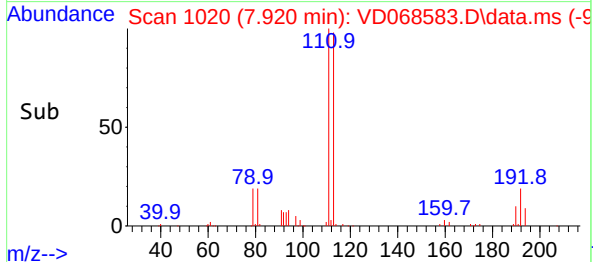
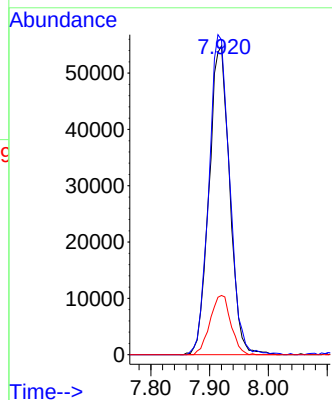
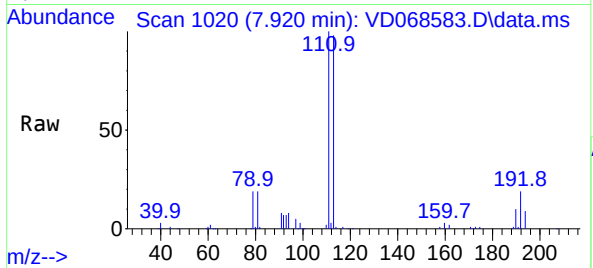
#35
Dibromofluoromethane
Concen: 49.49 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion:113 Resp: 133500
Ion Ratio Lower Upper
113 100
111 104.4 81.4 122.0
192 19.3 16.1 24.1

Instrument :
MSVOA_D
ClientSampled :
MDL01

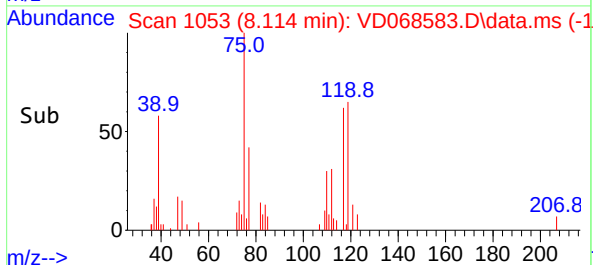
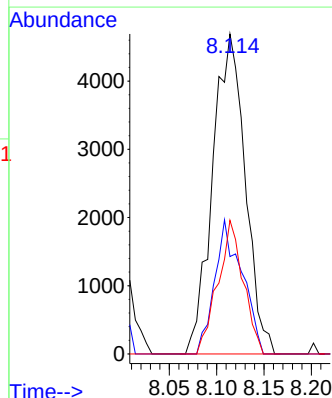
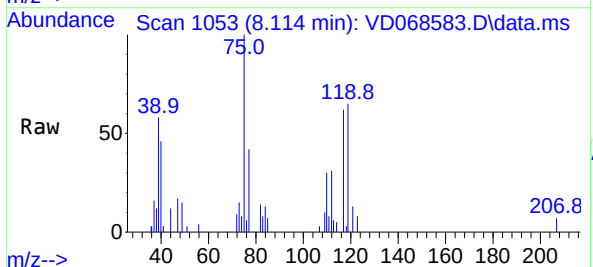
Manual Integrations
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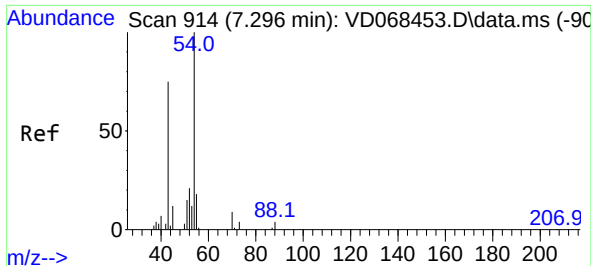
MMDadoda
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#36
1,1-Dichloropropene
Concen: 2.65 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

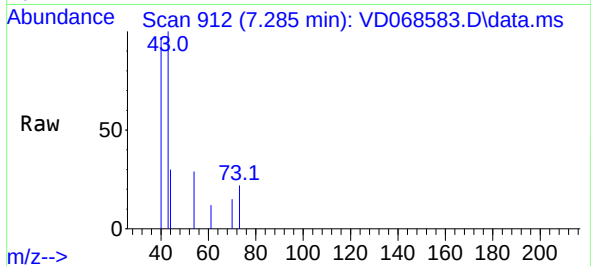
Tgt Ion: 75 Resp: 11264
Ion Ratio Lower Upper
75 100
110 35.1 19.4 58.2
77 32.5 25.3 37.9





#37
Ethyl Acetate
Concen: 2.54 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.012 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Instrument :
MSVOA_D
ClientSampled :
MDL01

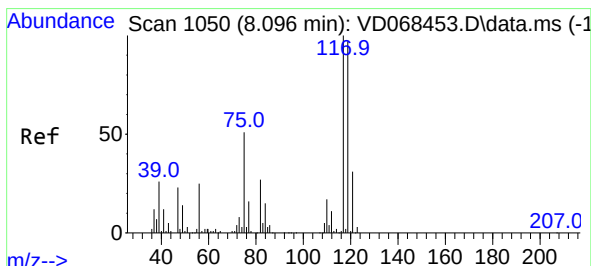
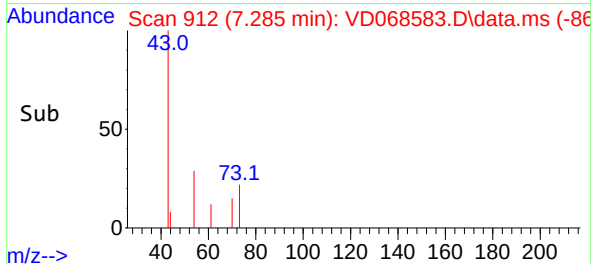
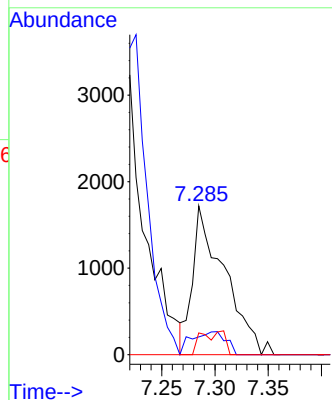


Tgt Ion: 43 Resp: 3589

Ion	Ratio	Lower	Upper
43	100		
61	16.5	12.9	19.3
70	6.4	11.0	16.6#

Manual Integrations
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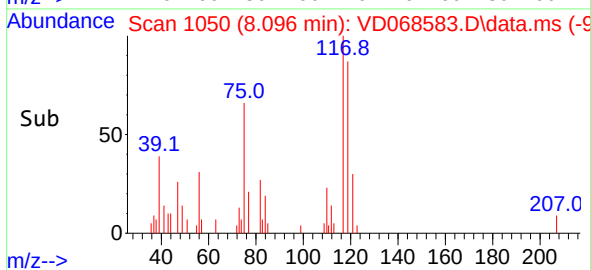
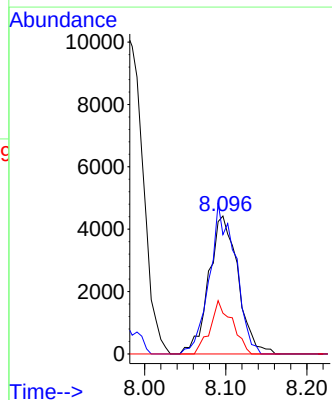
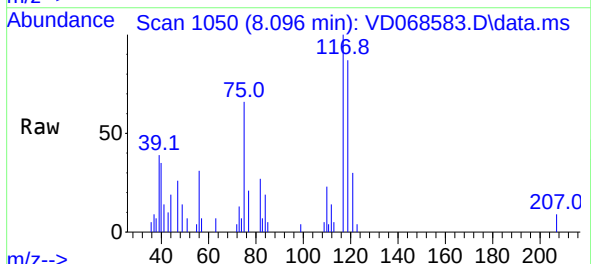
MMDadoda
3/12/2021 2:01:27 PM

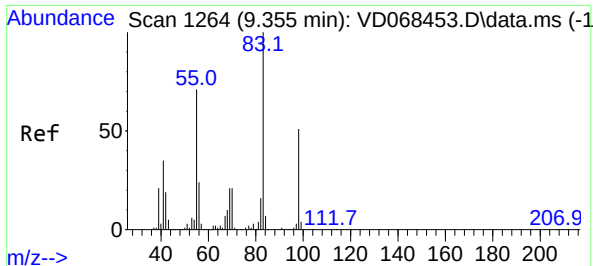


#38
Carbon Tetrachloride
Concen: 2.76 ug/l
RT: 8.096 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

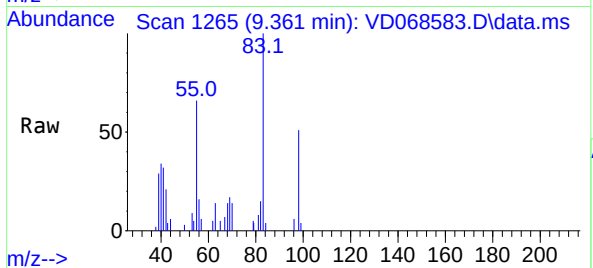
Tgt Ion: 117 Resp: 11043

Ion	Ratio	Lower	Upper
117	100		
119	86.5	77.3	115.9
121	29.6	24.7	37.1

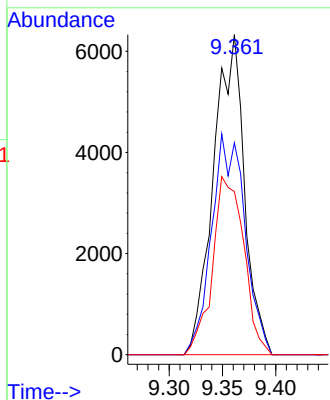
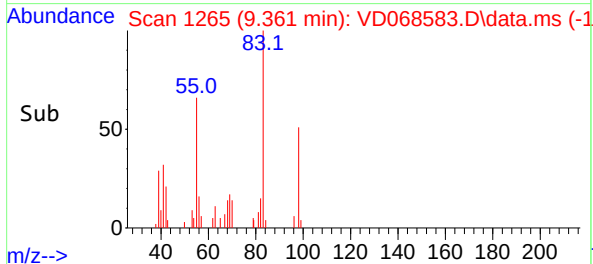




#39
Methylcyclohexane
Concen: 2.43 ug/l
RT: 9.361 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



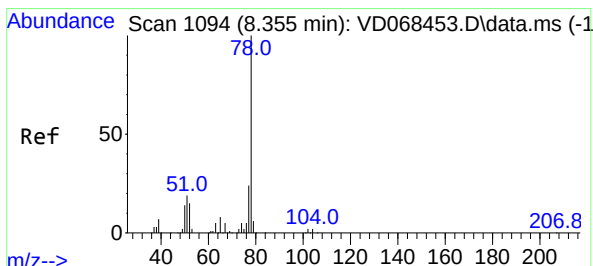
Tgt Ion: 83 Resp: 12764
Ion Ratio Lower Upper
83 100
55 66.2 55.2 82.8
98 51.0 39.1 58.7



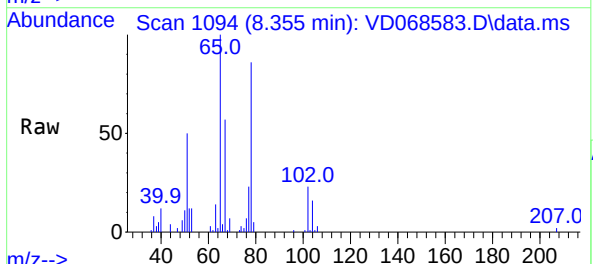
Instrument :
MSVOA_D
ClientSampleId :
MDL01

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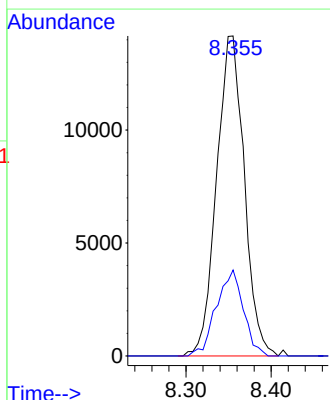
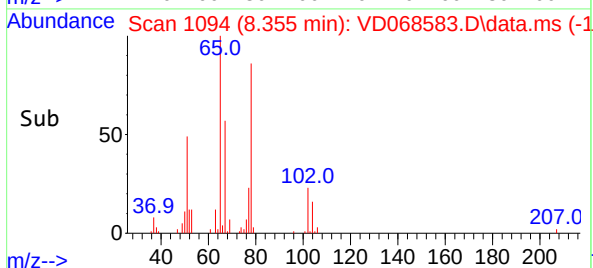
MMDadoda
3/12/2021 2:01:27 PM

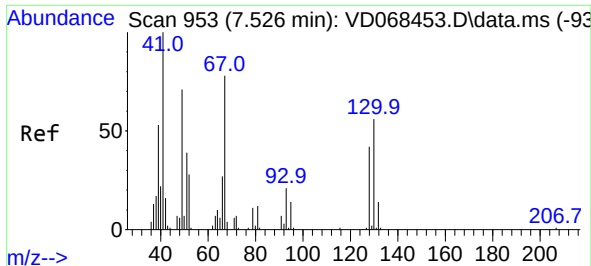


#40
Benzene
Concen: 2.62 ug/l
RT: 8.355 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



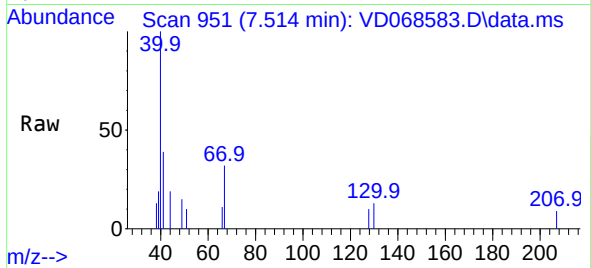
Tgt Ion: 78 Resp: 31967
Ion Ratio Lower Upper
78 100
77 26.9 17.8 26.6#





#41
Methacrylonitrile
Concen: 2.39 ug/l m
RT: 7.514 min Scan# 951
Delta R.T. -0.012 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

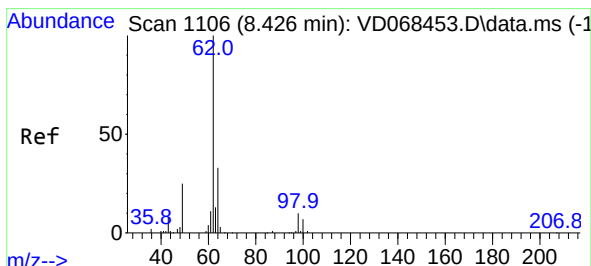
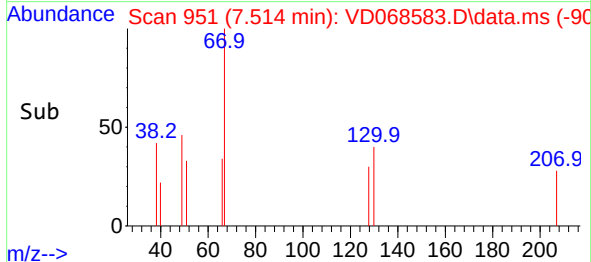
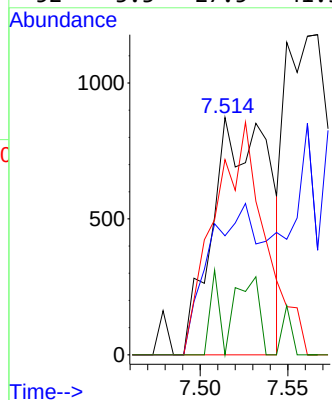
Instrument :
MSVOA_D
ClientSampled :
MDL01



Tgt Ion: 41 Resp: 1959
Ion Ratio Lower Upper
41 100
39 64.6 45.2 67.8
67 0.0 67.4 101.2#
52 3.3 27.5 41.3#

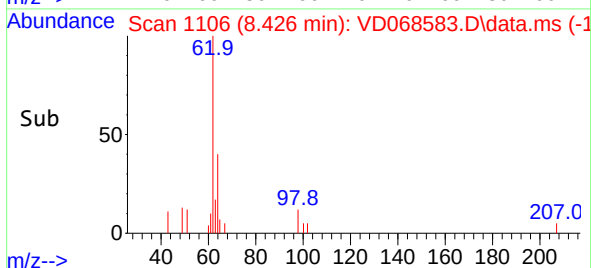
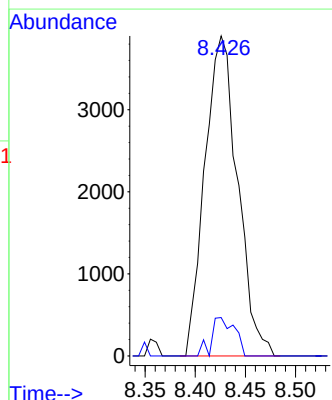
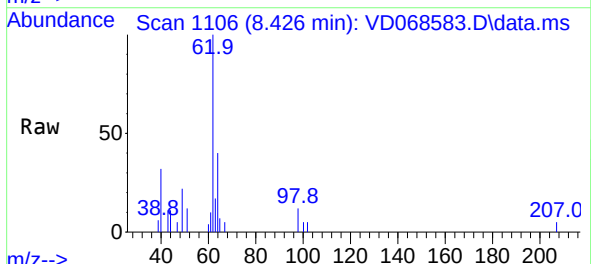
Manual Integrations
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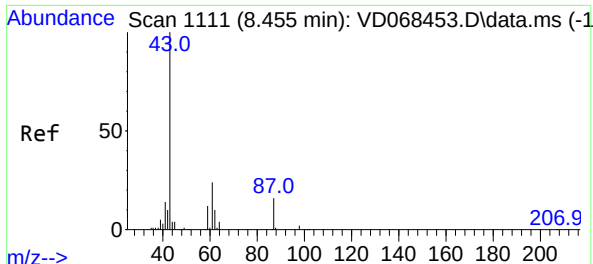
MMDadoda
3/12/2021 2:01:27 PM



#42
1,2-Dichloroethane
Concen: 2.76 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 62 Resp: 8874
Ion Ratio Lower Upper
62 100
98 8.4 0.0 21.8





#43

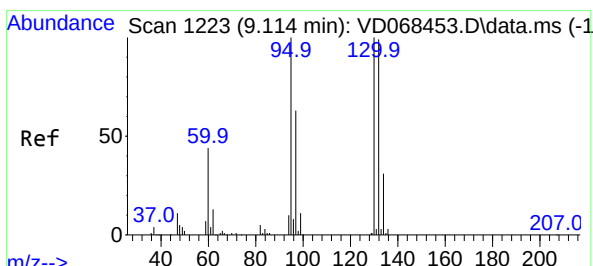
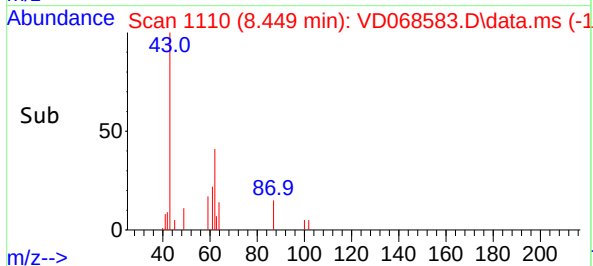
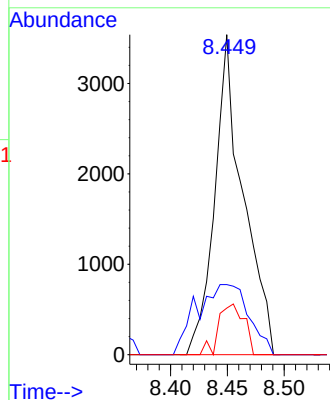
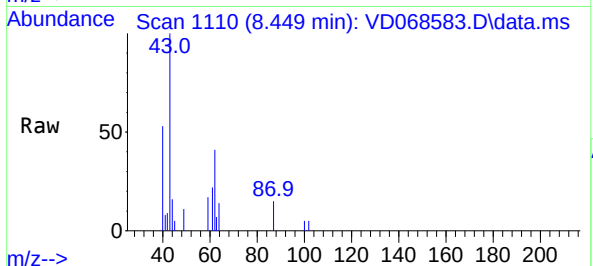
Isopropyl Acetate
Concen: 2.37 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 43 Resp: 6153
Ion Ratio Lower Upper
43 100
61 40.2 28.7 43.1
87 14.3 13.9 20.9

Instrument :
MSVOA_D
ClientSampleId :
MDL01

Manual Integrations
APPROVED

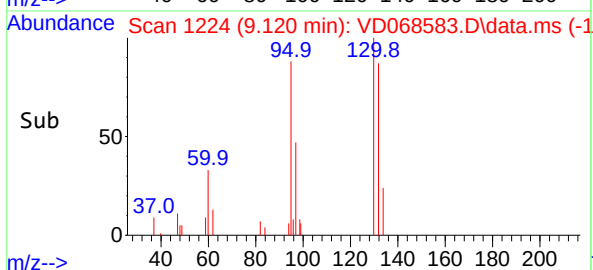
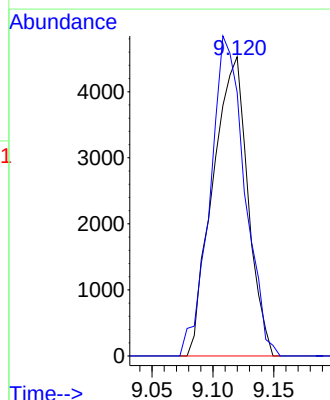
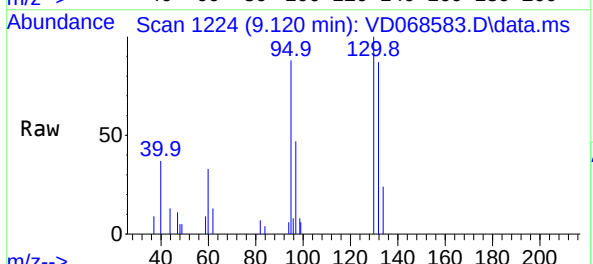
MMDadoda
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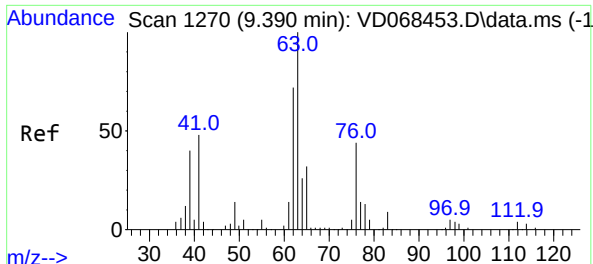


#44

Trichloroethene
Concen: 2.70 ug/l
RT: 9.120 min Scan# 1224
Delta R.T. 0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion:130 Resp: 9054
Ion Ratio Lower Upper
130 100
95 88.1 0.0 191.2





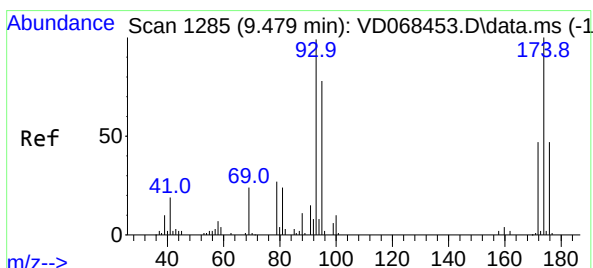
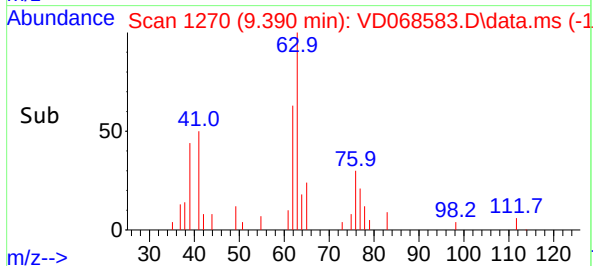
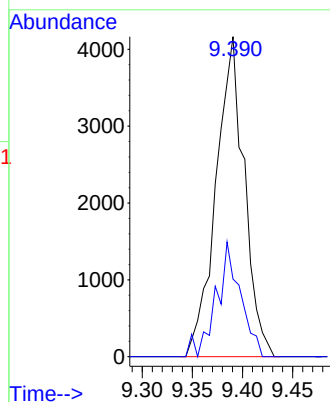
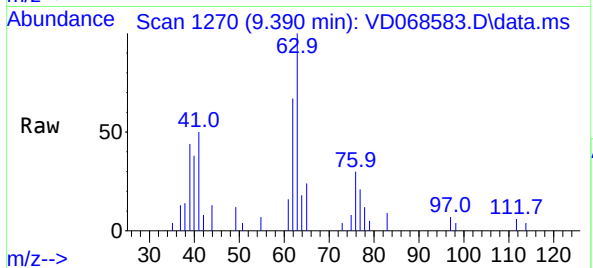
#45
1,2-Dichloropropane
Concen: 2.80 ug/l
RT: 9.390 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 63 Resp: 8184
Ion Ratio Lower Upper
63 100
65 24.2 26.6 40.0#

Instrument :
MSVOA_D
ClientSampled :
MDL01

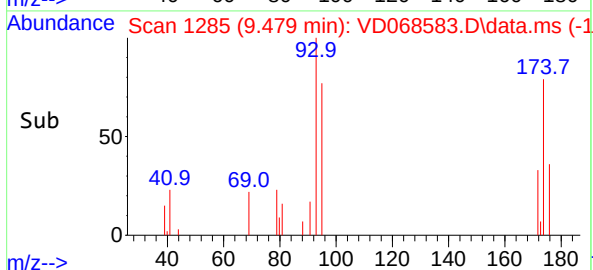
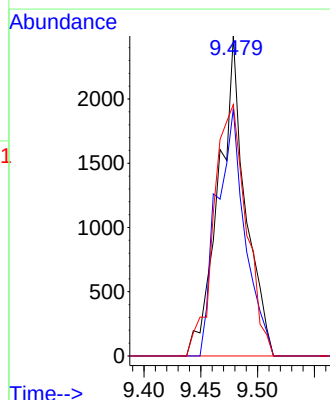
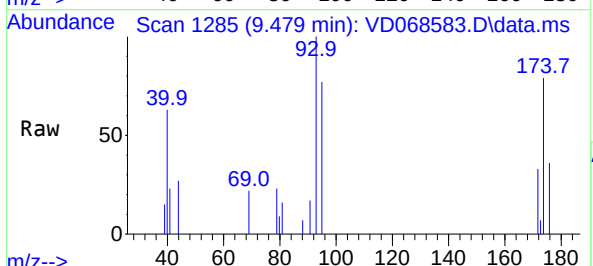
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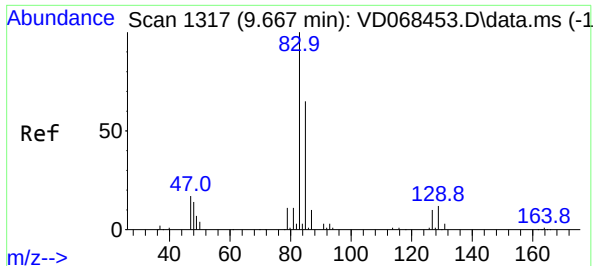
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#46
Dibromomethane
Concen: 2.57 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 93 Resp: 4073
Ion Ratio Lower Upper
93 100
95 81.7 67.3 100.9
174 95.3 84.6 127.0





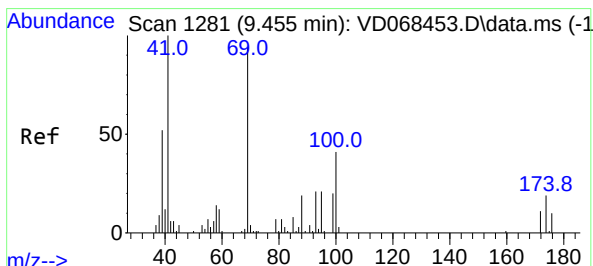
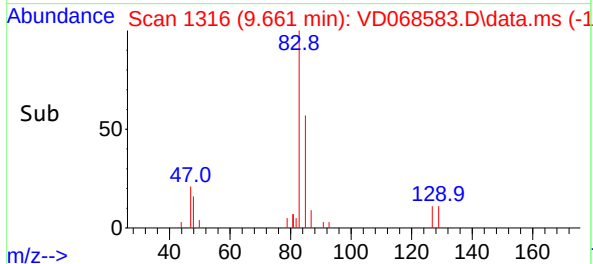
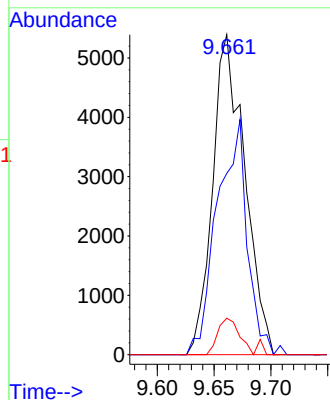
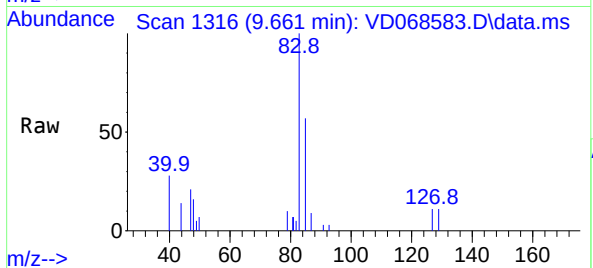
#47
Bromodichloromethane
Concen: 2.58 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Instrument :
MSVOA_D
ClientSampled :
MDL01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	56.7	51.6	77.4
127	11.4	7.4	11.0#

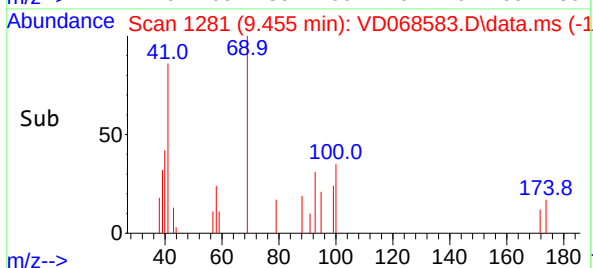
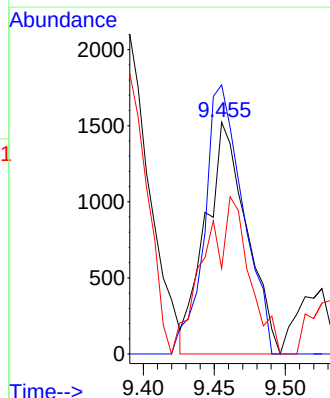
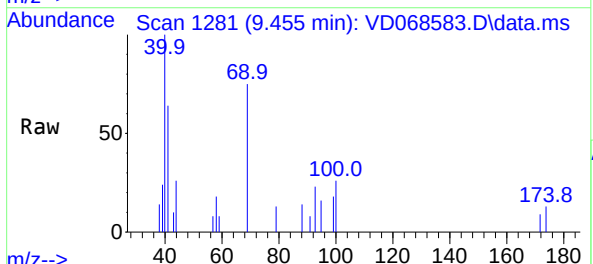
Manual Integrations
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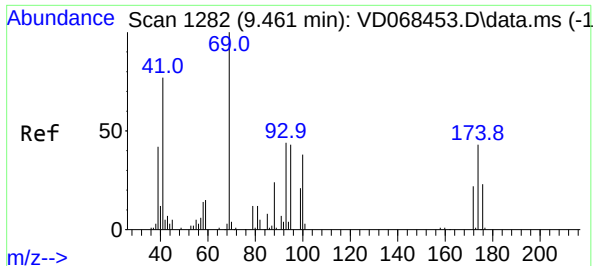
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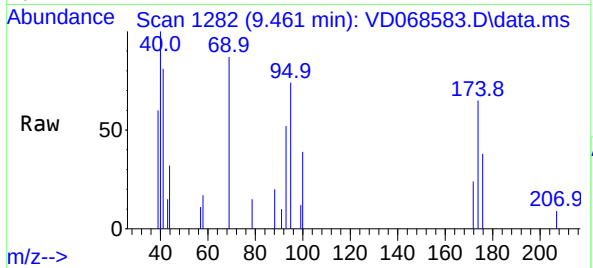
#48
Methyl methacrylate
Concen: 2.21 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion	Ratio	Lower	Upper
41	100		
69	109.5	77.1	115.7
39	74.0	41.5	62.3#

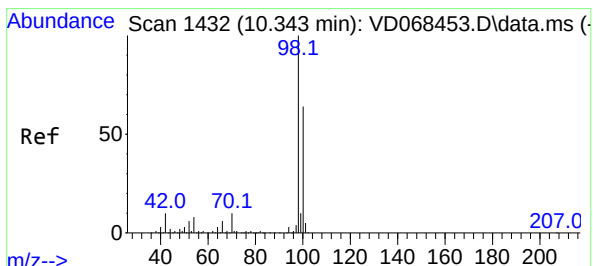
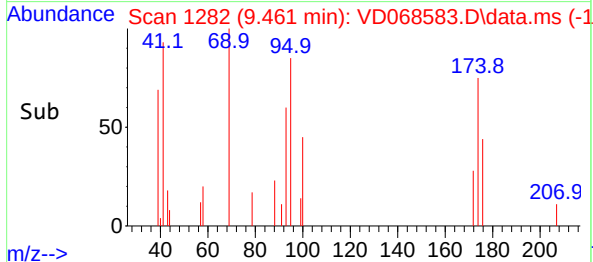
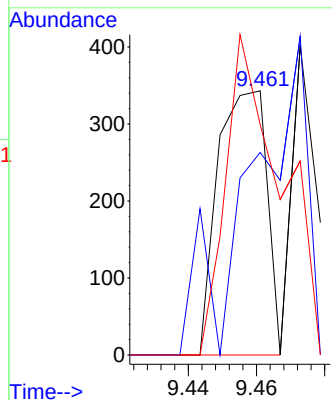




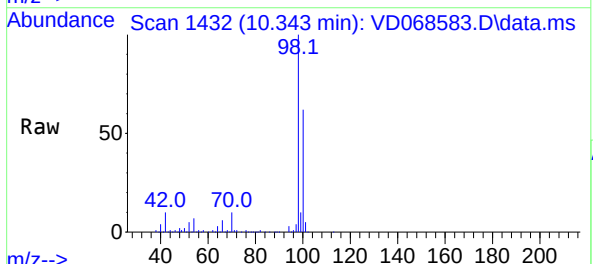
#49
1,4-Dioxane
Concen: 18.83 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



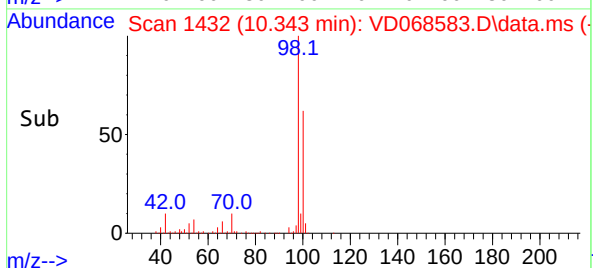
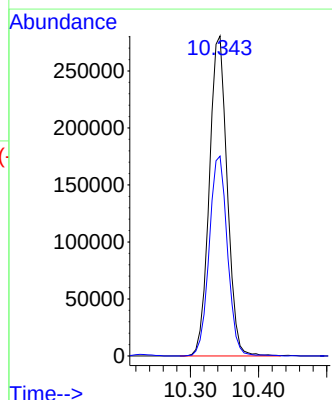
Tgt Ion: 88 Resp: 341
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 137.0 46.7 70.1#



#50
Toluene-d8
Concen: 47.65 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



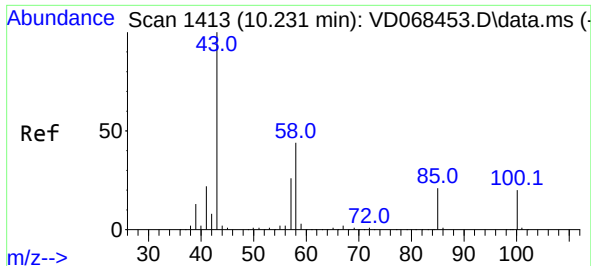
Tgt Ion: 98 Resp: 511886
Ion Ratio Lower Upper
98 100
100 63.8 53.0 79.4



Instrument :
MSVOA_D
ClientSampled :
MDL01

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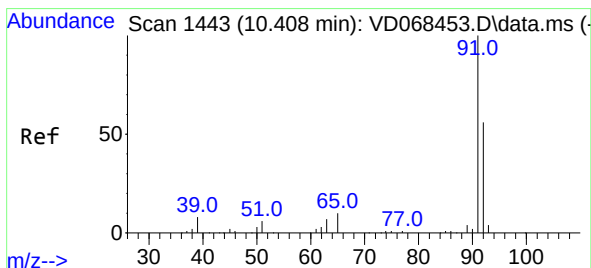
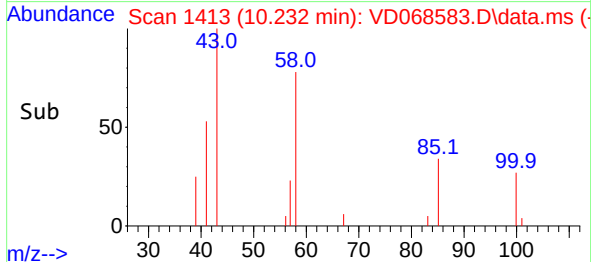
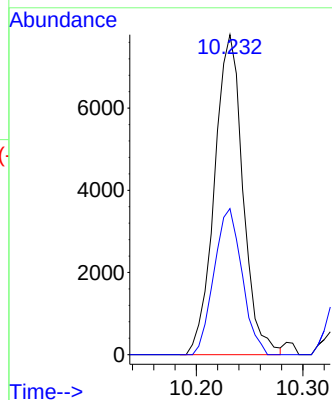
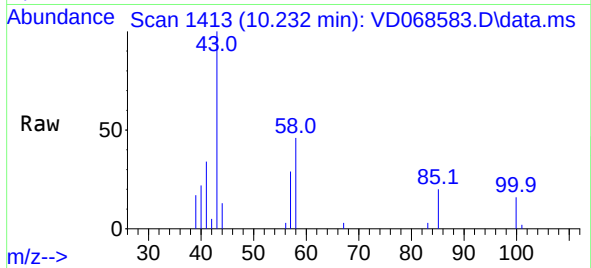
#51
4-Methyl-2-Pentanone
Concen: 10.65 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 43 Resp: 14466
Ion Ratio Lower Upper
43 100
58 44.8 36.1 54.1

Instrument :
MSVOA_D
ClientSampled :
MDL01

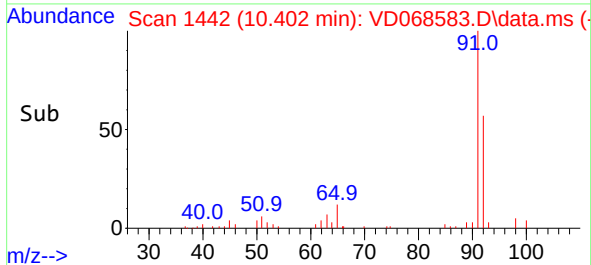
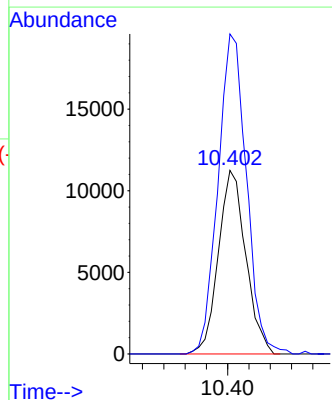
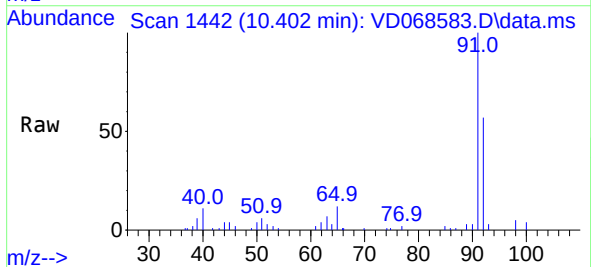
Manual Integrations
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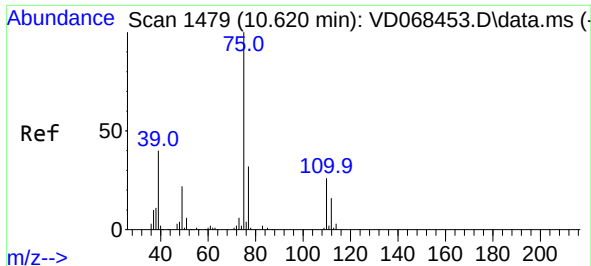
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#52
Toluene
Concen: 2.58 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 92 Resp: 20111
Ion Ratio Lower Upper
92 100
91 180.3 134.1 201.1





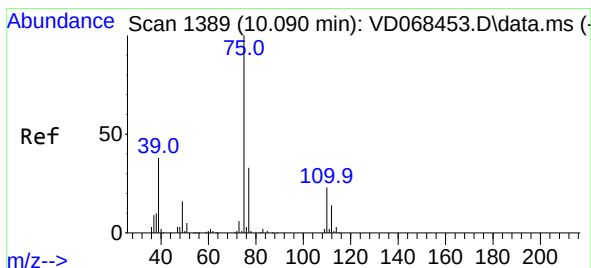
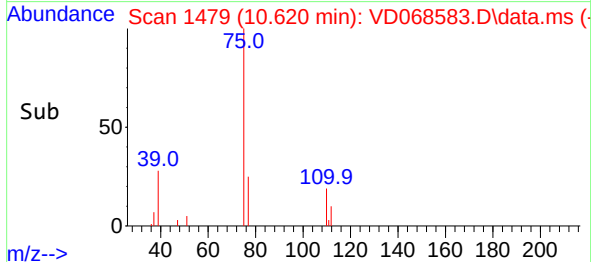
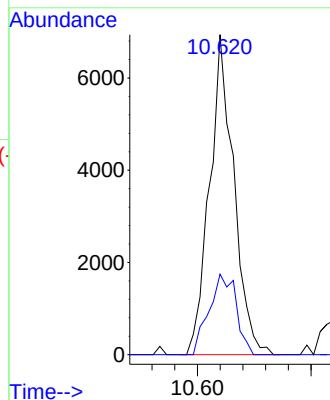
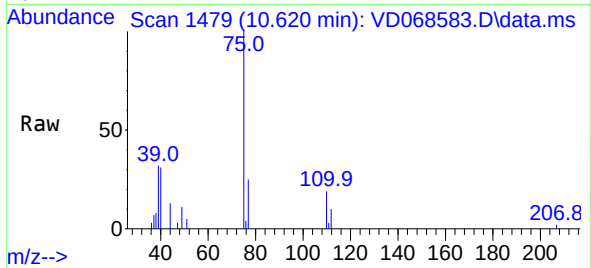
#53
t-1,3-Dichloropropene
Concen: 2.71 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 75 Resp: 10289
Ion Ratio Lower Upper
75 100
77 25.2 25.0 37.4

Instrument :
MSVOA_D
ClientSampled :
MDL01

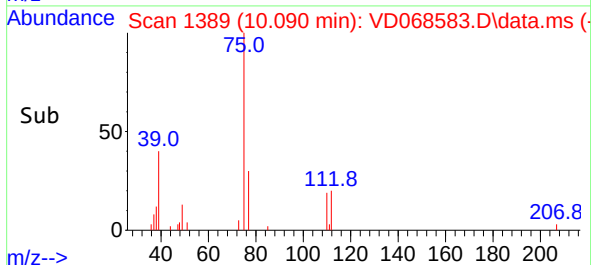
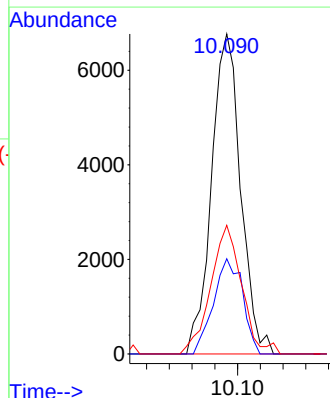
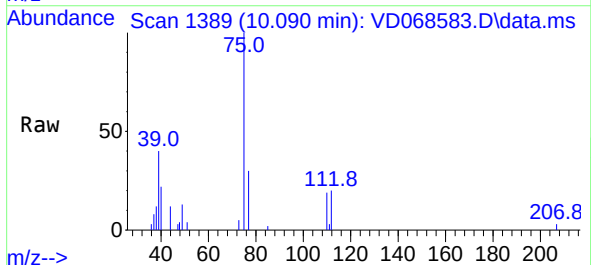
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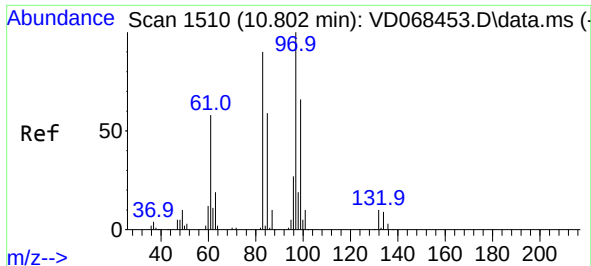
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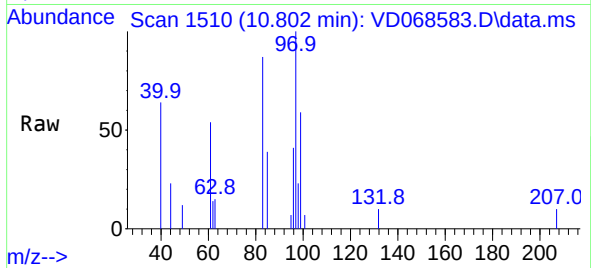
#54
cis-1,3-Dichloropropene
Concen: 2.60 ug/l
RT: 10.090 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 75 Resp: 12059
Ion Ratio Lower Upper
75 100
77 29.8 24.6 37.0
39 40.2 31.4 47.0

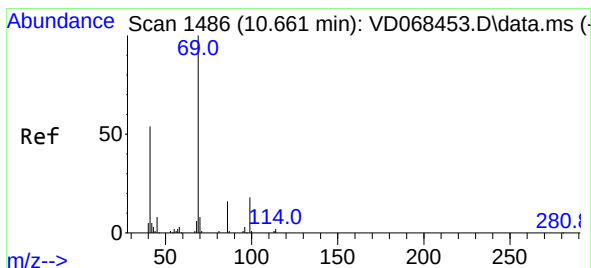
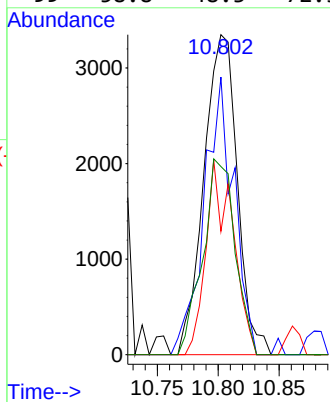
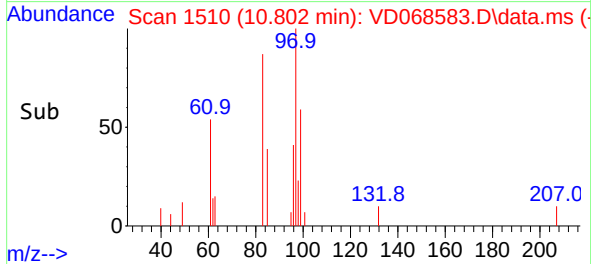




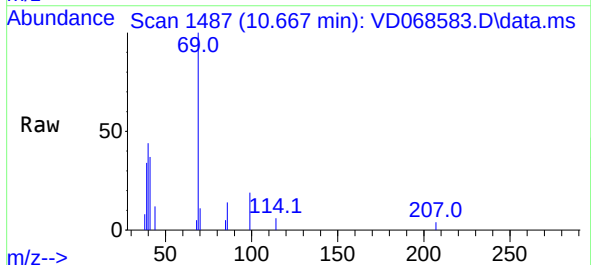
#55
1,1,2-Trichloroethane
Concen: 2.92 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



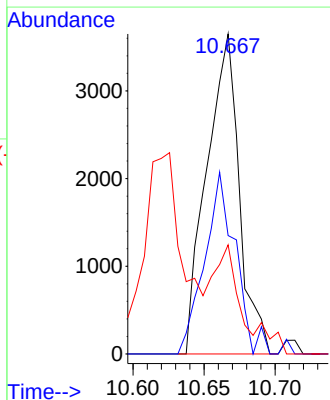
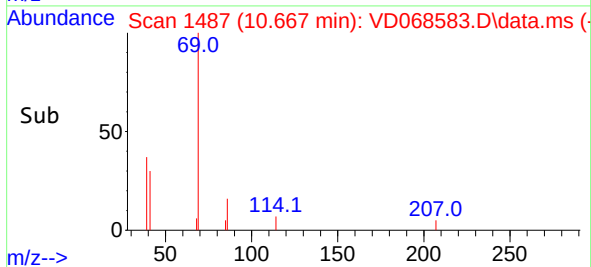
Tgt Ion:	97	Resp:	6409
Ion	Ratio	Lower	Upper
97	100		
83	81.7	61.8	92.6
85	38.5	42.2	63.2#
99	58.8	48.3	72.5



#56
Ethyl methacrylate
Concen: 2.30 ug/l
RT: 10.667 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



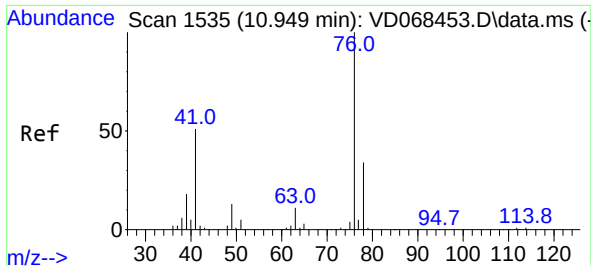
Tgt Ion:	69	Resp:	5816
Ion	Ratio	Lower	Upper
69	100		
41	53.6	44.9	67.3
39	31.3	21.9	32.9



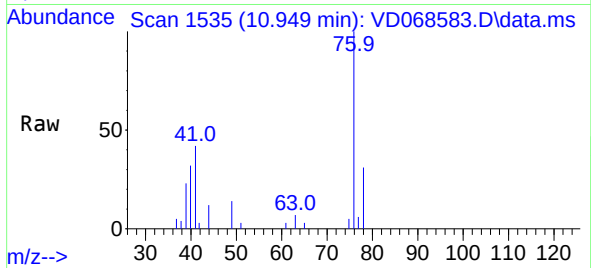
Instrument :
MSVOA_D
ClientSampleId :
MDL01

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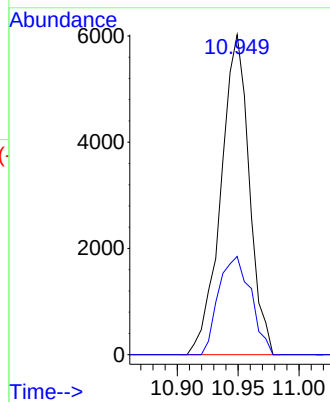
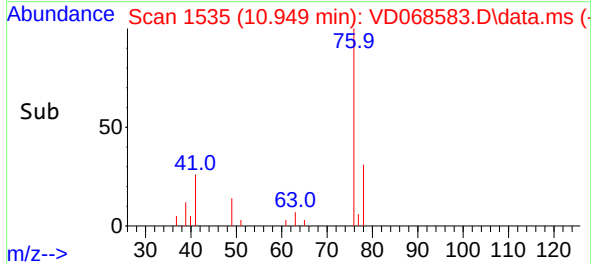
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#57
1,3-Dichloropropane
Concen: 2.55 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



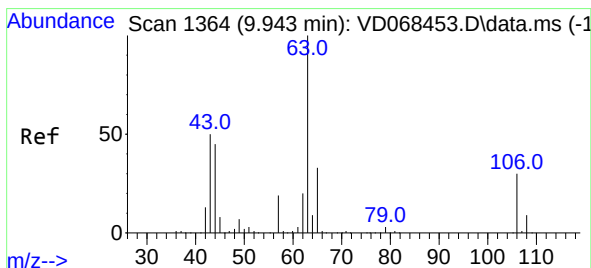
Tgt Ion: 76 Resp: 9784
Ion Ratio Lower Upper
76 100
78 34.9 25.6 38.4



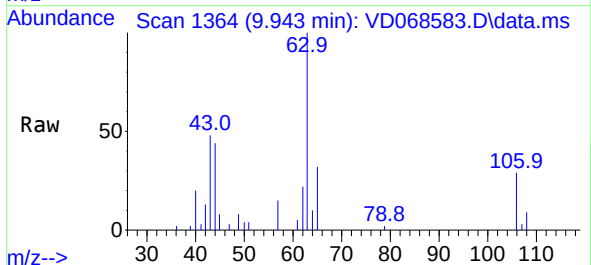
Instrument :
MSVOA_D
ClientSampled :
MDL01

Manual Integrations
APPROVED

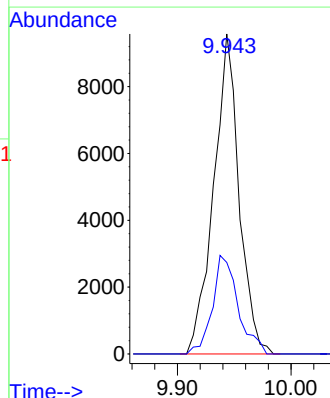
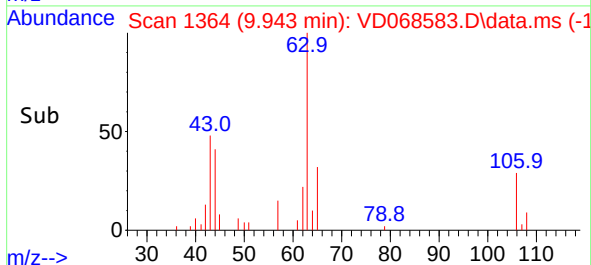
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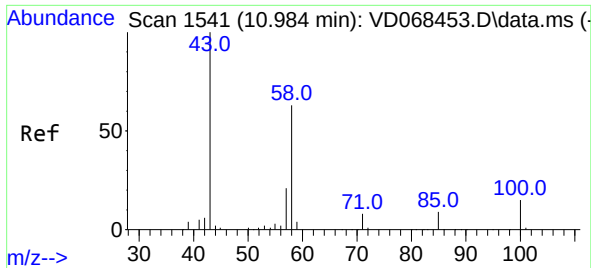


#58
2-Chloroethyl Vinyl ether
Concen: 11.75 ug/l
RT: 9.943 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



Tgt Ion: 63 Resp: 14893
Ion Ratio Lower Upper
63 100
106 31.0 27.0 40.4





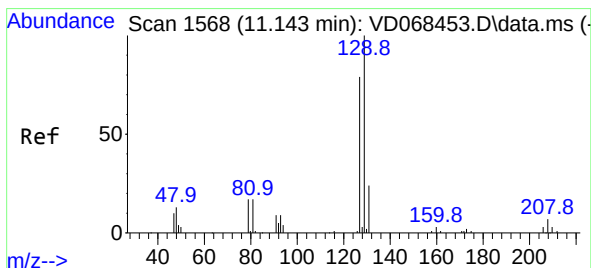
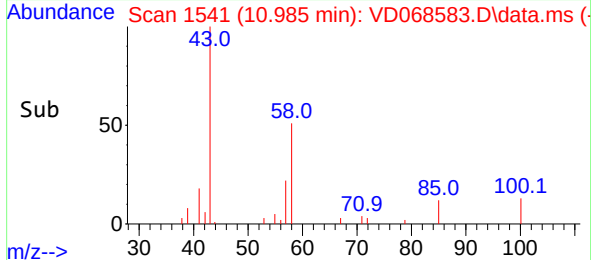
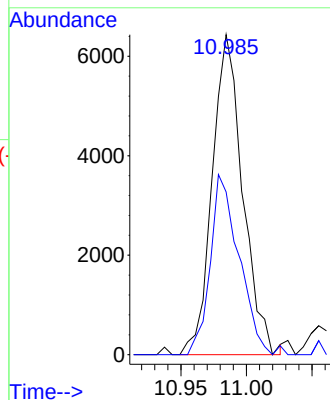
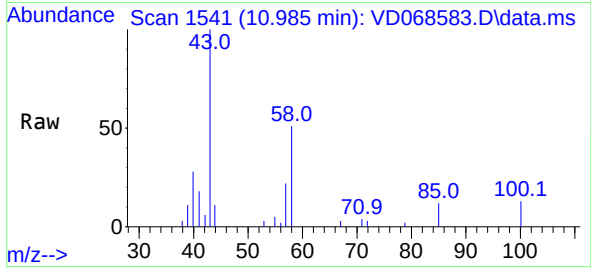
#59
2-Hexanone
Concen: 11.51 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 43 Resp: 10424
Ion Ratio Lower Upper
43 100
58 53.4 31.0 93.0

Instrument :
MSVOA_D
ClientSampled :
MDL01

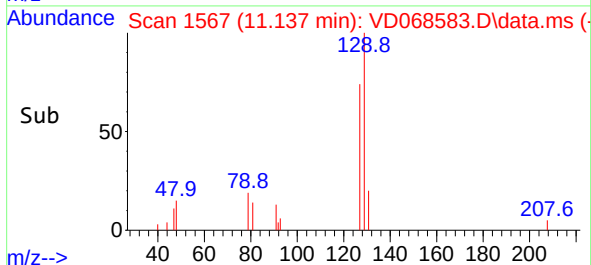
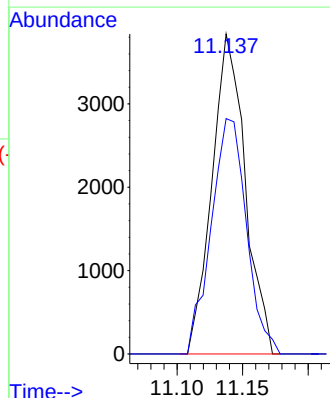
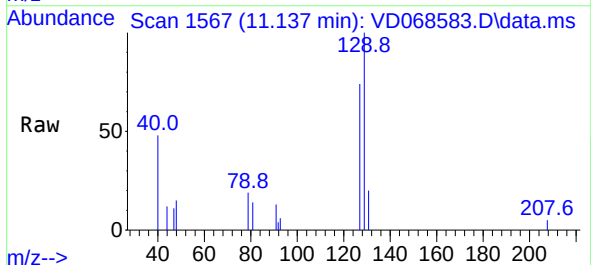
Manual Integrations
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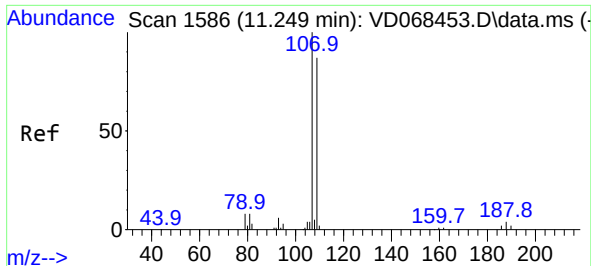
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3/12/2021 2:01:27 PM



#60
Dibromochloromethane
Concen: 2.48 ug/l
RT: 11.137 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion:129 Resp: 6753
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0





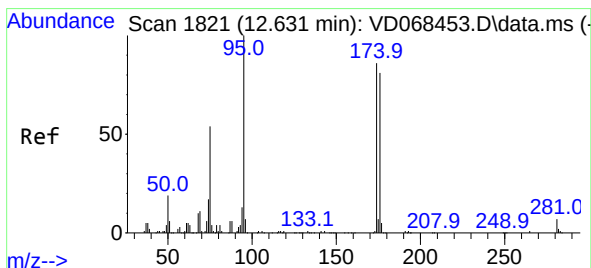
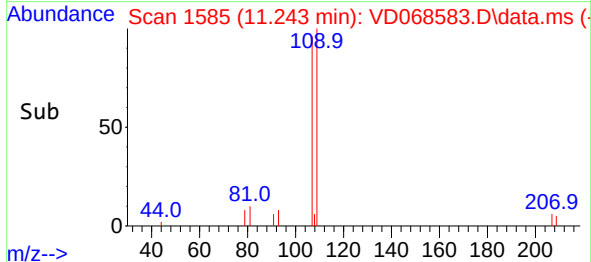
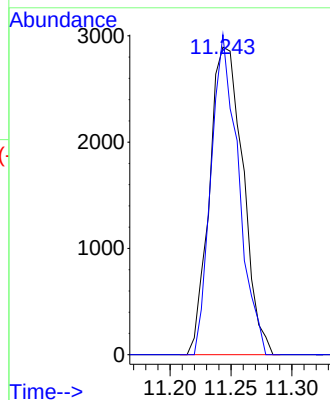
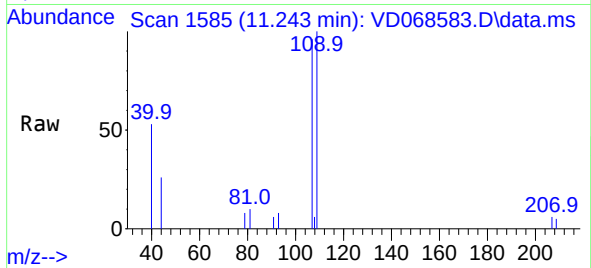
#61
1,2-Dibromoethane
Concen: 2.57 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion:107 Resp: 5532
Ion Ratio Lower Upper
107 100
109 84.7 74.8 112.2

Instrument :
MSVOA_D
ClientSampleId :
MDL01

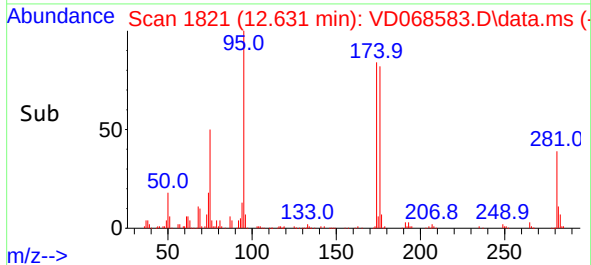
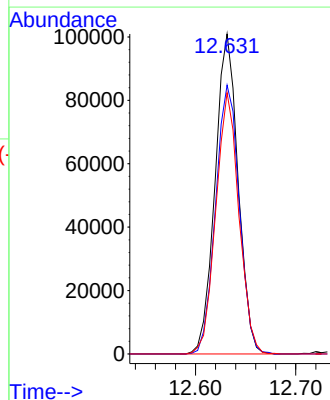
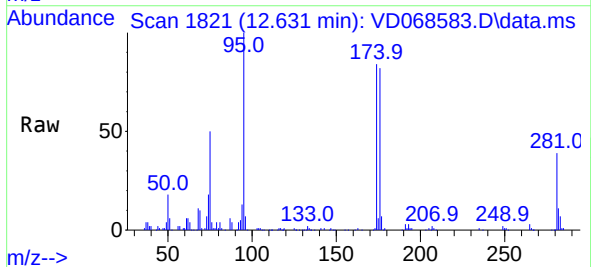
Manual Integrations
APPROVED

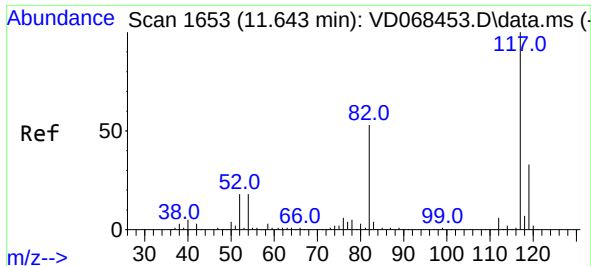
MMDadoda
3/12/2021 2:01:27 PM



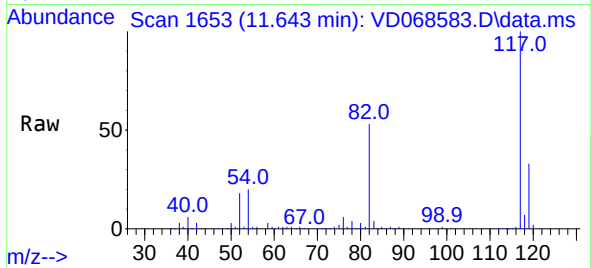
#62
4-Bromofluorobenzene
Concen: 46.47 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 95 Resp: 160903
Ion Ratio Lower Upper
95 100
174 86.5 0.0 172.4
176 81.8 0.0 168.4

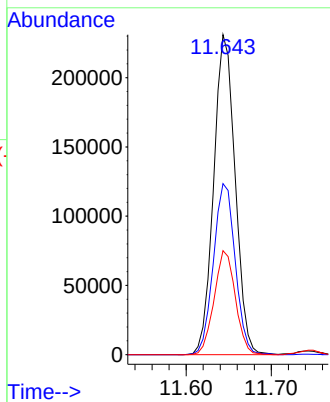
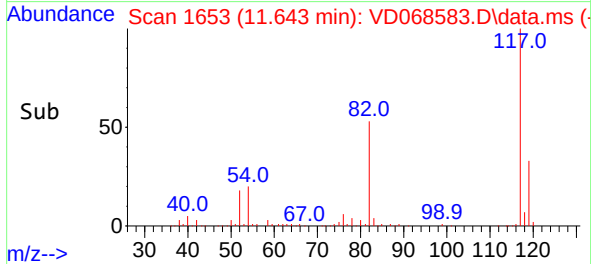




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



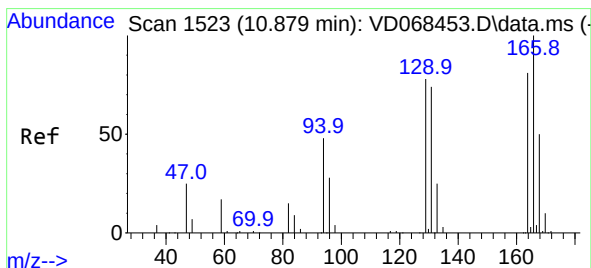
Tgt Ion:117 Resp: 404784
Ion Ratio Lower Upper
117 100
82 53.5 41.4 62.0
119 32.5 26.1 39.1



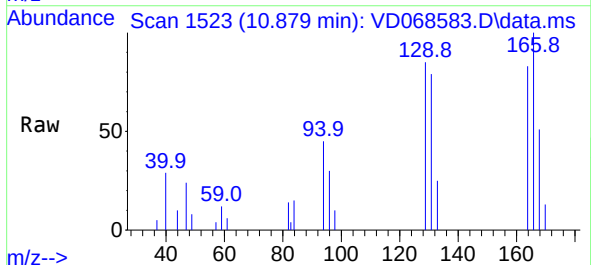
Instrument :
MSVOA_D
ClientSampleId :
MDL01

Manual Integrations
APPROVED

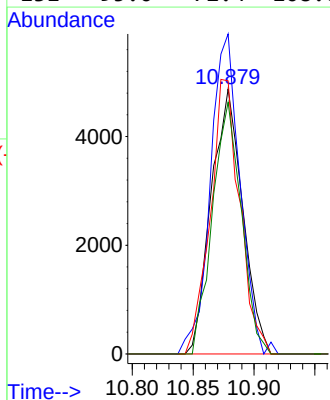
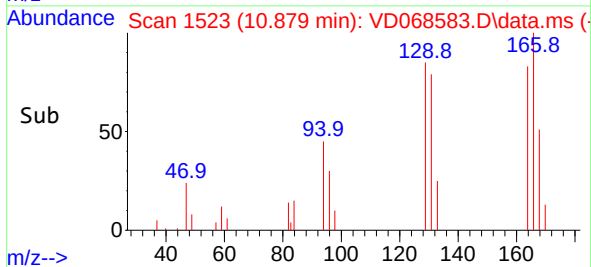
MMDadoda
3/12/2021 2:01:27 PM

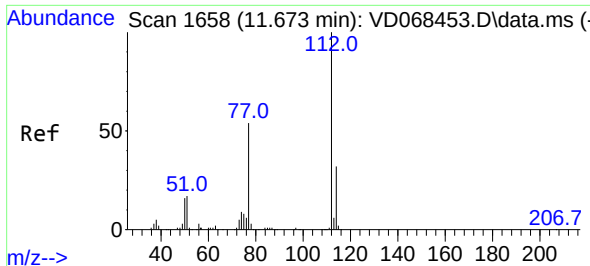


#64
Tetrachloroethene
Concen: 3.31 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



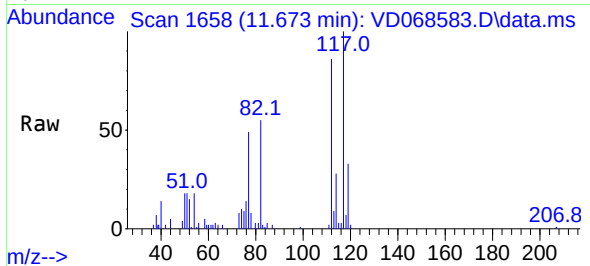
Tgt Ion:164 Resp: 8760
Ion Ratio Lower Upper
164 100
166 120.8 105.5 158.3
129 103.1 75.6 113.4
131 95.0 72.4 108.6



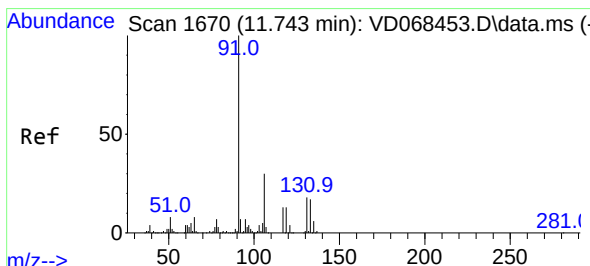
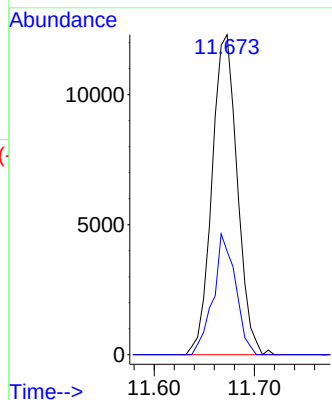
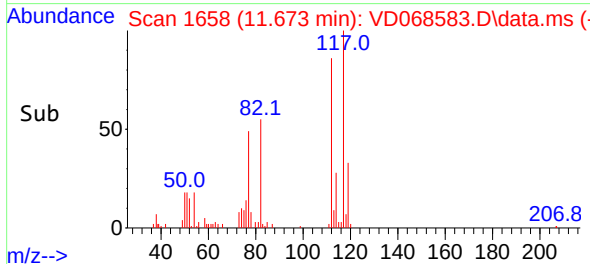


#65
Chlorobenzene
Concen: 2.62 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

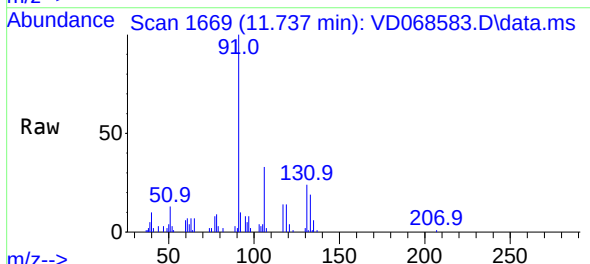
Instrument :
MSVOA_D
ClientSampled :
MDL01



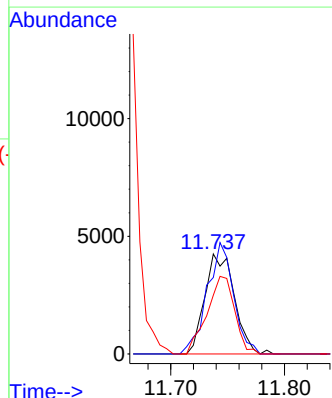
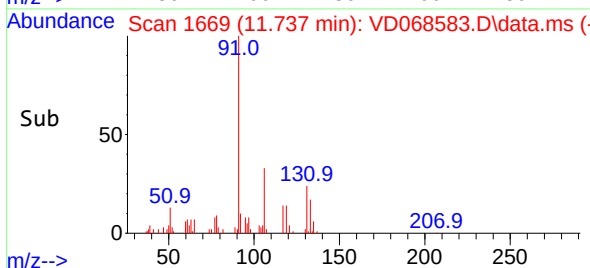
Tgt Ion:112 Resp: 21593
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

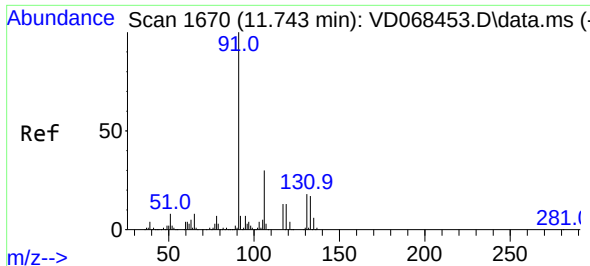


#66
1,1,1,2-Tetrachloroethane
Concen: 2.69 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



Tgt Ion:131 Resp: 7696
Ion Ratio Lower Upper
131 100
133 99.3 48.1 144.4
119 72.5 31.6 94.8





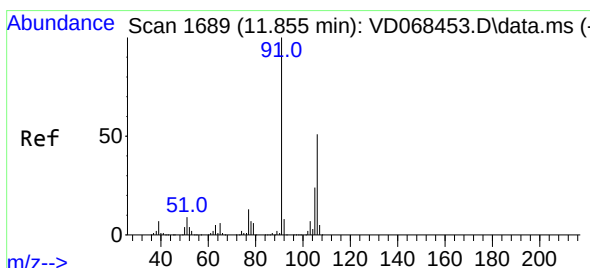
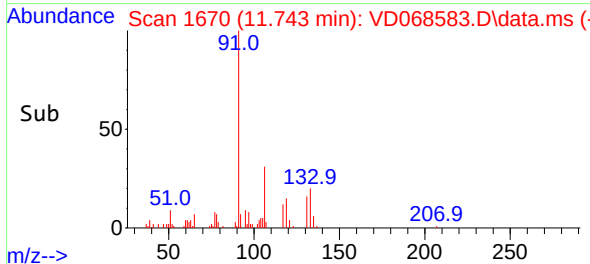
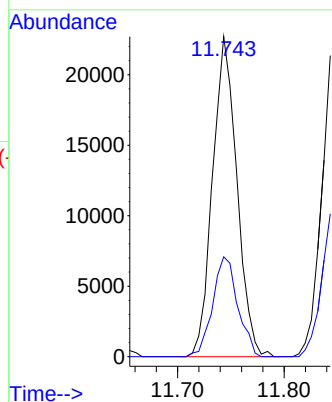
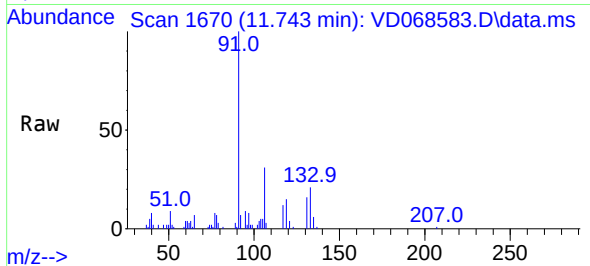
#67
Ethyl Benzene
Concen: 2.45 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Instrument :
MSVOA_D
ClientSampleId :
MDL01

Tgt Ion: 91 Resp: 36019
Ion Ratio Lower Upper
91 100
106 31.2 25.9 38.9

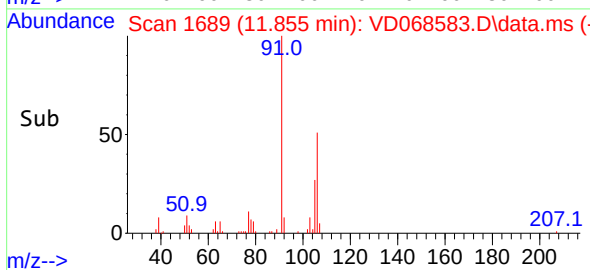
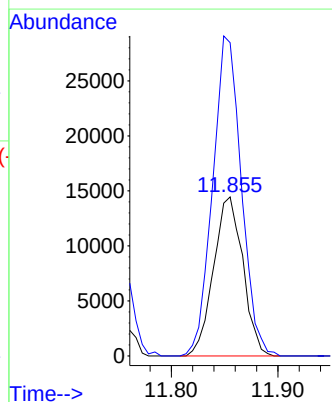
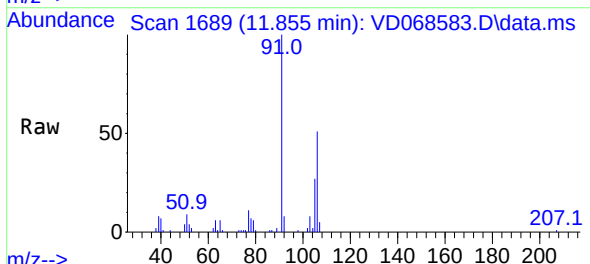
Manual Integrations
APPROVED

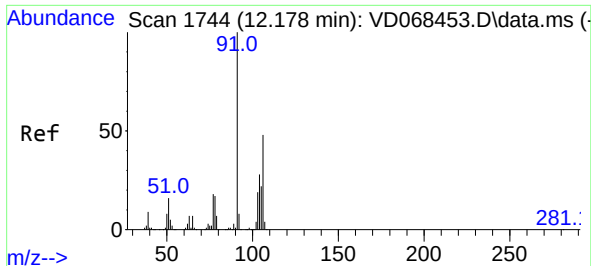
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#68
m/p-Xylenes
Concen: 4.95 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 106 Resp: 27654
Ion Ratio Lower Upper
106 100
91 196.4 159.1 238.7





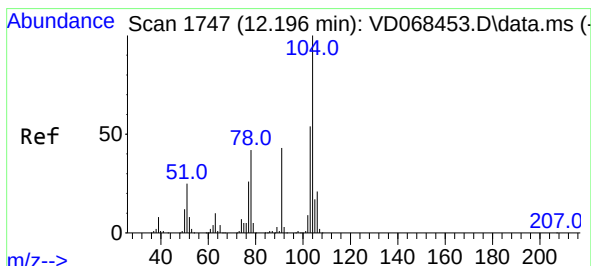
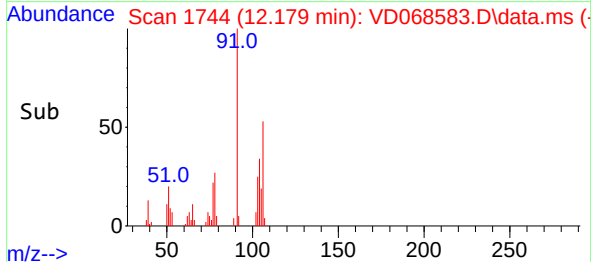
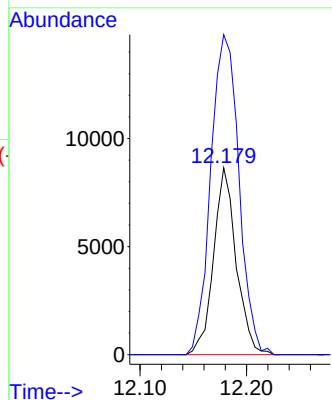
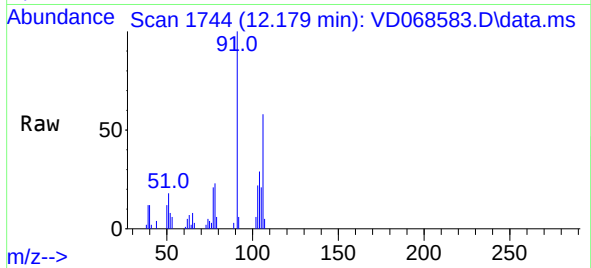
#69
o-Xylene
Concen: 2.48 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion:106 Resp: 12771
Ion Ratio Lower Upper
106 100
91 213.0 108.7 325.9

Instrument :
MSVOA_D
ClientSampled :
MDL01

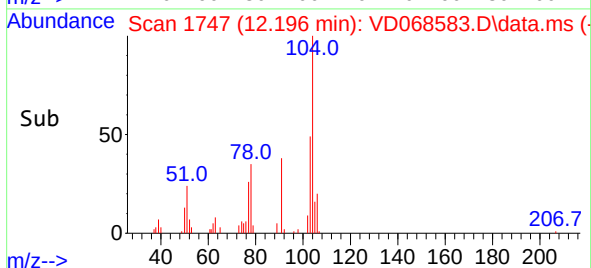
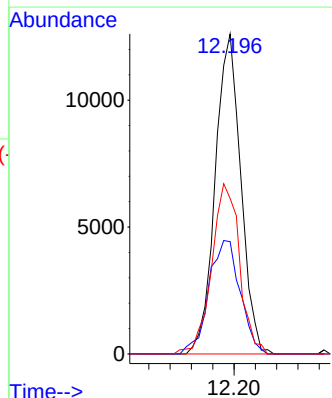
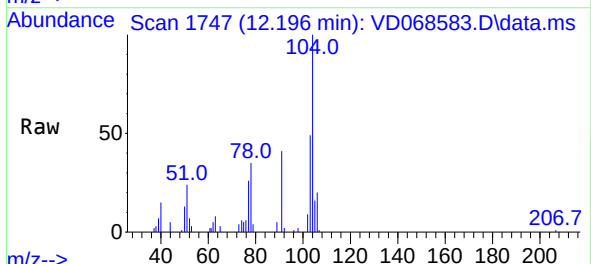
Manual Integrations
APPROVED

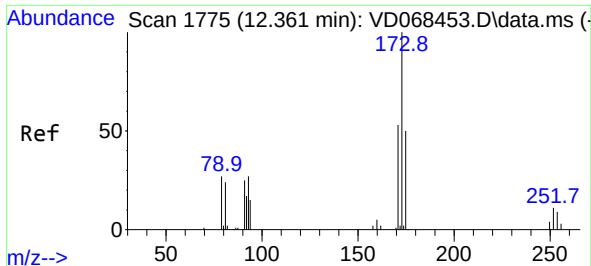
MMDadoda
3/12/2021 2:01:27 PM



#70
Styrene
Concen: 2.39 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion:104 Resp: 21027
Ion Ratio Lower Upper
104 100
78 43.5 38.2 57.2
103 57.7 43.1 64.7





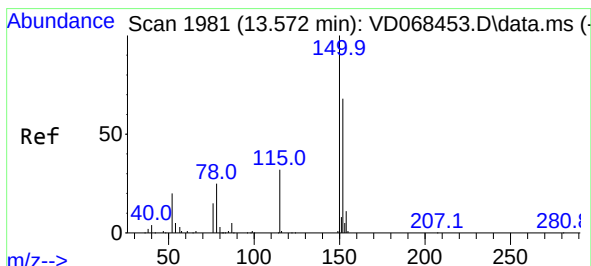
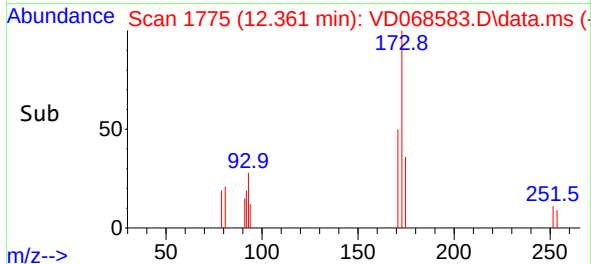
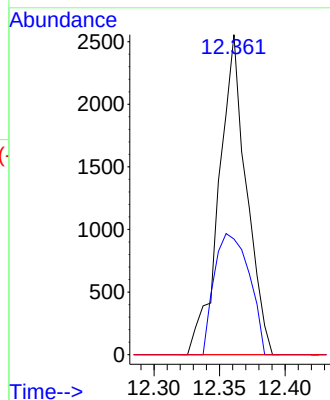
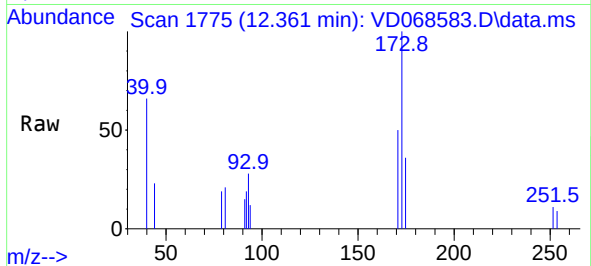
#71
Bromoform
Concen: 2.56 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion:173 Resp: 3721
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.8
254 0.0 0.0 0.0

Instrument :
MSVOA_D
ClientSampled :
MDL01

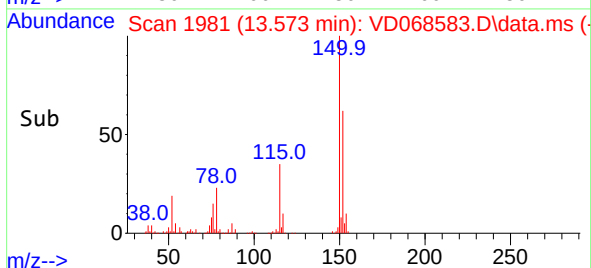
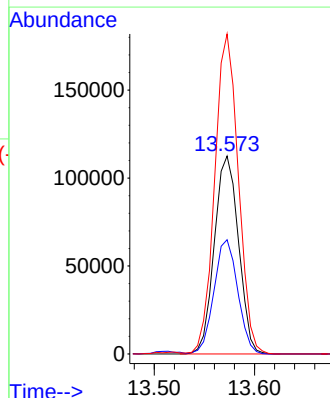
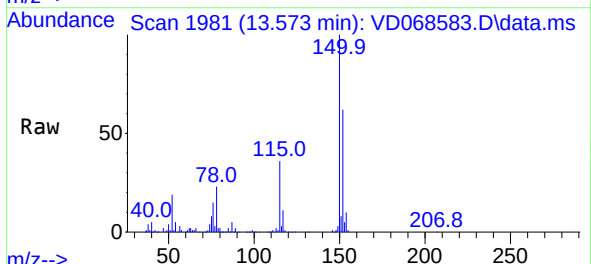
Manual Integrations
APPROVED

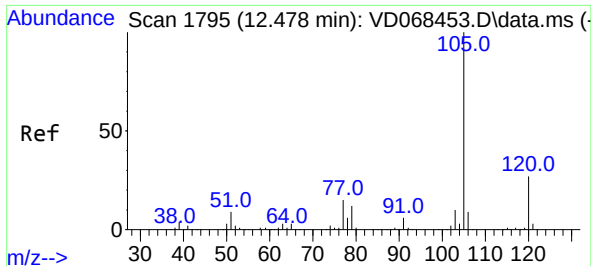
MMDadoda
3/12/2021 2:01:27 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion:152 Resp: 188089
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.8
150 158.3 0.0 344.4





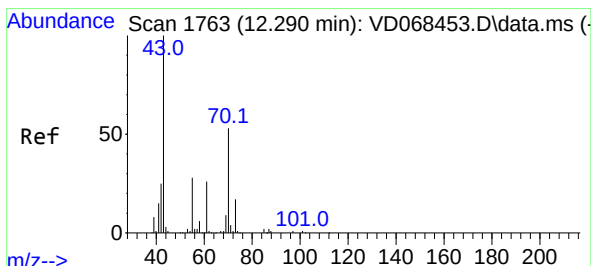
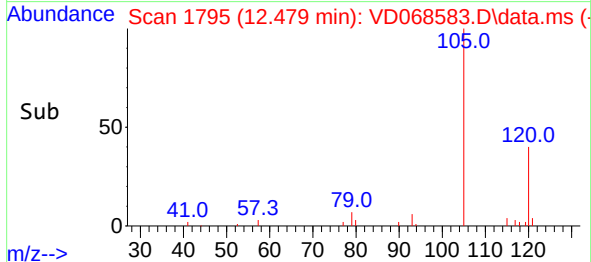
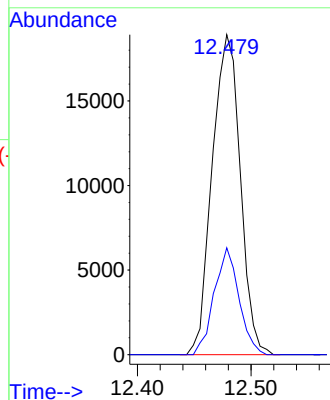
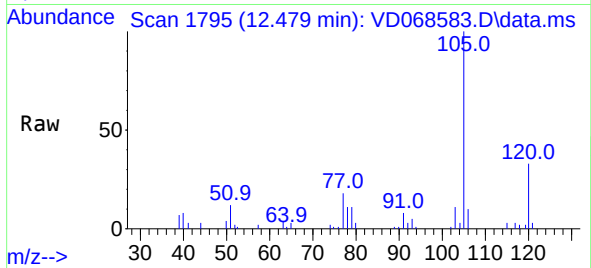
#73
Isopropylbenzene
Concen: 2.33 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 105 Resp: 32474
Ion Ratio Lower Upper
105 100
120 29.5 13.2 39.6

Instrument :
MSVOA_D
ClientSampled :
MDL01

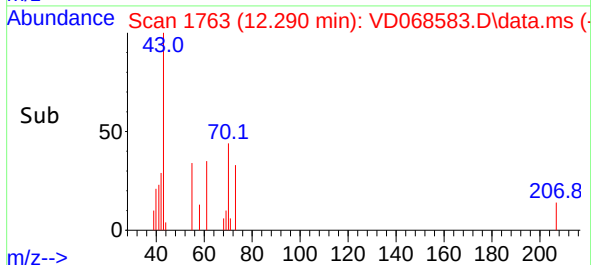
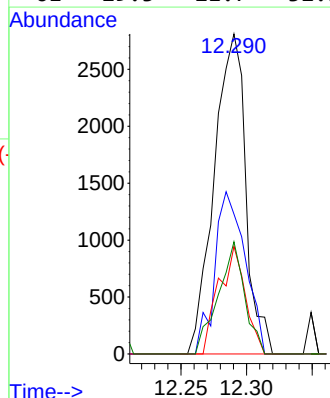
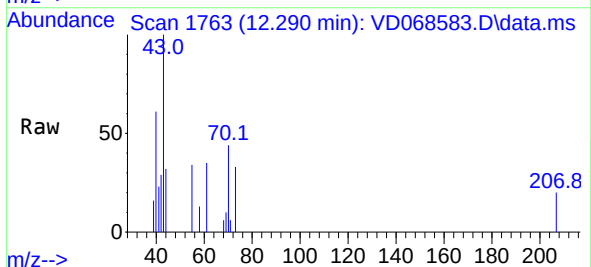
Manual Integrations
APPROVED

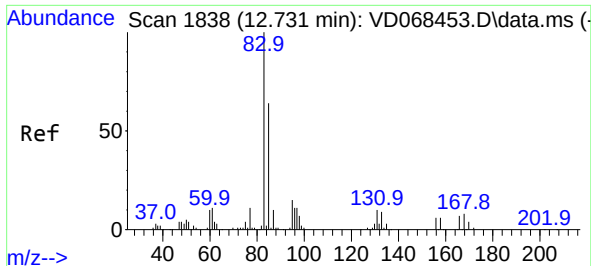
MMDadoda
3/12/2021 2:01:27 PM



#74
N-ethyl acetate
Concen: 1.98 ug/l
RT: 12.290 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 43 Resp: 4709
Ion Ratio Lower Upper
43 100
70 48.8 41.8 62.8
55 28.3 24.2 36.4
61 29.3 21.7 32.5





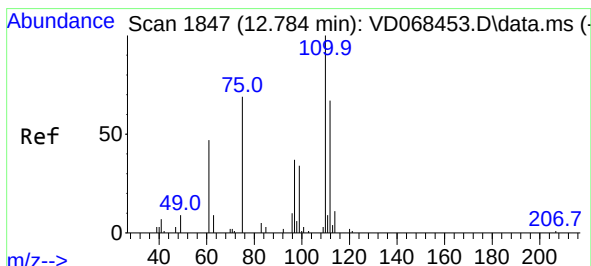
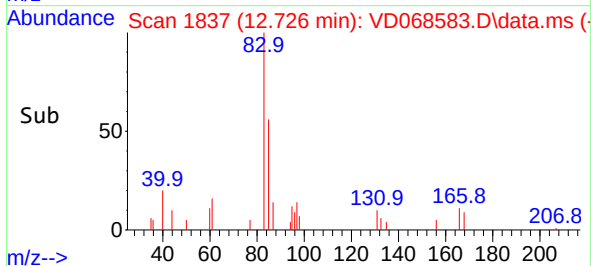
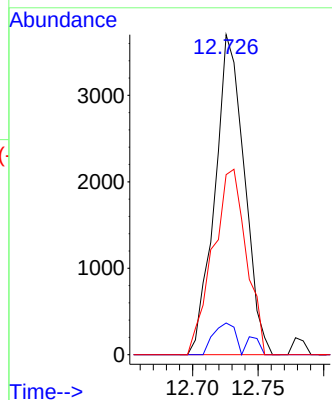
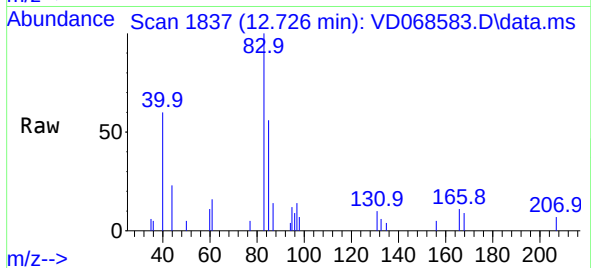
#75
1,1,2,2-Tetrachloroethane
Concen: 2.41 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. -0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 83 Resp: 5794
Ion Ratio Lower Upper
83 100
131 7.3 5.8 17.4
85 65.6 32.4 97.2

Instrument :
MSVOA_D
ClientSampled :
MDL01

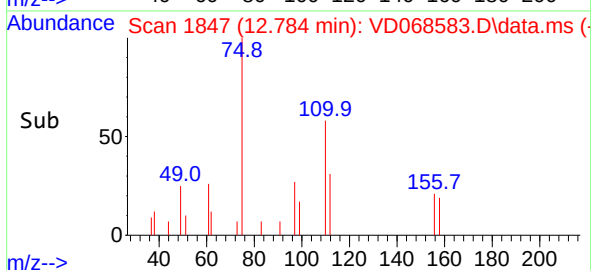
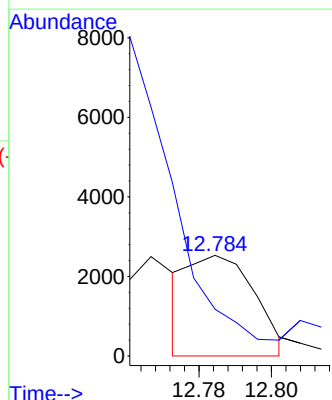
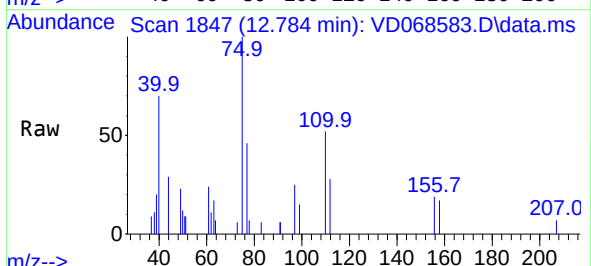
Manual Integrations
APPROVED

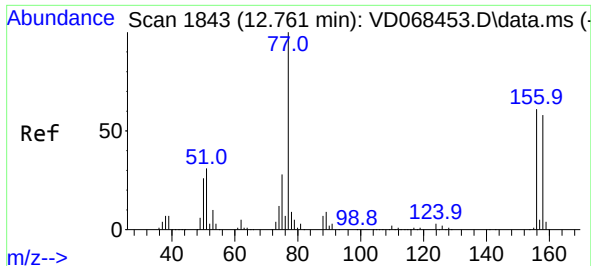
MMDadoda
3/12/2021 2:01:27 PM



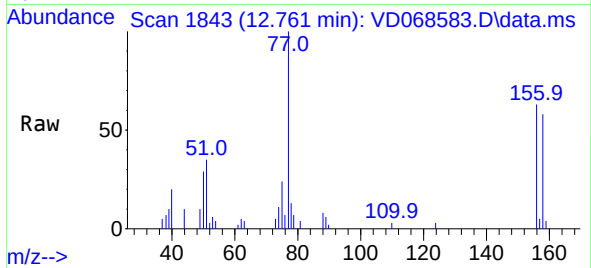
#76
1,2,3-Trichloropropane
Concen: 1.93 ug/l m
RT: 12.784 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 75 Resp: 3215
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

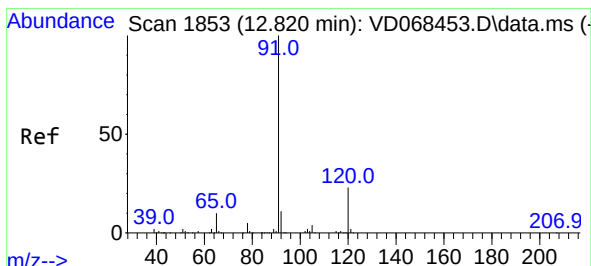
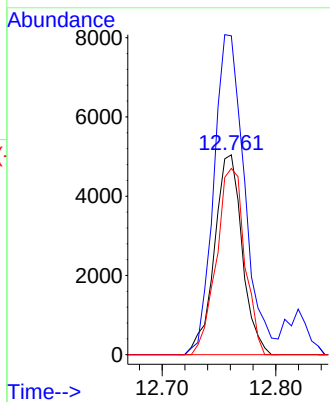
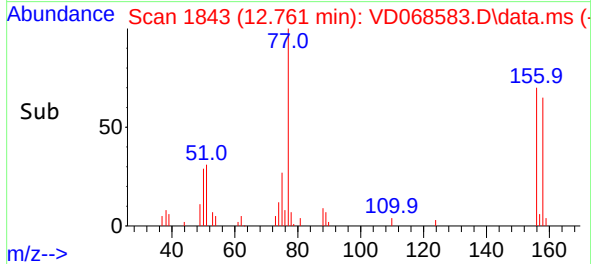




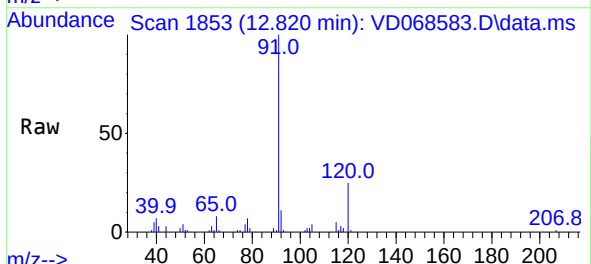
#77
Bromobenzene
Concen: 2.70 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



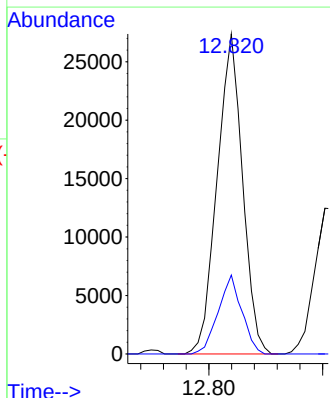
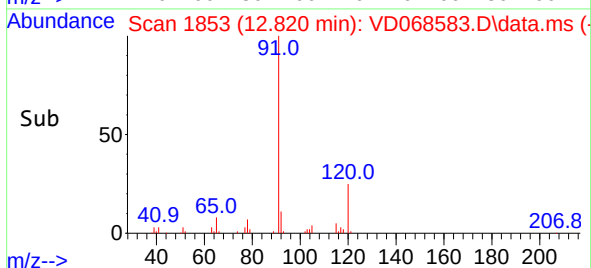
Tgt Ion:156 Resp: 8597
Ion Ratio Lower Upper
156 100
77 177.2 82.8 248.3
158 94.6 48.0 144.0



#78
n-propylbenzene
Concen: 2.55 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



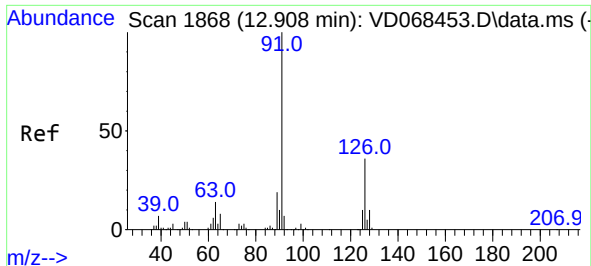
Tgt Ion: 91 Resp: 42502
Ion Ratio Lower Upper
91 100
120 22.9 12.0 36.0



Instrument :
MSVOA_D
ClientSampled :
MDL01

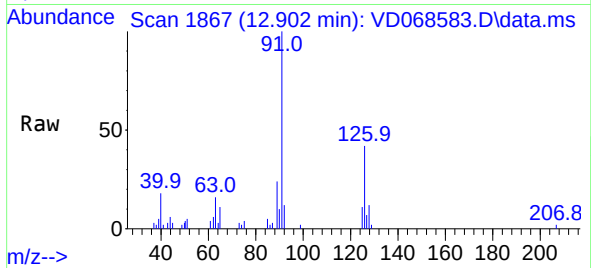
Manual Integrations
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#79
2-Chlorotoluene
Concen: 2.49 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

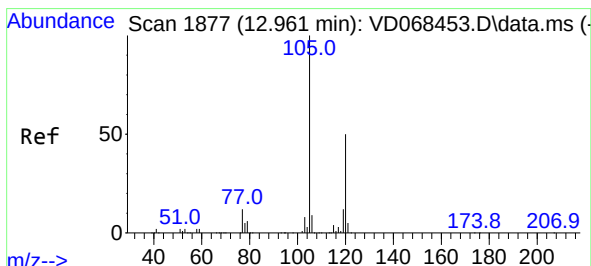
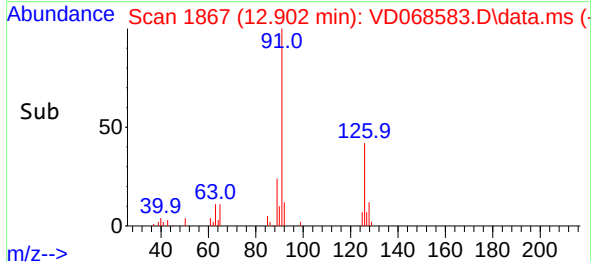
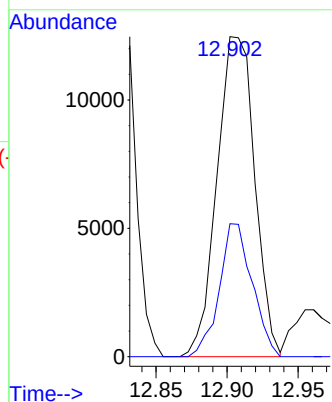
Instrument :
MSVOA_D
ClientSampled :
MDL01



Tgt Ion: 91 Resp: 23029
Ion Ratio Lower Upper
91 100
126 36.2 17.8 53.5

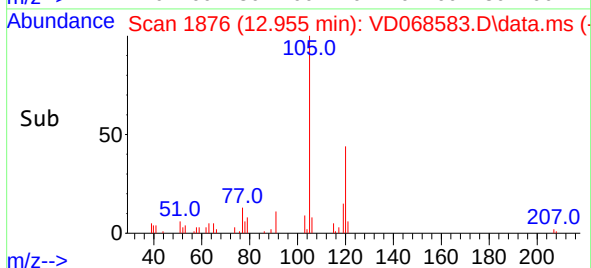
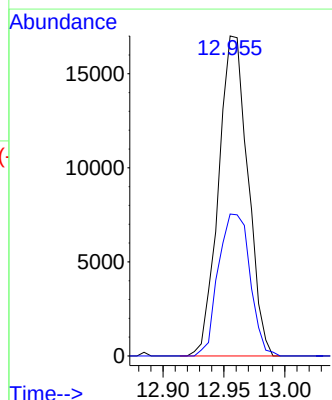
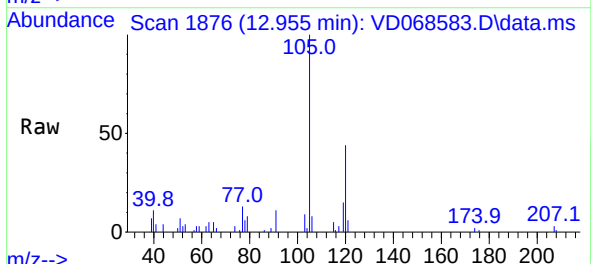
Manual Integrations
APPROVED

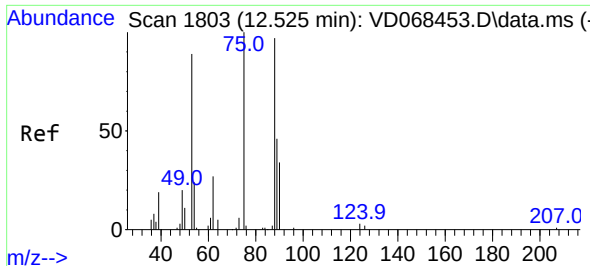
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 2.50 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

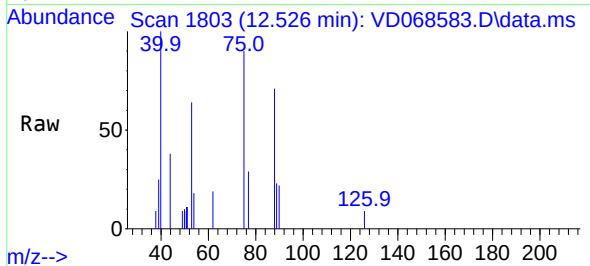
Tgt Ion: 105 Resp: 28549
Ion Ratio Lower Upper
105 100
120 47.8 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 2.94 ug/l m
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

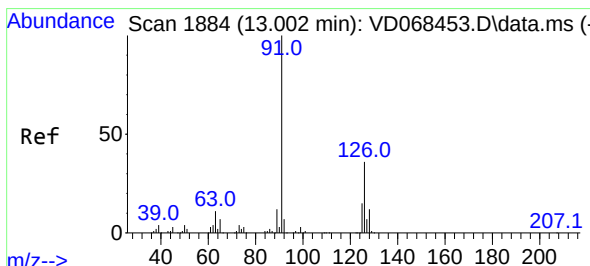
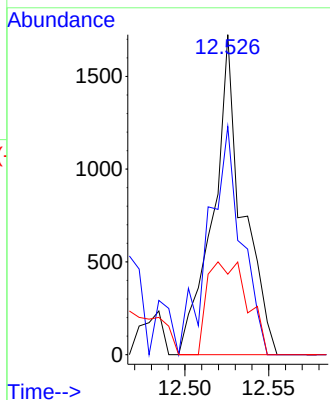
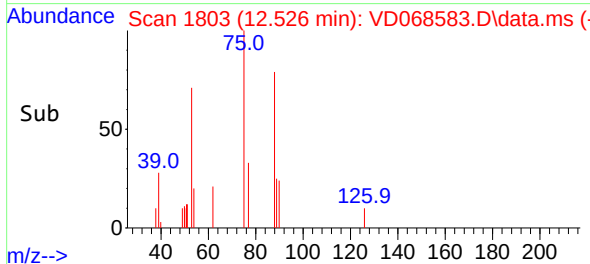
Instrument :
MSVOA_D
ClientSampleId :
MDL01



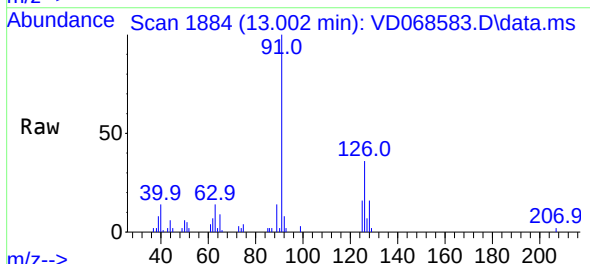
Tgt Ion: 75 Resp: 2106
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 15.5 40.3 60.5#

Manual Integrations
APPROVED

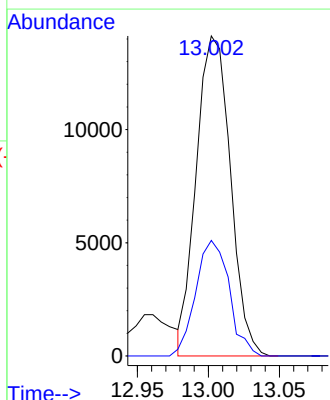
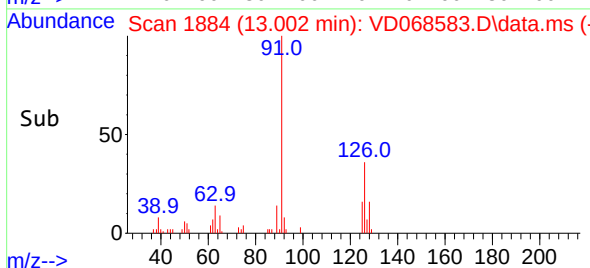
MMDadoda
3/12/2021 2:01:27 PM

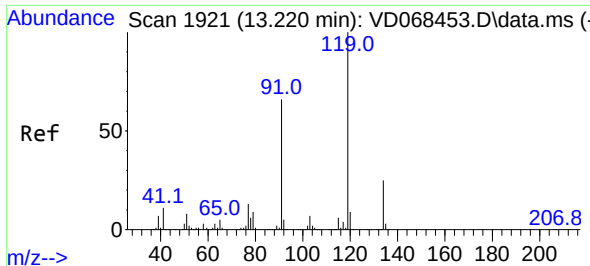


#82
4-Chlorotoluene
Concen: 2.42 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



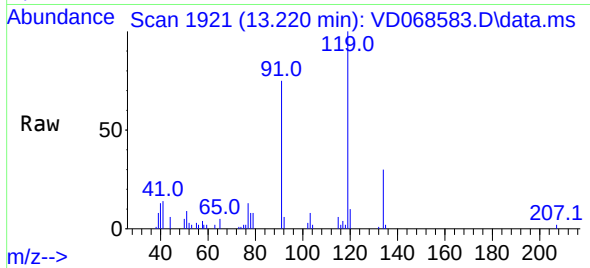
Tgt Ion: 91 Resp: 23595
Ion Ratio Lower Upper
91 100
126 35.3 17.7 53.1





#83
tert-Butylbenzene
Concen: 2.25 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

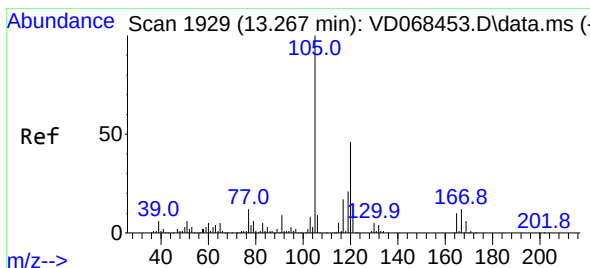
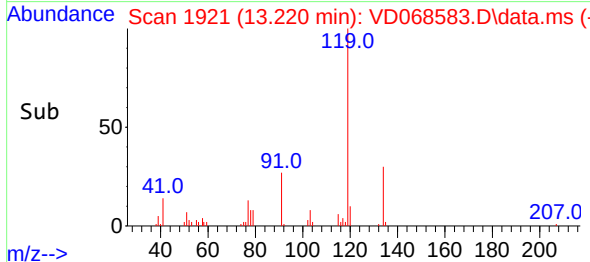
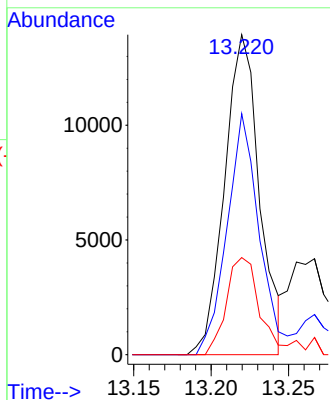
Instrument :
MSVOA_D
ClientSampled :
MDL01



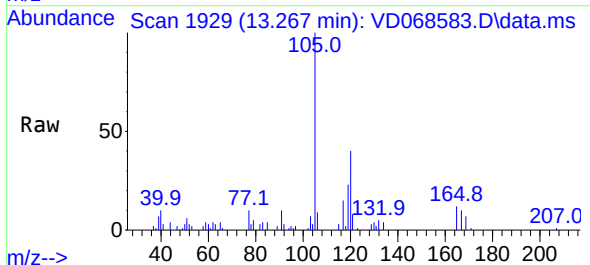
Tgt Ion:119 Resp: 21873
Ion Ratio Lower Upper
119 100
91 69.5 31.1 93.5
134 28.8 13.3 39.8

Manual Integrations
APPROVED

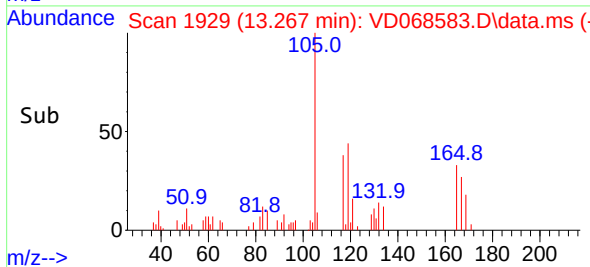
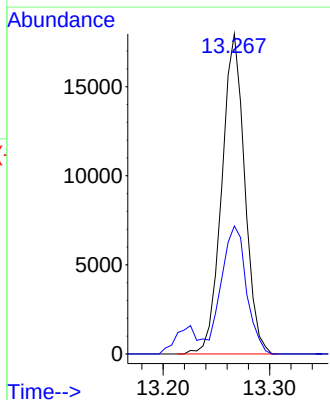
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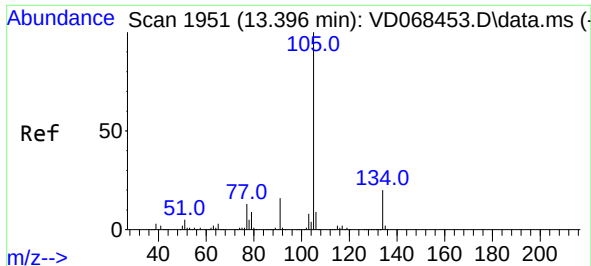


#84
1,2,4-Trimethylbenzene
Concen: 2.34 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

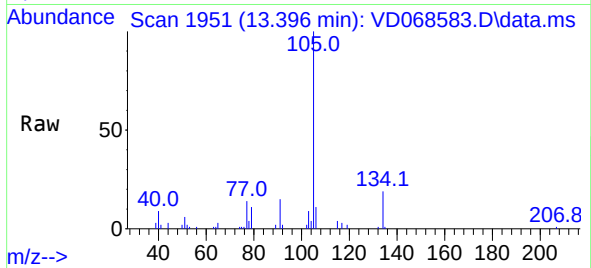


Tgt Ion:105 Resp: 26822
Ion Ratio Lower Upper
105 100
120 42.9 22.4 67.0

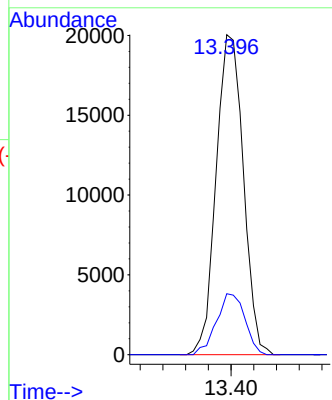




#85
sec-Butylbenzene
Concen: 2.42 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



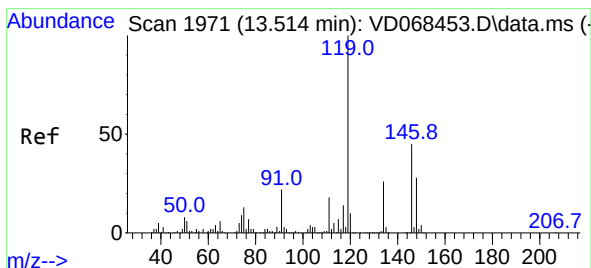
Tgt Ion:105 Resp: 33315
Ion Ratio Lower Upper
105 100
134 20.0 10.3 30.9



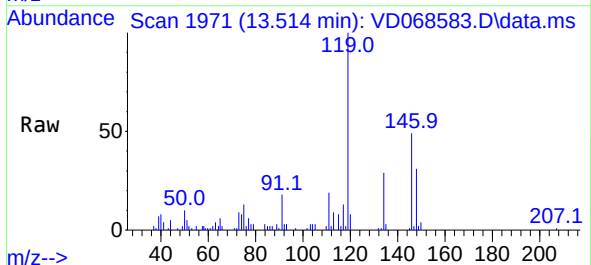
Instrument :
MSVOA_D
ClientSampleId :
MDL01

Manual Integrations
APPROVED

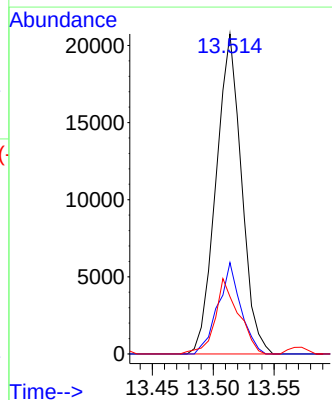
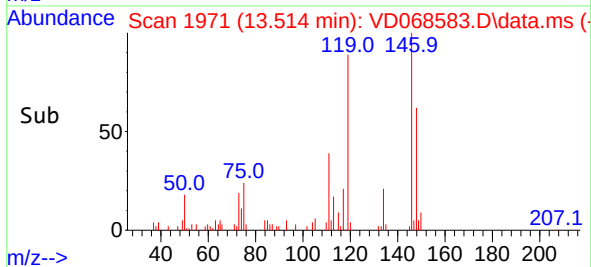
MMDadoda
3/12/2021 2:01:27 PM

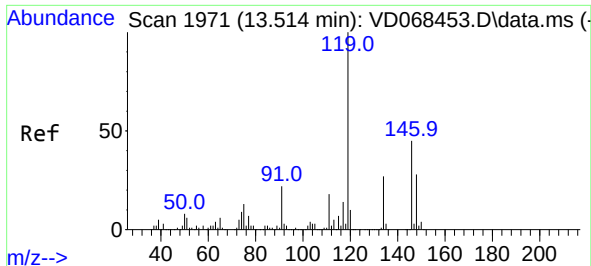


#86
p-Isopropyltoluene
Concen: 2.42 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

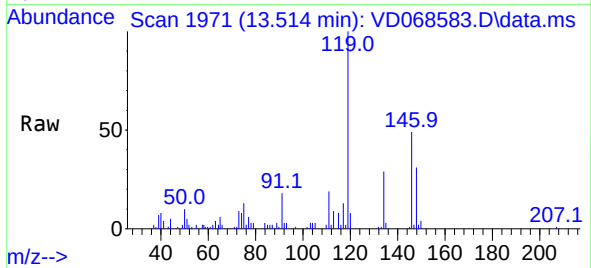


Tgt Ion:119 Resp: 30214
Ion Ratio Lower Upper
119 100
134 25.6 12.9 38.7
91 21.7 11.7 35.0

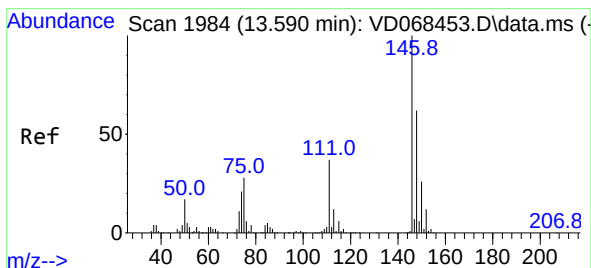
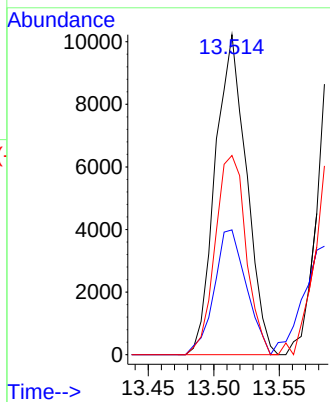
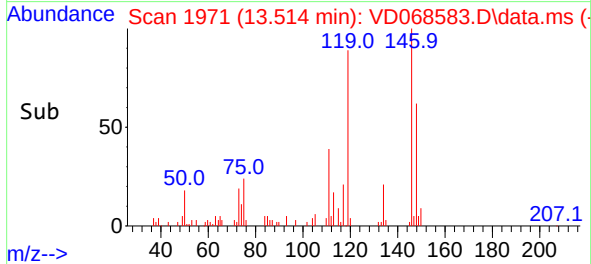




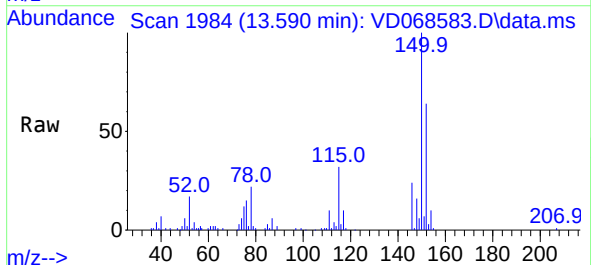
#87
1,3-Dichlorobenzene
Concen: 2.75 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



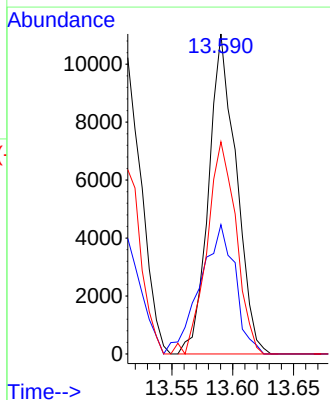
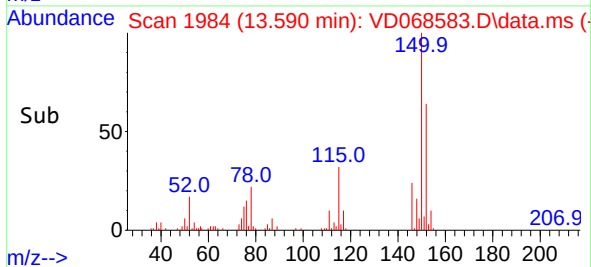
Tgt Ion:146 Resp: 16926
Ion Ratio Lower Upper
146 100
111 40.3 19.5 58.5
148 61.8 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 2.86 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



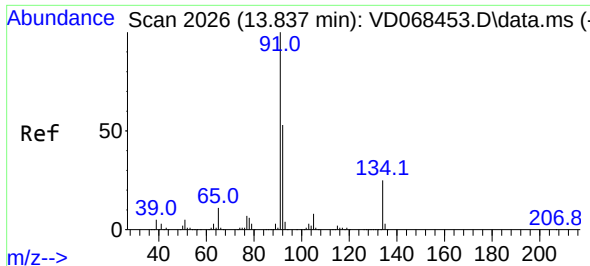
Tgt Ion:146 Resp: 17408
Ion Ratio Lower Upper
146 100
111 51.2 19.1 57.1
148 70.1 31.9 95.7



Instrument :
MSVOA_D
ClientSampled :
MDL01

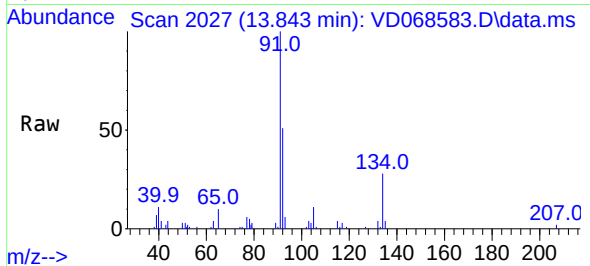
Manual Integrations
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#89
n-Butylbenzene
Concen: 2.35 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. 0.006 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

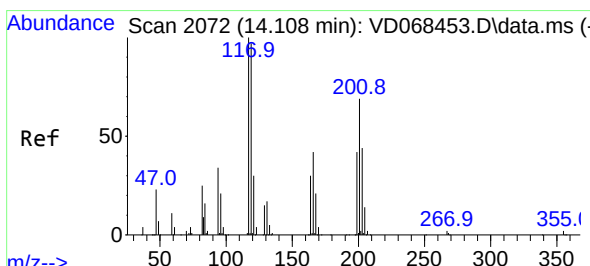
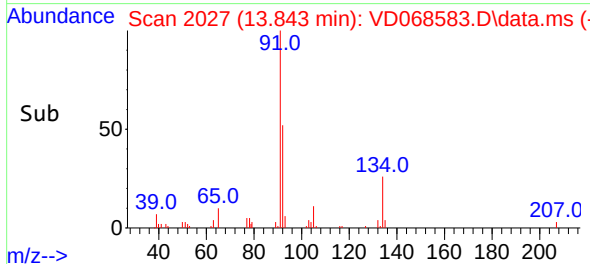
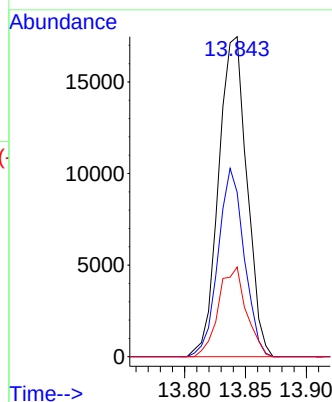
Instrument :
MSVOA_D
ClientSampled :
MDL01



Tgt Ion: 91 Resp: 28271
Ion Ratio Lower Upper
91 100
92 54.1 27.2 81.6
134 27.4 13.9 41.7

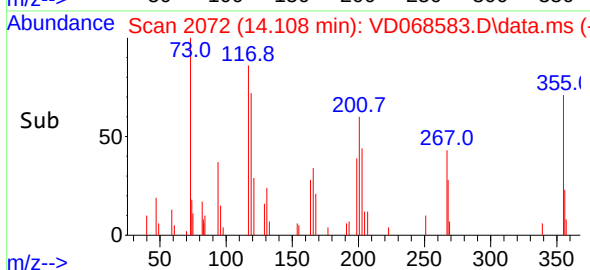
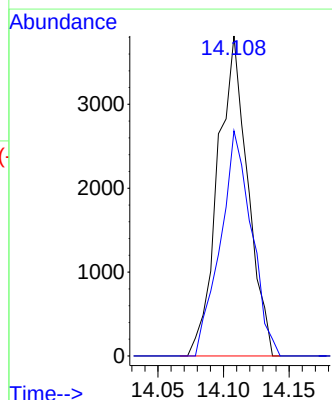
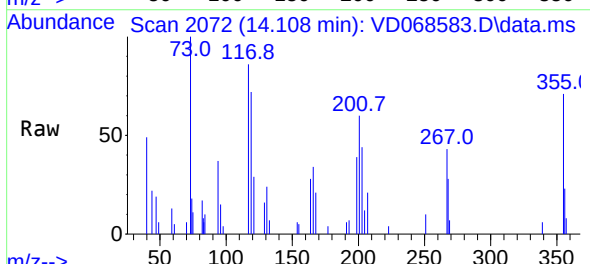
Manual Integrations
APPROVED

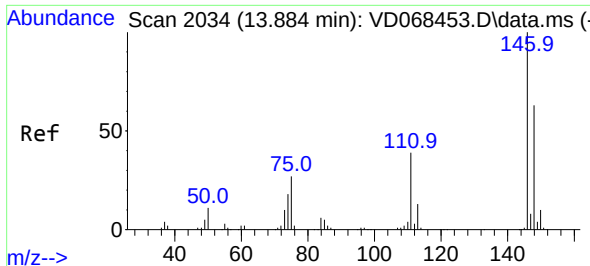
MMDadoda
3/12/2021 2:01:27 PM



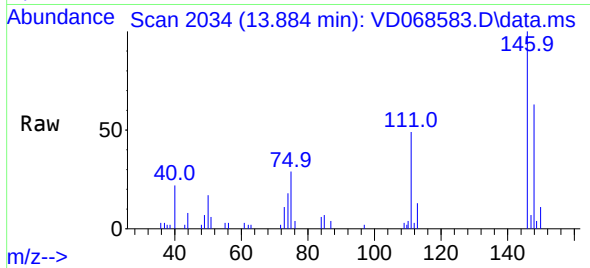
#90
Hexachloroethane
Concen: 2.45 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion: 117 Resp: 6073
Ion Ratio Lower Upper
117 100
201 73.2 39.5 118.5

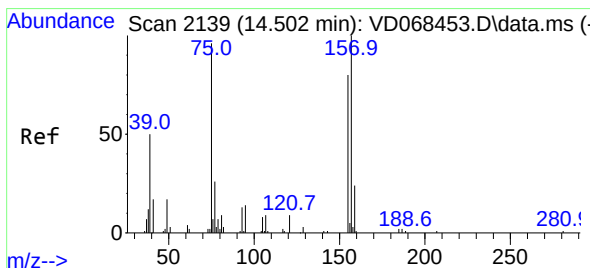
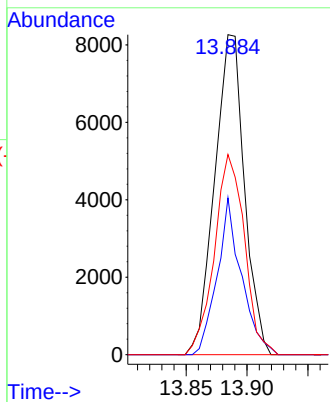
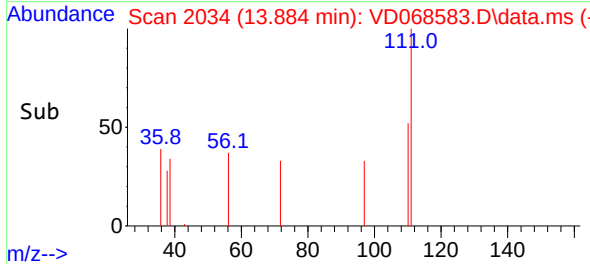




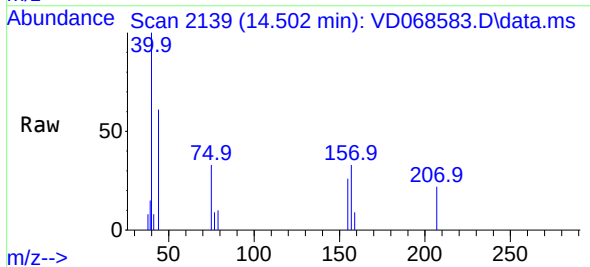
#91
1,2-Dichlorobenzene
Concen: 2.67 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



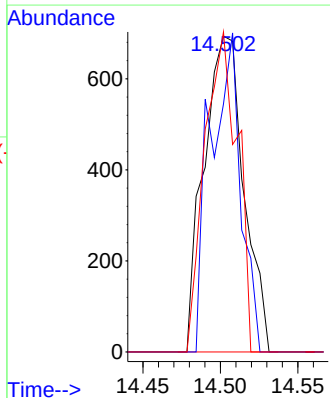
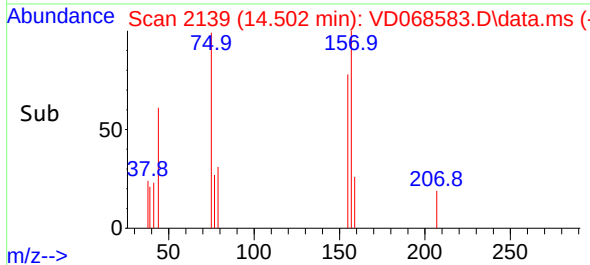
Tgt Ion:146 Resp: 14070
Ion Ratio Lower Upper
146 100
111 40.0 20.3 60.9
148 63.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.94 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



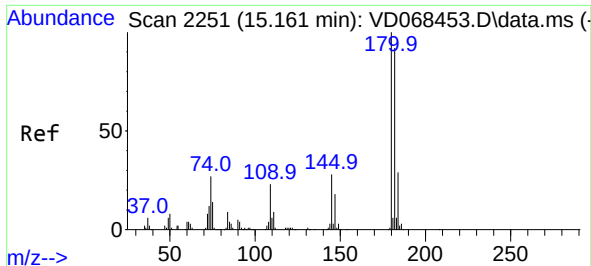
Tgt Ion: 75 Resp: 1245
Ion Ratio Lower Upper
75 100
155 76.6 48.0 144.2
157 83.0 65.0 194.8



Instrument :
MSVOA_D
ClientSampled :
MDL01

Manual Integrations
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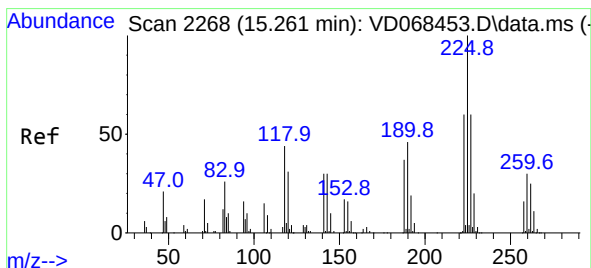
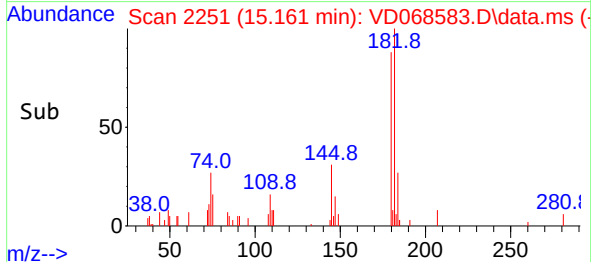
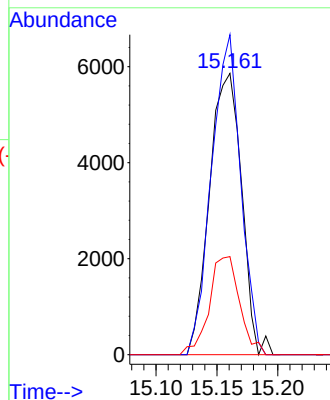
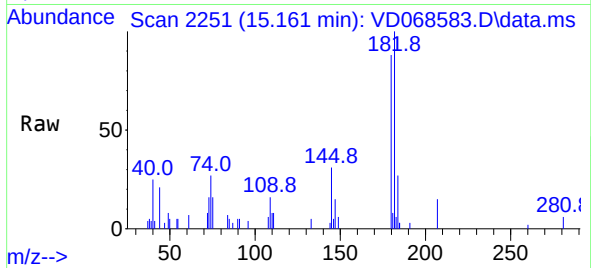
#93
1,2,4-Trichlorobenzene
Concen: 2.64 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion:	180	Resp:	10768
Ion Ratio	Lower	Upper	
180	100		
182	103.3	46.8	140.4
145	33.1	15.2	45.5

Instrument :
MSVOA_D
ClientSampled :
MDL01

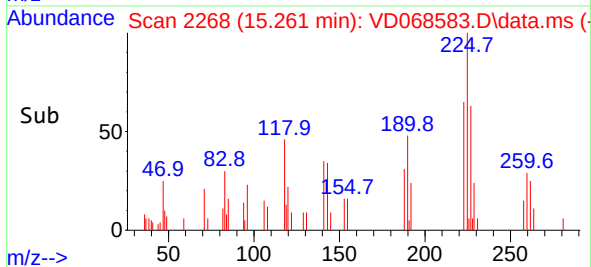
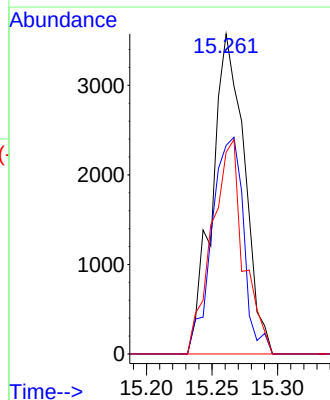
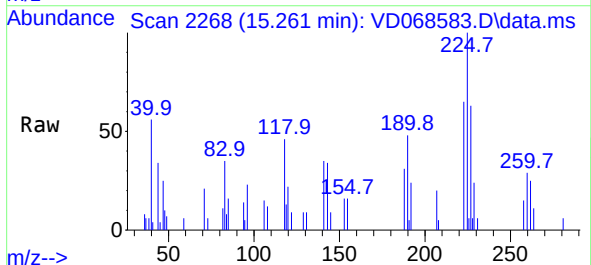
Manual Integrations
APPROVED

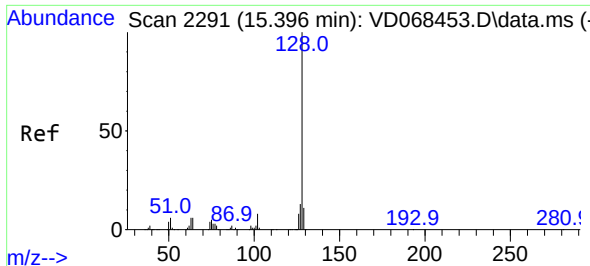
MMDadoda
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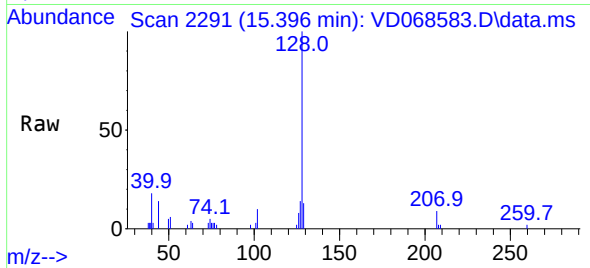
#94
Hexachlorobutadiene
Concen: 2.70 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

Tgt Ion:	225	Resp:	6115
Ion Ratio	Lower	Upper	
225	100		
223	66.7	31.9	95.5
227	65.7	32.1	96.5



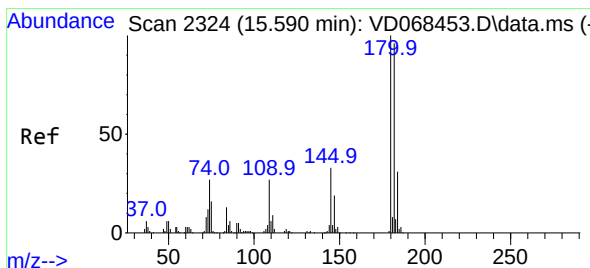
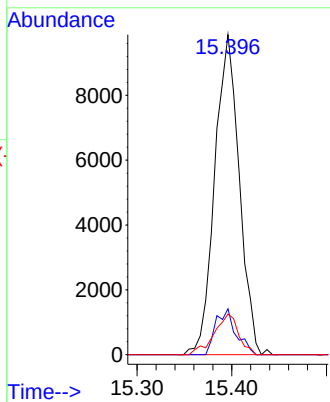
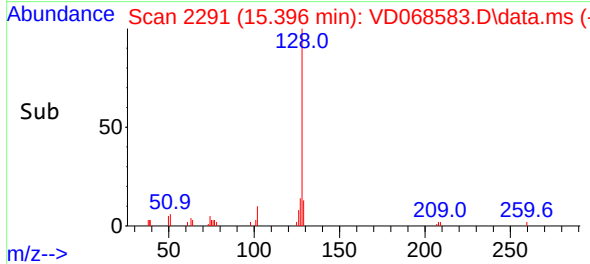


#95
Naphthalene
Concen: 2.41 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17

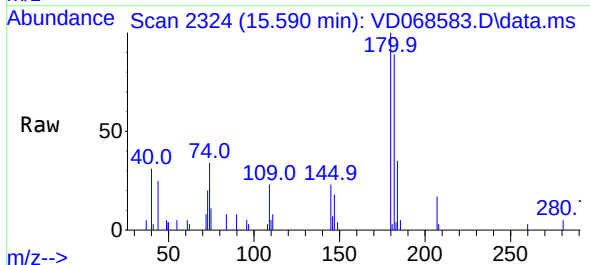


Tgt Ion:128 Resp: 17792

Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.2	15.2
129	12.6	8.8	13.2

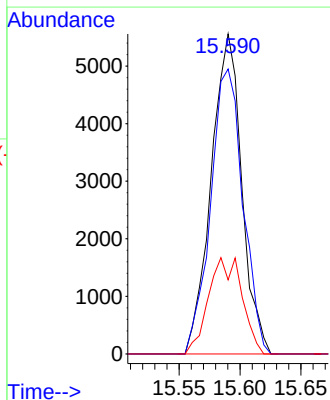
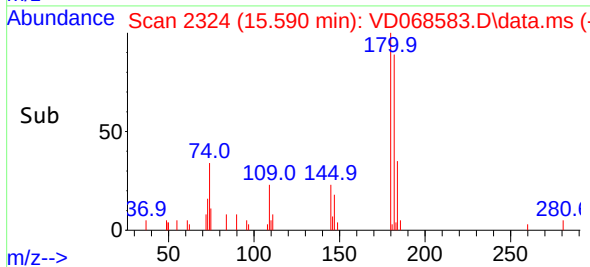


#96
1,2,3-Trichlorobenzene
Concen: 2.75 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068583.D
Acq: 11 Mar 2021 14:17



Tgt Ion:180 Resp: 9708

Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.3	144.8
145	32.9	16.7	50.1



Instrument :
MSVOA_D
ClientSampled :
MDL01

Manual Integrations
APPROVED

MMDadoda
3/12/2021 2:01:27 PM