

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073191.D
 Acq On : 20 May 2022 18:54
 Operator : VA/SY
 Sample : VD0520SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0520SBS01

Quant Time: May 21 00:16:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	322774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	555291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	532696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	258973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	184935	51.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.680%	
35) Dibromofluoromethane	7.908	113	189742	51.783	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.560%	
50) Toluene-d8	10.332	98	698741	51.732	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	12.620	95	250037	52.748	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	64081	19.868	ug/l	96
3) Chloromethane	2.209	50	71883	19.710	ug/l	98
4) Vinyl Chloride	2.344	62	62317	18.686	ug/l	95
5) Bromomethane	2.750	94	47264	19.658	ug/l	99
6) Chloroethane	2.909	64	40565	19.787	ug/l	100
7) Trichlorofluoromethane	3.268	101	115914	19.657	ug/l	98
8) Diethyl Ether	3.703	74	31362	19.355	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	68183	19.379	ug/l	97
10) Methyl Iodide	4.291	142	68414	18.023	ug/l	98
11) Tert butyl alcohol	5.220	59	37292	67.383	ug/l #	89
12) 1,1-Dichloroethene	4.062	96	60569	18.672	ug/l	89
13) Acrolein	3.920	56	29309	125.244	ug/l	99
14) Allyl chloride	4.709	41	95396	18.219	ug/l	92
15) Acrylonitrile	5.415	53	77130	104.097	ug/l	99
16) Acetone	4.162	43	57790	93.533	ug/l #	88
17) Carbon Disulfide	4.403	76	196724	18.294	ug/l	99
18) Methyl Acetate	4.715	43	38455	22.382	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	145927	19.747	ug/l	99
20) Methylene Chloride	4.956	84	109465	26.016	ug/l	86
21) trans-1,2-Dichloroethene	5.467	96	77148	19.670	ug/l	90
22) Diisopropyl ether	6.356	45	221756	20.203	ug/l	96
23) Vinyl Acetate	6.303	43	578648	98.834	ug/l #	94
24) 1,1-Dichloroethane	6.262	63	138347	19.637	ug/l	99
25) 2-Butanone	7.209	43	88783	98.216	ug/l	99
26) 2,2-Dichloropropane	7.197	77	109676	18.254	ug/l	96
27) cis-1,2-Dichloroethene	7.209	96	84875	19.558	ug/l	89
28) Bromochloromethane	7.538	49	48127	19.828	ug/l	85
29) Tetrahydrofuran	7.556	42	59577	101.926	ug/l	92
30) Chloroform	7.703	83	149481	20.323	ug/l	98
31) Cyclohexane	7.985	56	112545	18.055	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	123446	19.189	ug/l	97
36) 1,1-Dichloropropene	8.108	75	104682	18.996	ug/l	97
37) Ethyl Acetate	7.285	43	45916	21.094	ug/l #	95
38) Carbon Tetrachloride	8.097	117	106663	19.094	ug/l	96
39) Methylcyclohexane	9.350	83	105787	17.225	ug/l	95
40) Benzene	8.344	78	313140	19.716	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	21740	17.142	ug/l #	84
42) 1,2-Dichloroethane	8.420	62	89685	20.294	ug/l	97
43) Isopropyl Acetate	8.444	43	80613	20.036	ug/l	91
44) Trichloroethene	9.103	130	82422	19.461	ug/l	92
45) 1,2-Dichloropropane	9.379	63	77767	19.443	ug/l	94
46) Dibromomethane	9.467	93	43864	19.968	ug/l	98
47) Bromodichloromethane	9.655	83	112732	20.056	ug/l #	98
48) Methyl methacrylate	9.450	41	41779	20.639	ug/l	91
49) 1,4-Dioxane	9.455	88	9270	408.623	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	211283	101.107	ug/l	95
52) Toluene	10.397	92	200284	19.956	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	101329	19.955	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	120461	19.823	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	60671	20.424	ug/l	96
56) Ethyl methacrylate	10.655	69	65179	19.734	ug/l	90
57) 1,3-Dichloropropane	10.938	76	101310	20.325	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	120979	92.050	ug/l	98
59) 2-Hexanone	10.973	43	139189	101.029	ug/l	96
60) Dibromochloromethane	11.132	129	77828	21.011	ug/l	98
61) 1,2-Dibromoethane	11.238	107	58032	20.444	ug/l	98
64) Tetrachloroethene	10.867	164	65869	18.879	ug/l	97
65) Chlorobenzene	11.661	112	215007	19.675	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	80853	19.949	ug/l	97
67) Ethyl Benzene	11.738	91	366988	19.130	ug/l	100
68) m/p-Xylenes	11.844	106	288434	38.699	ug/l	99
69) o-Xylene	12.167	106	133167	19.449	ug/l	95
70) Styrene	12.185	104	235744	20.012	ug/l	96
71) Bromoform	12.349	173	43932	21.061	ug/l #	98
73) Isopropylbenzene	12.467	105	350752	18.999	ug/l	100
74) N-amyl acetate	12.279	43	77040	19.128	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	70360	20.664	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	86406	34.005	ug/l #	100
77) Bromobenzene	12.749	156	85183	19.600	ug/l	92
78) n-propylbenzene	12.808	91	445261	19.211	ug/l	99
79) 2-Chlorotoluene	12.896	91	259189	19.368	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	307616	19.670	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	21792	20.589	ug/l	87
82) 4-Chlorotoluene	12.991	91	279862	19.952	ug/l	100
83) tert-Butylbenzene	13.208	119	240750	18.265	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	303767	19.661	ug/l	98
85) sec-Butylbenzene	13.391	105	383383	19.049	ug/l	99
86) p-Isopropyltoluene	13.502	119	315006	19.201	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	174639	19.936	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	174187	19.698	ug/l	100
89) n-Butylbenzene	13.826	91	296230	18.951	ug/l	99
90) Hexachloroethane	14.096	117	65552	19.311	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	154285	20.356	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	9657	18.520	ug/l	79
93) 1,2,4-Trichlorobenzene	15.143	180	83773	19.468	ug/l	98
94) Hexachlorobutadiene	15.249	225	46586	19.212	ug/l	97
95) Naphthalene	15.379	128	144777	19.415	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	74075	19.418	ug/l	99

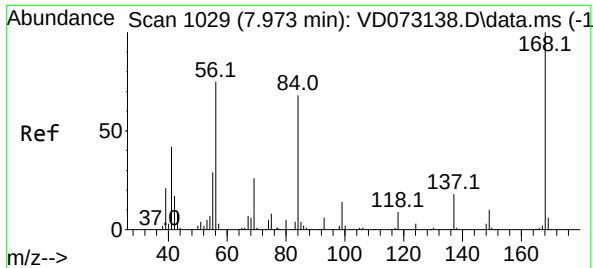
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
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Response via : Initial Calibration

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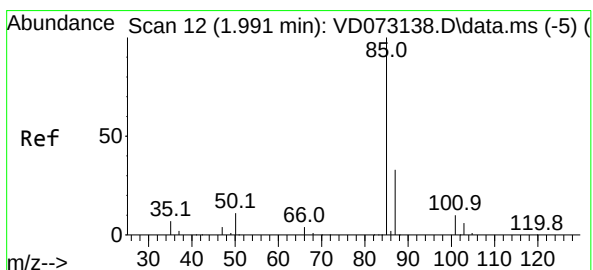
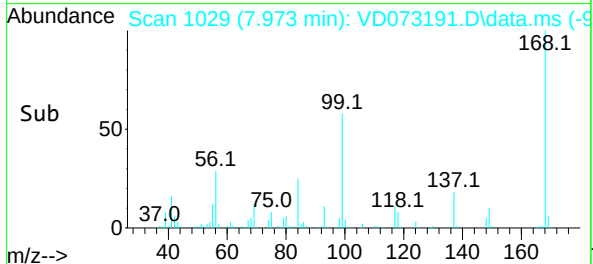
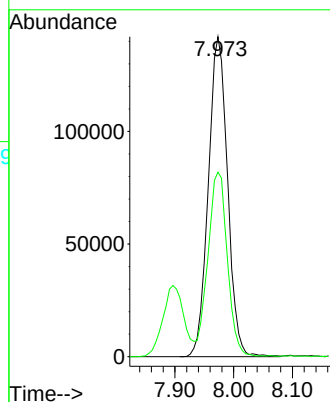
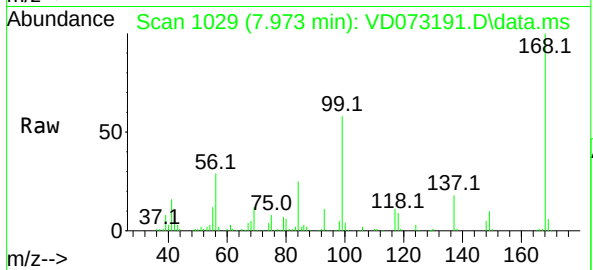
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073191.D
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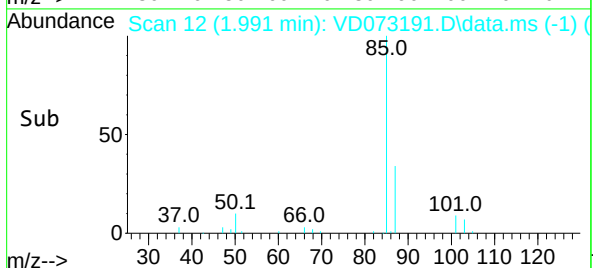
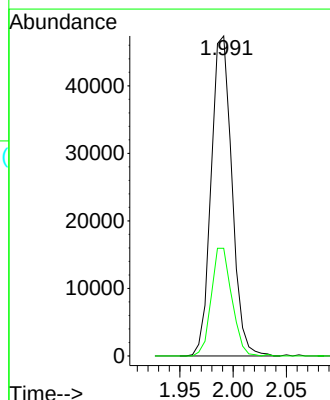
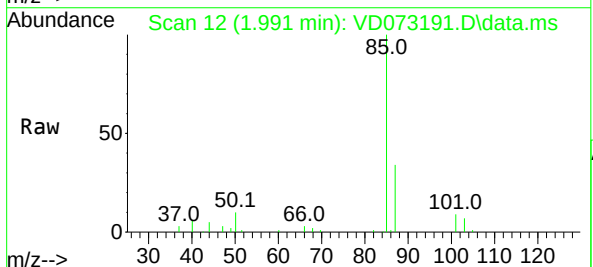
Instrument :
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ClientSampleId :
VD0520SBSD01

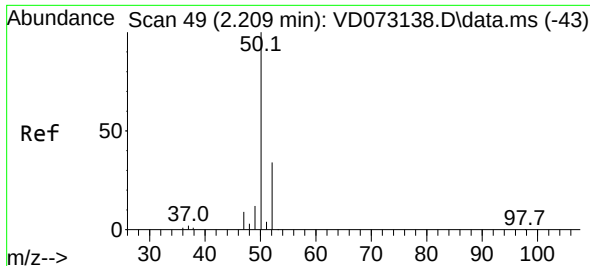
Tgt Ion:168 Resp: 322774
Ion Ratio Lower Upper
168 100
99 57.5 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 19.868 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion: 85 Resp: 64081
Ion Ratio Lower Upper
85 100
87 33.7 15.7 47.0

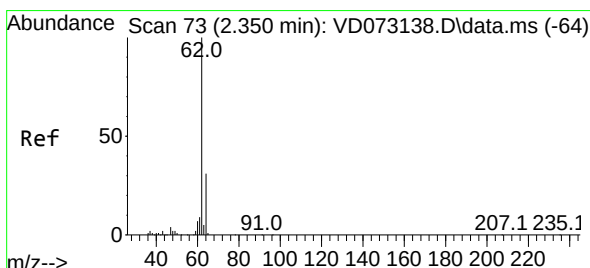
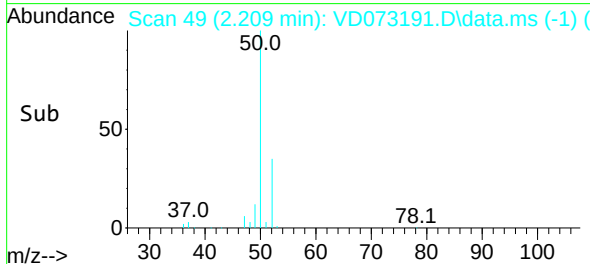
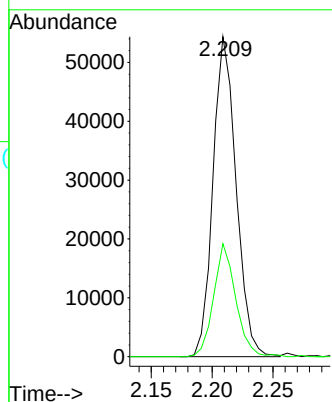
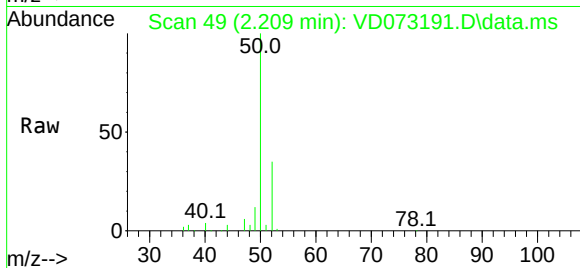




#3
Chloromethane
Concen: 19.710 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

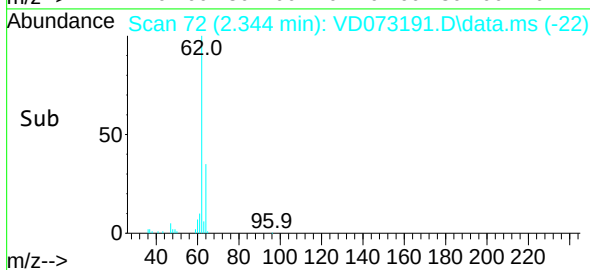
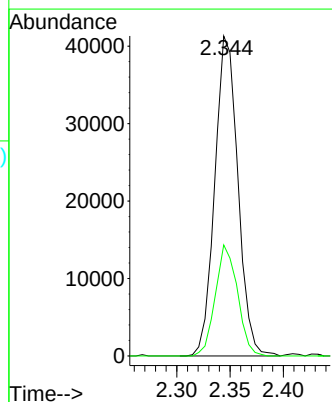
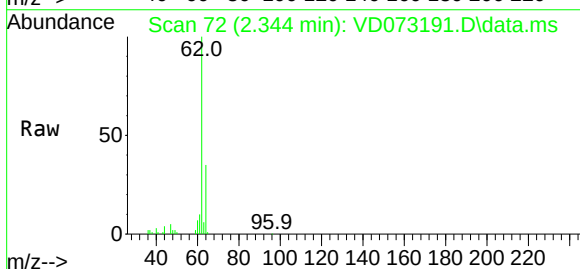
Instrument :
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ClientSampleId :
VD0520SBSD01

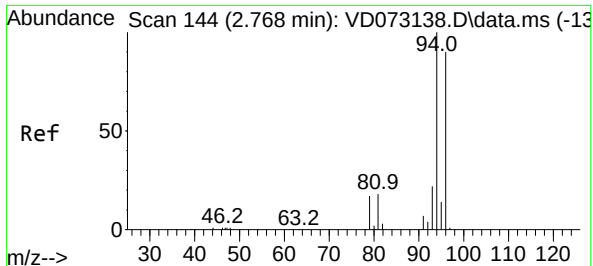
Tgt Ion: 50 Resp: 71883
Ion Ratio Lower Upper
50 100
52 35.3 27.4 41.0



#4
Vinyl Chloride
Concen: 18.686 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion: 62 Resp: 62317
Ion Ratio Lower Upper
62 100
64 34.7 25.4 38.0

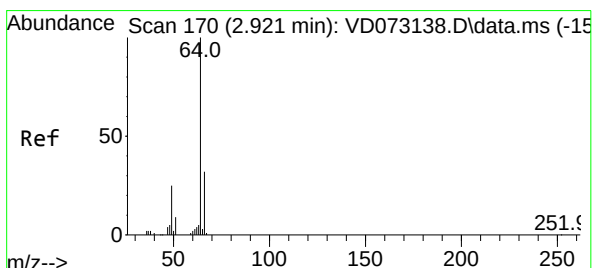
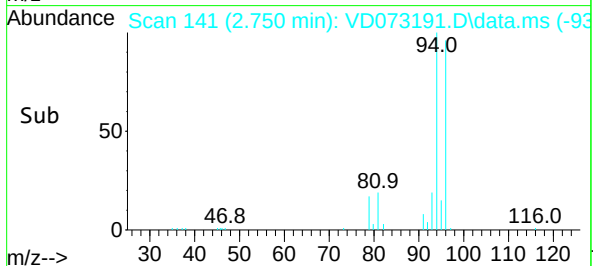
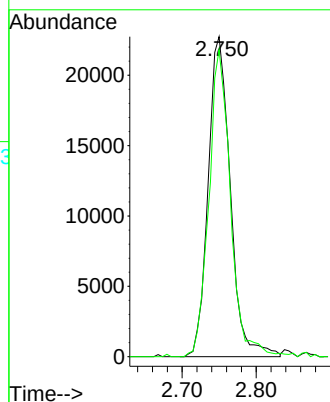
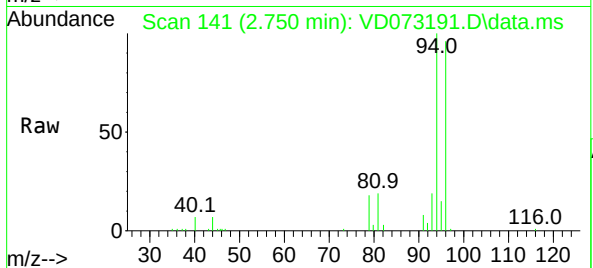




#5
Bromomethane
Concen: 19.658 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.018 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

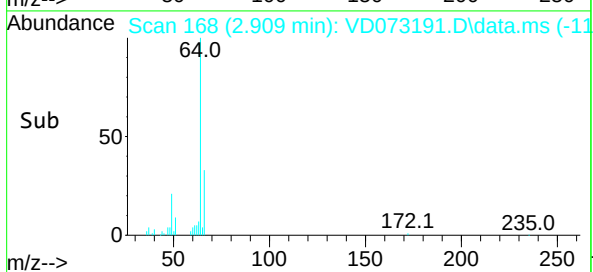
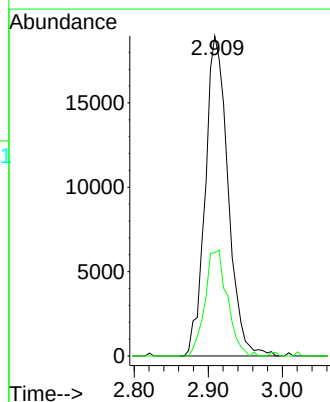
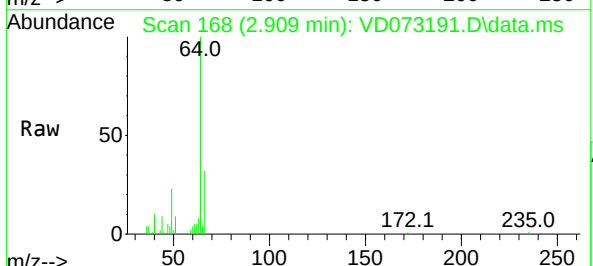
Instrument :
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ClientSampleId :
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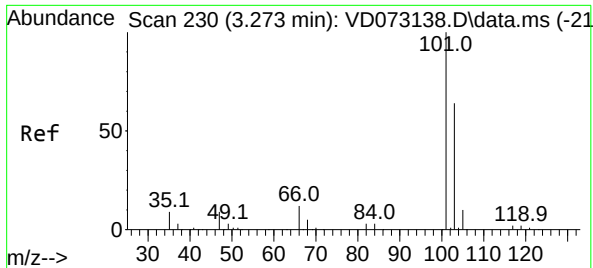
Tgt Ion: 94 Resp: 47264
Ion Ratio Lower Upper
94 100
96 95.9 77.6 116.4



#6
Chloroethane
Concen: 19.787 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion: 64 Resp: 40565
Ion Ratio Lower Upper
64 100
66 32.4 25.9 38.9

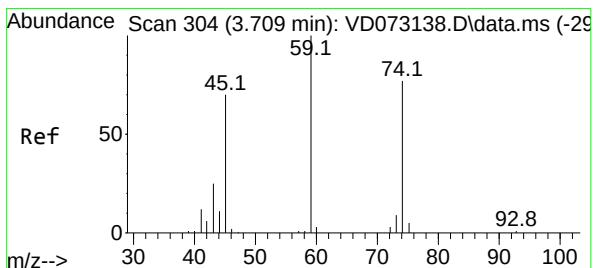
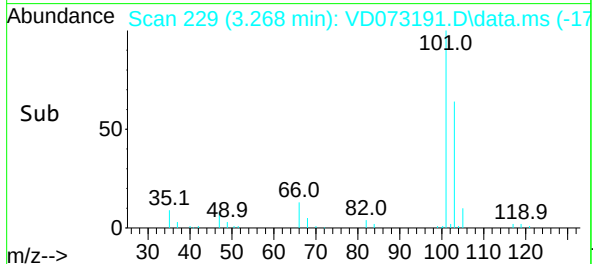
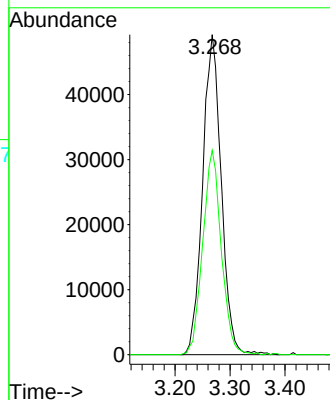
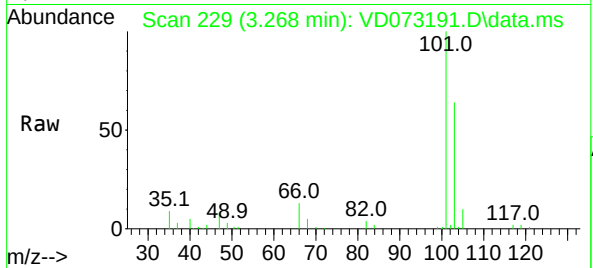




#7
 Trichlorofluoromethane
 Concen: 19.657 ug/l
 RT: 3.268 min Scan# 211
 Delta R.T. -0.005 min
 Lab File: VD073191.D
 Acq: 20 May 2022 18:54

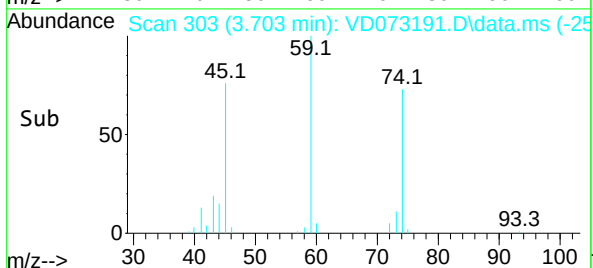
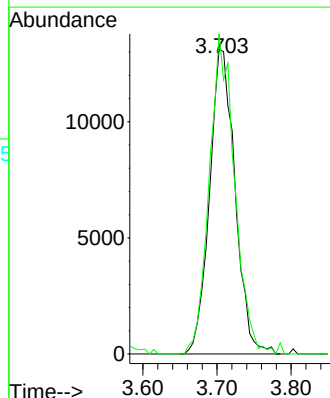
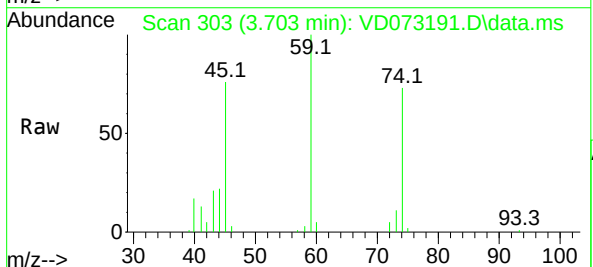
Instrument :
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 ClientSampleId :
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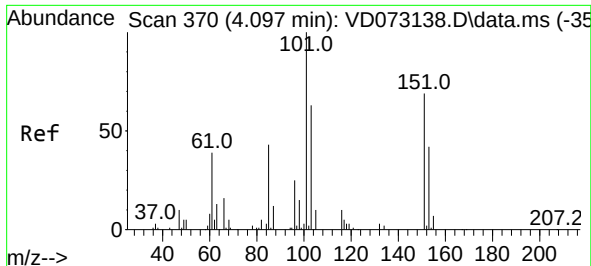
Tgt Ion:101 Resp: 115914
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.1 75.1



#8
 Diethyl Ether
 Concen: 19.355 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. -0.006 min
 Lab File: VD073191.D
 Acq: 20 May 2022 18:54

Tgt Ion: 74 Resp: 31362
 Ion Ratio Lower Upper
 74 100
 45 104.6 52.6 157.8

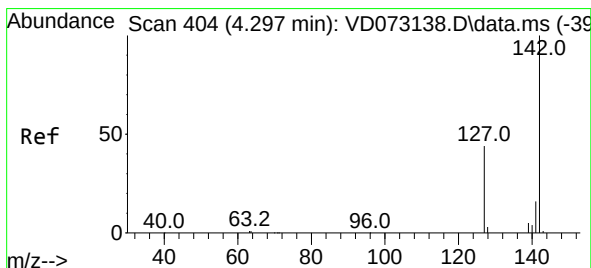
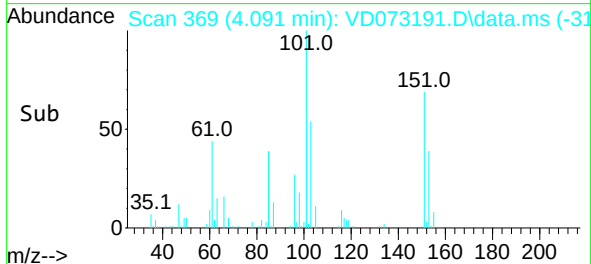
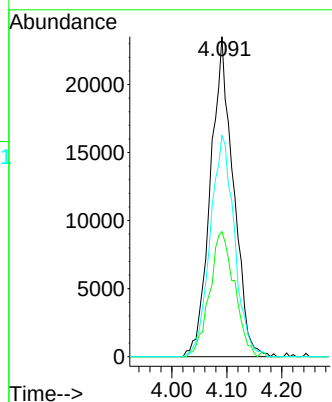
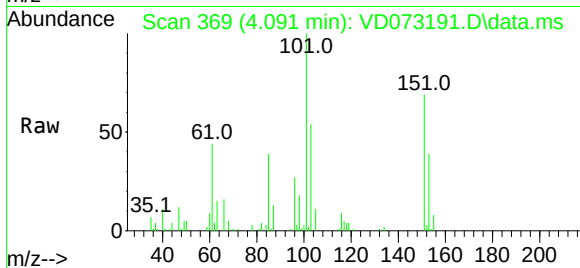




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.379 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073191.D
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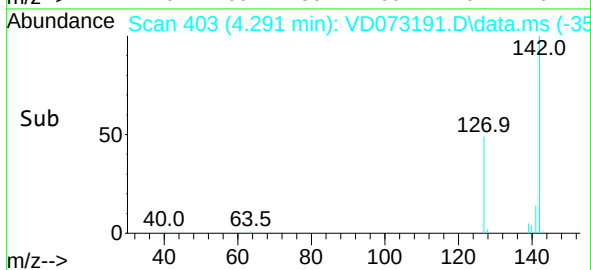
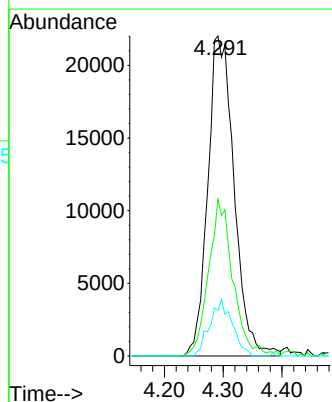
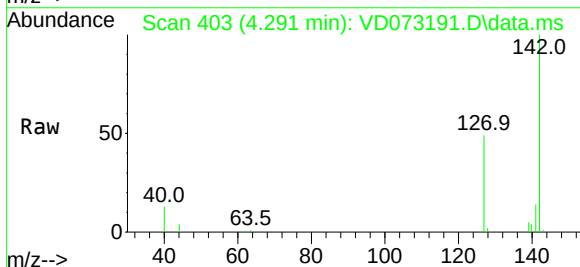
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

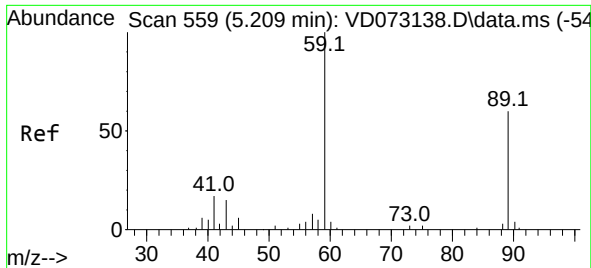
Tgt Ion:101 Resp: 68183
Ion Ratio Lower Upper
101 100
85 42.1 36.4 54.6
151 72.9 57.3 85.9



#10
Methyl Iodide
Concen: 18.023 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion:142 Resp: 68414
Ion Ratio Lower Upper
142 100
127 44.9 37.3 55.9
141 15.0 11.7 17.5

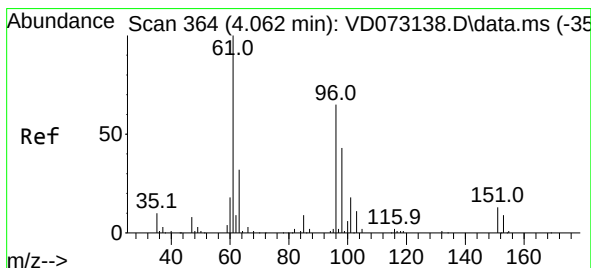
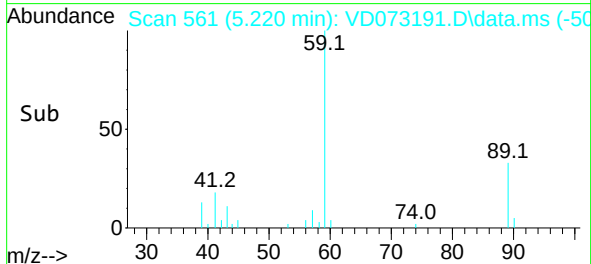
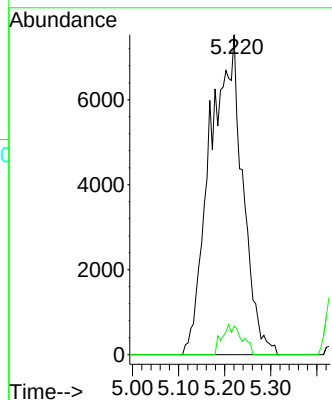
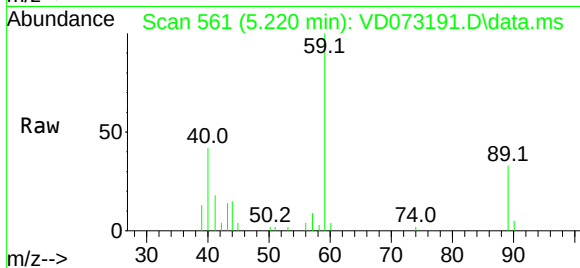




#11
Tert butyl alcohol
Concen: 67.383 ug/l
RT: 5.220 min Scan# 511
Delta R.T. 0.011 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

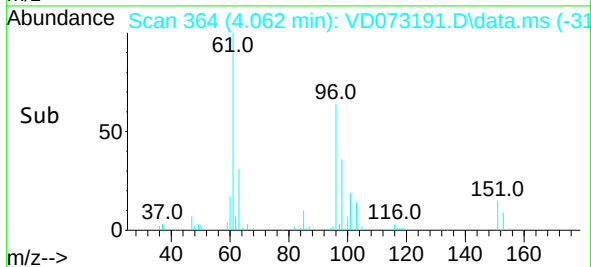
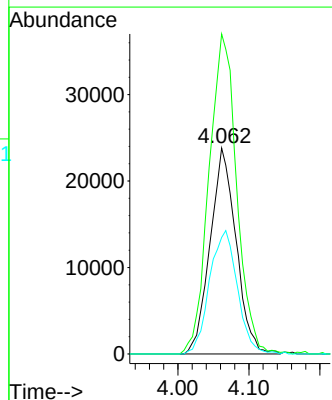
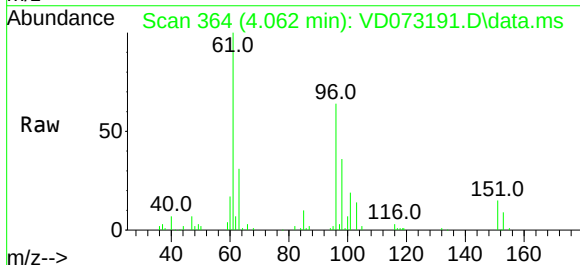
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBSD01

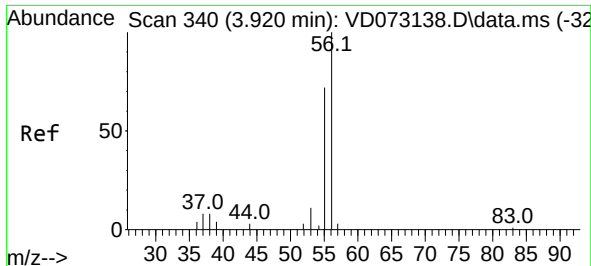
Tgt Ion: 59 Resp: 37292
Ion Ratio Lower Upper
59 100
57 5.6 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 18.672 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion: 96 Resp: 60569
Ion Ratio Lower Upper
96 100
61 155.3 138.5 207.7
98 56.5 48.6 73.0

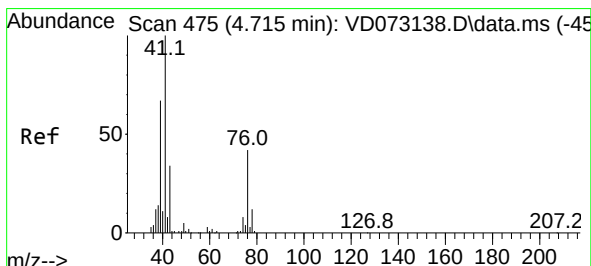
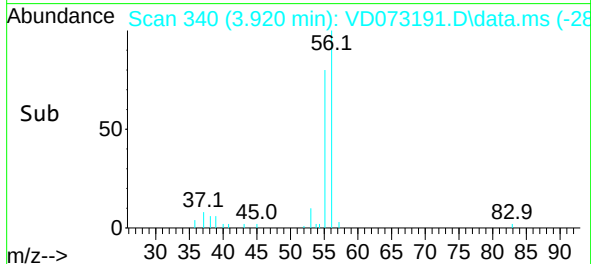
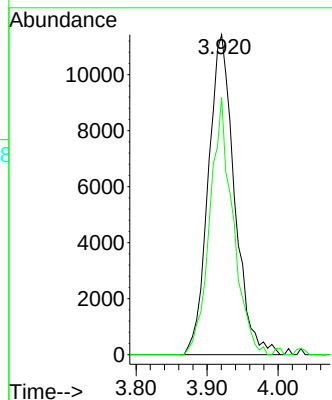
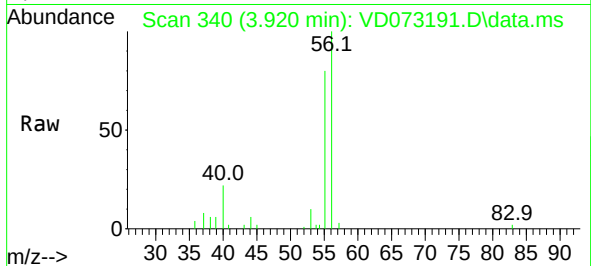




#13
Acrolein
Concen: 125.244 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

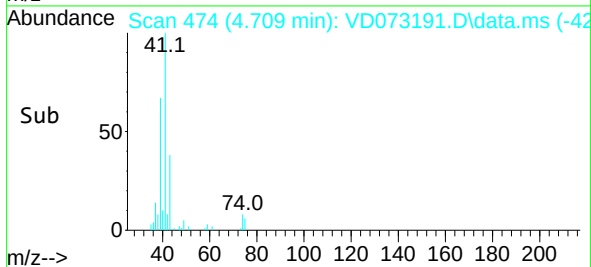
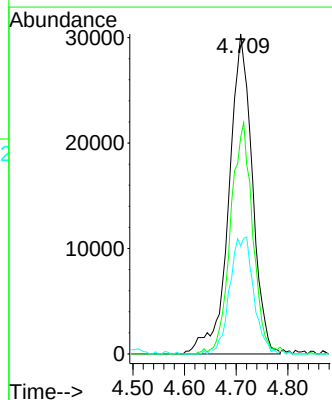
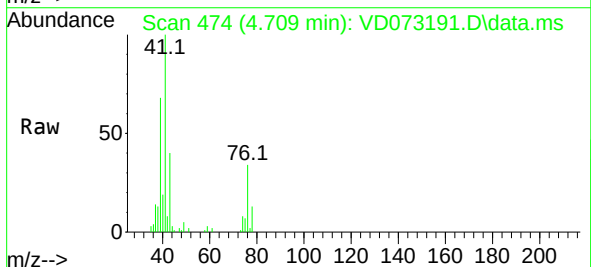
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

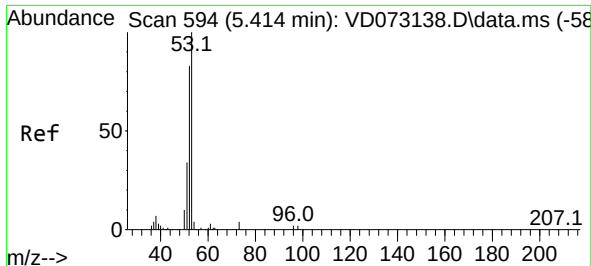
Tgt Ion: 56 Resp: 29309
Ion Ratio Lower Upper
56 100
55 70.8 57.1 85.7



#14
Allyl chloride
Concen: 18.219 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

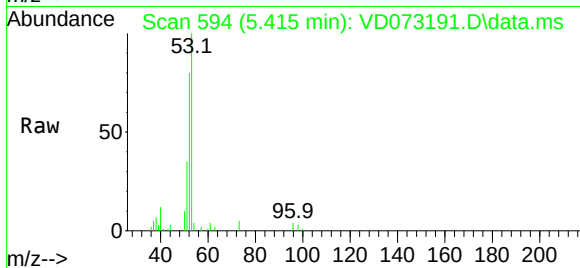
Tgt Ion: 41 Resp: 95396
Ion Ratio Lower Upper
41 100
39 68.4 59.3 88.9
76 37.6 25.7 38.5



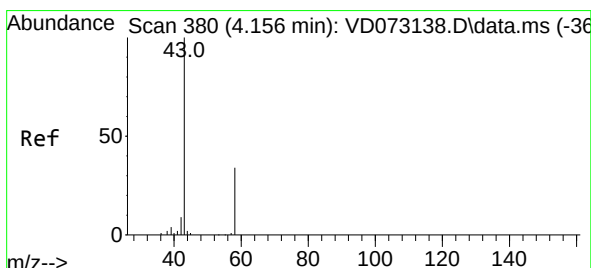
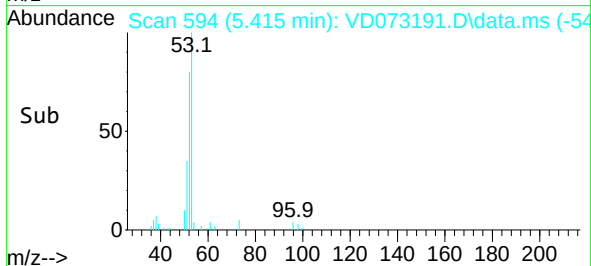
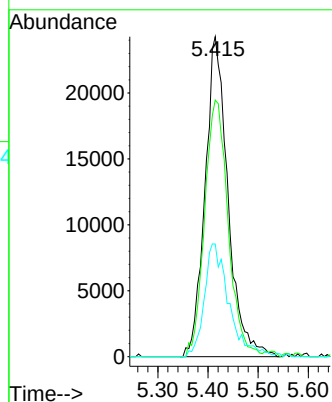


#15
Acrylonitrile
Concen: 104.097 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.001 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBSD01

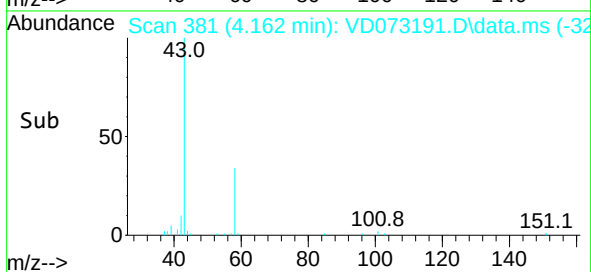
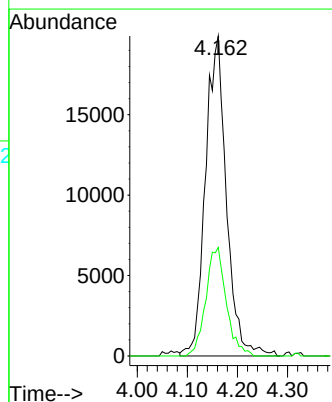
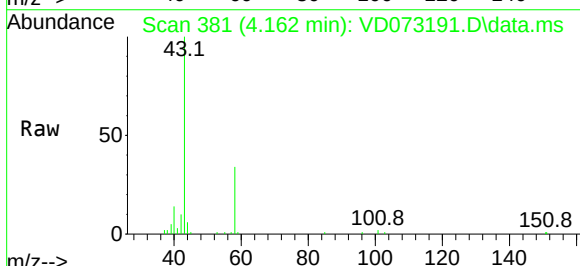


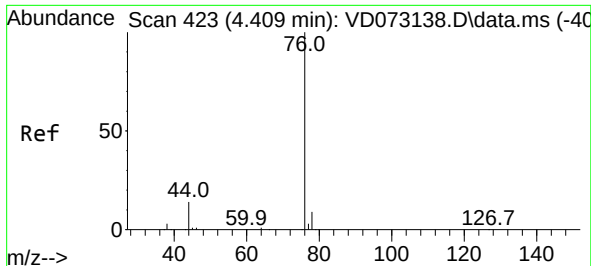
Tgt Ion: 53	Resp: 77130
Ion Ratio	Lower Upper
53 100	
52 82.2	67.2 100.8
51 37.7	30.3 45.5



#16
Acetone
Concen: 93.533 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion: 43	Resp: 57790		
Ion Ratio	Lower	Upper	
43 100			
58 33.9	22.1	33.1#	

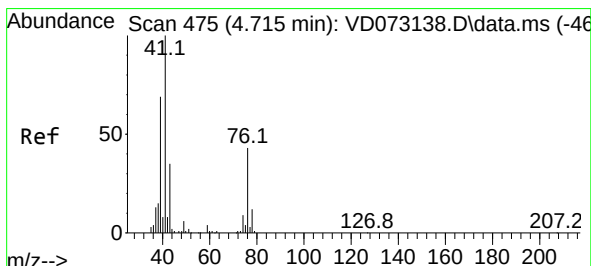
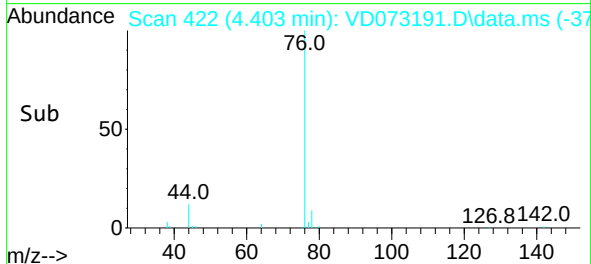
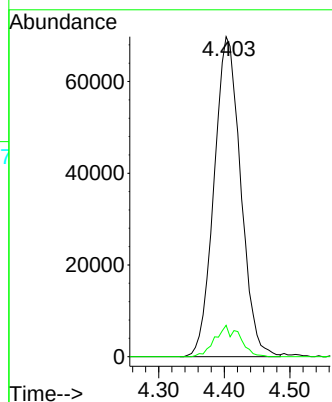
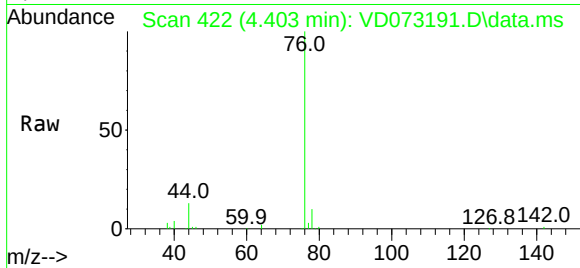




#17
Carbon Disulfide
Concen: 18.294 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

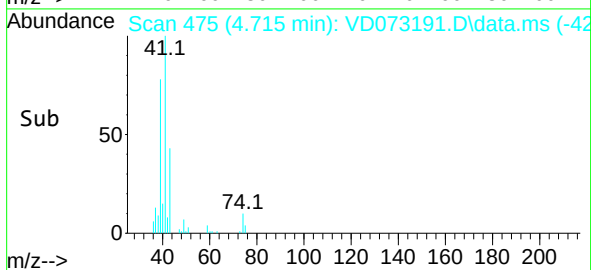
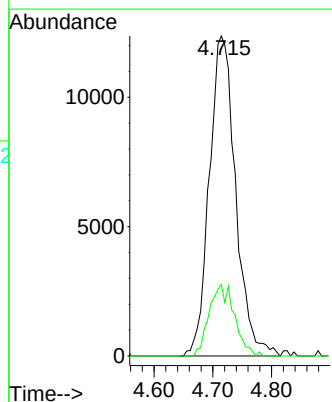
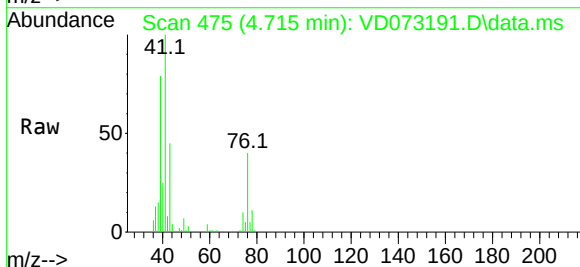
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBSD01

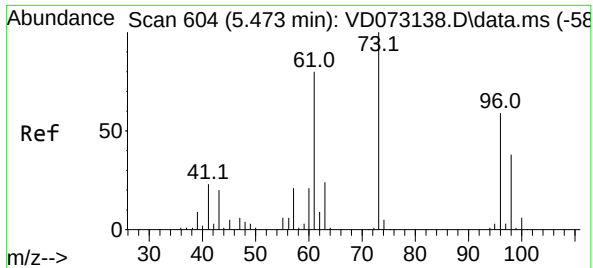
Tgt Ion: 76 Resp: 196724
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3



#18
Methyl Acetate
Concen: 22.382 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion: 43 Resp: 38455
Ion Ratio Lower Upper
43 100
74 21.4 16.7 25.1

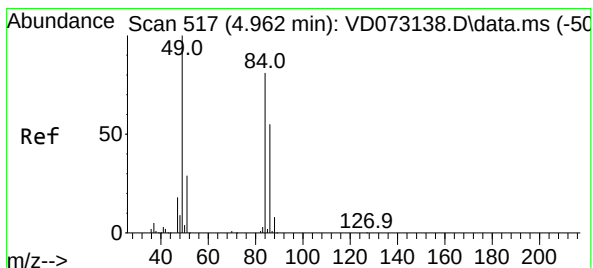
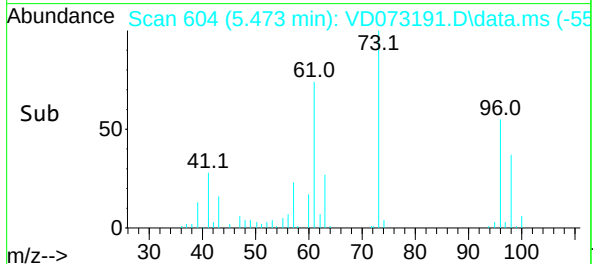
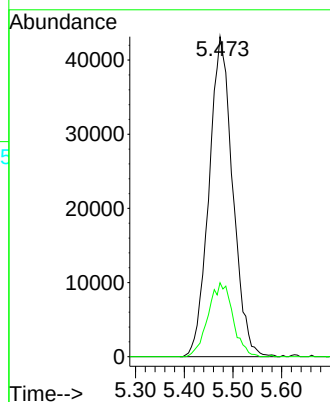
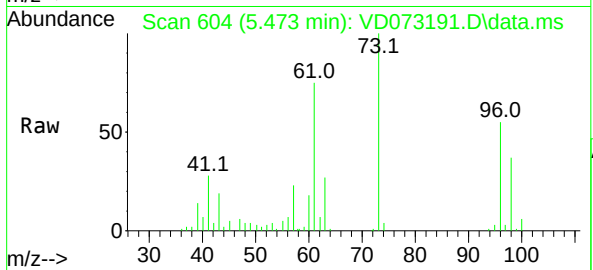




#19
Methyl tert-butyl Ether
Concen: 19.747 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

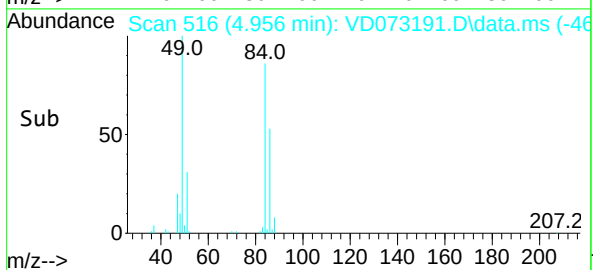
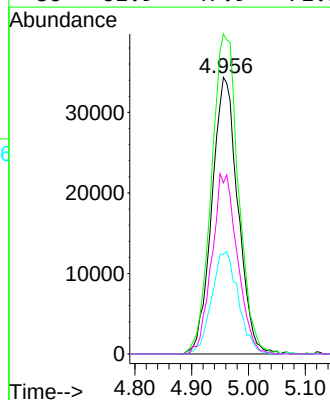
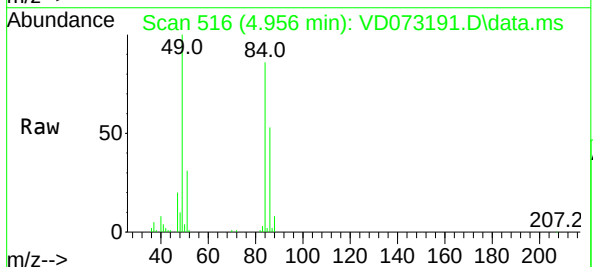
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

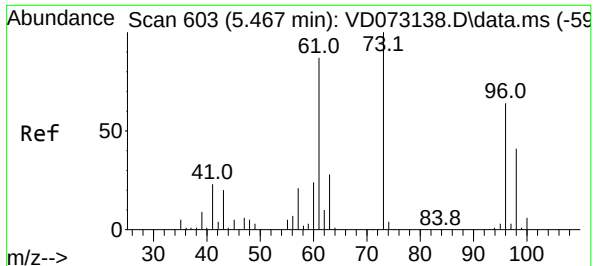
Tgt Ion: 73 Resp: 145927
Ion Ratio Lower Upper
73 100
57 23.1 18.0 27.0



#20
Methylene Chloride
Concen: 26.016 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion: 84 Resp: 109465
Ion Ratio Lower Upper
84 100
49 115.7 112.8 169.2
51 36.1 32.6 48.8
86 61.9 47.9 71.9

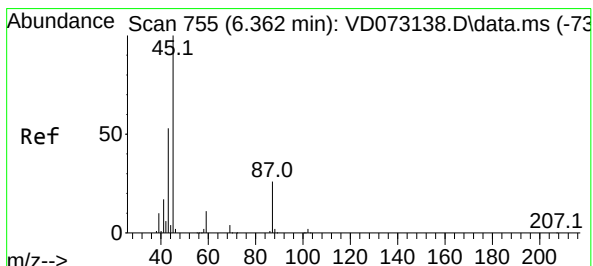
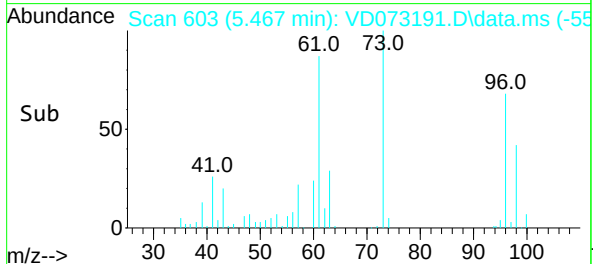
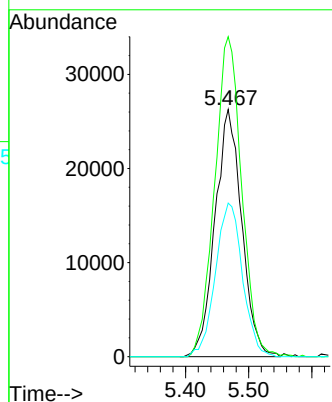
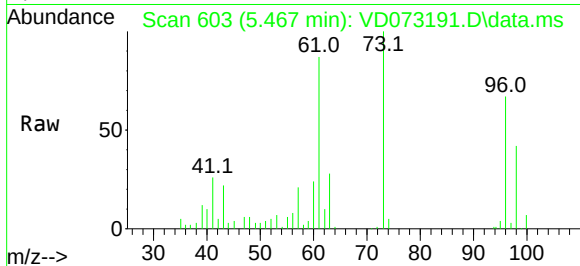




#21
trans-1,2-Dichloroethene
Concen: 19.670 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

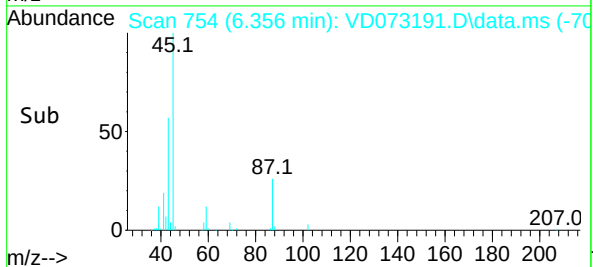
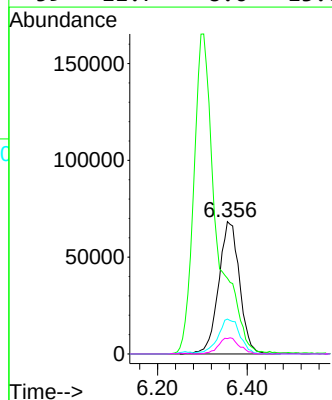
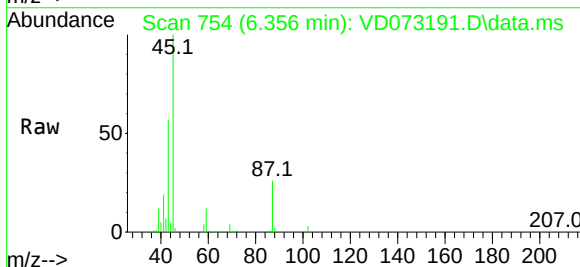
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBSD01

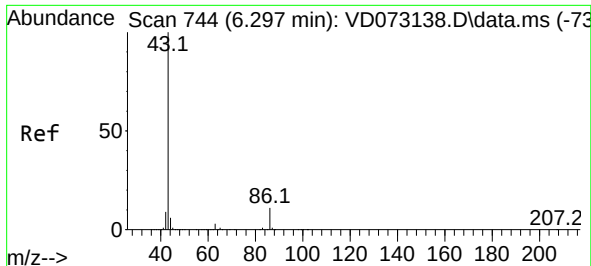
Tgt Ion: 96 Resp: 77148
Ion Ratio Lower Upper
96 100
61 129.4 117.9 176.9
98 62.1 49.4 74.2



#22
Diisopropyl ether
Concen: 20.203 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion: 45 Resp: 221756
Ion Ratio Lower Upper
45 100
43 56.3 46.6 70.0
87 26.3 18.4 27.6
59 11.7 8.6 13.0

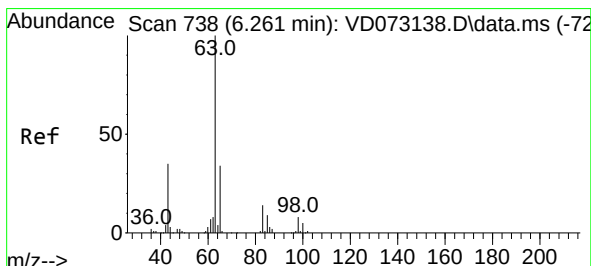
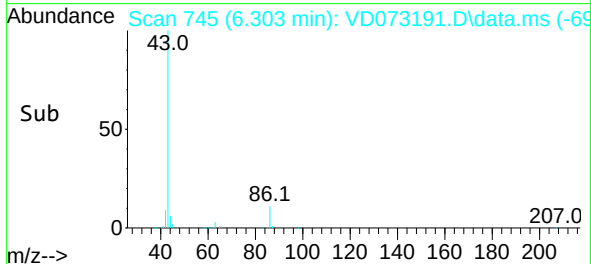
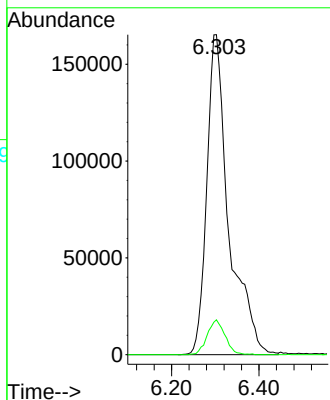
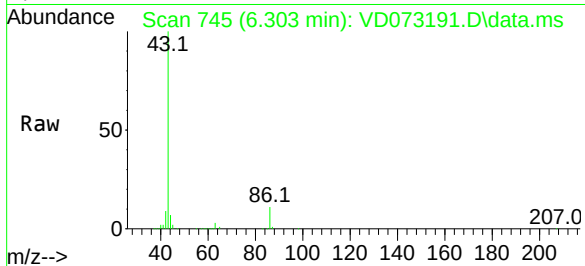




#23
 Vinyl Acetate
 Concen: 98.834 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073191.D
 Acq: 20 May 2022 18:54

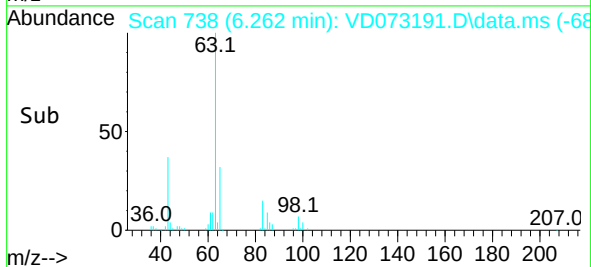
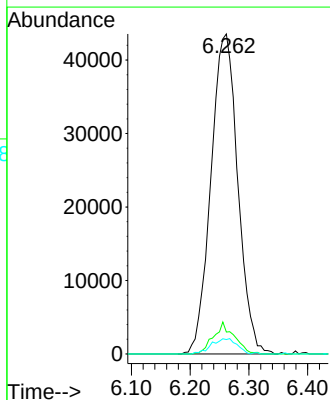
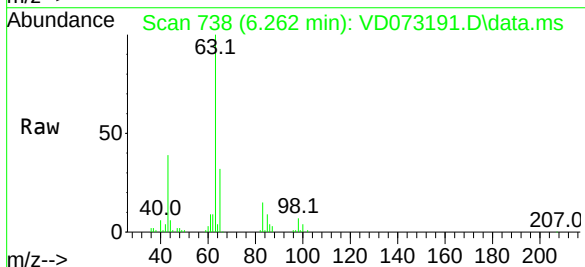
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0520SBS01

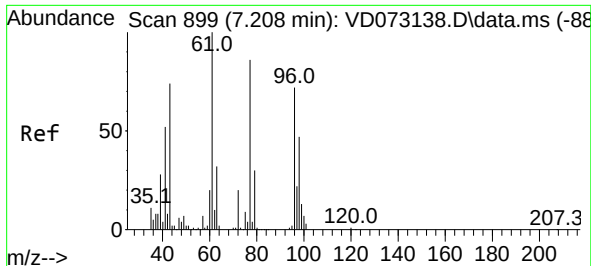
Tgt Ion: 43 Resp: 578648
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 19.637 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.001 min
 Lab File: VD073191.D
 Acq: 20 May 2022 18:54

Tgt Ion: 63 Resp: 138347
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.5 2.1 6.5

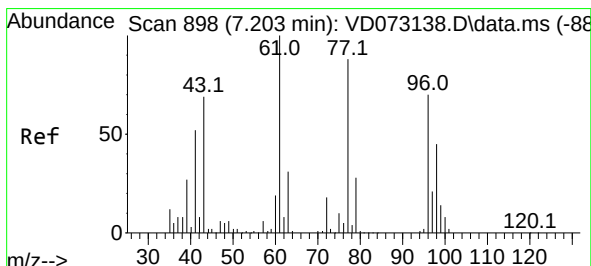
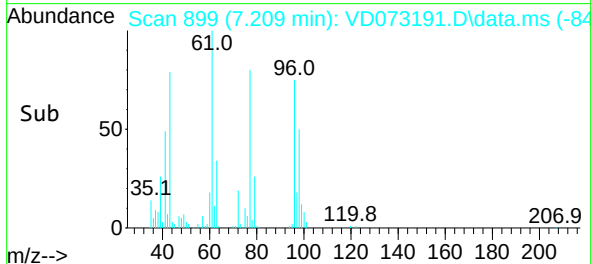
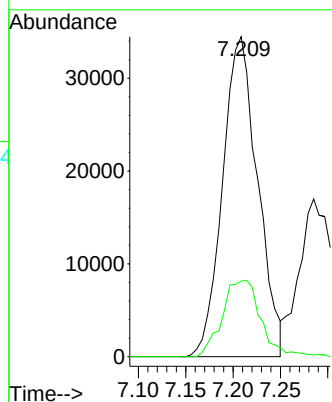
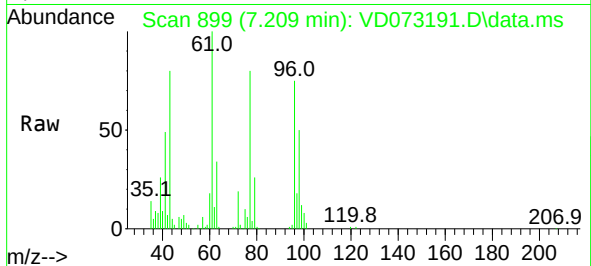




#25
2-Butanone
Concen: 98.216 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

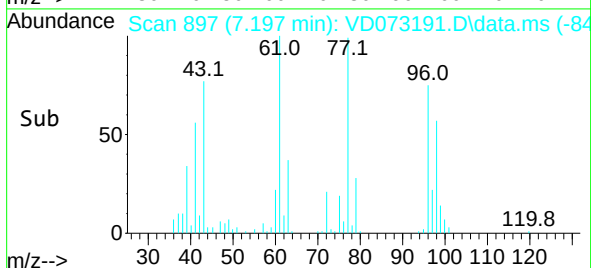
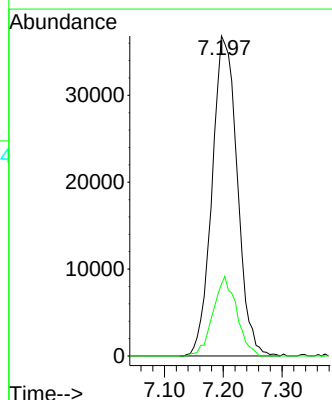
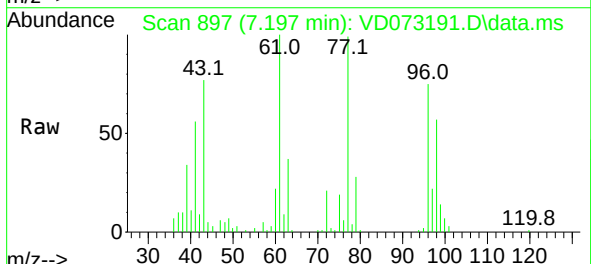
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBSD01

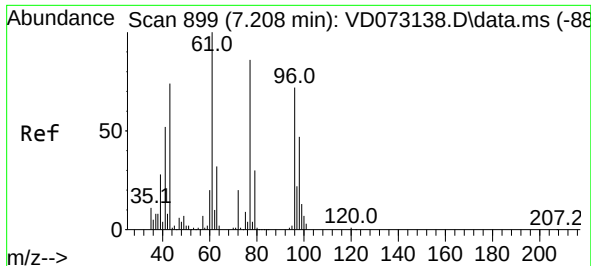
Tgt Ion: 43 Resp: 88783
Ion Ratio Lower Upper
43 100
72 23.6 18.6 27.8



#26
2,2-Dichloropropane
Concen: 18.254 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion: 77 Resp: 109676
Ion Ratio Lower Upper
77 100
97 23.3 10.8 32.4



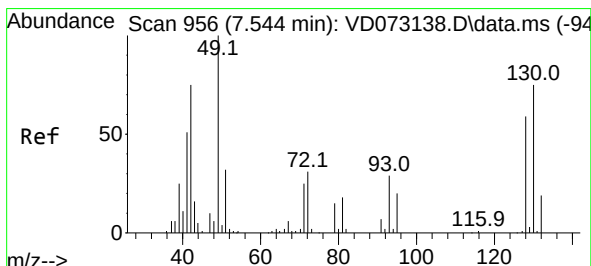
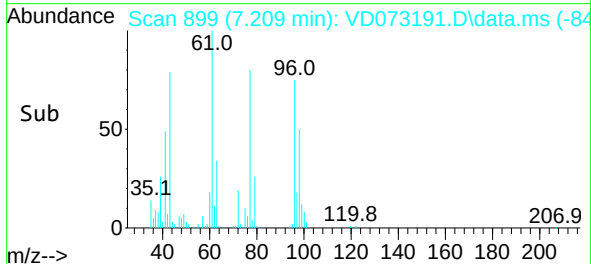
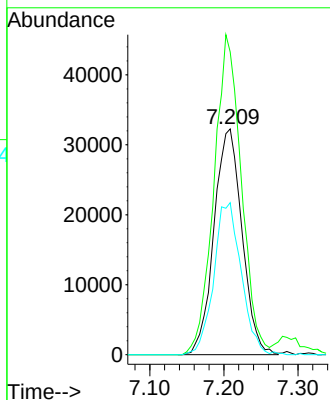
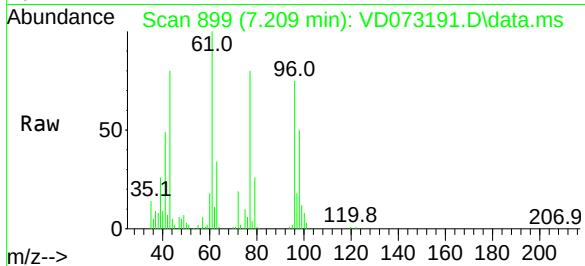


#27
 cis-1,2-Dichloroethene
 Concen: 19.558 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. 0.001 min
 Lab File: VD073191.D
 Acq: 20 May 2022 18:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0520SBS01

Tgt Ion: 96 Resp: 84875

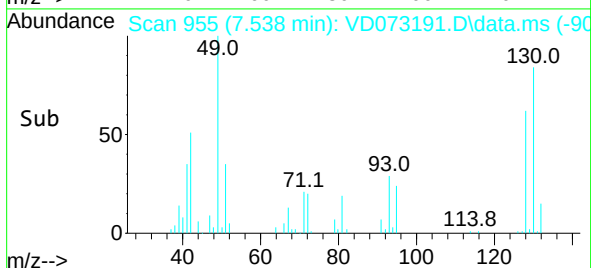
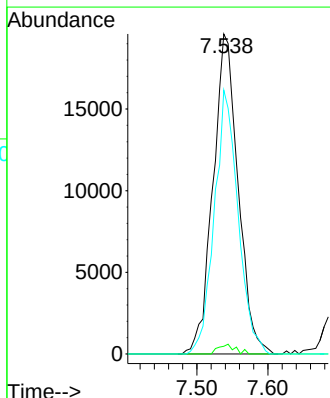
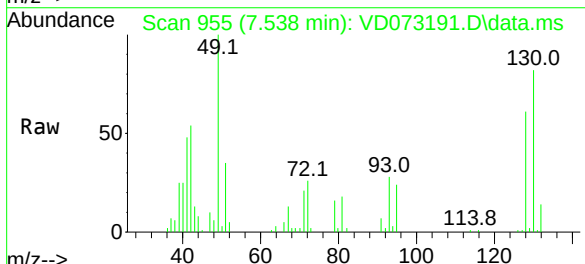
Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	313.8
98	66.0	0.0	128.8

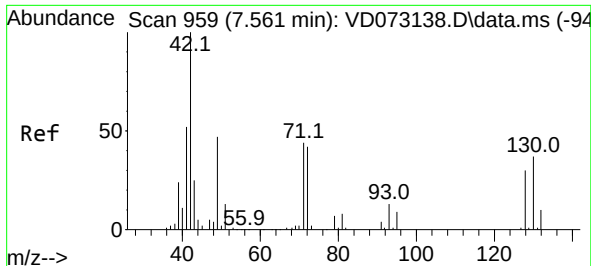


#28
 Bromochloromethane
 Concen: 19.828 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073191.D
 Acq: 20 May 2022 18:54

Tgt Ion: 49 Resp: 48127

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	78.1	52.6	79.0





#29

Tetrahydrofuran

Concen: 101.926 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD073191.D

Acq: 20 May 2022 18:54

Instrument :

MSVOA_D

ClientSampleId :

VD0520SBS01

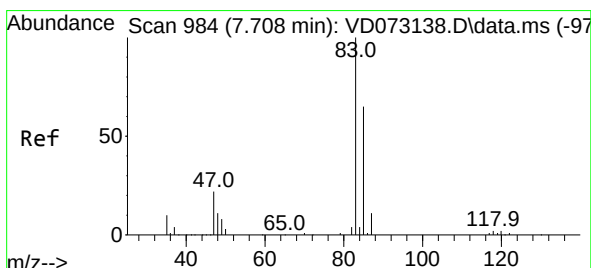
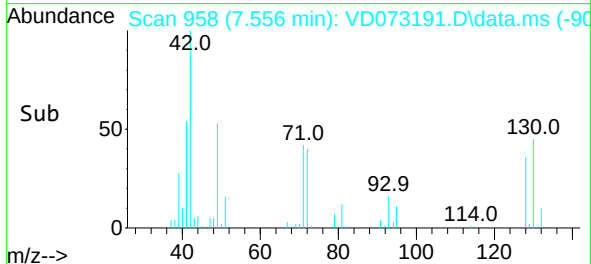
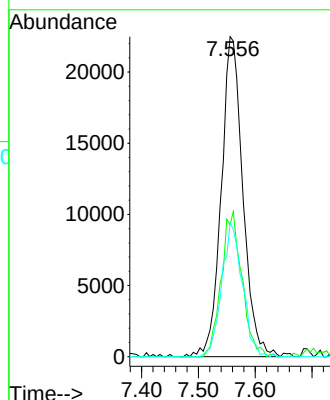
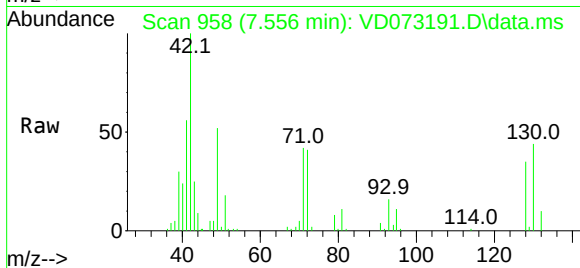
Tgt Ion: 42 Resp: 59577

Ion Ratio Lower Upper

42 100

72 43.4 30.7 46.1

71 39.8 28.6 43.0



#30

Chloroform

Concen: 20.323 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073191.D

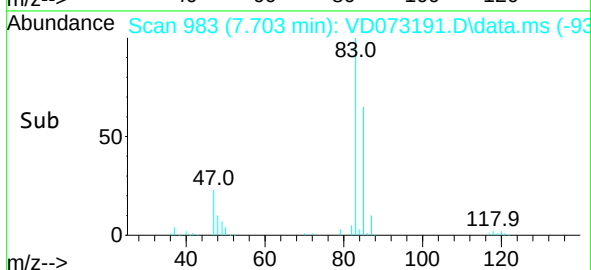
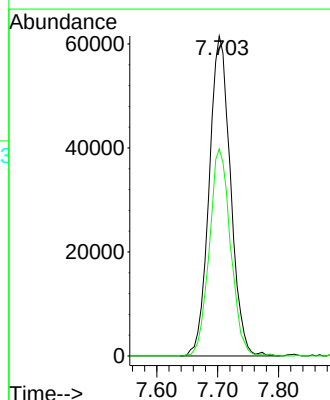
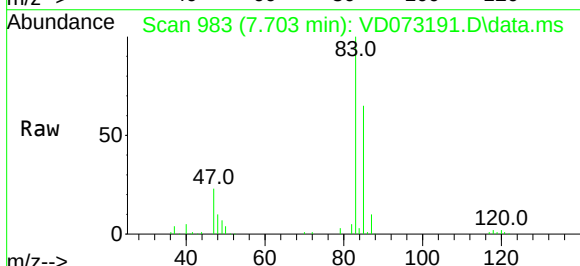
Acq: 20 May 2022 18:54

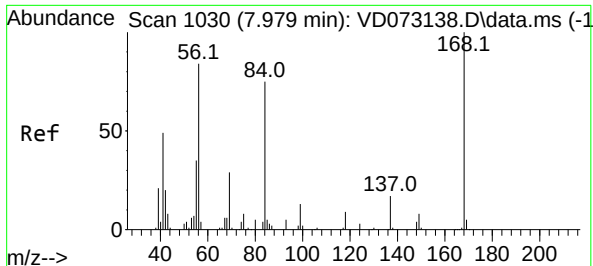
Tgt Ion: 83 Resp: 149481

Ion Ratio Lower Upper

83 100

85 64.7 52.7 79.1

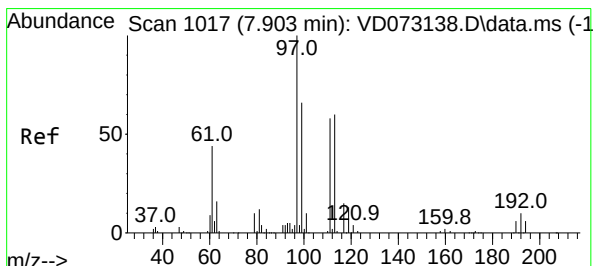
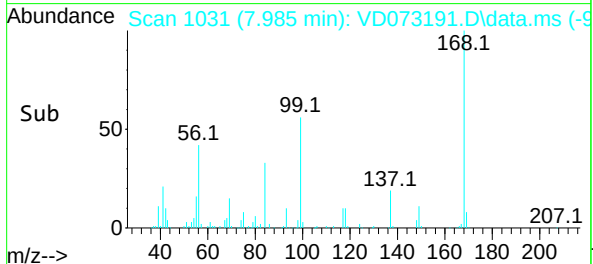
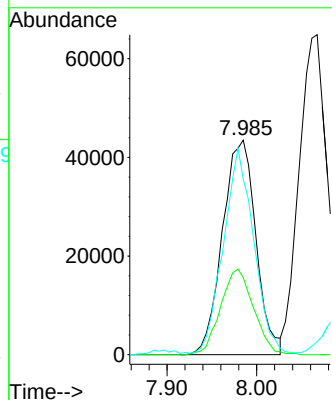
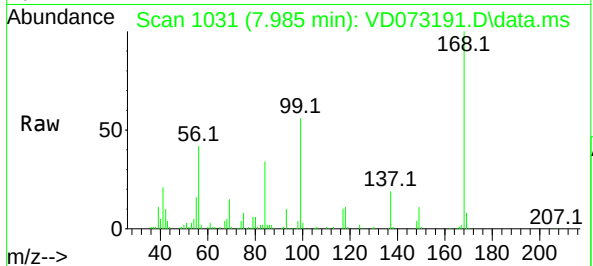




#31
Cyclohexane
Concen: 18.055 ug/l
RT: 7.985 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

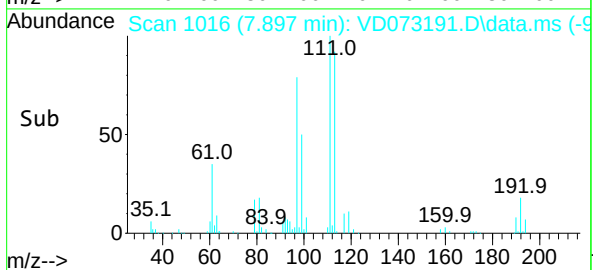
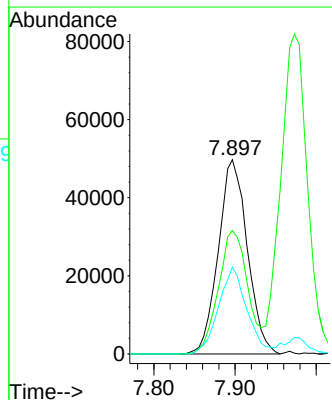
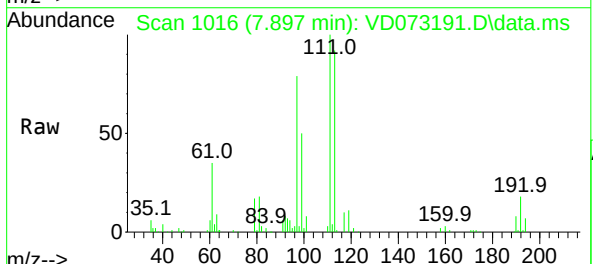
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

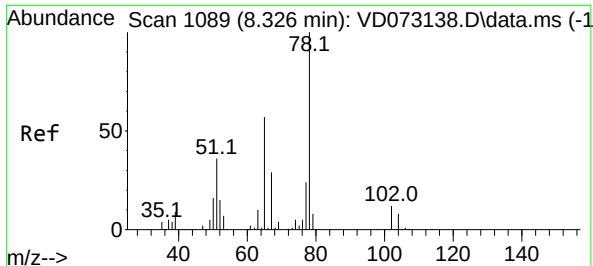
Tgt Ion: 56 Resp: 112545
Ion Ratio Lower Upper
56 100
69 36.0 25.4 38.2
84 81.3 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 19.189 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion: 97 Resp: 123446
Ion Ratio Lower Upper
97 100
99 64.1 52.4 78.6
61 43.8 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 51.844 ug/l

RT: 8.320 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD073191.D

Acq: 20 May 2022 18:54

Instrument :

MSVOA_D

ClientSampleId :

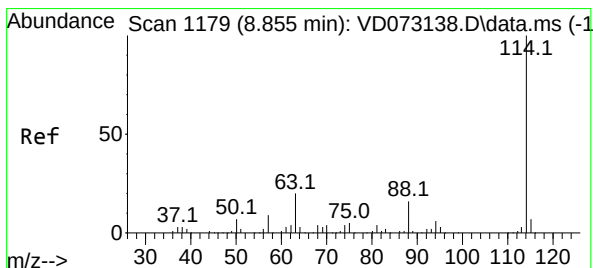
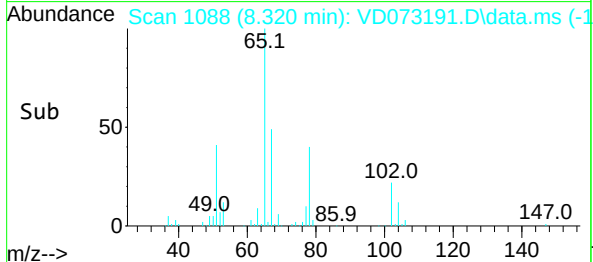
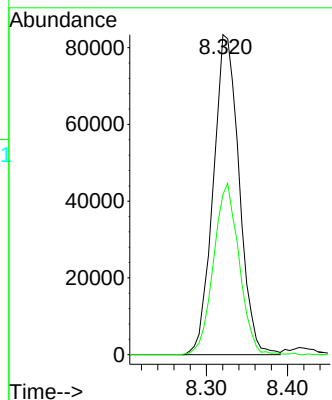
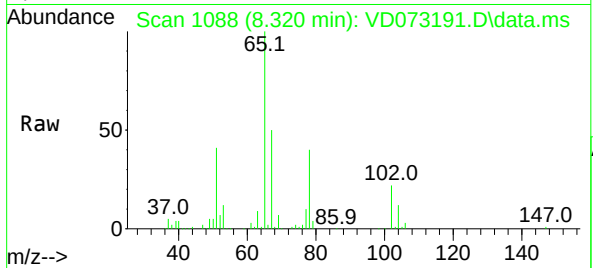
VD0520SBS01

Tgt Ion: 65 Resp: 184935

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073191.D

Acq: 20 May 2022 18:54

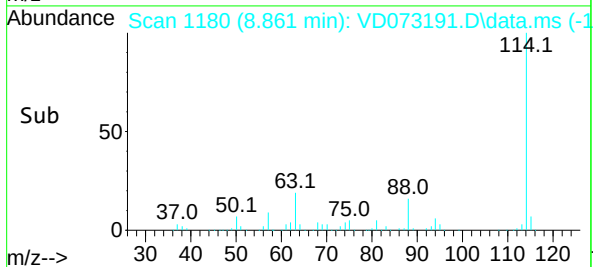
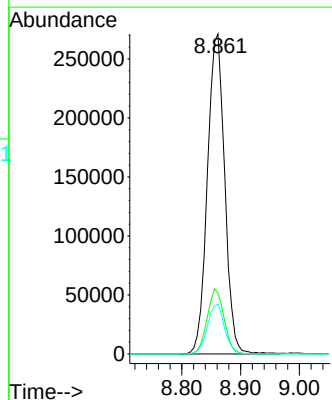
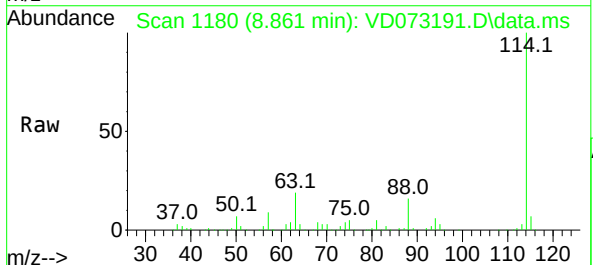
Tgt Ion: 114 Resp: 555291

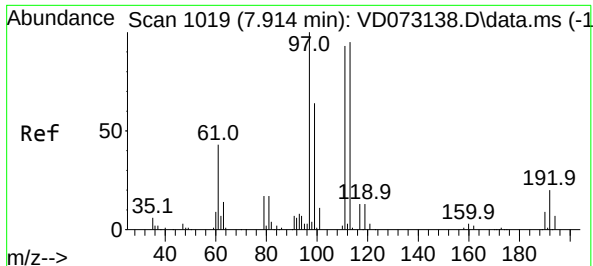
Ion Ratio Lower Upper

114 100

63 18.9 0.0 46.6

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.783 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073191.D

Acq: 20 May 2022 18:54

Instrument :

MSVOA_D

ClientSampleId :

VD0520SBSD01

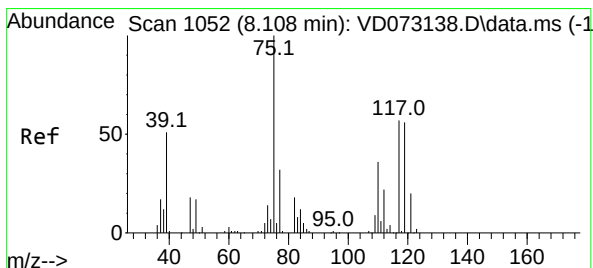
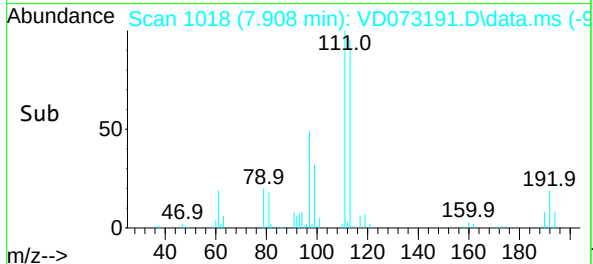
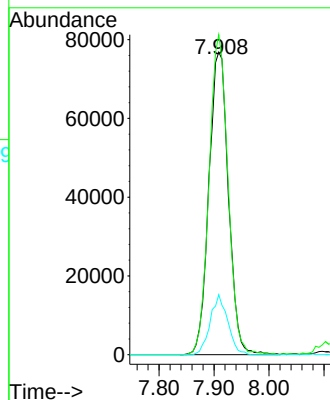
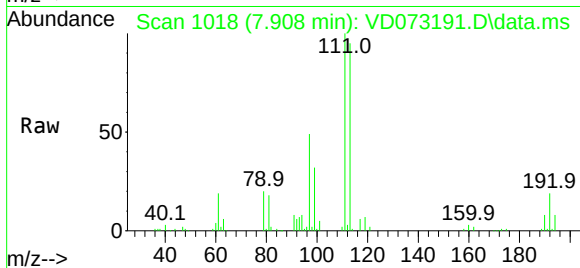
Tgt Ion:113 Resp: 189742

Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 17.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 18.996 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073191.D

Acq: 20 May 2022 18:54

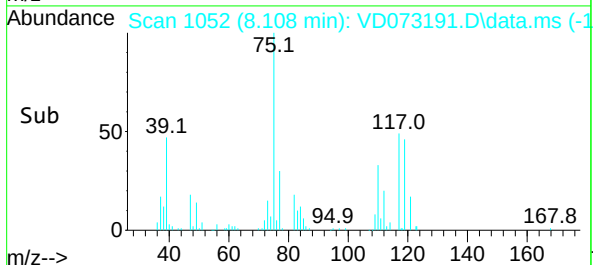
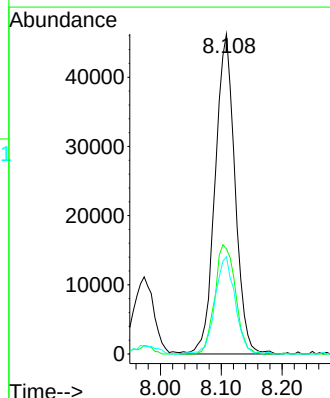
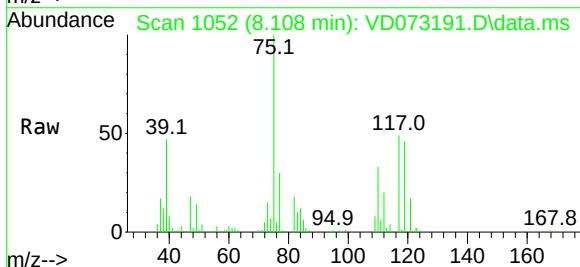
Tgt Ion: 75 Resp: 104682

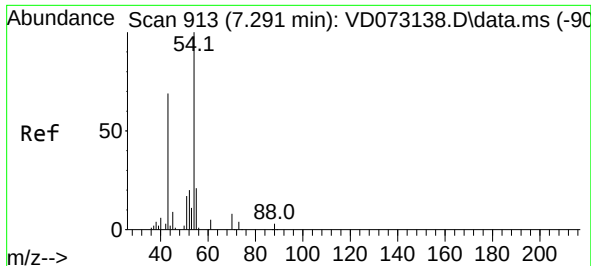
Ion Ratio Lower Upper

75 100

110 35.5 16.4 49.1

77 30.7 24.2 36.2





#37

Ethyl Acetate

Concen: 21.094 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073191.D

Acq: 20 May 2022 18:54

Instrument :

MSVOA_D

ClientSampleId :

VD0520SBS01

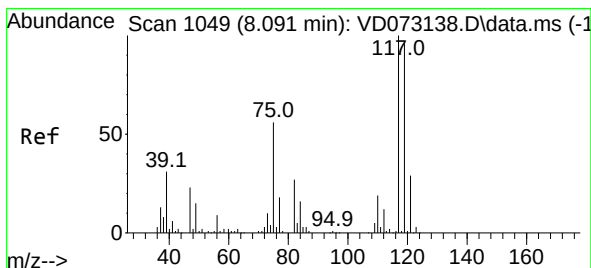
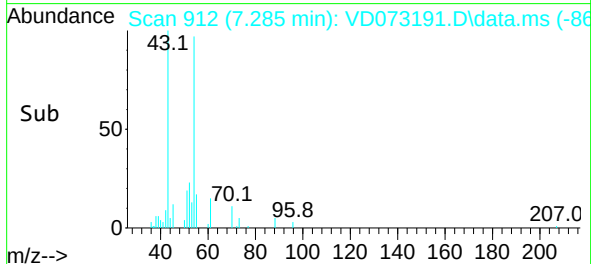
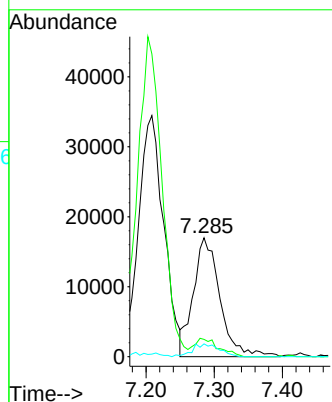
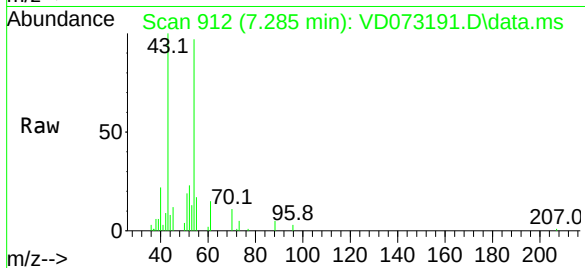
Tgt Ion: 43 Resp: 45916

Ion Ratio Lower Upper

43 100

61 14.1 9.8 14.8

70 10.9 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 19.094 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VD073191.D

Acq: 20 May 2022 18:54

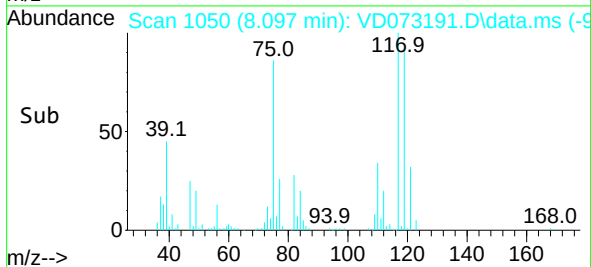
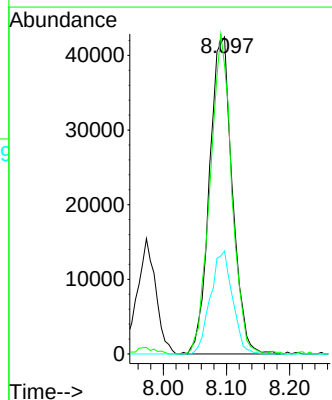
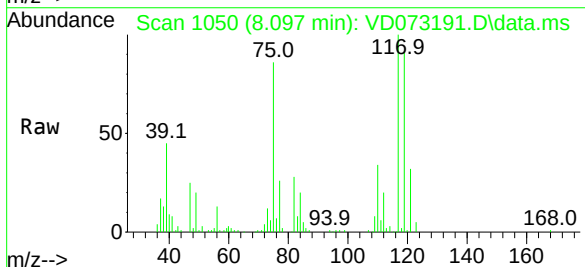
Tgt Ion:117 Resp: 106663

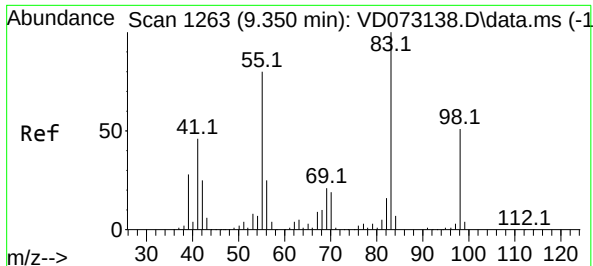
Ion Ratio Lower Upper

117 100

119 91.2 75.8 113.6

121 32.5 24.5 36.7





#39

Methylcyclohexane

Concen: 17.225 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073191.D

Acq: 20 May 2022 18:54

Instrument :

MSVOA_D

ClientSampleId :

VD0520SBS01

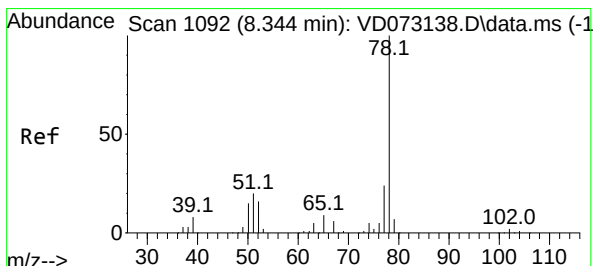
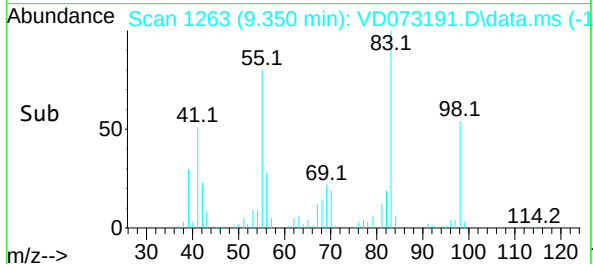
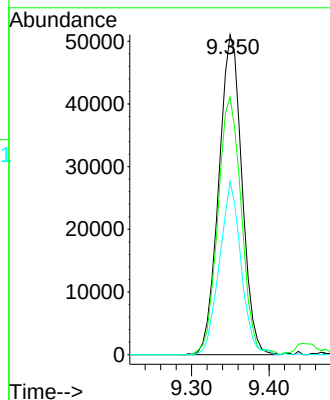
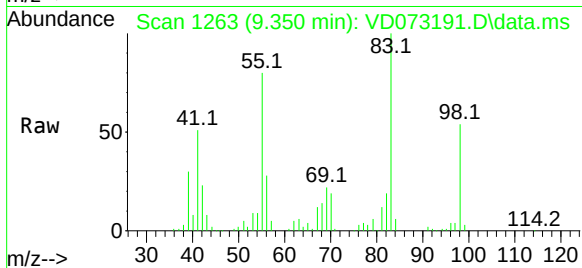
Tgt Ion: 83 Resp: 105787

Ion Ratio Lower Upper

83 100

55 80.4 63.2 94.8

98 54.1 38.2 57.4



#40

Benzene

Concen: 19.716 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073191.D

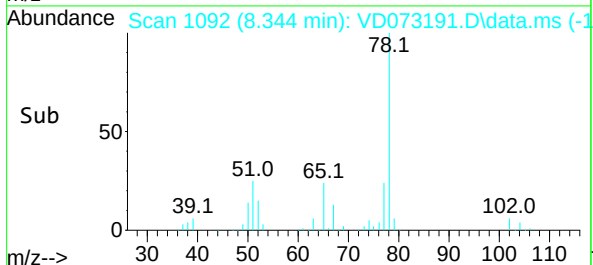
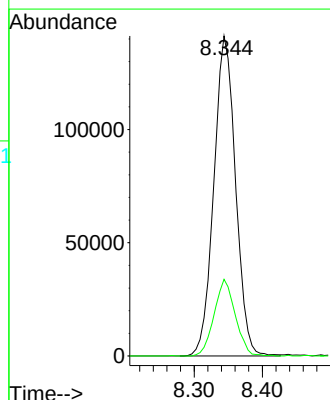
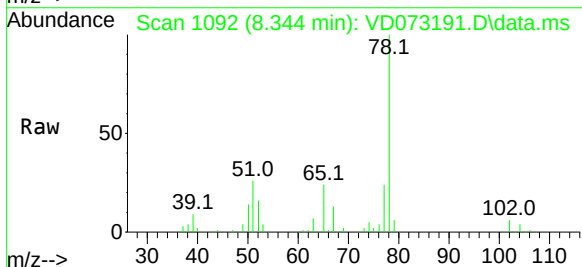
Acq: 20 May 2022 18:54

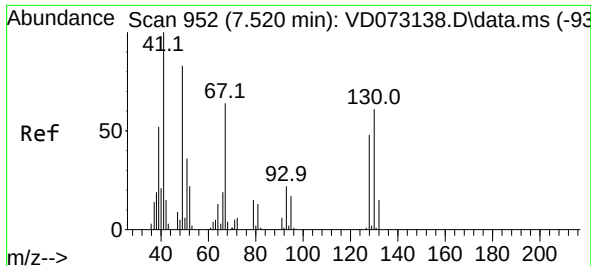
Tgt Ion: 78 Resp: 313140

Ion Ratio Lower Upper

78 100

77 24.0 19.1 28.7

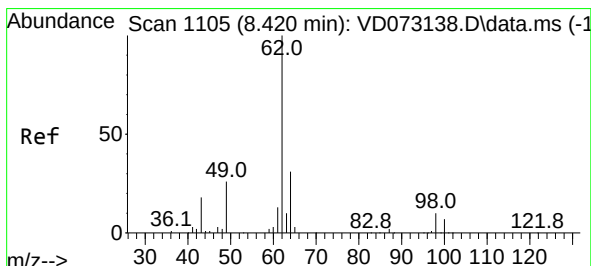
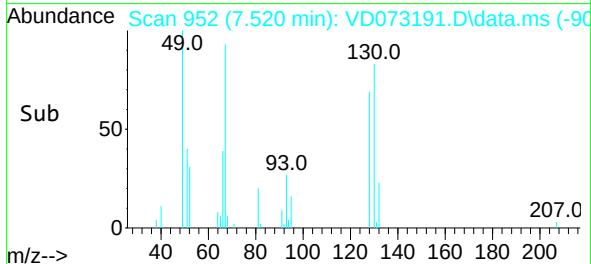
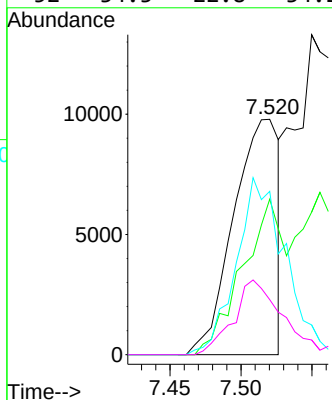
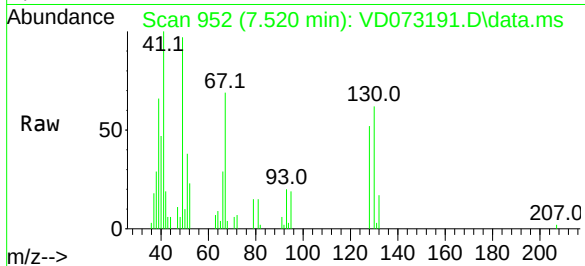




#41
Methacrylonitrile
Concen: 17.142 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

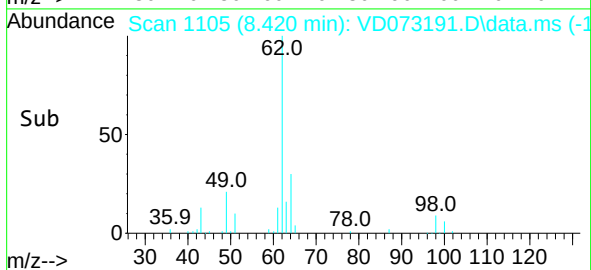
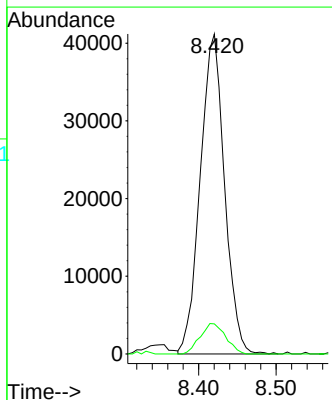
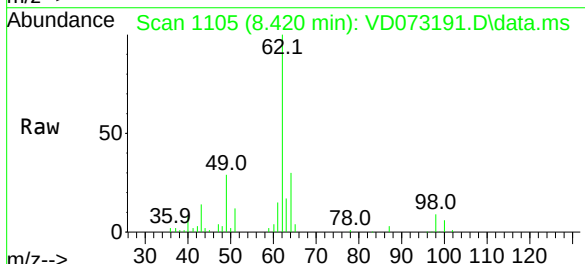
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

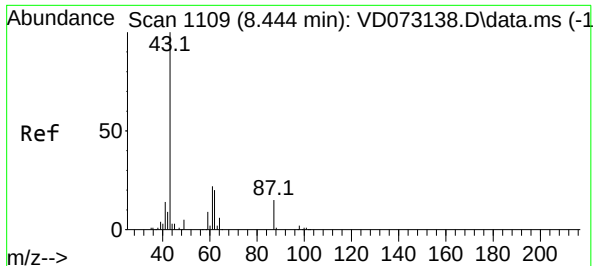
Tgt Ion: 41 Resp: 21740
Ion Ratio Lower Upper
41 100
39 60.1 44.6 67.0
67 80.8 48.2 72.4#
52 34.3 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 20.294 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion: 62 Resp: 89685
Ion Ratio Lower Upper
62 100
98 10.0 0.0 17.6

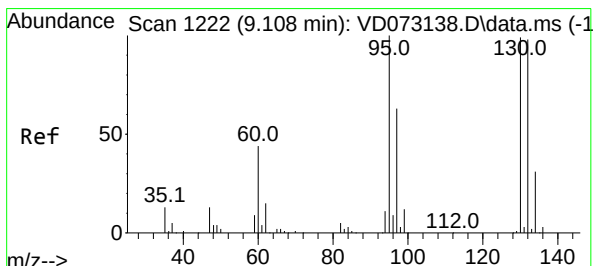
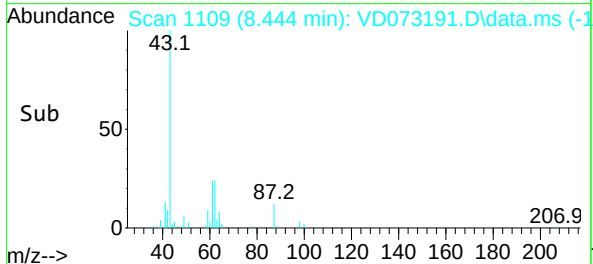
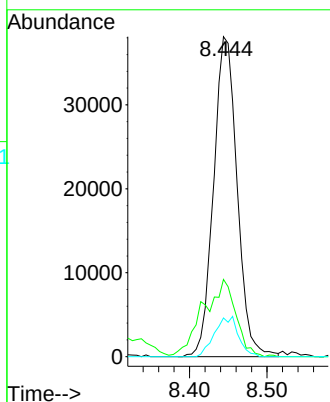
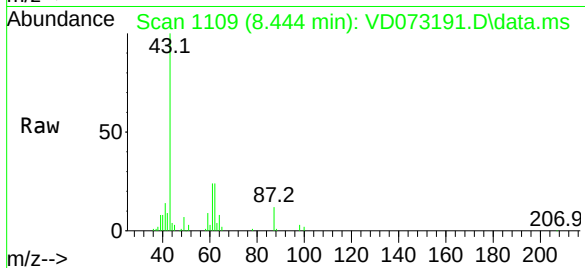




#43
Isopropyl Acetate
Concen: 20.036 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

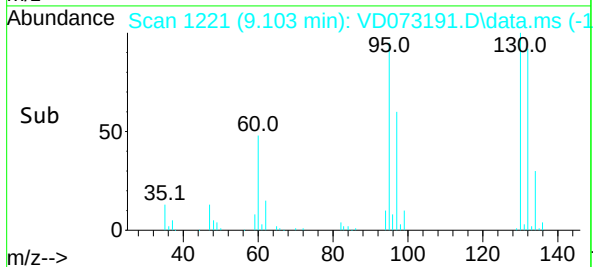
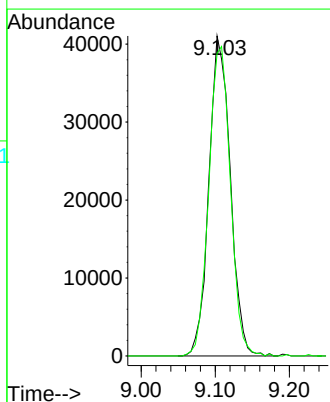
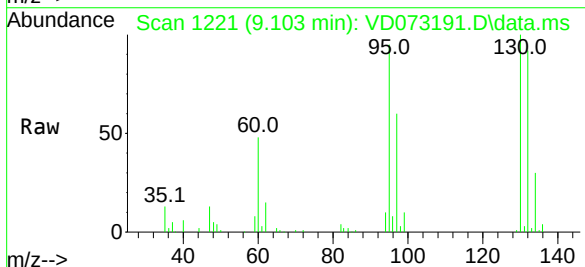
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBSD01

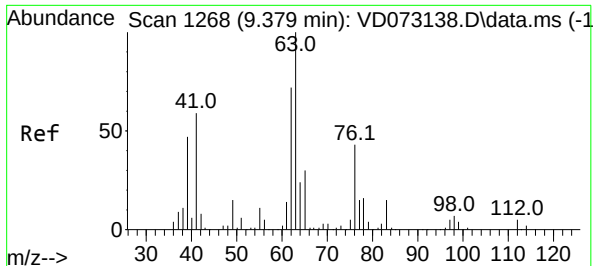
Tgt Ion: 43 Resp: 80613
Ion Ratio Lower Upper
43 100
61 33.6 22.4 33.6
87 12.7 8.7 13.1



#44
Trichloroethene
Concen: 19.461 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.005 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion:130 Resp: 82422
Ion Ratio Lower Upper
130 100
95 94.6 0.0 205.4





#45

1,2-Dichloropropane

Concen: 19.443 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073191.D

Acq: 20 May 2022 18:54

Instrument :

MSVOA_D

ClientSampleId :

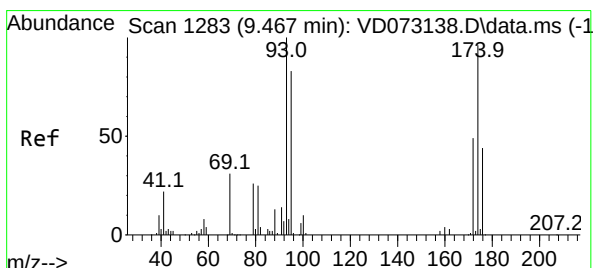
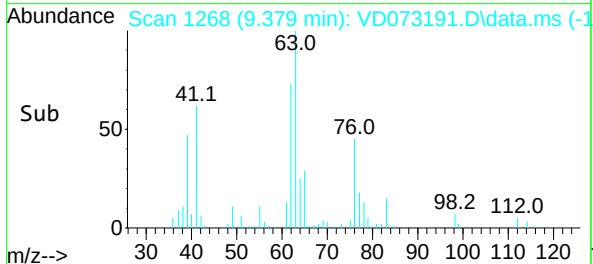
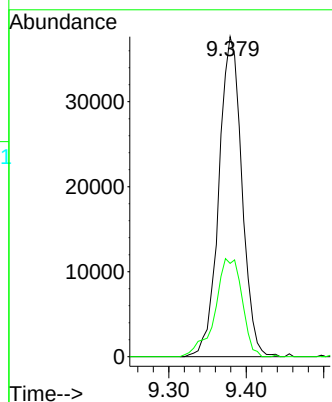
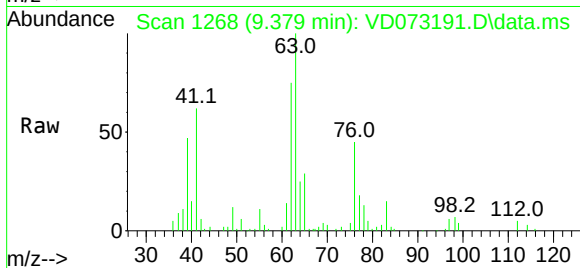
VD0520SBSD01

Tgt Ion: 63 Resp: 77767

Ion Ratio Lower Upper

63 100

65 29.1 26.2 39.4



#46

Dibromomethane

Concen: 19.968 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073191.D

Acq: 20 May 2022 18:54

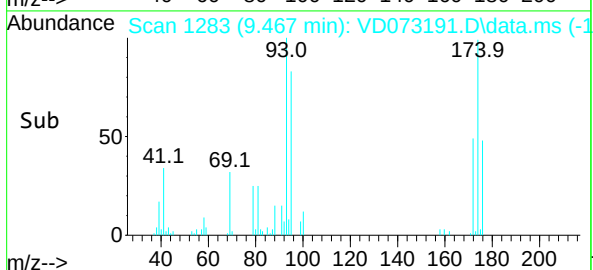
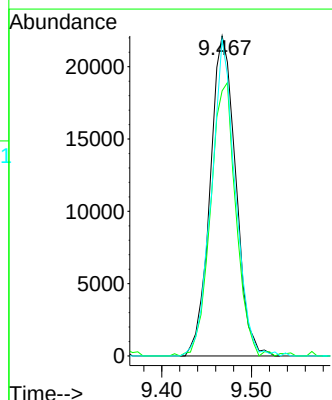
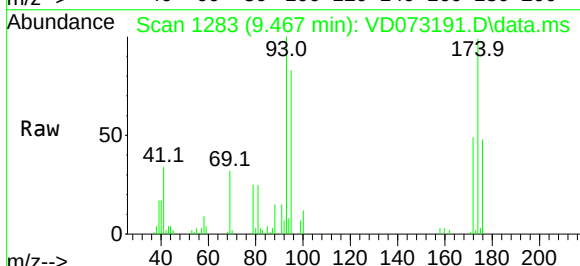
Tgt Ion: 93 Resp: 43864

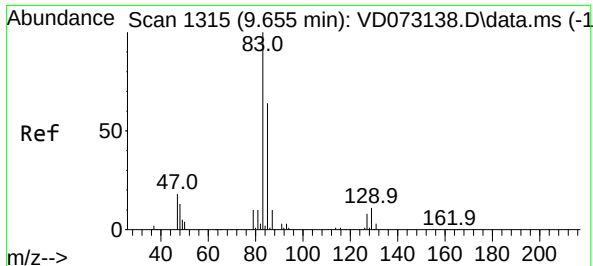
Ion Ratio Lower Upper

93 100

95 84.5 66.7 100.1

174 92.5 71.6 107.4

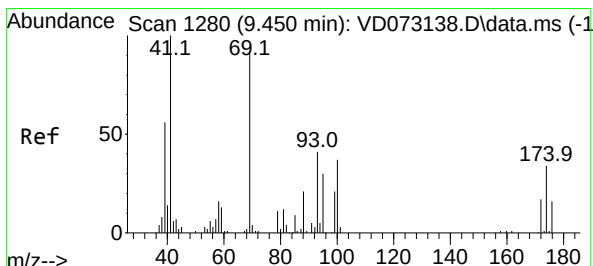
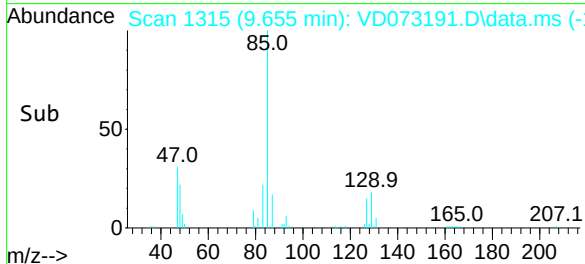
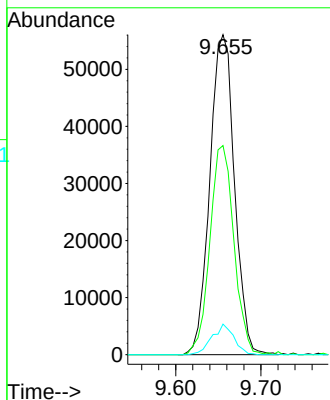
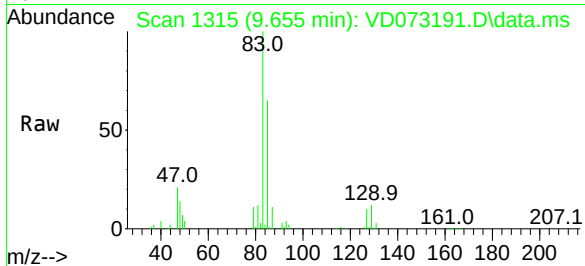




#47
Bromodichloromethane
Concen: 20.056 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

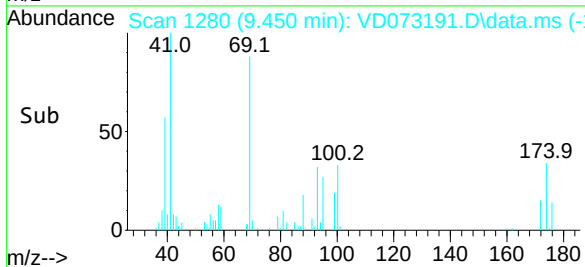
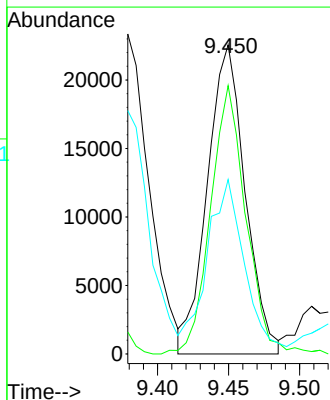
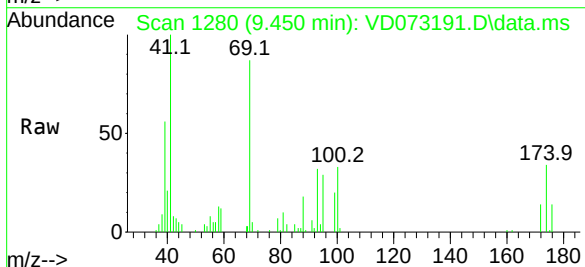
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBSD01

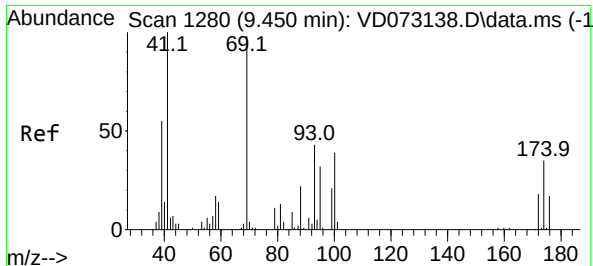
Tgt Ion: 83 Resp: 112732
Ion Ratio Lower Upper
83 100
85 65.4 51.4 77.0
127 9.5 6.1 9.1#



#48
Methyl methacrylate
Concen: 20.639 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion: 41 Resp: 41779
Ion Ratio Lower Upper
41 100
69 81.5 56.7 85.1
39 56.7 42.7 64.1





#49

1,4-Dioxane

Concen: 408.623 ug/l

RT: 9.455 min Scan# 1280

Delta R.T. 0.005 min

Lab File: VD073191.D

Acq: 20 May 2022 18:54

Instrument :

MSVOA_D

ClientSampleId :

VD0520SBSD01

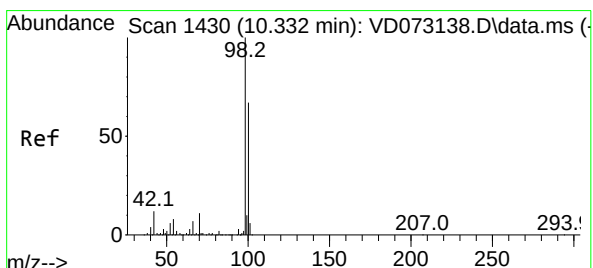
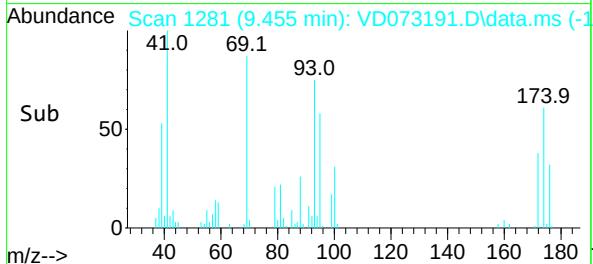
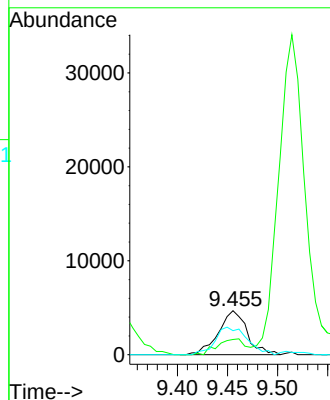
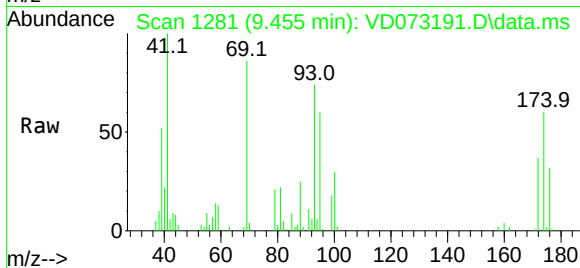
Tgt Ion: 88 Resp: 9270

Ion Ratio Lower Upper

88 100

43 35.7 31.0 46.4

58 70.4 58.1 87.1



#50

Toluene-d8

Concen: 51.732 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073191.D

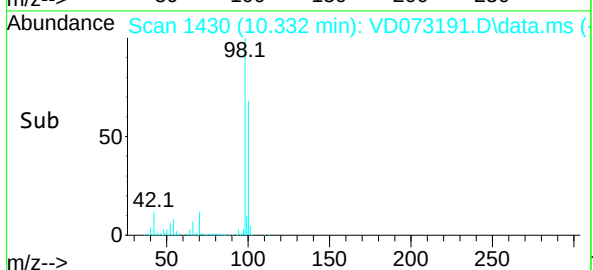
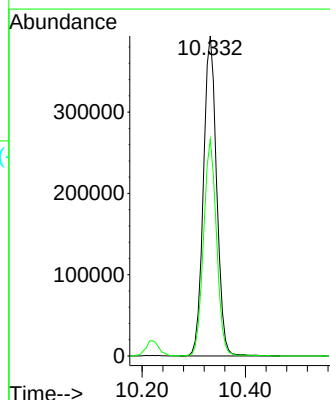
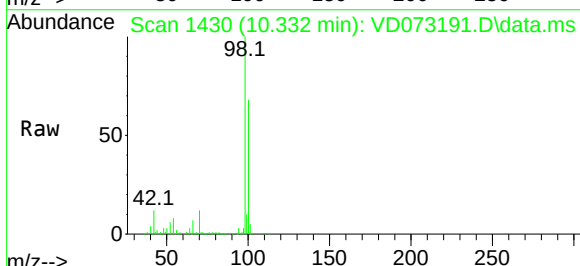
Acq: 20 May 2022 18:54

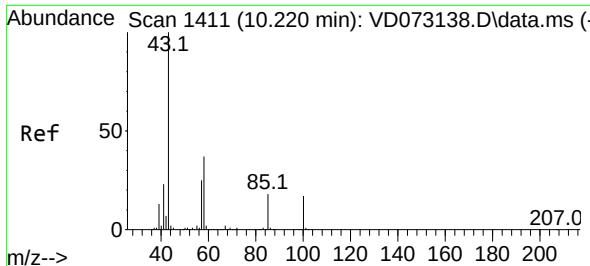
Tgt Ion: 98 Resp: 698741

Ion Ratio Lower Upper

98 100

100 66.3 52.4 78.6

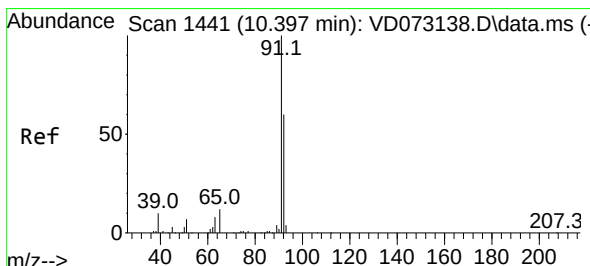
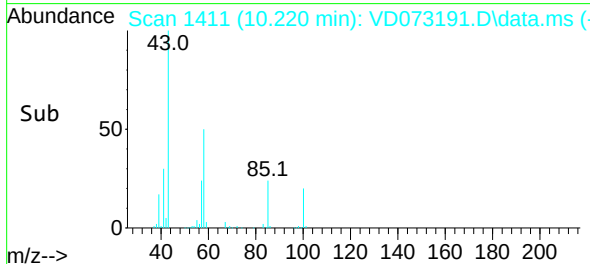
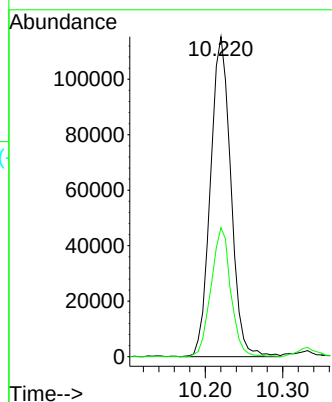
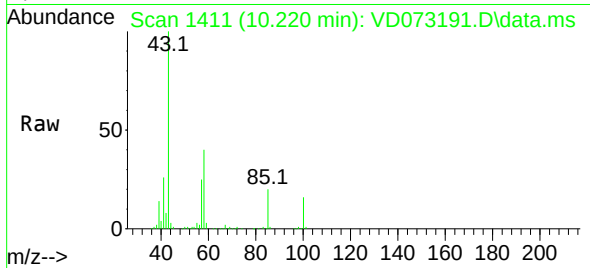




#51
4-Methyl-2-Pentanone
Concen: 101.107 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

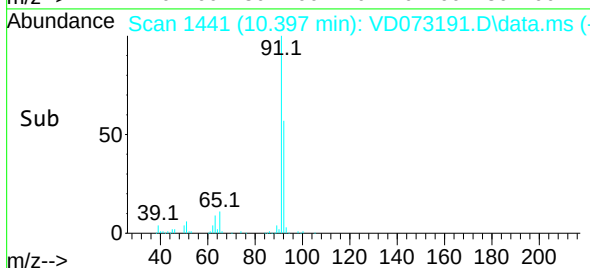
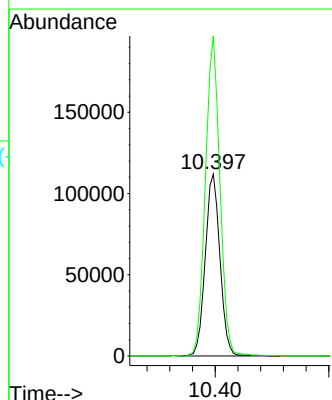
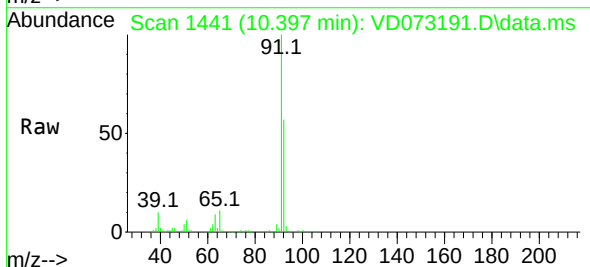
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

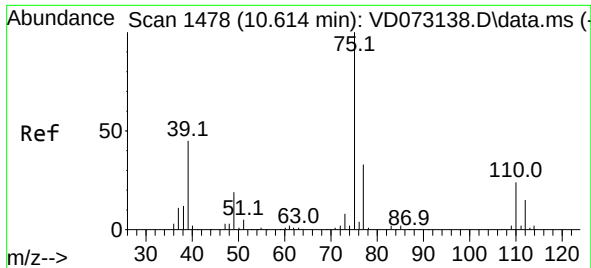
Tgt Ion: 43 Resp: 211283
Ion Ratio Lower Upper
43 100
58 38.9 28.6 43.0



#52
Toluene
Concen: 19.956 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion: 92 Resp: 200284
Ion Ratio Lower Upper
92 100
91 174.0 139.6 209.4

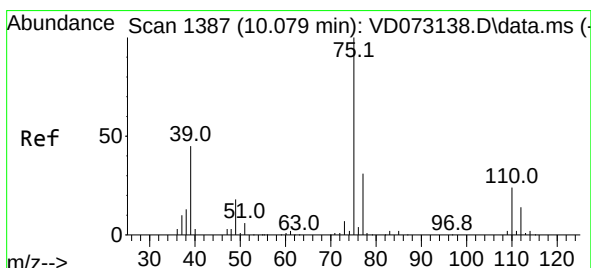
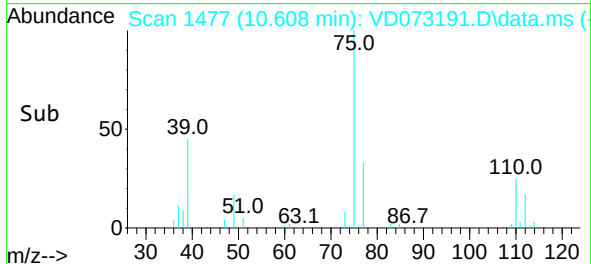
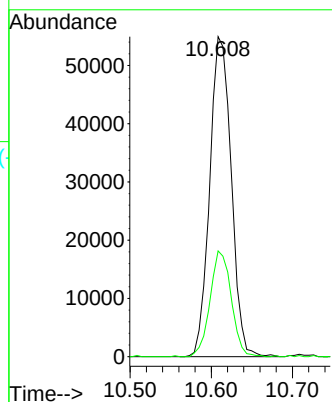
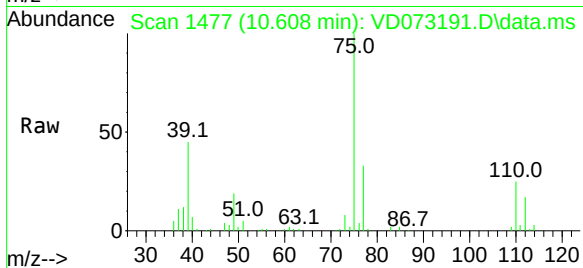




#53
 t-1,3-Dichloropropene
 Concen: 19.955 ug/l
 RT: 10.608 min Scan# 1477
 Delta R.T. -0.006 min
 Lab File: VD073191.D
 Acq: 20 May 2022 18:54

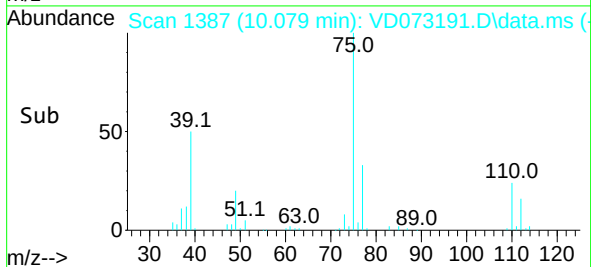
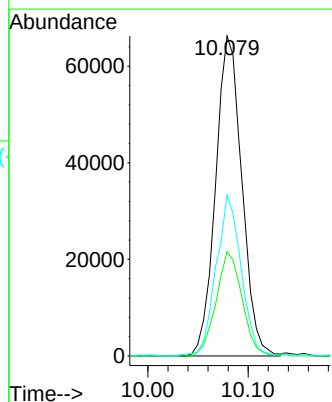
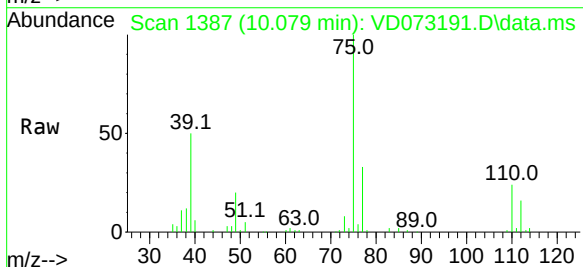
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0520SBS01

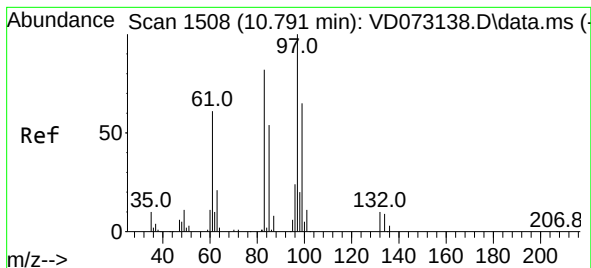
Tgt Ion: 75 Resp: 101329
 Ion Ratio Lower Upper
 75 100
 77 33.1 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.823 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. -0.000 min
 Lab File: VD073191.D
 Acq: 20 May 2022 18:54

Tgt Ion: 75 Resp: 120461
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.8 37.2
 39 49.9 46.8 70.2

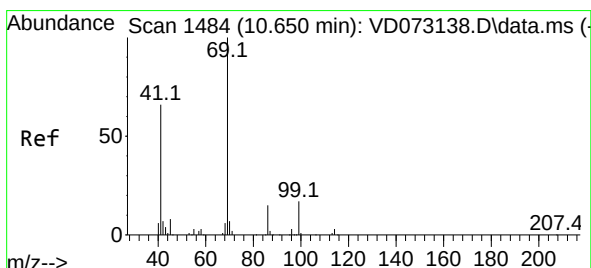
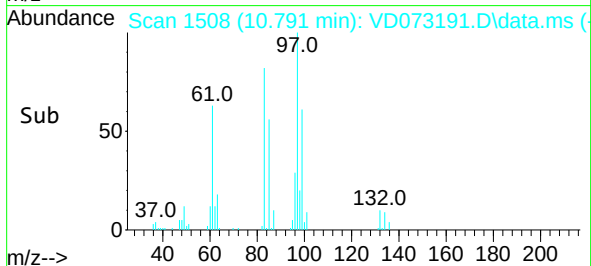
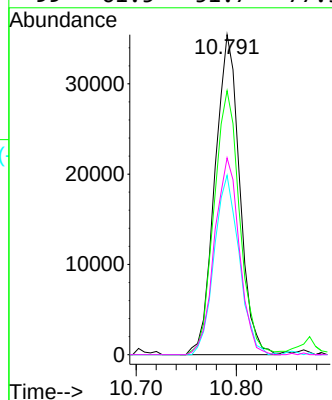
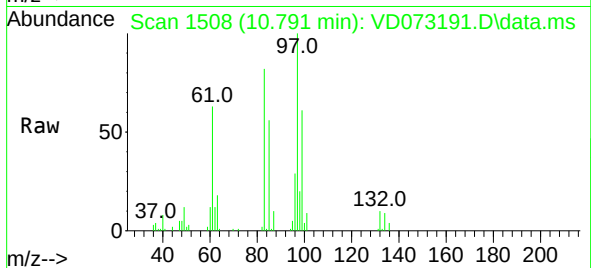




#55
1,1,2-Trichloroethane
Concen: 20.424 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

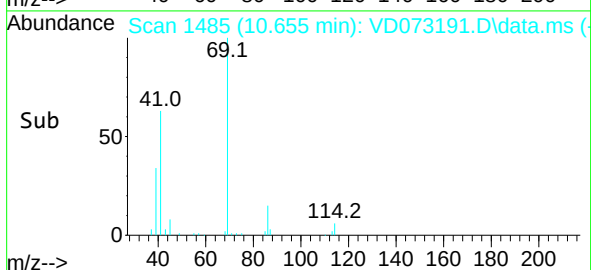
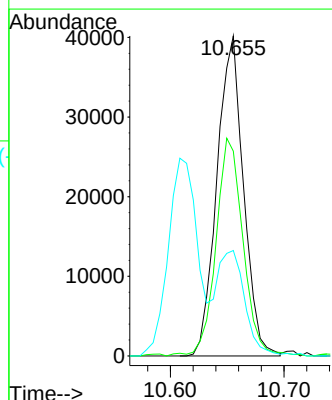
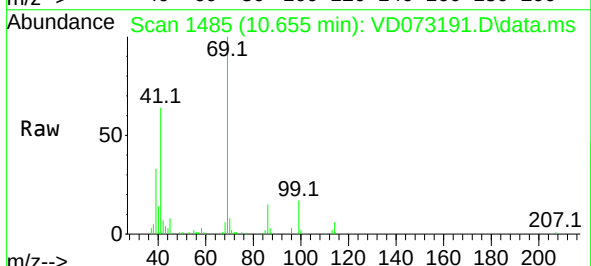
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBSD01

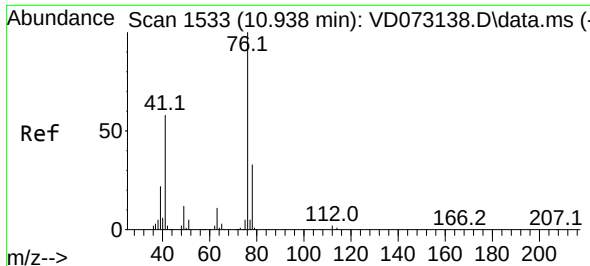
Tgt Ion:	97	Resp:	60671
Ion	Ratio	Lower	Upper
97	100		
83	82.5	69.0	103.4
85	56.0	42.6	63.8
99	61.5	51.7	77.5



#56
Ethyl methacrylate
Concen: 19.734 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.005 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion:	69	Resp:	65179
Ion	Ratio	Lower	Upper
69	100		
41	69.5	63.0	94.6
39	36.2	33.8	50.8

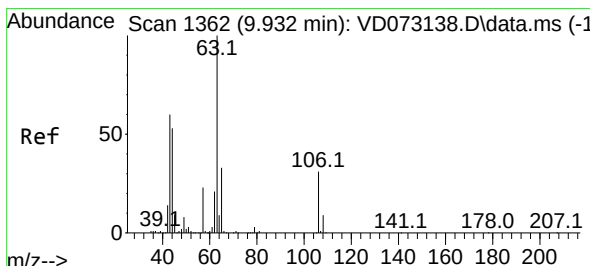
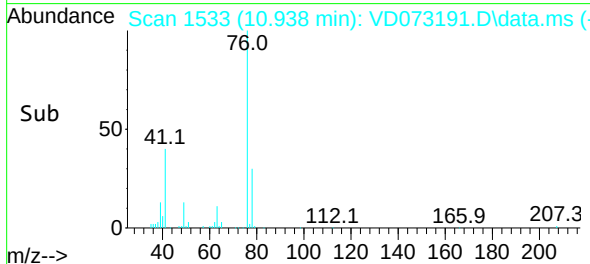
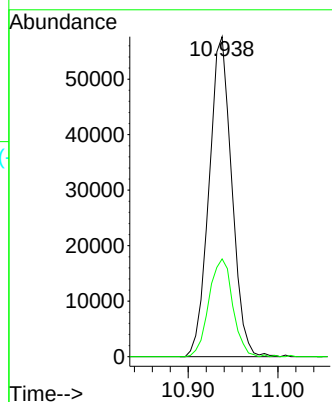
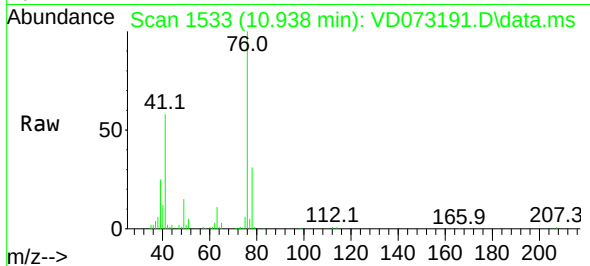




#57
1,3-Dichloropropane
Concen: 20.325 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

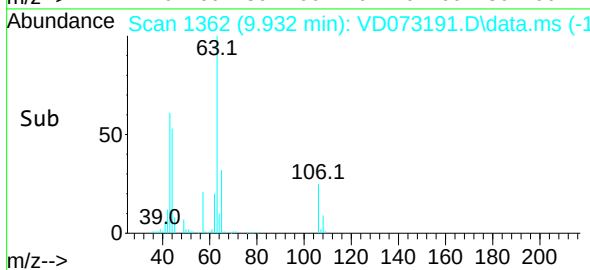
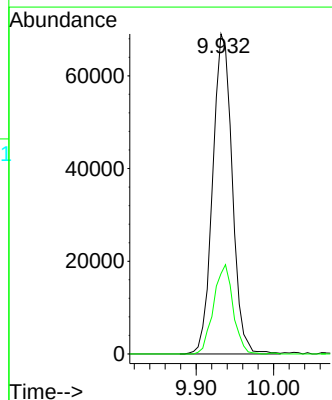
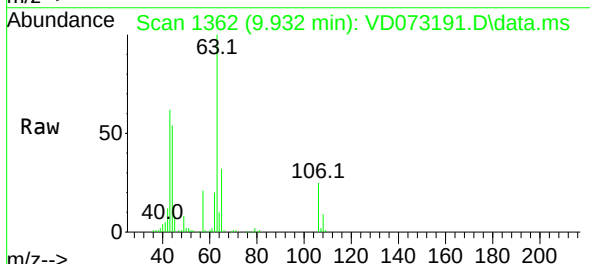
Instrument : MSVOA_D
ClientSampleId : VD0520SBSD01

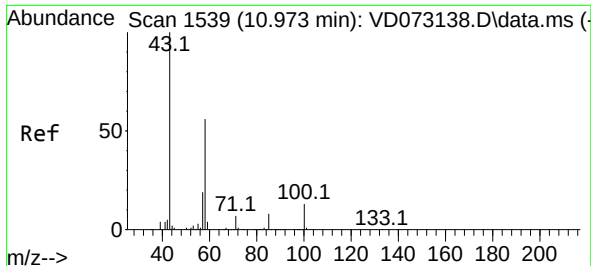
Tgt Ion: 76 Resp: 101310
Ion Ratio Lower Upper
76 100
78 31.9 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 92.050 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion: 63 Resp: 120979
Ion Ratio Lower Upper
63 100
106 27.7 21.4 32.0

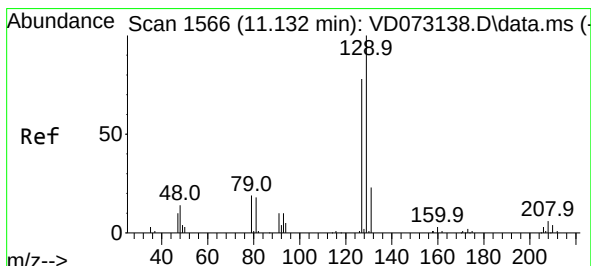
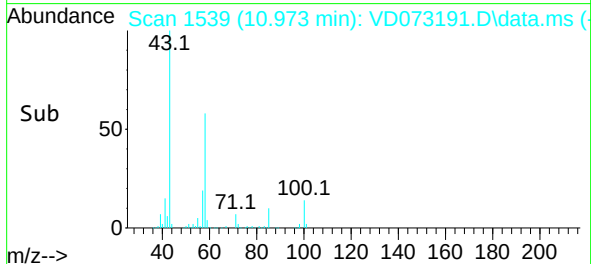
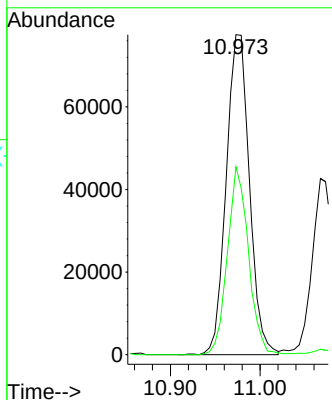
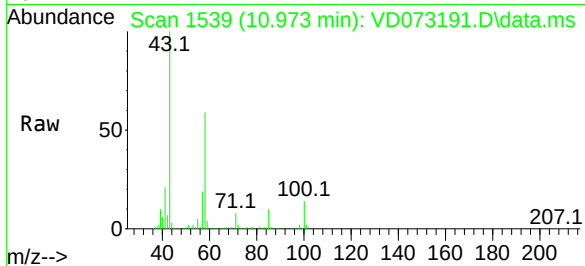




#59
2-Hexanone
Concen: 101.029 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

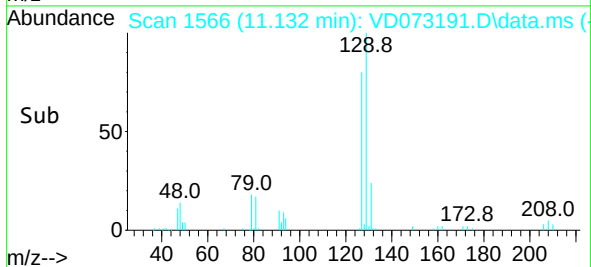
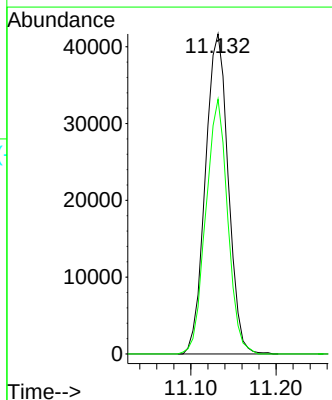
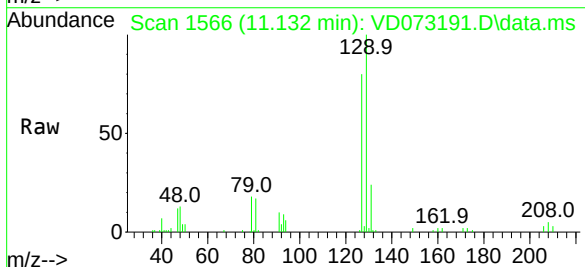
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBSD01

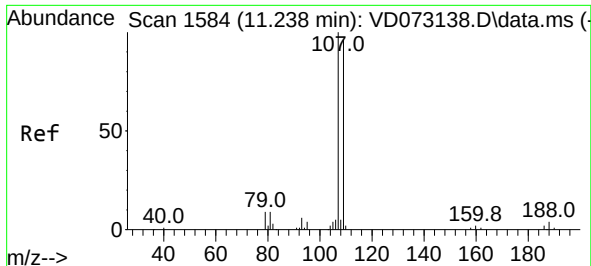
Tgt Ion: 43 Resp: 139189
Ion Ratio Lower Upper
43 100
58 53.4 25.3 75.9



#60
Dibromochloromethane
Concen: 21.011 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion:129 Resp: 77828
Ion Ratio Lower Upper
129 100
127 76.2 39.2 117.6

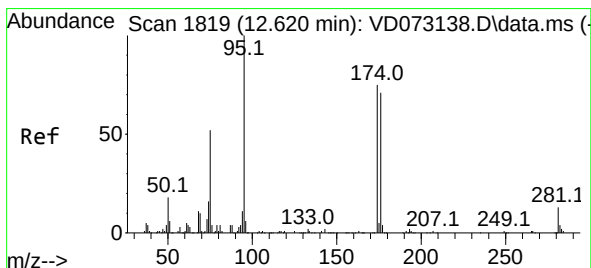
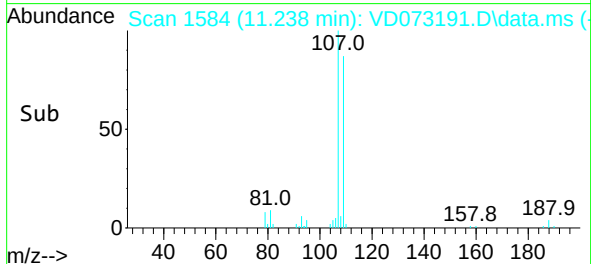
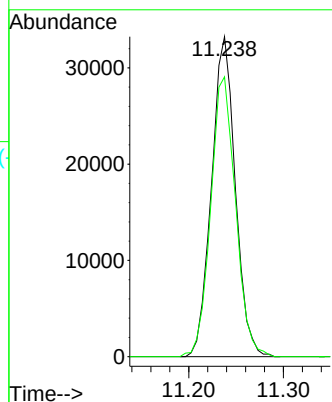
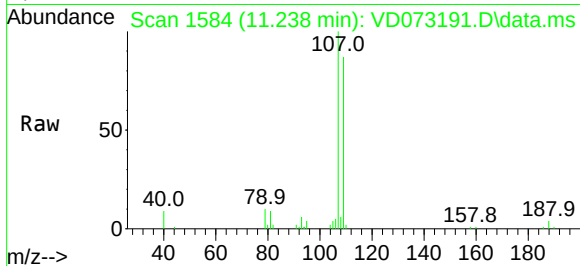




#61
1,2-Dibromoethane
Concen: 20.444 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

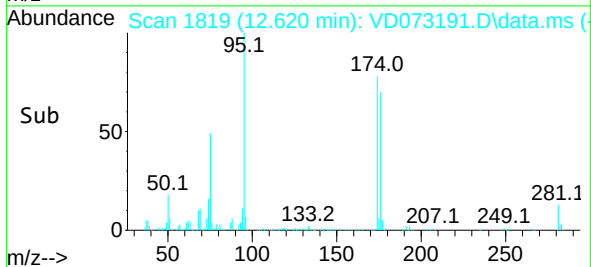
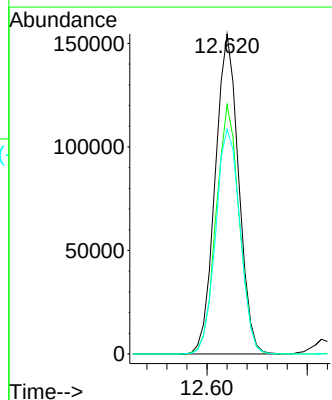
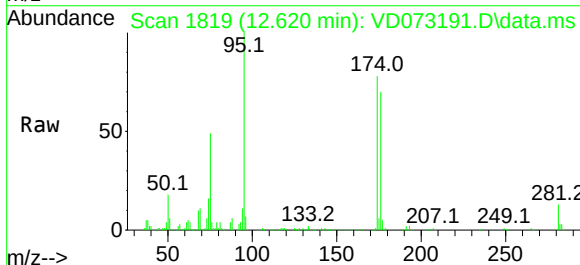
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBSD01

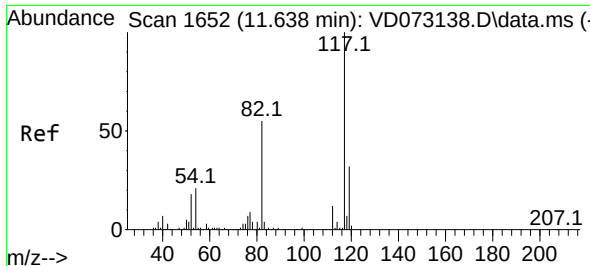
Tgt Ion:107 Resp: 58032
Ion Ratio Lower Upper
107 100
109 91.3 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 52.748 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion: 95 Resp: 250037
Ion Ratio Lower Upper
95 100
174 76.8 0.0 152.8
176 72.9 0.0 145.4

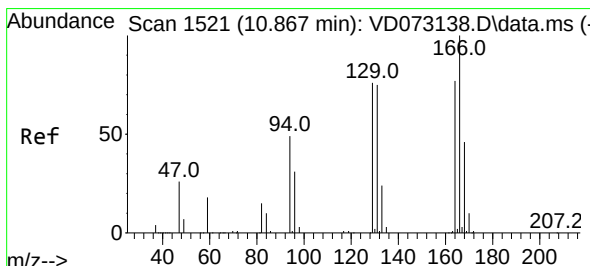
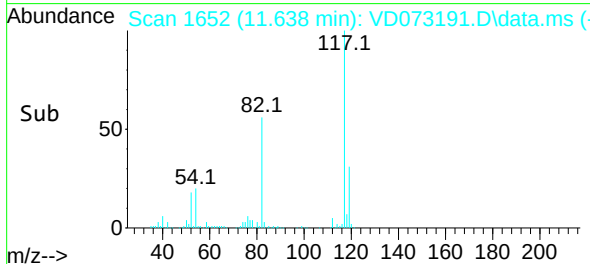
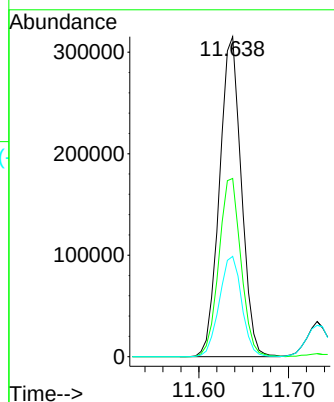
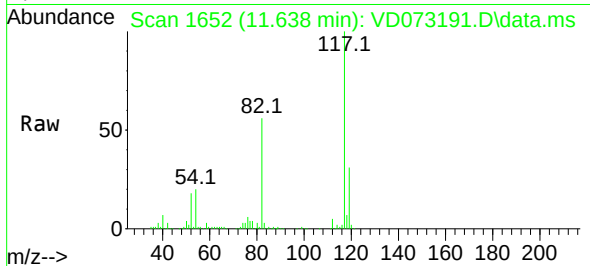




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

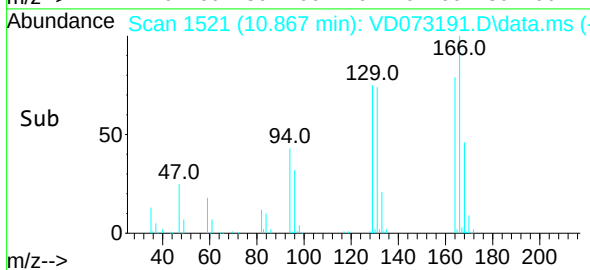
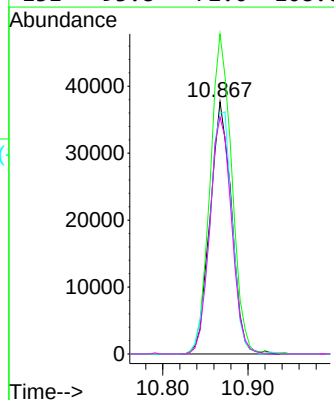
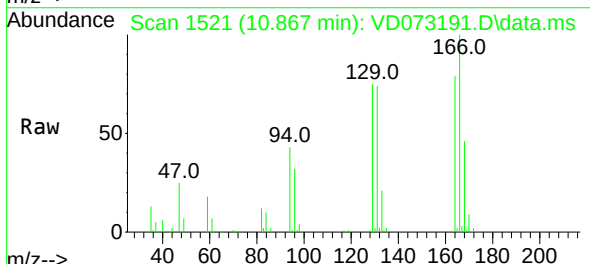
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBSD01

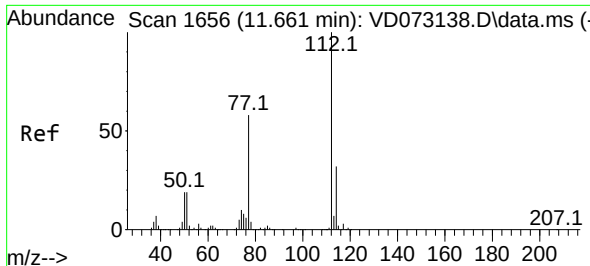
Tgt Ion:117 Resp: 532696
Ion Ratio Lower Upper
117 100
82 55.7 45.3 67.9
119 31.4 26.6 40.0



#64
Tetrachloroethene
Concen: 18.879 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion:164 Resp: 65869
Ion Ratio Lower Upper
164 100
166 126.9 98.5 147.7
129 95.5 74.6 111.8
131 93.8 72.0 108.0

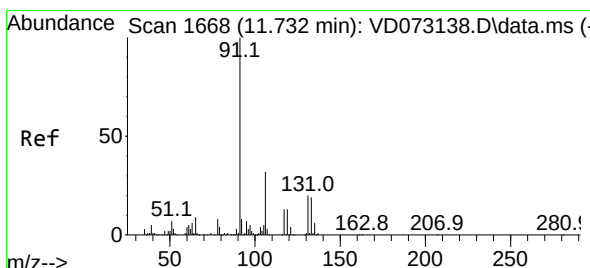
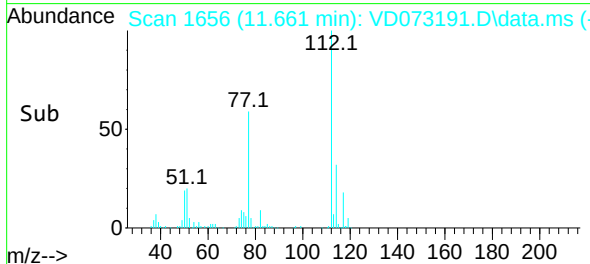
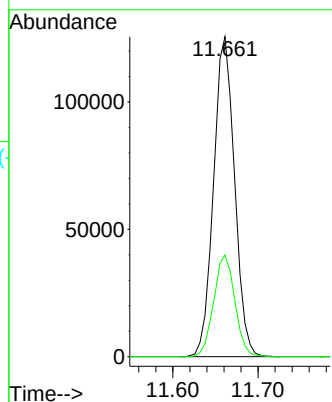
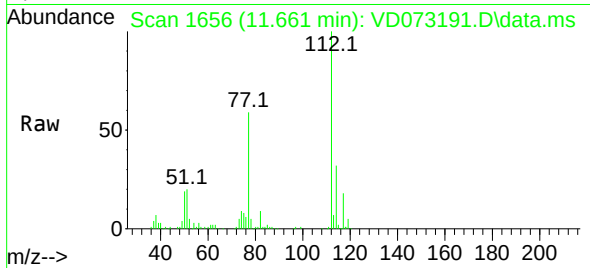




#65
Chlorobenzene
Concen: 19.675 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

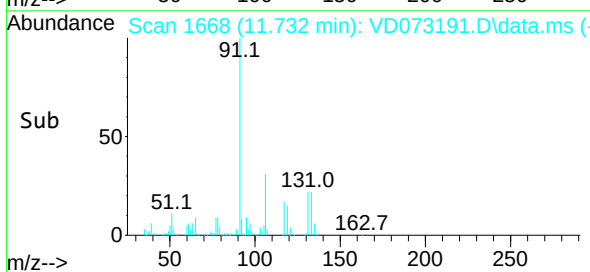
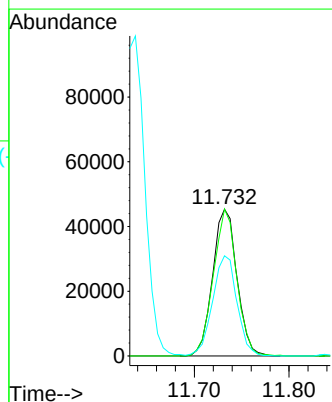
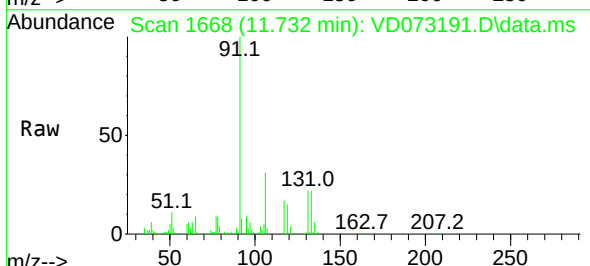
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBSD01

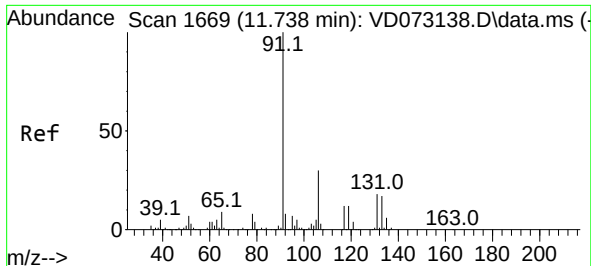
Tgt Ion:112 Resp: 215007
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.949 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion:131 Resp: 80853
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.3
119 68.6 31.9 95.9

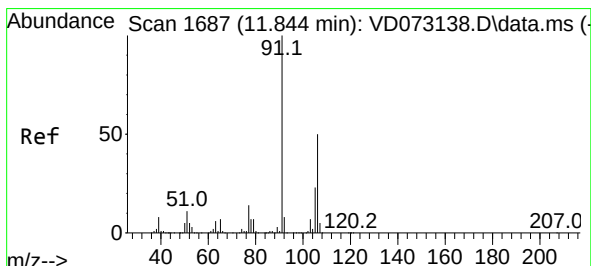
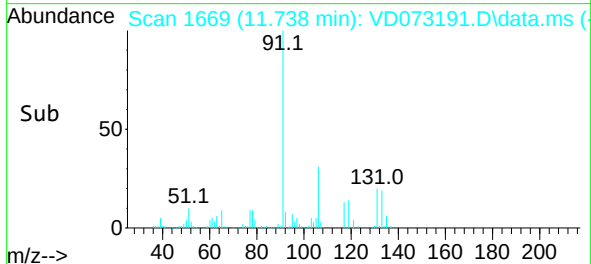
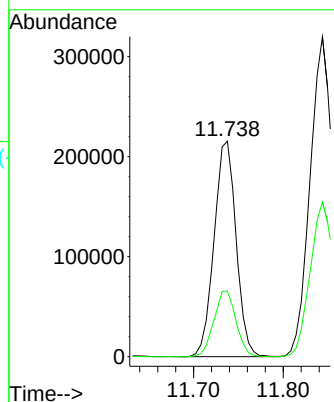
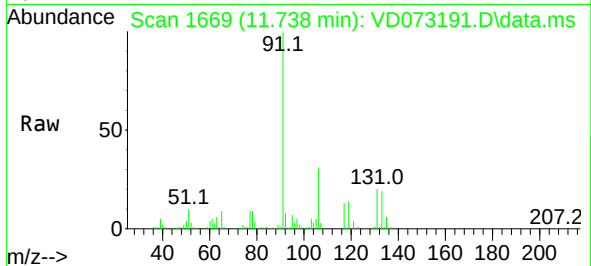




#67
Ethyl Benzene
Concen: 19.130 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

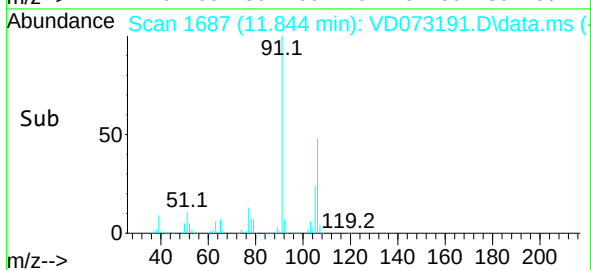
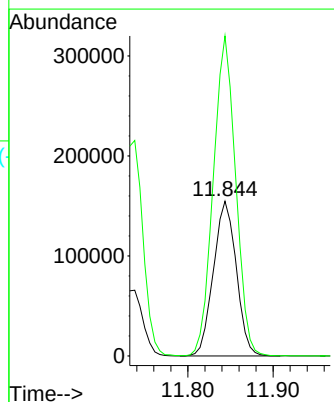
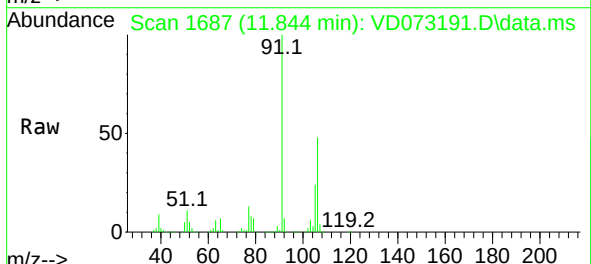
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBSD01

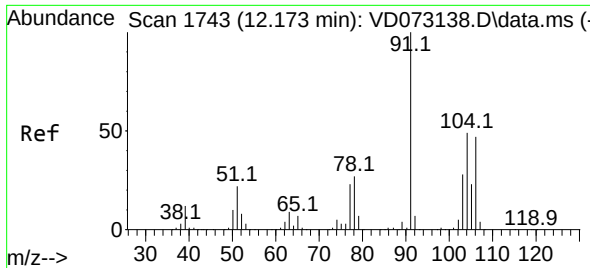
Tgt Ion: 91 Resp: 366988
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4



#68
m/p-Xylenes
Concen: 38.699 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion: 106 Resp: 288434
Ion Ratio Lower Upper
106 100
91 202.4 163.7 245.5

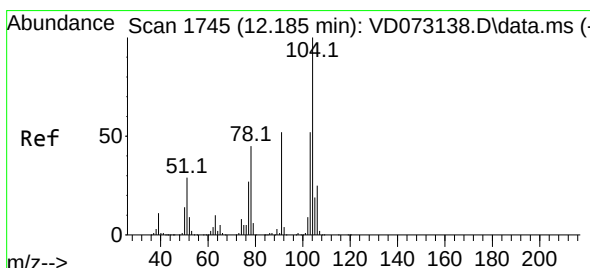
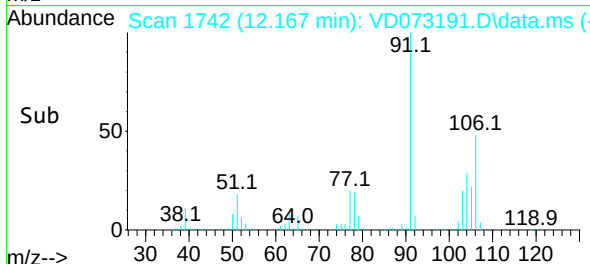
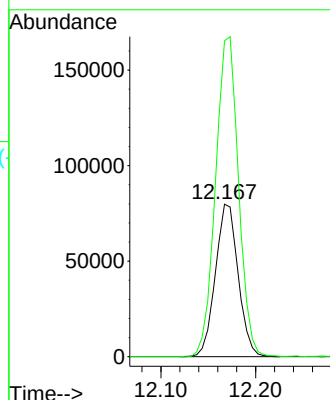
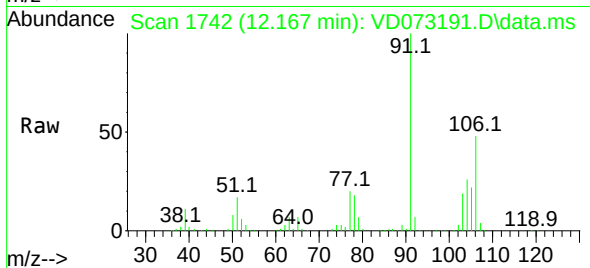




#69
o-Xylene
Concen: 19.449 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

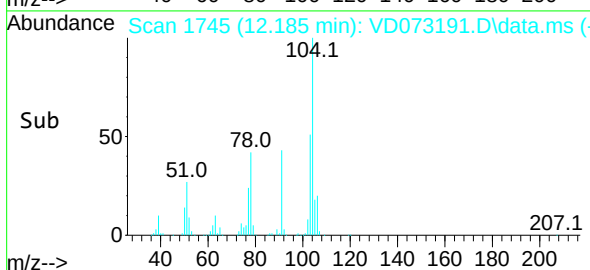
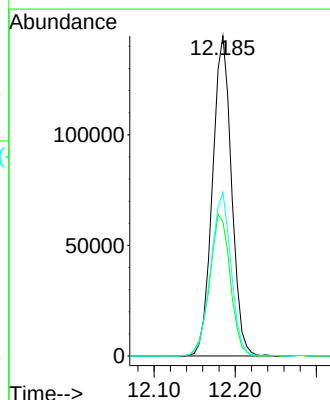
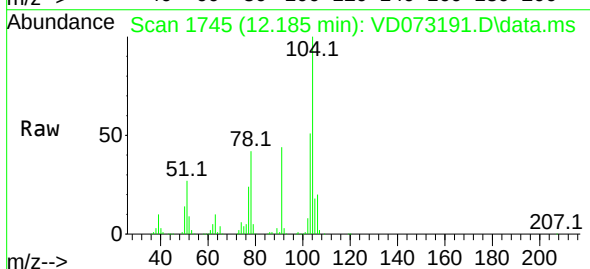
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBSD01

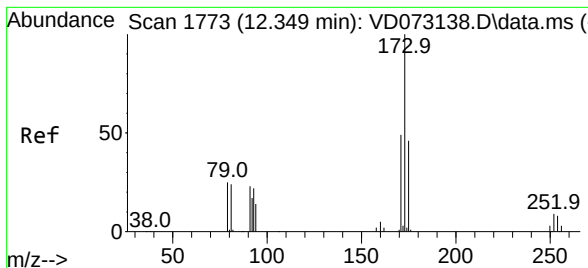
Tgt Ion:106 Resp: 133167
Ion Ratio Lower Upper
106 100
91 212.2 110.4 331.2



#70
Styrene
Concen: 20.012 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion:104 Resp: 235744
Ion Ratio Lower Upper
104 100
78 48.0 41.8 62.8
103 54.3 44.2 66.4





#71

Bromoform

Concen: 21.061 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073191.D

Acq: 20 May 2022 18:54

Instrument :

MSVOA_D

ClientSampleId :

VD0520SBSD01

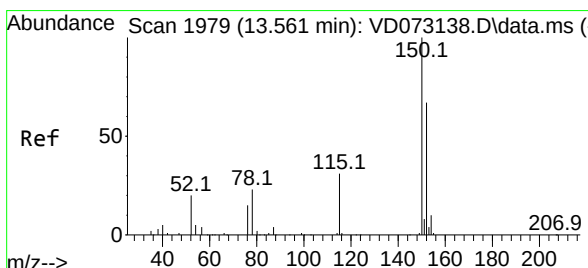
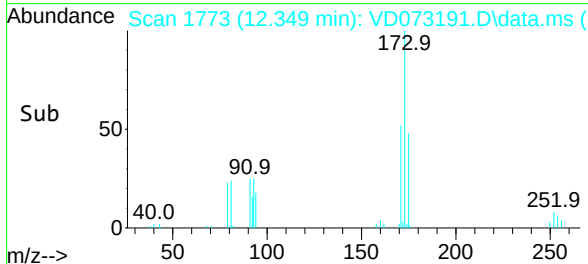
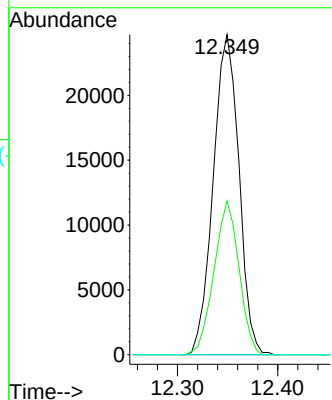
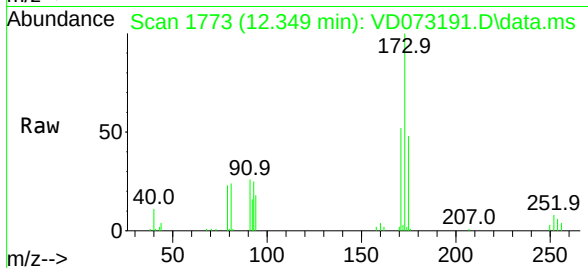
Tgt Ion:173 Resp: 43932

Ion Ratio Lower Upper

173 100

175 46.7 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073191.D

Acq: 20 May 2022 18:54

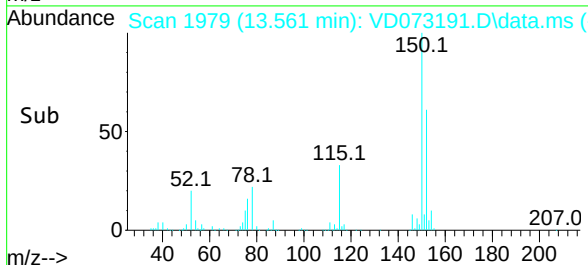
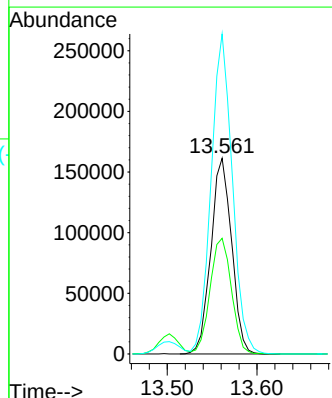
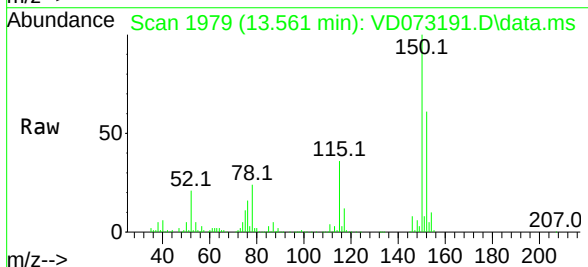
Tgt Ion:152 Resp: 258973

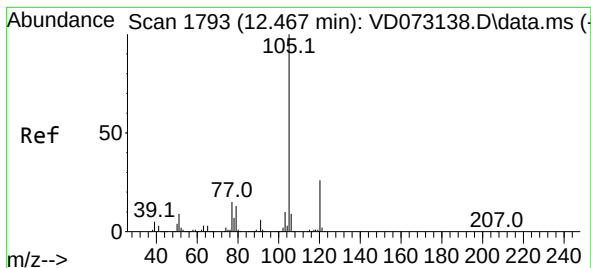
Ion Ratio Lower Upper

152 100

115 61.1 31.3 93.8

150 167.1 0.0 348.6





#73

Isopropylbenzene

Concen: 18.999 ug/l

RT: 12.467 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD073191.D

Acq: 20 May 2022 18:54

Instrument :

MSVOA_D

ClientSampleId :

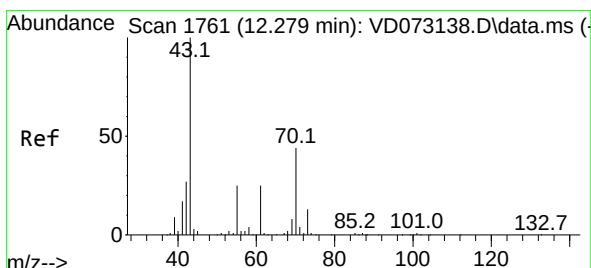
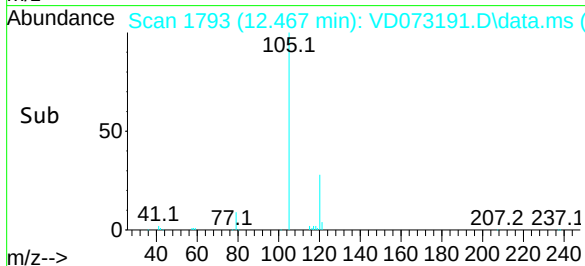
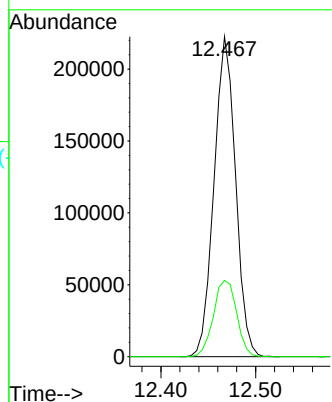
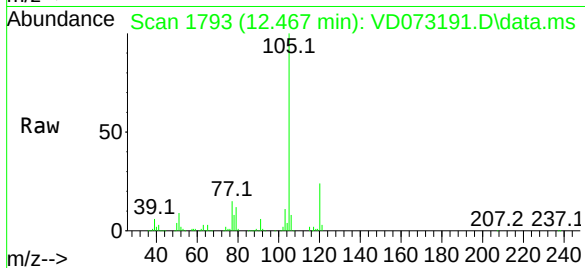
VD0520SBS01

Tgt Ion:105 Resp: 350752

Ion Ratio Lower Upper

105 100

120 25.7 13.0 38.9



#74

N-ethyl acetate

Concen: 19.128 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD073191.D

Acq: 20 May 2022 18:54

Tgt Ion: 43 Resp: 77040

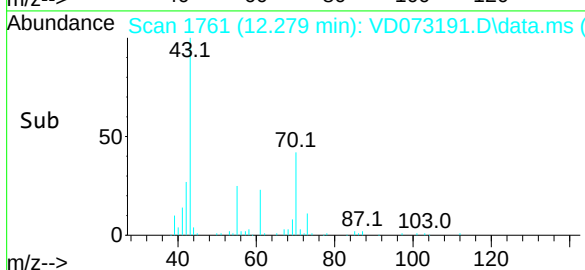
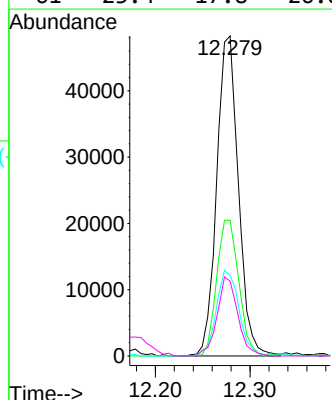
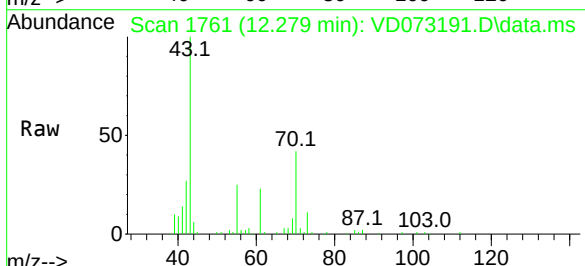
Ion Ratio Lower Upper

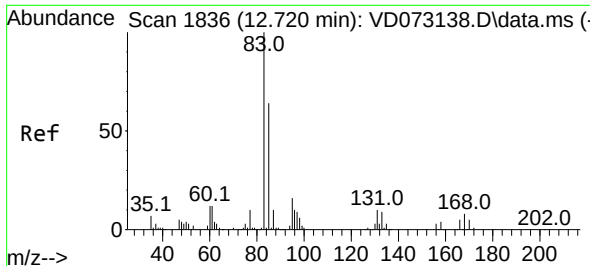
43 100

70 43.0 31.3 46.9

55 27.9 20.0 30.0

61 23.4 17.8 26.8

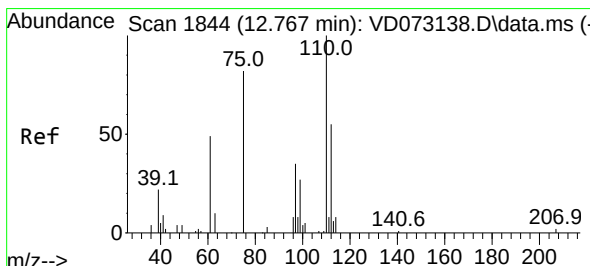
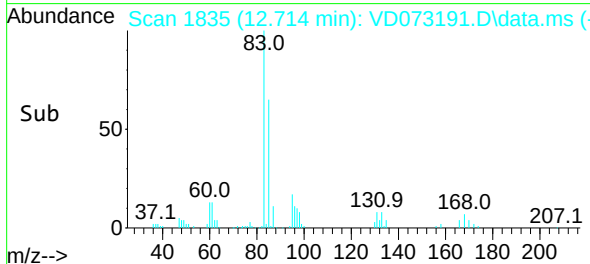
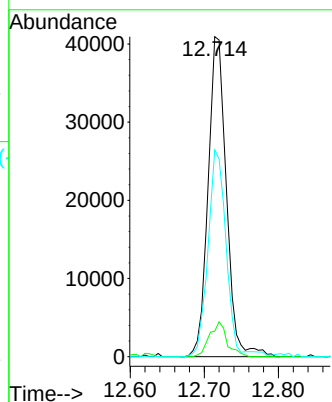
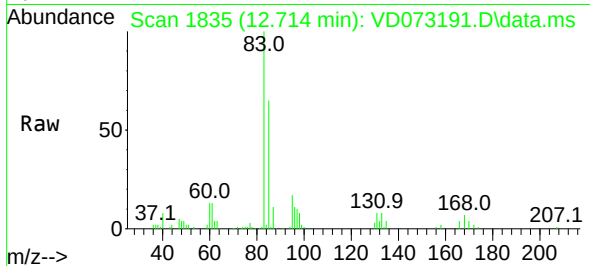




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.664 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD073191.D
 Acq: 20 May 2022 18:54

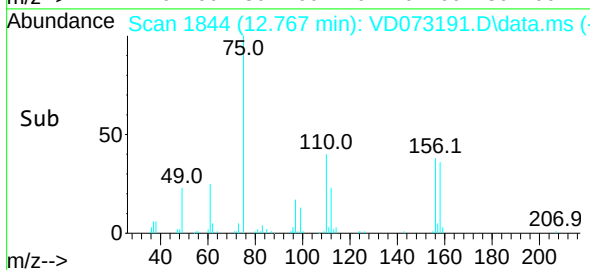
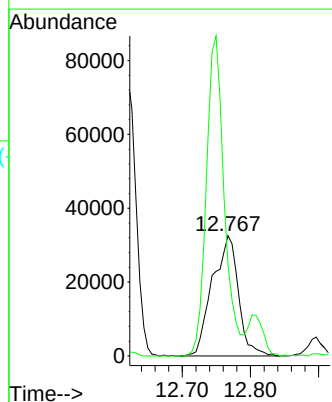
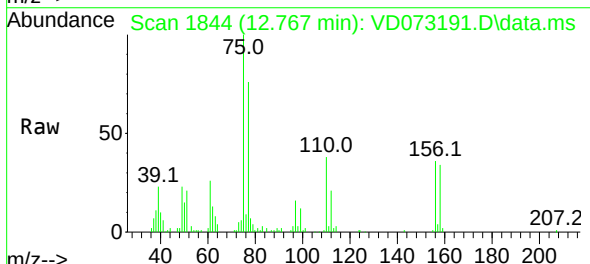
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0520SBSD01

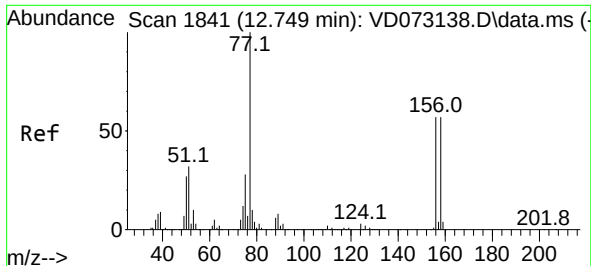
Tgt Ion: 83 Resp: 70360
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.0 14.9
 85 63.0 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 34.005 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VD073191.D
 Acq: 20 May 2022 18:54

Tgt Ion: 75 Resp: 86406
 Ion Ratio Lower Upper
 75 100
 77 184.4 0.0 0.0#

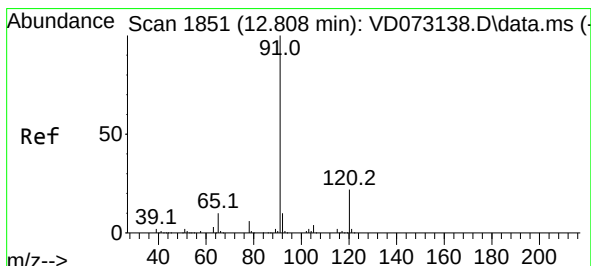
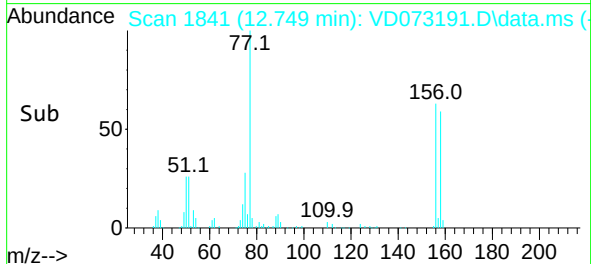
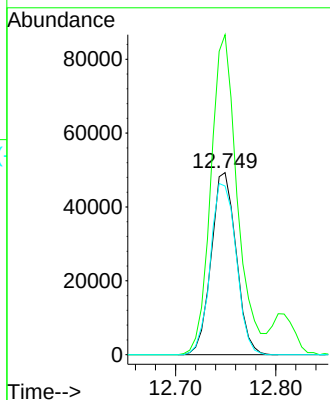
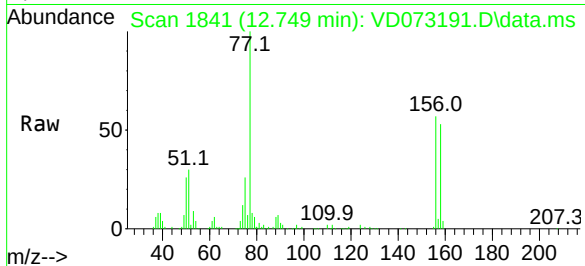




#77
Bromobenzene
Concen: 19.600 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

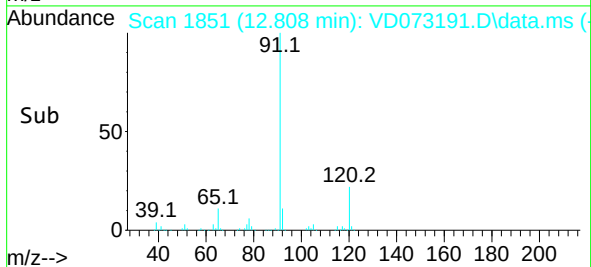
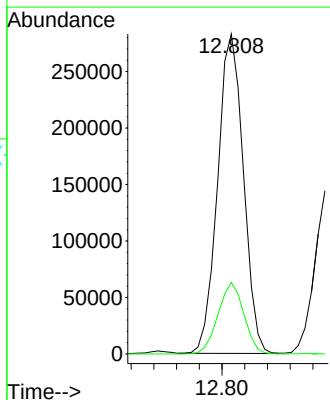
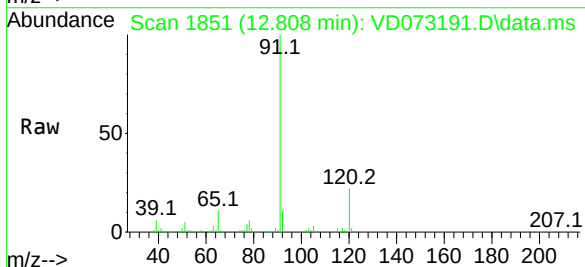
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBSD01

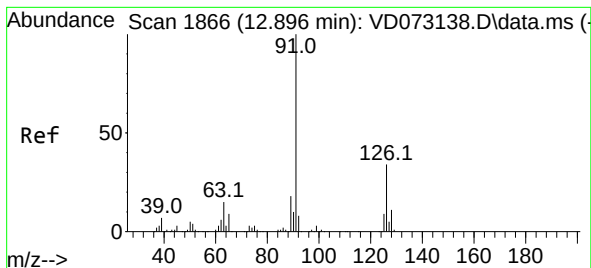
Tgt Ion:156 Resp: 85183
Ion Ratio Lower Upper
156 100
77 187.0 102.8 308.3
158 97.5 48.7 146.1



#78
n-propylbenzene
Concen: 19.211 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion: 91 Resp: 445261
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9





#79

2-Chlorotoluene

Concen: 19.368 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD073191.D

Acq: 20 May 2022 18:54

Instrument :

MSVOA_D

ClientSampleId :

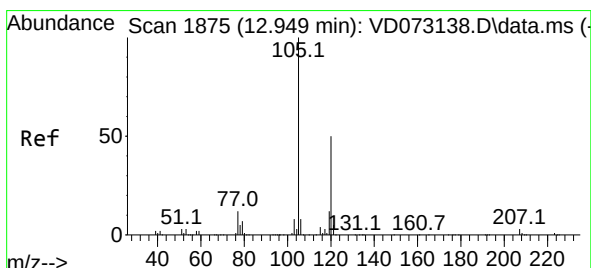
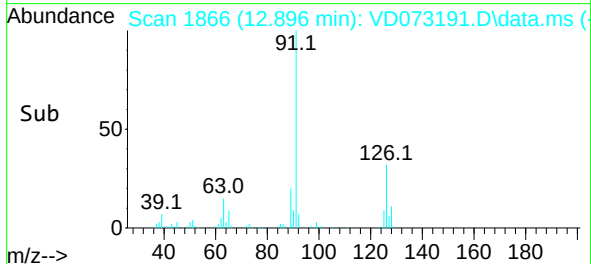
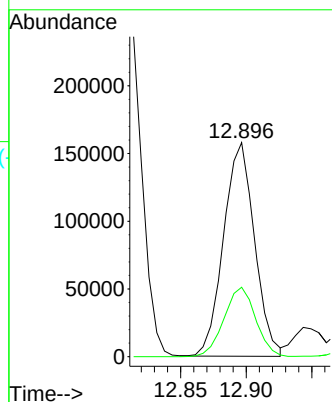
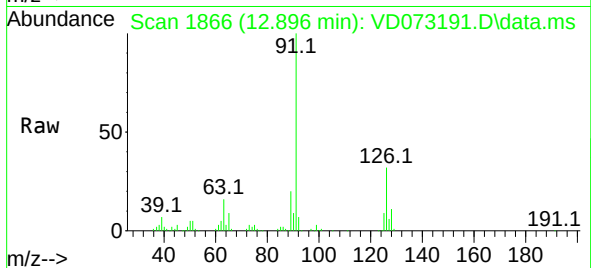
VD0520SBS01

Tgt Ion: 91 Resp: 259189

Ion Ratio Lower Upper

91 100

126 33.3 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 19.670 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD073191.D

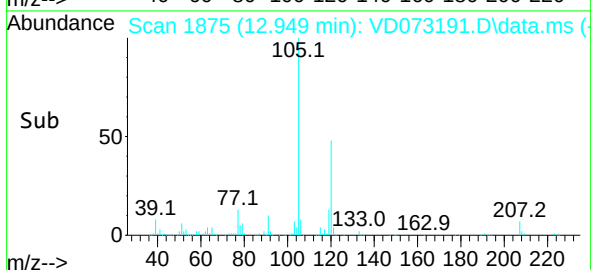
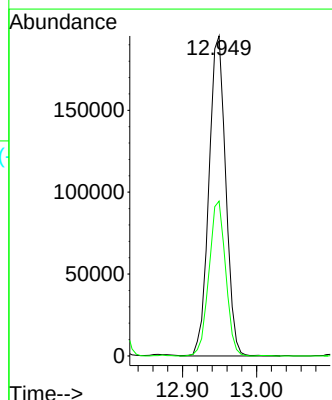
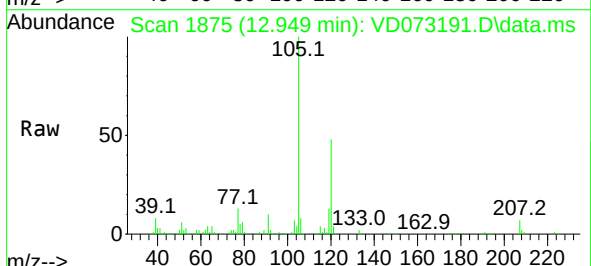
Acq: 20 May 2022 18:54

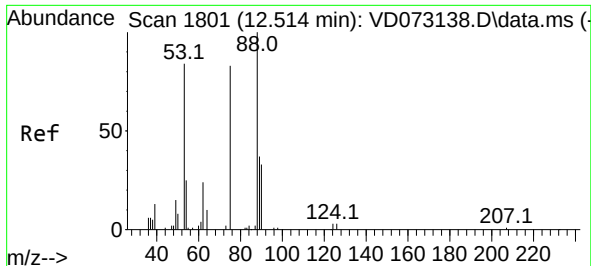
Tgt Ion: 105 Resp: 307616

Ion Ratio Lower Upper

105 100

120 48.0 24.3 72.8

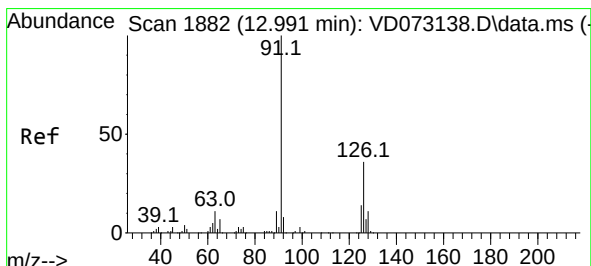
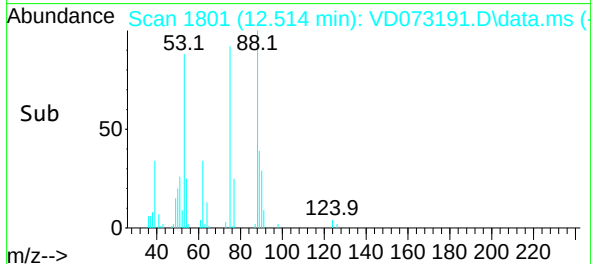
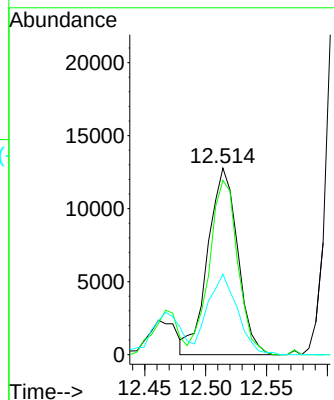
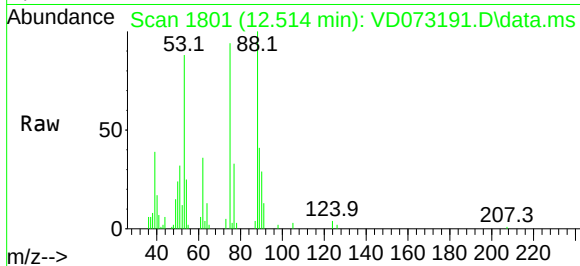




#81
trans-1,4-Dichloro-2-butene
Concen: 20.589 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

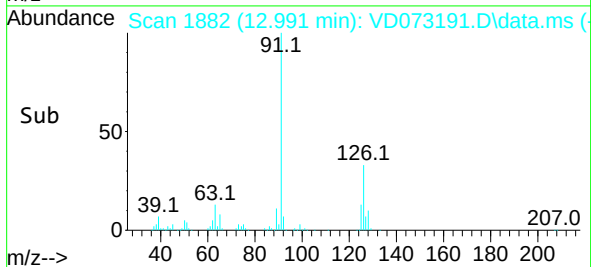
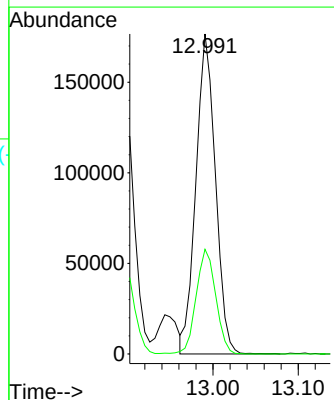
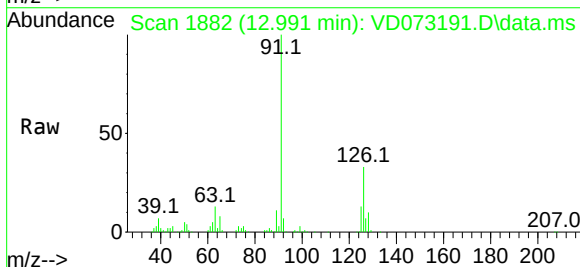
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBSD01

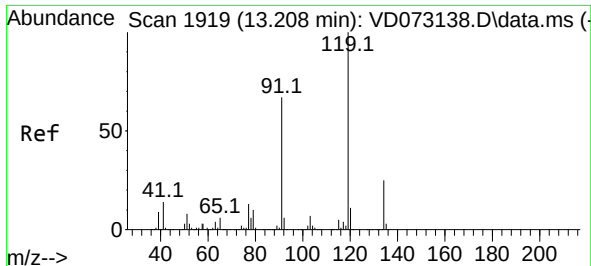
Tgt Ion: 75 Resp: 21792
Ion Ratio Lower Upper
75 100
53 88.8 86.5 129.7
89 42.6 33.9 50.9



#82
4-Chlorotoluene
Concen: 19.952 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion: 91 Resp: 279862
Ion Ratio Lower Upper
91 100
126 33.0 16.5 49.5

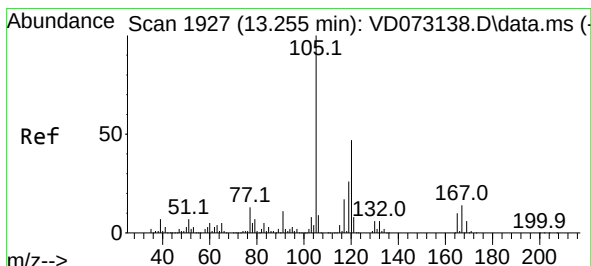
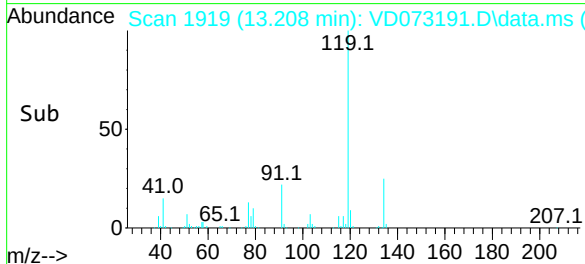
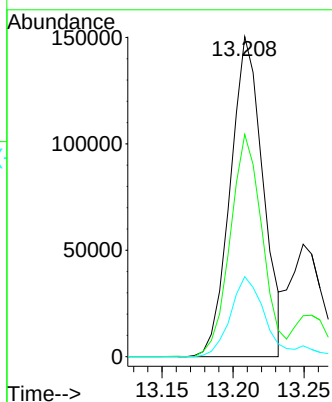
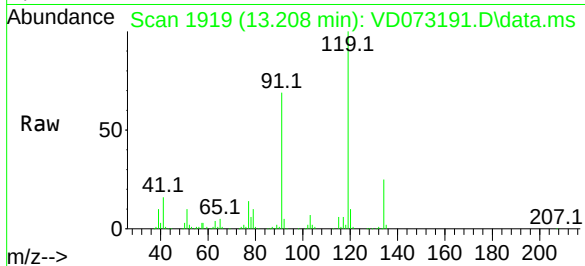




#83
tert-Butylbenzene
Concen: 18.265 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

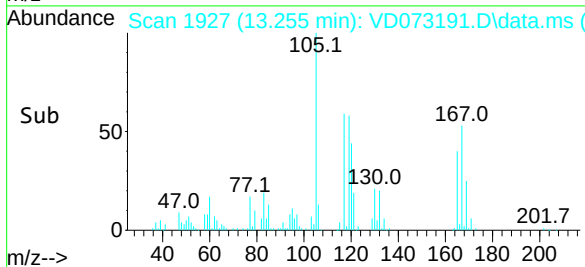
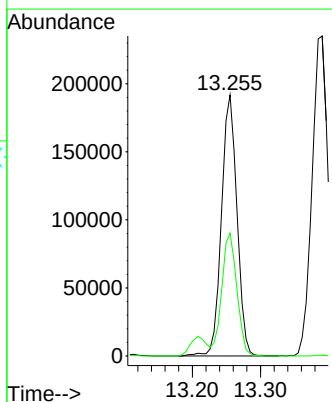
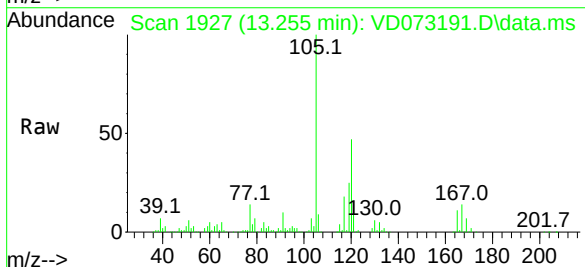
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

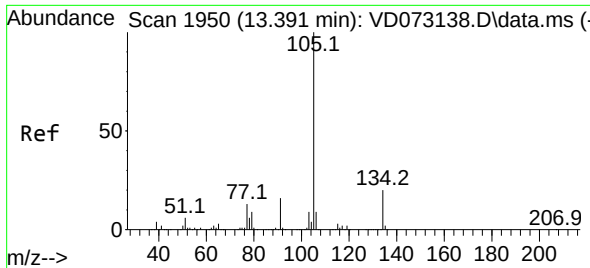
Tgt Ion:119 Resp: 240750
Ion Ratio Lower Upper
119 100
91 68.5 34.8 104.5
134 25.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 19.661 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion:105 Resp: 303767
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.8

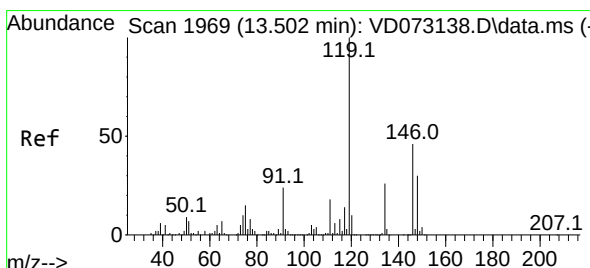
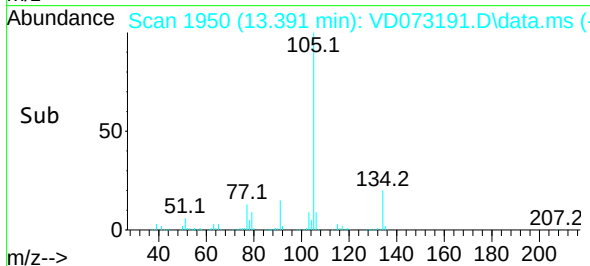
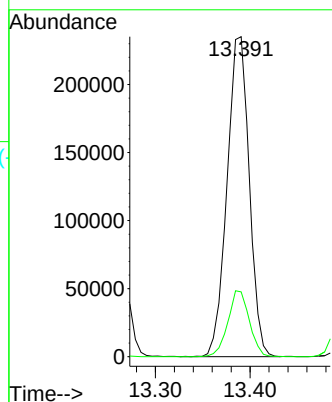
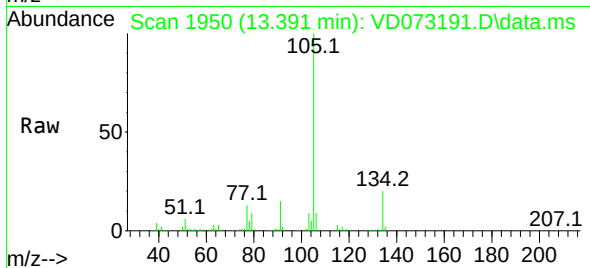




#85
 sec-Butylbenzene
 Concen: 19.049 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD073191.D
 Acq: 20 May 2022 18:54

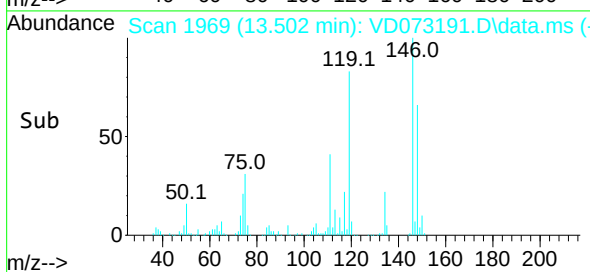
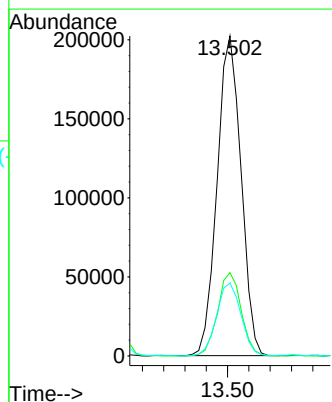
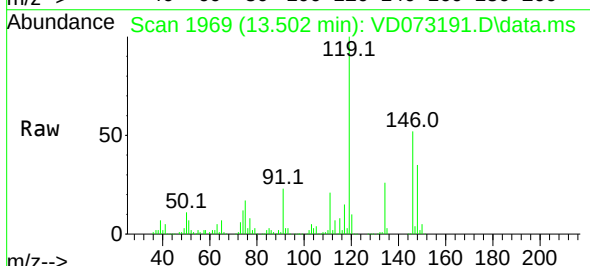
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0520SBS01

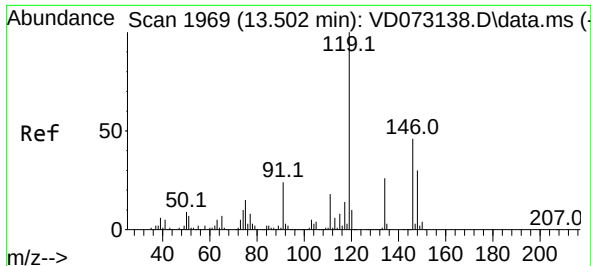
Tgt Ion:105 Resp: 383383
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.201 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073191.D
 Acq: 20 May 2022 18:54

Tgt Ion:119 Resp: 315006
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 23.4 12.1 36.3

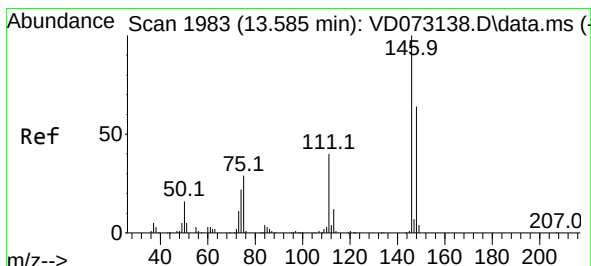
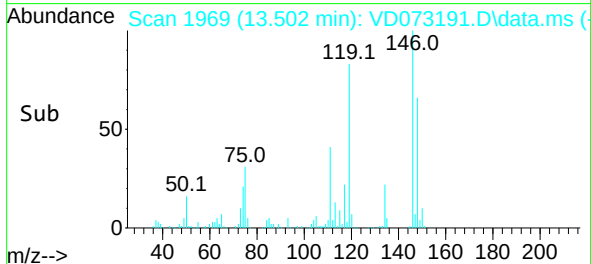
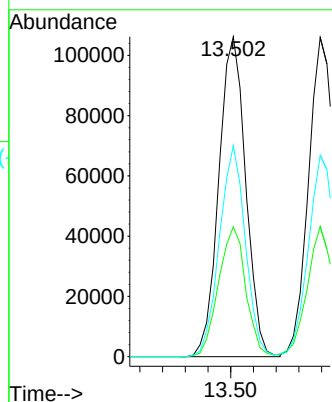
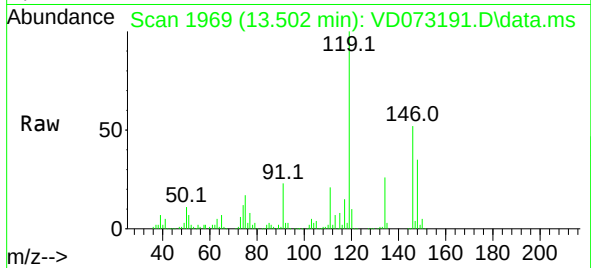




#87
1,3-Dichlorobenzene
Concen: 19.936 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

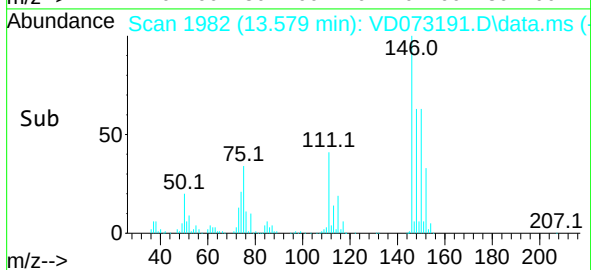
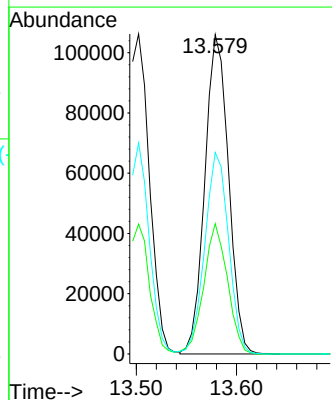
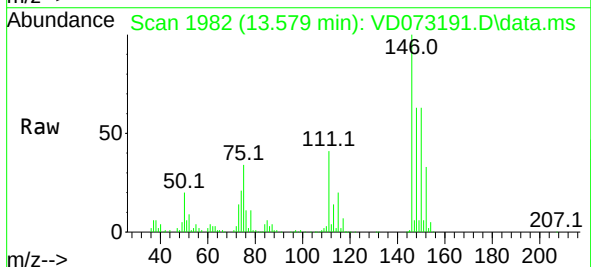
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBSD01

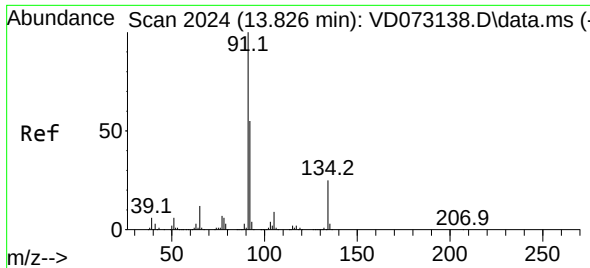
Tgt Ion:146 Resp: 174639
Ion Ratio Lower Upper
146 100
111 41.0 20.4 61.3
148 63.7 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 19.698 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion:146 Resp: 174187
Ion Ratio Lower Upper
146 100
111 40.9 20.3 60.9
148 63.6 31.7 95.1

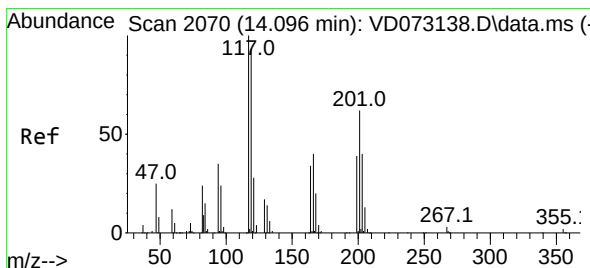
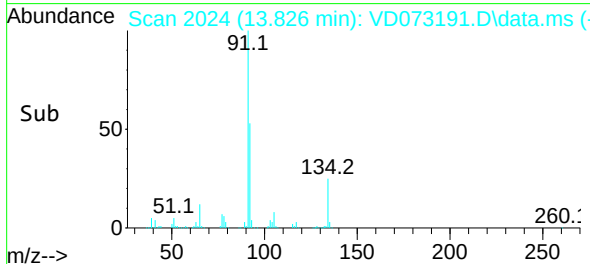
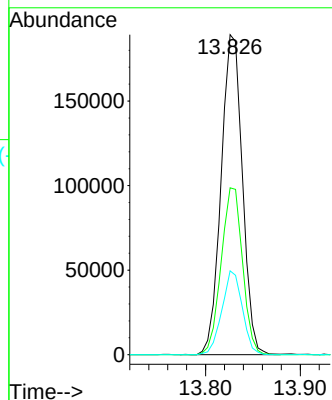
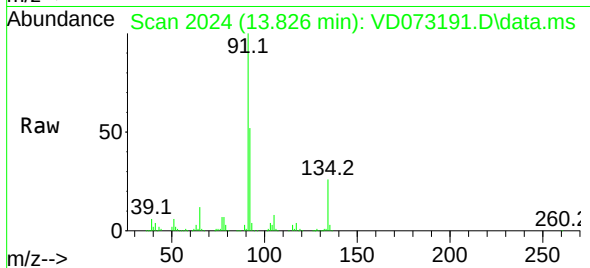




#89
n-Butylbenzene
Concen: 18.951 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

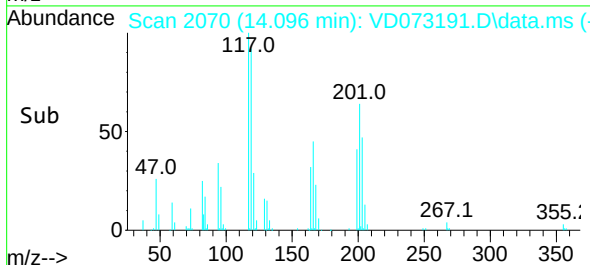
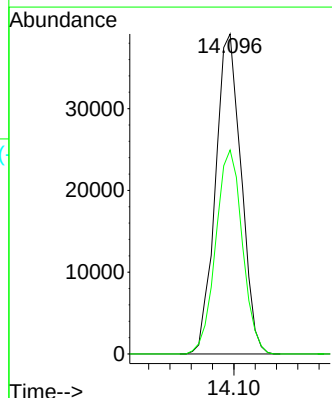
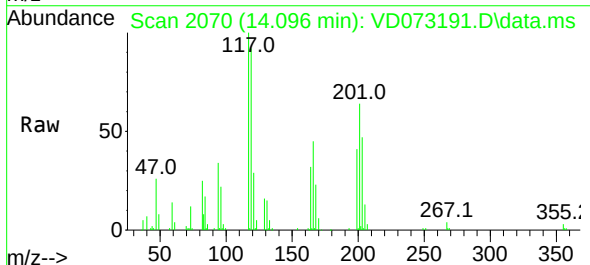
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBSD01

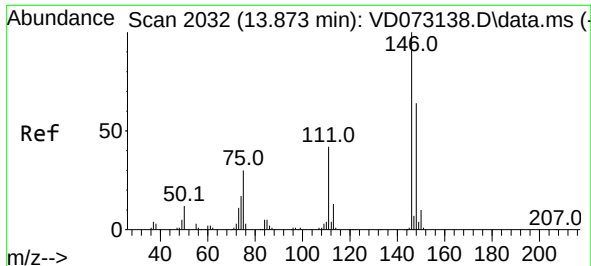
Tgt Ion: 91 Resp: 296230
Ion Ratio Lower Upper
91 100
92 52.3 26.6 79.8
134 25.1 12.3 36.9



#90
Hexachloroethane
Concen: 19.311 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion: 117 Resp: 65552
Ion Ratio Lower Upper
117 100
201 66.1 33.4 100.2

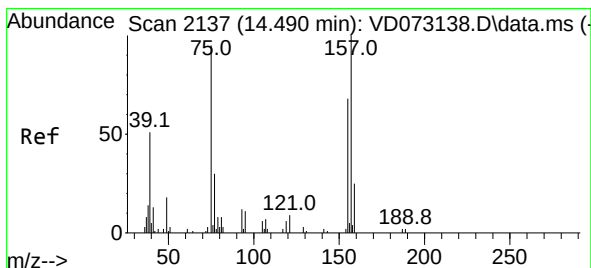
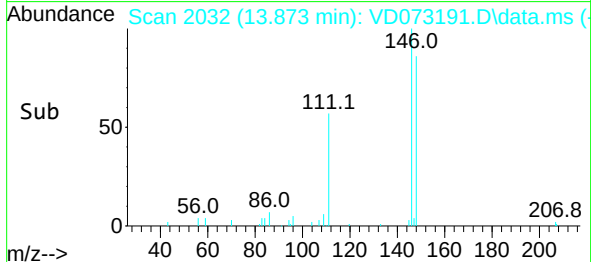
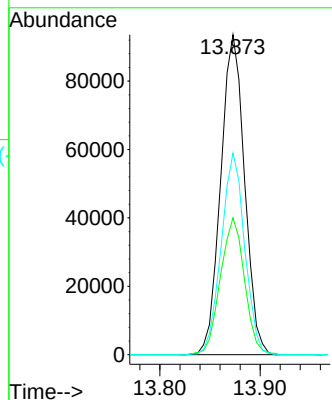
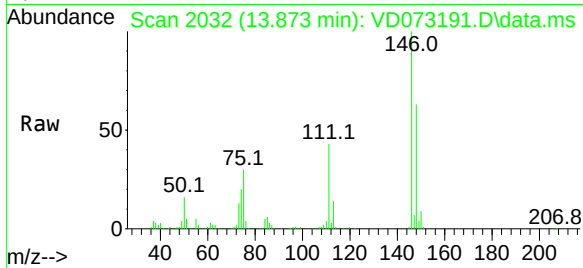




#91
1,2-Dichlorobenzene
Concen: 20.356 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

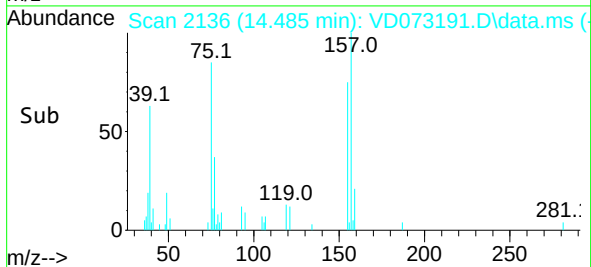
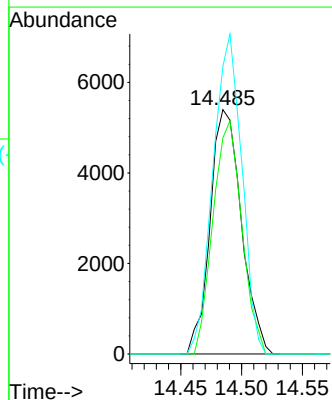
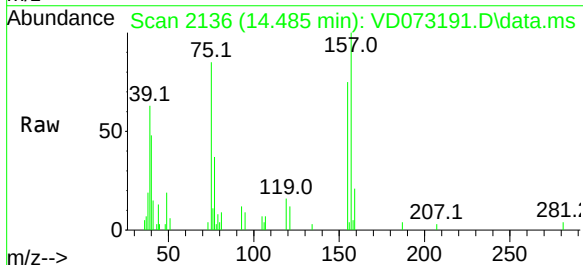
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBSD01

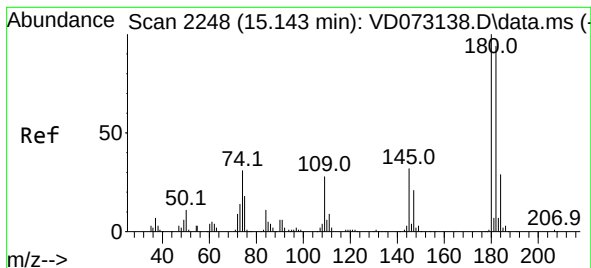
Tgt Ion:146 Resp: 154285
Ion Ratio Lower Upper
146 100
111 43.3 21.1 63.3
148 62.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.520 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.005 min
Lab File: VD073191.D
Acq: 20 May 2022 18:54

Tgt Ion: 75 Resp: 9657
Ion Ratio Lower Upper
75 100
155 87.6 36.8 110.3
157 120.4 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 19.468 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073191.D

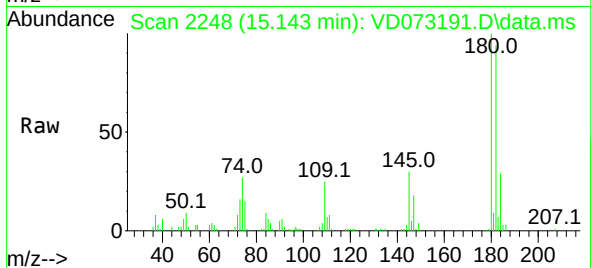
Acq: 20 May 2022 18:54

Instrument :

MSVOA_D

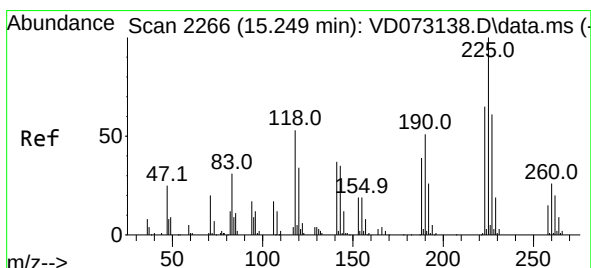
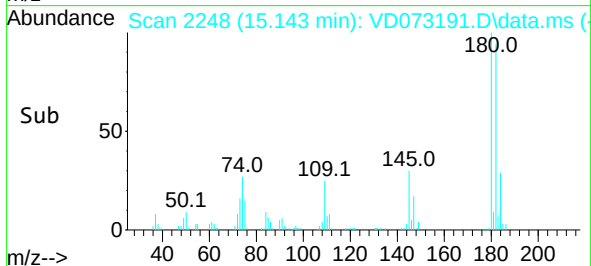
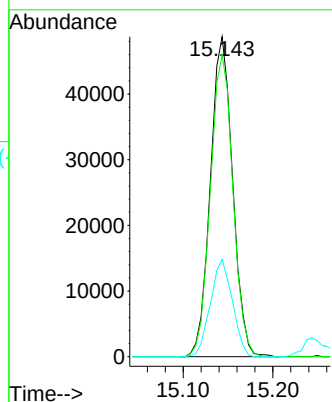
ClientSampleId :

VD0520SBS01



Tgt Ion:180 Resp: 83773

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.3	142.0
145	30.0	16.2	48.5



#94

Hexachlorobutadiene

Concen: 19.212 ug/l

RT: 15.249 min Scan# 2266

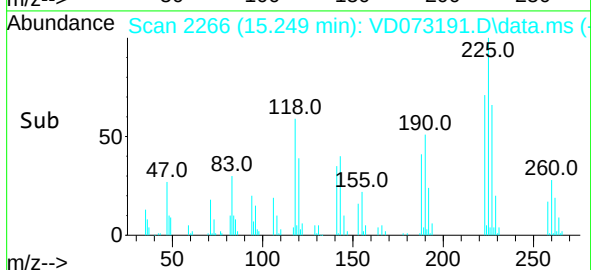
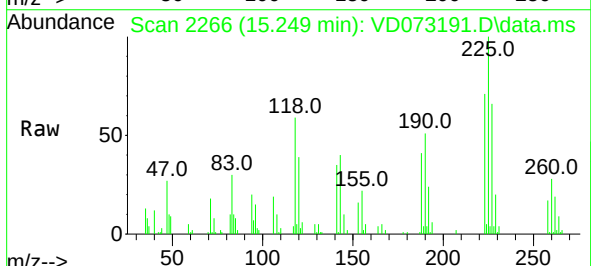
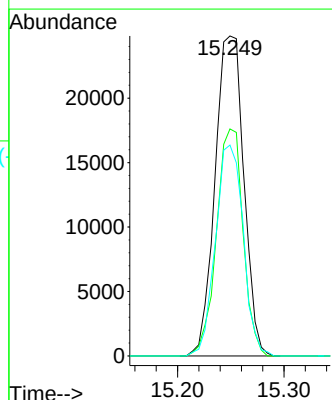
Delta R.T. 0.000 min

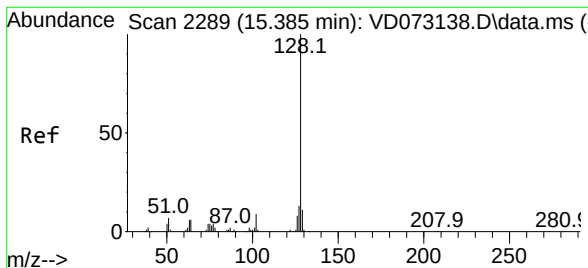
Lab File: VD073191.D

Acq: 20 May 2022 18:54

Tgt Ion:225 Resp: 46586

Ion	Ratio	Lower	Upper
225	100		
223	65.5	31.1	93.2
227	63.4	32.4	97.0





#95

Naphthalene

Concen: 19.415 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD073191.D

Acq: 20 May 2022 18:54

Instrument :

MSVOA_D

ClientSampleId :

VD0520SBSD01

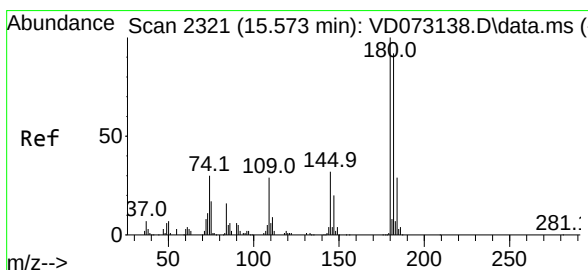
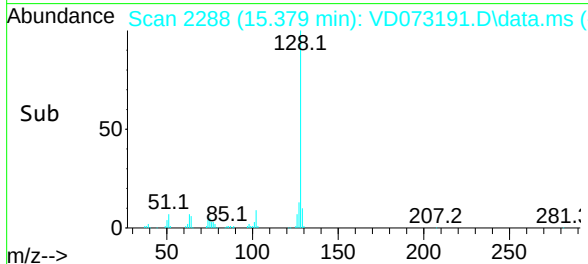
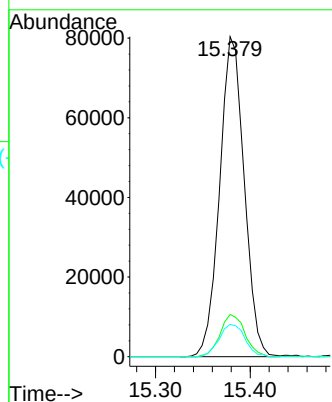
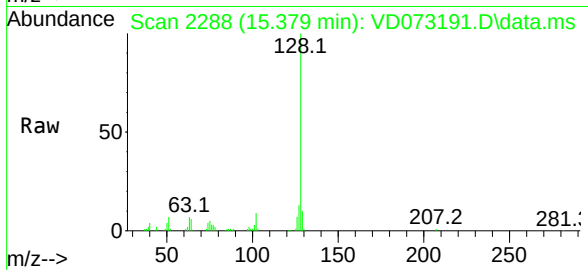
Tgt Ion:128 Resp: 144777

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.6 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.418 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073191.D

Acq: 20 May 2022 18:54

Tgt Ion:180 Resp: 74075

Ion Ratio Lower Upper

180 100

182 94.3 47.6 142.9

145 33.3 17.1 51.3

