

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073138.D
 Acq On : 19 May 2022 14:05
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: May 19 14:20:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 14:16:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	355348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	587250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	547396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	260920	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	186725	43.032	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.060%
35) Dibromofluoromethane	7.914	113	195134	47.884	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.760%
50) Toluene-d8	10.332	98	730984	49.379	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.620	95	251454	47.270	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	155900	35.814	ug/l	97
3) Chloromethane	2.209	50	175672	39.079	ug/l	100
4) Vinyl Chloride	2.350	62	170816	41.208	ug/l	99
5) Bromomethane	2.768	94	119422	40.585	ug/l	93
6) Chloroethane	2.921	64	106076	41.044	ug/l	99
7) Trichlorofluoromethane	3.273	101	303808	40.096	ug/l	98
8) Diethyl Ether	3.709	74	87800	42.550	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	179044	39.916	ug/l	96
10) Methyl Iodide	4.297	142	207861	45.733	ug/l	98
11) Tert butyl alcohol	5.209	59	79228	117.919	ug/l #	94
12) 1,1-Dichloroethene	4.062	96	172244	42.270	ug/l	88
13) Acrolein	3.920	56	58020	166.745	ug/l	99
14) Allyl chloride	4.715	41	279121	43.300	ug/l	91
15) Acrylonitrile	5.414	53	198713	203.744	ug/l	97
16) Acetone	4.156	43	147158	189.591	ug/l #	88
17) Carbon Disulfide	4.409	76	554813	40.899	ug/l	100
18) Methyl Acetate	4.715	43	87897	35.522	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	401175	42.682	ug/l	98
20) Methylene Chloride	4.962	84	209445	36.629	ug/l	87
21) trans-1,2-Dichloroethene	5.467	96	208813	43.230	ug/l	93
22) Diisopropyl ether	6.362	45	607136	44.198	ug/l	93
23) Vinyl Acetate	6.297	43	1615036	219.395	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	366482	42.648	ug/l	97
25) 2-Butanone	7.208	43	233864	198.178	ug/l	93
26) 2,2-Dichloropropane	7.203	77	312005	42.738	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	232409	43.639	ug/l	91
28) Bromochloromethane	7.544	49	130847	44.329	ug/l #	83
29) Tetrahydrofuran	7.561	42	156413	207.268	ug/l	92
30) Chloroform	7.708	83	384139	41.885	ug/l	99
31) Cyclohexane	7.979	56	320349	40.651	ug/l	90
32) 1,1,1-Trichloroethane	7.903	97	335651	42.600	ug/l	96
36) 1,1-Dichloropropene	8.108	75	286200	43.211	ug/l	95
37) Ethyl Acetate	7.291	43	110434	40.562	ug/l	95
38) Carbon Tetrachloride	8.091	117	295549	43.625	ug/l	98
39) Methylcyclohexane	9.350	83	332230	43.211	ug/l	97
40) Benzene	8.344	78	819847	43.501	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	57474	38.101	ug/l #	82
42) 1,2-Dichloroethane	8.420	62	228688	41.981	ug/l	97
43) Isopropyl Acetate	8.444	43	212273	41.722	ug/l #	93
44) Trichloroethene	9.108	130	220642	43.049	ug/l	99
45) 1,2-Dichloropropane	9.379	63	208265	42.620	ug/l	96
46) Dibromomethane	9.467	93	113089	41.964	ug/l	96
47) Bromodichloromethane	9.655	83	289874	42.323	ug/l	100
48) Methyl methacrylate	9.450	41	107058	42.739	ug/l	90
49) 1,4-Dioxane	9.450	88	23423	845.725	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	556237	210.534	ug/l	95
52) Toluene	10.397	92	540989	45.076	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	262790	42.254	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	319358	43.332	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	153435	41.815	ug/l	98
56) Ethyl methacrylate	10.650	69	186557	45.100	ug/l	86
57) 1,3-Dichloropropane	10.938	76	264129	42.282	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	386997	209.894	ug/l	95
59) 2-Hexanone	10.973	43	372522	213.549	ug/l	93
60) Dibromochloromethane	11.132	129	191469	41.965	ug/l	99
61) 1,2-Dibromoethane	11.238	107	145896	41.298	ug/l	98
64) Tetrachloroethene	10.867	164	175299	44.238	ug/l	94
65) Chlorobenzene	11.661	112	552105	45.069	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	207329	44.291	ug/l	99
67) Ethyl Benzene	11.738	91	1014479	47.475	ug/l	99
68) m/p-Xylenes	11.844	106	802100	96.524	ug/l	97
69) o-Xylene	12.173	106	364543	47.781	ug/l	97
70) Styrene	12.185	104	636611	47.931	ug/l	98
71) Bromoform	12.349	173	105530	43.388	ug/l #	99
73) Isopropylbenzene	12.467	105	974867	49.474	ug/l	100
74) N-amyl acetate	12.279	43	207544	46.067	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	168240	44.137	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	215204	74.468	ug/l #	100
77) Bromobenzene	12.749	156	217754	46.764	ug/l	93
78) n-propylbenzene	12.808	91	1220407	49.392	ug/l	99
79) 2-Chlorotoluene	12.896	91	687183	47.915	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	821653	49.071	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	54563	45.407	ug/l	89
82) 4-Chlorotoluene	12.991	91	724018	47.653	ug/l	99
83) tert-Butylbenzene	13.208	119	689437	48.594	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	802910	48.392	ug/l	97
85) sec-Butylbenzene	13.391	105	1046374	48.551	ug/l	99
86) p-Isopropyltoluene	13.502	119	863026	49.301	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	439621	45.938	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	433491	45.769	ug/l	99
89) n-Butylbenzene	13.826	91	828449	48.708	ug/l	99
90) Hexachloroethane	14.096	117	169259	46.491	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	381321	45.927	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	25383	42.963	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	224126	47.345	ug/l	99
94) Hexachlorobutadiene	15.249	225	117205	44.363	ug/l	98
95) Naphthalene	15.385	128	399697	47.054	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	197484	47.049	ug/l	99

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QLast Update : Thu May 19 14:16:43 2022
Response via : Initial Calibration

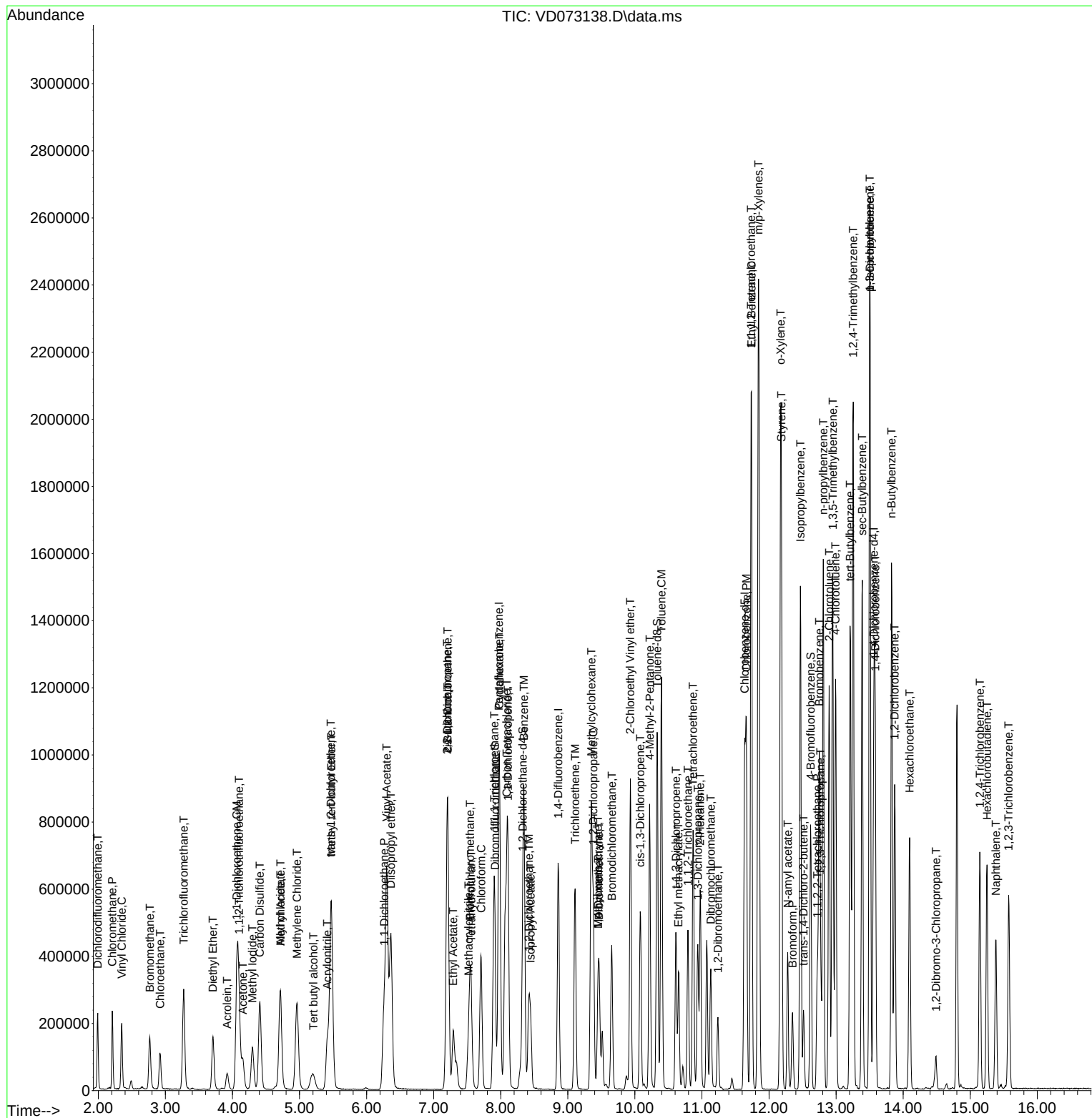
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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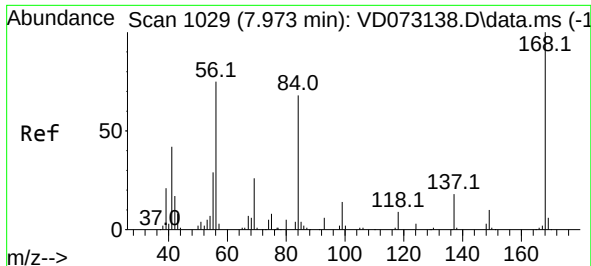
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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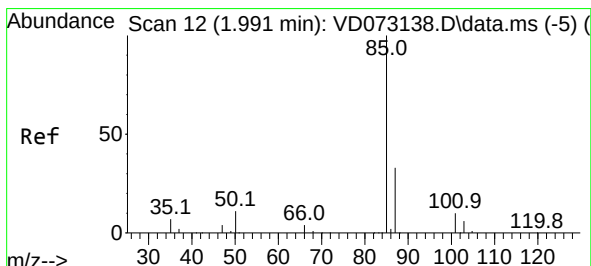
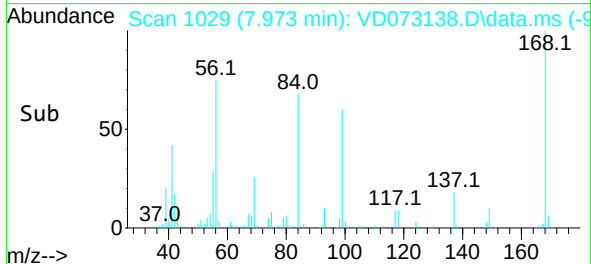
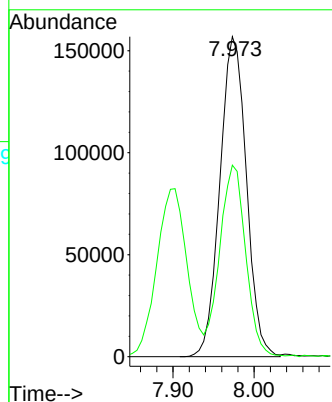
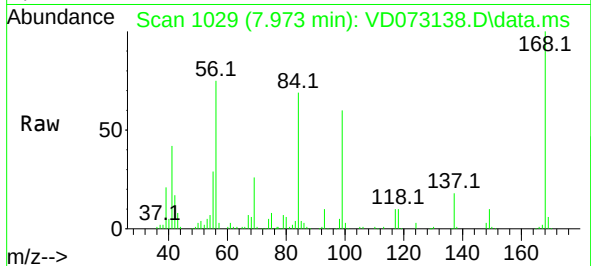




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073138.D
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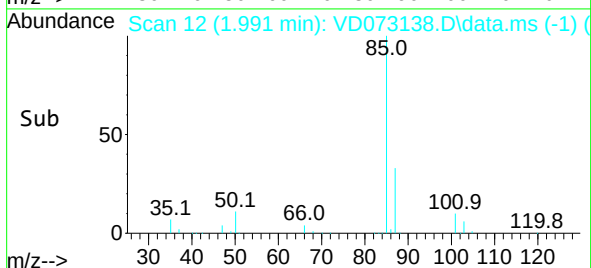
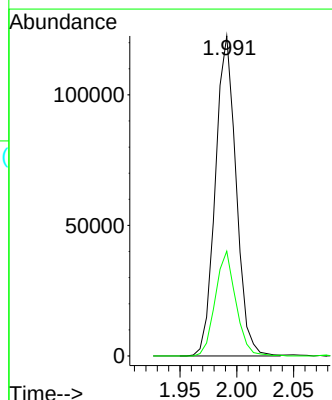
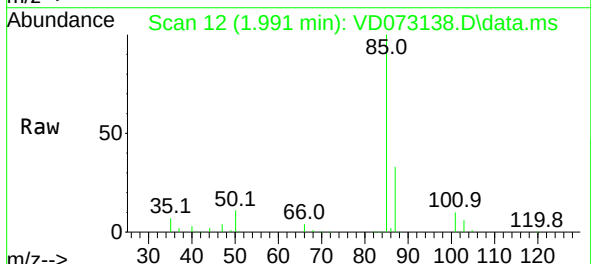
Instrument :
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VSTDICCC050

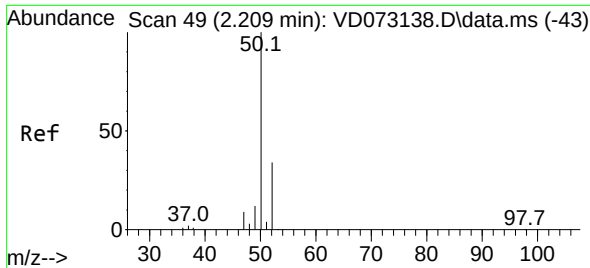
Tgt Ion:168 Resp: 355348
Ion Ratio Lower Upper
168 100
99 59.4 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 35.814 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 85 Resp: 155900
Ion Ratio Lower Upper
85 100
87 32.7 15.7 47.0

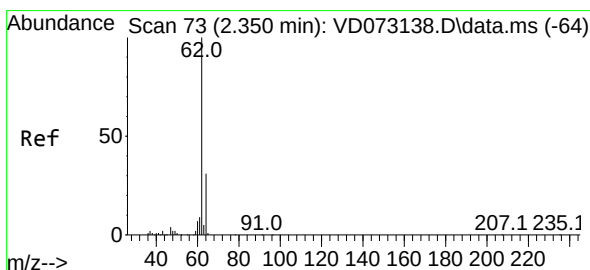
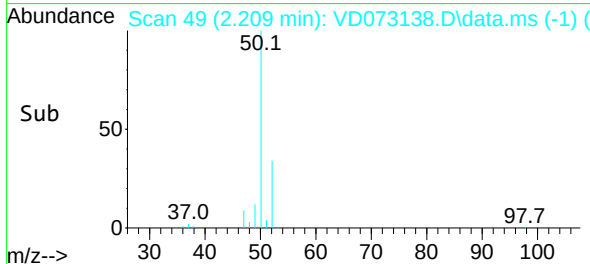
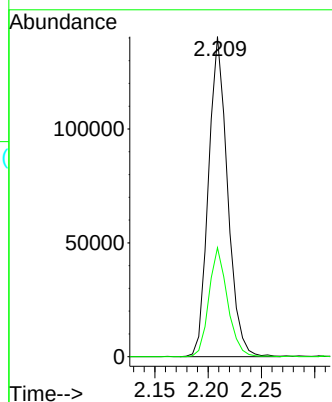
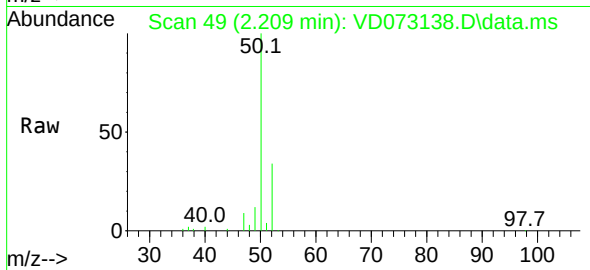




#3
Chloromethane
Concen: 39.079 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

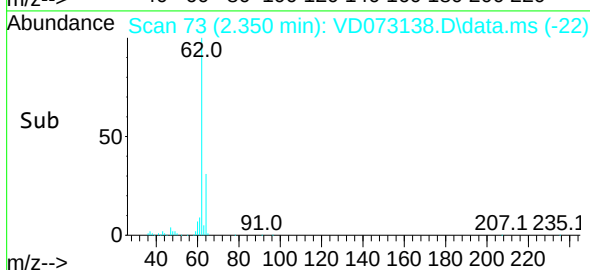
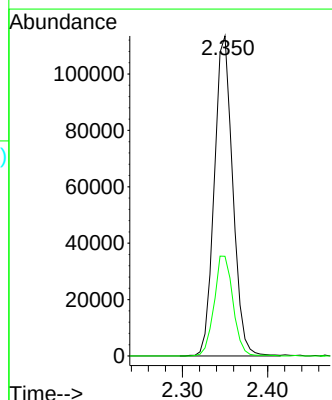
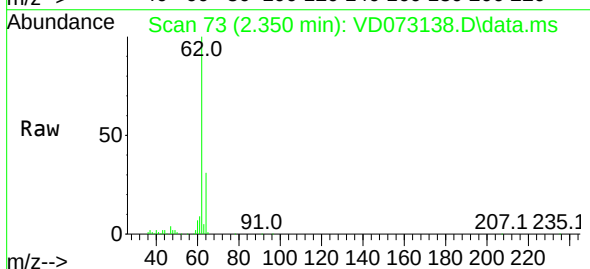
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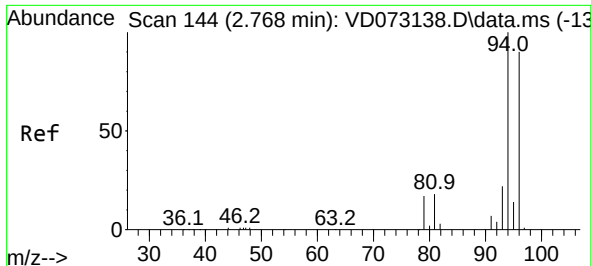
Tgt Ion: 50 Resp: 175672
Ion Ratio Lower Upper
50 100
52 34.1 27.4 41.0



#4
Vinyl Chloride
Concen: 41.208 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 62 Resp: 170816
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0

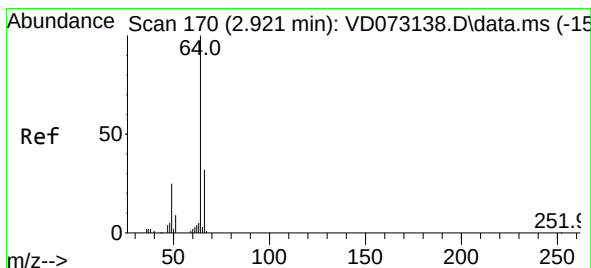
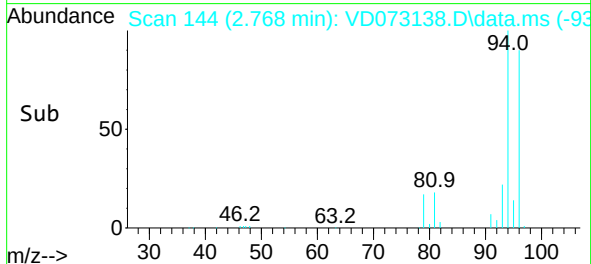
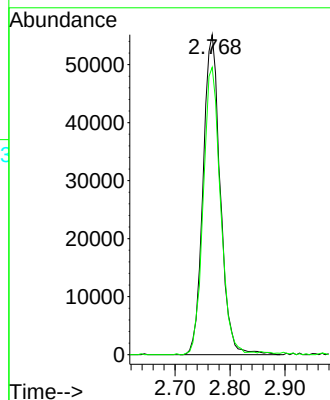
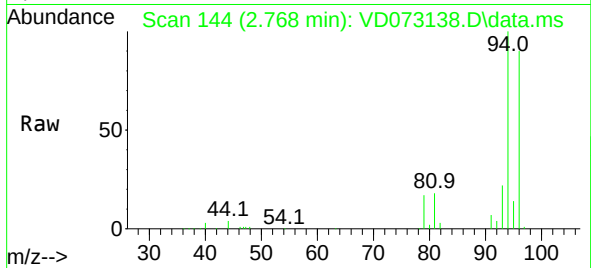




#5
Bromomethane
Concen: 40.585 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD073138.D
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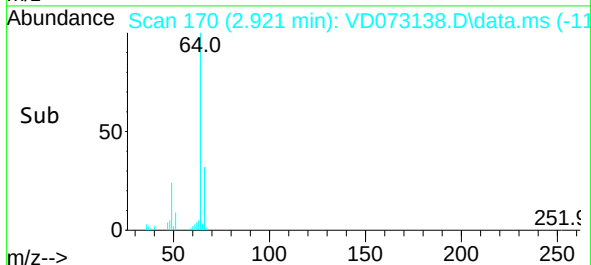
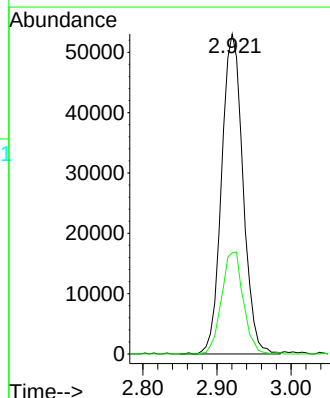
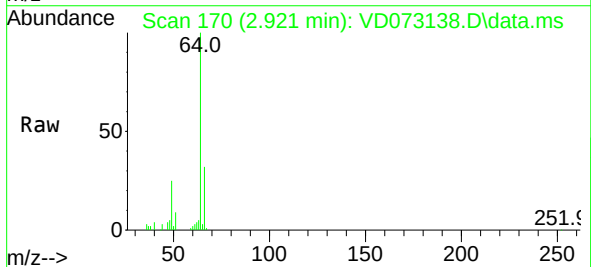
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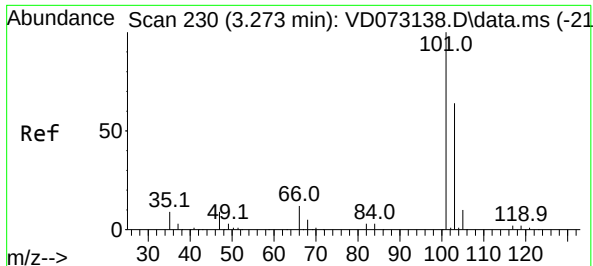
Tgt Ion: 94 Resp: 119422
Ion Ratio Lower Upper
94 100
96 89.8 77.6 116.4



#6
Chloroethane
Concen: 41.044 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 64 Resp: 106076
Ion Ratio Lower Upper
64 100
66 31.6 25.9 38.9

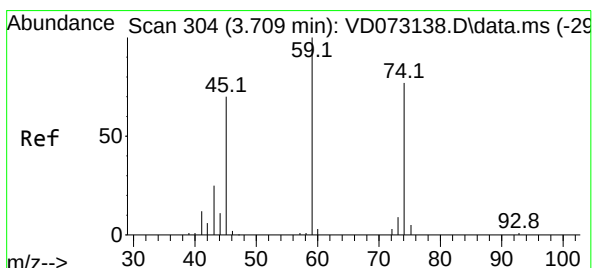
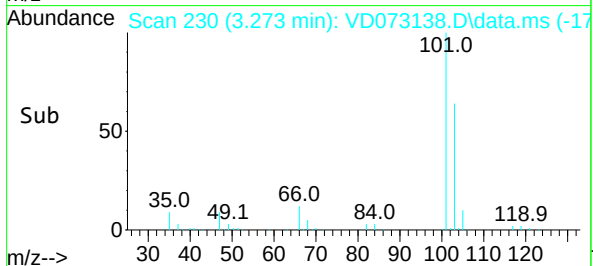
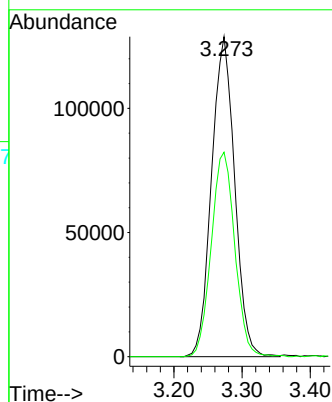
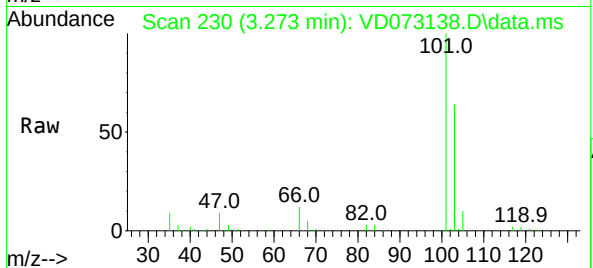




#7
 Trichlorofluoromethane
 Concen: 40.096 ug/l
 RT: 3.273 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073138.D
 Acq: 19 May 2022 14:05

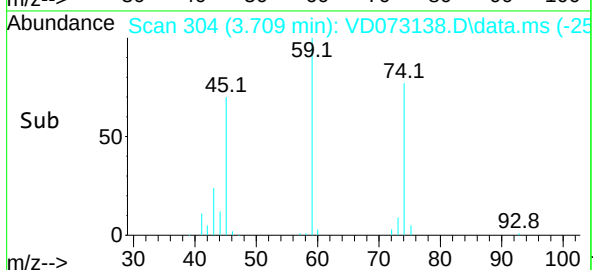
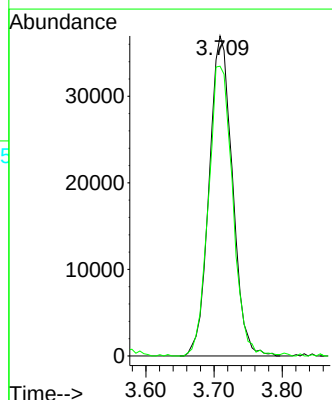
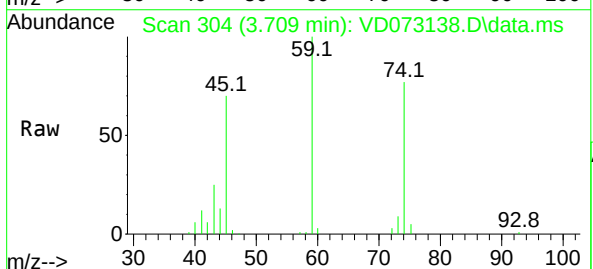
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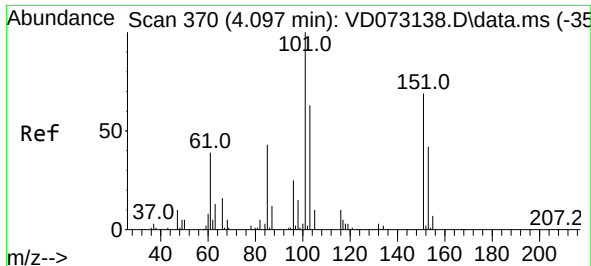
Tgt Ion:101 Resp: 303808
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.1 75.1



#8
 Diethyl Ether
 Concen: 42.550 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 87800
 Ion Ratio Lower Upper
 74 100
 45 94.5 52.6 157.8

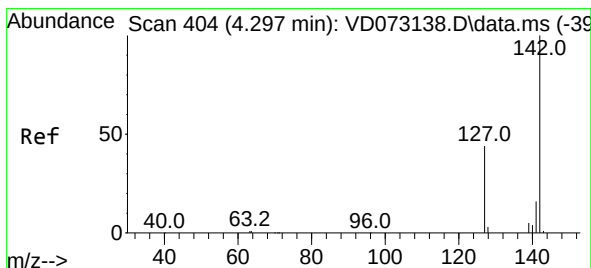
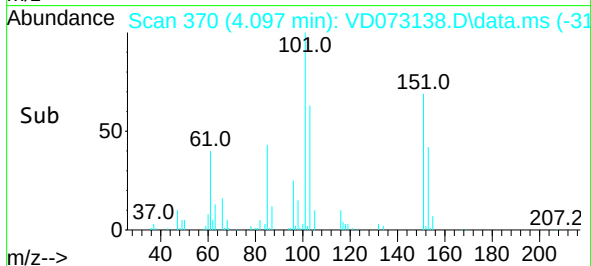
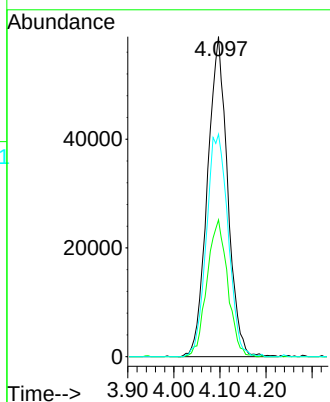
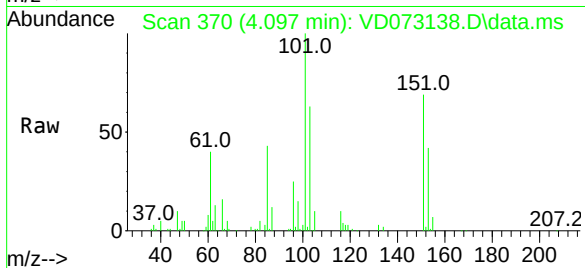




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 39.916 ug/l
 RT: 4.097 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VD073138.D
 Acq: 19 May 2022 14:05

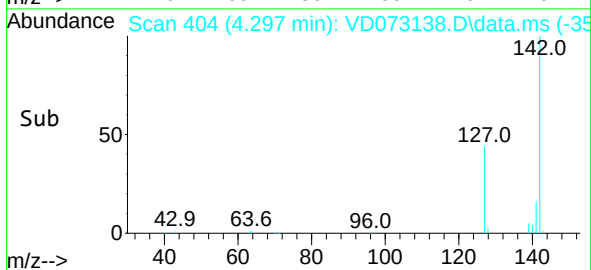
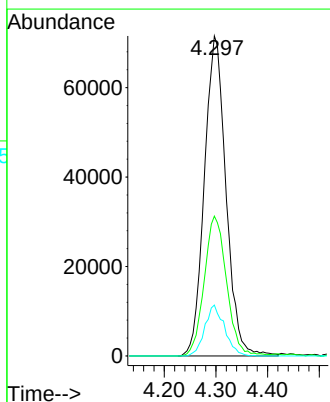
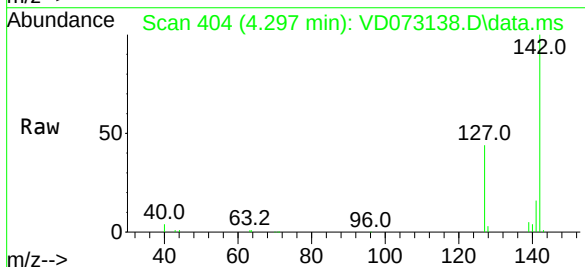
Instrument :
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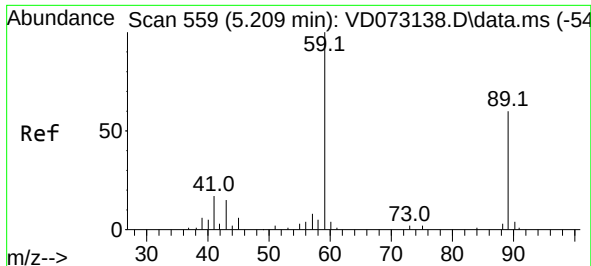
Tgt Ion:101 Resp: 179044
 Ion Ratio Lower Upper
 101 100
 85 43.9 36.4 54.6
 151 75.1 57.3 85.9



#10
 Methyl Iodide
 Concen: 45.733 ug/l
 RT: 4.297 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD073138.D
 Acq: 19 May 2022 14:05

Tgt Ion:142 Resp: 207861
 Ion Ratio Lower Upper
 142 100
 127 45.2 37.3 55.9
 141 14.6 11.7 17.5

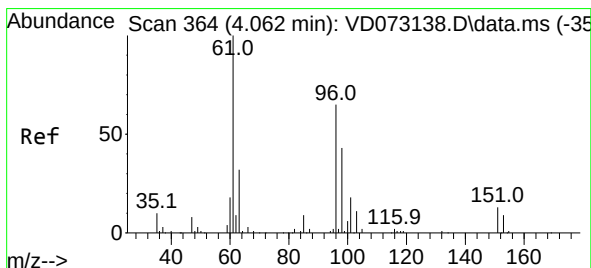
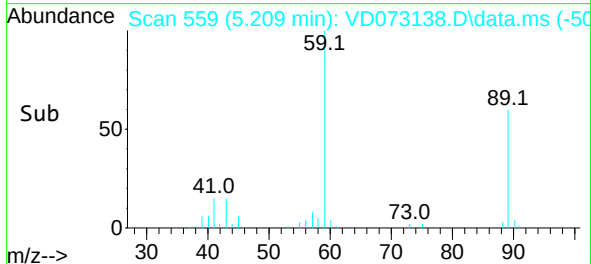
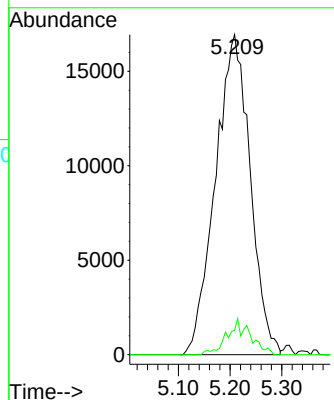
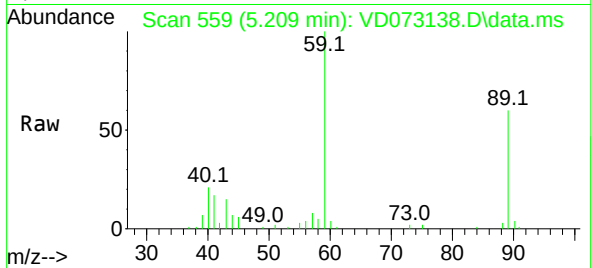




#11
Tert butyl alcohol
Concen: 117.919 ug/l
RT: 5.209 min Scan# 511
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

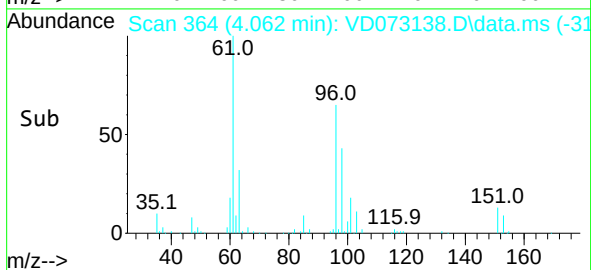
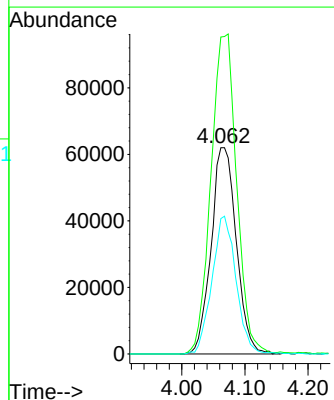
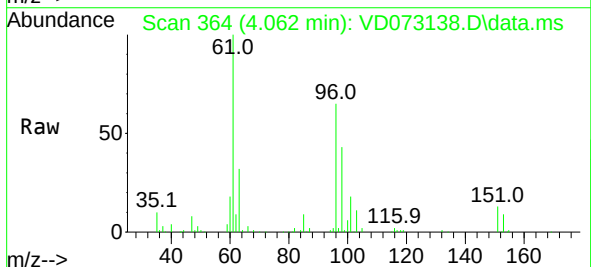
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

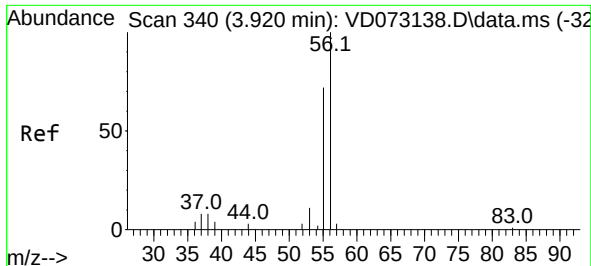
Tgt Ion: 59 Resp: 79228
Ion Ratio Lower Upper
59 100
57 7.5 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 42.270 ug/l
RT: 4.062 min Scan# 364
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 96 Resp: 172244
Ion Ratio Lower Upper
96 100
61 153.7 138.5 207.7
98 65.6 48.6 73.0

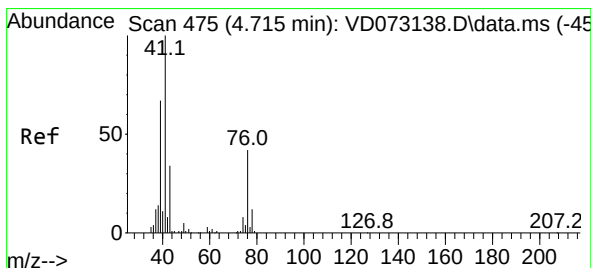
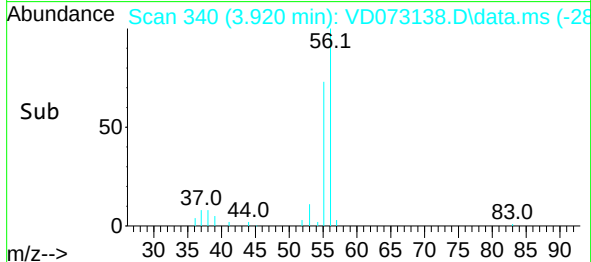
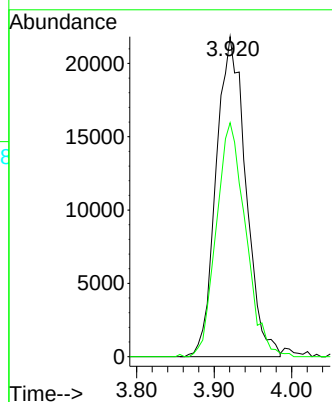
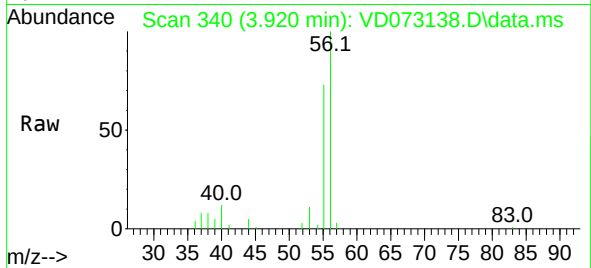




#13
Acrolein
Concen: 166.745 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

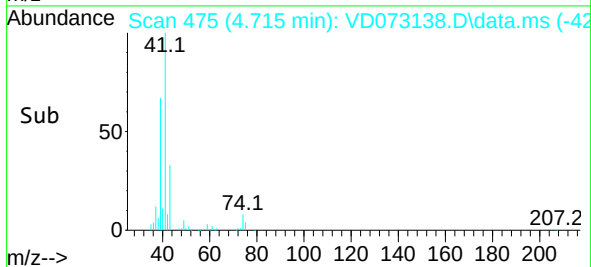
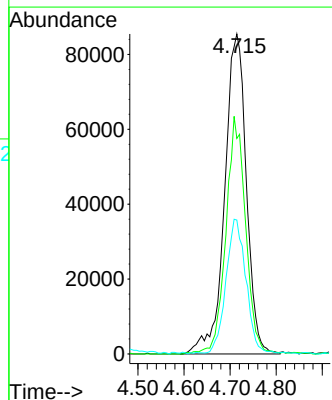
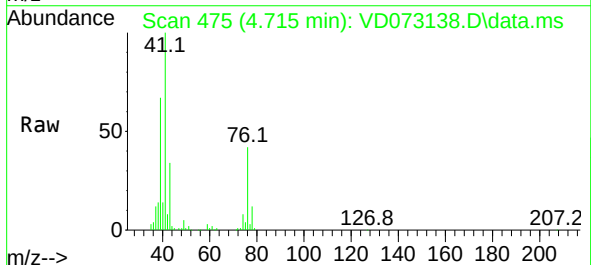
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

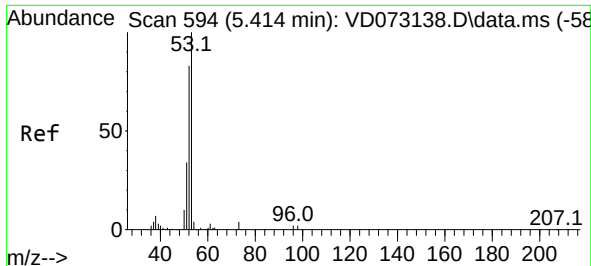
Tgt Ion: 56 Resp: 58020
Ion Ratio Lower Upper
56 100
55 72.3 57.1 85.7



#14
Allyl chloride
Concen: 43.300 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 41 Resp: 279121
Ion Ratio Lower Upper
41 100
39 67.5 59.3 88.9
76 38.1 25.7 38.5

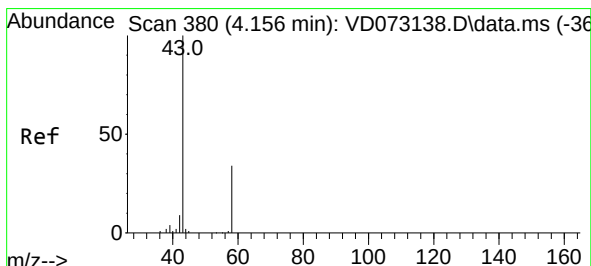
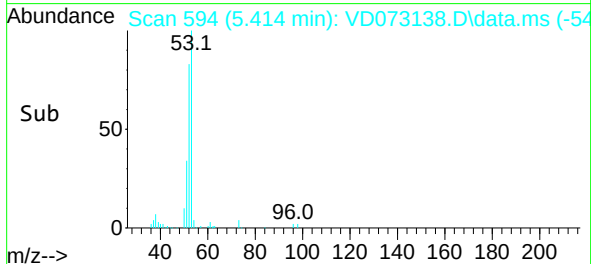
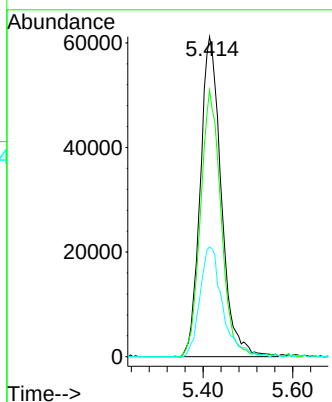
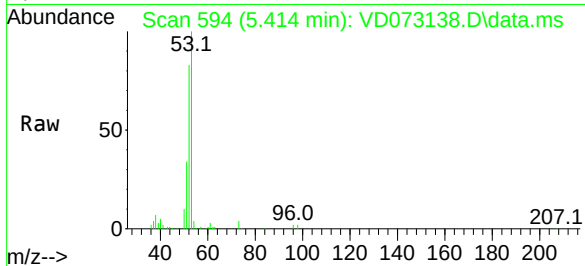




#15
Acrylonitrile
Concen: 203.744 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

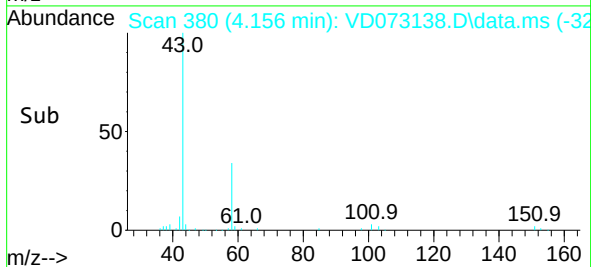
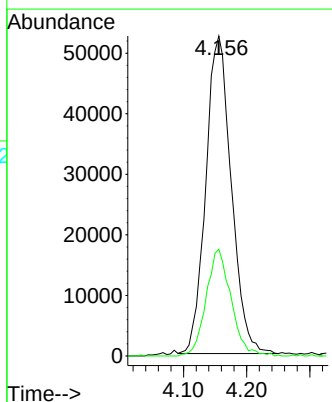
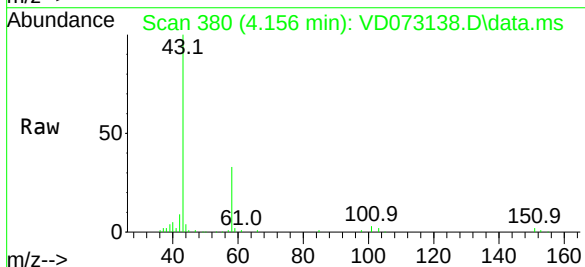
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

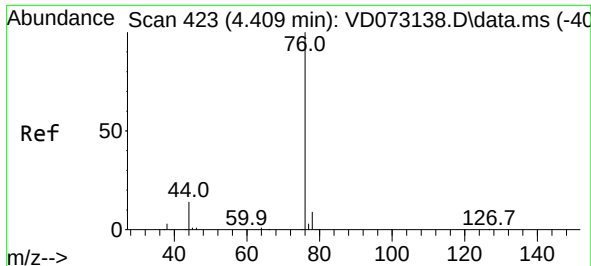
Tgt Ion: 53 Resp: 198713
Ion Ratio Lower Upper
53 100
52 81.1 67.2 100.8
51 36.6 30.3 45.5



#16
Acetone
Concen: 189.591 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 43 Resp: 147158
Ion Ratio Lower Upper
43 100
58 33.6 22.1 33.1#

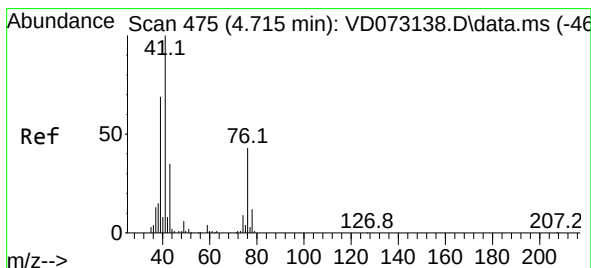
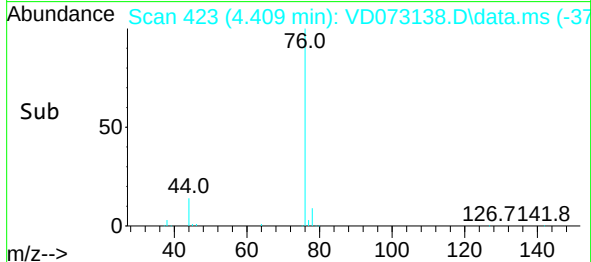
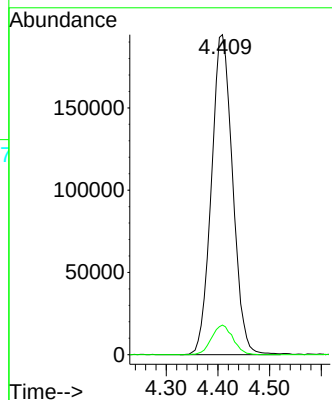
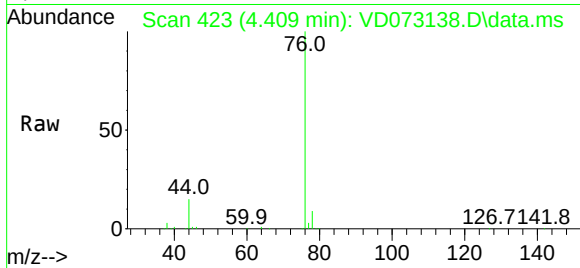




#17
Carbon Disulfide
Concen: 40.899 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

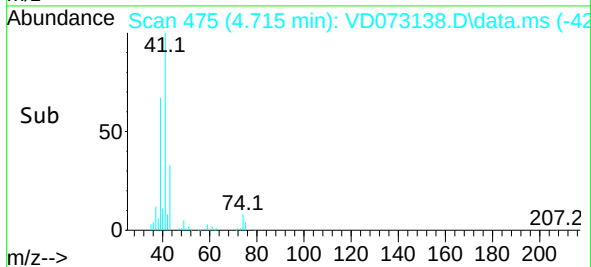
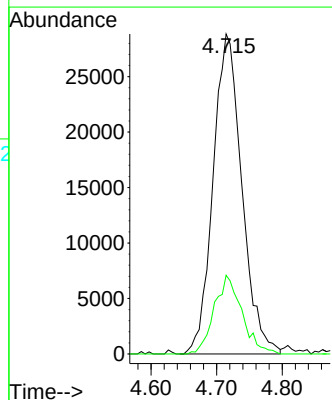
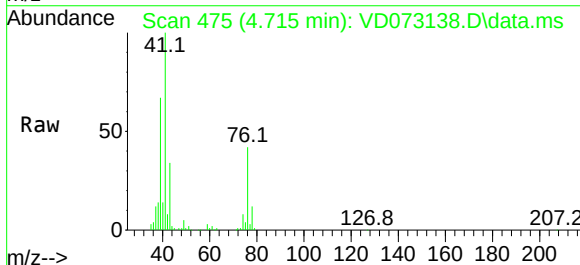
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

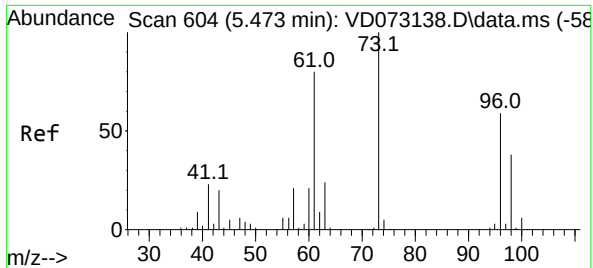
Tgt Ion: 76 Resp: 554813
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 35.522 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 43 Resp: 87897
Ion Ratio Lower Upper
43 100
74 23.7 16.7 25.1

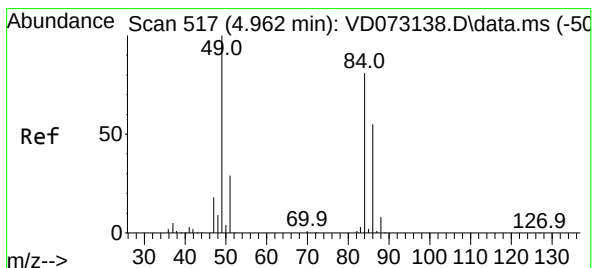
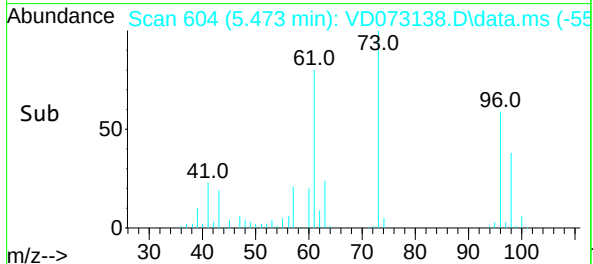
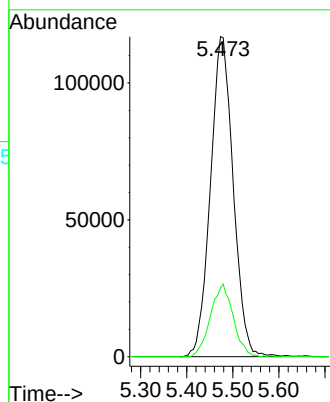
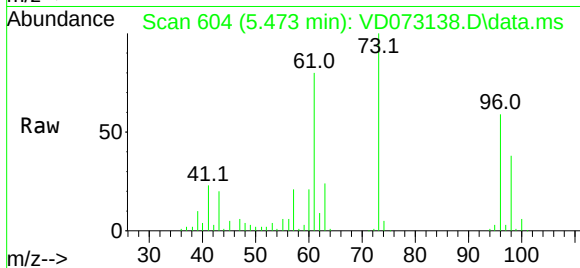




#19
Methyl tert-butyl Ether
Concen: 42.682 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

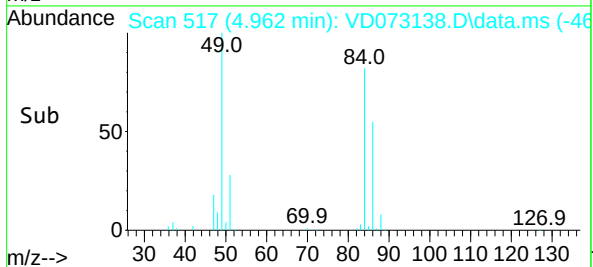
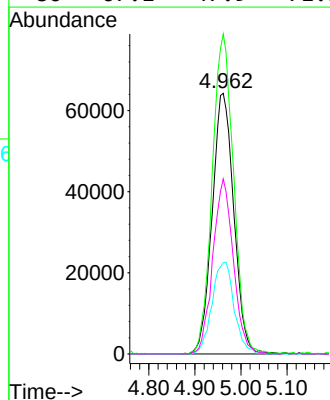
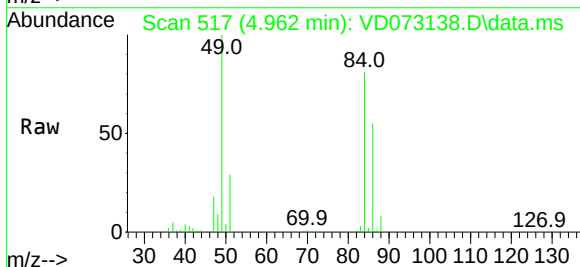
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

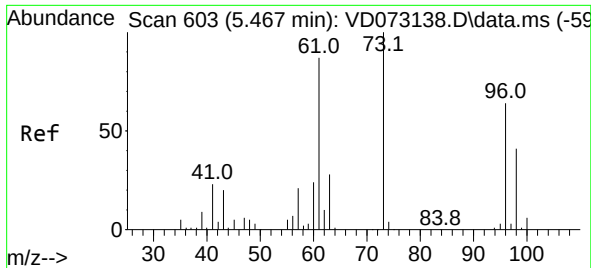
Tgt Ion: 73 Resp: 401175
Ion Ratio Lower Upper
73 100
57 21.5 18.0 27.0



#20
Methylene Chloride
Concen: 36.629 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 84 Resp: 209445
Ion Ratio Lower Upper
84 100
49 122.7 112.8 169.2
51 35.1 32.6 48.8
86 67.1 47.9 71.9

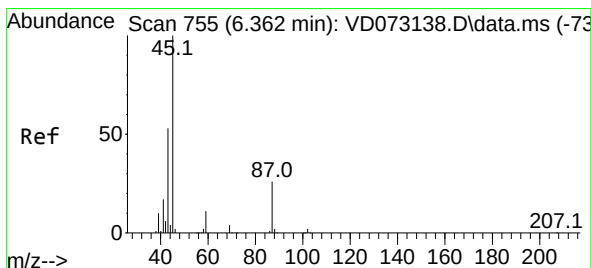
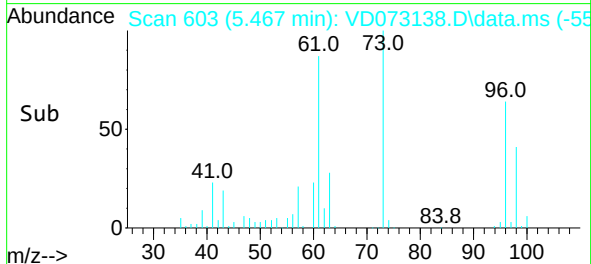
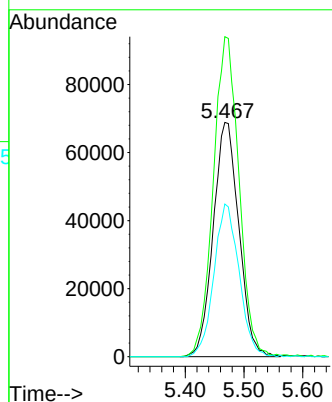
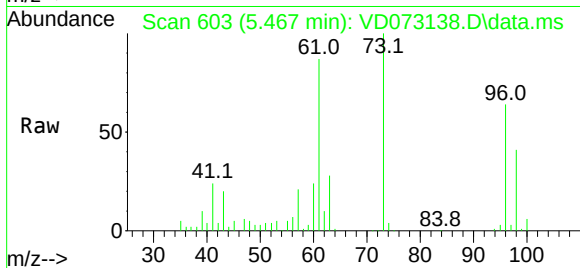




#21
trans-1,2-Dichloroethene
Concen: 43.230 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

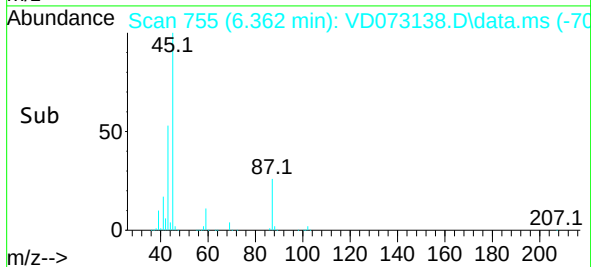
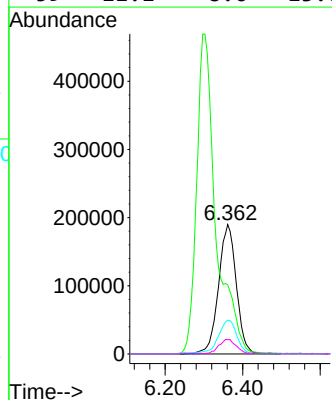
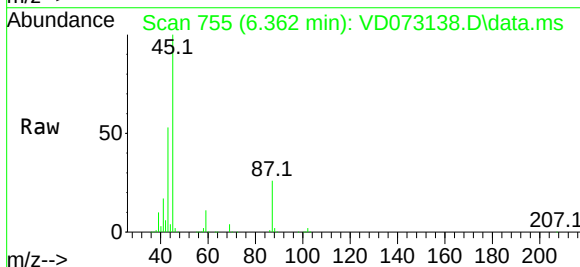
Instrument :
MSVOA_D
ClientSampleId :
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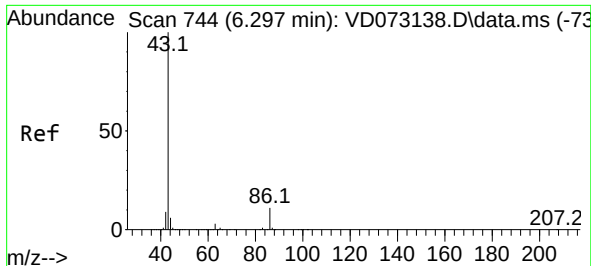
Tgt Ion: 96 Resp: 208813
Ion Ratio Lower Upper
96 100
61 136.6 117.9 176.9
98 65.1 49.4 74.2



#22
Diisopropyl ether
Concen: 44.198 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 45 Resp: 607136
Ion Ratio Lower Upper
45 100
43 52.6 46.6 70.0
87 26.1 18.4 27.6
59 11.1 8.6 13.0

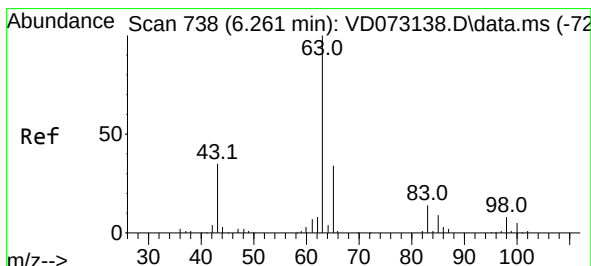
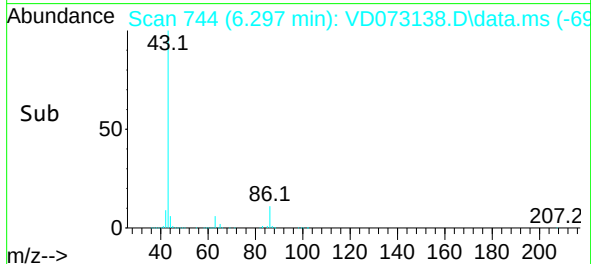
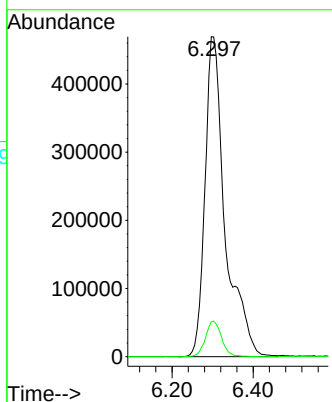
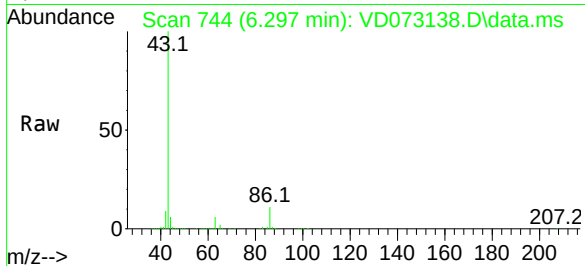




#23
 Vinyl Acetate
 Concen: 219.395 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: VD073138.D
 Acq: 19 May 2022 14:05

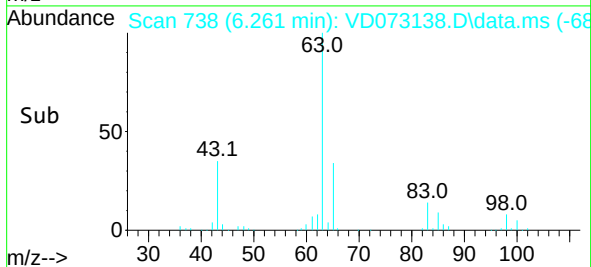
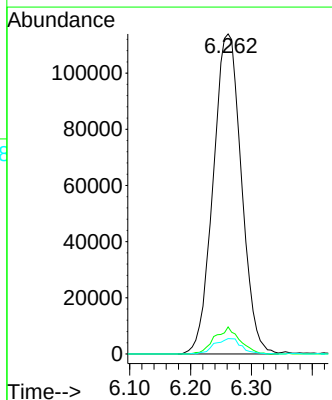
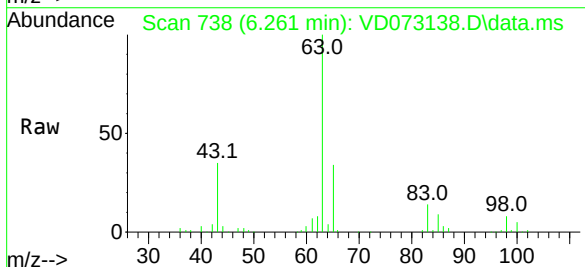
Instrument :
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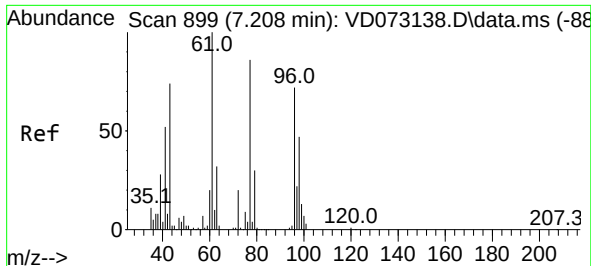
Tgt Ion: 43 Resp: 1615036
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 42.648 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073138.D
 Acq: 19 May 2022 14:05

Tgt Ion: 63 Resp: 366482
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.6 10.9
 100 4.8 2.1 6.5

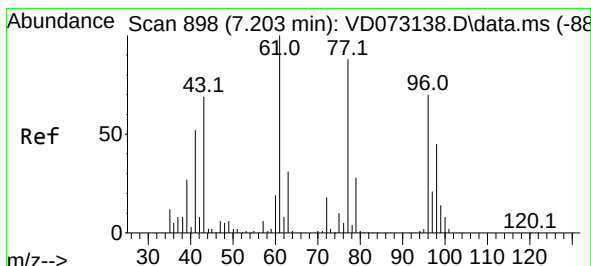
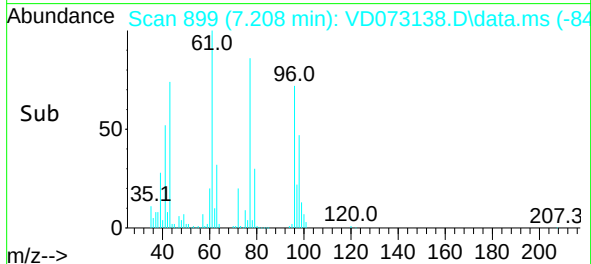
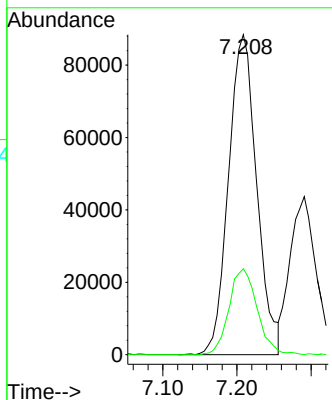
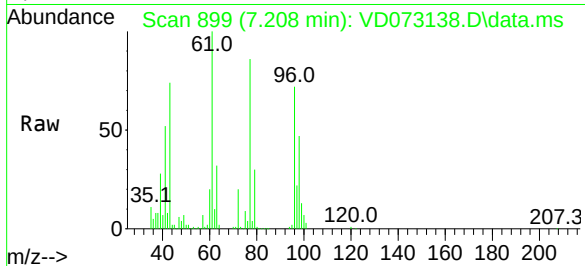




#25
2-Butanone
Concen: 198.178 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

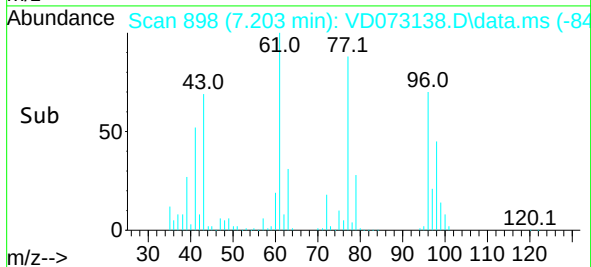
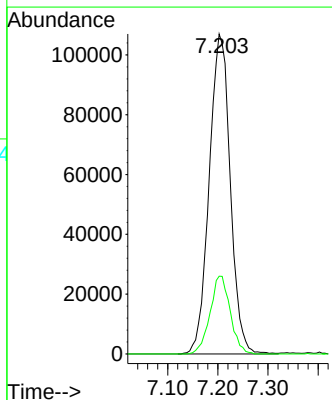
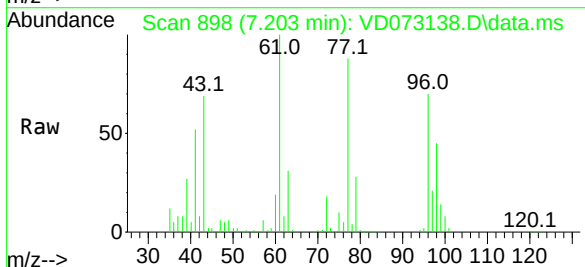
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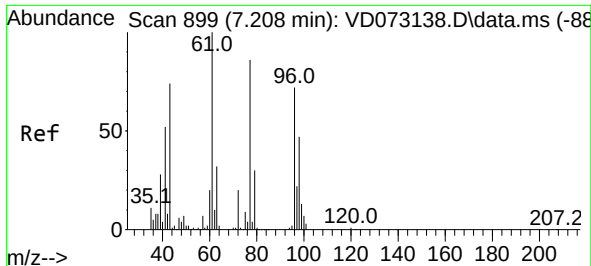
Tgt Ion: 43 Resp: 233864
Ion Ratio Lower Upper
43 100
72 26.8 18.6 27.8



#26
2,2-Dichloropropane
Concen: 42.738 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 77 Resp: 312005
Ion Ratio Lower Upper
77 100
97 23.3 10.8 32.4

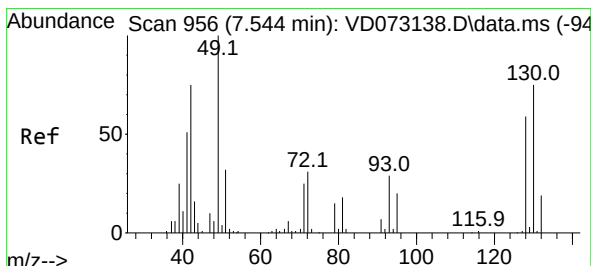
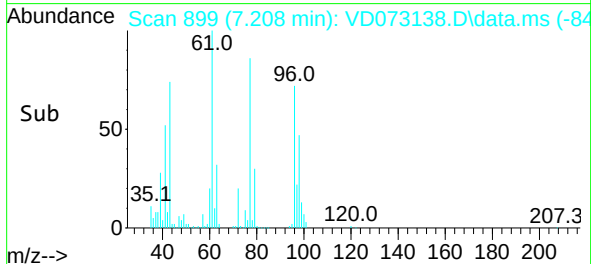
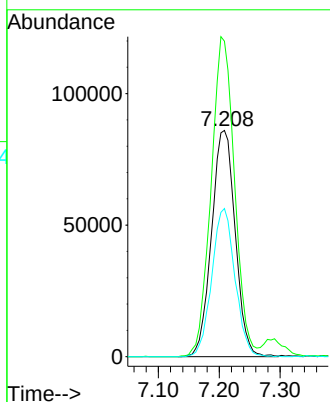
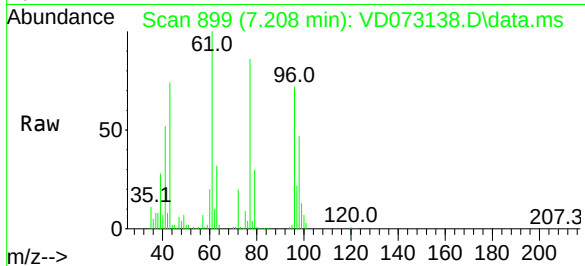




#27
 cis-1,2-Dichloroethene
 Concen: 43.639 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD073138.D
 Acq: 19 May 2022 14:05

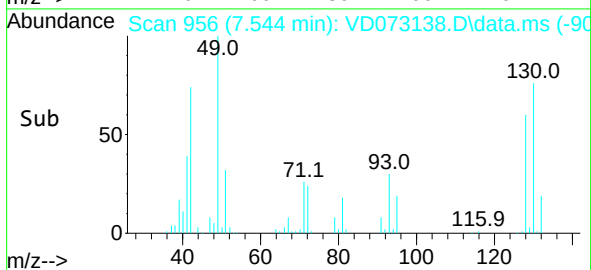
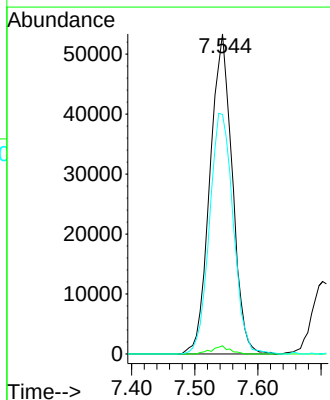
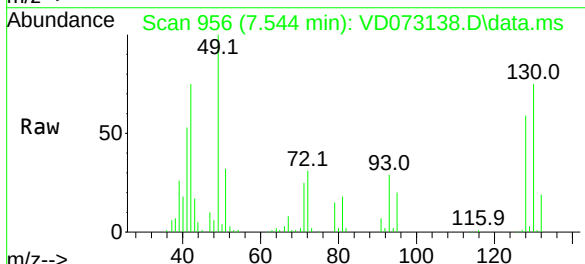
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

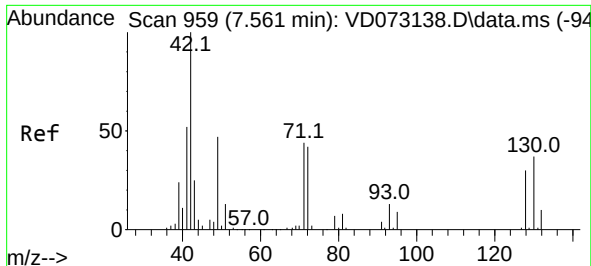
Tgt Ion: 96 Resp: 232409
 Ion Ratio Lower Upper
 96 100
 61 140.1 0.0 313.8
 98 64.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 44.329 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. 0.000 min
 Lab File: VD073138.D
 Acq: 19 May 2022 14:05

Tgt Ion: 49 Resp: 130847
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 79.9 52.6 79.0#





#29

Tetrahydrofuran

Concen: 207.268 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

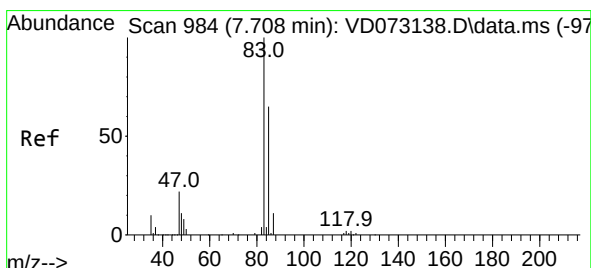
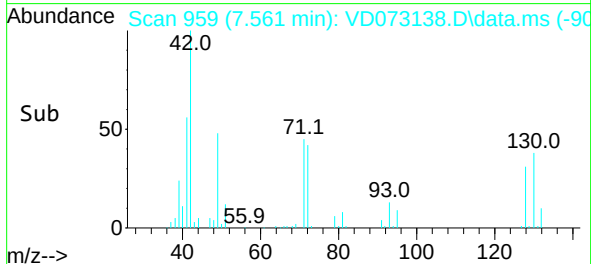
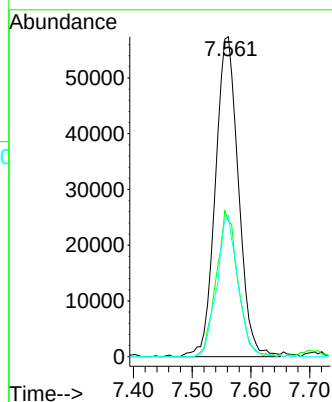
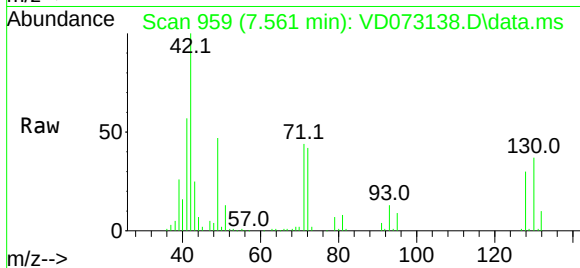
Tgt Ion: 42 Resp: 156413

Ion Ratio Lower Upper

42 100

72 42.6 30.7 46.1

71 40.9 28.6 43.0



#30

Chloroform

Concen: 41.885 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD073138.D

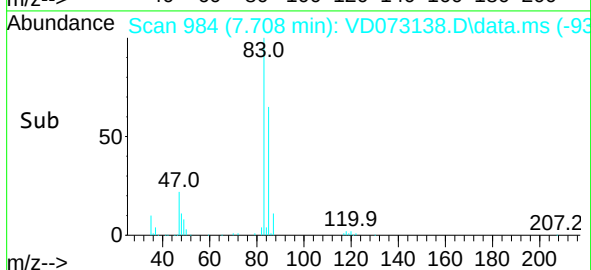
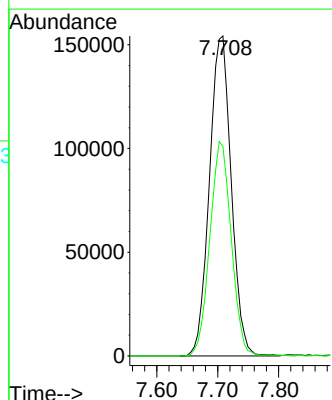
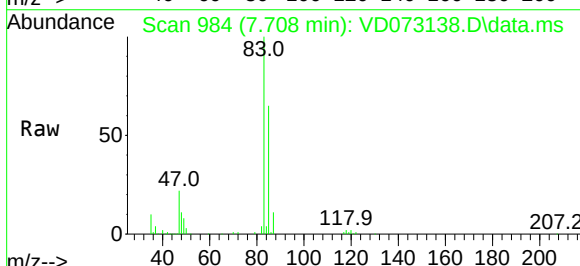
Acq: 19 May 2022 14:05

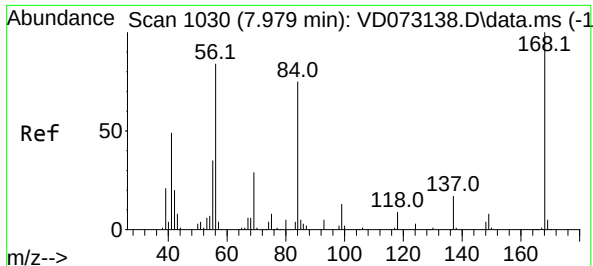
Tgt Ion: 83 Resp: 384139

Ion Ratio Lower Upper

83 100

85 65.5 52.7 79.1

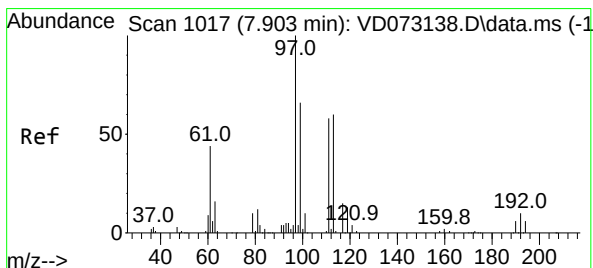
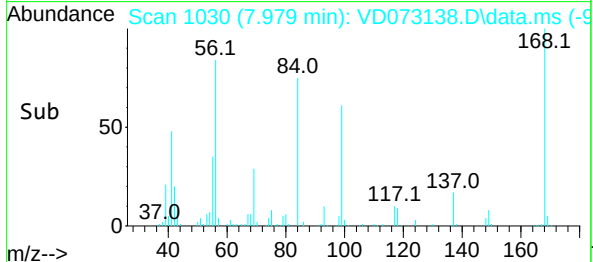
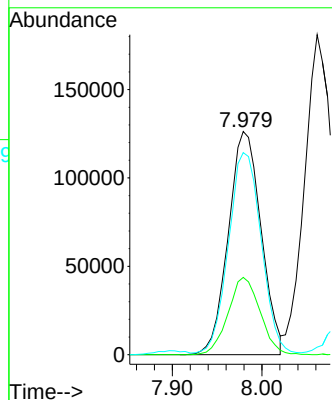
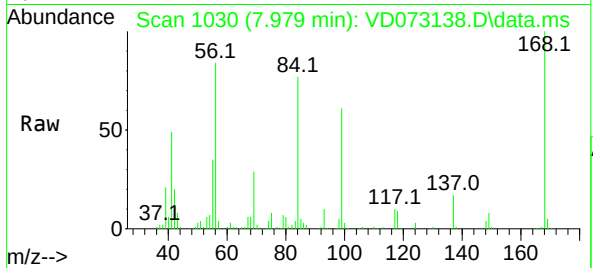




#31
Cyclohexane
Concen: 40.651 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

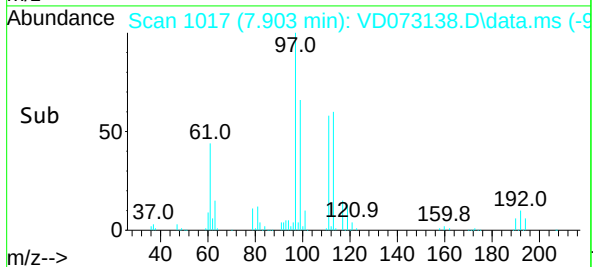
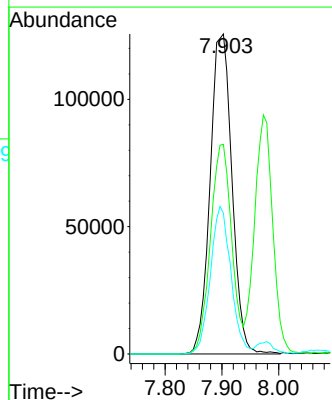
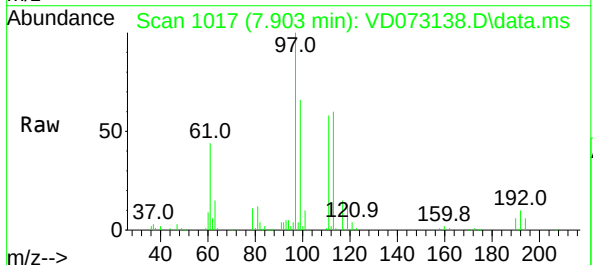
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

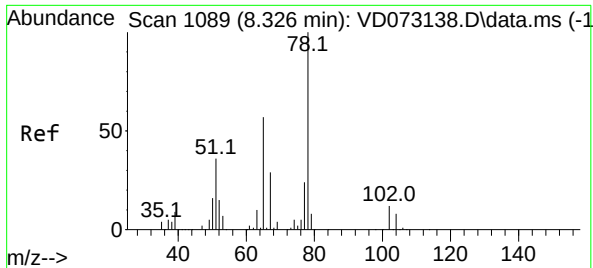
Tgt Ion: 56 Resp: 320349
Ion Ratio Lower Upper
56 100
69 34.7 25.4 38.2
84 89.3 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 42.600 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 97 Resp: 335651
Ion Ratio Lower Upper
97 100
99 63.9 52.4 78.6
61 43.6 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 43.032 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

Instrument :

MSVOA_D

ClientSampleId :

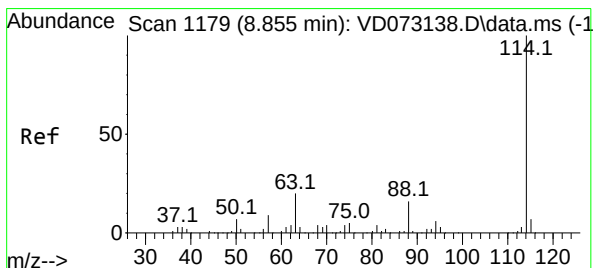
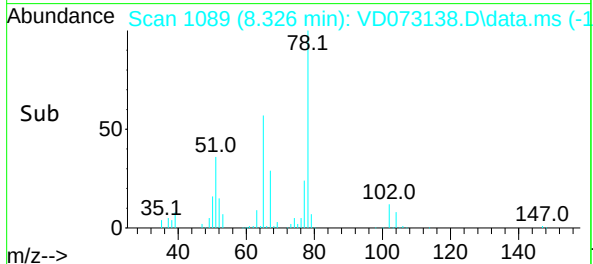
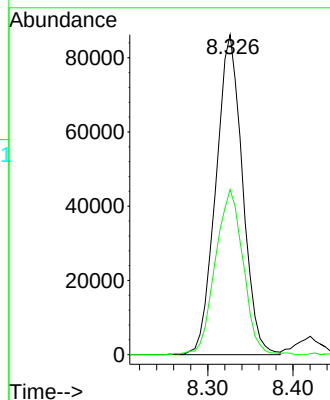
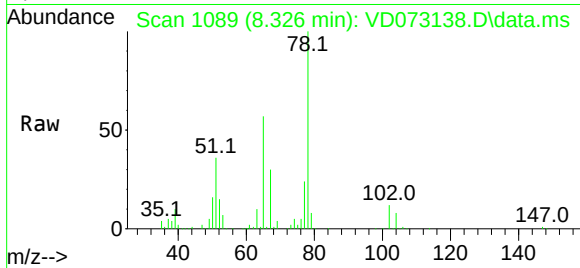
VSTDICCC050

Tgt Ion: 65 Resp: 186725

Ion Ratio Lower Upper

65 100

67 54.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

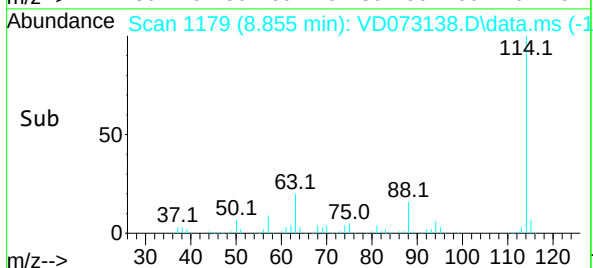
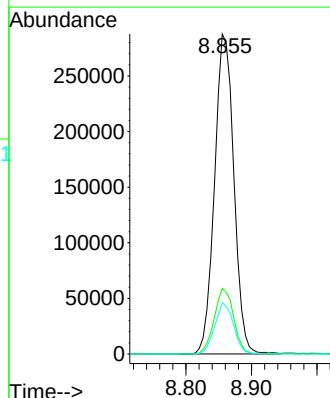
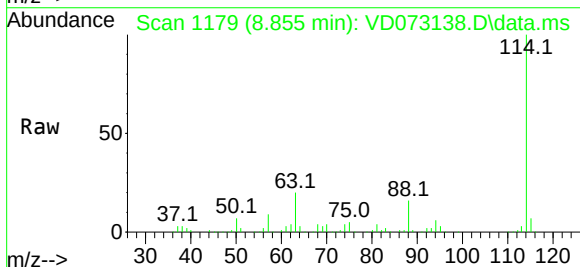
Tgt Ion: 114 Resp: 587250

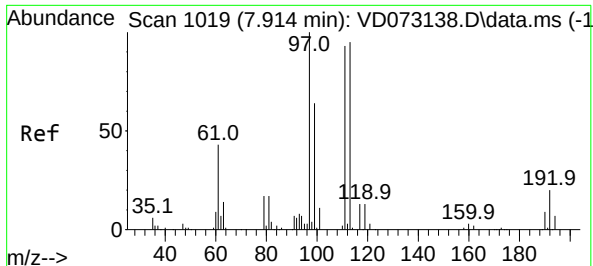
Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.884 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

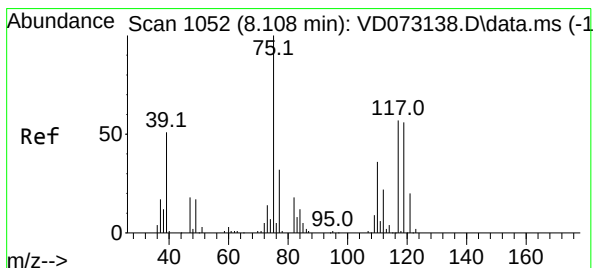
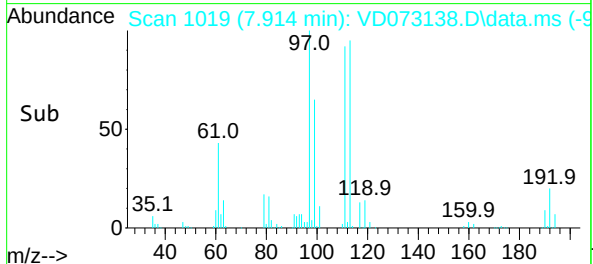
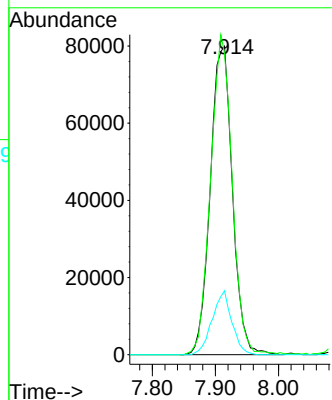
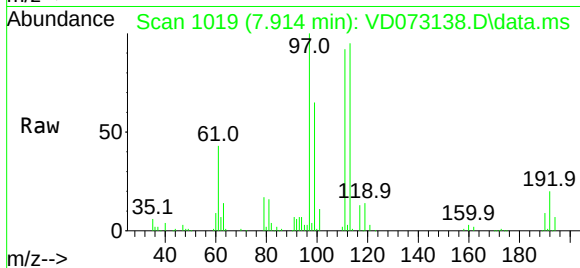
Tgt Ion:113 Resp: 195134

Ion Ratio Lower Upper

113 100

111 101.0 83.8 125.6

192 18.3 14.6 21.8



#36

1,1-Dichloropropene

Concen: 43.211 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

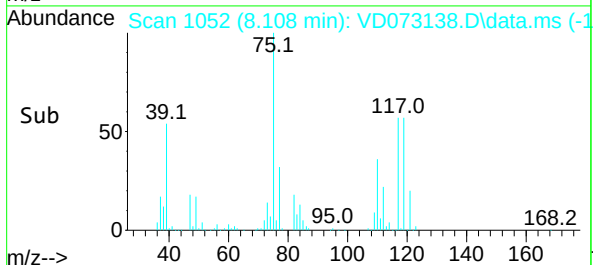
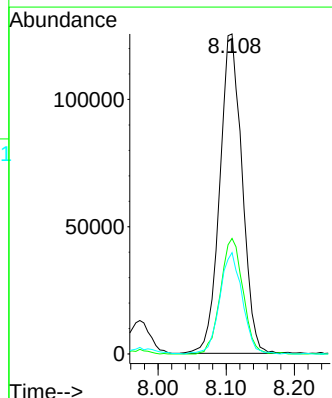
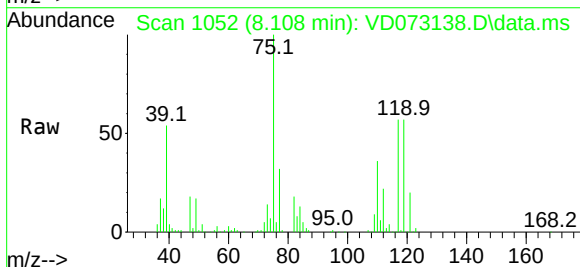
Tgt Ion: 75 Resp: 286200

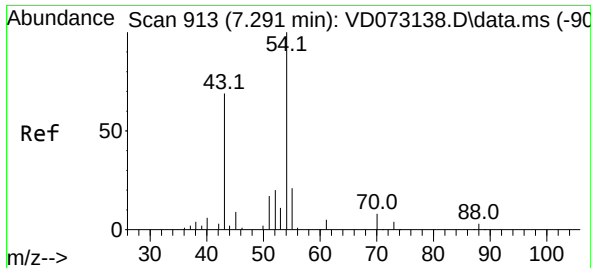
Ion Ratio Lower Upper

75 100

110 36.3 16.4 49.1

77 32.1 24.2 36.2

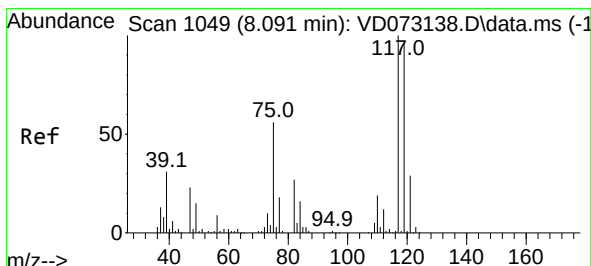
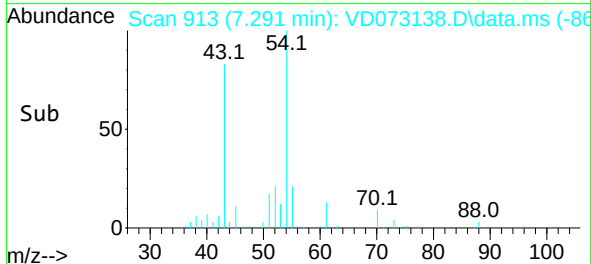
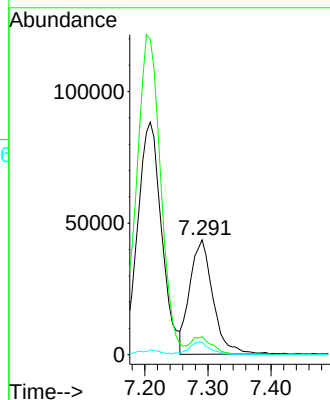
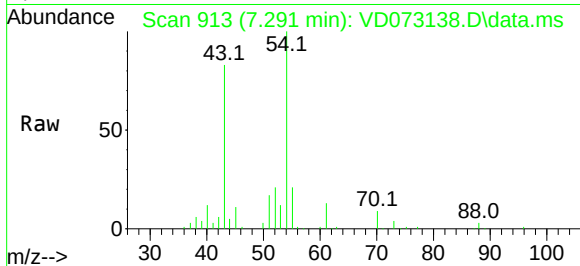




#37
Ethyl Acetate
Concen: 40.562 ug/l
RT: 7.291 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

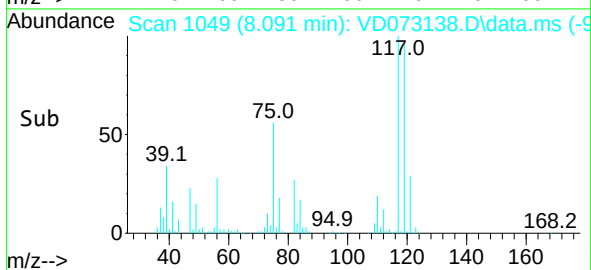
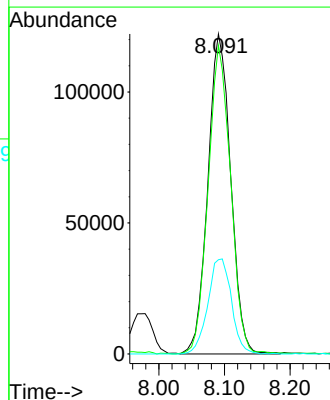
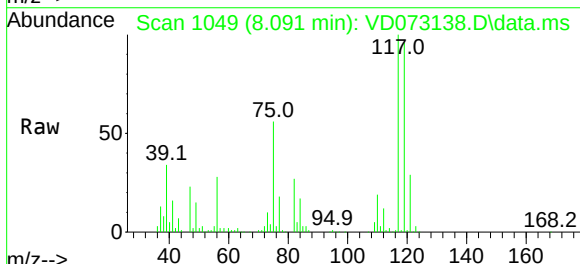
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

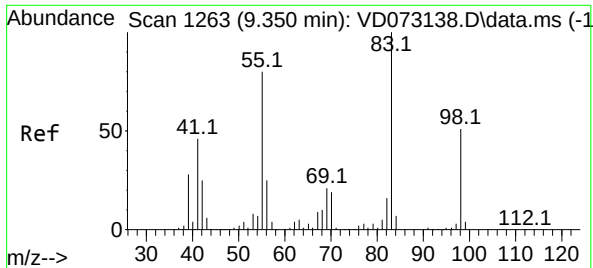
Tgt Ion: 43 Resp: 110434
Ion Ratio Lower Upper
43 100
61 14.6 9.8 14.8
70 10.2 6.9 10.3



#38
Carbon Tetrachloride
Concen: 43.625 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 117 Resp: 295549
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.6
121 29.4 24.5 36.7

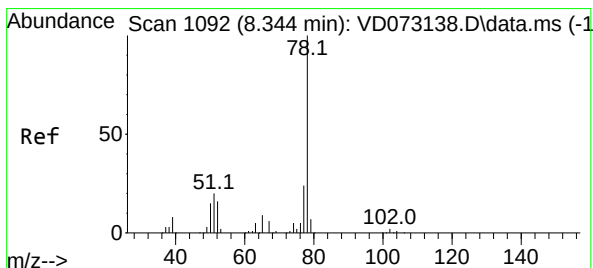
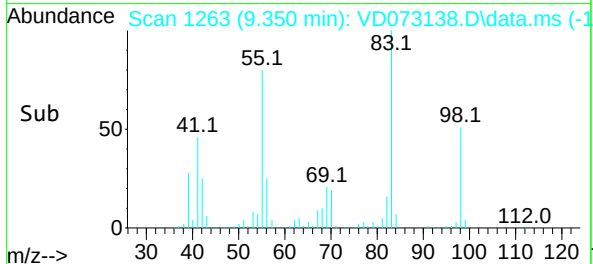
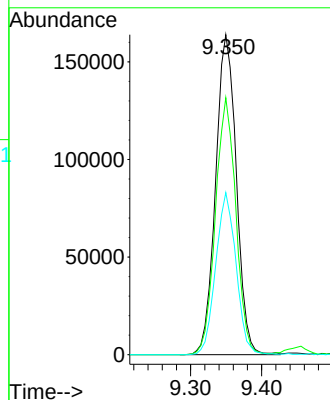
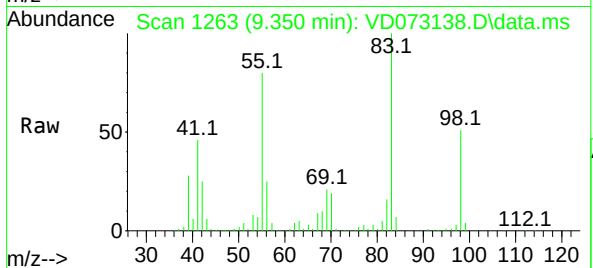




#39
Methylcyclohexane
Concen: 43.211 ug/l
RT: 9.350 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

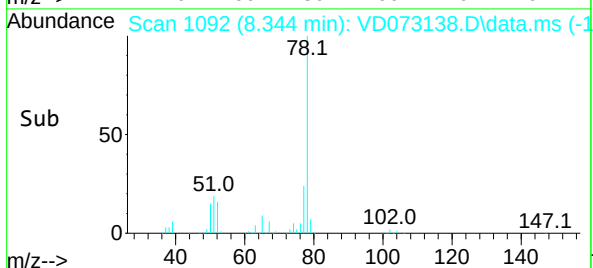
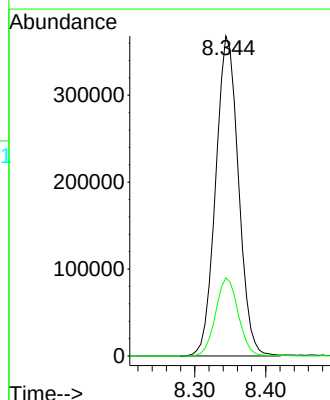
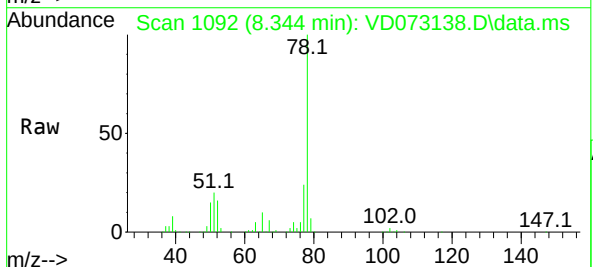
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

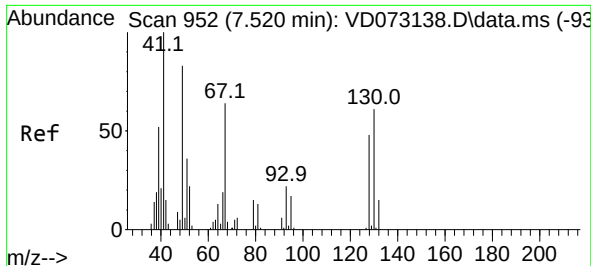
Tgt Ion: 83 Resp: 332230
Ion Ratio Lower Upper
83 100
55 80.3 63.2 94.8
98 50.6 38.2 57.4



#40
Benzene
Concen: 43.501 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 78 Resp: 819847
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

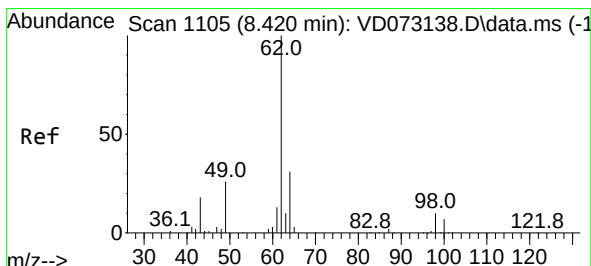
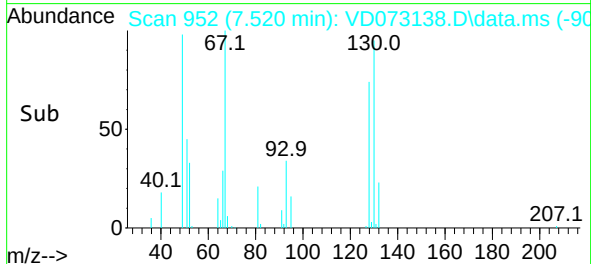
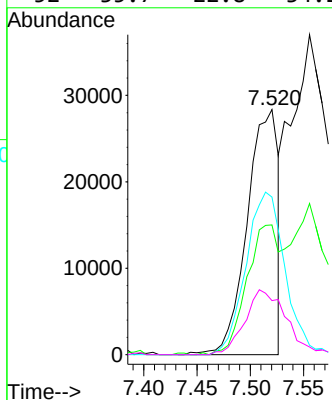
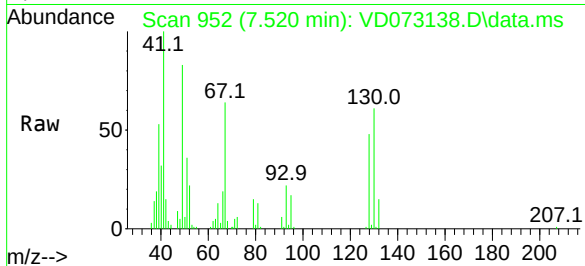




#41
Methacrylonitrile
Concen: 38.101 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

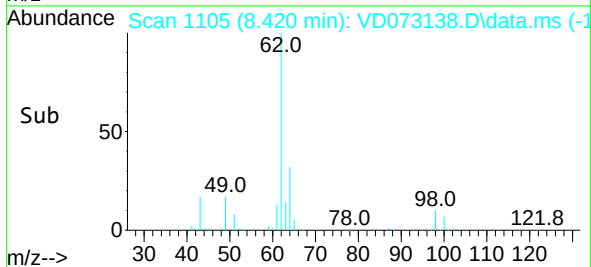
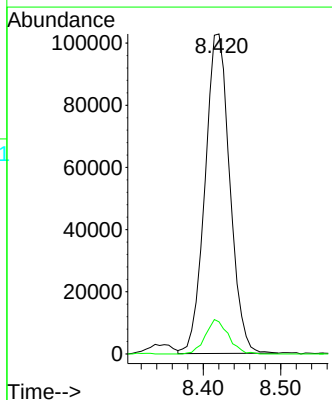
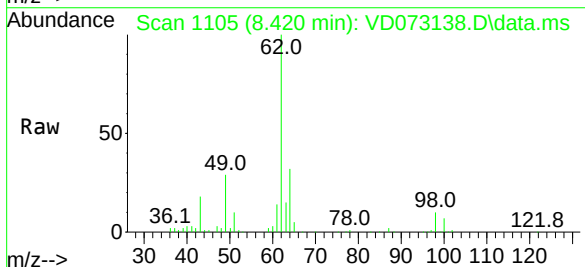
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

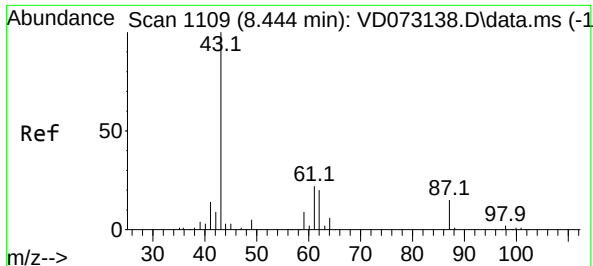
Tgt Ion: 41 Resp: 57474
Ion Ratio Lower Upper
41 100
39 60.8 44.6 67.0
67 83.6 48.2 72.4#
52 35.7 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 41.981 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 62 Resp: 228688
Ion Ratio Lower Upper
62 100
98 9.9 0.0 17.6





#43

Isopropyl Acetate

Concen: 41.722 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

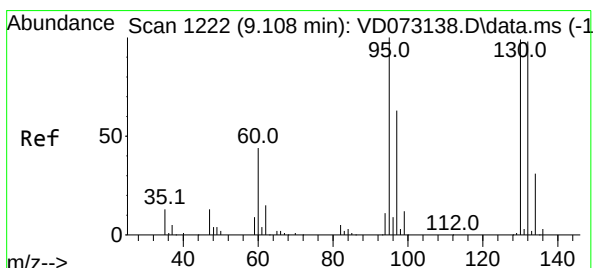
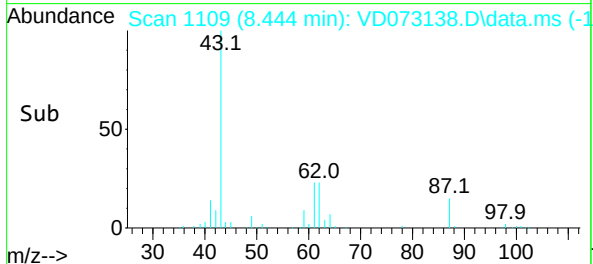
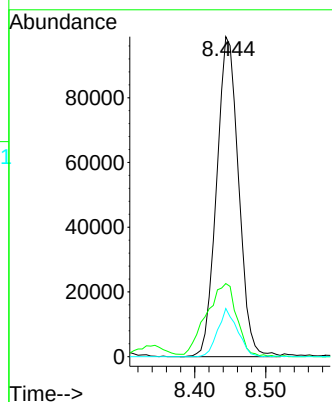
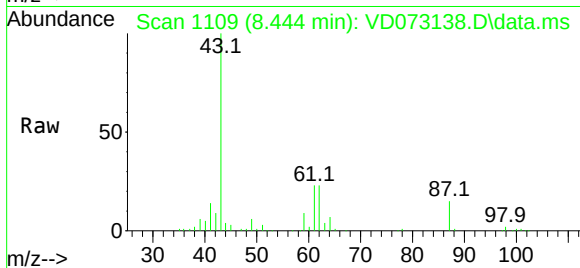
Tgt Ion: 43 Resp: 212273

Ion Ratio Lower Upper

43 100

61 31.9 22.4 33.6

87 13.5 8.7 13.1#



#44

Trichloroethene

Concen: 43.049 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD073138.D

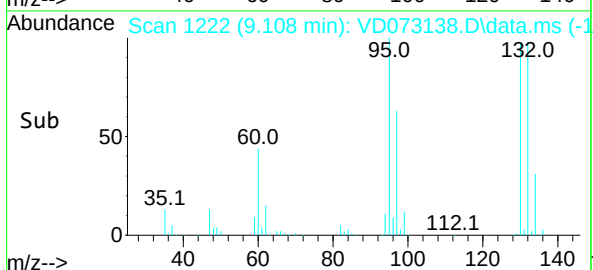
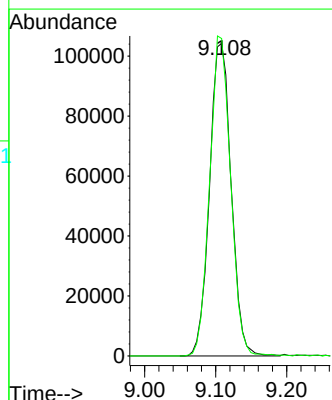
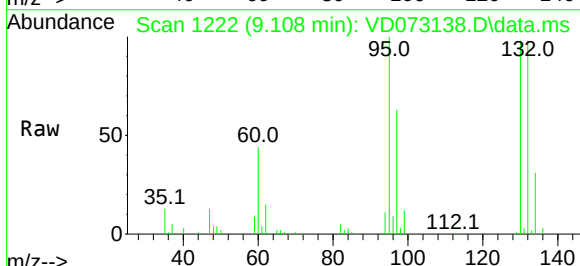
Acq: 19 May 2022 14:05

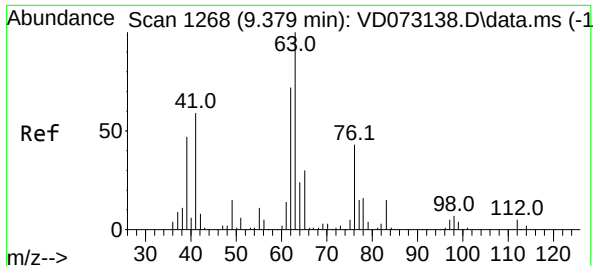
Tgt Ion:130 Resp: 220642

Ion Ratio Lower Upper

130 100

95 101.5 0.0 205.4





#45

1,2-Dichloropropane

Concen: 42.620 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

Instrument :

MSVOA_D

ClientSampleId :

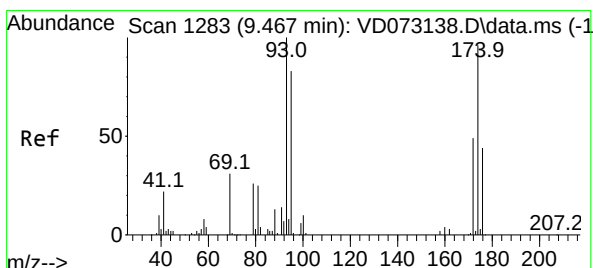
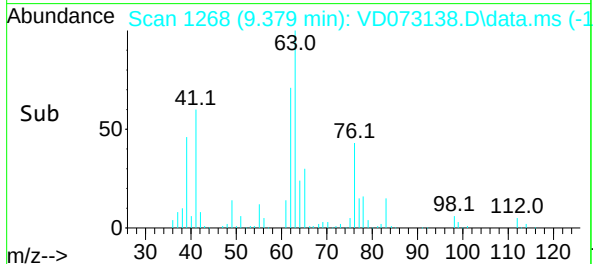
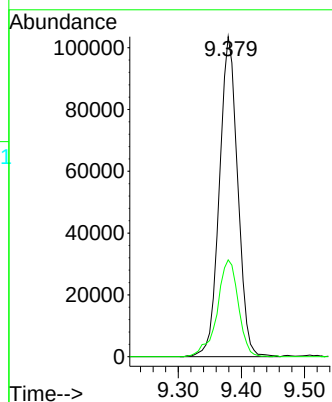
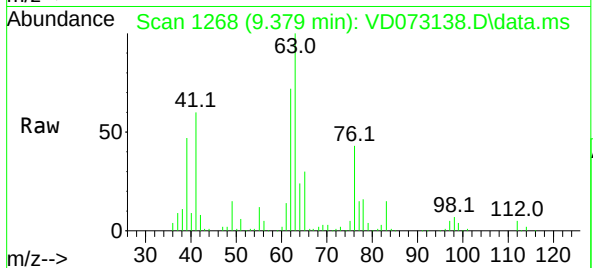
VSTDICCC050

Tgt Ion: 63 Resp: 208265

Ion Ratio Lower Upper

63 100

65 30.3 26.2 39.4



#46

Dibromomethane

Concen: 41.964 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

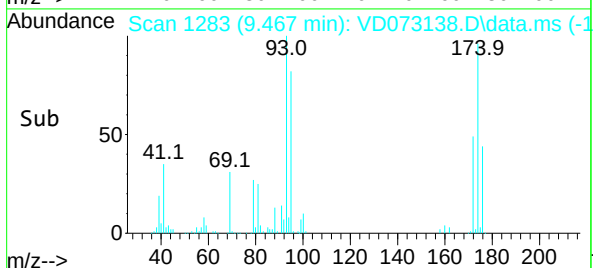
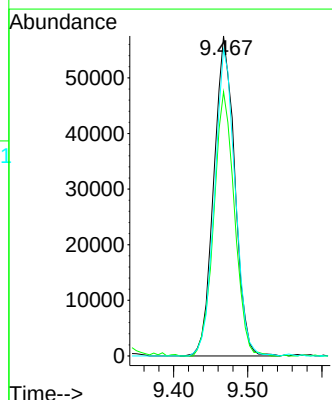
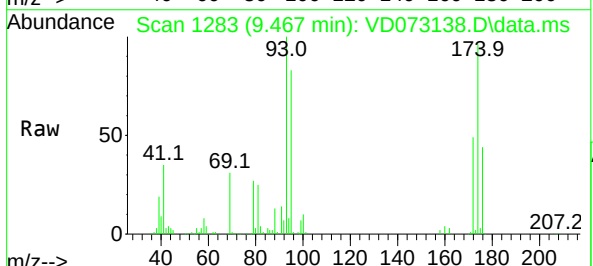
Tgt Ion: 93 Resp: 113089

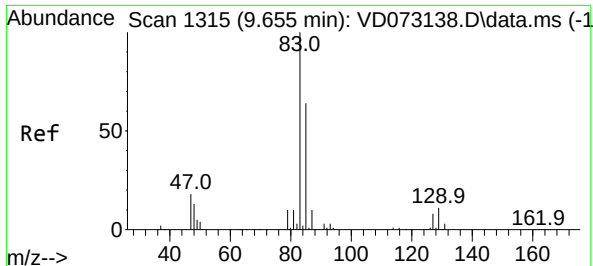
Ion Ratio Lower Upper

93 100

95 81.2 66.7 100.1

174 93.9 71.6 107.4

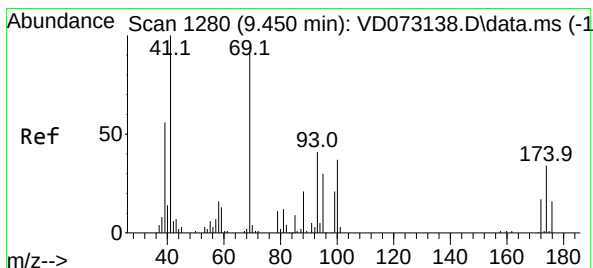
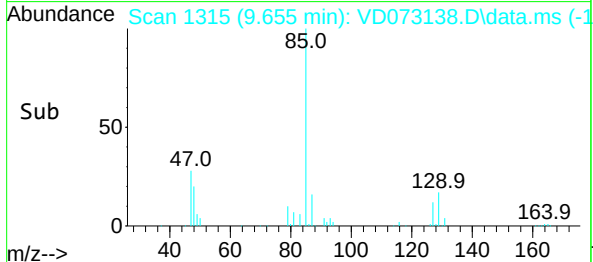
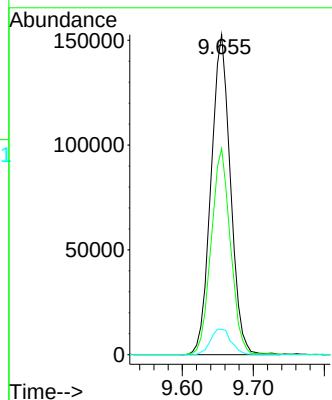
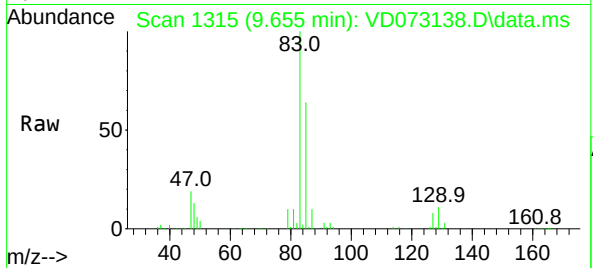




#47
Bromodichloromethane
Concen: 42.323 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

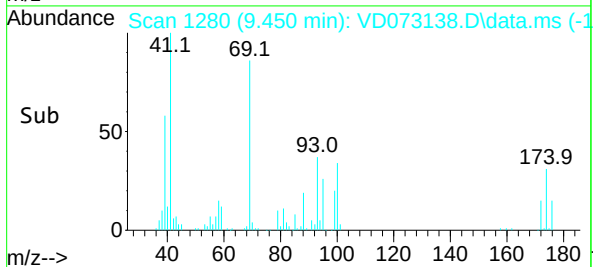
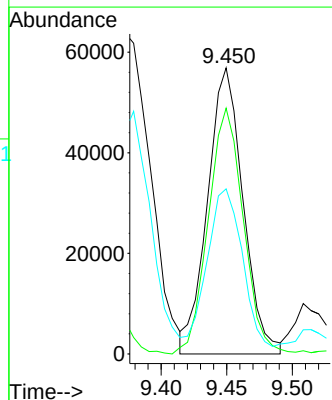
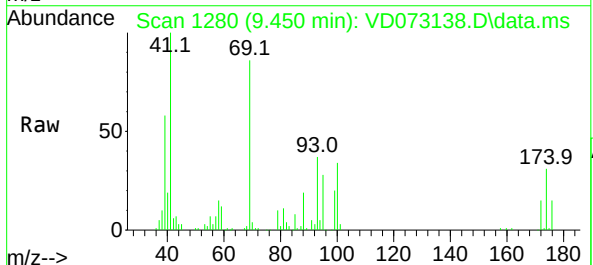
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

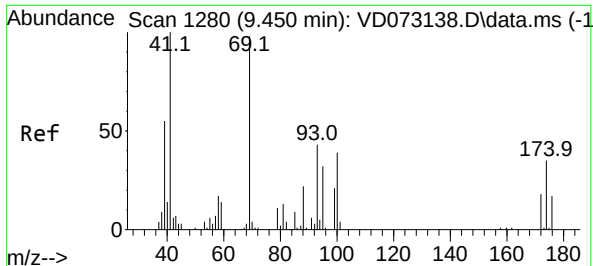
Tgt Ion: 83 Resp: 289874
Ion Ratio Lower Upper
83 100
85 64.4 51.4 77.0
127 8.0 6.1 9.1



#48
Methyl methacrylate
Concen: 42.739 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 41 Resp: 107058
Ion Ratio Lower Upper
41 100
69 84.7 56.7 85.1
39 53.6 42.7 64.1





#49

1,4-Dioxane

Concen: 845.725 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

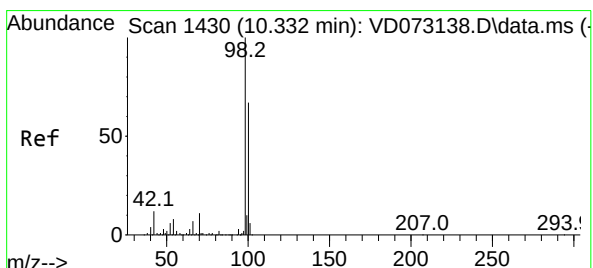
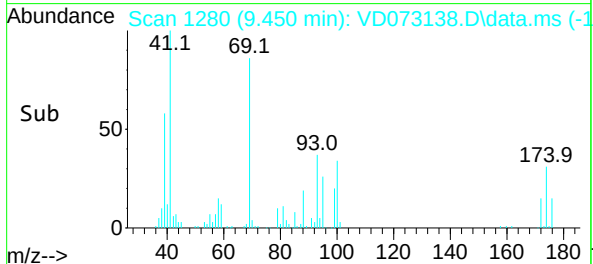
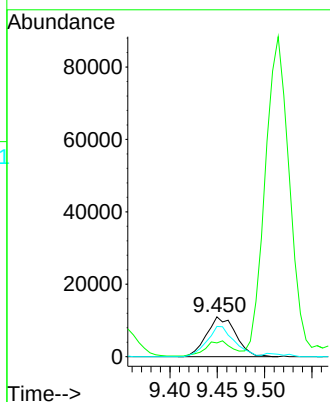
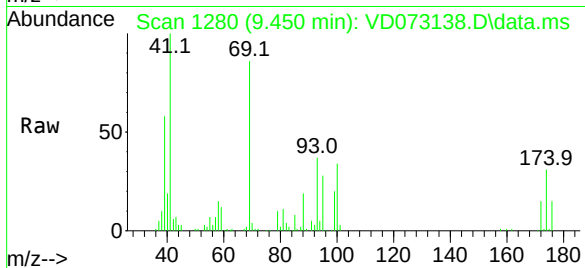
Tgt Ion: 88 Resp: 23423

Ion Ratio Lower Upper

88 100

43 33.3 31.0 46.4

58 71.6 58.1 87.1



#50

Toluene-d8

Concen: 49.379 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073138.D

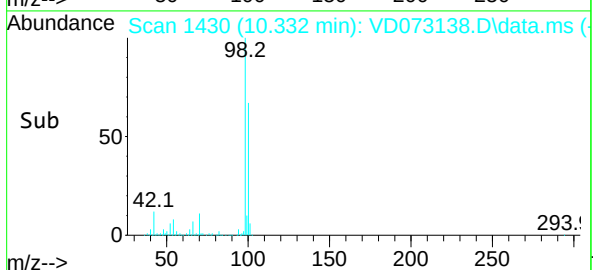
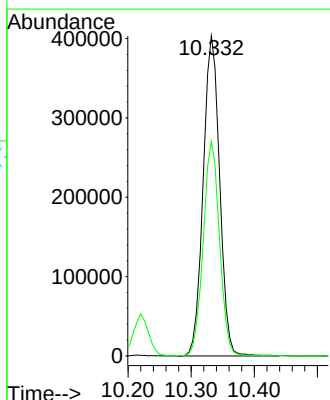
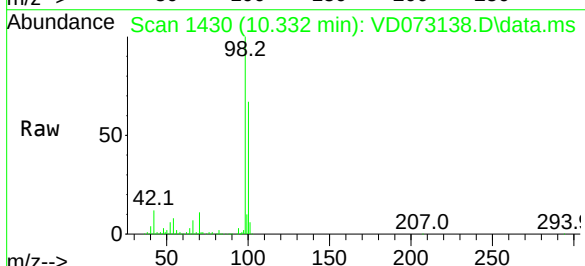
Acq: 19 May 2022 14:05

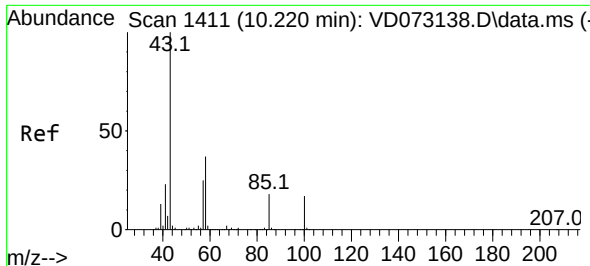
Tgt Ion: 98 Resp: 730984

Ion Ratio Lower Upper

98 100

100 66.1 52.4 78.6

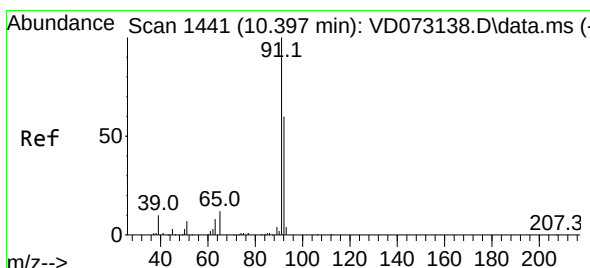
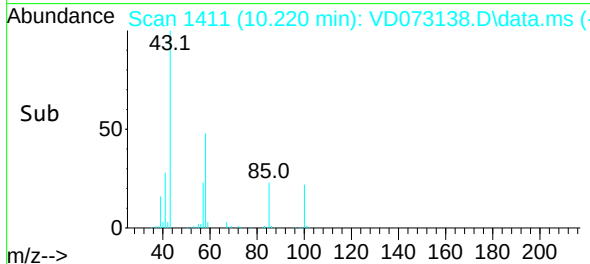
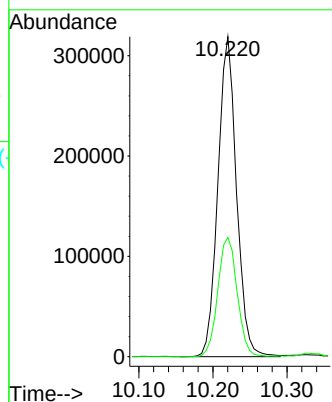
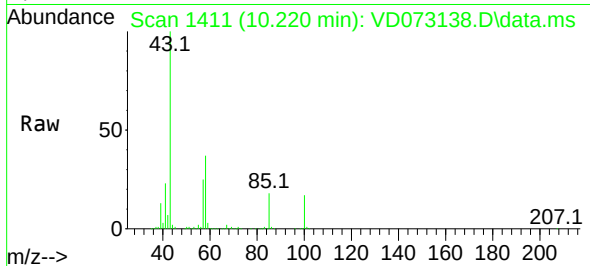




#51
4-Methyl-2-Pentanone
Concen: 210.534 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

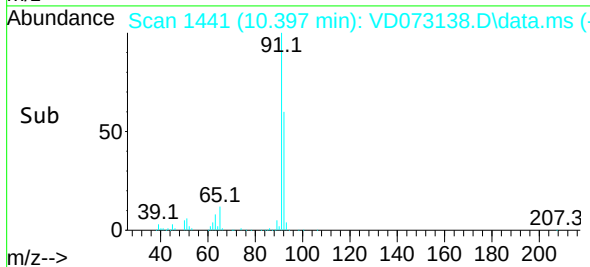
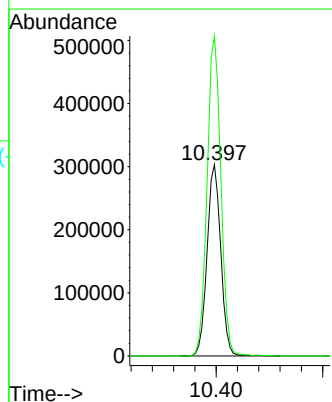
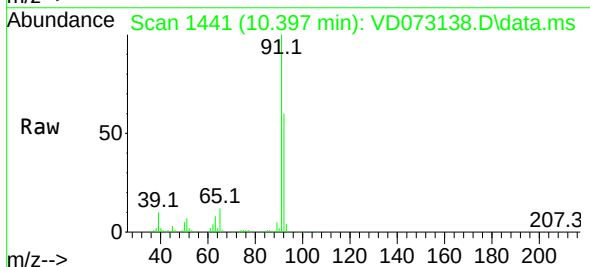
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

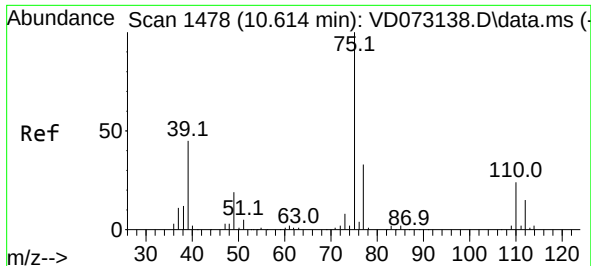
Tgt Ion: 43 Resp: 556237
Ion Ratio Lower Upper
43 100
58 38.9 28.6 43.0



#52
Toluene
Concen: 45.076 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 92 Resp: 540989
Ion Ratio Lower Upper
92 100
91 168.6 139.6 209.4

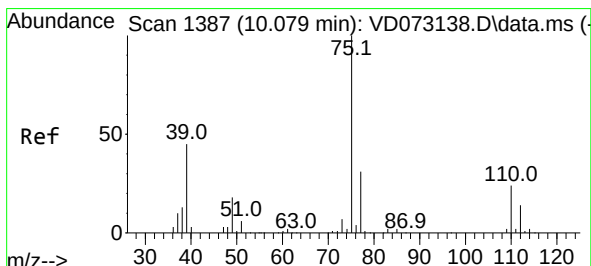
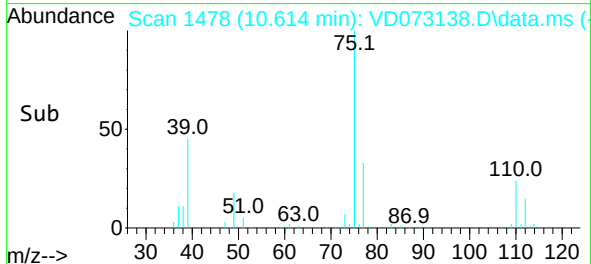
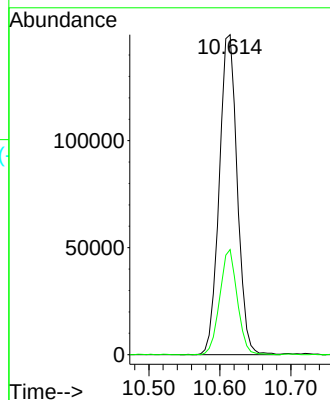
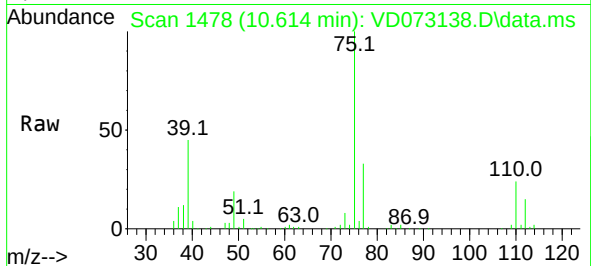




#53
 t-1,3-Dichloropropene
 Concen: 42.254 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD073138.D
 Acq: 19 May 2022 14:05

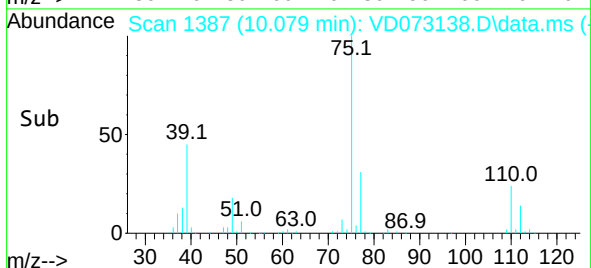
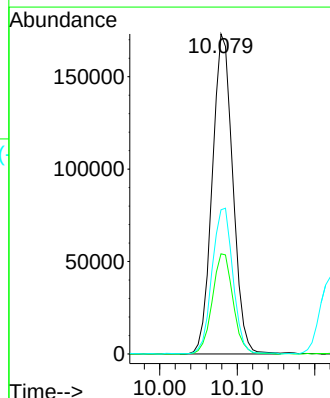
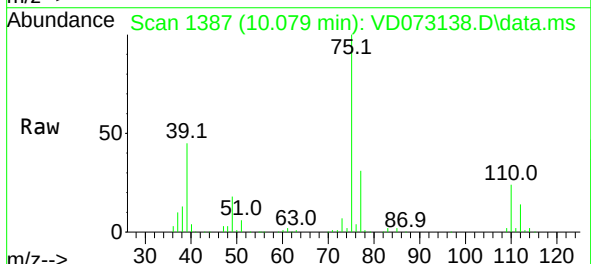
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

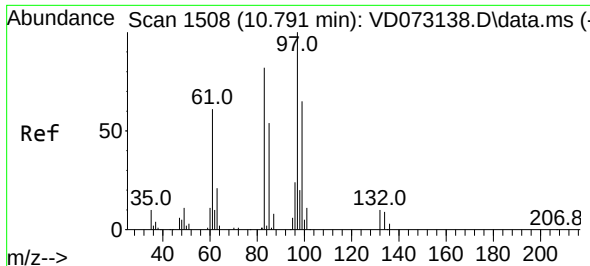
Tgt Ion: 75 Resp: 262790
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 43.332 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. 0.000 min
 Lab File: VD073138.D
 Acq: 19 May 2022 14:05

Tgt Ion: 75 Resp: 319358
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.8 37.2
 39 45.1 46.8 70.2#

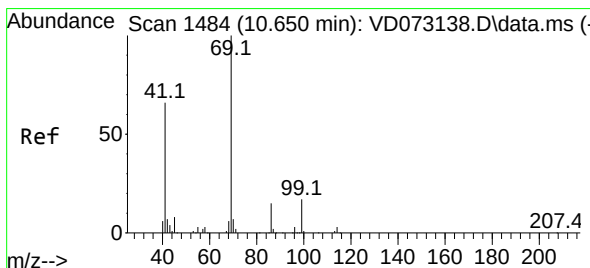
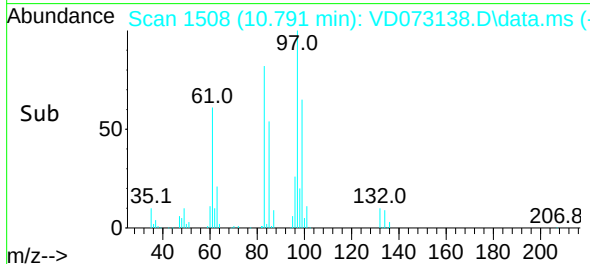
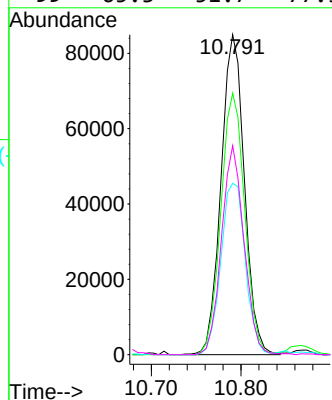
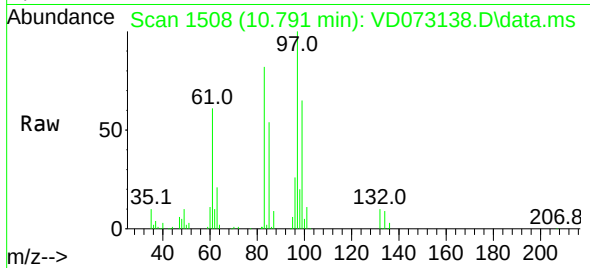




#55
1,1,2-Trichloroethane
Concen: 41.815 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

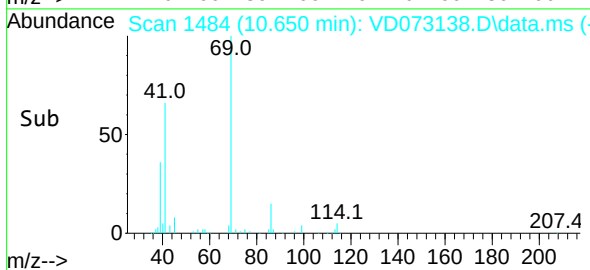
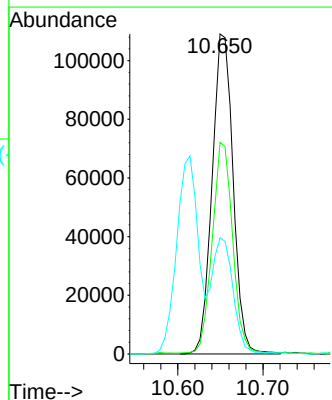
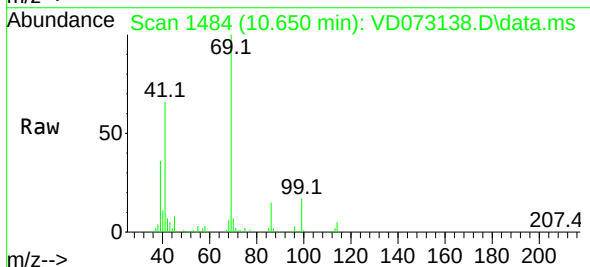
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

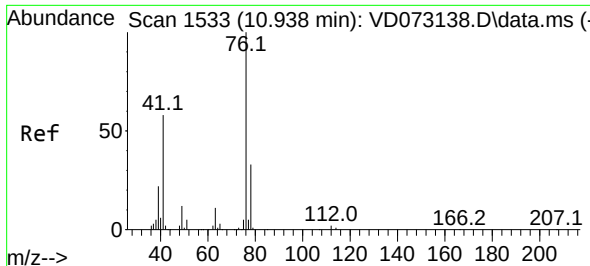
Tgt Ion:	97	Resp:	153435
Ion	Ratio	Lower	Upper
97	100		
83	81.7	69.0	103.4
85	53.6	42.6	63.8
99	65.3	51.7	77.5



#56
Ethyl methacrylate
Concen: 45.100 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion:	69	Resp:	186557
Ion	Ratio	Lower	Upper
69	100		
41	64.0	63.0	94.6
39	37.0	33.8	50.8





#57

1,3-Dichloropropane

Concen: 42.282 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

Instrument :

MSVOA_D

ClientSampleId :

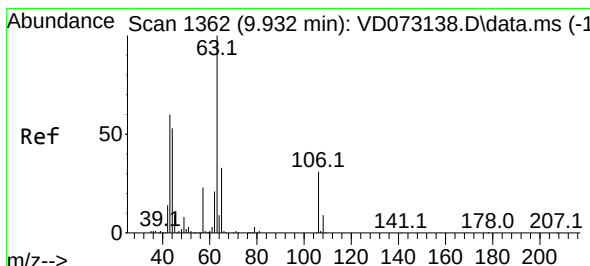
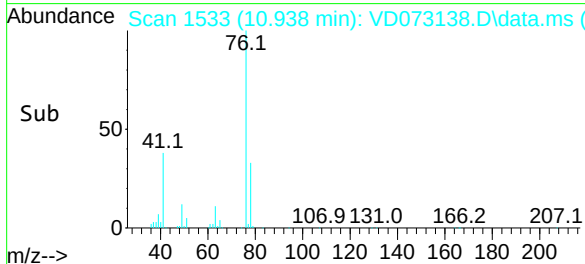
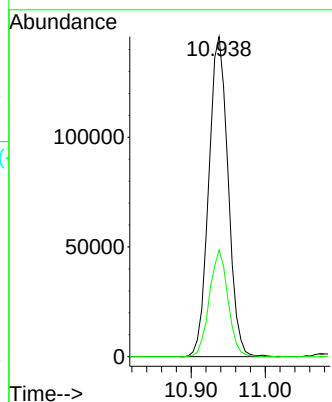
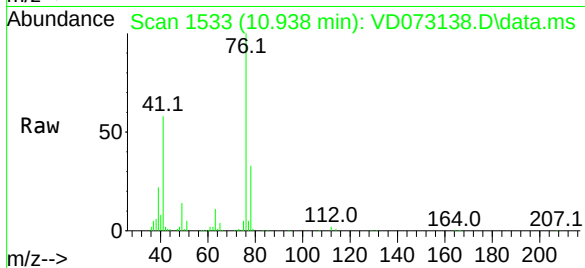
VSTDICCC050

Tgt Ion: 76 Resp: 264129

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 209.894 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073138.D

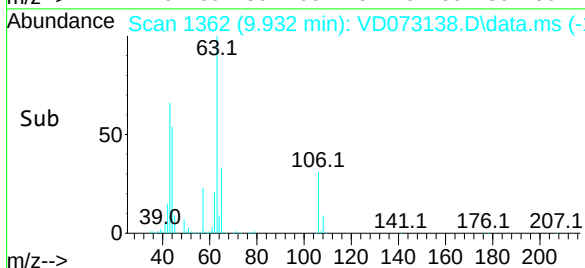
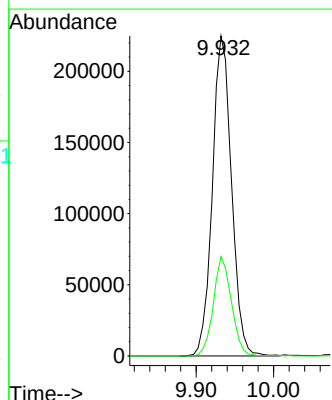
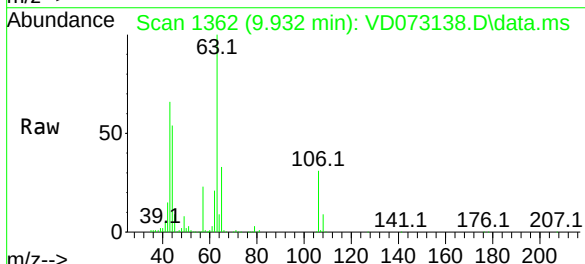
Acq: 19 May 2022 14:05

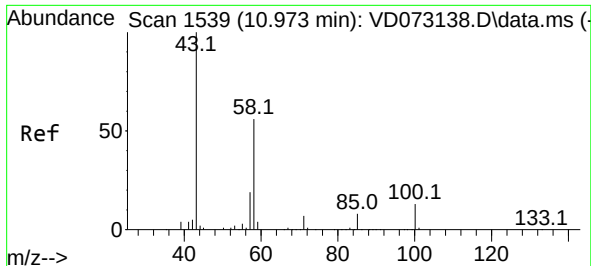
Tgt Ion: 63 Resp: 386997

Ion Ratio Lower Upper

63 100

106 29.2 21.4 32.0

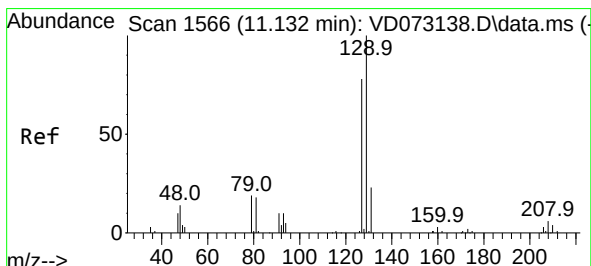
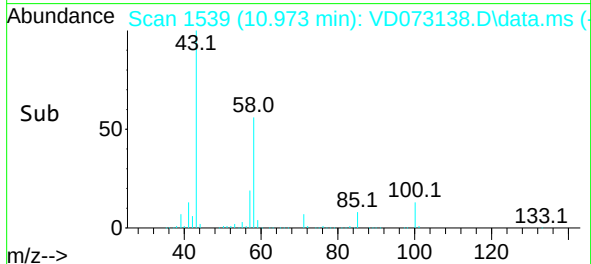
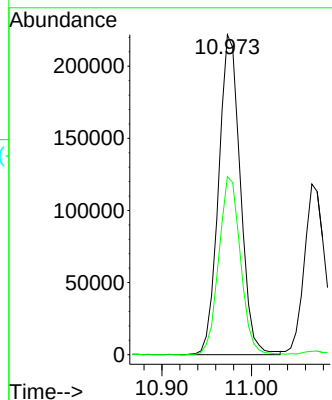
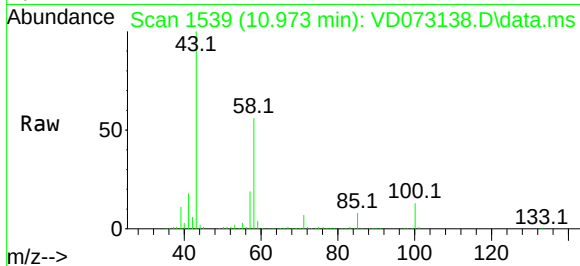




#59
2-Hexanone
Concen: 213.549 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

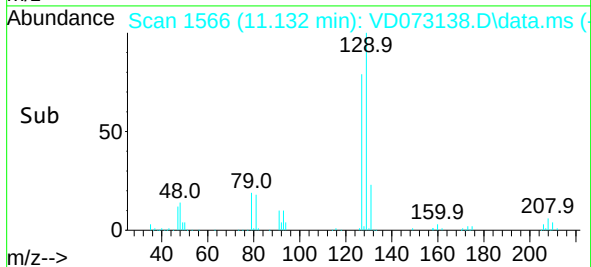
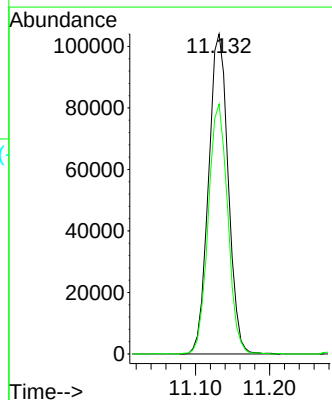
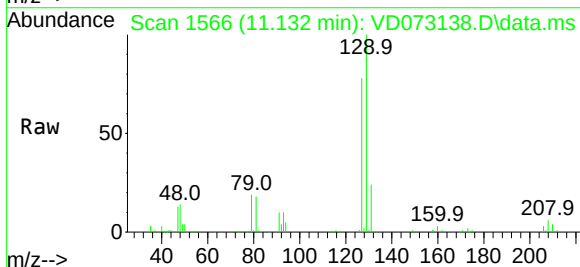
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

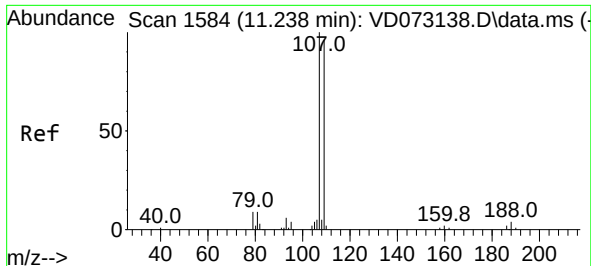
Tgt Ion: 43 Resp: 372522
Ion Ratio Lower Upper
43 100
58 55.5 25.3 75.9



#60
Dibromochloromethane
Concen: 41.965 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 129 Resp: 191469
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6

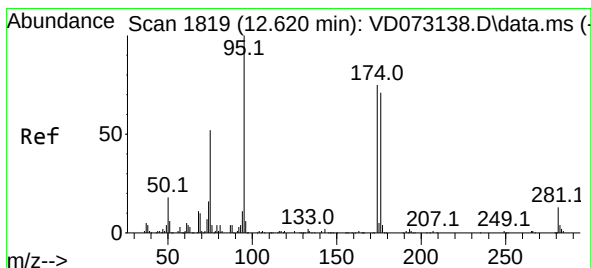
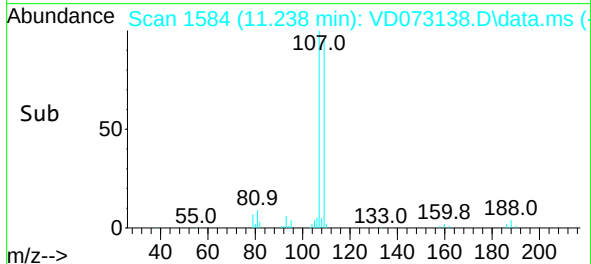
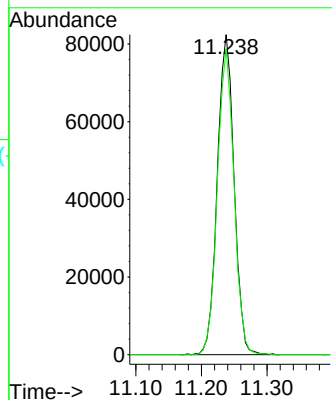
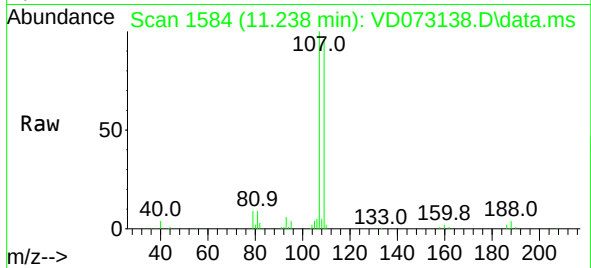




#61
1,2-Dibromoethane
Concen: 41.298 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

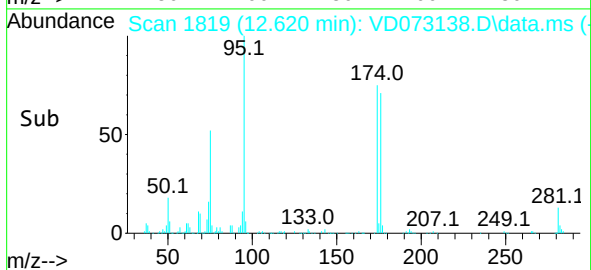
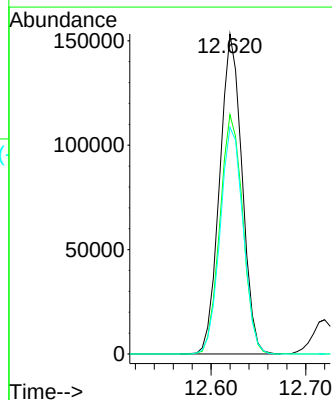
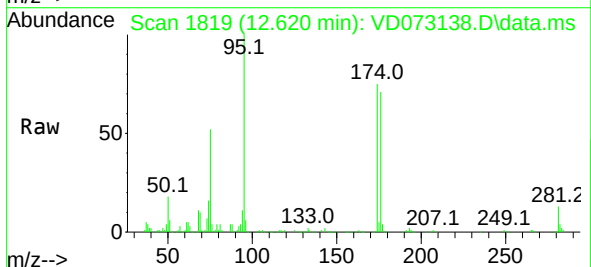
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

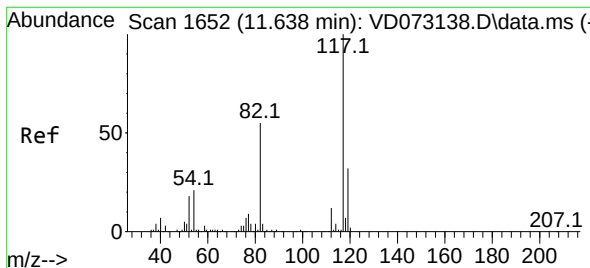
Tgt Ion:107 Resp: 145896
Ion Ratio Lower Upper
107 100
109 95.0 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 47.270 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 95 Resp: 251454
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.8
176 72.9 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

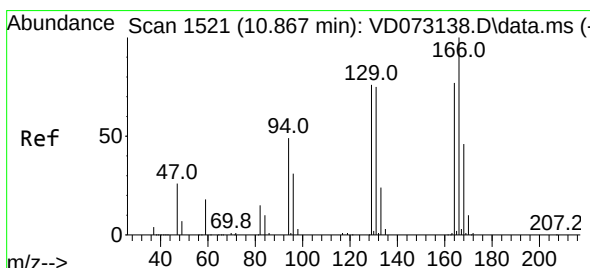
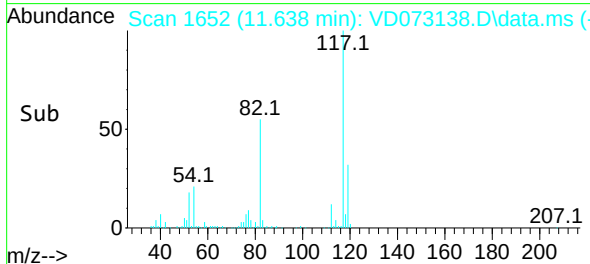
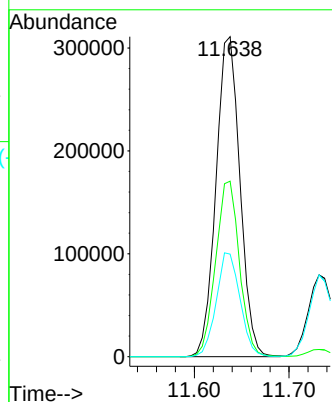
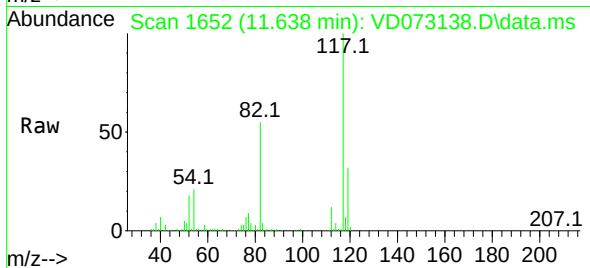
Tgt Ion:117 Resp: 547396

Ion Ratio Lower Upper

117 100

82 54.8 45.3 67.9

119 32.0 26.6 40.0



#64

Tetrachloroethene

Concen: 44.238 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

Tgt Ion:164 Resp: 175299

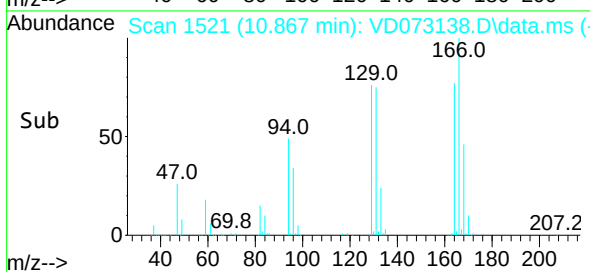
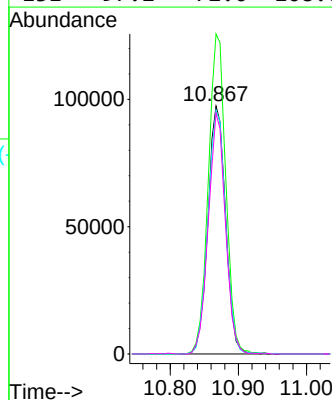
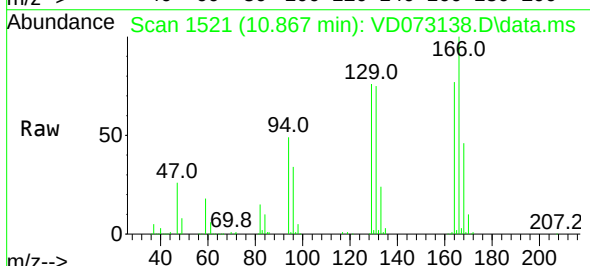
Ion Ratio Lower Upper

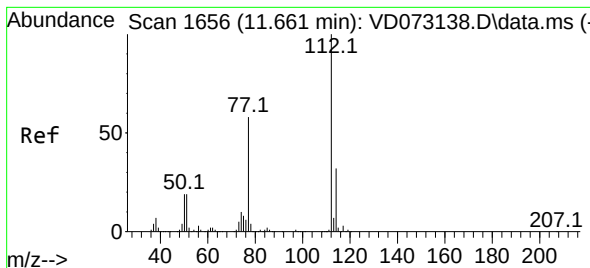
164 100

166 129.1 98.5 147.7

129 98.3 74.6 111.8

131 97.2 72.0 108.0





#65

Chlorobenzene

Concen: 45.069 ug/l

RT: 11.661 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

Instrument :

MSVOA_D

ClientSampleId :

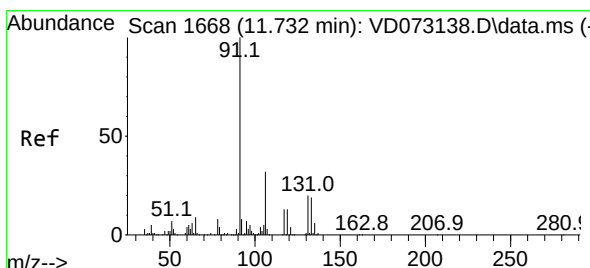
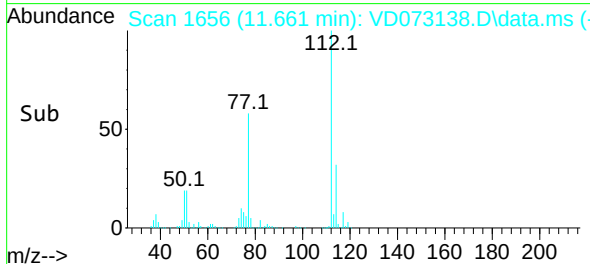
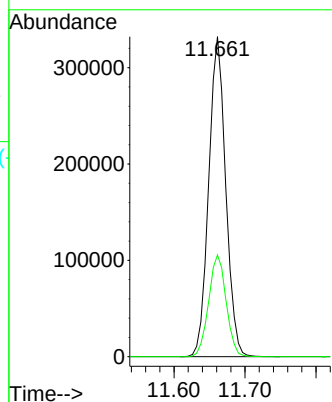
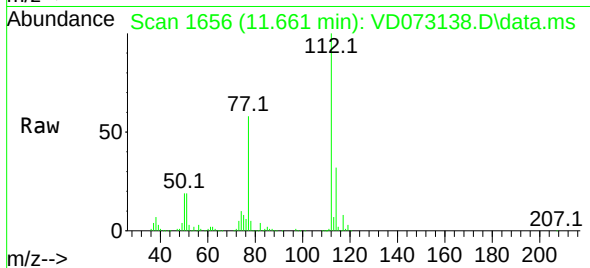
VSTDICCC050

Tgt Ion:112 Resp: 552105

Ion Ratio Lower Upper

112 100

114 31.8 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 44.291 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

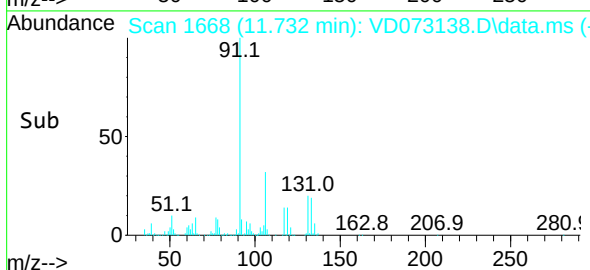
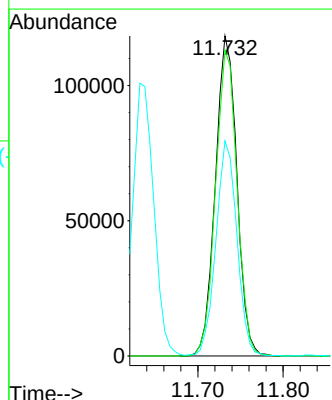
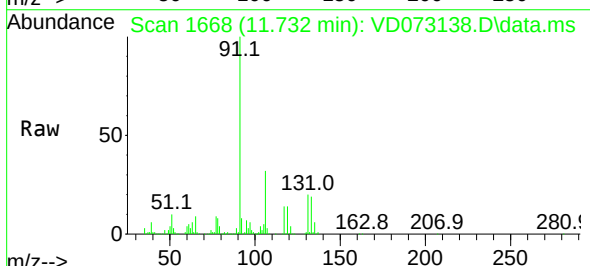
Tgt Ion:131 Resp: 207329

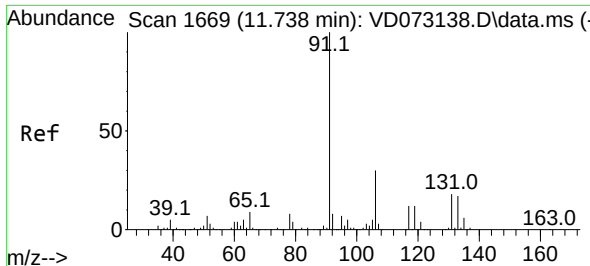
Ion Ratio Lower Upper

131 100

133 95.7 48.1 144.3

119 65.9 31.9 95.9

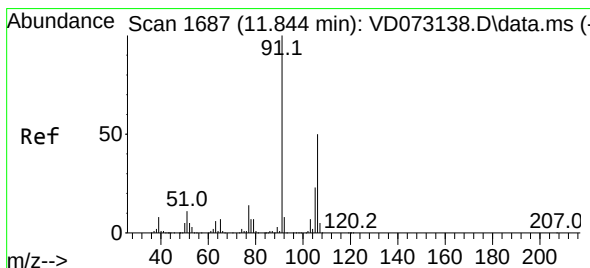
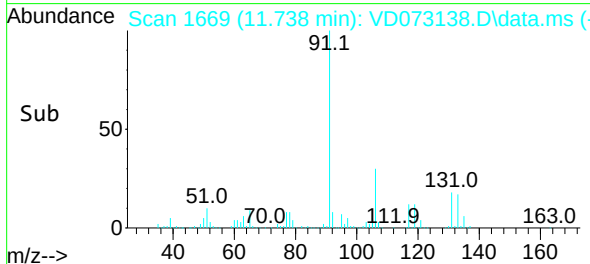
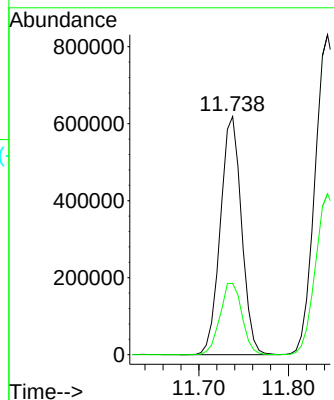
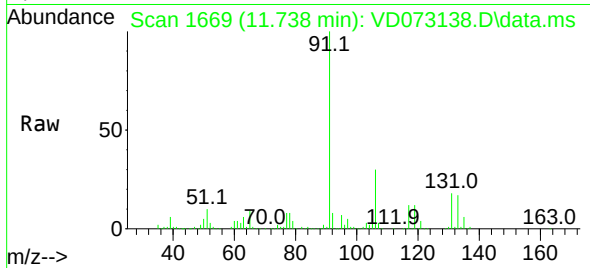




#67
Ethyl Benzene
Concen: 47.475 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

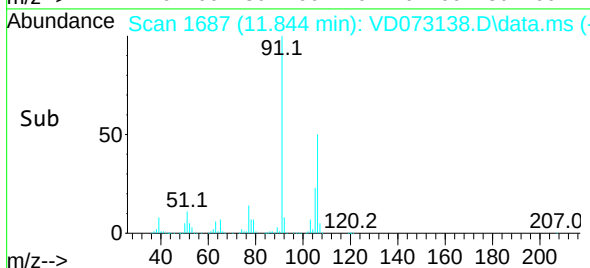
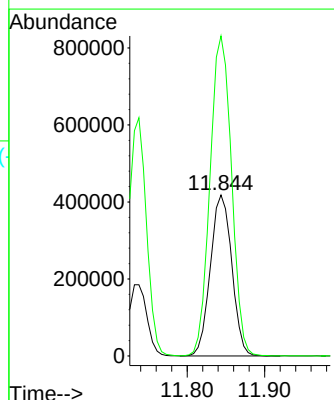
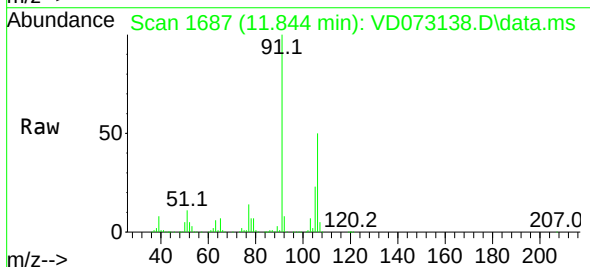
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

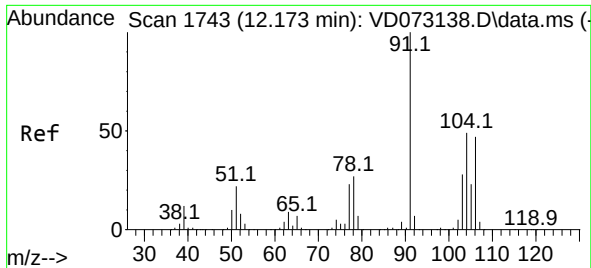
Tgt Ion: 91 Resp: 1014479
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.4



#68
m/p-Xylenes
Concen: 96.524 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 106 Resp: 802100
Ion Ratio Lower Upper
106 100
91 199.9 163.7 245.5

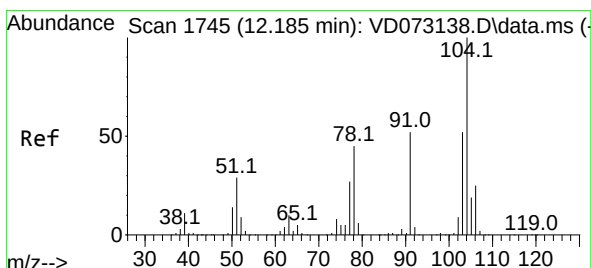
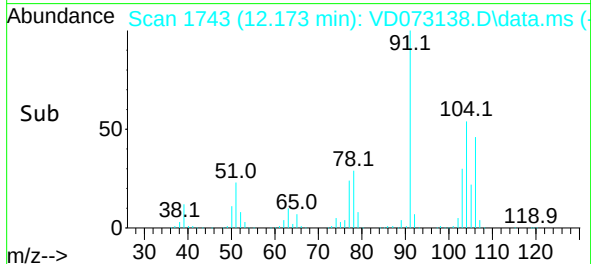
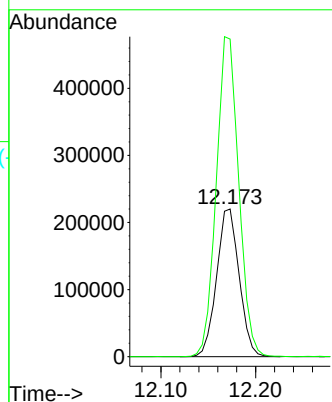
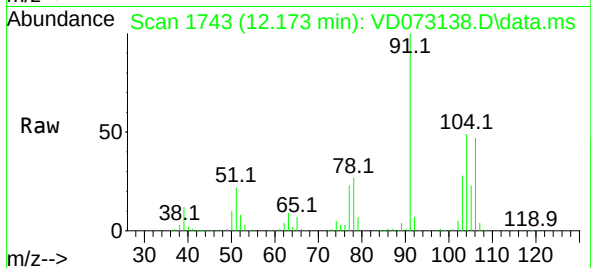




#69
o-Xylene
Concen: 47.781 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

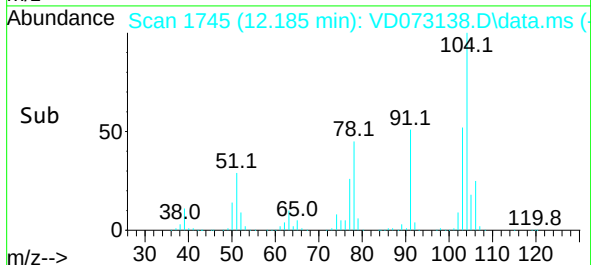
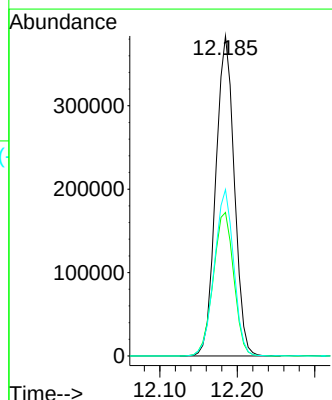
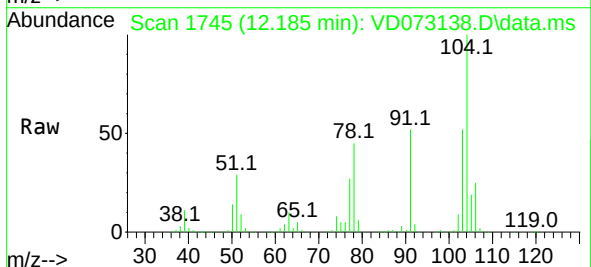
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

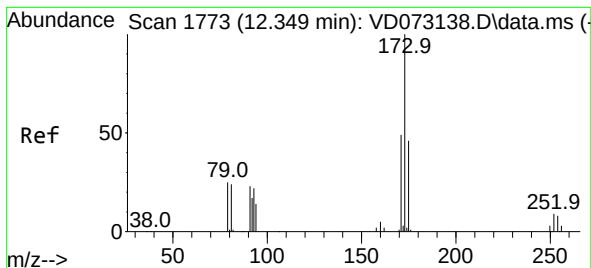
Tgt Ion:106 Resp: 364543
Ion Ratio Lower Upper
106 100
91 215.7 110.4 331.2



#70
Styrene
Concen: 47.931 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion:104 Resp: 636611
Ion Ratio Lower Upper
104 100
78 49.7 41.8 62.8
103 54.4 44.2 66.4





#71

Bromoform

Concen: 43.388 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

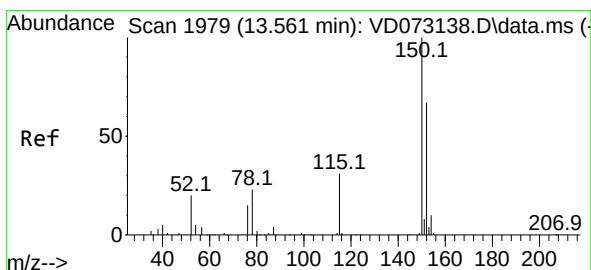
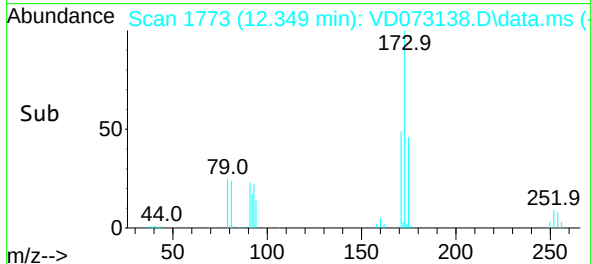
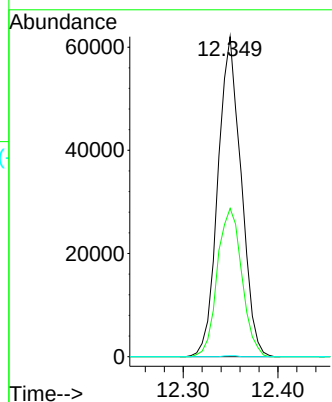
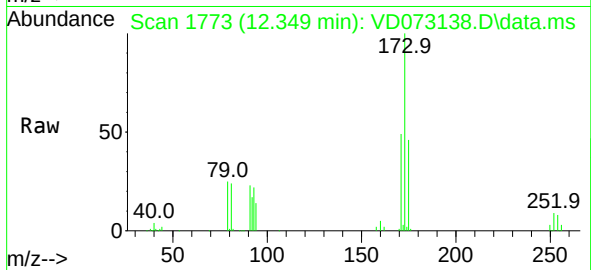
Tgt Ion:173 Resp: 105530

Ion Ratio Lower Upper

173 100

175 48.8 23.9 71.8

254 0.2 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: VD073138.D

Acq: 19 May 2022 14:05

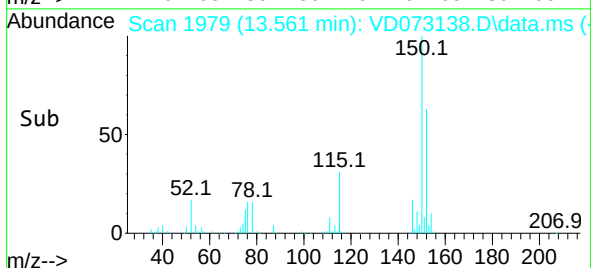
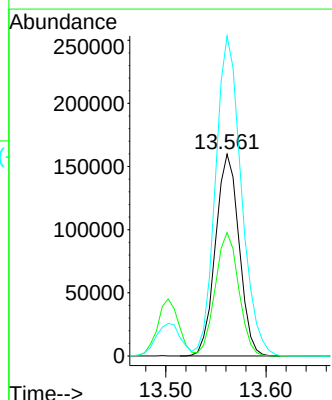
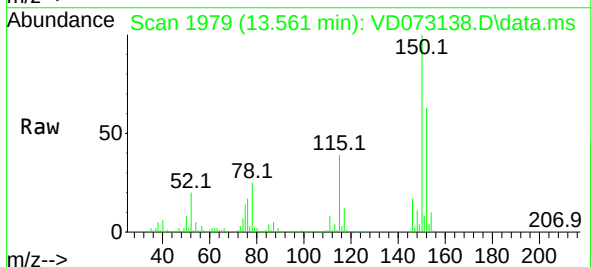
Tgt Ion:152 Resp: 260920

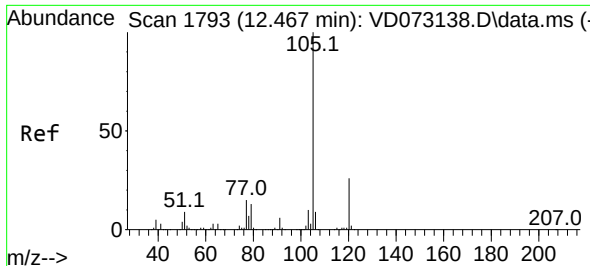
Ion Ratio Lower Upper

152 100

115 60.6 31.3 93.8

150 173.2 0.0 348.6

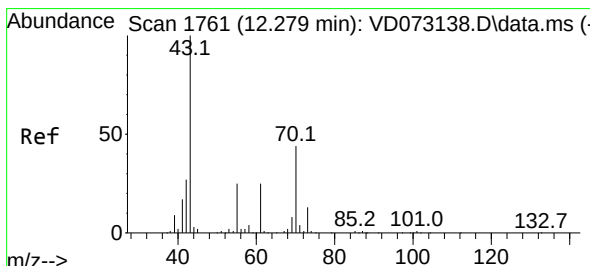
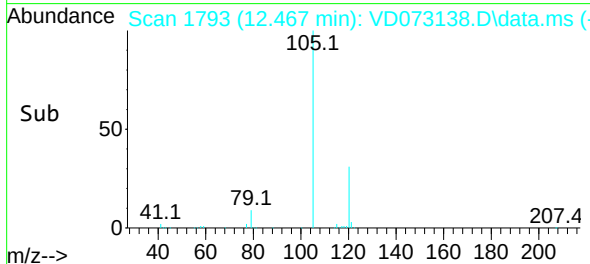
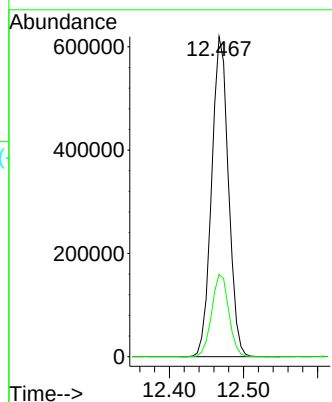
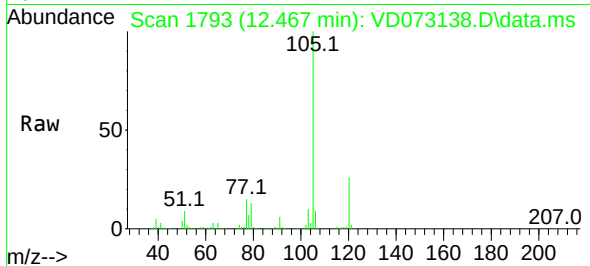




#73
Isopropylbenzene
Concen: 49.474 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

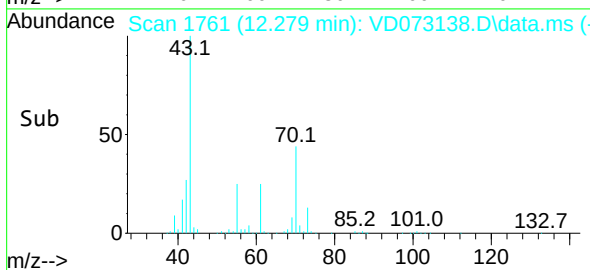
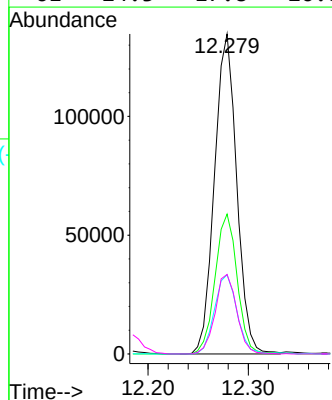
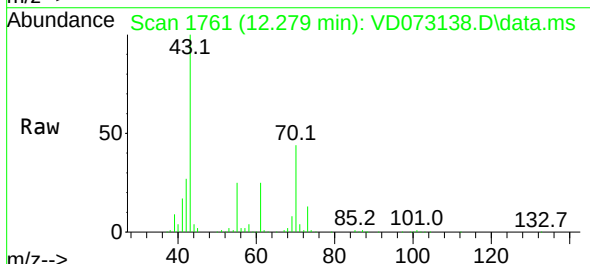
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

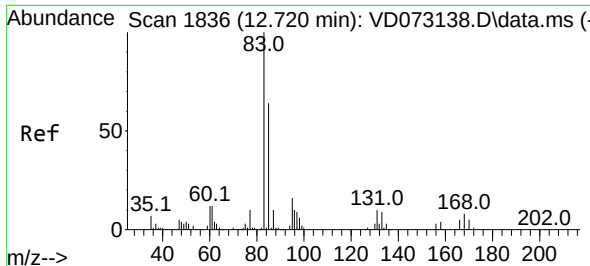
Tgt Ion:105 Resp: 974867
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9



#74
N-ethyl acetate
Concen: 46.067 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 43 Resp: 207544
Ion Ratio Lower Upper
43 100
70 43.4 31.3 46.9
55 25.0 20.0 30.0
61 24.3 17.8 26.8

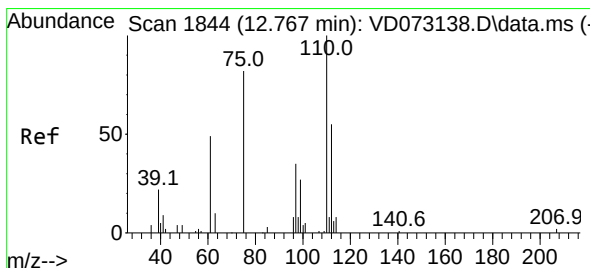
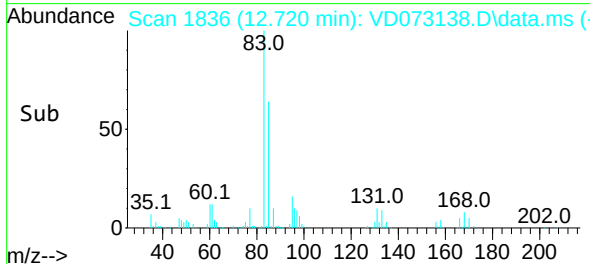
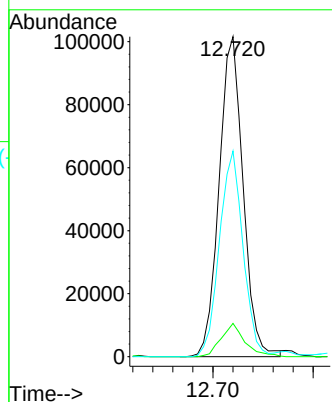
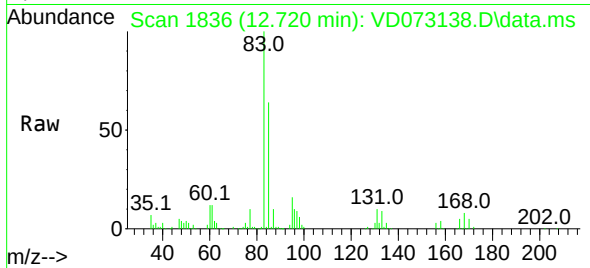




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.137 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD073138.D
 Acq: 19 May 2022 14:05

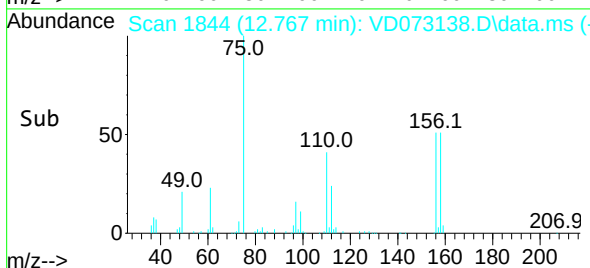
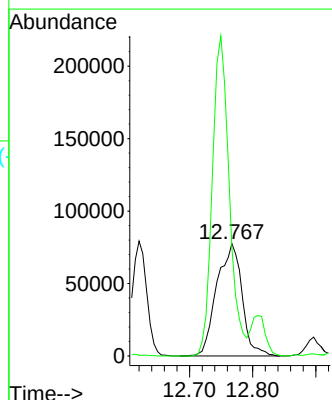
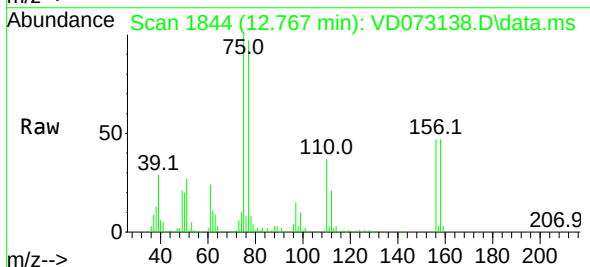
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

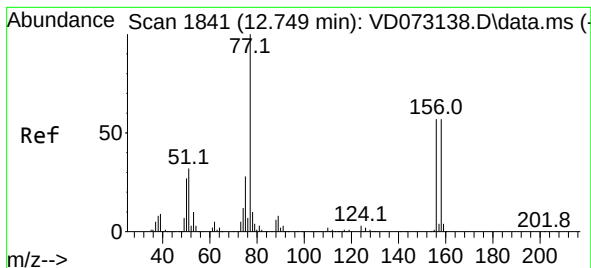
Tgt Ion: 83 Resp: 168240
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.0 14.9
 85 63.5 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 74.468 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VD073138.D
 Acq: 19 May 2022 14:05

Tgt Ion: 75 Resp: 215204
 Ion Ratio Lower Upper
 75 100
 77 192.4 0.0 0.0#





#77

Bromobenzene

Concen: 46.764 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

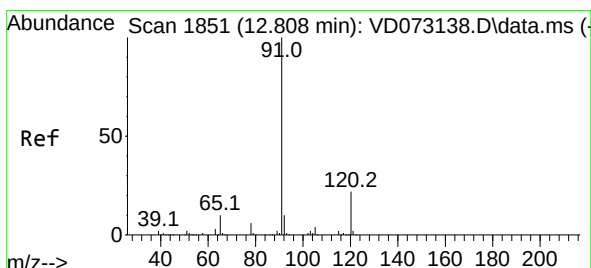
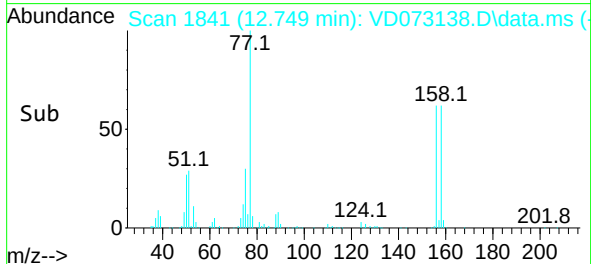
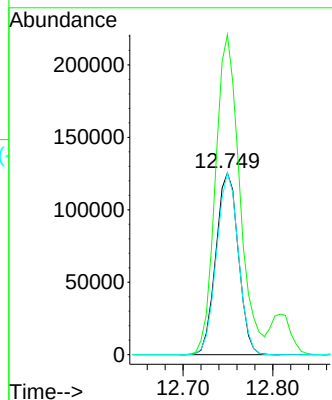
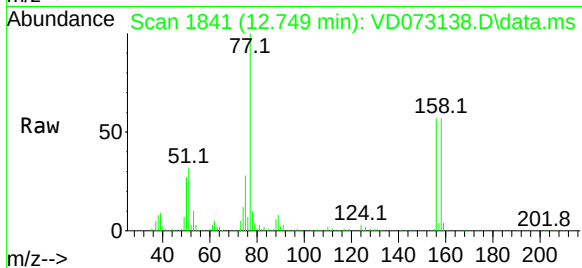
Tgt Ion:156 Resp: 217754

Ion Ratio Lower Upper

156 100

77 190.2 102.8 308.3

158 97.6 48.7 146.1



#78

n-propylbenzene

Concen: 49.392 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073138.D

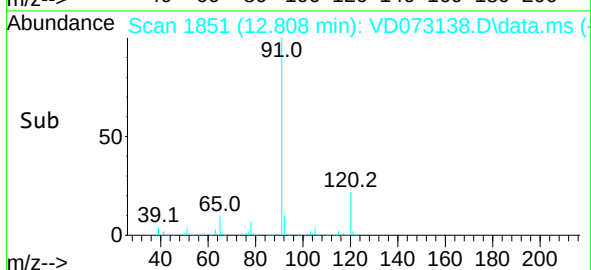
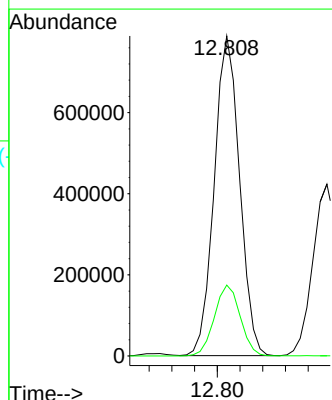
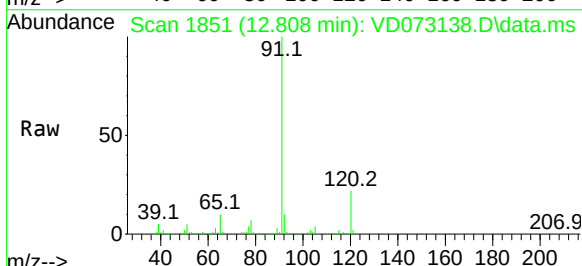
Acq: 19 May 2022 14:05

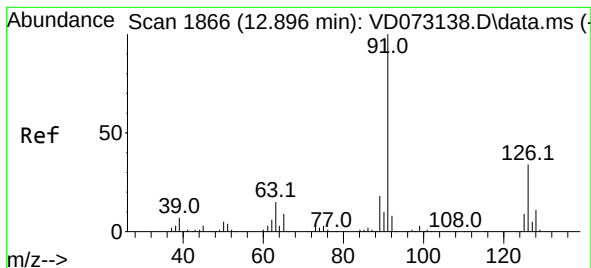
Tgt Ion: 91 Resp: 1220407

Ion Ratio Lower Upper

91 100

120 22.6 10.9 32.9





#79

2-Chlorotoluene

Concen: 47.915 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

Instrument :

MSVOA_D

ClientSampleId :

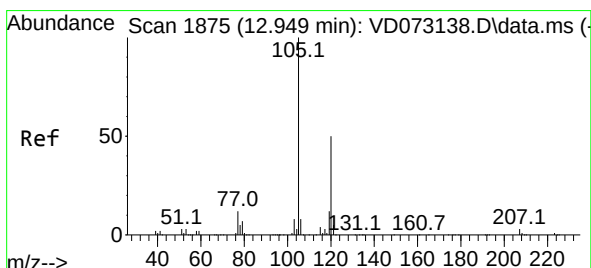
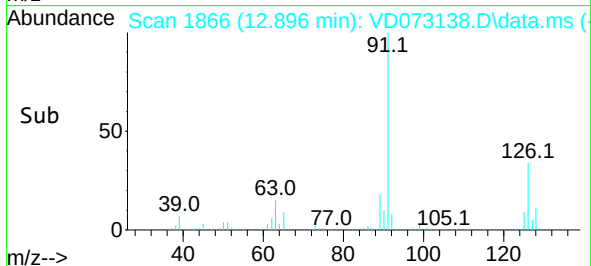
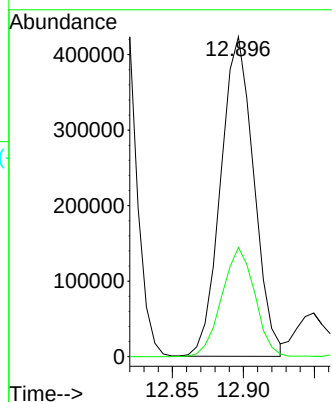
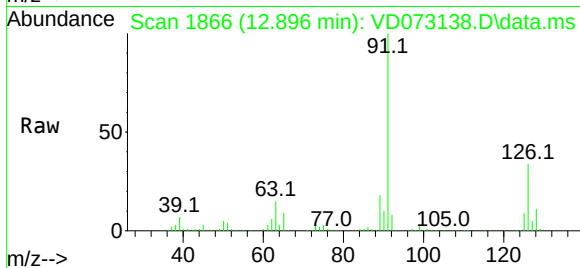
VSTDICCC050

Tgt Ion: 91 Resp: 687183

Ion Ratio Lower Upper

91 100

126 34.0 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 49.071 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD073138.D

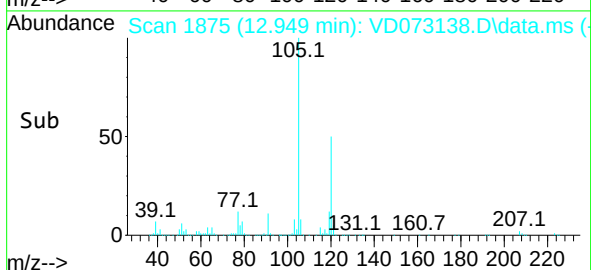
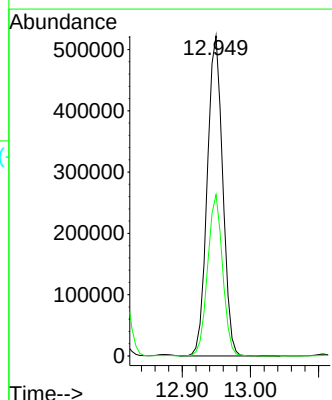
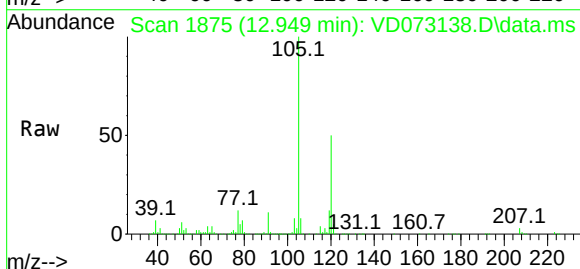
Acq: 19 May 2022 14:05

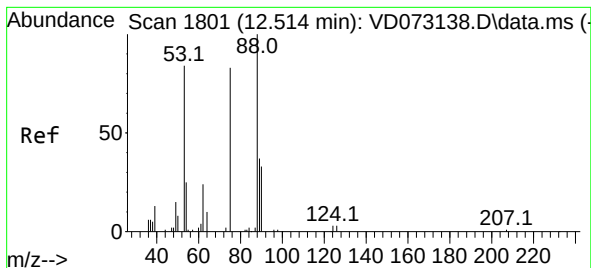
Tgt Ion: 105 Resp: 821653

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8

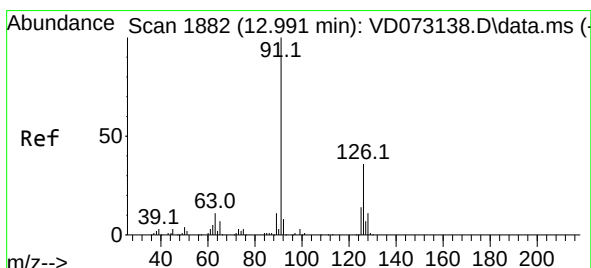
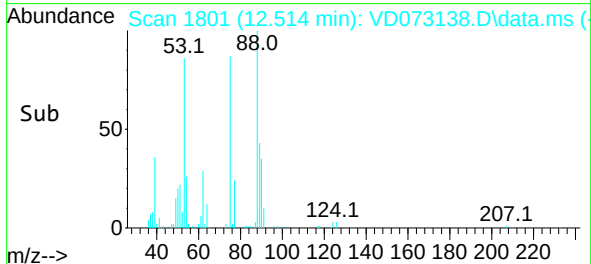
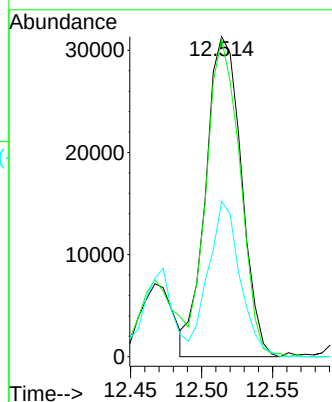
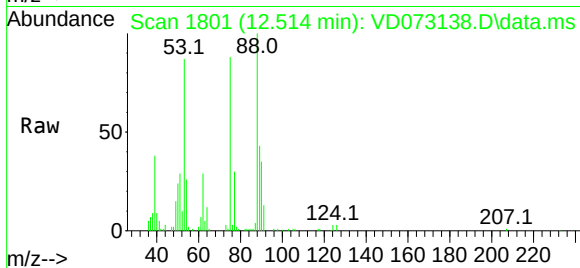




#81
trans-1,4-Dichloro-2-butene
Concen: 45.407 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

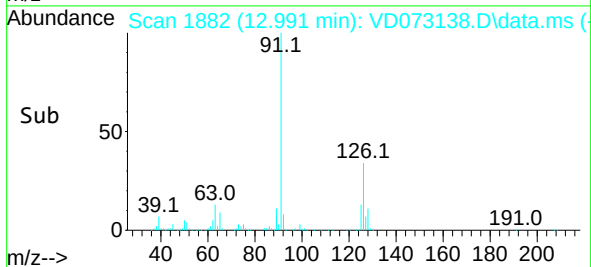
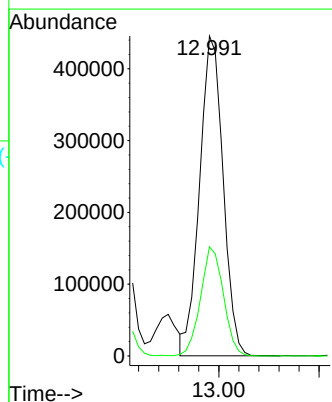
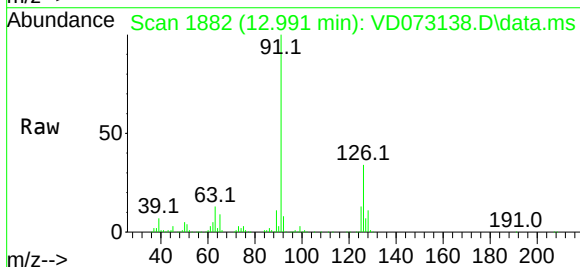
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

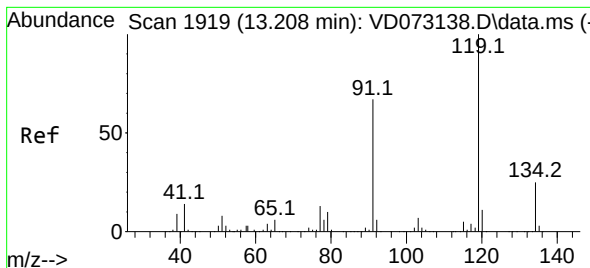
Tgt Ion: 75 Resp: 54563
Ion Ratio Lower Upper
75 100
53 93.1 86.5 129.7
89 43.2 33.9 50.9



#82
4-Chlorotoluene
Concen: 47.653 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 91 Resp: 724018
Ion Ratio Lower Upper
91 100
126 33.4 16.5 49.5





#83

tert-Butylbenzene

Concen: 48.594 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

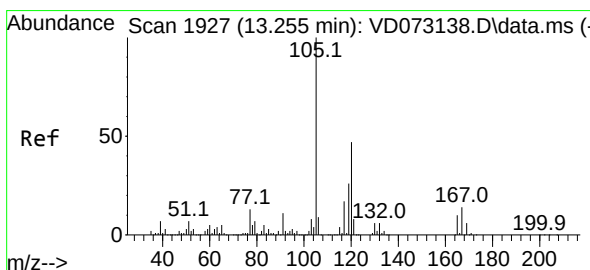
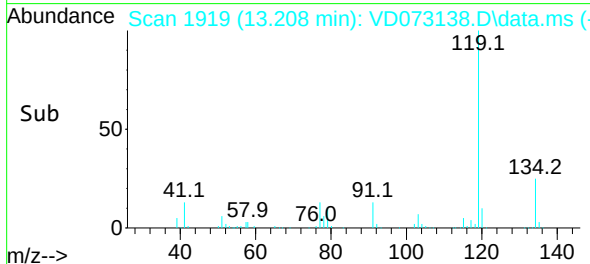
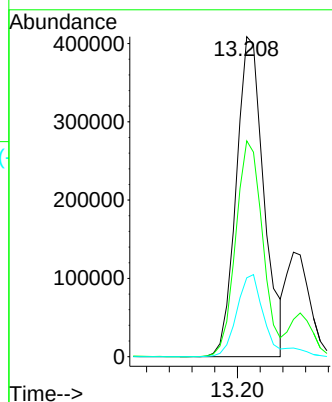
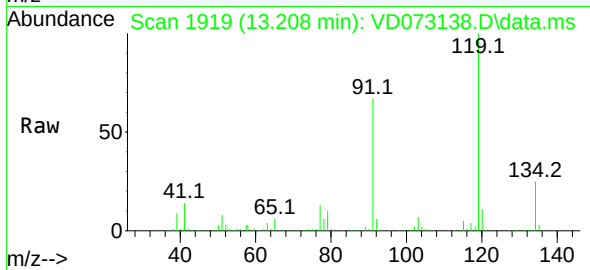
Tgt Ion:119 Resp: 689437

Ion Ratio Lower Upper

119 100

91 65.9 34.8 104.5

134 26.4 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 48.392 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073138.D

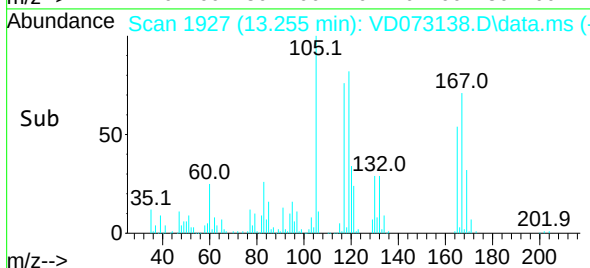
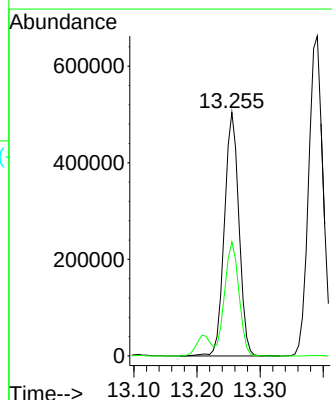
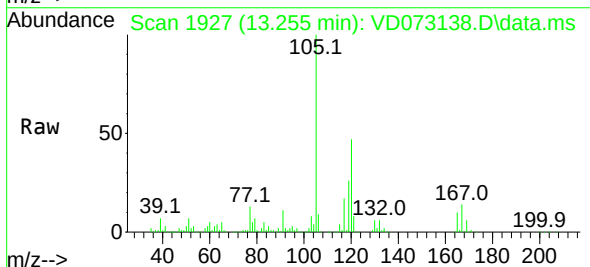
Acq: 19 May 2022 14:05

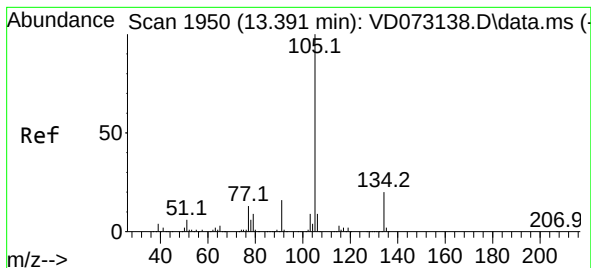
Tgt Ion:105 Resp: 802910

Ion Ratio Lower Upper

105 100

120 46.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 48.551 ug/l

RT: 13.391 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

Instrument :

MSVOA_D

ClientSampleId :

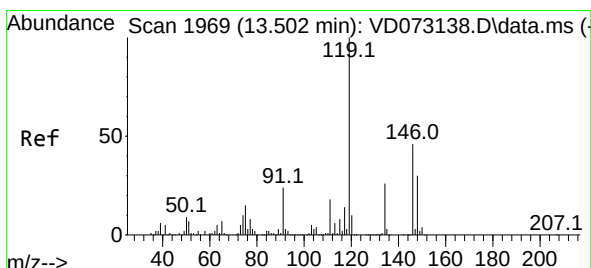
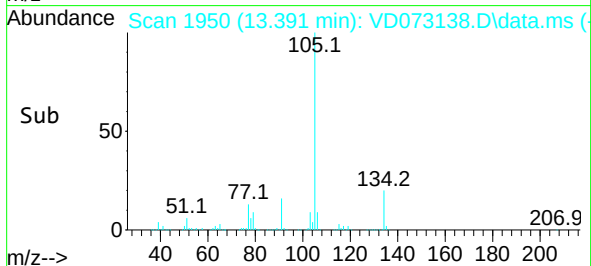
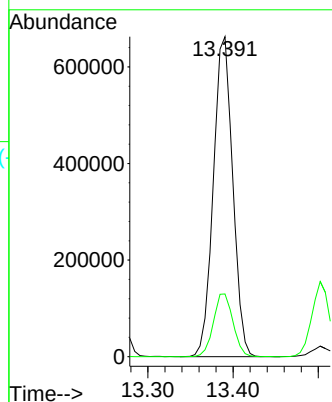
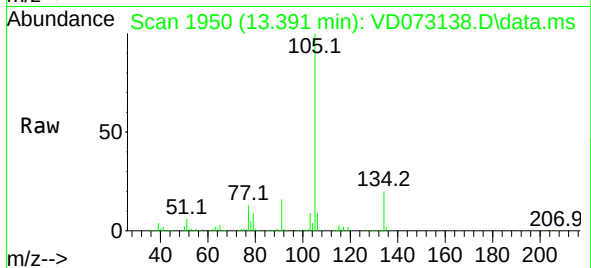
VSTDICCC050

Tgt Ion:105 Resp: 1046374

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 49.301 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

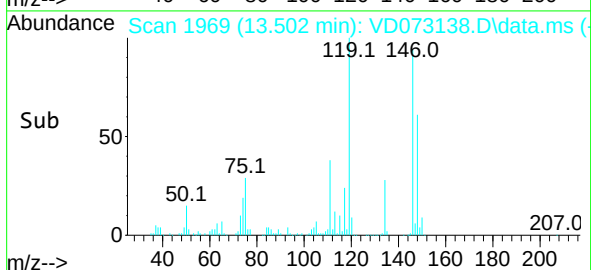
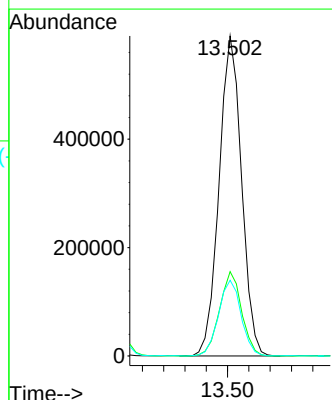
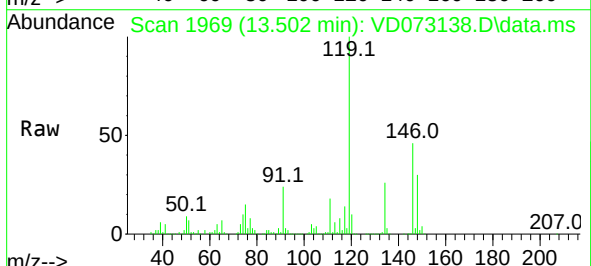
Tgt Ion:119 Resp: 863026

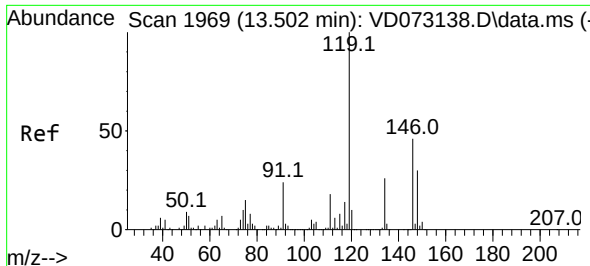
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 23.7 12.1 36.3

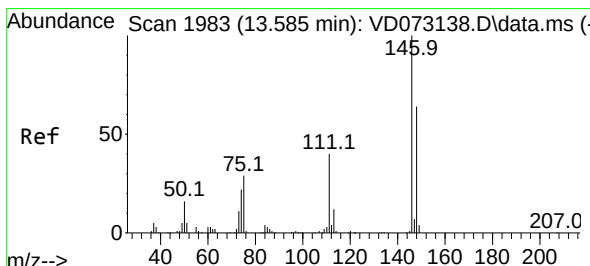
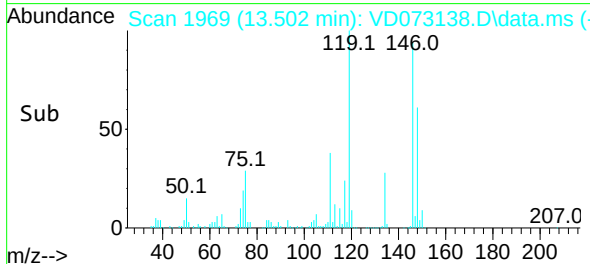
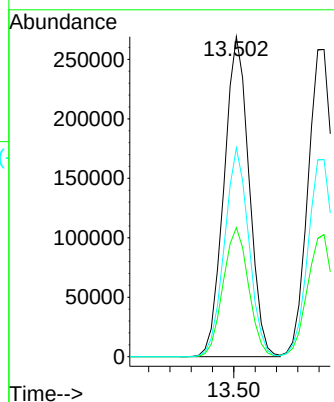
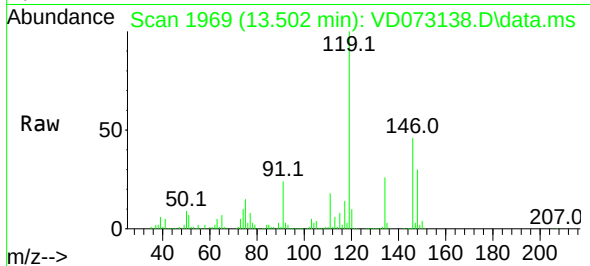




#87
 1,3-Dichlorobenzene
 Concen: 45.938 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073138.D
 Acq: 19 May 2022 14:05

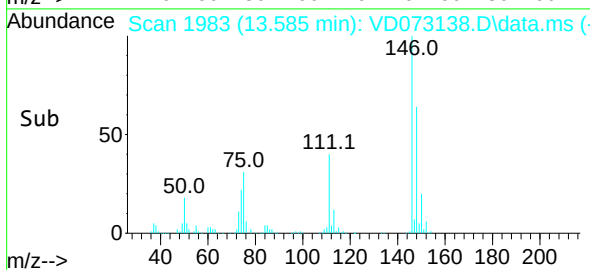
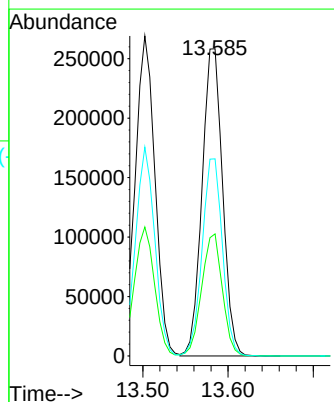
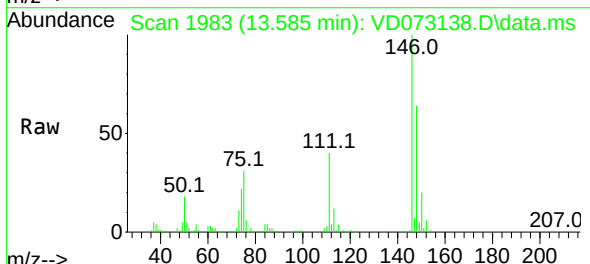
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

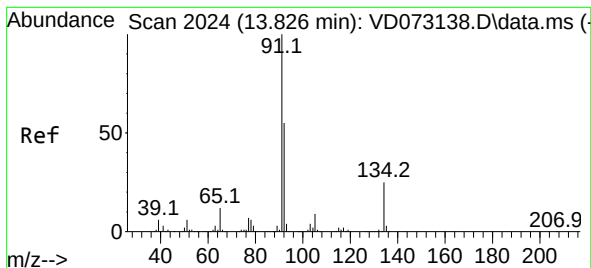
Tgt Ion:146 Resp: 439621
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.4 61.3
 148 63.5 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 45.769 ug/l
 RT: 13.585 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VD073138.D
 Acq: 19 May 2022 14:05

Tgt Ion:146 Resp: 433491
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.3 60.9
 148 63.5 31.7 95.1





#89

n-Butylbenzene

Concen: 48.708 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

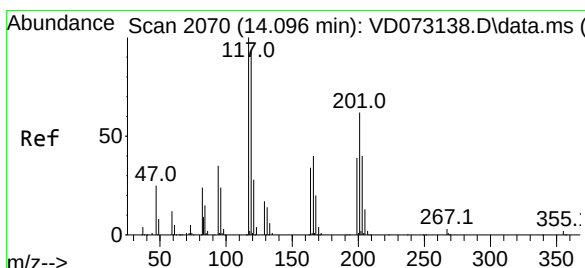
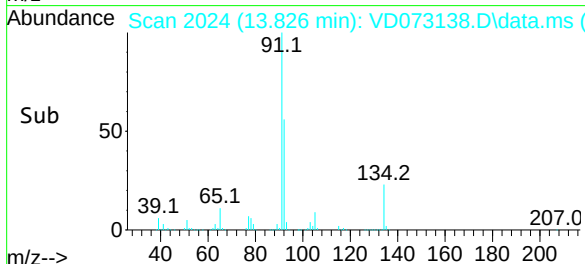
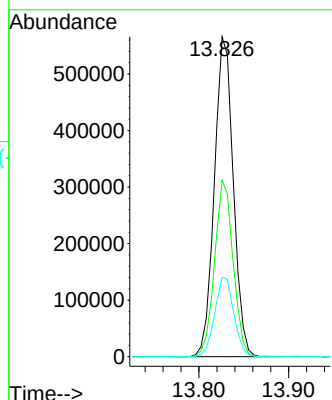
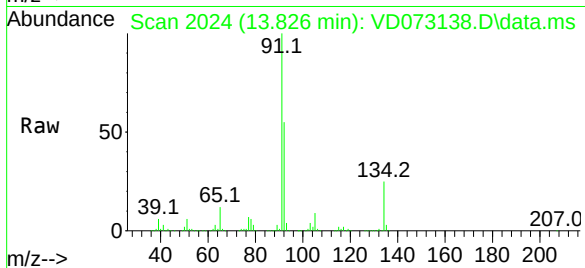
Tgt Ion: 91 Resp: 828449

Ion Ratio Lower Upper

91 100

92 54.1 26.6 79.8

134 25.1 12.3 36.9



#90

Hexachloroethane

Concen: 46.491 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073138.D

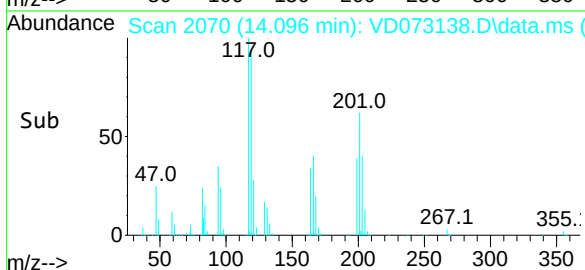
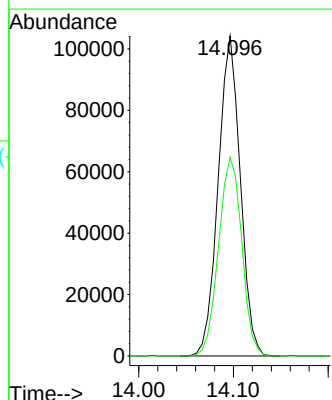
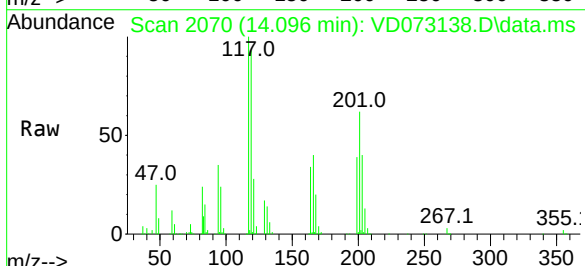
Acq: 19 May 2022 14:05

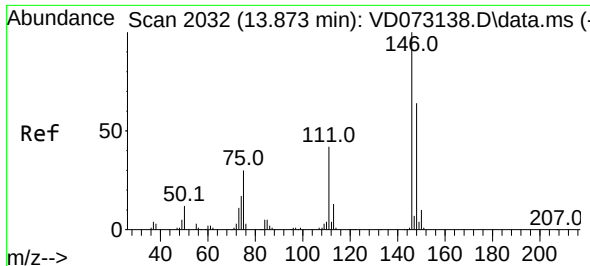
Tgt Ion: 117 Resp: 169259

Ion Ratio Lower Upper

117 100

201 65.0 33.4 100.2

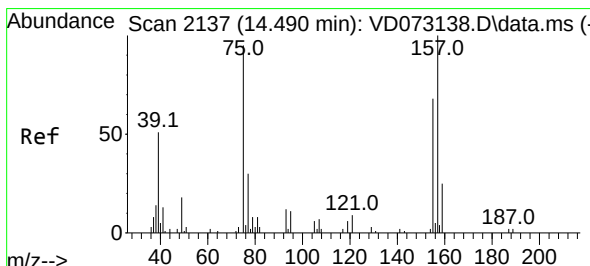
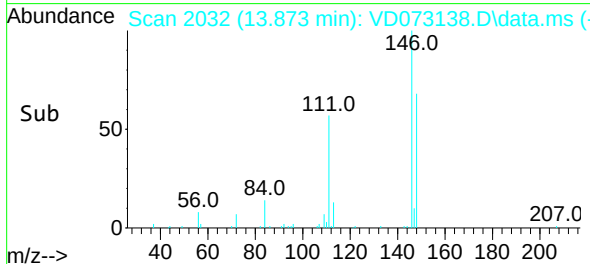
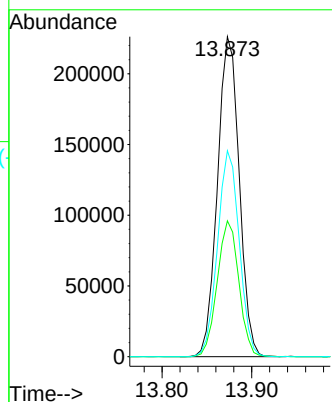
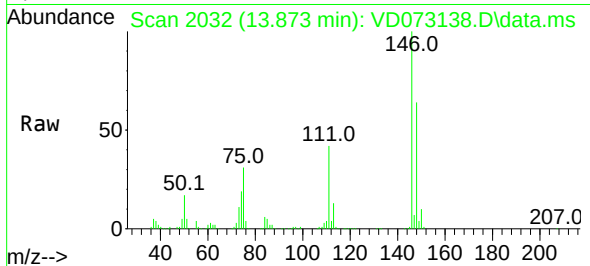




#91
1,2-Dichlorobenzene
Concen: 45.927 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

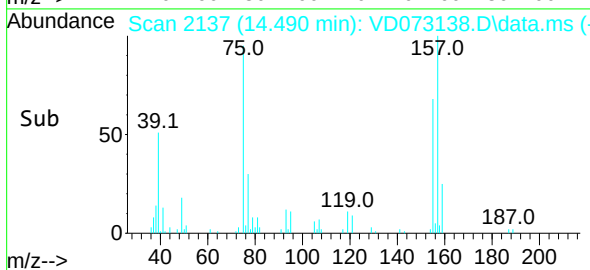
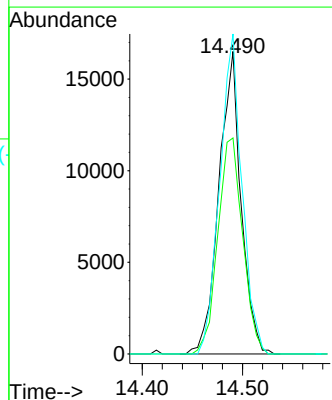
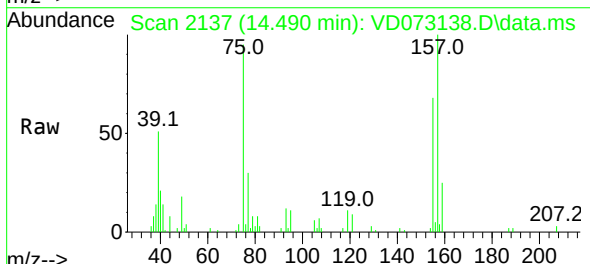
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

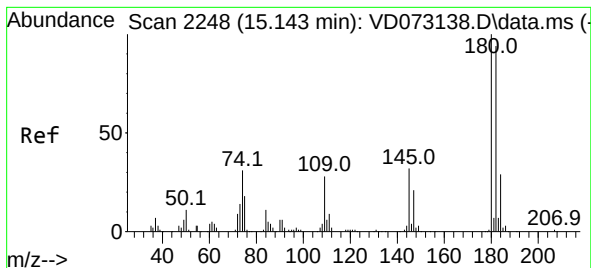
Tgt Ion:146 Resp: 381321
Ion Ratio Lower Upper
146 100
111 42.1 21.1 63.3
148 64.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.963 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073138.D
Acq: 19 May 2022 14:05

Tgt Ion: 75 Resp: 25383
Ion Ratio Lower Upper
75 100
155 79.8 36.8 110.3
157 105.8 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 47.345 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

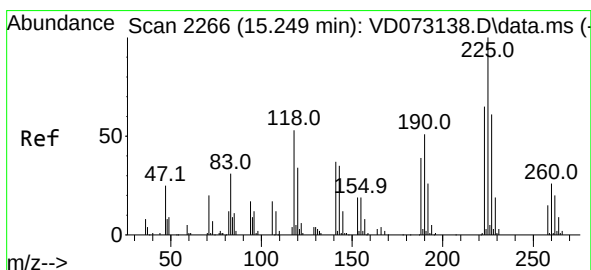
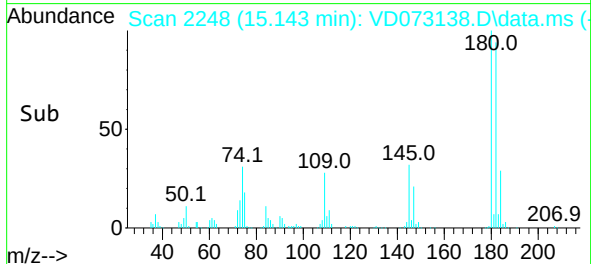
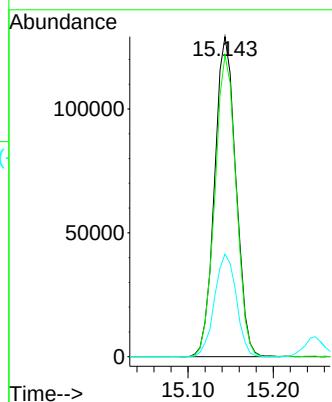
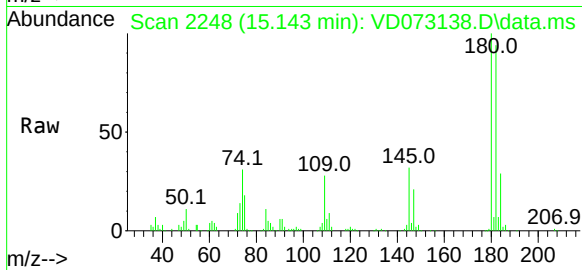
Tgt Ion:180 Resp: 224126

Ion Ratio Lower Upper

180 100

182 93.8 47.3 142.0

145 32.8 16.2 48.5



#94

Hexachlorobutadiene

Concen: 44.363 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

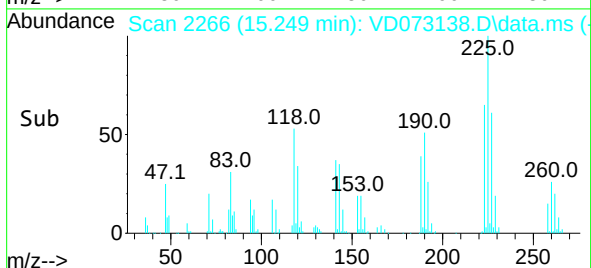
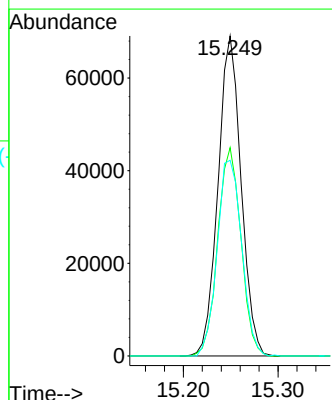
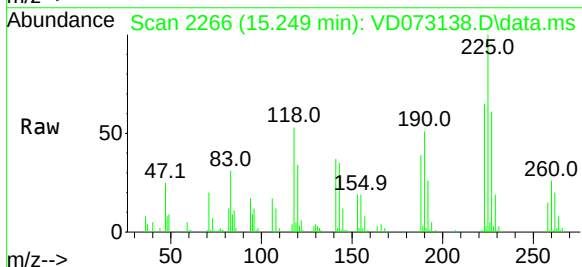
Tgt Ion:225 Resp: 117205

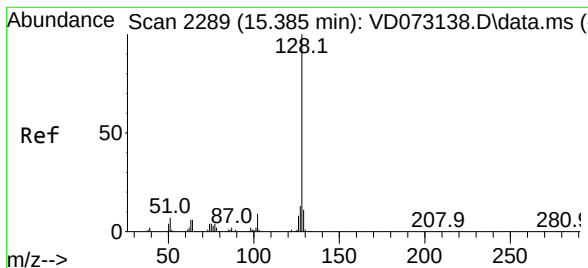
Ion Ratio Lower Upper

225 100

223 65.4 31.1 93.2

227 65.0 32.4 97.0





#95

Naphthalene

Concen: 47.054 ug/l

RT: 15.385 min Scan# 2289

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

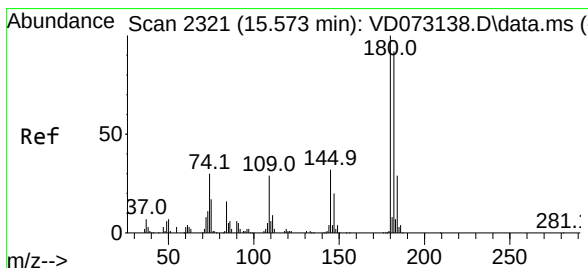
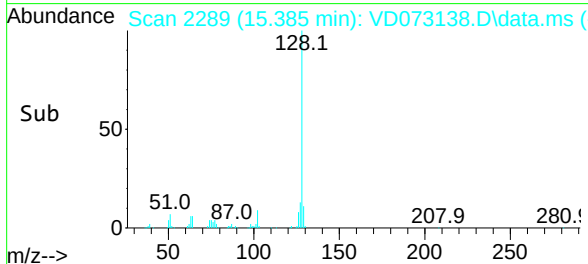
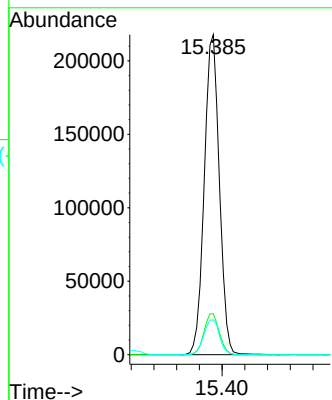
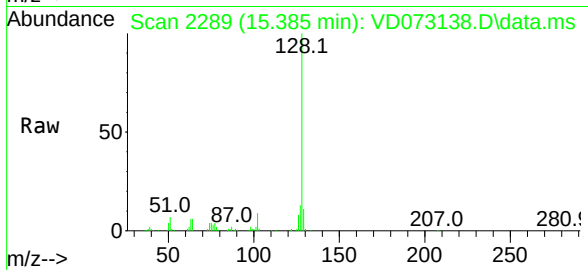
Tgt Ion:128 Resp: 399697

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.3 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 47.049 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. 0.000 min

Lab File: VD073138.D

Acq: 19 May 2022 14:05

Tgt Ion:180 Resp: 197484

Ion Ratio Lower Upper

180 100

182 94.2 47.6 142.9

145 33.3 17.1 51.3

