

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010923\
 Data File : VD075090.D
 Acq On : 09 Jan 2023 13:26
 Operator : KP/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jan 10 03:01:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 02:58:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	101357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	170140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	147082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	64892	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	48344	47.575	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.160%
35) Dibromofluoromethane	7.810	113	51949	48.540	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.080%
50) Toluene-d8	10.269	98	199605	47.038	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.080%
62) 4-Bromofluorobenzene	12.575	95	62297	45.737	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	21987	40.098	ug/l	100
3) Chloromethane	2.146	50	35089	40.782	ug/l	100
4) Vinyl Chloride	2.287	62	40829	43.550	ug/l	100
5) Bromomethane	2.693	94	26364	41.792	ug/l	100
6) Chloroethane	2.834	64	31093	44.073	ug/l	100
7) Trichlorofluoromethane	3.175	101	59913	44.853	ug/l	100
8) Diethyl Ether	3.593	74	22294	48.089	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.969	101	42661	46.034	ug/l	100
10) Methyl Iodide	4.169	142	45869	49.028	ug/l	100
11) Tert butyl alcohol	5.046	59	16237	278.140	ug/l	100
12) 1,1-Dichloroethene	3.946	96	38657	44.980	ug/l	100
13) Acrolein	3.793	56	20516	221.909	ug/l	100
14) Allyl chloride	4.563	41	67084	45.596	ug/l	96
15) Acrylonitrile	5.257	53	59376	248.447	ug/l	100
16) Acetone	4.022	43	56685	235.431	ug/l	100
17) Carbon Disulfide	4.269	76	71070	42.240	ug/l	100
18) Methyl Acetate	4.563	43	29140	40.612	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	110885	49.262	ug/l	100
20) Methylene Chloride	4.805	84	62693	36.684	ug/l	100
21) trans-1,2-Dichloroethene	5.310	96	43091	45.727	ug/l	100
22) Diisopropyl ether	6.222	45	155255	49.302	ug/l	100
23) Vinyl Acetate	6.157	43	242409	248.759	ug/l	100
24) 1,1-Dichloroethane	6.116	63	88818	46.902	ug/l	100
25) 2-Butanone	7.087	43	76440	239.670	ug/l	100
26) 2,2-Dichloropropane	7.075	77	78730	46.356	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	57587	48.403	ug/l	100
28) Bromochloromethane	7.434	49	32870	50.044	ug/l	100
29) Tetrahydrofuran	7.446	42	43363	241.673	ug/l	100
30) Chloroform	7.599	83	91306	47.581	ug/l	100
31) Cyclohexane	7.881	56	62356	41.569	ug/l	100
32) 1,1,1-Trichloroethane	7.793	97	76254	46.311	ug/l	100
36) 1,1-Dichloropropene	8.010	75	60243	45.496	ug/l	100
37) Ethyl Acetate	7.169	43	31294	42.301	ug/l	99
38) Carbon Tetrachloride	7.993	117	56453	48.663	ug/l	100
39) Methylcyclohexane	9.275	83	68325	44.612	ug/l	100
40) Benzene	8.251	78	184235	46.634	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	20946	48.771	ug/l	100
42) 1,2-Dichloroethane	8.328	62	52742	47.638	ug/l	100
43) Isopropyl Acetate	8.363	43	62991	49.435	ug/l	100
44) Trichloroethene	9.034	130	52136	45.916	ug/l	100
45) 1,2-Dichloropropane	9.304	63	50915	47.297	ug/l	100
46) Dibromomethane	9.393	93	26469	48.651	ug/l	100
47) Bromodichloromethane	9.587	83	69506	48.922	ug/l	100
48) Methyl methacrylate	9.381	41	27299	47.549	ug/l	100
49) 1,4-Dioxane	9.387	88	6189	1044.540	ug/l	100
51) 4-Methyl-2-Pentanone	10.157	43	157369	244.577	ug/l	100
52) Toluene	10.334	92	117937	46.047	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	61598	47.437	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	77470	48.710	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	39359	49.672	ug/l	100
56) Ethyl methacrylate	10.598	69	46663	48.752	ug/l	100
57) 1,3-Dichloropropane	10.881	76	63065	47.910	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	90245	249.742	ug/l	100
59) 2-Hexanone	10.922	43	110330	245.135	ug/l	100
60) Dibromochloromethane	11.075	129	45658	48.664	ug/l	100
61) 1,2-Dibromoethane	11.181	107	33673	46.804	ug/l	100
64) Tetrachloroethene	10.810	164	42618	45.186	ug/l	100
65) Chlorobenzene	11.610	112	130979	47.312	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	47952	49.019	ug/l	100
67) Ethyl Benzene	11.687	91	231772	47.017	ug/l	100
68) m/p-Xylenes	11.798	106	175787	92.512	ug/l	100
69) o-Xylene	12.122	106	85500	46.427	ug/l	100
70) Styrene	12.139	104	145360	47.228	ug/l	100
71) Bromoform	12.304	173	25791	49.053	ug/l #	100
73) Isopropylbenzene	12.422	105	232376	47.894	ug/l	100
74) N-amyl acetate	12.239	43	55443	50.308	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.675	83	41211	49.560	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	51181	75.367	ug/l	41
77) Bromobenzene	12.704	156	51479	48.466	ug/l	100
78) n-propylbenzene	12.763	91	277905	47.757	ug/l	100
79) 2-Chlorotoluene	12.851	91	151922	47.505	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	184976	46.994	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	11606	49.779	ug/l	100
82) 4-Chlorotoluene	12.951	91	154655	47.211	ug/l	100
83) tert-Butylbenzene	13.169	119	166955	48.059	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	181966	47.835	ug/l	100
85) sec-Butylbenzene	13.345	105	252081	47.890	ug/l	100
86) p-Isopropyltoluene	13.463	119	202678	47.668	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	99979	47.275	ug/l	100
88) 1,4-Dichlorobenzene	13.539	146	101085	47.268	ug/l	100
89) n-Butylbenzene	13.792	91	198255	47.411	ug/l	100
90) Hexachloroethane	14.057	117	35918	48.464	ug/l	100
91) 1,2-Dichlorobenzene	13.833	146	89000	47.018	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6186	46.260	ug/l	100
93) 1,2,4-Trichlorobenzene	15.104	180	59359	48.498	ug/l	100
94) Hexachlorobutadiene	15.210	225	29846	48.916	ug/l	100
95) Naphthalene	15.333	128	119021	49.523	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	51740	48.938	ug/l	100

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QLast Update : Tue Jan 10 02:58:35 2023
Response via : Initial Calibration

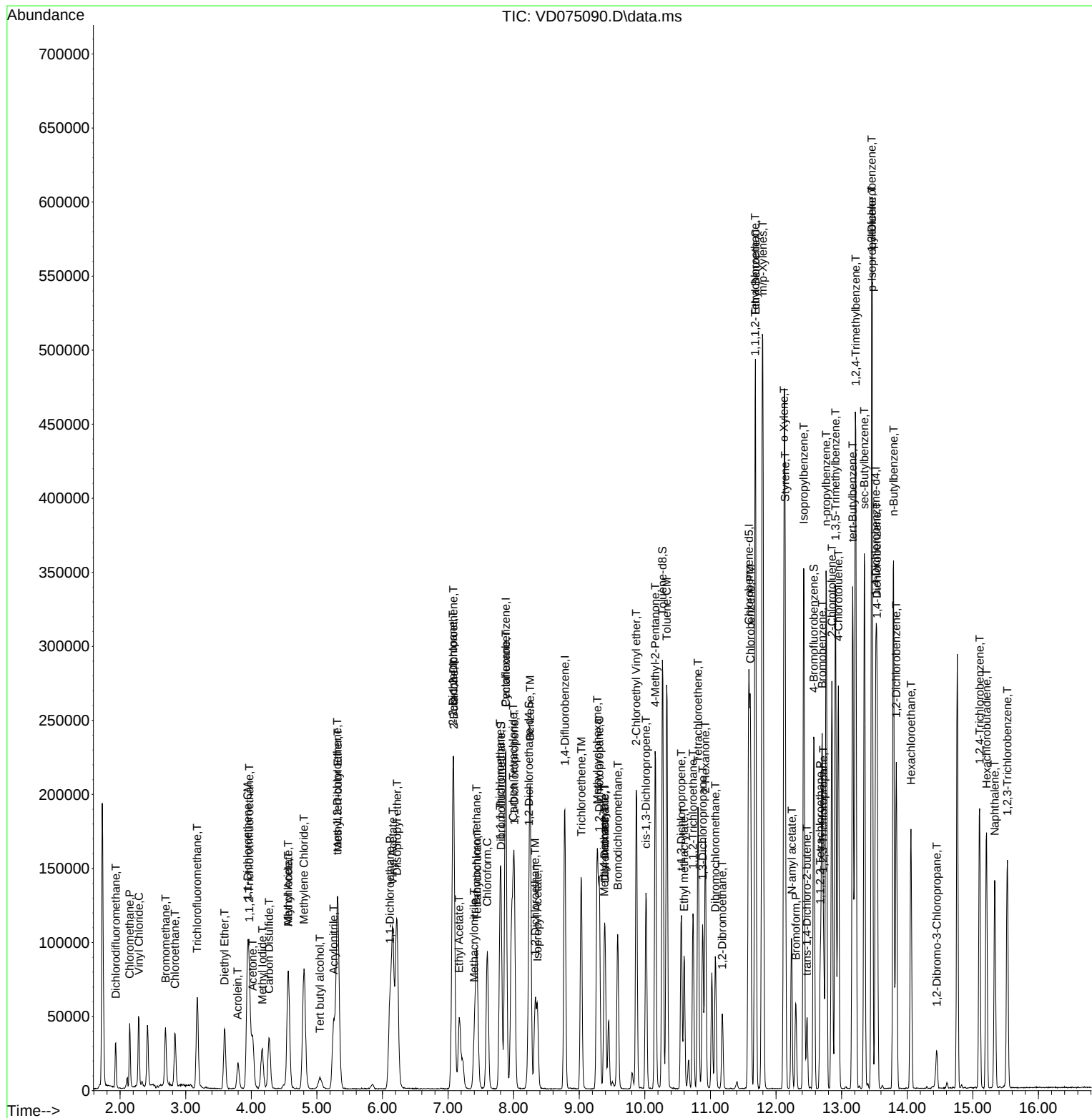
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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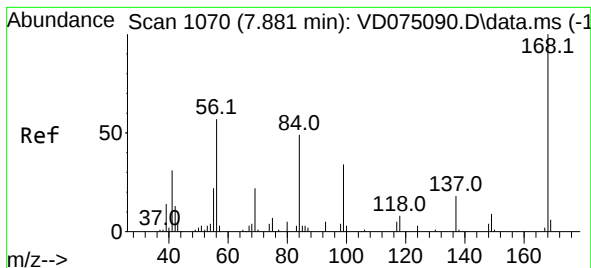
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075090.D

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Instrument :

MSVOA_D

ClientSampleId :

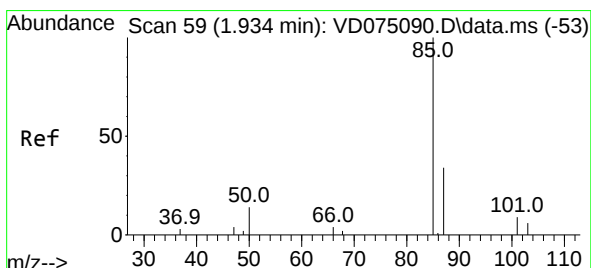
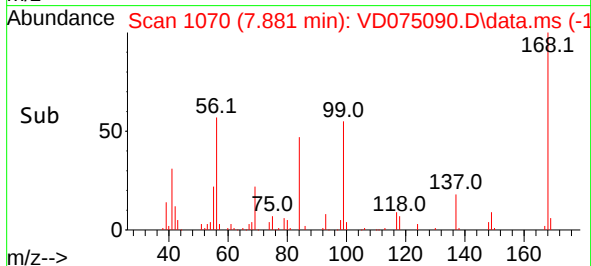
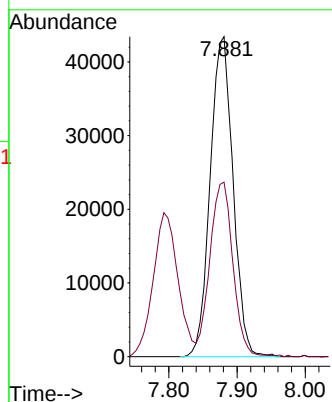
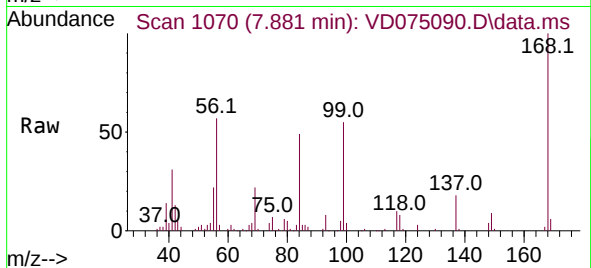
VSTDICCC050

Tgt Ion:168 Resp: 101357

Ion Ratio Lower Upper

168 100

99 54.0 43.2 64.8



#2

Dichlorodifluoromethane

Concen: 40.098 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD075090.D

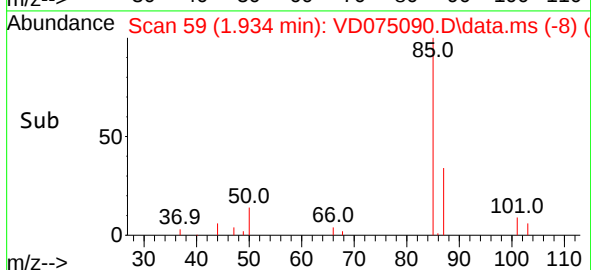
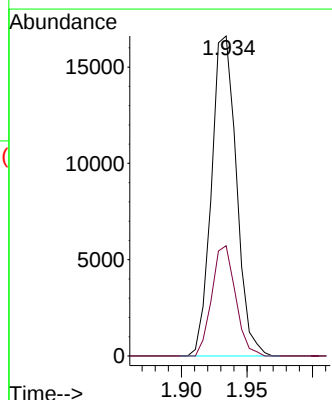
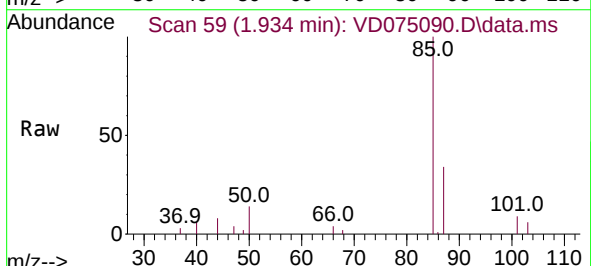
Acq: 09 Jan 2023 13:26

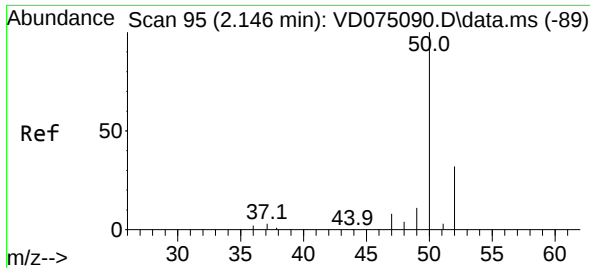
Tgt Ion: 85 Resp: 21987

Ion Ratio Lower Upper

85 100

87 34.4 17.2 51.6

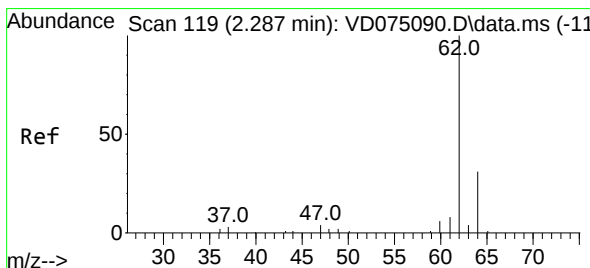
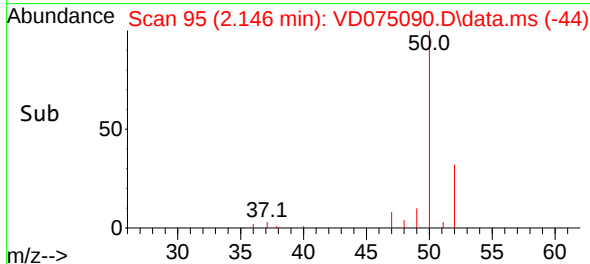
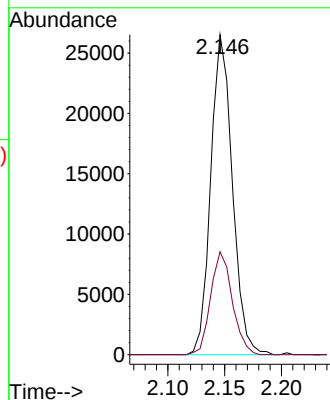
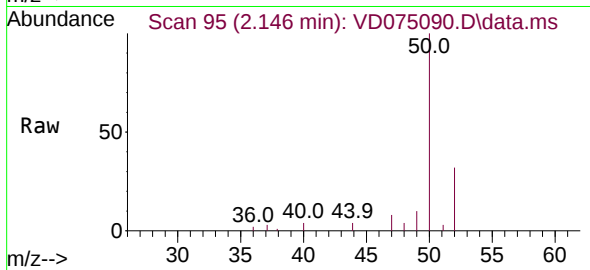




#3
Chloromethane
Concen: 40.782 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

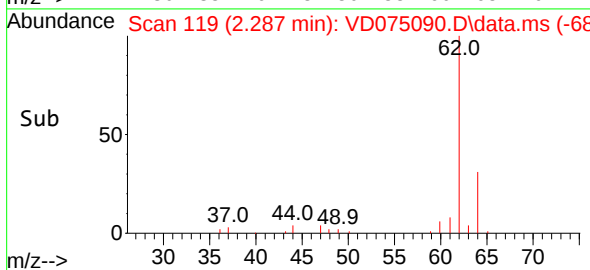
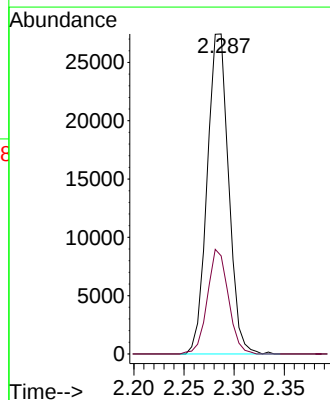
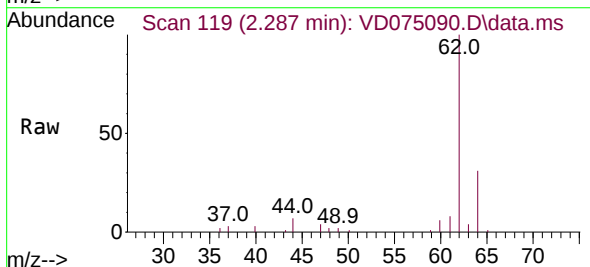
Instrument :
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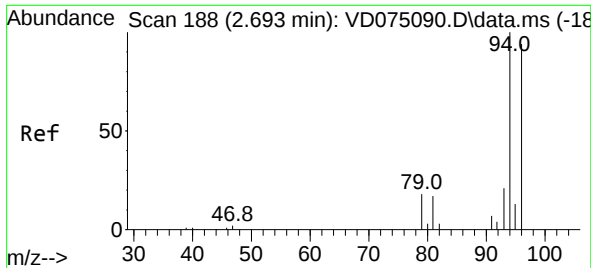
Tgt Ion: 50 Resp: 35089
Ion Ratio Lower Upper
50 100
52 32.1 25.7 38.5



#4
Vinyl Chloride
Concen: 43.550 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion: 62 Resp: 40829
Ion Ratio Lower Upper
62 100
64 30.6 24.5 36.7

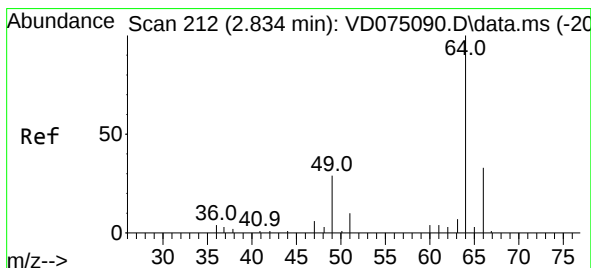
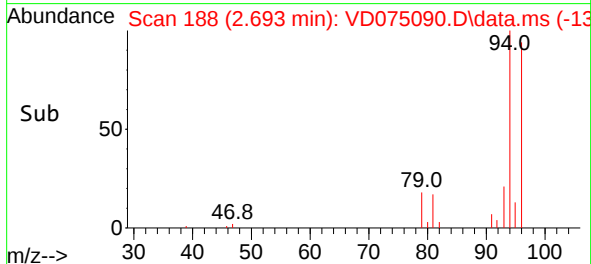
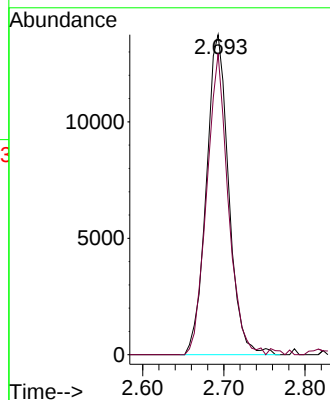
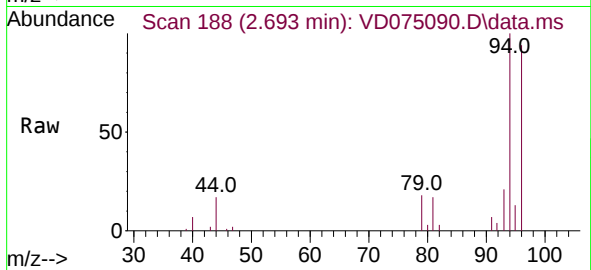




#5
Bromomethane
Concen: 41.792 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD075090.D
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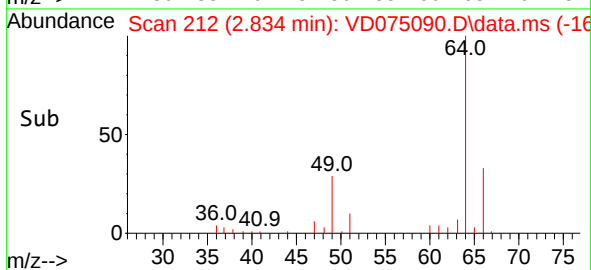
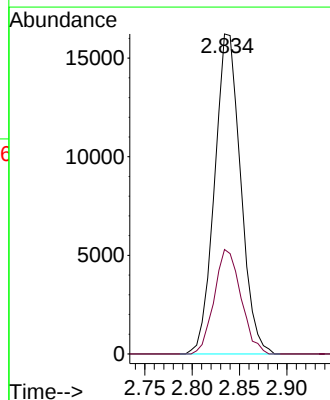
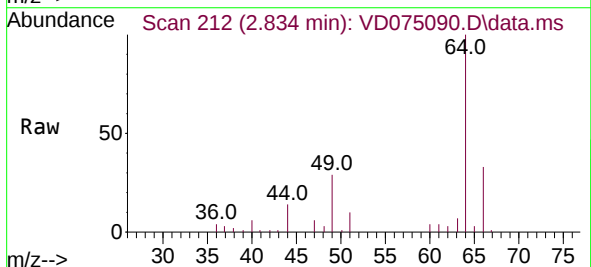
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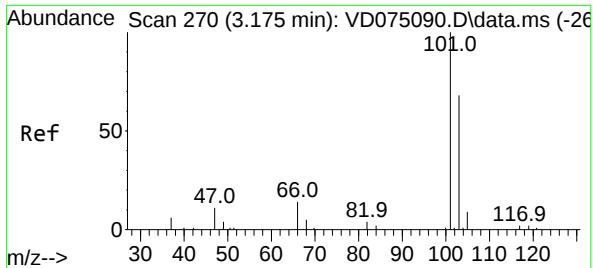
Tgt Ion: 94 Resp: 26364
Ion Ratio Lower Upper
94 100
96 90.6 72.5 108.7



#6
Chloroethane
Concen: 44.073 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion: 64 Resp: 31093
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.2

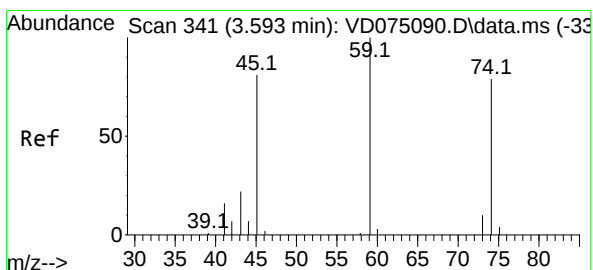
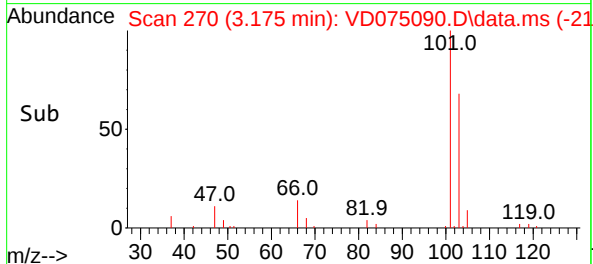
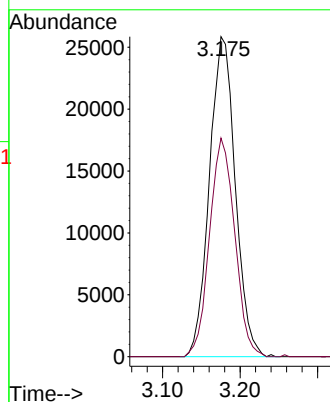
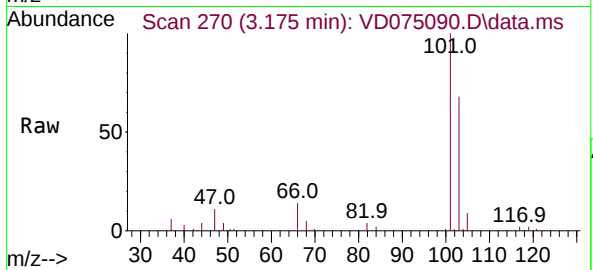




#7
Trichlorofluoromethane
Concen: 44.853 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

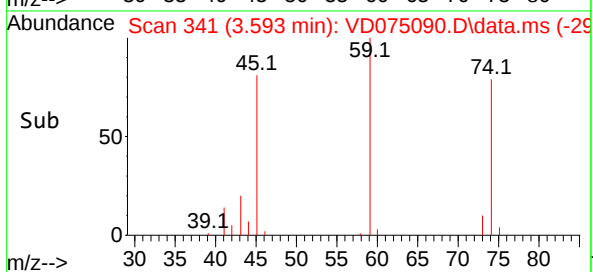
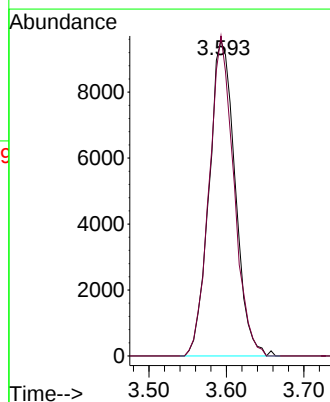
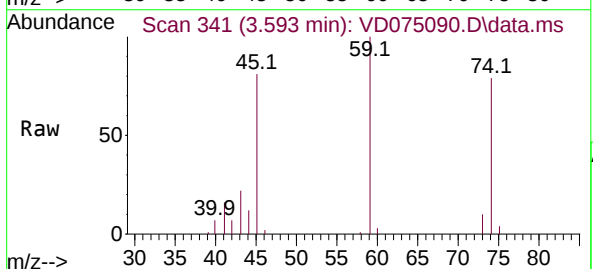
Instrument :
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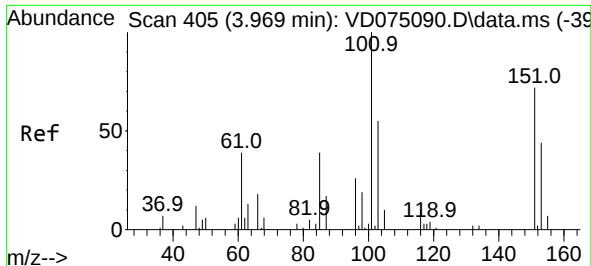
Tgt Ion:101 Resp: 59913
Ion Ratio Lower Upper
101 100
103 68.3 54.6 82.0



#8
Diethyl Ether
Concen: 48.089 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD075090.D
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Tgt Ion: 74 Resp: 22294
Ion Ratio Lower Upper
74 100
45 96.3 48.1 144.4

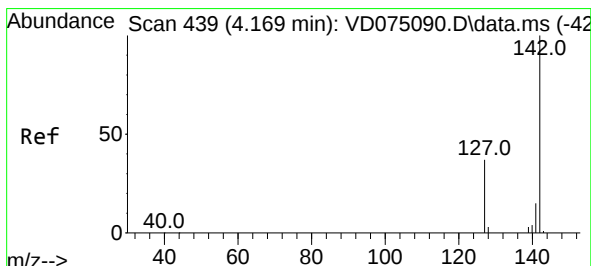
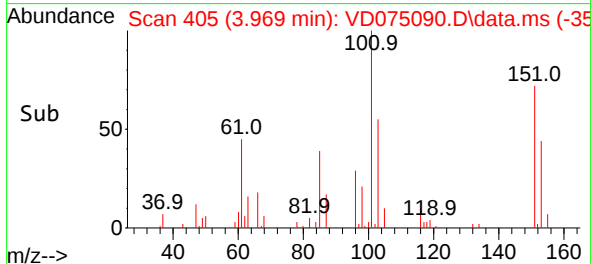
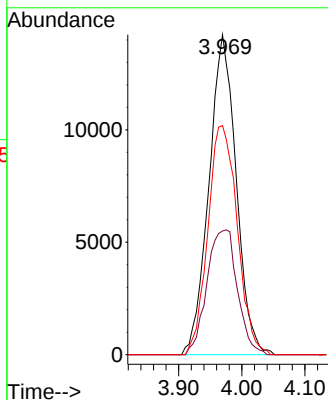
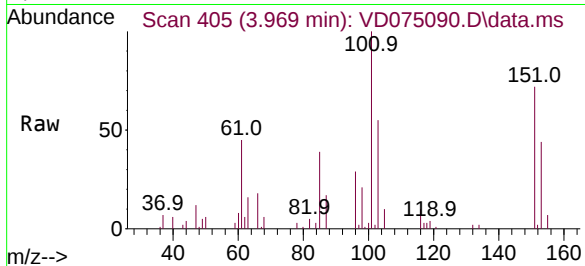




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.034 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

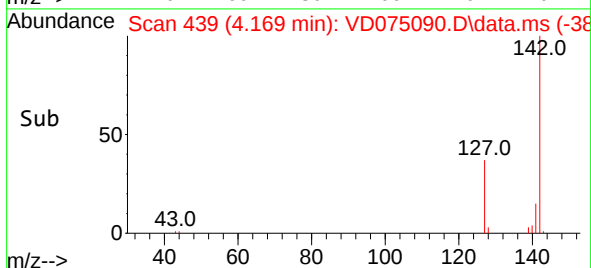
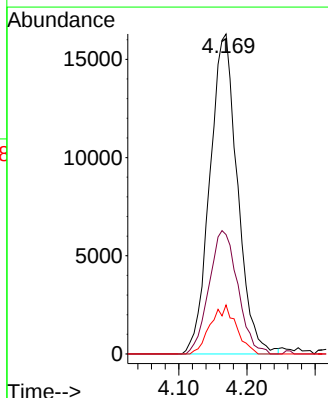
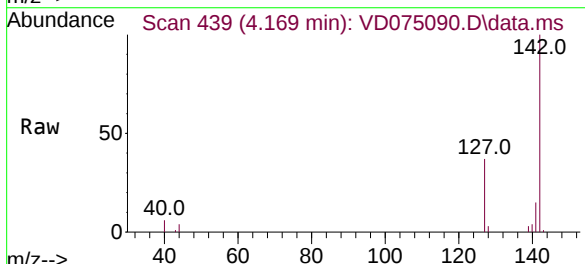
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

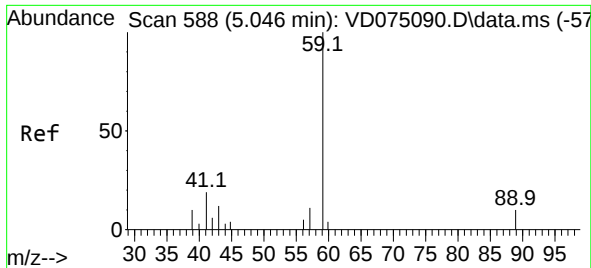
Tgt Ion:101 Resp: 42661
Ion Ratio Lower Upper
101 100
85 43.5 34.8 52.2
151 77.2 61.8 92.6



#10
Methyl Iodide
Concen: 49.028 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion:142 Resp: 45869
Ion Ratio Lower Upper
142 100
127 40.2 32.2 48.2
141 14.3 11.4 17.2

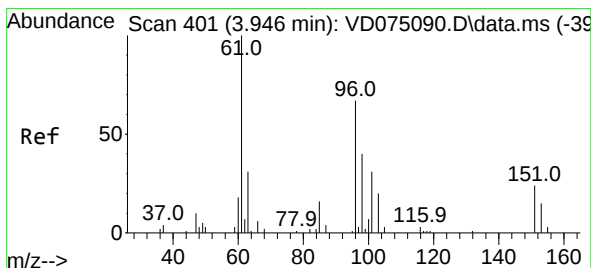
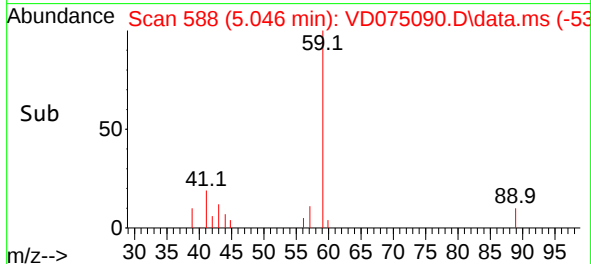
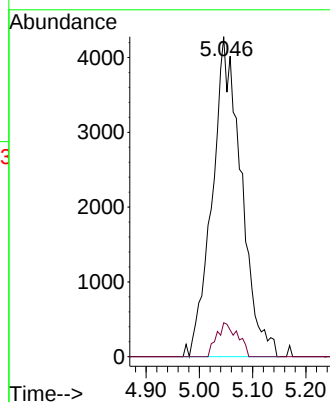
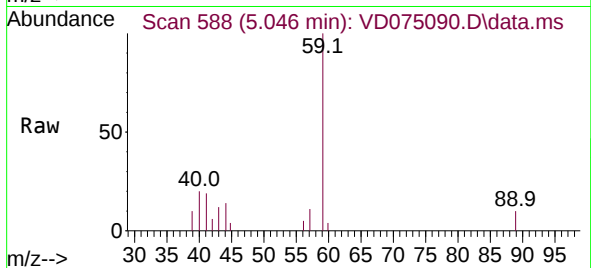




#11
Tert butyl alcohol
Concen: 278.140 ug/l
RT: 5.046 min Scan# 588
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

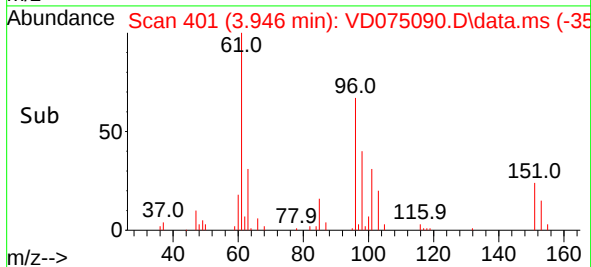
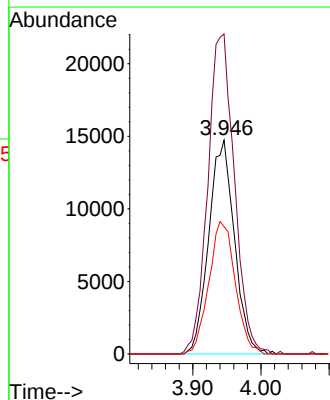
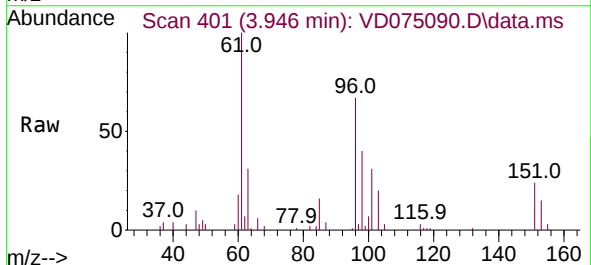
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

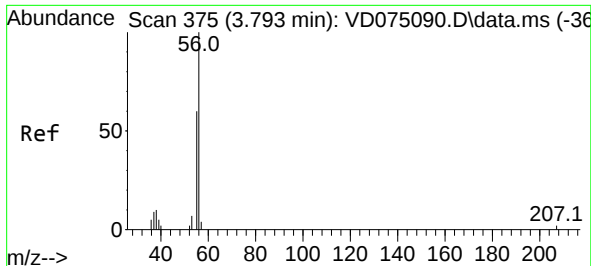
Tgt Ion: 59 Resp: 16237
Ion Ratio Lower Upper
59 100
57 7.6 6.1 9.1



#12
1,1-Dichloroethene
Concen: 44.980 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion: 96 Resp: 38657
Ion Ratio Lower Upper
96 100
61 149.7 119.8 179.6
98 59.6 47.7 71.5





#13

Acrolein

Concen: 221.909 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

Instrument :

MSVOA_D

ClientSampleId :

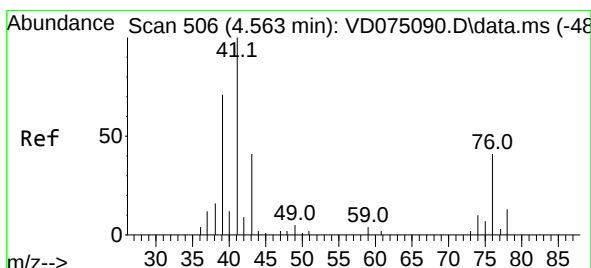
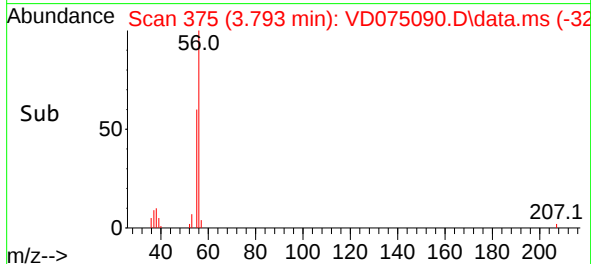
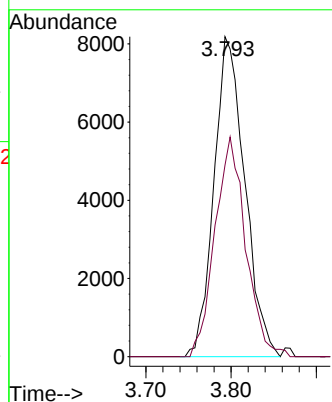
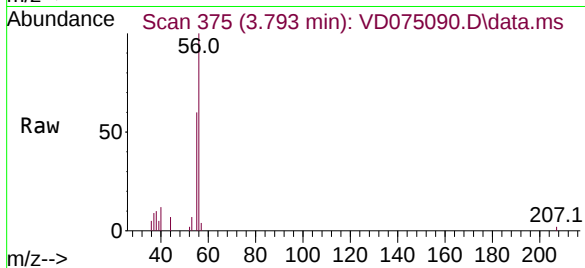
VSTDICCC050

Tgt Ion: 56 Resp: 20516

Ion Ratio Lower Upper

56 100

55 68.8 55.0 82.6



#14

Allyl chloride

Concen: 45.596 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

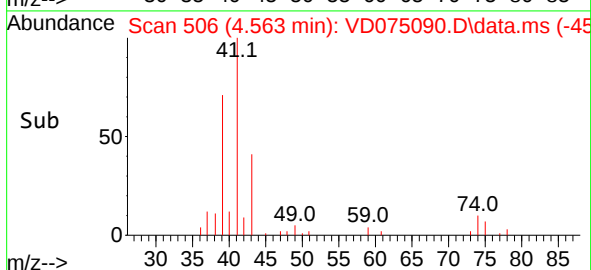
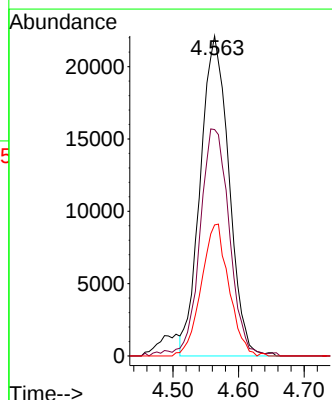
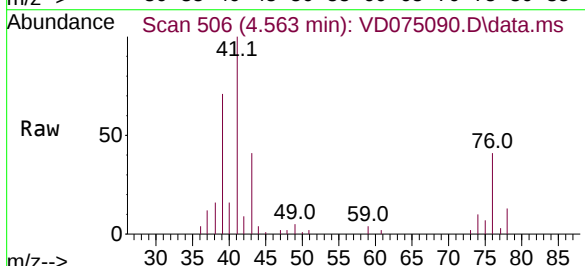
Tgt Ion: 41 Resp: 67084

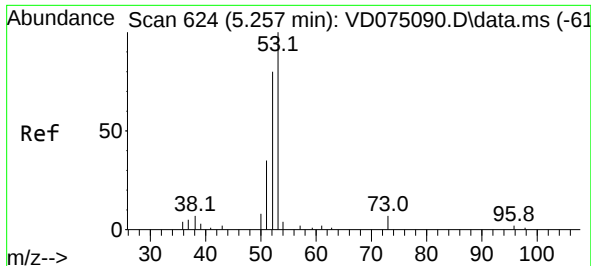
Ion Ratio Lower Upper

41 100

39 73.1 55.6 83.4

76 39.6 30.2 45.2

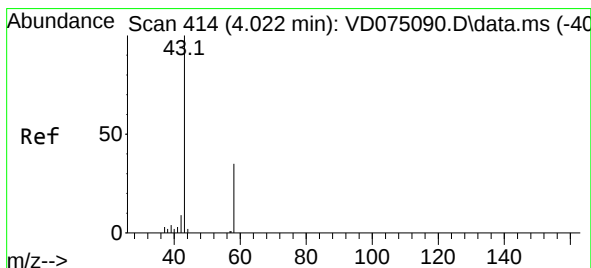
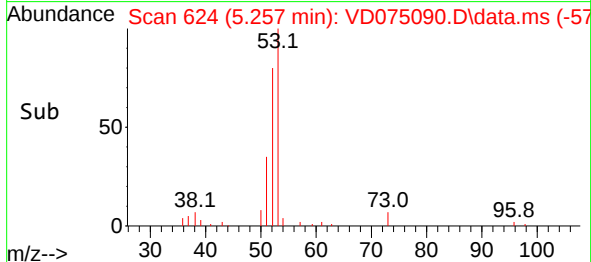
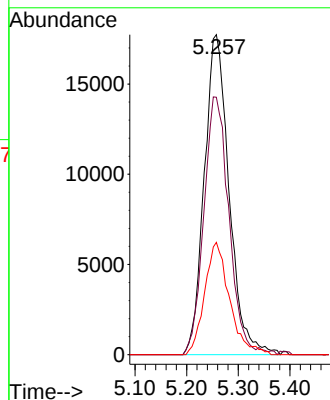
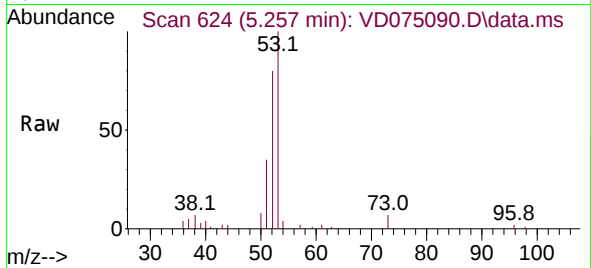




#15
Acrylonitrile
Concen: 248.447 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

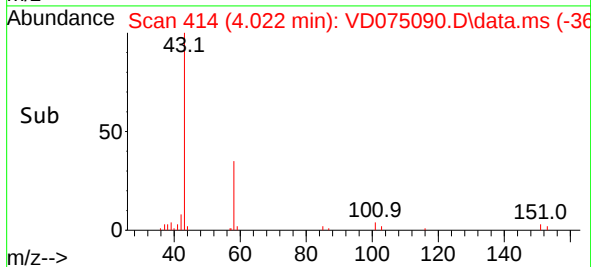
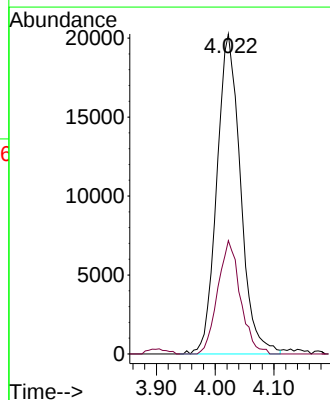
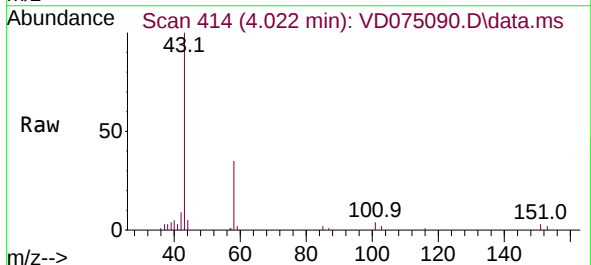
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

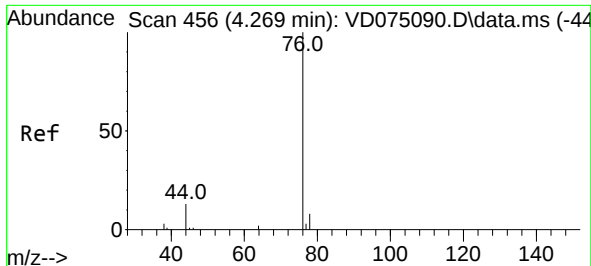
Tgt Ion: 53 Resp: 59376
Ion Ratio Lower Upper
53 100
52 81.4 65.1 97.7
51 35.2 28.2 42.2



#16
Acetone
Concen: 235.431 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion: 43 Resp: 56685
Ion Ratio Lower Upper
43 100
58 35.4 28.3 42.5





#17

Carbon Disulfide

Concen: 42.240 ug/l

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

Instrument :

MSVOA_D

ClientSampleId :

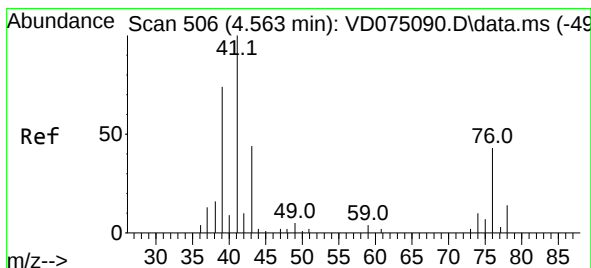
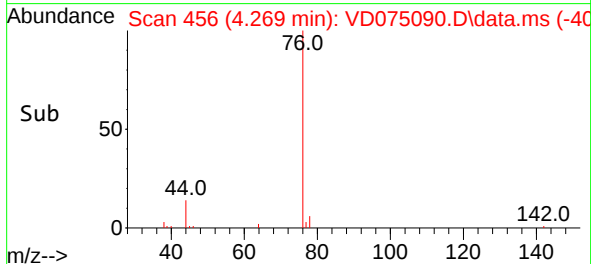
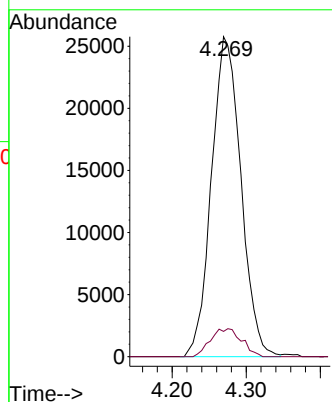
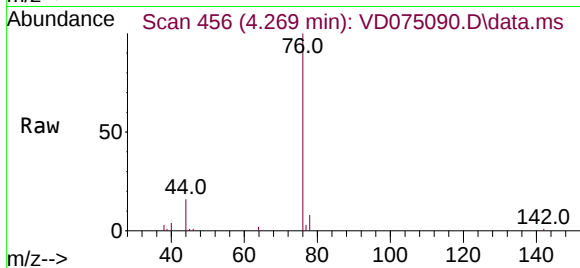
VSTDICCC050

Tgt Ion: 76 Resp: 71070

Ion Ratio Lower Upper

76 100

78 7.9 6.3 9.5



#18

Methyl Acetate

Concen: 40.612 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD075090.D

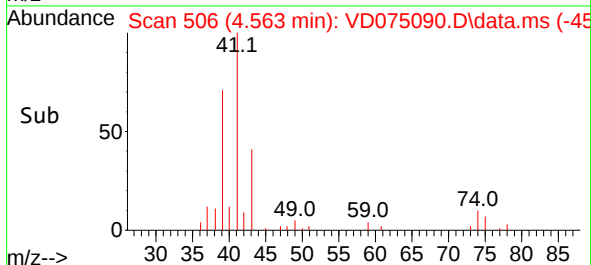
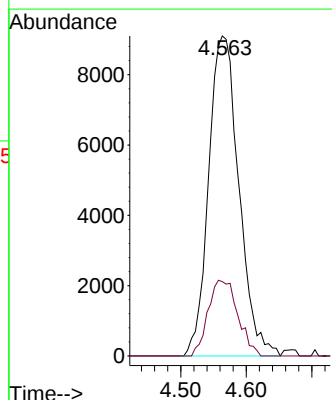
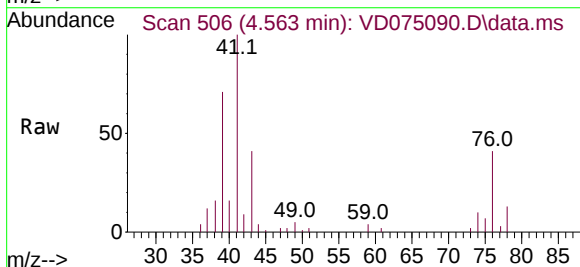
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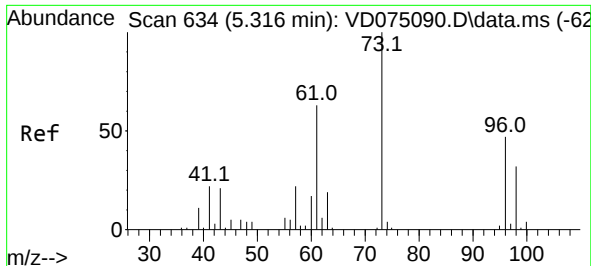
Tgt Ion: 43 Resp: 29140

Ion Ratio Lower Upper

43 100

74 23.2 18.6 27.8

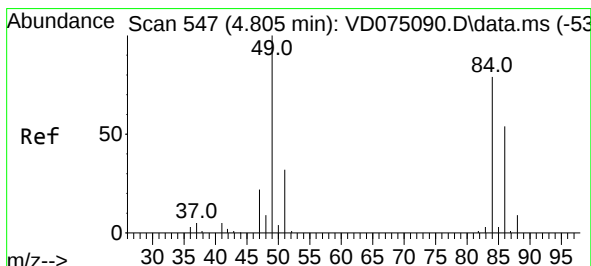
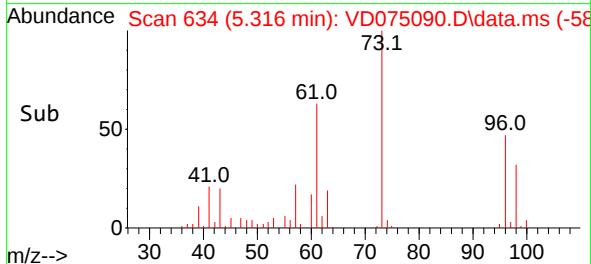
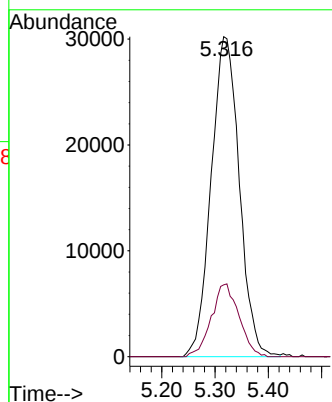
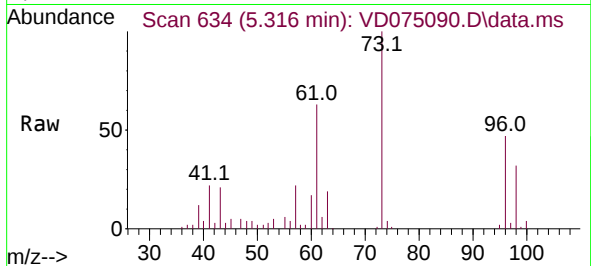




#19
Methyl tert-butyl Ether
Concen: 49.262 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

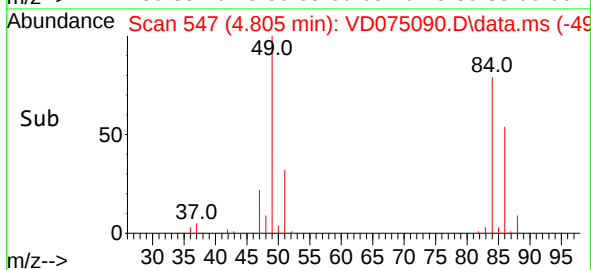
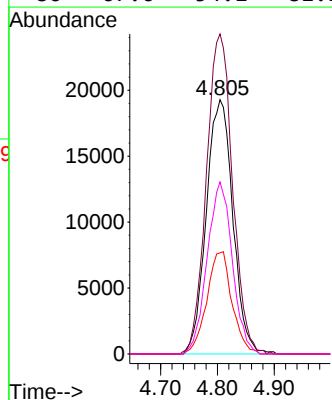
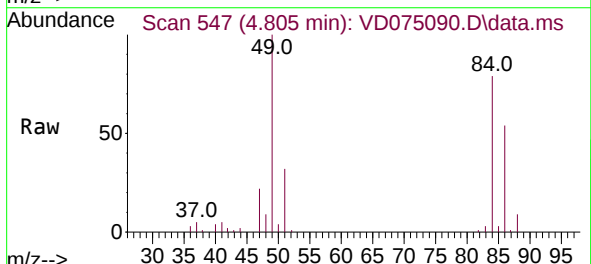
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

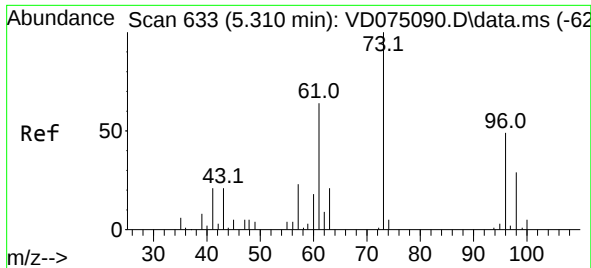
Tgt Ion: 73 Resp: 110885
Ion Ratio Lower Upper
73 100
57 22.5 18.0 27.0



#20
Methylene Chloride
Concen: 36.684 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion: 84 Resp: 62693
Ion Ratio Lower Upper
84 100
49 125.8 100.6 151.0
51 39.8 31.8 47.8
86 67.6 54.1 81.1

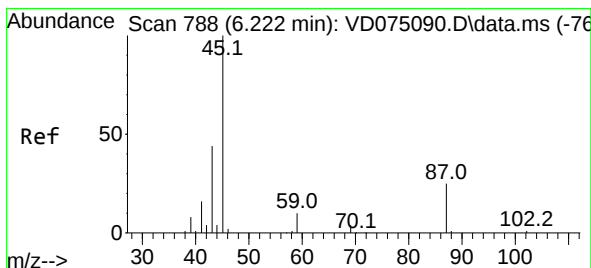
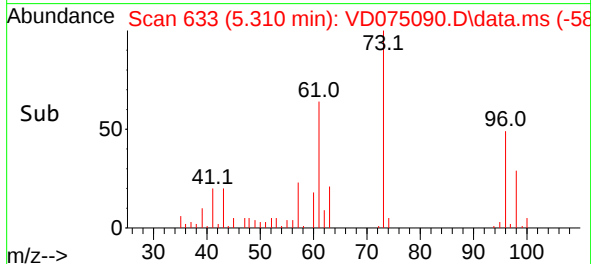
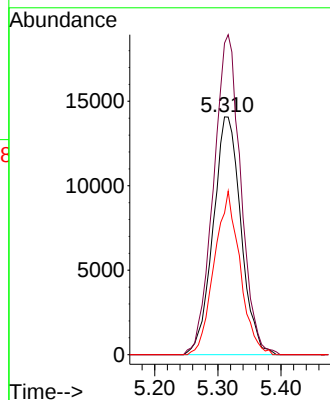
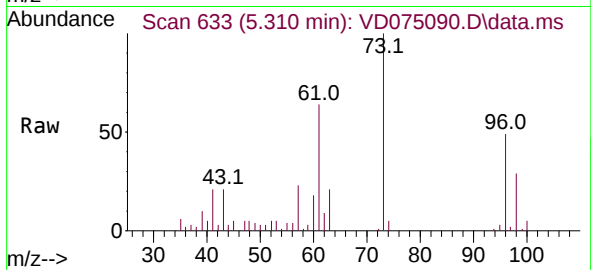




#21
trans-1,2-Dichloroethene
Concen: 45.727 ug/l
RT: 5.310 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

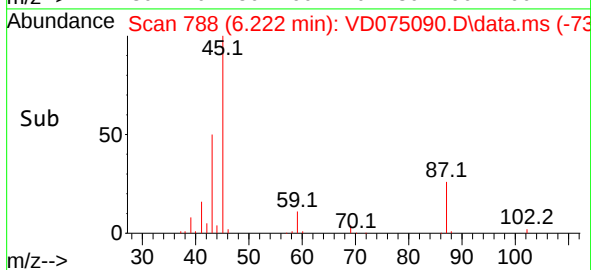
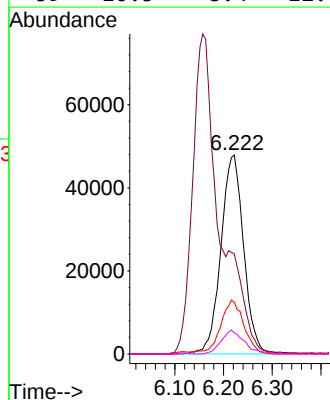
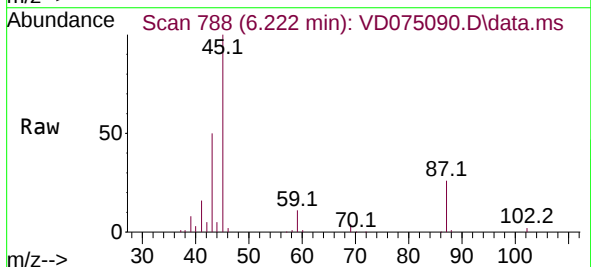
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MSVOA_D
ClientSampleId :
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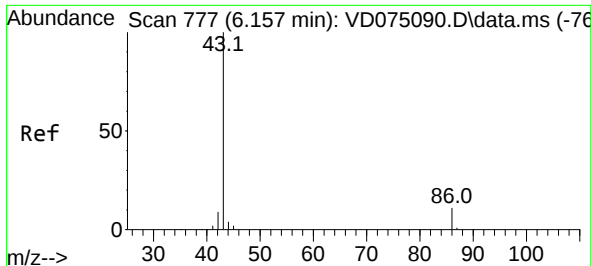
Tgt Ion: 96 Resp: 43091
Ion Ratio Lower Upper
96 100
61 131.0 104.8 157.2
98 59.6 47.7 71.5



#22
Diisopropyl ether
Concen: 49.302 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion: 45 Resp: 155255
Ion Ratio Lower Upper
45 100
43 49.4 39.5 59.3
87 26.0 20.8 31.2
59 10.5 8.4 12.6

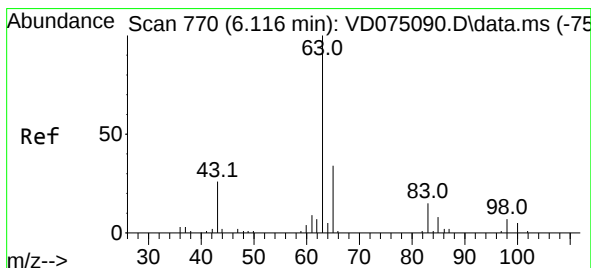
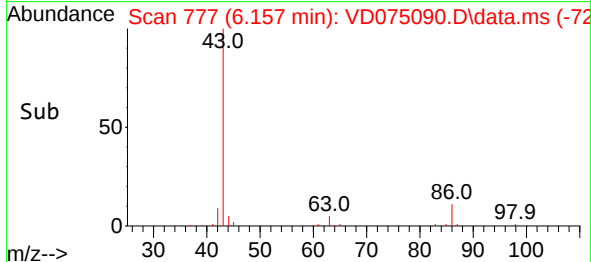
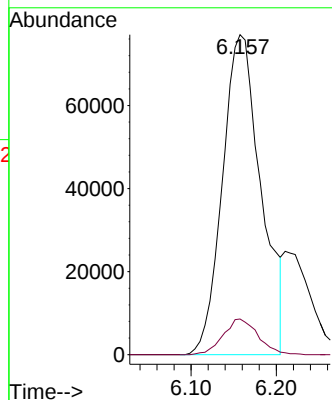
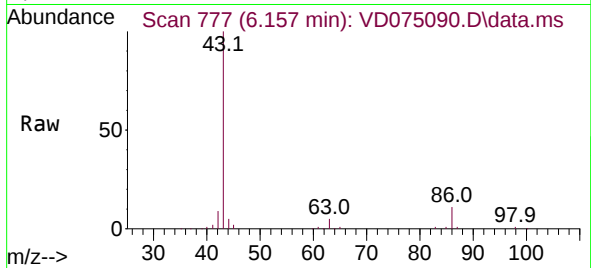




#23
 Vinyl Acetate
 Concen: 248.759 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD075090.D
 Acq: 09 Jan 2023 13:26

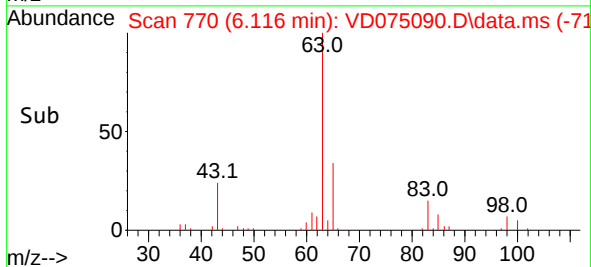
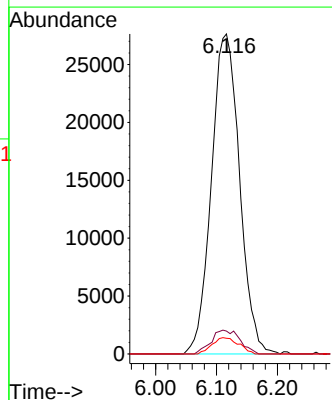
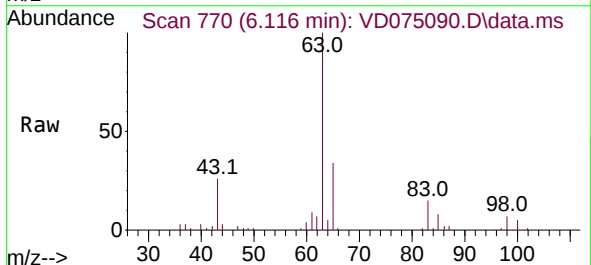
Instrument :
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 ClientSampleId :
 VSTDICCC050

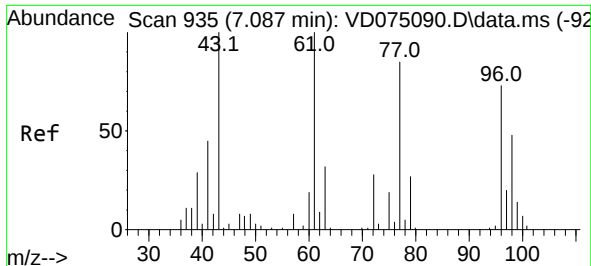
Tgt Ion: 43 Resp: 242409
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 46.902 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD075090.D
 Acq: 09 Jan 2023 13:26

Tgt Ion: 63 Resp: 88818
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.9 2.5 7.4

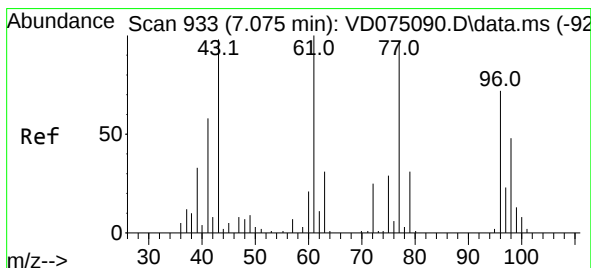
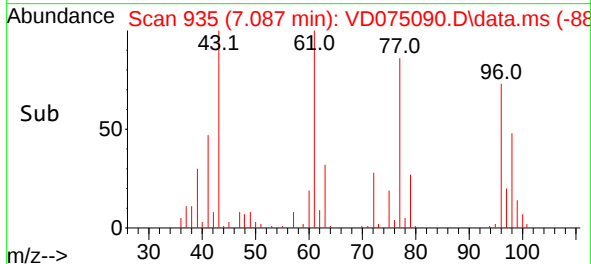
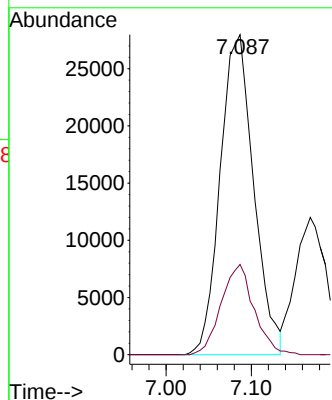
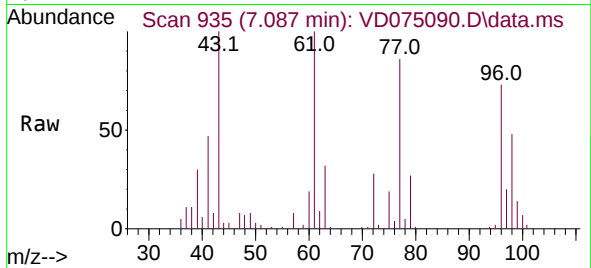




#25
2-Butanone
Concen: 239.670 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

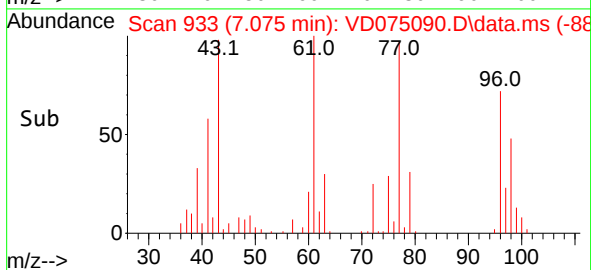
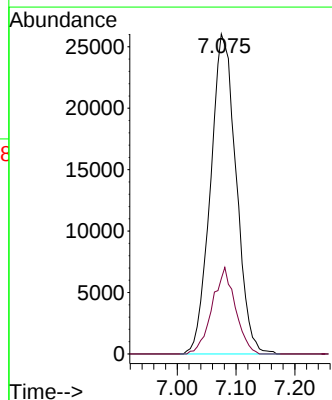
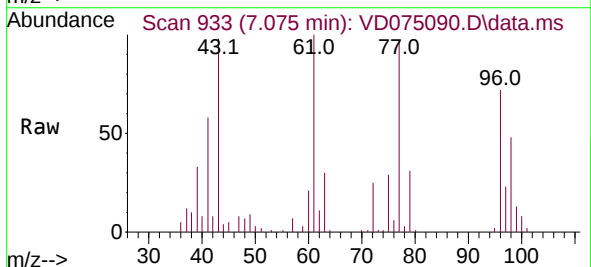
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

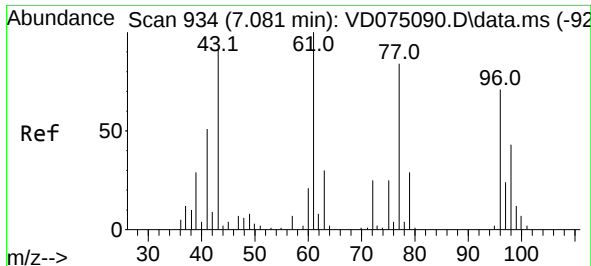
Tgt Ion: 43 Resp: 76440
Ion Ratio Lower Upper
43 100
72 28.2 22.6 33.8



#26
2,2-Dichloropropane
Concen: 46.356 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion: 77 Resp: 78730
Ion Ratio Lower Upper
77 100
97 24.5 12.3 36.8



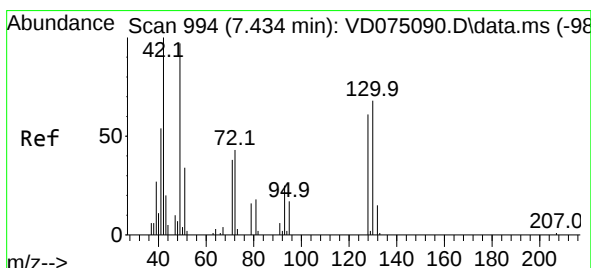
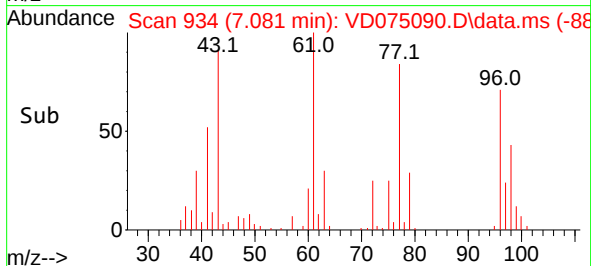
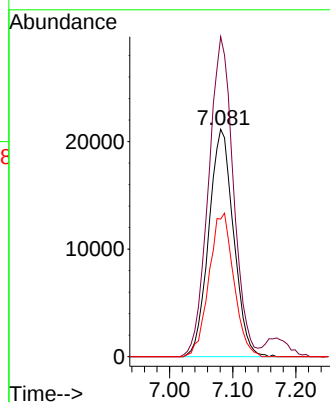
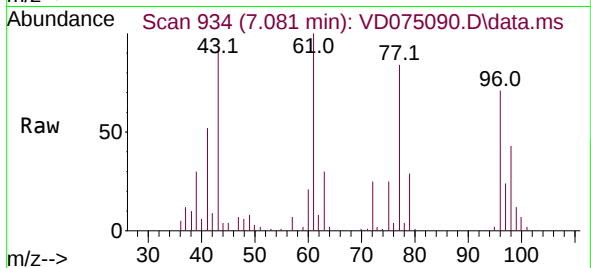


#27
 cis-1,2-Dichloroethene
 Concen: 48.403 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD075090.D
 Acq: 09 Jan 2023 13:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 57587

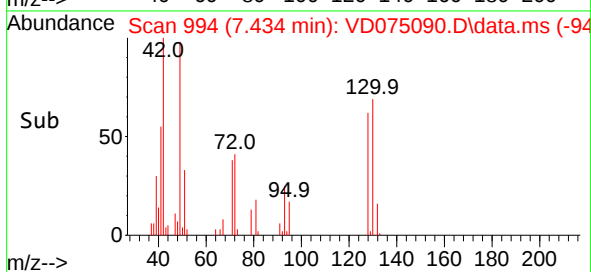
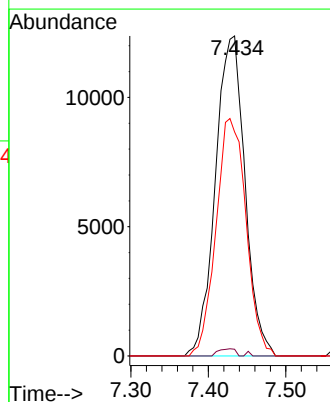
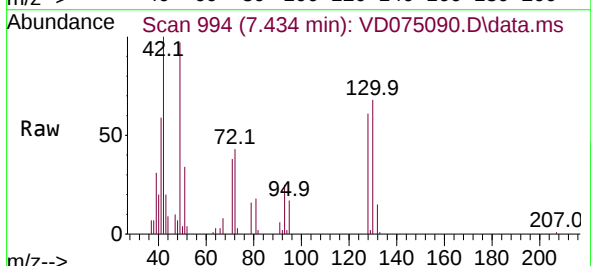
Ion	Ratio	Lower	Upper
96	100		
61	141.2	0.0	282.4
98	63.1	0.0	126.2

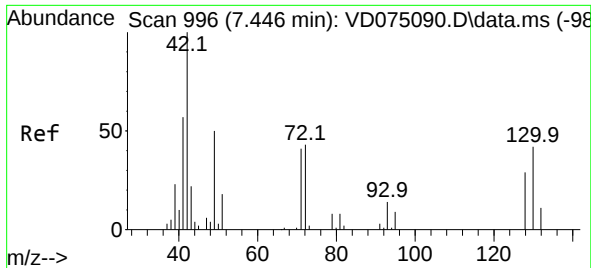


#28
 Bromochloromethane
 Concen: 50.044 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VD075090.D
 Acq: 09 Jan 2023 13:26

Tgt Ion: 49 Resp: 32870

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.6
130	75.4	60.3	90.5

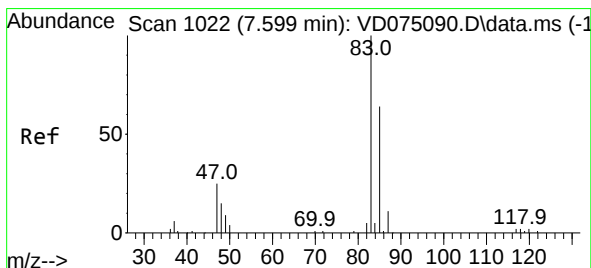
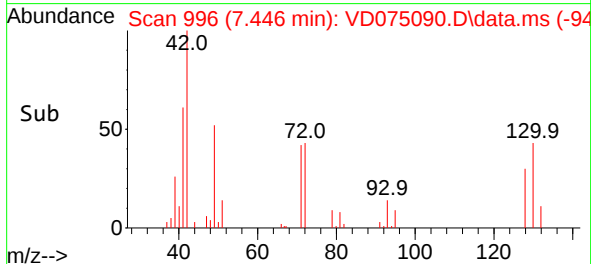
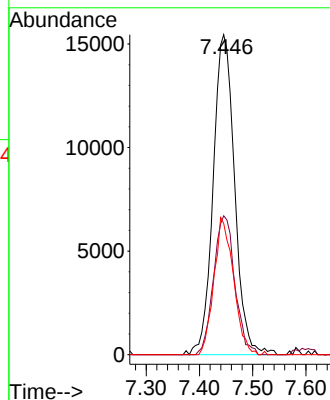
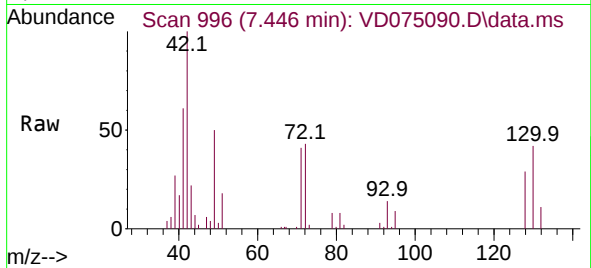




#29
Tetrahydrofuran
Concen: 241.673 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

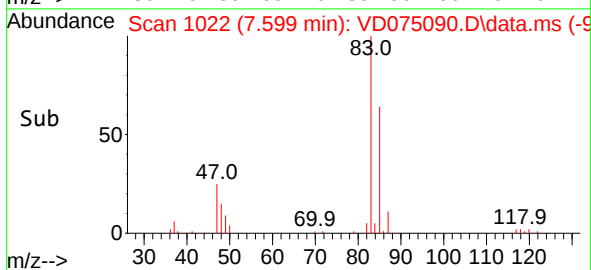
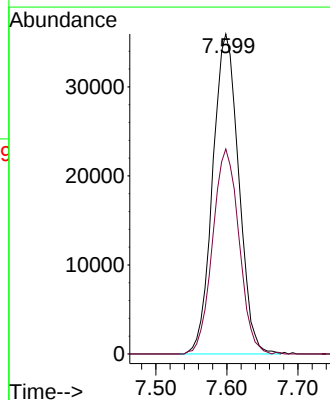
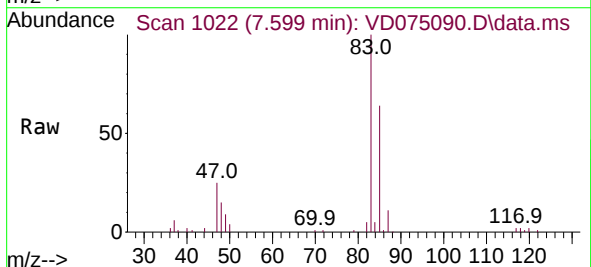
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

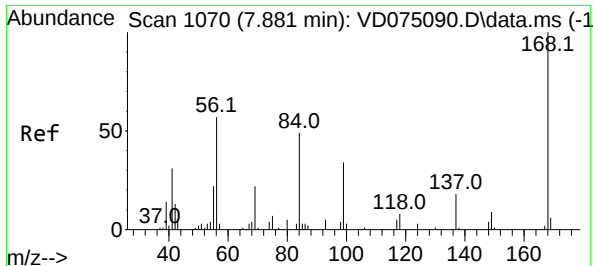
Tgt Ion: 42 Resp: 43363
Ion Ratio Lower Upper
42 100
72 42.9 34.3 51.5
71 39.0 31.2 46.8



#30
Chloroform
Concen: 47.581 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion: 83 Resp: 91306
Ion Ratio Lower Upper
83 100
85 64.1 51.3 76.9





#31

Cyclohexane

Concen: 41.569 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

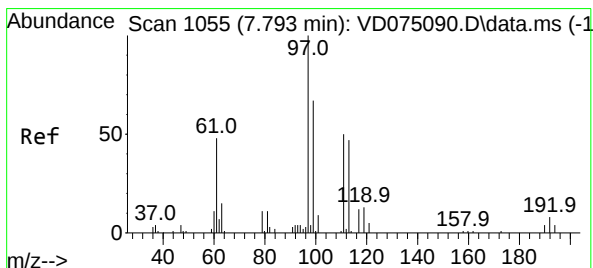
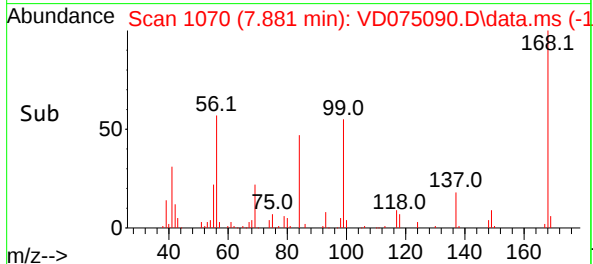
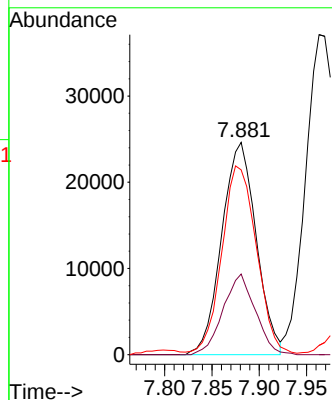
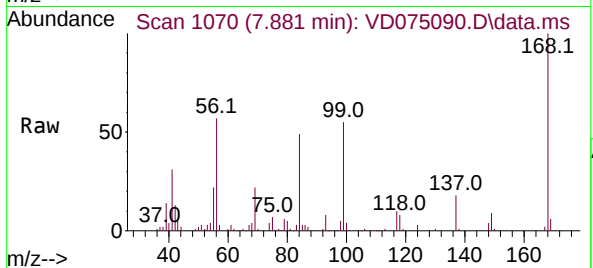
Tgt Ion: 56 Resp: 62356

Ion Ratio Lower Upper

56 100

69 38.0 30.4 45.6

84 85.7 68.6 102.8



#32

1,1,1-Trichloroethane

Concen: 46.311 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

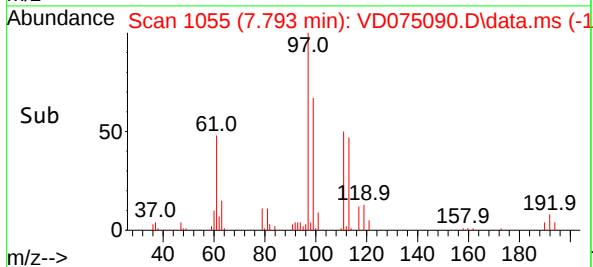
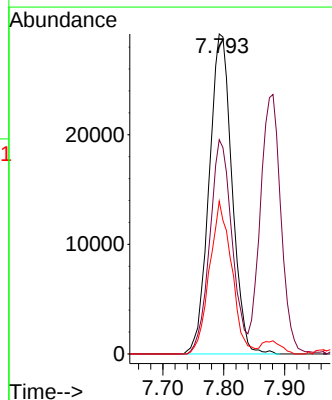
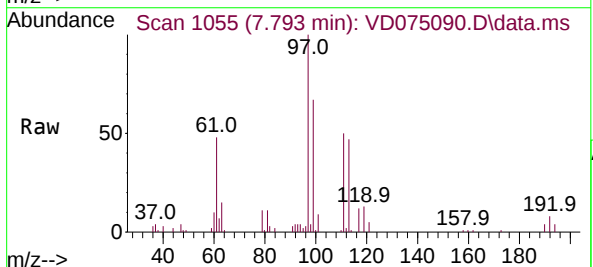
Tgt Ion: 97 Resp: 76254

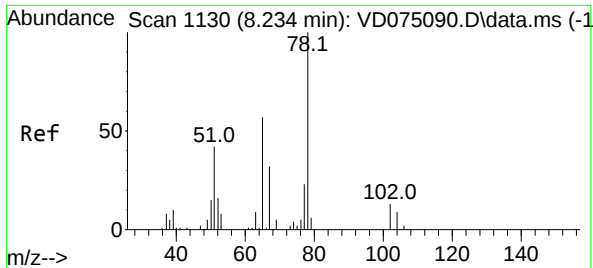
Ion Ratio Lower Upper

97 100

99 65.4 52.3 78.5

61 46.2 37.0 55.4





#33

1,2-Dichloroethane-d4

Concen: 47.575 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

Instrument :

MSVOA_D

ClientSampleId :

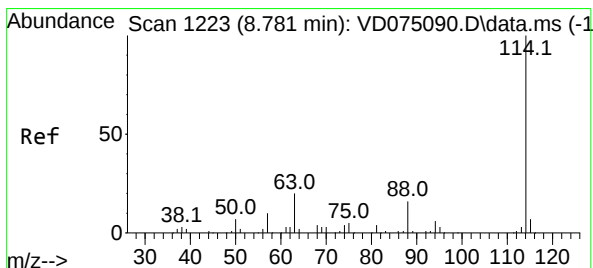
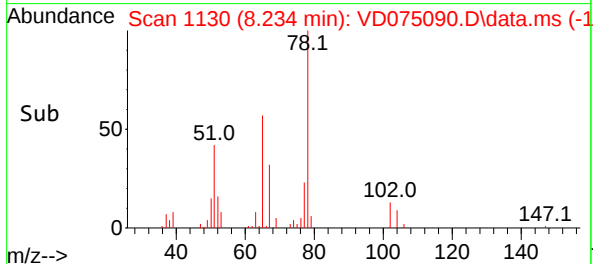
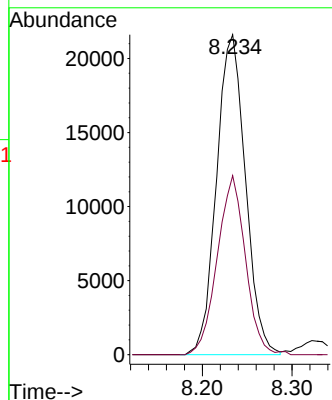
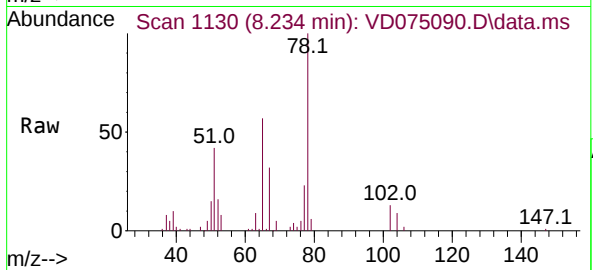
VSTDICCC050

Tgt Ion: 65 Resp: 48344

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

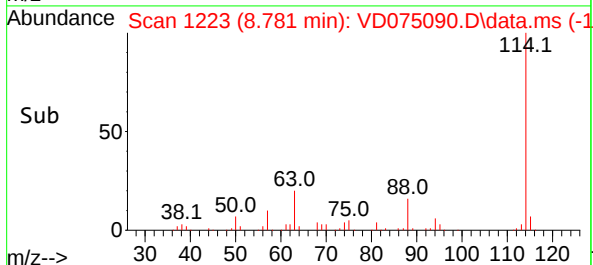
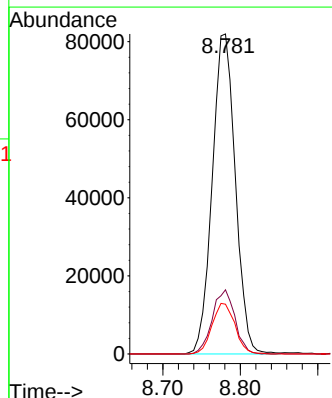
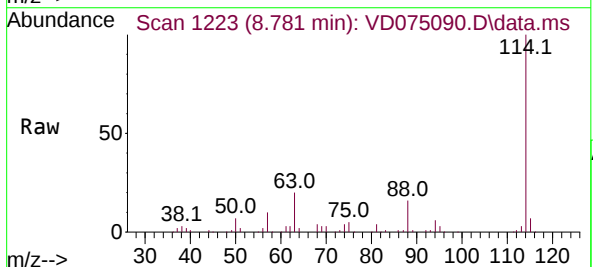
Tgt Ion: 114 Resp: 170140

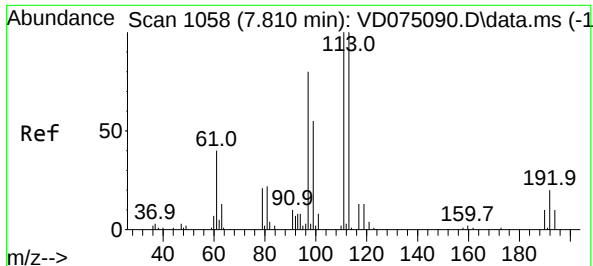
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.6 0.0 31.2

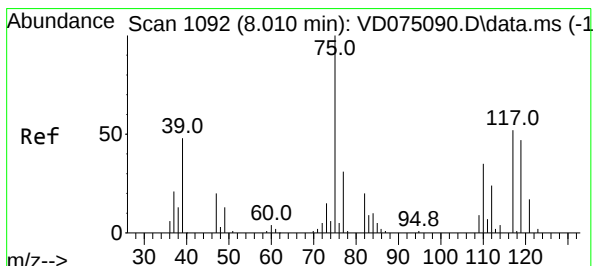
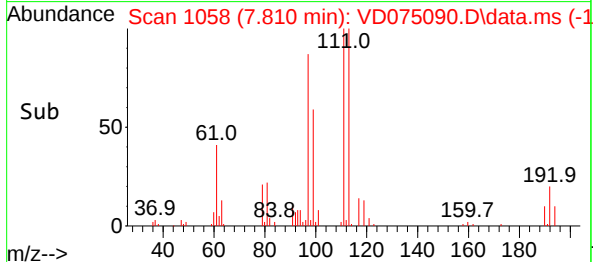
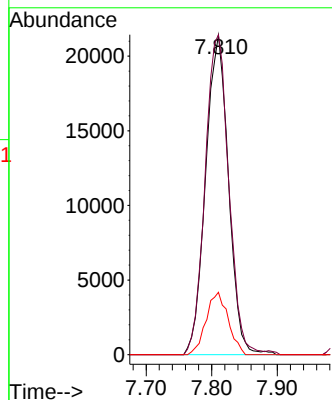
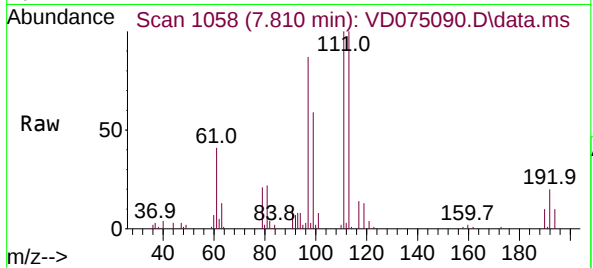




#35
Dibromofluoromethane
Concen: 48.540 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

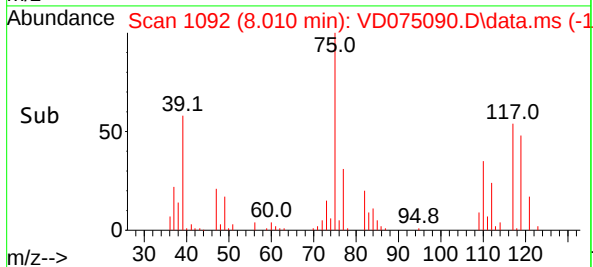
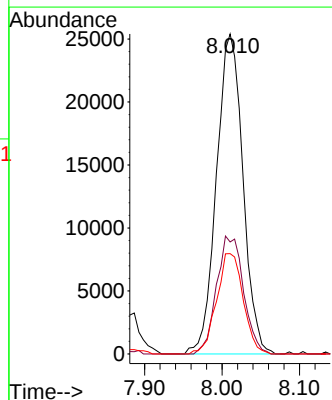
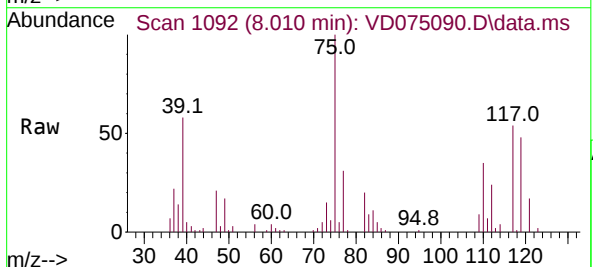
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

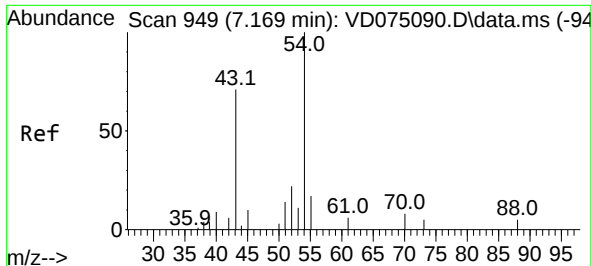
Tgt Ion:113 Resp: 51949
Ion Ratio Lower Upper
113 100
111 104.0 83.2 124.8
192 18.8 15.0 22.6



#36
1,1-Dichloropropene
Concen: 45.496 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion: 75 Resp: 60243
Ion Ratio Lower Upper
75 100
110 37.5 18.8 56.3
77 31.6 25.3 37.9





#37

Ethyl Acetate

Concen: 42.301 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

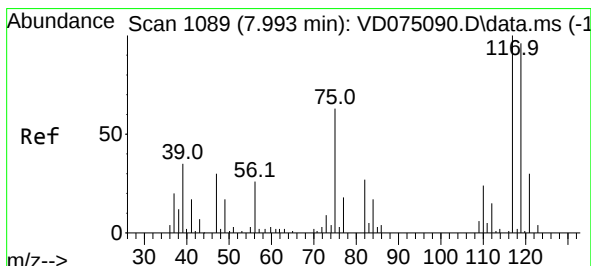
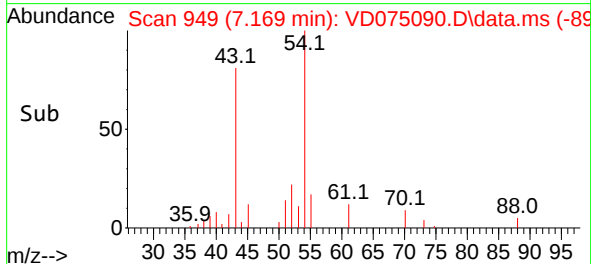
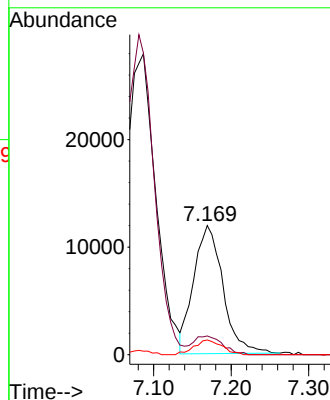
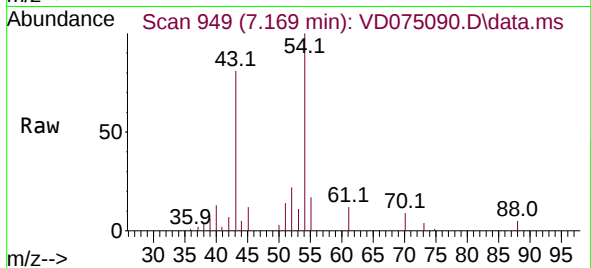
Tgt Ion: 43 Resp: 31294

Ion Ratio Lower Upper

43 100

61 14.8 11.4 17.2

70 10.9 8.4 12.6



#38

Carbon Tetrachloride

Concen: 48.663 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

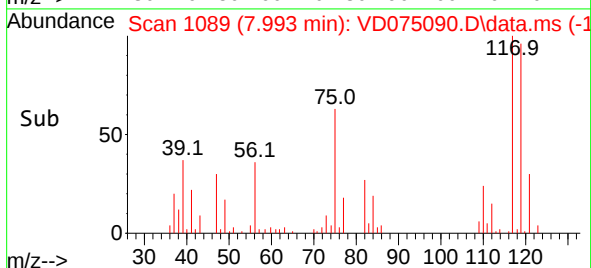
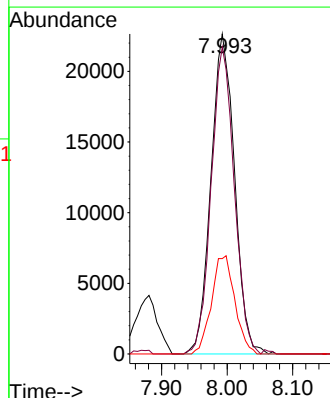
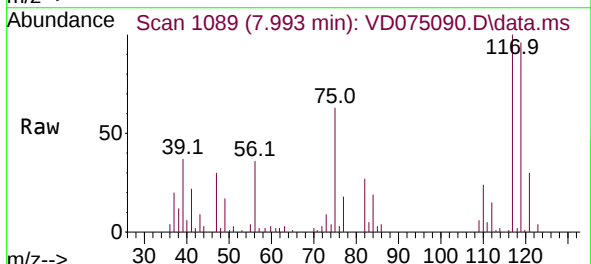
Tgt Ion: 117 Resp: 56453

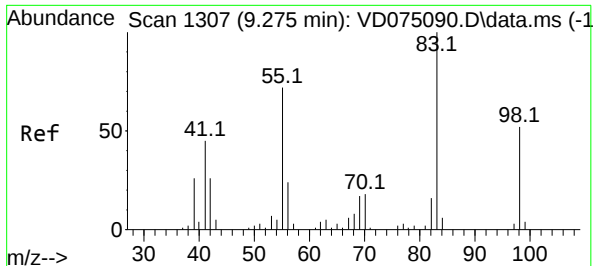
Ion Ratio Lower Upper

117 100

119 96.0 76.8 115.2

121 29.8 23.8 35.8





#39

Methylcyclohexane

Concen: 44.612 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

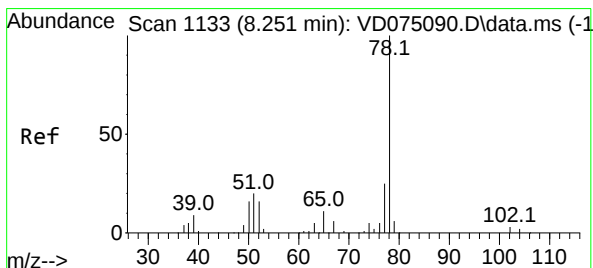
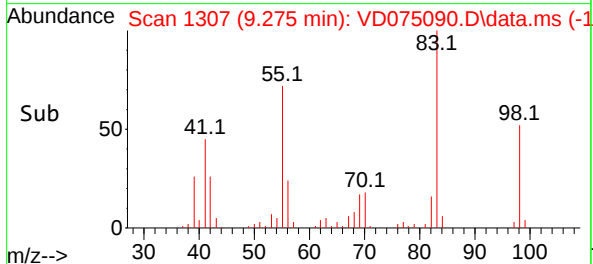
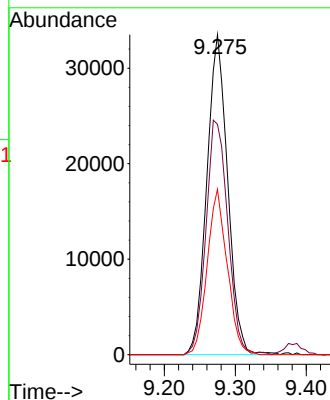
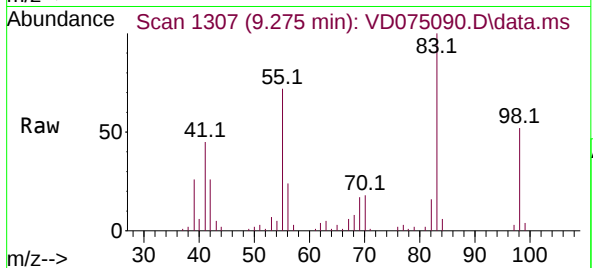
Tgt Ion: 83 Resp: 68325

Ion Ratio Lower Upper

83 100

55 72.0 57.6 86.4

98 51.7 41.4 62.0



#40

Benzene

Concen: 46.634 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075090.D

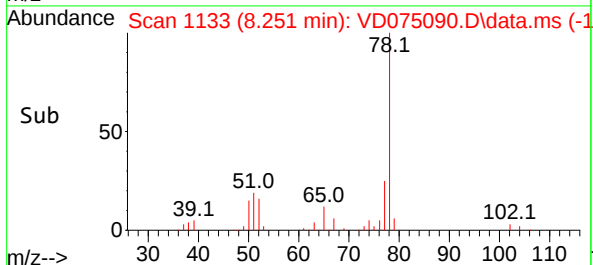
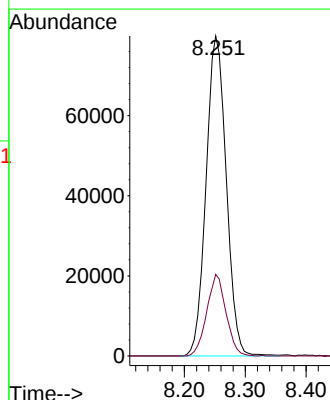
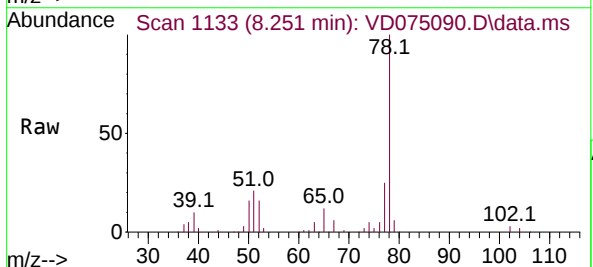
Acq: 09 Jan 2023 13:26

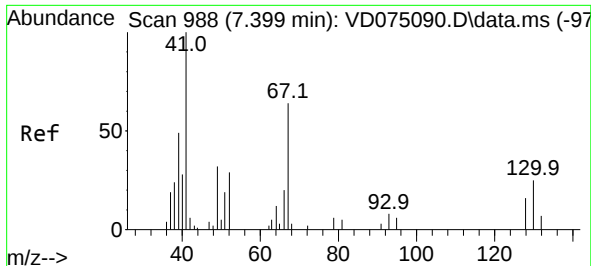
Tgt Ion: 78 Resp: 184235

Ion Ratio Lower Upper

78 100

77 25.5 20.4 30.6

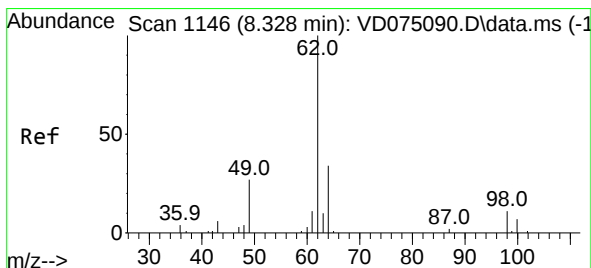
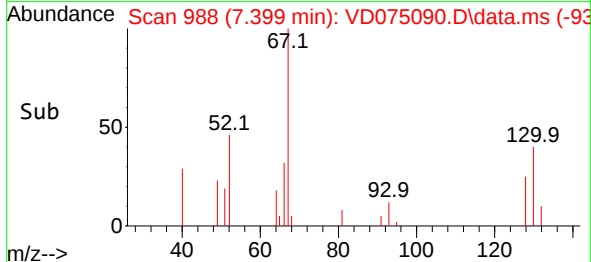
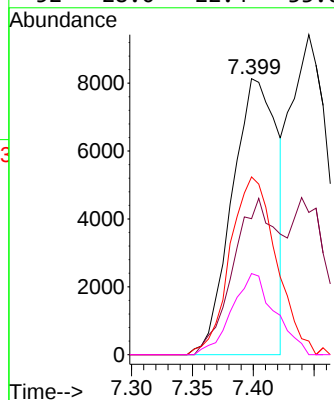
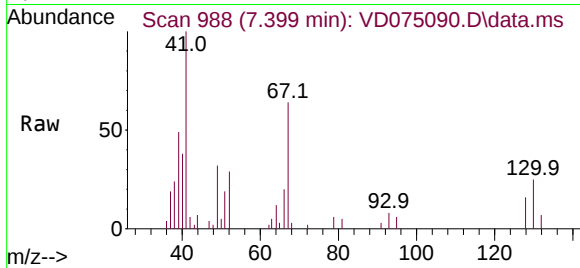




#41
Methacrylonitrile
Concen: 48.771 ug/l
RT: 7.399 min Scan# 988
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

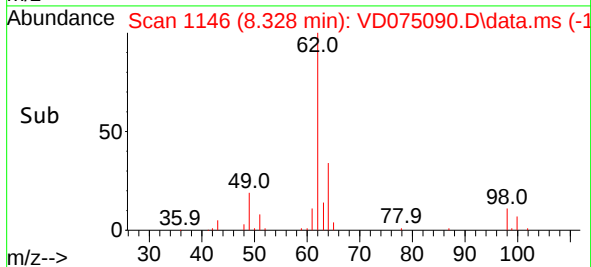
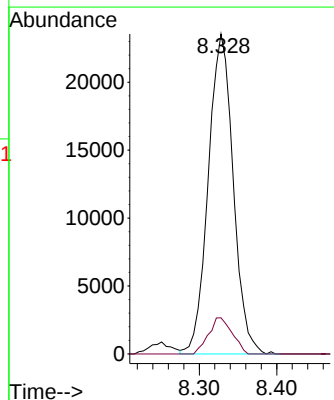
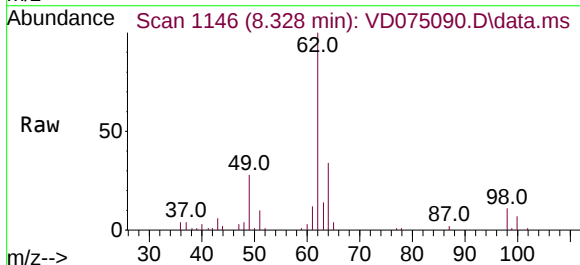
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

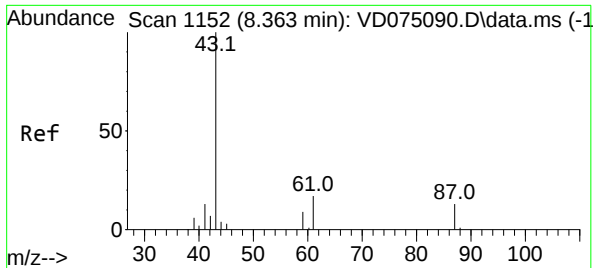
Tgt Ion:	41	Resp:	20946
Ion	Ratio	Lower	Upper
41	100		
39	60.2	48.2	72.2
67	66.4	53.1	79.7
52	28.0	22.4	33.6



#42
1,2-Dichloroethane
Concen: 47.638 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion:	62	Resp:	52742
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.4

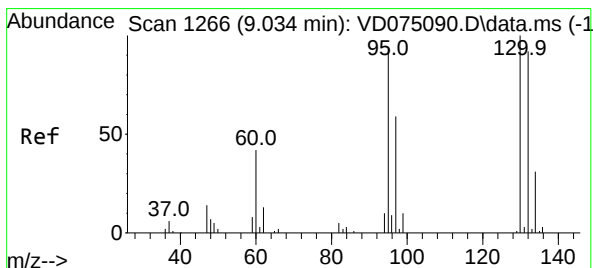
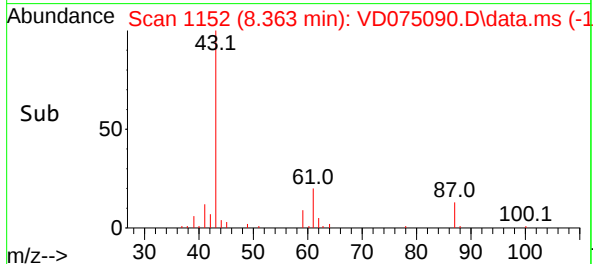
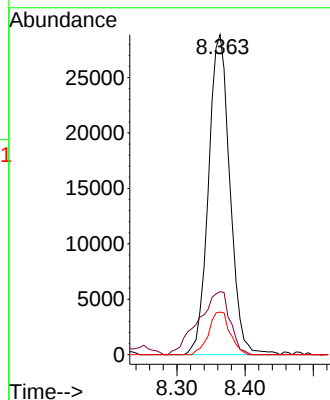
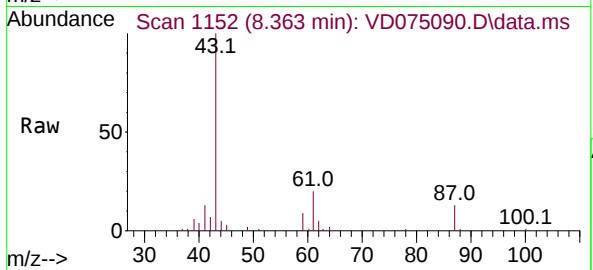




#43
Isopropyl Acetate
Concen: 49.435 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

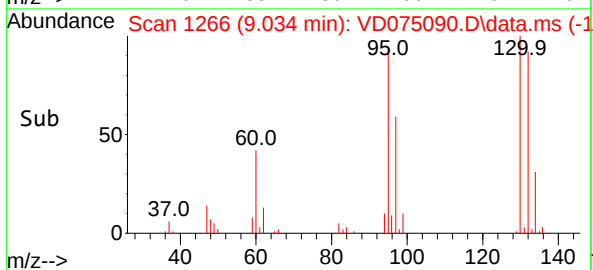
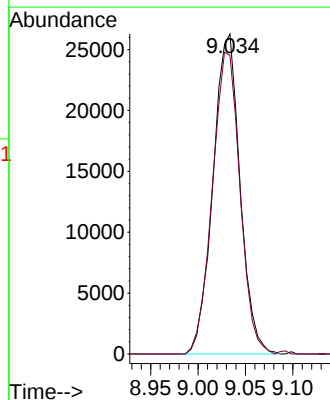
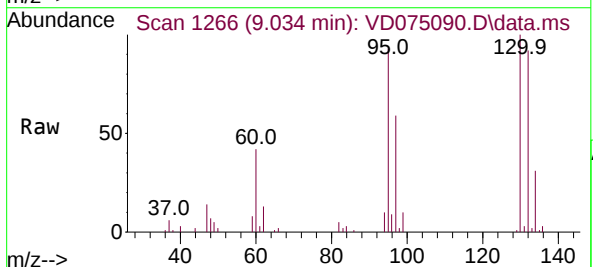
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

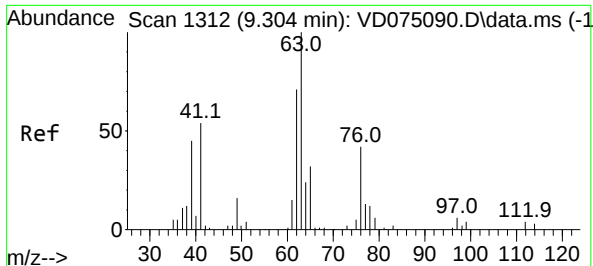
Tgt Ion: 43 Resp: 62991
Ion Ratio Lower Upper
43 100
61 29.0 23.2 34.8
87 13.3 10.6 16.0



#44
Trichloroethene
Concen: 45.916 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion: 130 Resp: 52136
Ion Ratio Lower Upper
130 100
95 93.3 0.0 186.6





#45

1,2-Dichloropropane

Concen: 47.297 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

Instrument :

MSVOA_D

ClientSampleId :

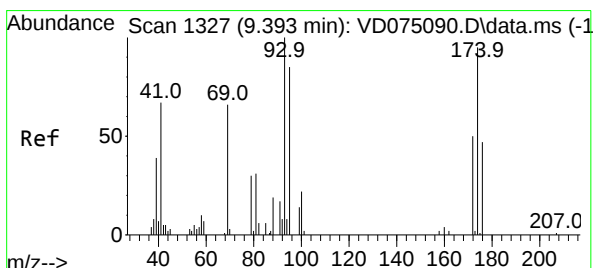
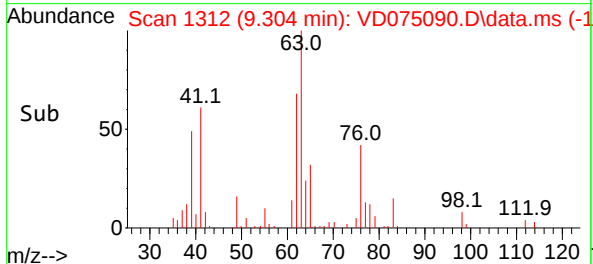
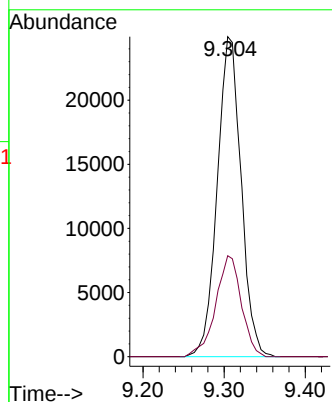
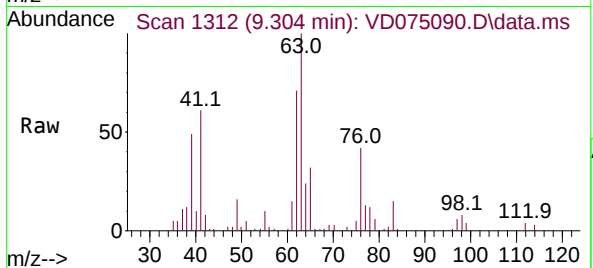
VSTDICCC050

Tgt Ion: 63 Resp: 50915

Ion Ratio Lower Upper

63 100

65 31.5 25.2 37.8



#46

Dibromomethane

Concen: 48.651 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

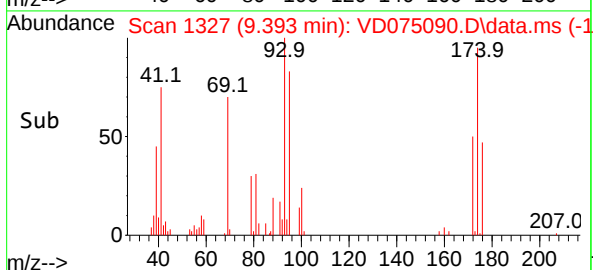
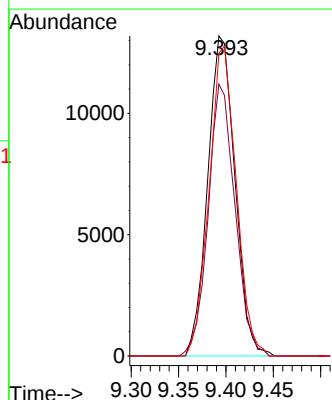
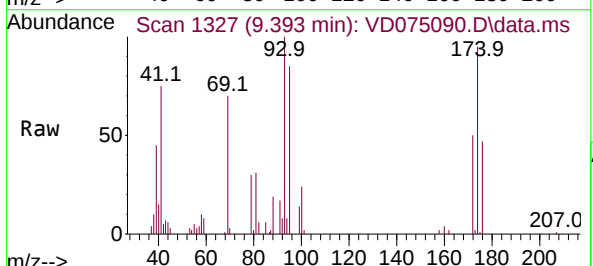
Tgt Ion: 93 Resp: 26469

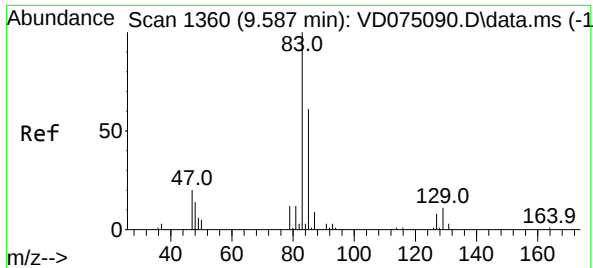
Ion Ratio Lower Upper

93 100

95 83.4 66.7 100.1

174 96.0 76.8 115.2





#47

Bromodichloromethane

Concen: 48.922 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

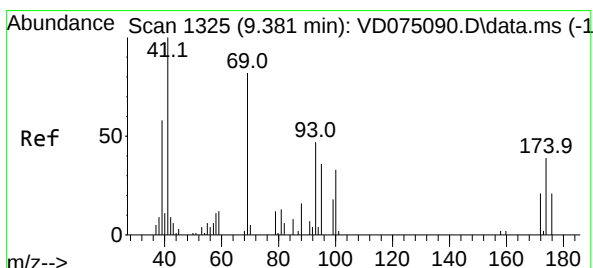
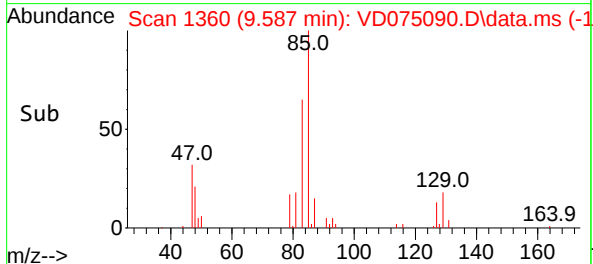
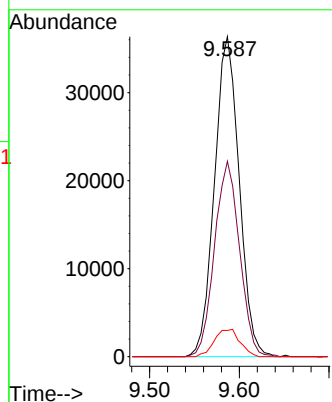
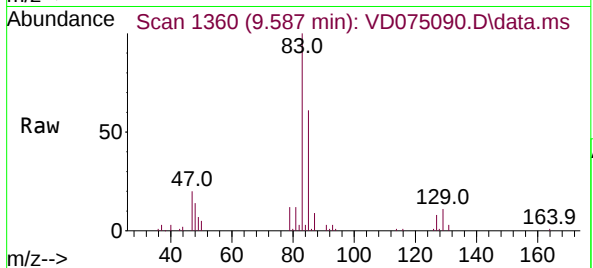
Tgt Ion: 83 Resp: 69506

Ion Ratio Lower Upper

83 100

85 61.0 48.8 73.2

127 8.2 6.6 9.8



#48

Methyl methacrylate

Concen: 47.549 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

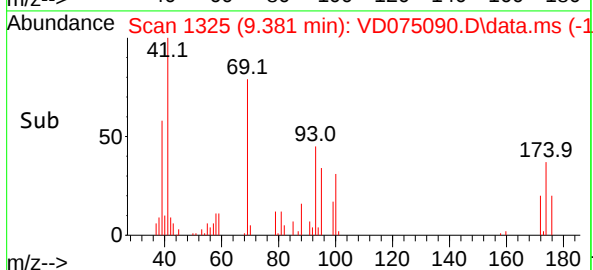
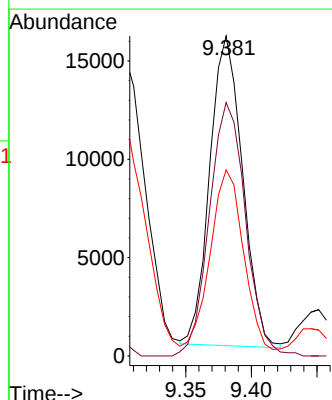
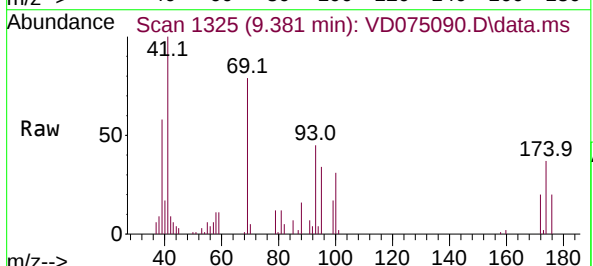
Tgt Ion: 41 Resp: 27299

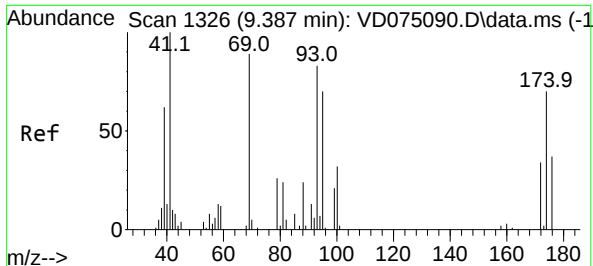
Ion Ratio Lower Upper

41 100

69 90.5 72.4 108.6

39 63.3 50.6 76.0





#49

1,4-Dioxane

Concen: 1044.540 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

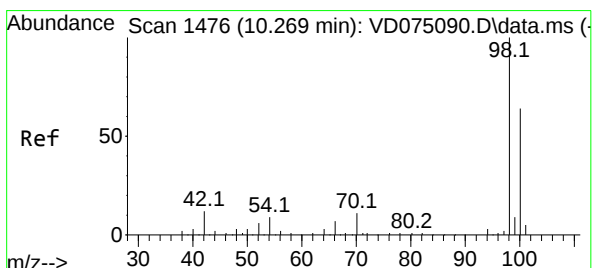
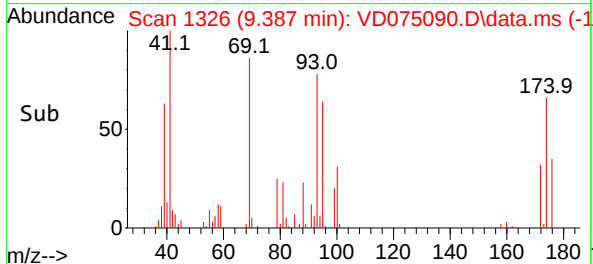
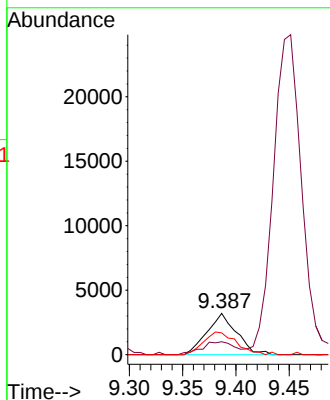
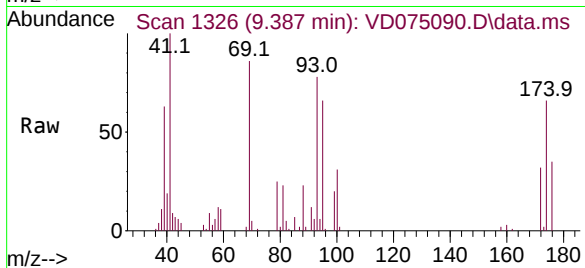
Tgt Ion: 88 Resp: 6189

Ion Ratio Lower Upper

88 100

43 34.3 27.4 41.2

58 60.8 48.6 73.0



#50

Toluene-d8

Concen: 47.038 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075090.D

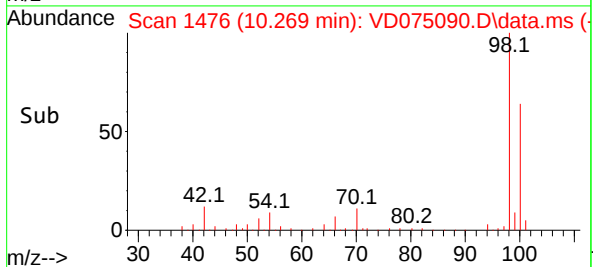
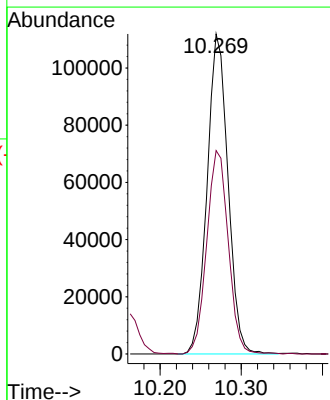
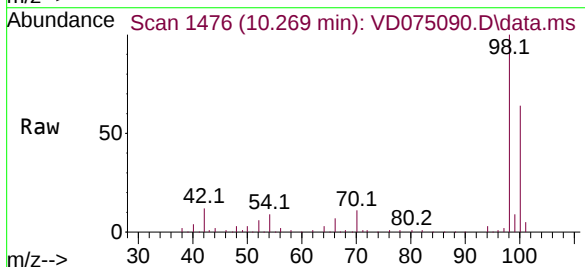
Acq: 09 Jan 2023 13:26

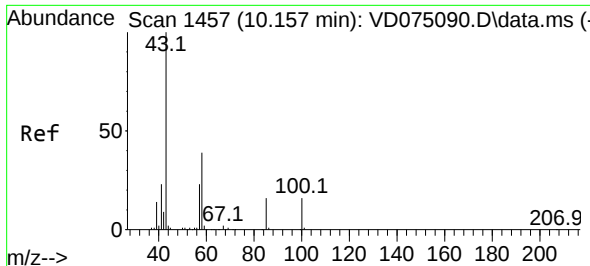
Tgt Ion: 98 Resp: 199605

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6

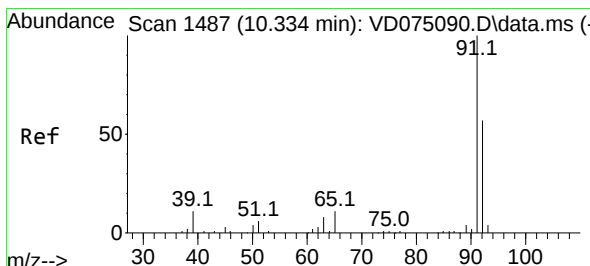
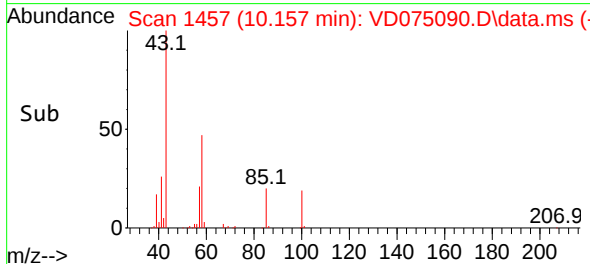
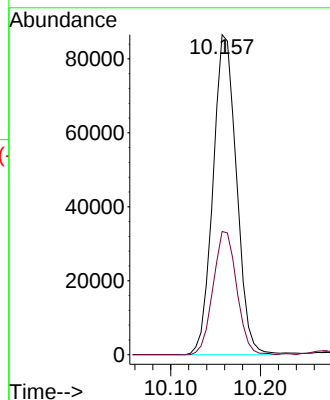
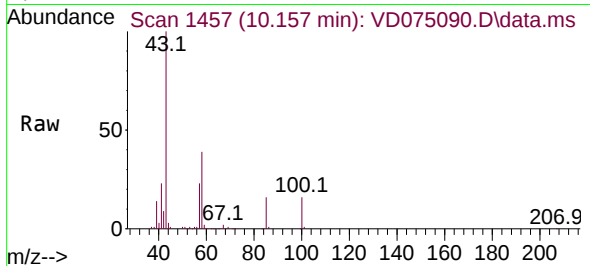




#51
4-Methyl-2-Pentanone
Concen: 244.577 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

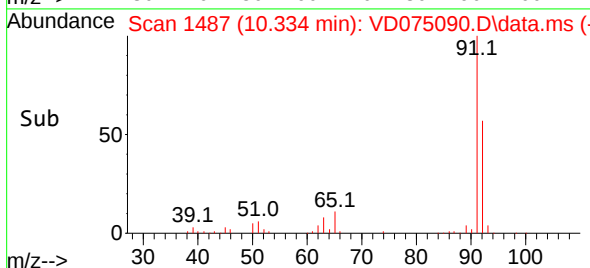
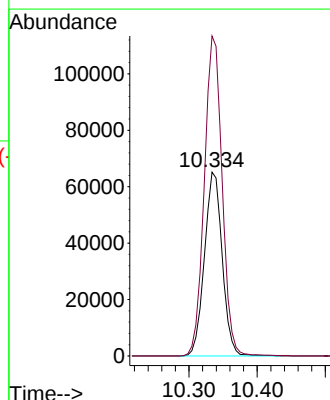
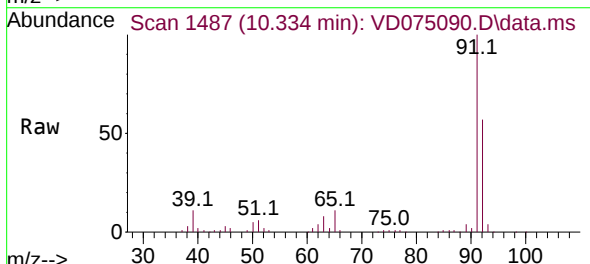
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

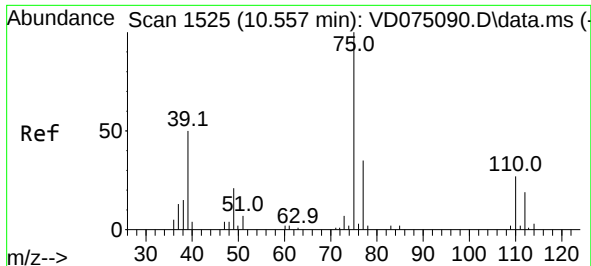
Tgt Ion: 43 Resp: 157369
Ion Ratio Lower Upper
43 100
58 38.7 31.0 46.4



#52
Toluene
Concen: 46.047 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion: 92 Resp: 117937
Ion Ratio Lower Upper
92 100
91 175.1 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 47.437 ug/l

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

Instrument :

MSVOA_D

ClientSampleId :

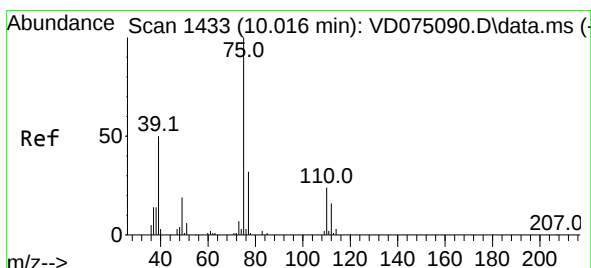
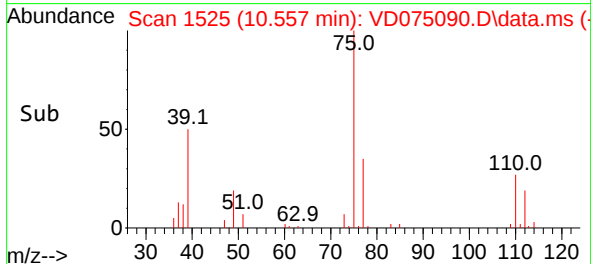
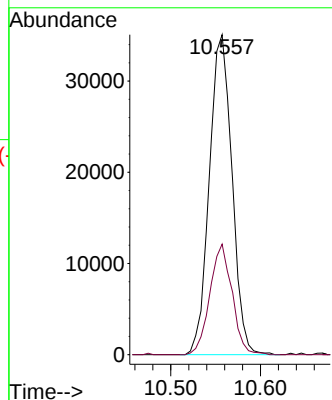
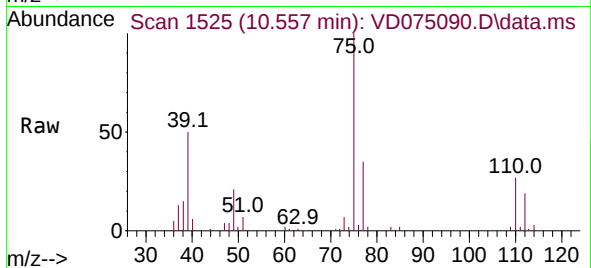
VSTDICCC050

Tgt Ion: 75 Resp: 61598

Ion Ratio Lower Upper

75 100

77 34.5 27.6 41.4



#54

cis-1,3-Dichloropropene

Concen: 48.710 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

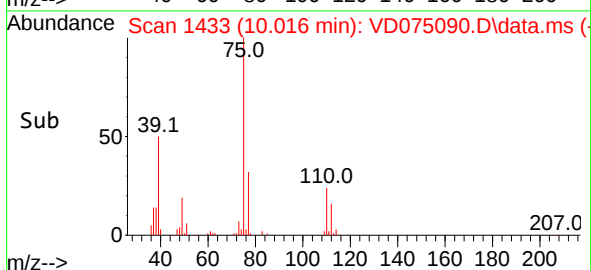
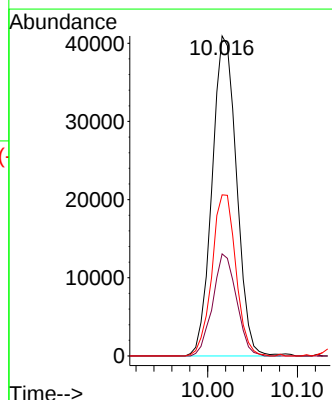
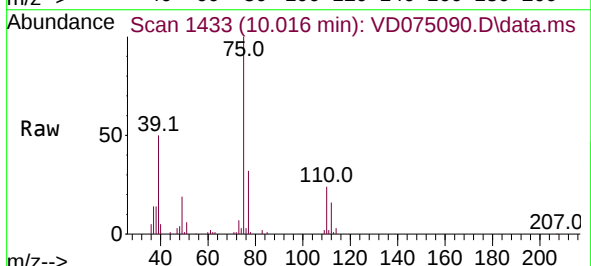
Tgt Ion: 75 Resp: 77470

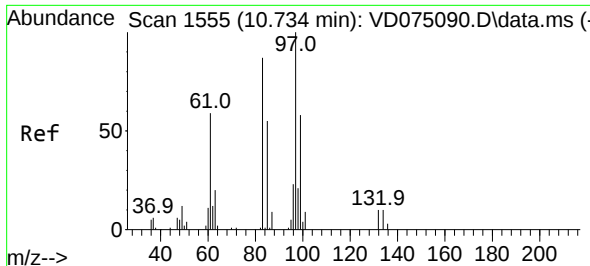
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 50.4 40.3 60.5

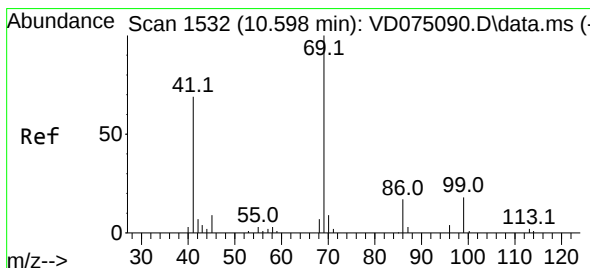
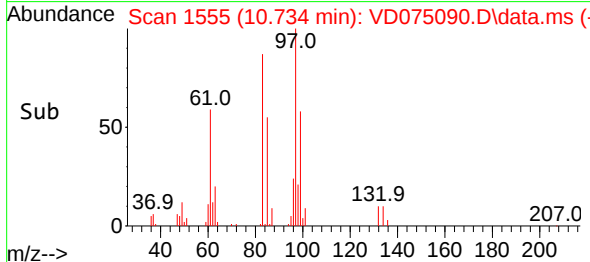
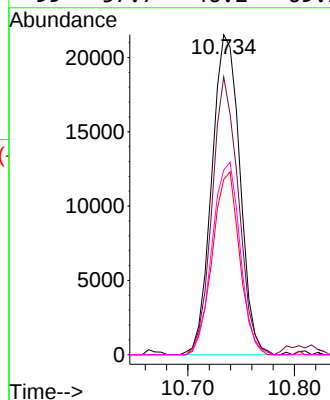
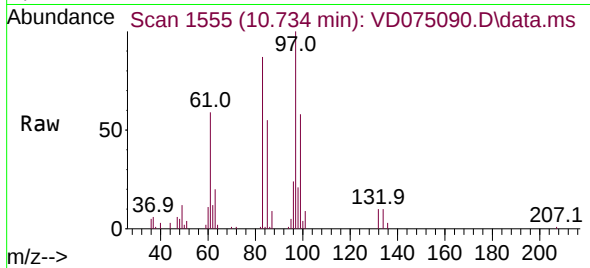




#55
1,1,2-Trichloroethane
Concen: 49.672 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

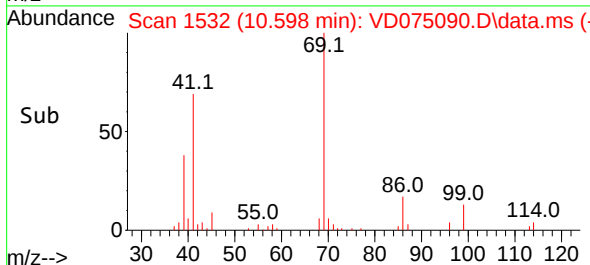
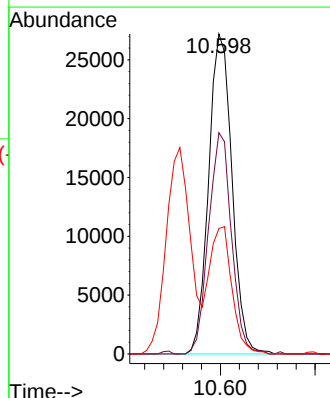
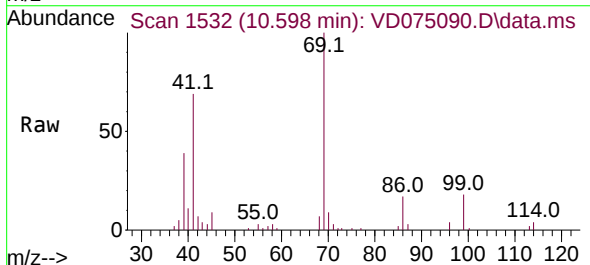
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

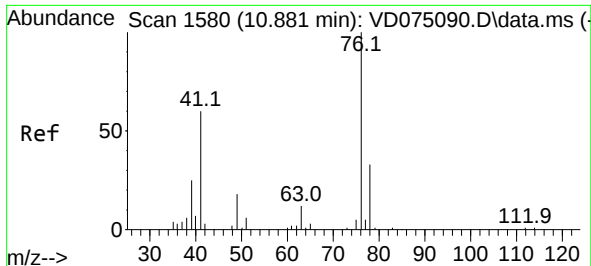
Tgt Ion:	97	Resp:	39359
Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.4	104.2
85	54.8	43.8	65.8
99	57.7	46.2	69.2



#56
Ethyl methacrylate
Concen: 48.752 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion:	69	Resp:	46663
Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.4	81.6
39	38.2	30.6	45.8





#57

1,3-Dichloropropane

Concen: 47.910 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

Instrument :

MSVOA_D

ClientSampleId :

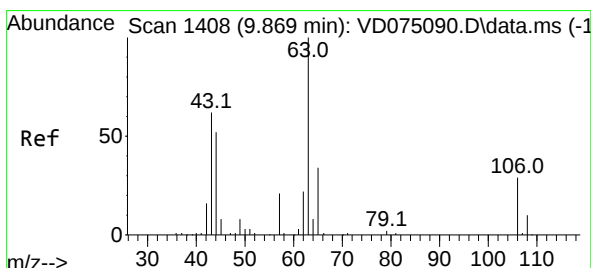
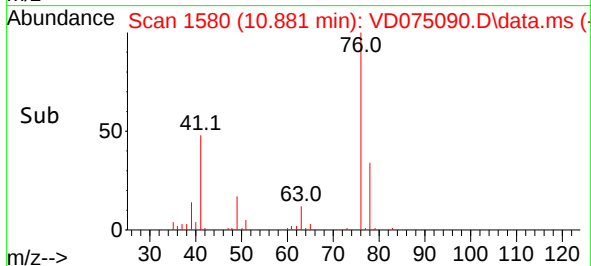
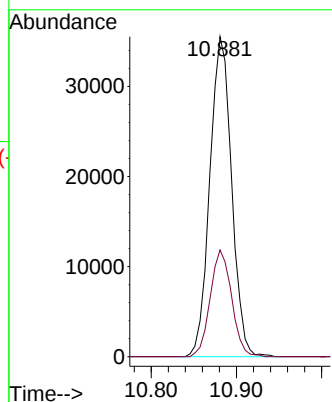
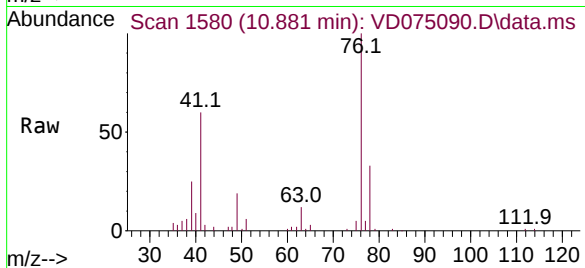
VSTDICCC050

Tgt Ion: 76 Resp: 63065

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 249.742 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075090.D

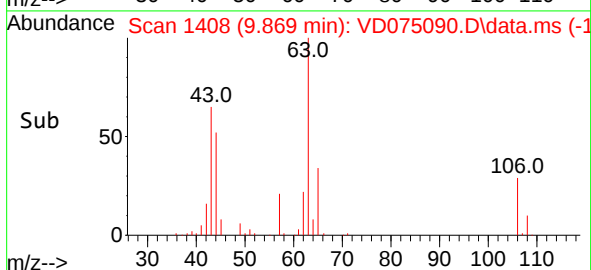
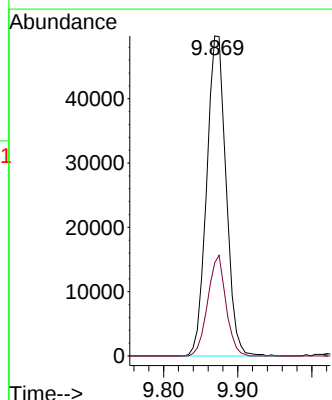
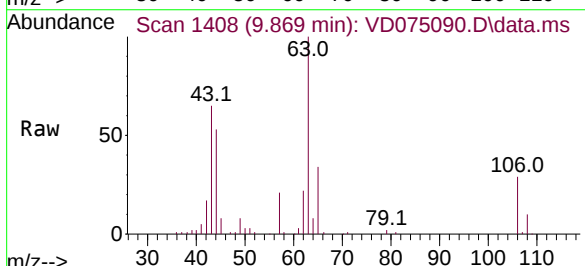
Acq: 09 Jan 2023 13:26

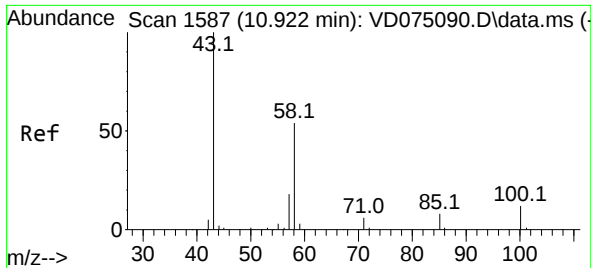
Tgt Ion: 63 Resp: 90245

Ion Ratio Lower Upper

63 100

106 29.5 23.6 35.4

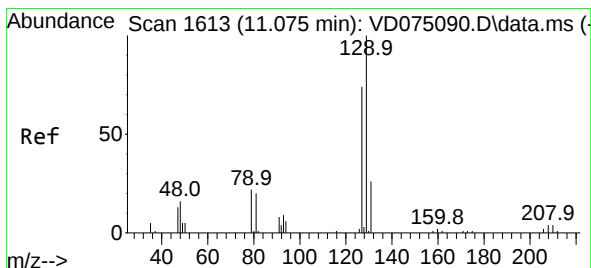
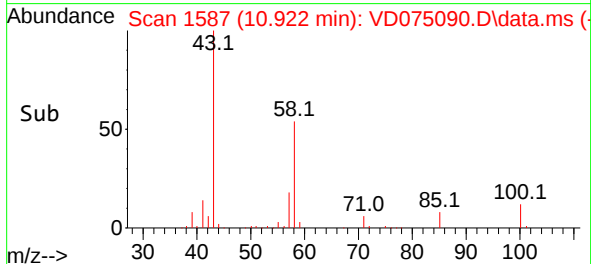
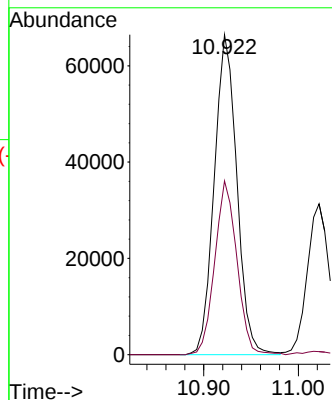
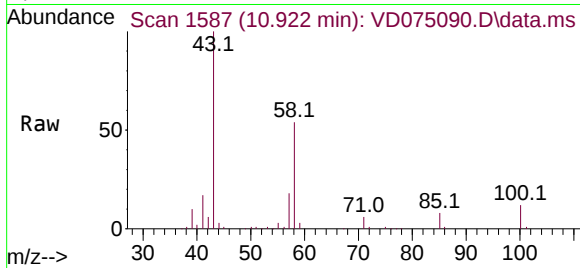




#59
2-Hexanone
Concen: 245.135 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

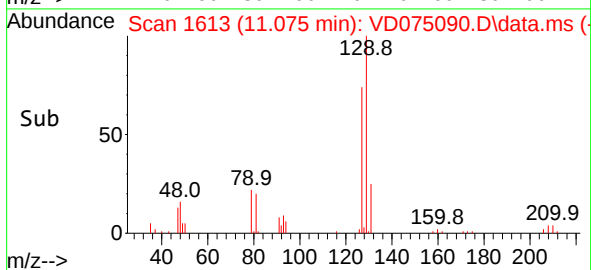
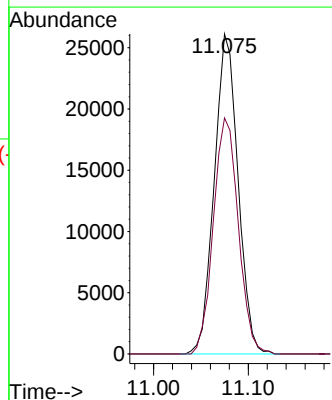
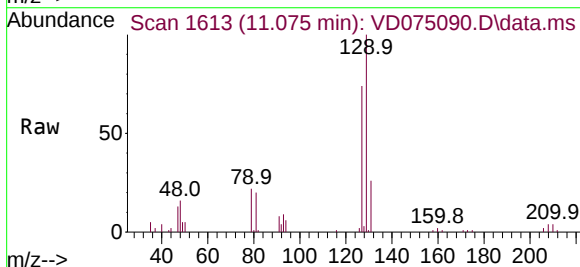
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

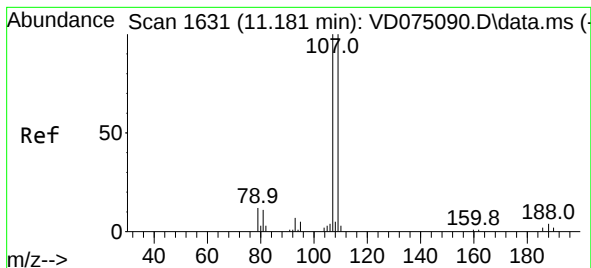
Tgt Ion: 43 Resp: 110330
Ion Ratio Lower Upper
43 100
58 53.2 26.6 79.8



#60
Dibromochloromethane
Concen: 48.664 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion: 129 Resp: 45658
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

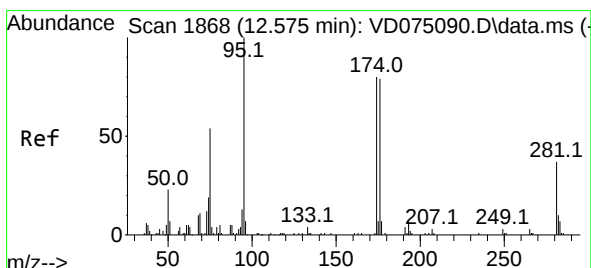
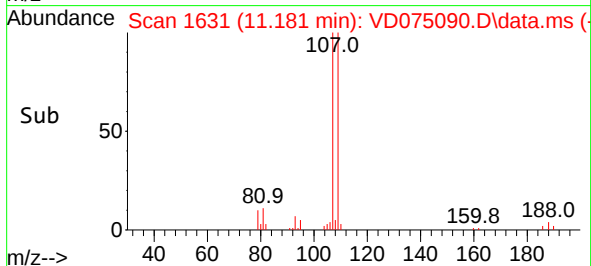
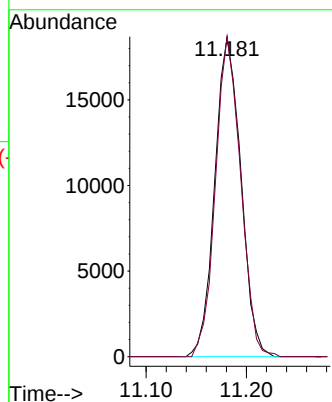
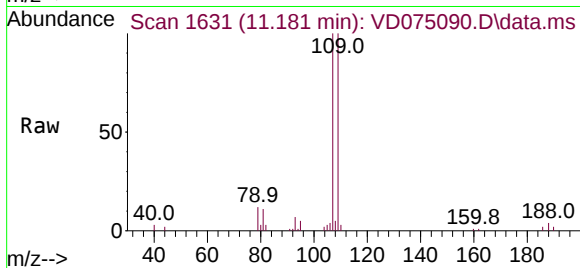




#61
1,2-Dibromoethane
Concen: 46.804 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

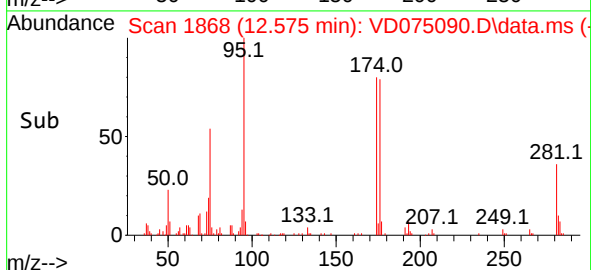
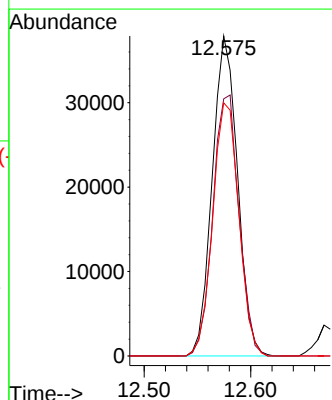
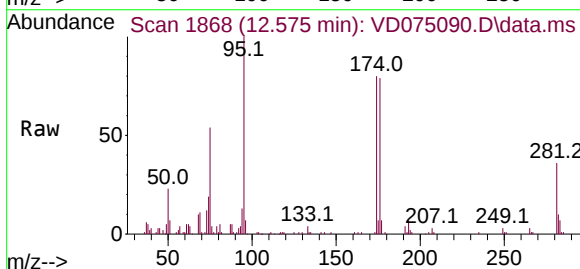
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

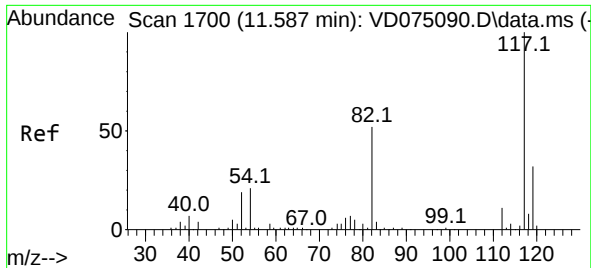
Tgt Ion:107 Resp: 33673
Ion Ratio Lower Upper
107 100
109 96.4 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 45.737 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion: 95 Resp: 62297
Ion Ratio Lower Upper
95 100
174 84.2 0.0 168.4
176 81.9 0.0 163.8

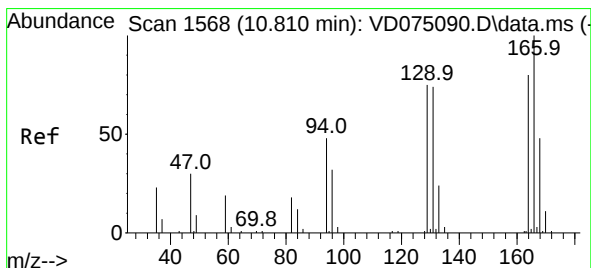
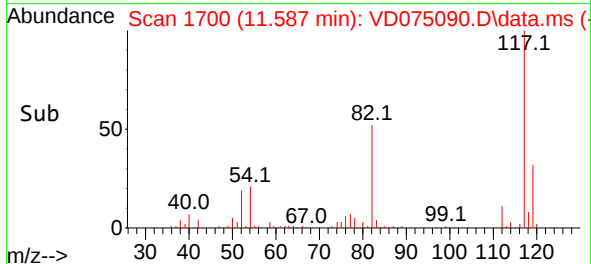
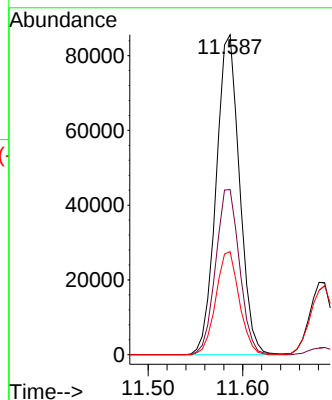
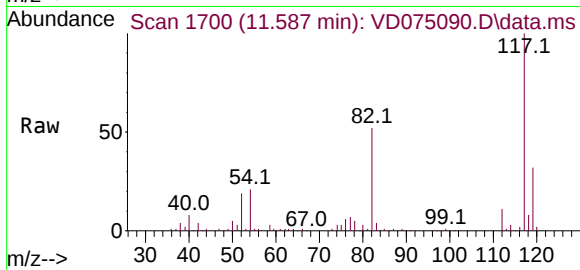




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

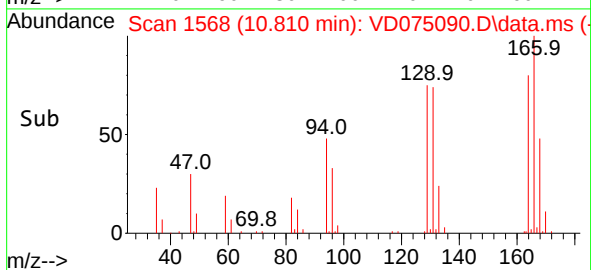
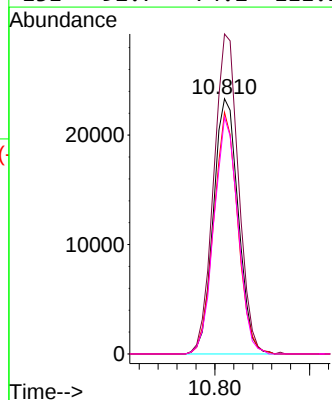
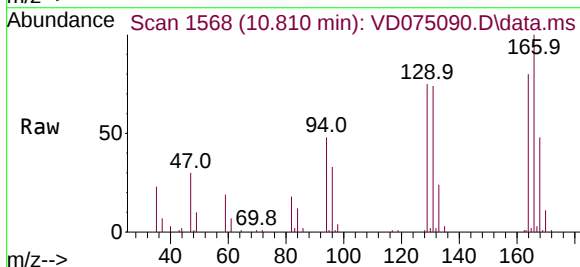
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

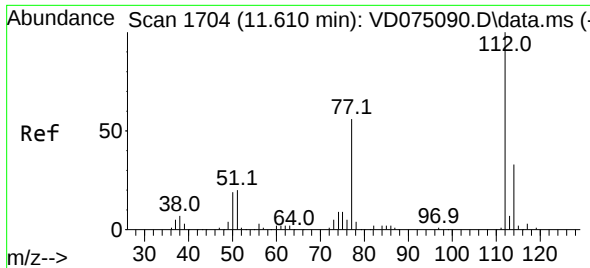
Tgt Ion:117 Resp: 147082
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 45.186 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion:164 Resp: 42618
Ion Ratio Lower Upper
164 100
166 125.4 100.3 150.5
129 94.7 75.8 113.6
131 92.7 74.2 111.2

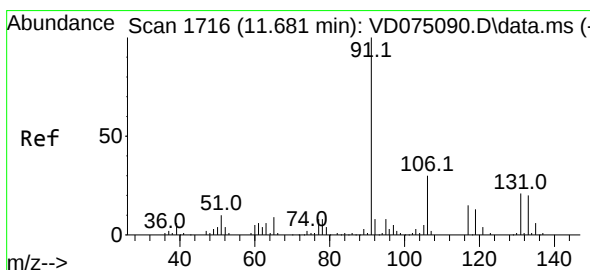
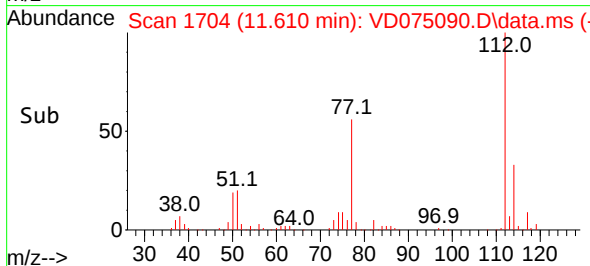
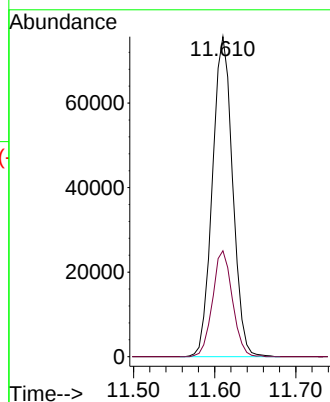
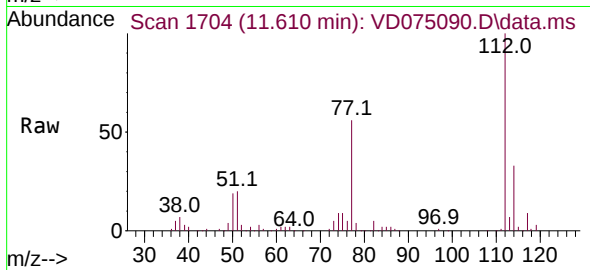




#65
Chlorobenzene
Concen: 47.312 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

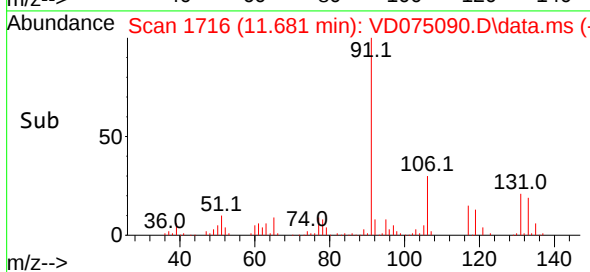
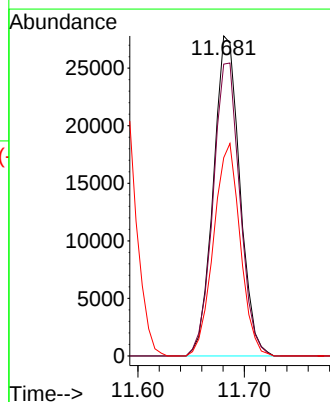
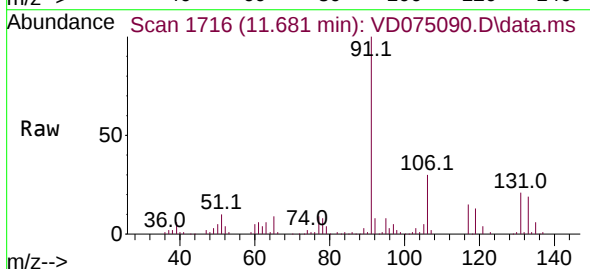
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

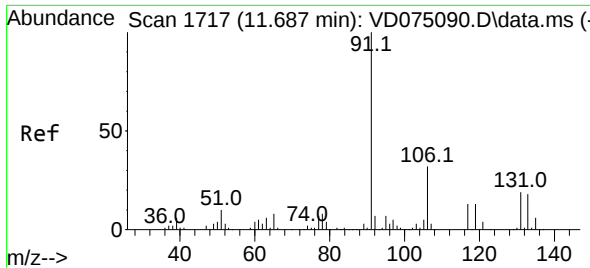
Tgt Ion:112 Resp: 130979
Ion Ratio Lower Upper
112 100
114 33.1 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.019 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion:131 Resp: 47952
Ion Ratio Lower Upper
131 100
133 92.8 46.4 139.2
119 66.8 33.4 100.2

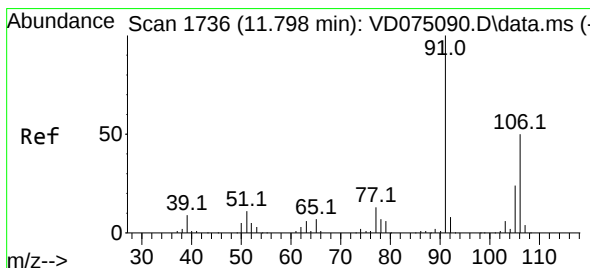
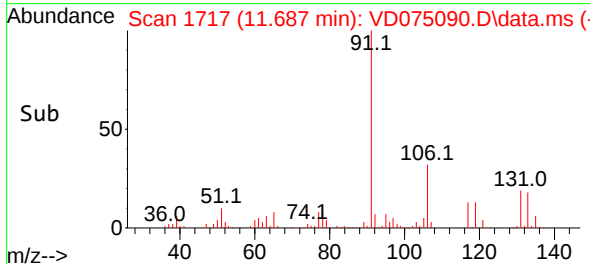
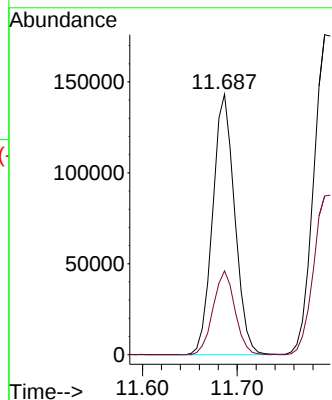
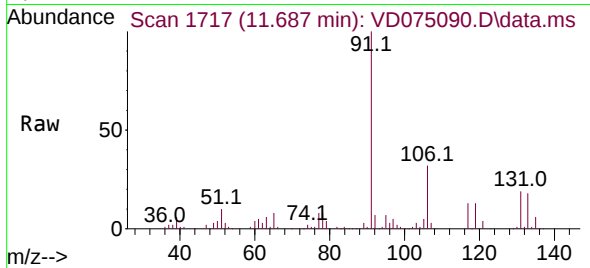




#67
Ethyl Benzene
Concen: 47.017 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

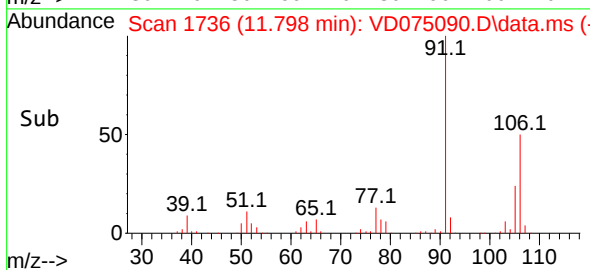
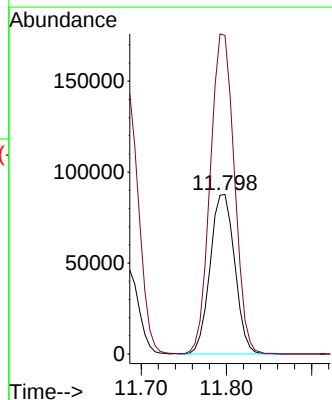
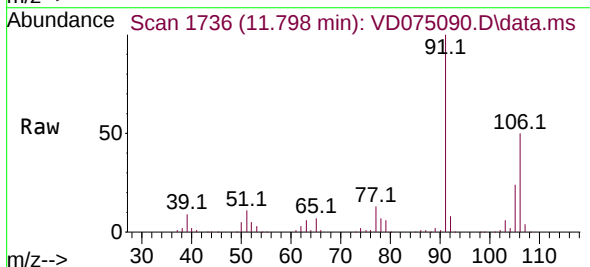
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

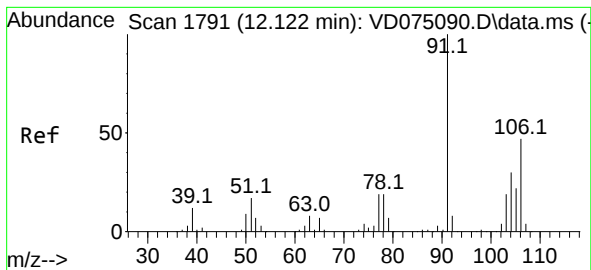
Tgt Ion: 91 Resp: 231772
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.6



#68
m/p-Xylenes
Concen: 92.512 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion:106 Resp: 175787
Ion Ratio Lower Upper
106 100
91 197.4 157.9 236.9

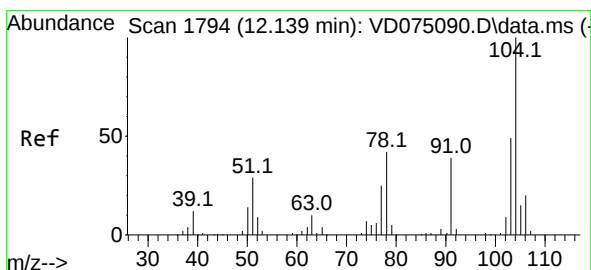
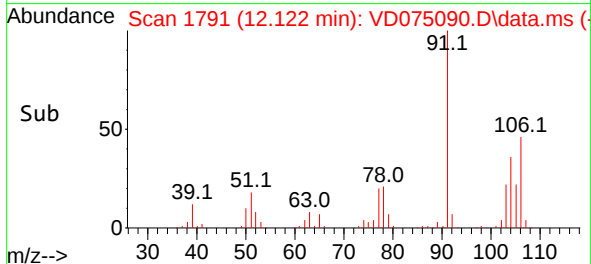
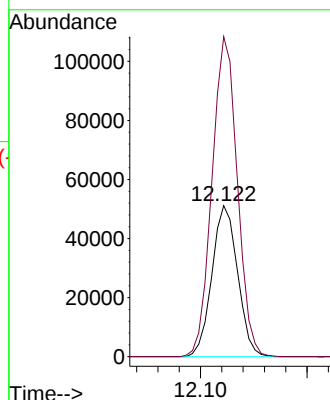
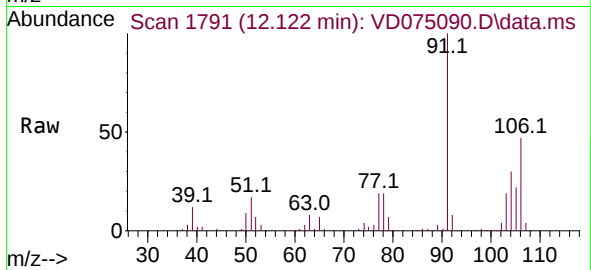




#69
o-Xylene
Concen: 46.427 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

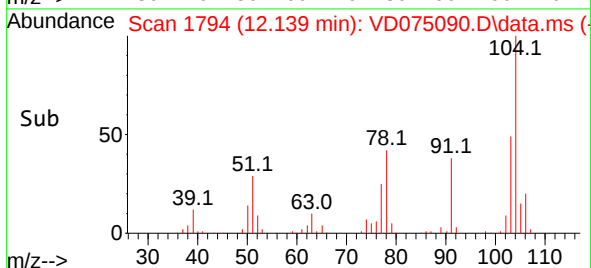
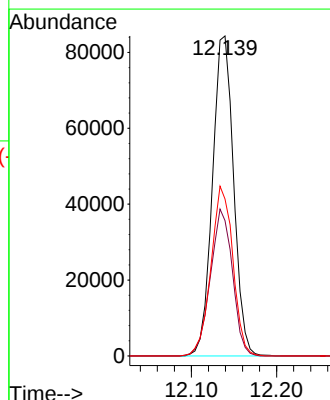
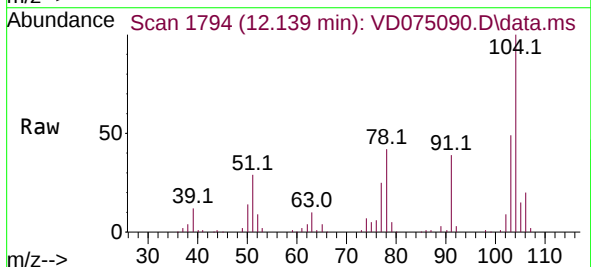
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

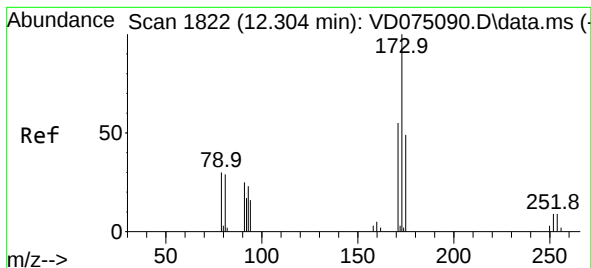
Tgt Ion:106 Resp: 85500
Ion Ratio Lower Upper
106 100
91 208.9 104.5 313.3



#70
Styrene
Concen: 47.228 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion:104 Resp: 145360
Ion Ratio Lower Upper
104 100
78 47.7 38.2 57.2
103 54.9 43.9 65.9





#71

Bromoform

Concen: 49.053 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

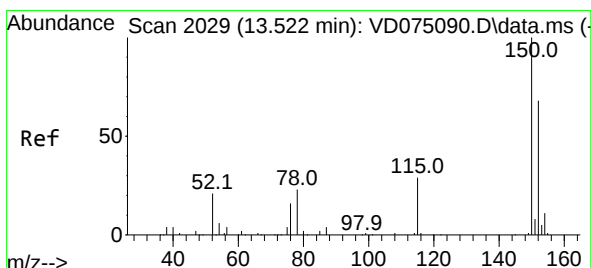
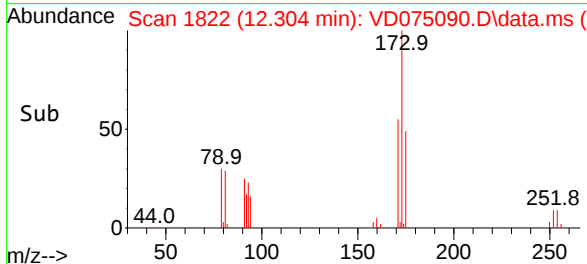
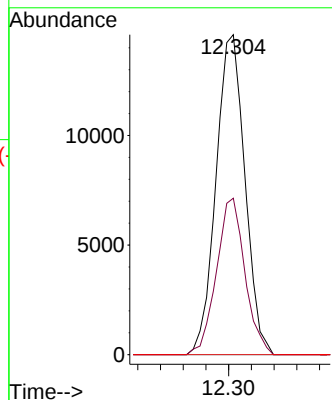
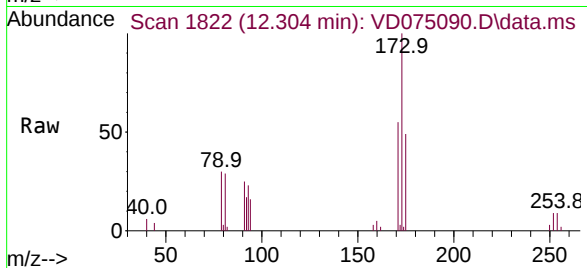
Tgt Ion:173 Resp: 25791

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

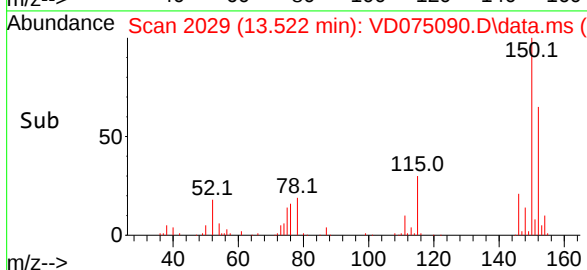
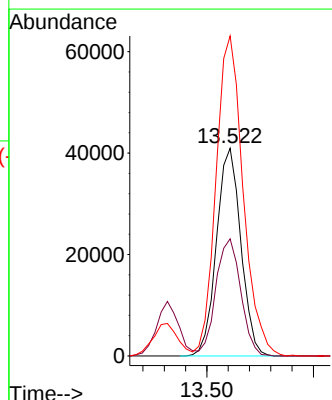
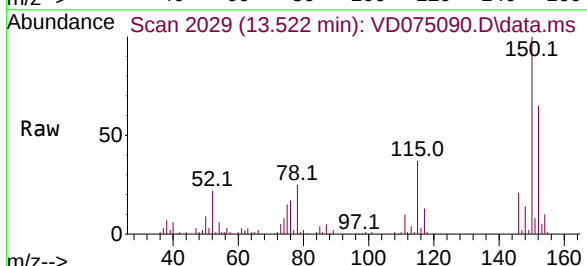
Tgt Ion:152 Resp: 64892

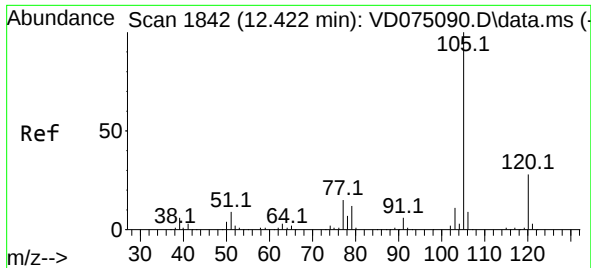
Ion Ratio Lower Upper

152 100

115 57.4 28.7 86.1

150 171.6 0.0 343.2

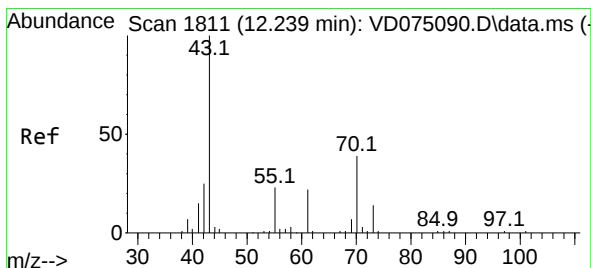
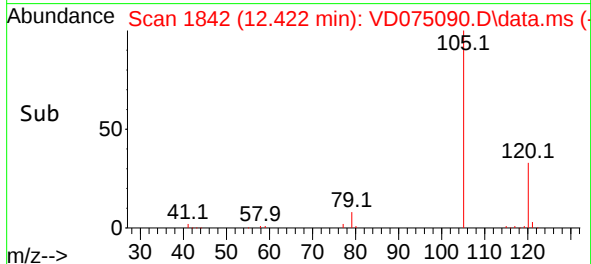
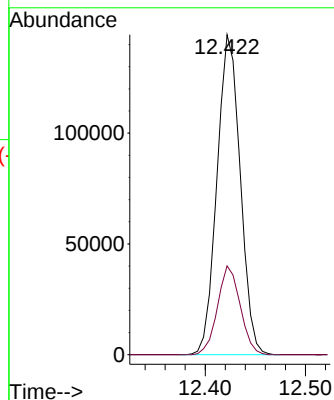
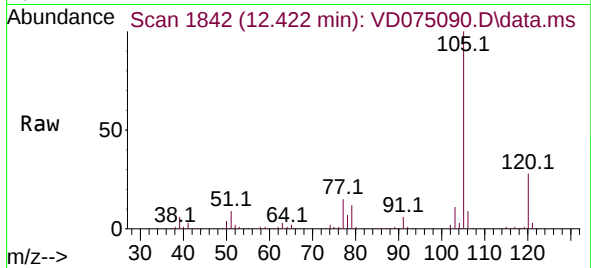




#73
Isopropylbenzene
Concen: 47.894 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

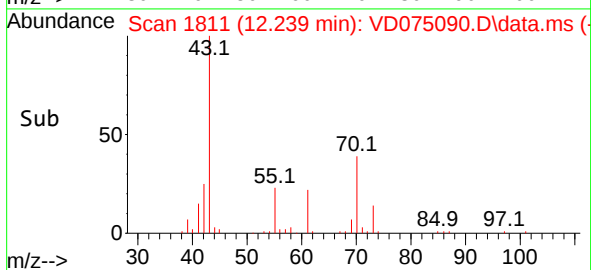
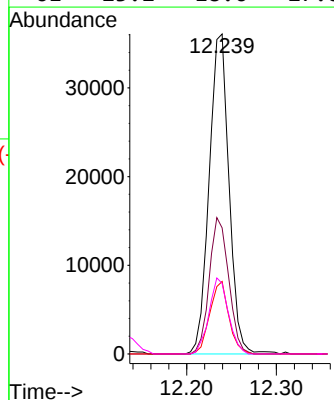
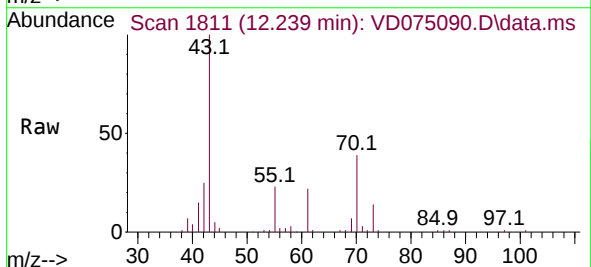
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

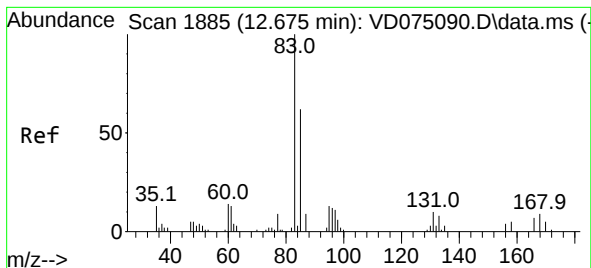
Tgt Ion:105 Resp: 232376
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.7



#74
N-ethyl acetate
Concen: 50.308 ug/l
RT: 12.239 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion: 43 Resp: 55443
Ion Ratio Lower Upper
43 100
70 41.7 33.4 50.0
55 21.7 17.4 26.0
61 23.2 18.6 27.8

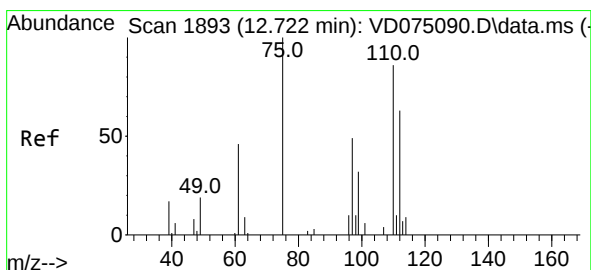
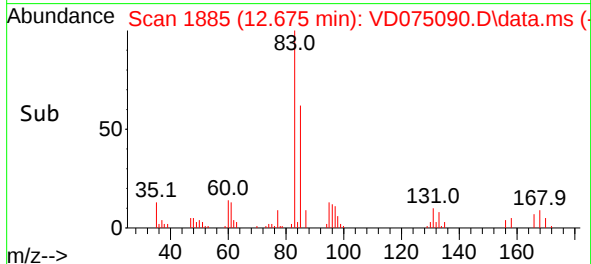
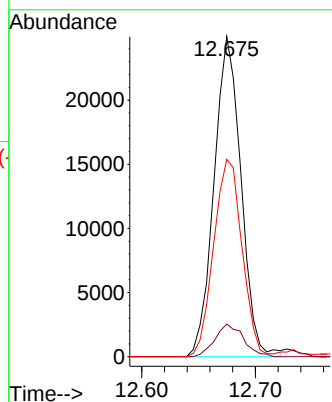
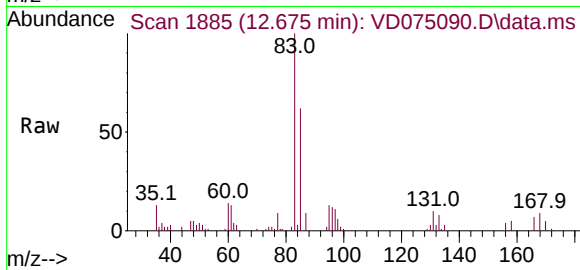




#75
1,1,2,2-Tetrachloroethane
Concen: 49.560 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

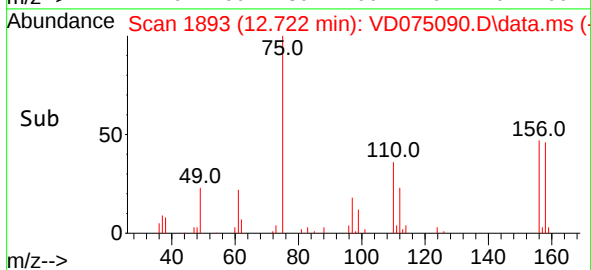
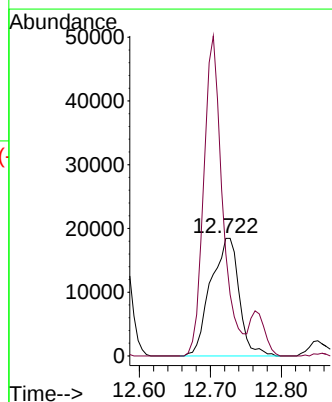
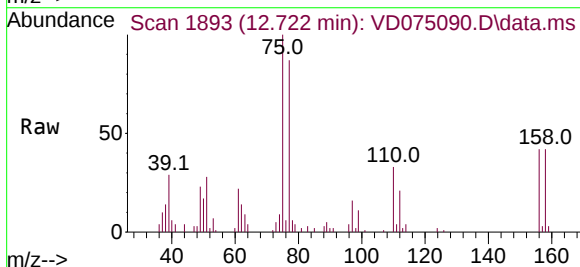
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

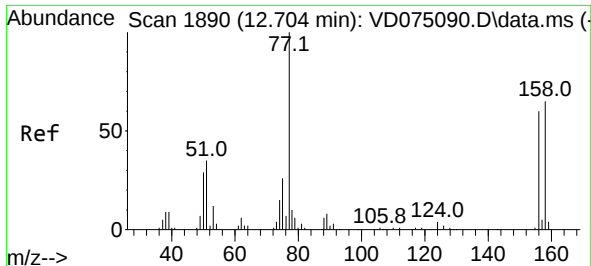
Tgt Ion: 83 Resp: 41211
Ion Ratio Lower Upper
83 100
131 10.7 5.3 16.1
85 64.8 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 75.367 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion: 75 Resp: 51181
Ion Ratio Lower Upper
75 100
77 182.7 149.0 447.1

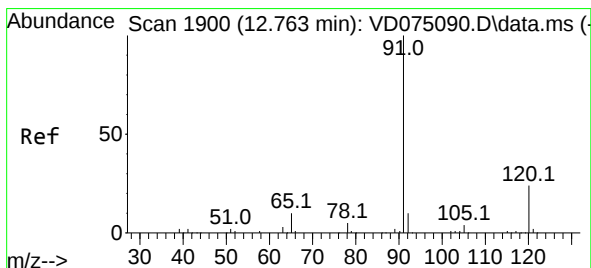
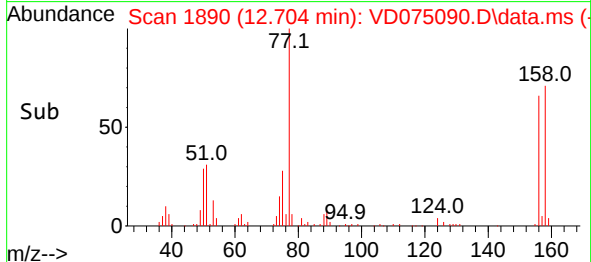
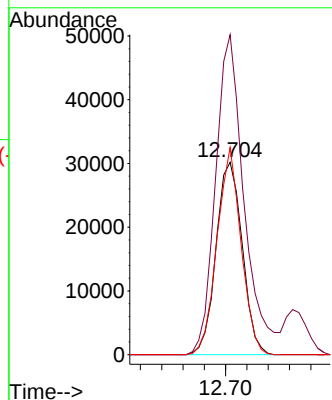
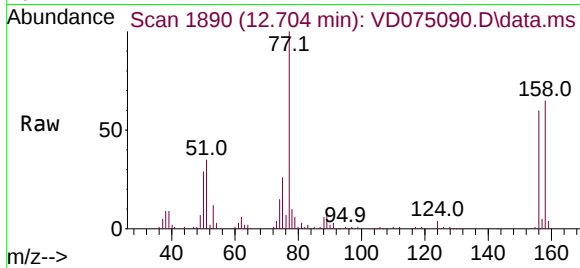




#77
Bromobenzene
Concen: 48.466 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

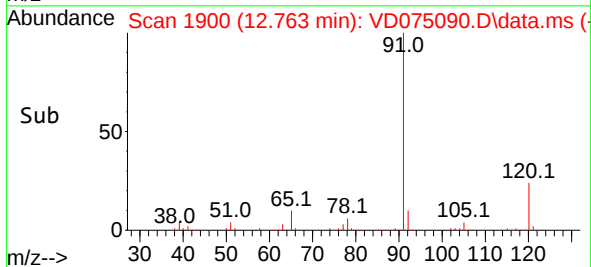
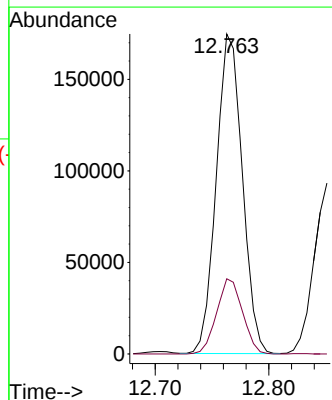
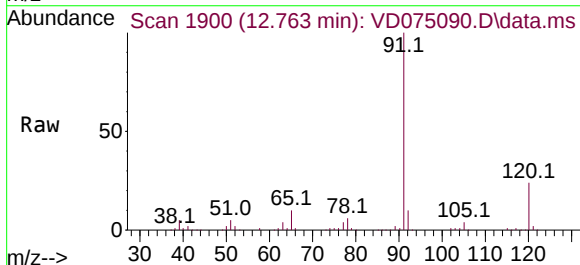
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

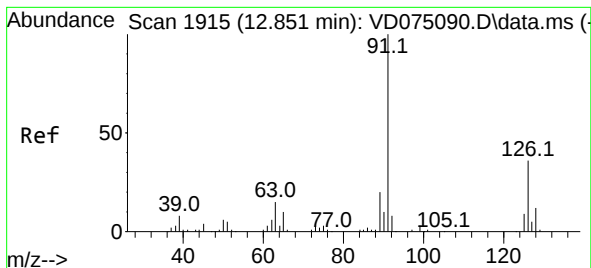
Tgt Ion:156 Resp: 51479
Ion Ratio Lower Upper
156 100
77 181.7 90.8 272.5
158 98.7 49.4 148.0



#78
n-propylbenzene
Concen: 47.757 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion: 91 Resp: 277905
Ion Ratio Lower Upper
91 100
120 23.3 11.7 35.0





#79

2-Chlorotoluene

Concen: 47.505 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

Instrument :

MSVOA_D

ClientSampleId :

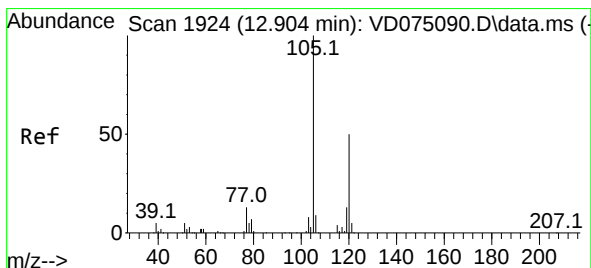
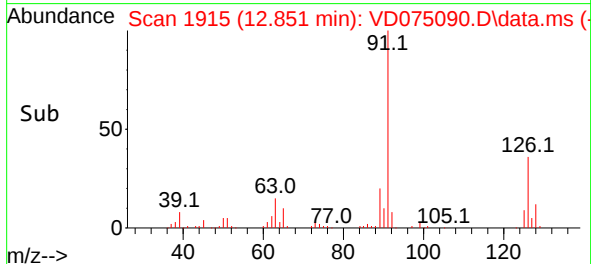
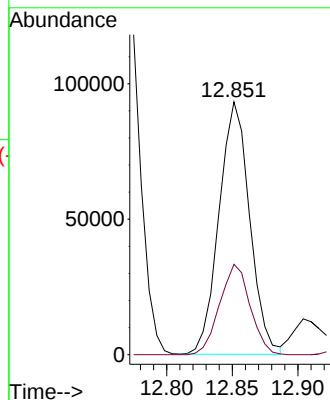
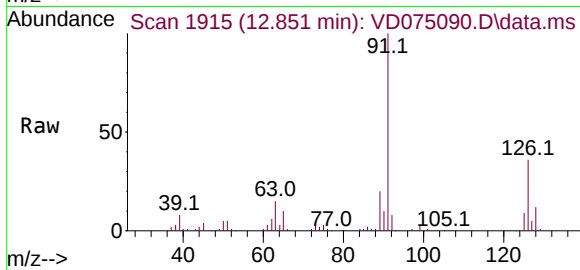
VSTDICCC050

Tgt Ion: 91 Resp: 151922

Ion Ratio Lower Upper

91 100

126 35.4 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 46.994 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075090.D

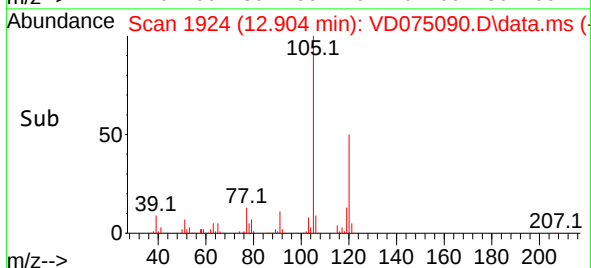
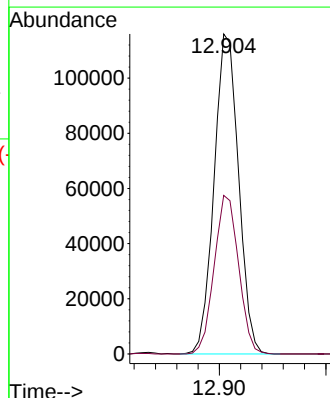
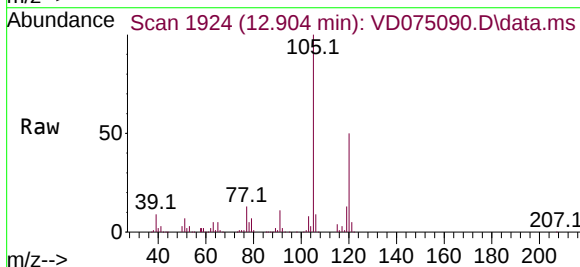
Acq: 09 Jan 2023 13:26

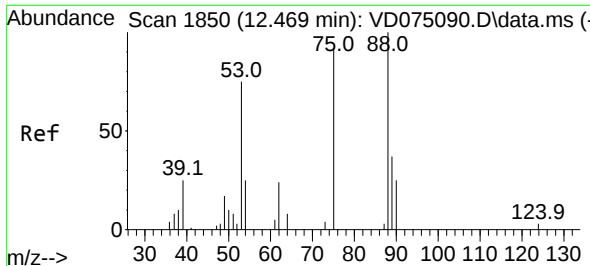
Tgt Ion: 105 Resp: 184976

Ion Ratio Lower Upper

105 100

120 49.5 24.8 74.3

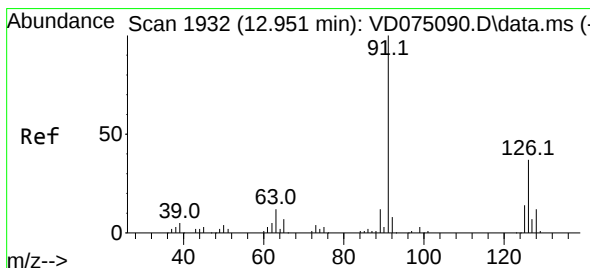
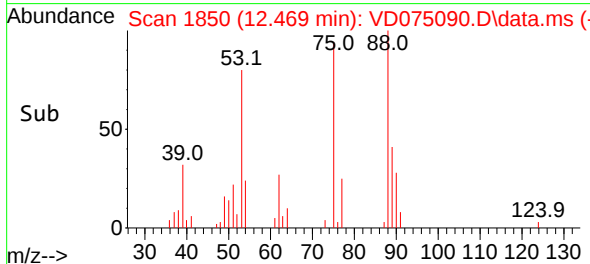
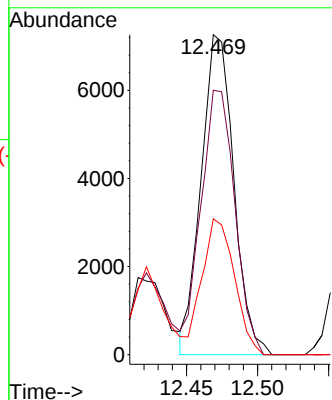
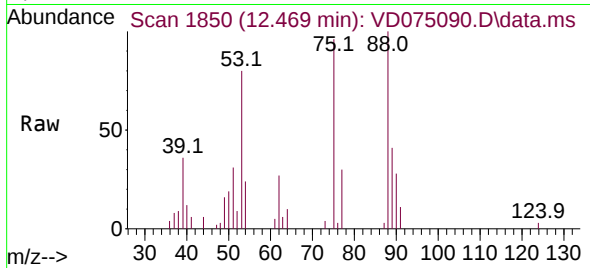




#81
trans-1,4-Dichloro-2-butene
Concen: 49.779 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

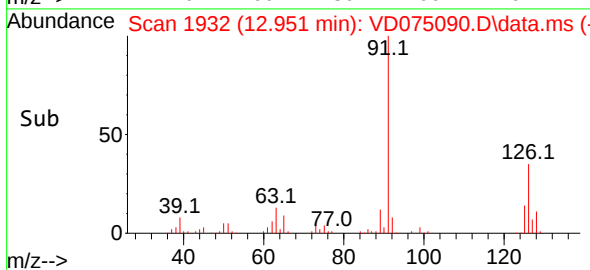
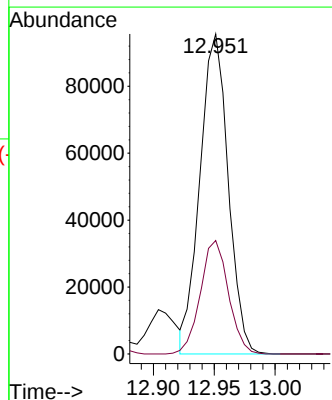
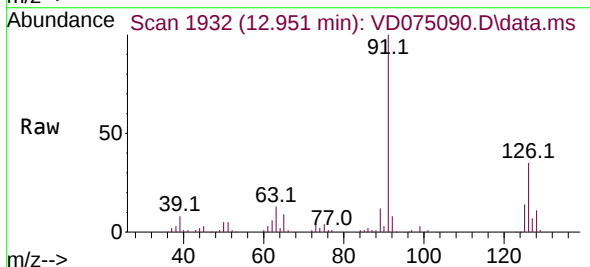
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

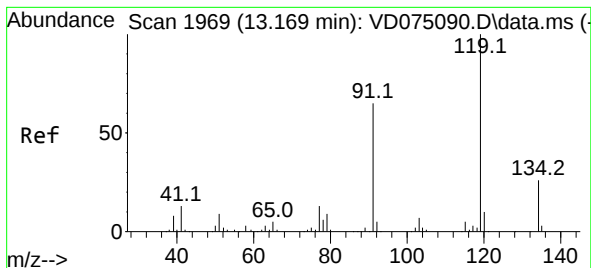
Tgt Ion: 75 Resp: 11606
Ion Ratio Lower Upper
75 100
53 85.8 68.6 103.0
89 41.7 33.4 50.0



#82
4-Chlorotoluene
Concen: 47.211 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion: 91 Resp: 154655
Ion Ratio Lower Upper
91 100
126 35.2 17.6 52.8

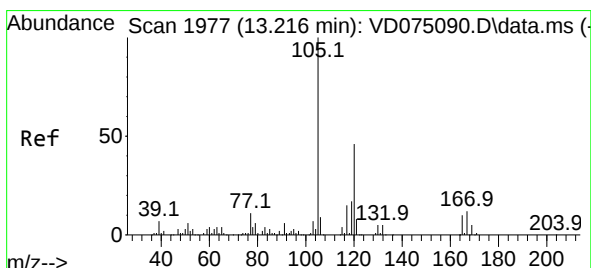
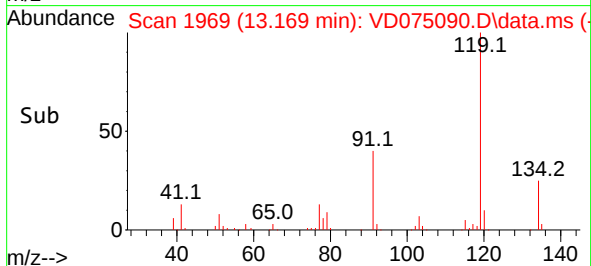
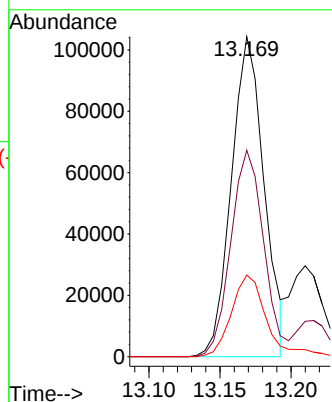
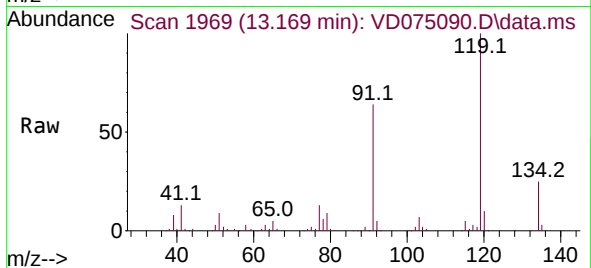




#83
tert-Butylbenzene
Concen: 48.059 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

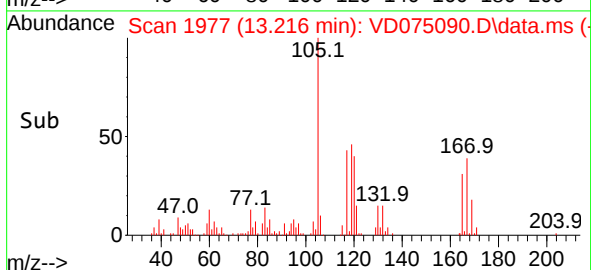
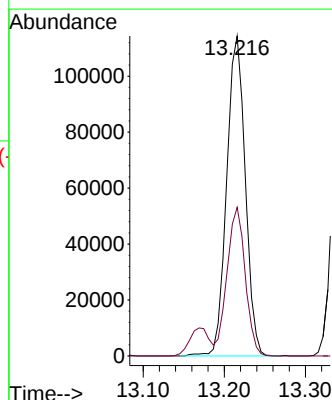
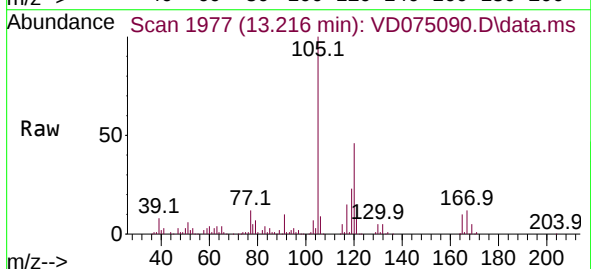
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

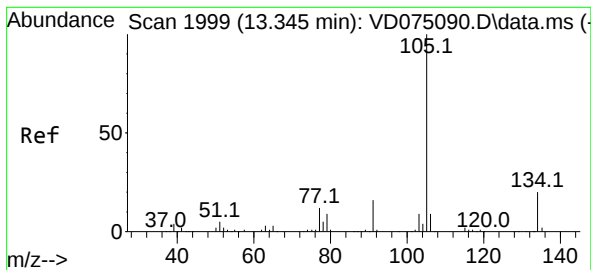
Tgt Ion:119 Resp: 166955
Ion Ratio Lower Upper
119 100
91 65.2 32.6 97.8
134 27.4 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 47.835 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion:105 Resp: 181966
Ion Ratio Lower Upper
105 100
120 45.6 22.8 68.4





#85

sec-Butylbenzene

Concen: 47.890 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

Instrument :

MSVOA_D

ClientSampleId :

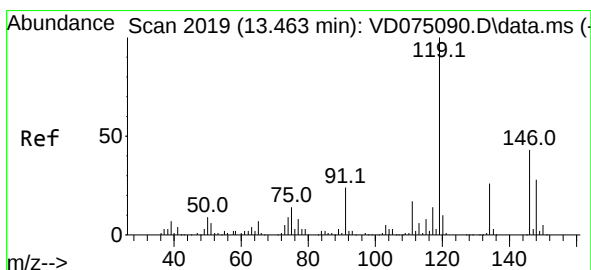
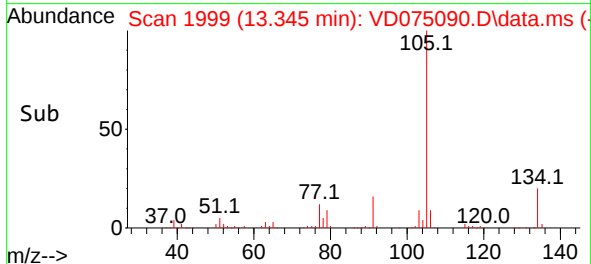
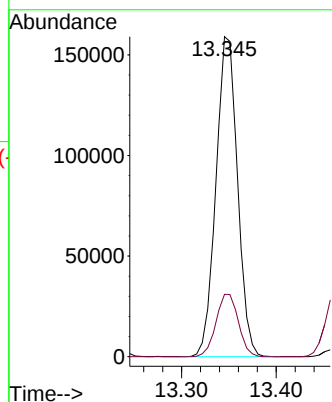
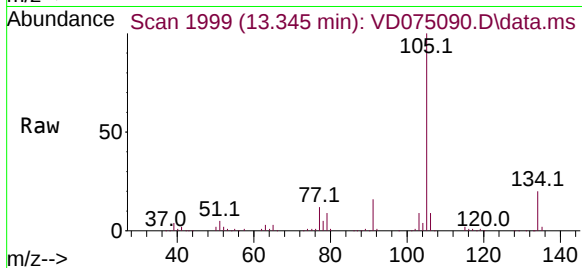
VSTDICCC050

Tgt Ion:105 Resp: 252081

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 47.668 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

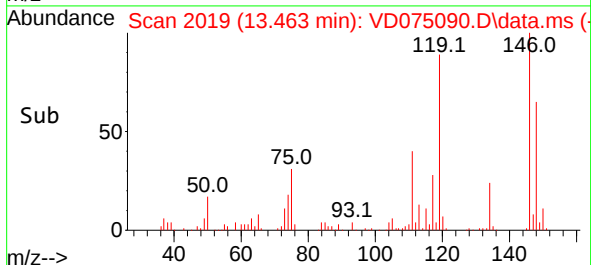
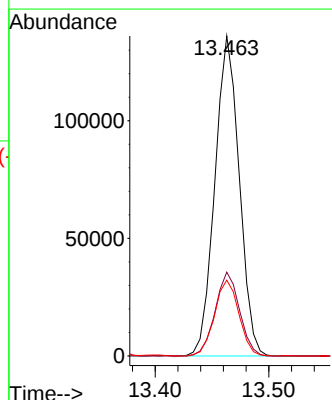
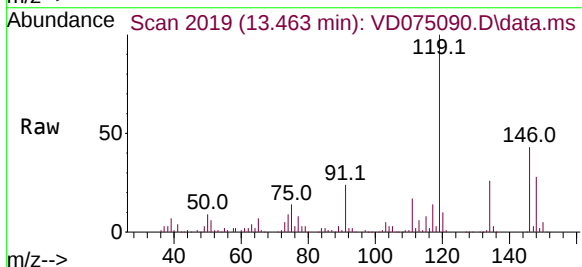
Tgt Ion:119 Resp: 202678

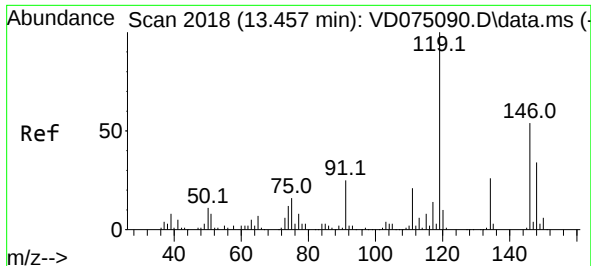
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 23.7 11.9 35.5

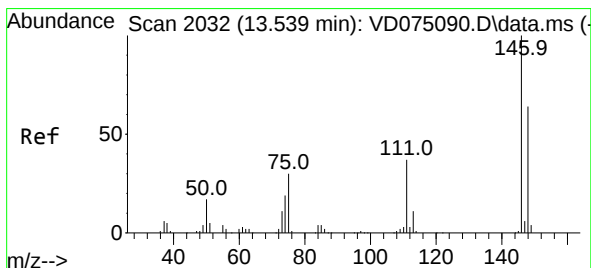
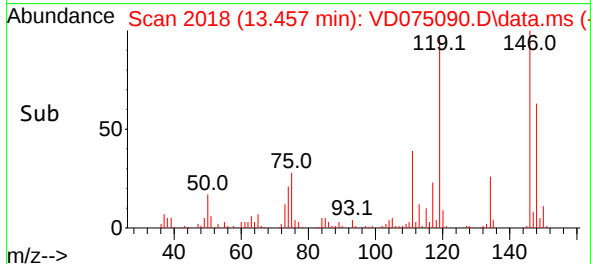
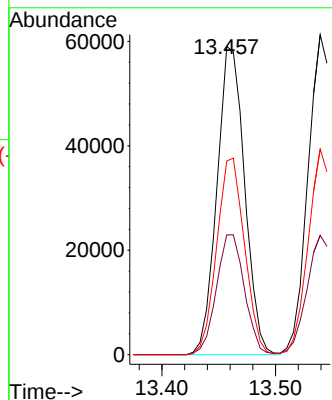
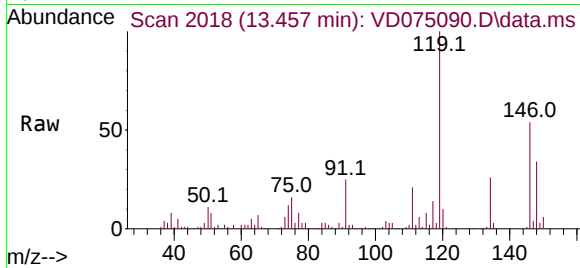




#87
1,3-Dichlorobenzene
Concen: 47.275 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

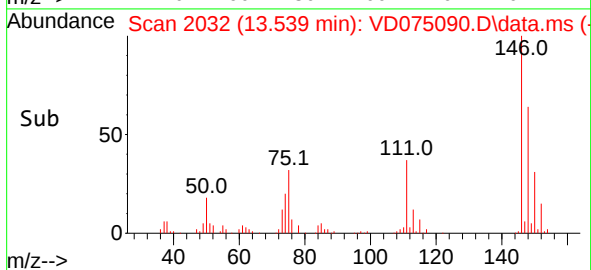
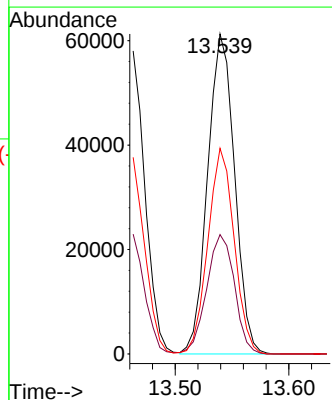
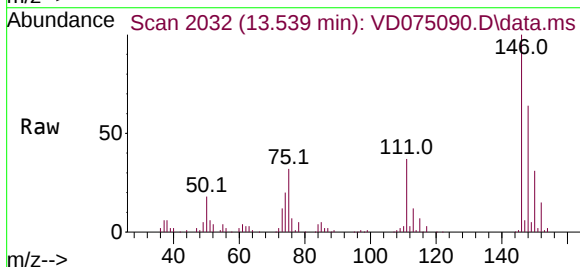
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

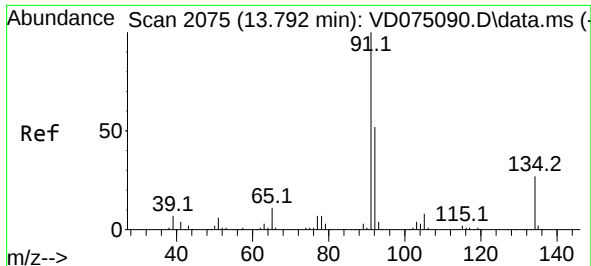
Tgt Ion:146 Resp: 99979
Ion Ratio Lower Upper
146 100
111 39.4 19.7 59.1
148 64.0 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 47.268 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion:146 Resp: 101085
Ion Ratio Lower Upper
146 100
111 38.5 19.3 57.8
148 62.7 31.4 94.0

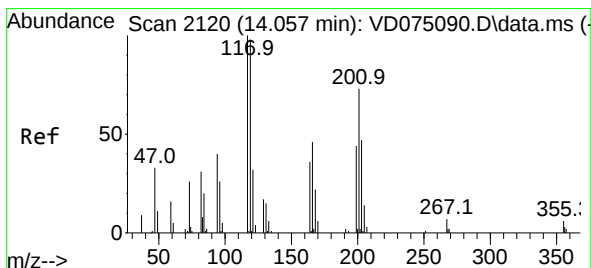
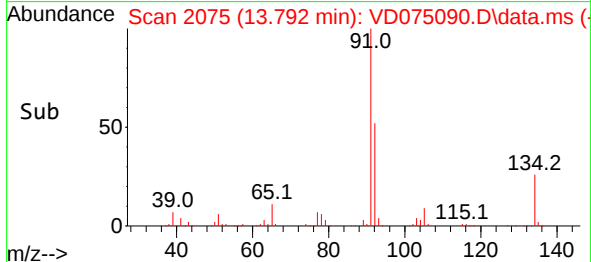
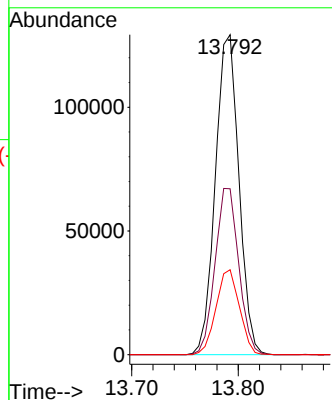
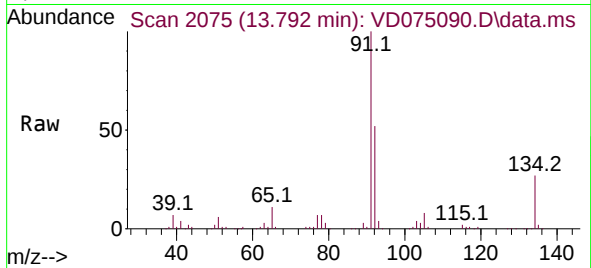




#89
n-Butylbenzene
Concen: 47.411 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

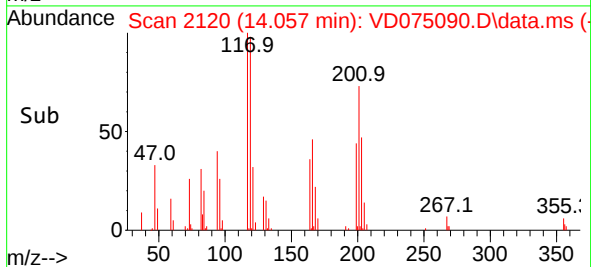
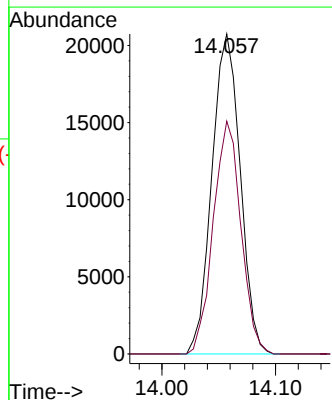
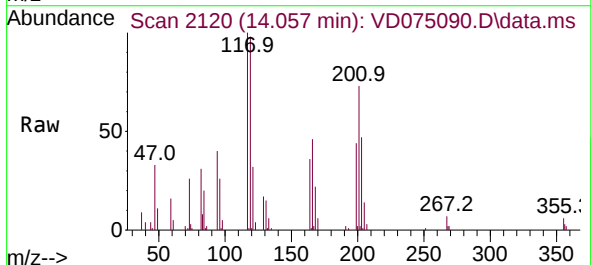
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

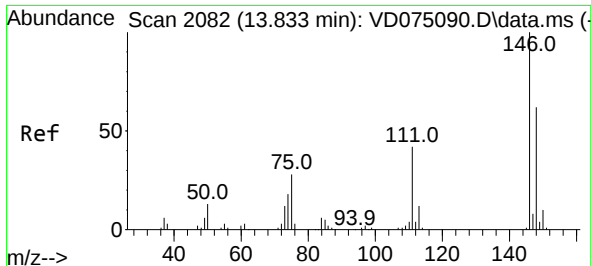
Tgt Ion: 91 Resp: 198255
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 26.4 13.2 39.6



#90
Hexachloroethane
Concen: 48.464 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion: 117 Resp: 35918
Ion Ratio Lower Upper
117 100
201 71.1 35.5 106.7

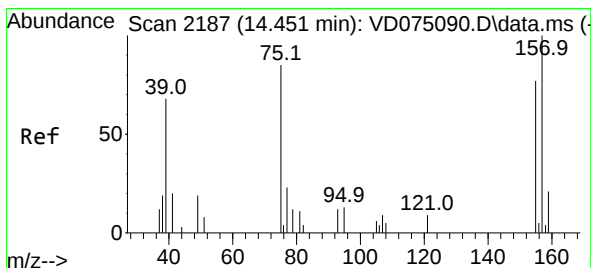
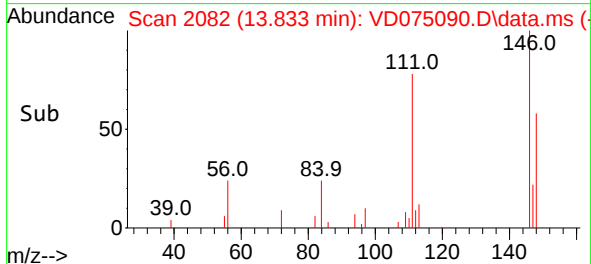
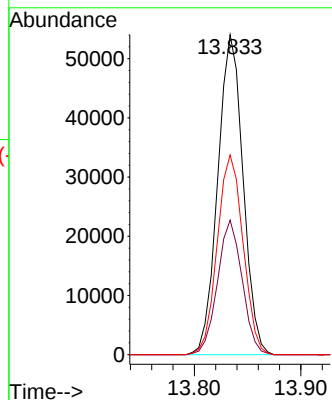
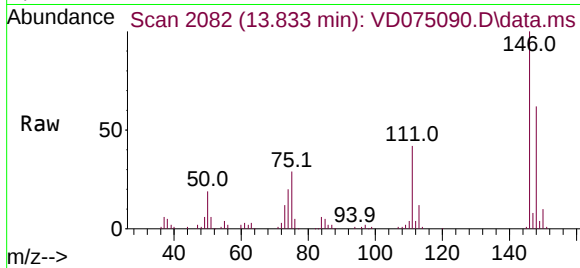




#91
1,2-Dichlorobenzene
Concen: 47.018 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

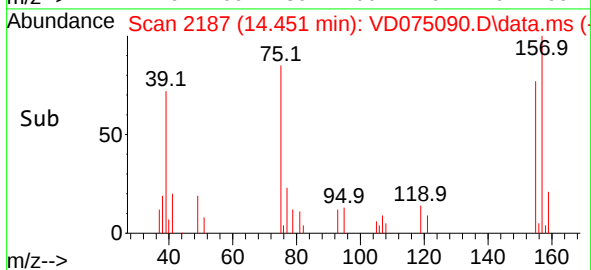
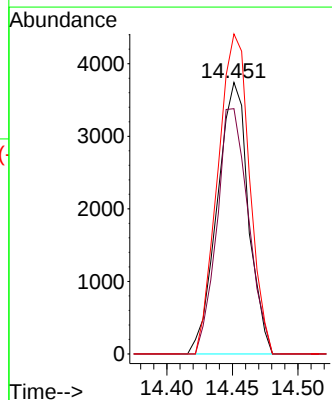
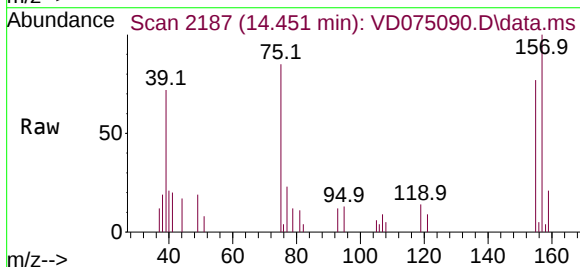
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

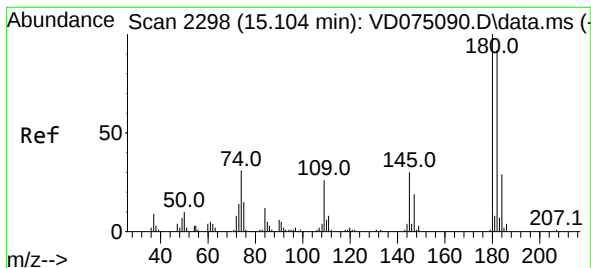
Tgt Ion:146 Resp: 89000
Ion Ratio Lower Upper
146 100
111 41.0 20.5 61.5
148 63.7 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.260 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD075090.D
Acq: 09 Jan 2023 13:26

Tgt Ion: 75 Resp: 6186
Ion Ratio Lower Upper
75 100
155 90.8 45.4 136.2
157 120.1 60.1 180.2





#93

1,2,4-Trichlorobenzene

Concen: 48.498 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

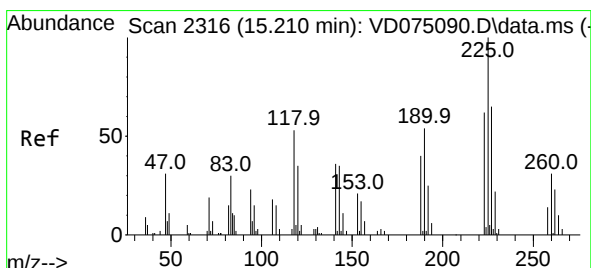
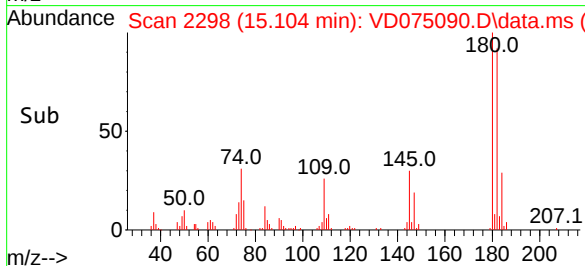
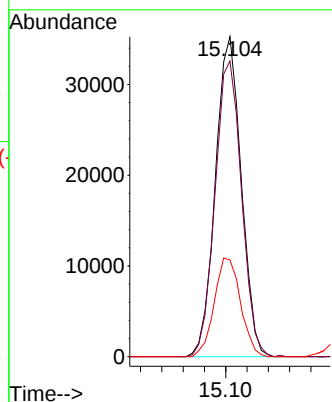
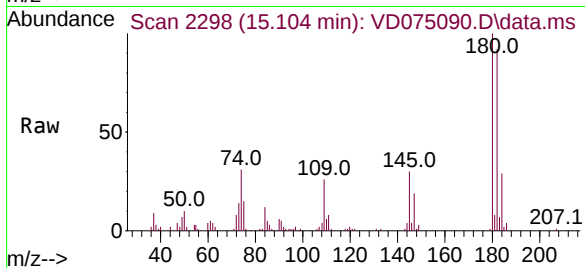
Tgt Ion:180 Resp: 59359

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 31.3 15.7 47.0



#94

Hexachlorobutadiene

Concen: 48.916 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

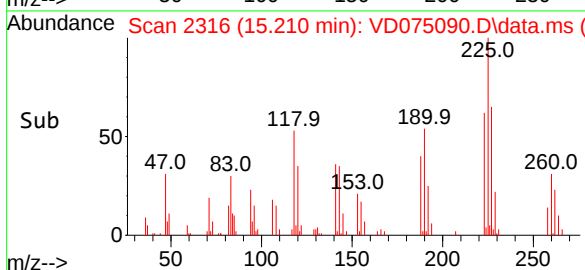
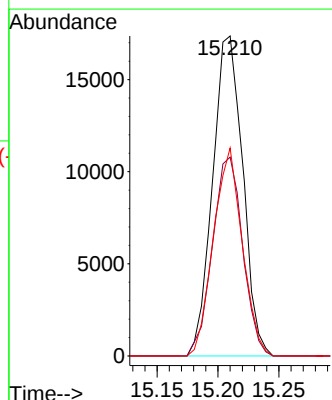
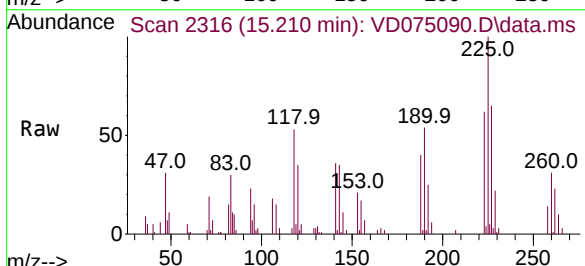
Tgt Ion:225 Resp: 29846

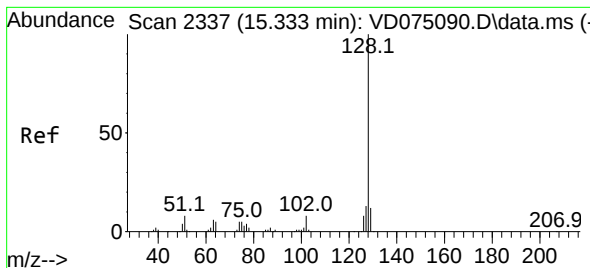
Ion Ratio Lower Upper

225 100

223 62.3 31.1 93.5

227 62.2 31.1 93.3





#95

Naphthalene

Concen: 49.523 ug/l

RT: 15.333 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

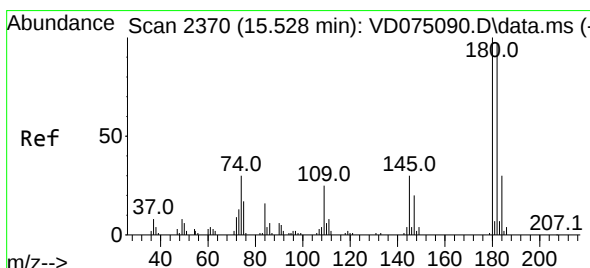
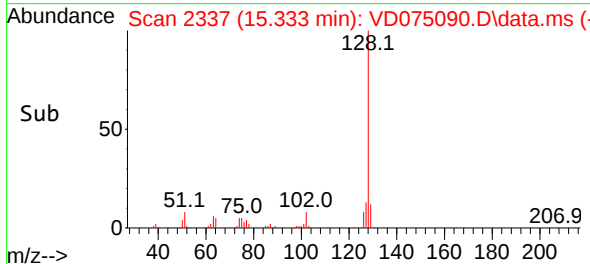
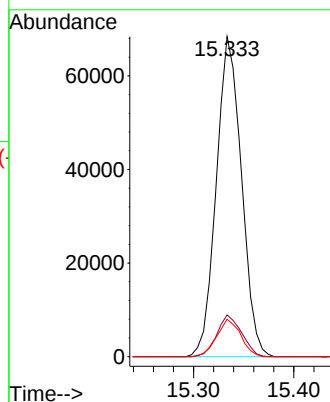
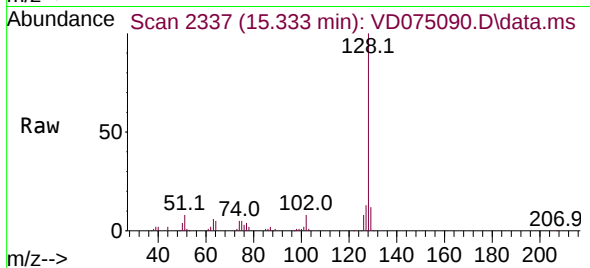
Tgt Ion:128 Resp: 119021

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 48.938 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.000 min

Lab File: VD075090.D

Acq: 09 Jan 2023 13:26

Tgt Ion:180 Resp: 51740

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.3

145 32.0 16.0 48.0

