

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
 Data File : VD076149.D
 Acq On : 19 May 2023 10:30
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/10.01ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 19 15:17:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	188663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	316890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	306985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162115	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92036	50.475	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.960%	
35) Dibromofluoromethane	7.804	113	104115	47.532	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.060%	
50) Toluene-d8	10.269	98	415046	48.607	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.220%	
62) 4-Bromofluorobenzene	12.575	95	118855	50.109	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.220%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	75179	44.183	ug/l	96
3) Chloromethane	2.146	50	146862	52.804	ug/l	94
4) Vinyl Chloride	2.281	62	184208	50.198	ug/l	94
5) Bromomethane	2.687	94	125358	50.741	ug/l	97
6) Chloroethane	2.834	64	129016	52.258	ug/l	96
7) Trichlorofluoromethane	3.169	101	141767	45.579	ug/l	97
8) Diethyl Ether	3.593	74	50407	49.280	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.963	101	94627	46.187	ug/l	94
10) Methyl Iodide	4.163	142	115592	54.262	ug/l	91
11) Tert butyl alcohol	5.063	59	24624	255.294	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	92990	45.604	ug/l	94
13) Acrolein	3.793	56	66952	283.620	ug/l	94
14) Allyl chloride	4.558	41	96172	46.473	ug/l #	80
15) Acrylonitrile	5.258	53	114863	271.212	ug/l	97
16) Acetone	4.016	43	100832	277.939	ug/l #	77
17) Carbon Disulfide	4.269	76	274068	49.639	ug/l	98
18) Methyl Acetate	4.558	43	69523	53.722	ug/l #	80
19) Methyl tert-butyl Ether	5.316	73	214026	53.627	ug/l	99
20) Methylene Chloride	4.793	84	133708	45.695	ug/l #	76
21) trans-1,2-Dichloroethene	5.305	96	114369	48.667	ug/l #	82
22) Diisopropyl ether	6.216	45	257995	53.711	ug/l #	89
23) Vinyl Acetate	6.157	43	621580	329.111	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	190326	50.242	ug/l	97
25) 2-Butanone	7.087	43	130007	285.007	ug/l #	79
26) 2,2-Dichloropropane	7.075	77	151262	48.969	ug/l	92
27) cis-1,2-Dichloroethene	7.075	96	131620	50.471	ug/l	85
28) Bromochloromethane	7.428	49	65388	51.766	ug/l #	68
29) Tetrahydrofuran	7.446	42	75669	284.605	ug/l #	67
30) Chloroform	7.593	83	206296	50.924	ug/l	95
31) Cyclohexane	7.875	56	128165	45.895	ug/l #	82
32) 1,1,1-Trichloroethane	7.793	97	155973	48.312	ug/l	97
36) 1,1-Dichloropropene	8.010	75	143780	48.603	ug/l	95
37) Ethyl Acetate	7.169	43	53829	52.548	ug/l #	83
38) Carbon Tetrachloride	7.993	117	123418	46.188	ug/l	95
39) Methylcyclohexane	9.275	83	154495	45.362	ug/l	93
40) Benzene	8.251	78	466692	49.069	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	28010	49.867	ug/l #	68
42) 1,2-Dichloroethane	8.328	62	115660	51.414	ug/l	91
43) Isopropyl Acetate	8.357	43	94823	49.553	ug/l #	83
44) Trichloroethene	9.028	130	118613	44.253	ug/l	91
45) 1,2-Dichloropropane	9.304	63	116367	49.603	ug/l	93
46) Dibromomethane	9.393	93	67308	51.186	ug/l	97
47) Bromodichloromethane	9.581	83	158845	50.262	ug/l	95
48) Methyl methacrylate	9.381	41	41382	48.862	ug/l #	59
49) 1,4-Dioxane	9.387	88	15373	1093.255	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	272005	267.266	ug/l #	82
52) Toluene	10.334	92	300516	50.591	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	147007	51.612	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	179146	51.537	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	99865	52.959	ug/l	93
56) Ethyl methacrylate	10.598	69	101635	53.622	ug/l #	69
57) 1,3-Dichloropropane	10.881	76	153614	51.924	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	245114	269.529	ug/l	93
59) 2-Hexanone	10.922	43	193623	269.770	ug/l	75
60) Dibromochloromethane	11.075	129	108988	51.402	ug/l	99
61) 1,2-Dibromoethane	11.175	107	87939	52.425	ug/l	99
64) Tetrachloroethene	10.810	164	97265	41.203	ug/l	92
65) Chlorobenzene	11.610	112	324694	46.459	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	113025	46.994	ug/l	95
67) Ethyl Benzene	11.687	91	543048	48.628	ug/l	93
68) m/p-Xylenes	11.792	106	451835	98.997	ug/l	91
69) o-Xylene	12.122	106	207745	49.883	ug/l	90
70) Styrene	12.134	104	375545	52.011	ug/l	93
71) Bromoform	12.298	173	63674	47.067	ug/l #	95
73) Isopropylbenzene	12.422	105	508639	47.429	ug/l	97
74) N-amyl acetate	12.234	43	87249	45.676	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.675	83	109329	47.434	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	126277	89.013	ug/l #	100
77) Bromobenzene	12.704	156	129612	45.092	ug/l	95
78) n-propylbenzene	12.763	91	636281	47.667	ug/l	98
79) 2-Chlorotoluene	12.851	91	347696	47.064	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	428836	48.237	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	32719	48.384	ug/l #	76
82) 4-Chlorotoluene	12.945	91	372909	47.455	ug/l	93
83) tert-Butylbenzene	13.169	119	359543	47.854	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	436726	49.327	ug/l	94
85) sec-Butylbenzene	13.345	105	562048	48.001	ug/l	98
86) p-Isopropyltoluene	13.463	119	468765	48.927	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	272696	46.923	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	266629	46.334	ug/l	97
89) n-Butylbenzene	13.786	91	422808	46.828	ug/l	99
90) Hexachloroethane	14.057	117	87994	44.650	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	239195	46.900	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14297	47.773	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	126328	42.583	ug/l	94
94) Hexachlorobutadiene	15.204	225	57068	37.729	ug/l	98
95) Naphthalene	15.333	128	255856	46.416	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	113034	41.895	ug/l	98

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VSTDCCC050

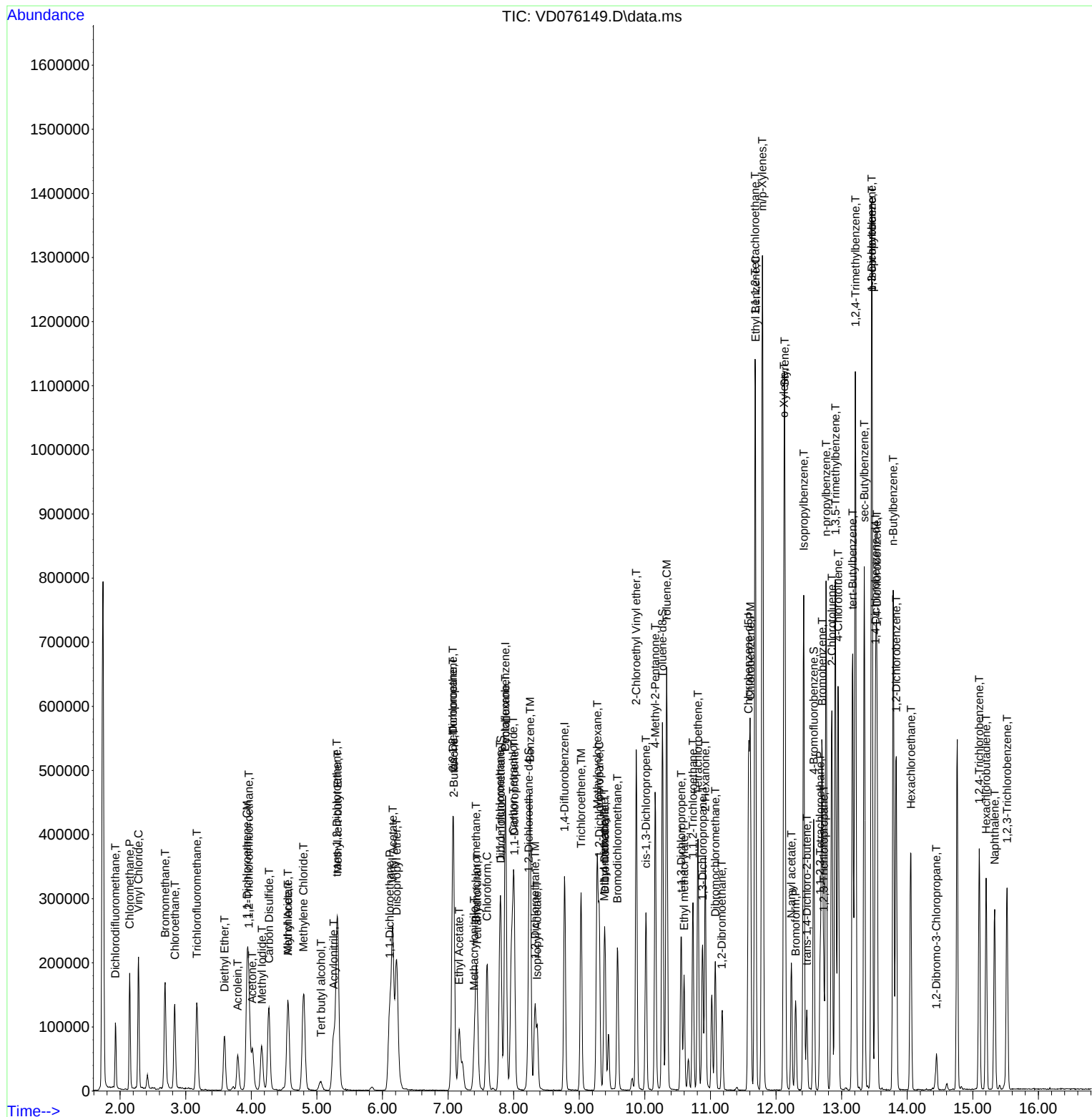
Quant Time: May 19 15:17:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
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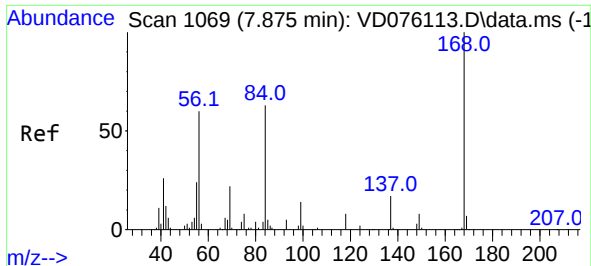
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_D
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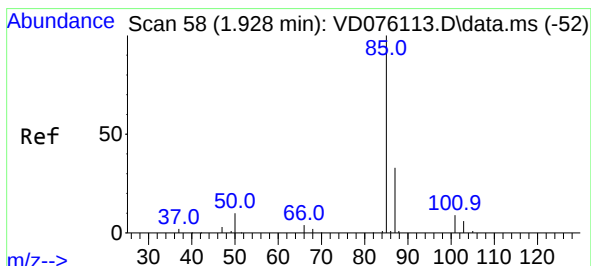
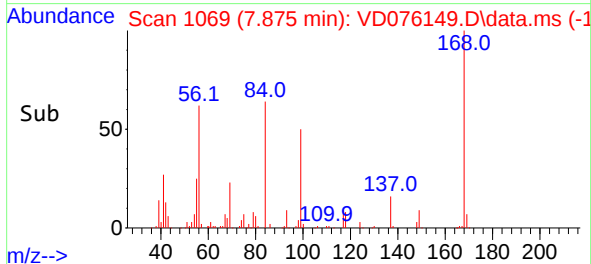
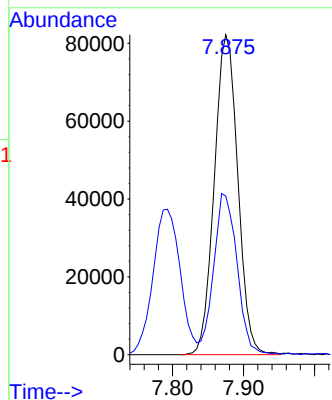
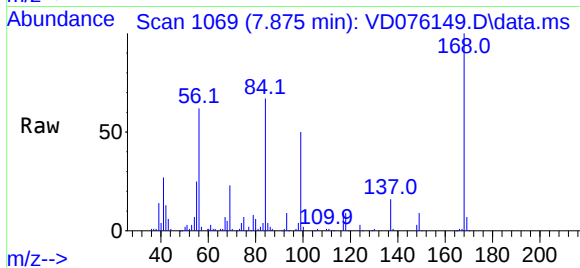




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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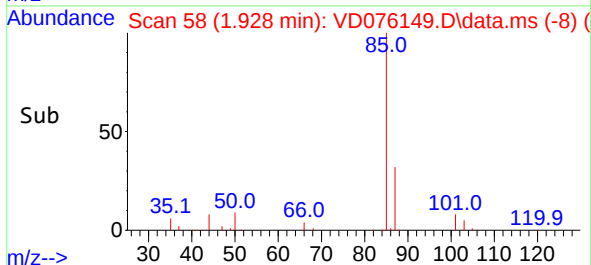
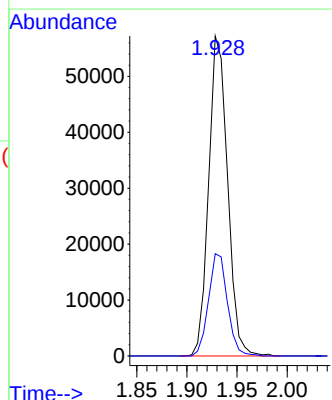
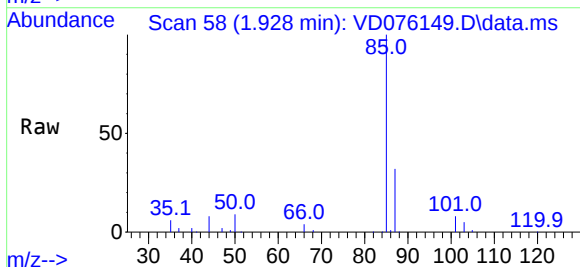
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 188663
Ion Ratio Lower Upper
168 100
99 49.3 43.8 65.6

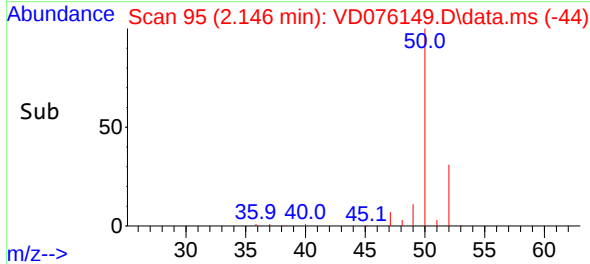
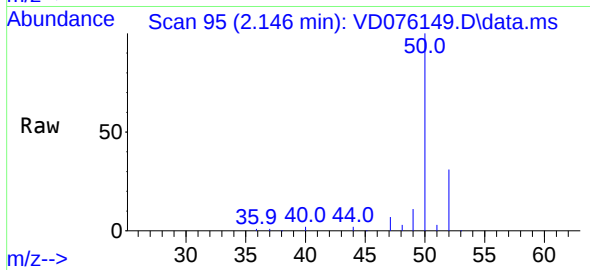
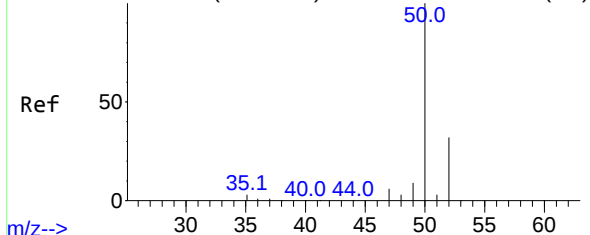


#2
Dichlorodifluoromethane
Concen: 44.183 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 85 Resp: 75179
Ion Ratio Lower Upper
85 100
87 32.0 17.3 51.7



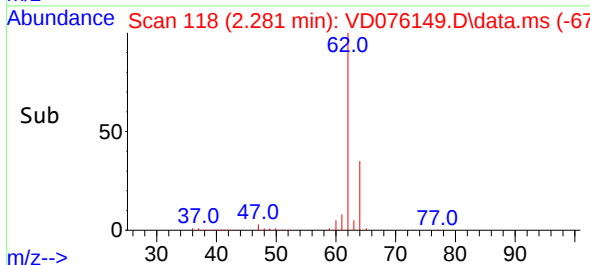
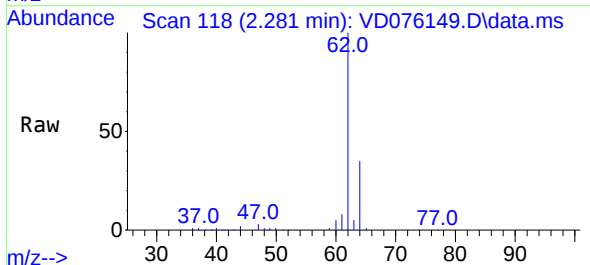
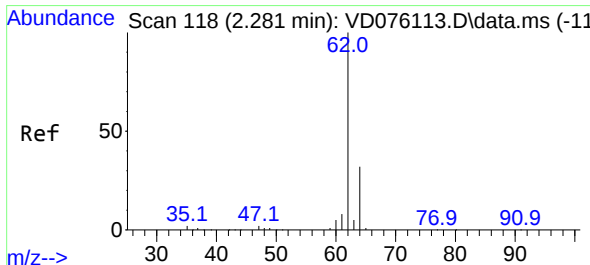
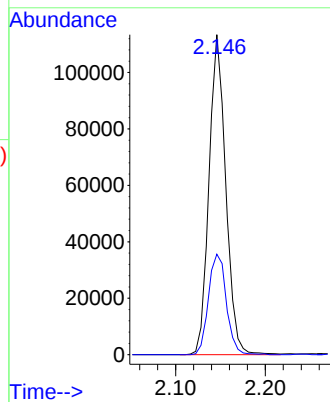
Abundance Scan 95 (2.146 min): VD076113.D\data.ms (-88)



#3
Chloromethane
Concen: 52.804 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

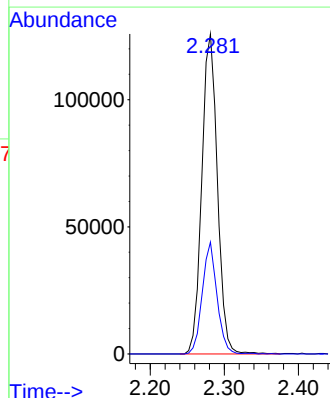
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

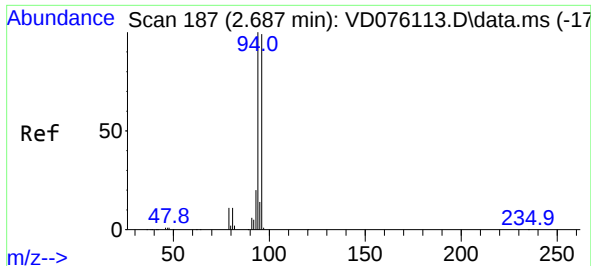
Tgt Ion: 50 Resp: 146862
Ion Ratio Lower Upper
50 100
52 31.4 27.8 41.8



#4
Vinyl Chloride
Concen: 50.198 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 62 Resp: 184208
Ion Ratio Lower Upper
62 100
64 34.9 25.4 38.0

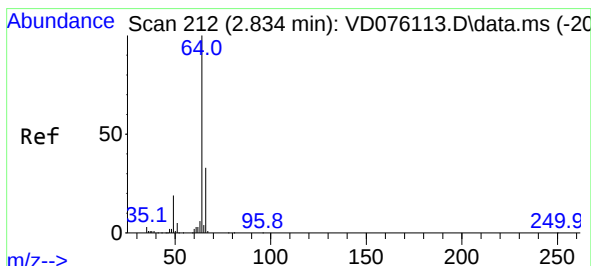
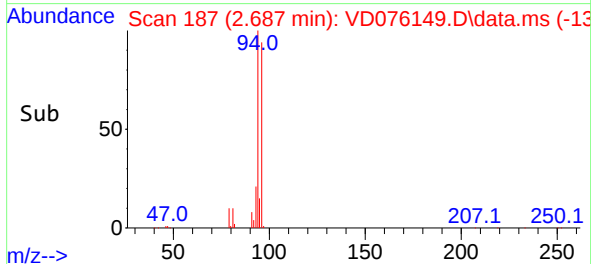
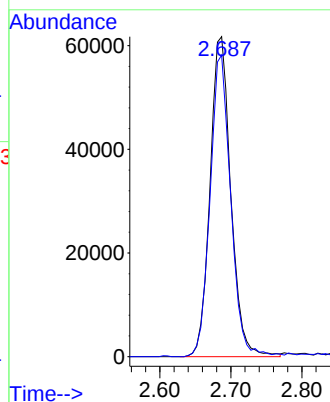
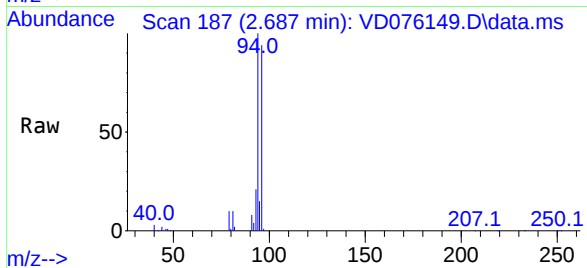




#5
Bromomethane
Concen: 50.741 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

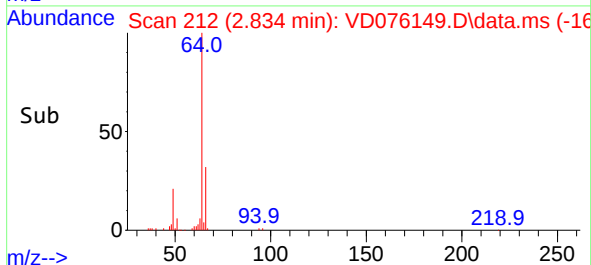
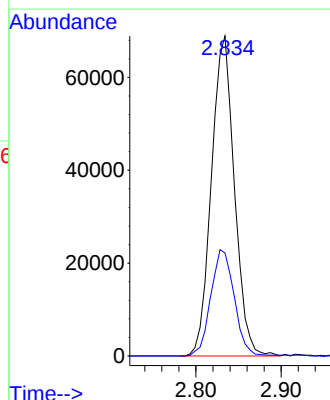
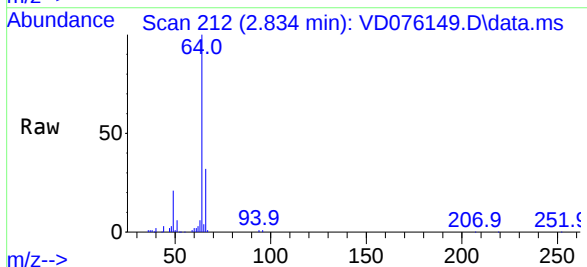
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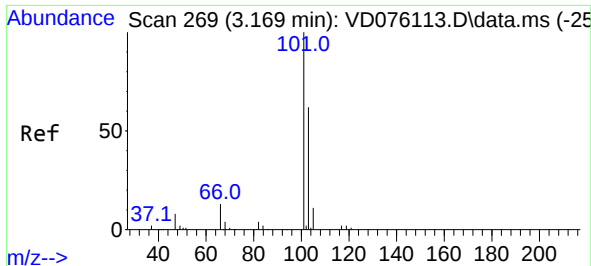
Tgt Ion: 94 Resp: 125358
Ion Ratio Lower Upper
94 100
96 93.7 77.5 116.3



#6
Chloroethane
Concen: 52.258 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 64 Resp: 129016
Ion Ratio Lower Upper
64 100
66 32.2 27.7 41.5

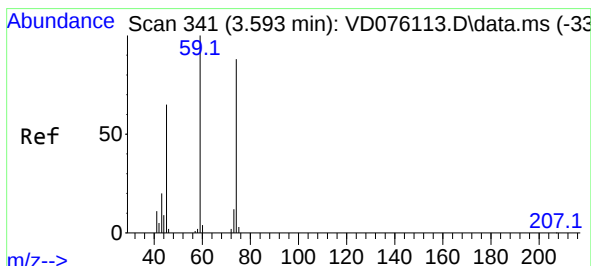
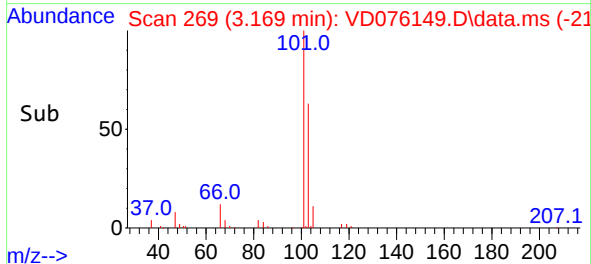
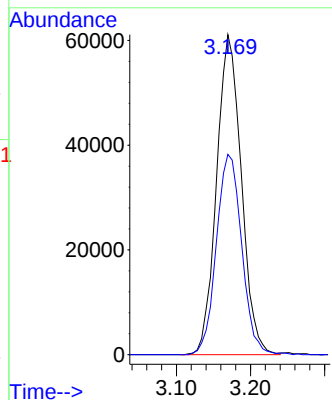
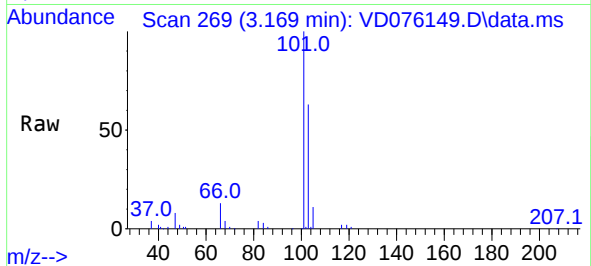




#7
Trichlorofluoromethane
Concen: 45.579 ug/l
RT: 3.169 min Scan# 207
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

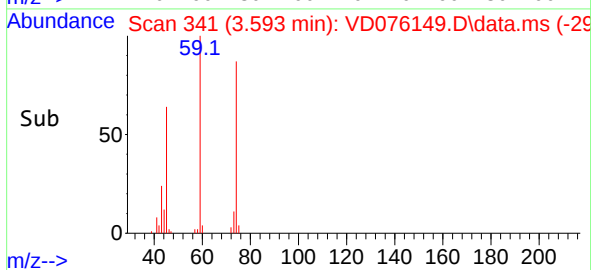
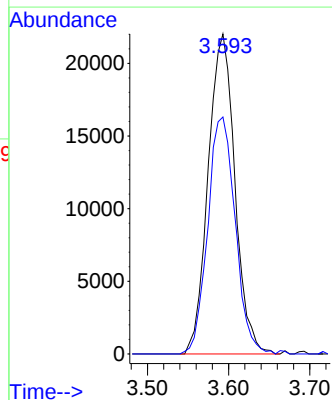
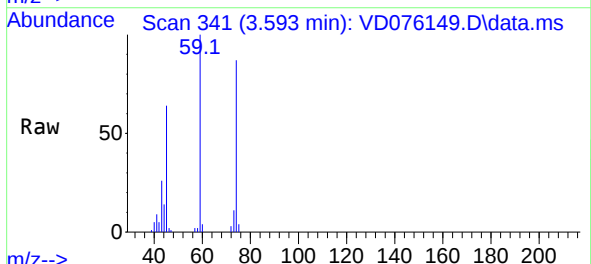
Instrument :
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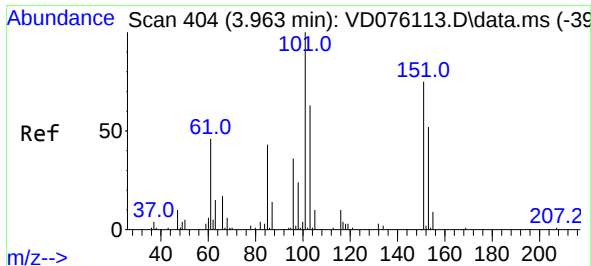
Tgt Ion:101 Resp: 141767
Ion Ratio Lower Upper
101 100
103 62.6 51.9 77.9



#8
Diethyl Ether
Concen: 49.280 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 74 Resp: 50407
Ion Ratio Lower Upper
74 100
45 76.2 50.9 152.7

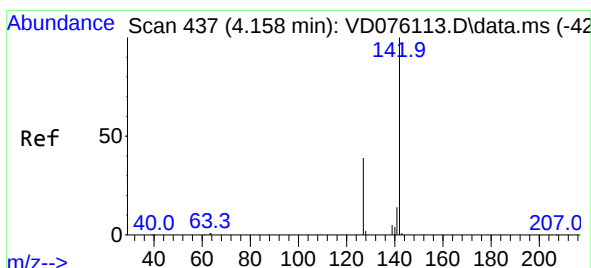
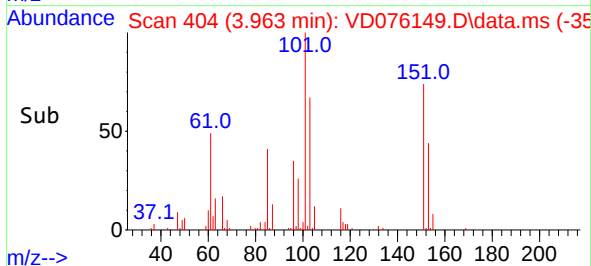
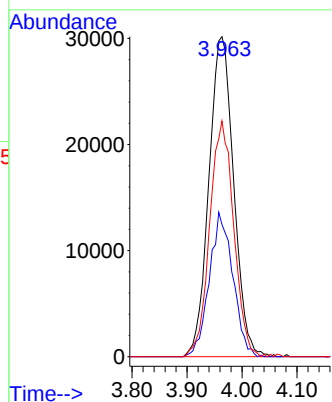
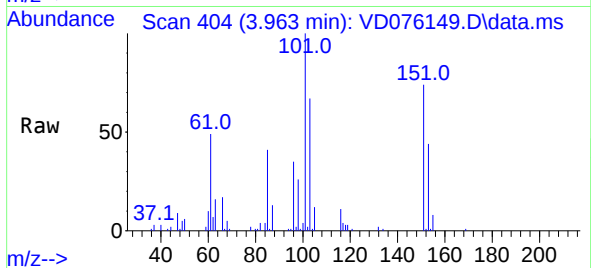




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.187 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.001 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

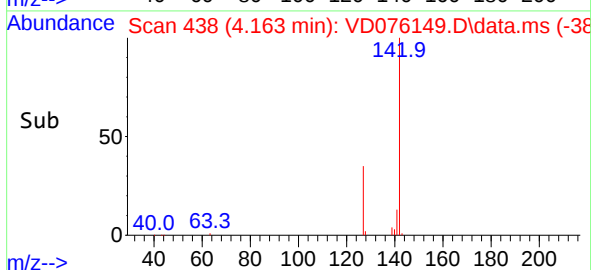
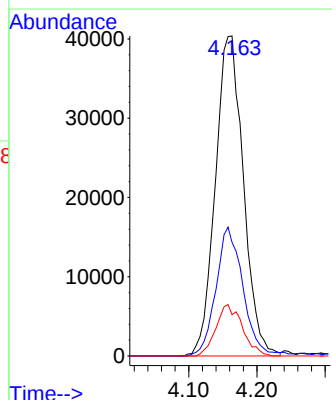
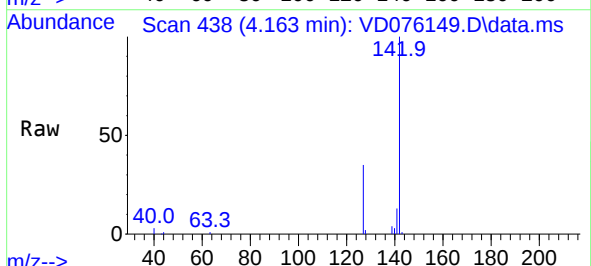
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

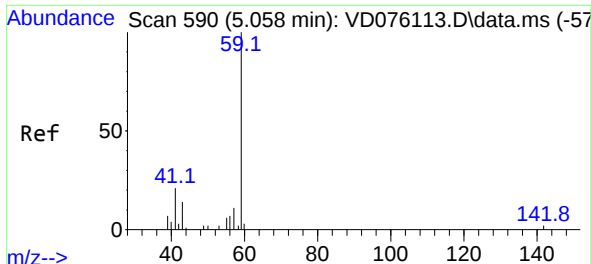
Tgt Ion:101	Resp:	94627
Ion Ratio	Lower	Upper
101	100	
85	42.8	38.3 57.5
151	71.3	60.4 90.6



#10
Methyl Iodide
Concen: 54.262 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion:142	Resp:	115592
Ion Ratio	Lower	Upper
142	100	
127	38.9	37.1 55.7
141	15.2	11.3 16.9

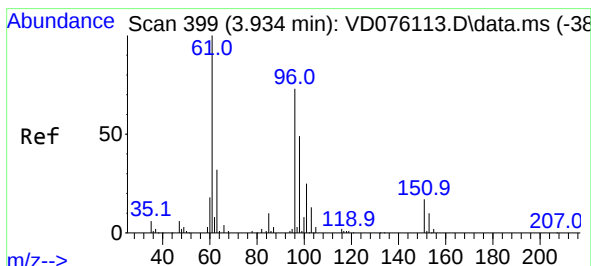
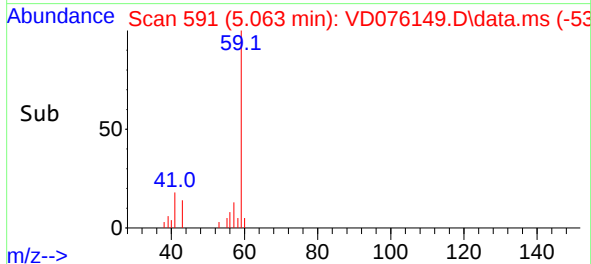
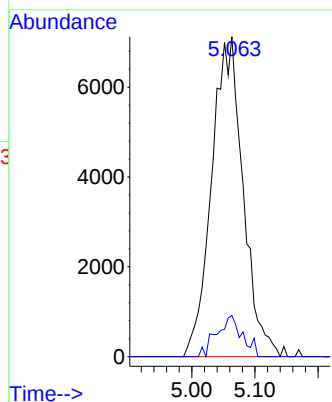
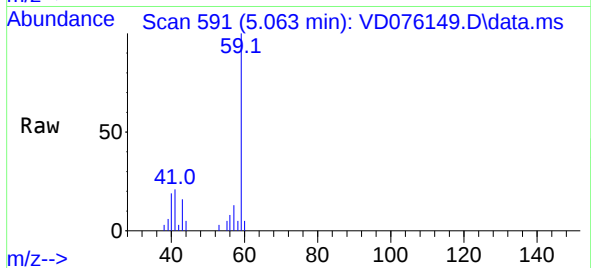




#11
Tert butyl alcohol
Concen: 255.294 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.011 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

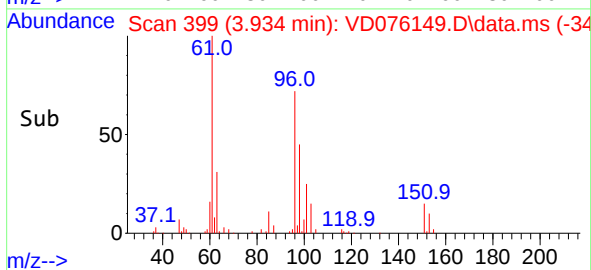
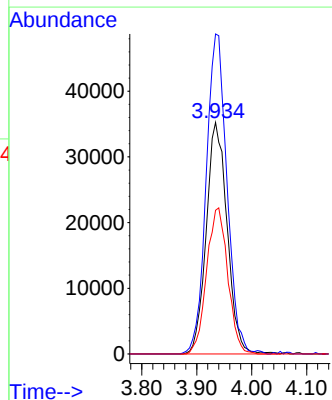
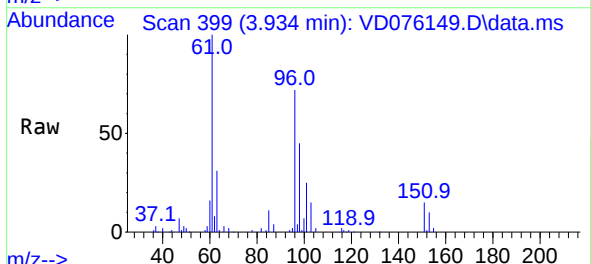
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 24624
Ion Ratio Lower Upper
59 100
57 10.4 0.0 0.0#

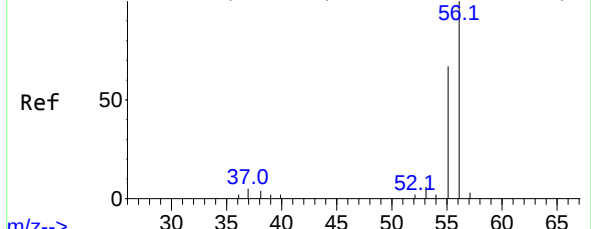


#12
1,1-Dichloroethene
Concen: 45.604 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

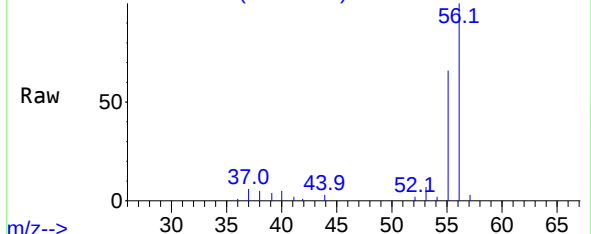
Tgt Ion: 96 Resp: 92990
Ion Ratio Lower Upper
96 100
61 138.3 118.6 177.8
98 62.0 49.7 74.5



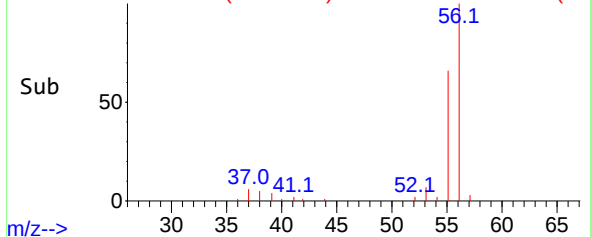
Abundance Scan 375 (3.793 min): VD076113.D\data.ms (-36



m/z--> Scan 375 (3.793 min): VD076149.D\data.ms



Abundance Scan 375 (3.793 min): VD076149.D\data.ms (-32



m/z--> Scan 375 (3.793 min): VD076149.D\data.ms (-32

#13

Acrolein

Concen: 283.620 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

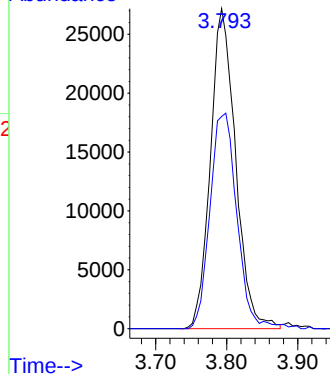
Tgt Ion: 56 Resp: 66952

Ion Ratio Lower Upper

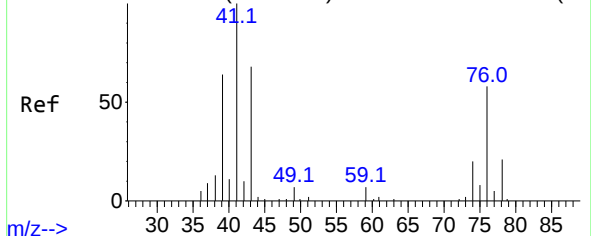
56 100

55 72.1 53.9 80.9

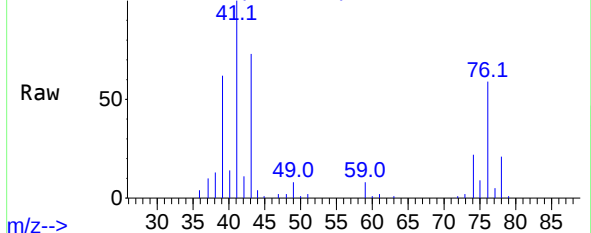
Abundance



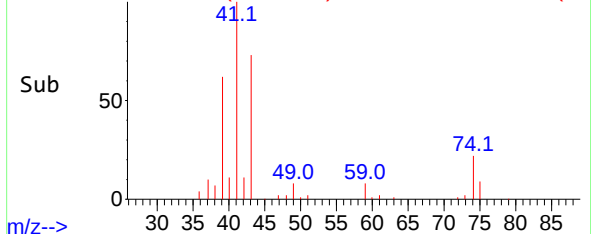
Abundance Scan 506 (4.563 min): VD076113.D\data.ms (-48



m/z--> Scan 505 (4.558 min): VD076149.D\data.ms



Abundance Scan 505 (4.558 min): VD076149.D\data.ms (-45



m/z--> Scan 505 (4.558 min): VD076149.D\data.ms (-45

#14

Allyl chloride

Concen: 46.473 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Tgt Ion: 41 Resp: 96172

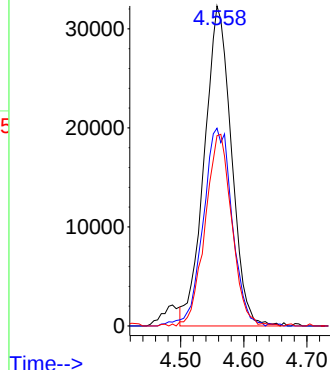
Ion Ratio Lower Upper

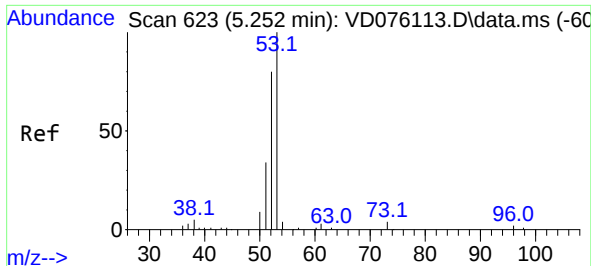
41 100

39 66.3 60.6 90.8

76 58.9 28.6 43.0#

Abundance

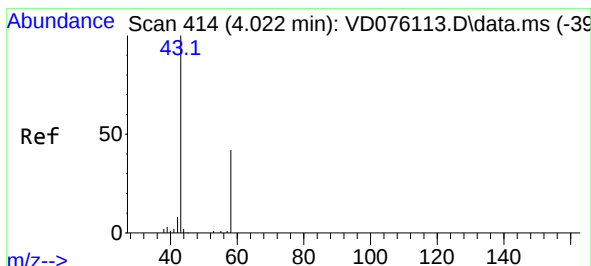
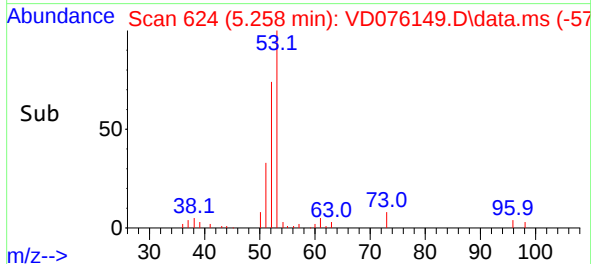
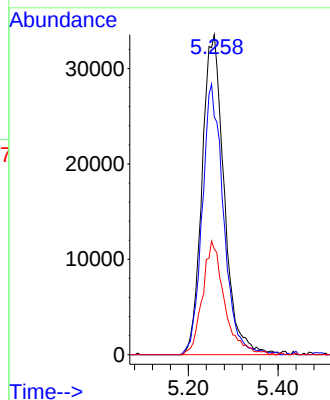
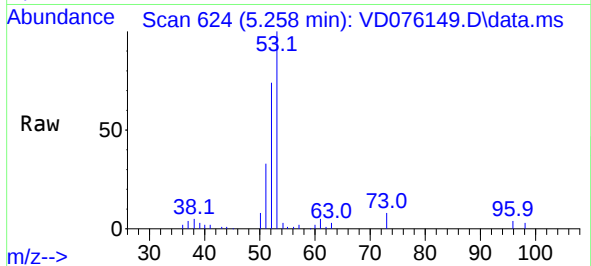




#15
Acrylonitrile
Concen: 271.212 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

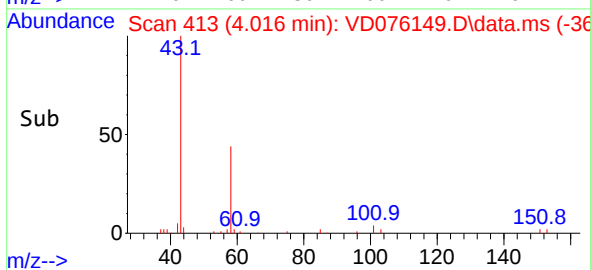
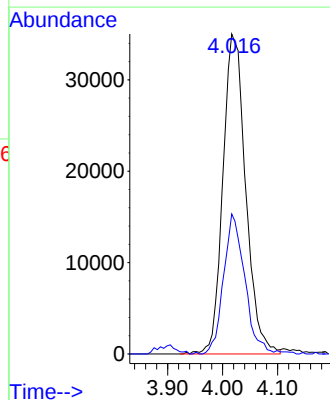
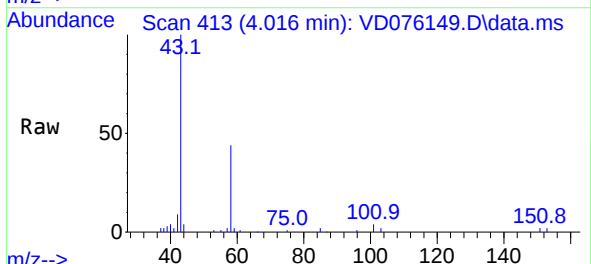
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

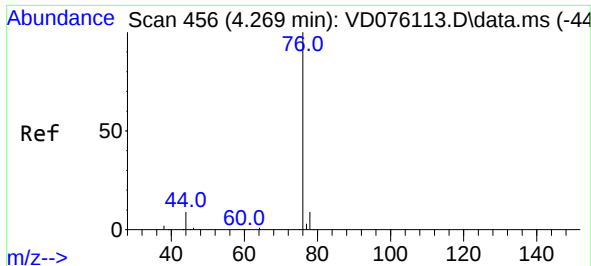
Tgt Ion: 53 Resp: 114863
Ion Ratio Lower Upper
53 100
52 81.3 66.2 99.4
51 34.9 30.7 46.1



#16
Acetone
Concen: 277.939 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 43 Resp: 100832
Ion Ratio Lower Upper
43 100
58 43.1 24.4 36.6#

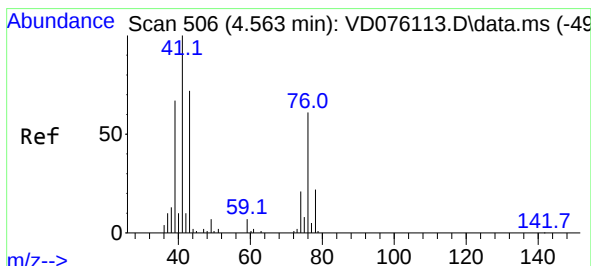
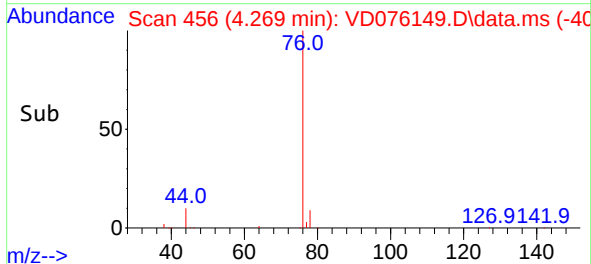
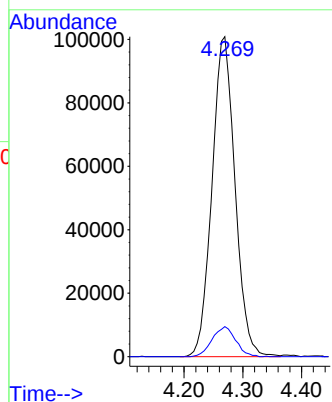
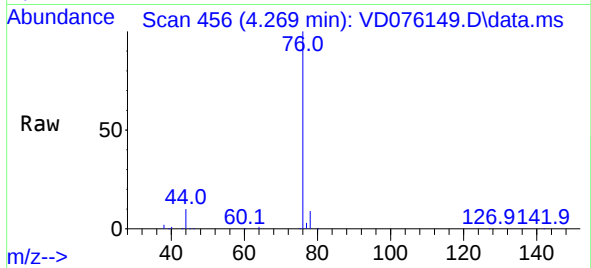




#17
Carbon Disulfide
Concen: 49.639 ug/l
RT: 4.269 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

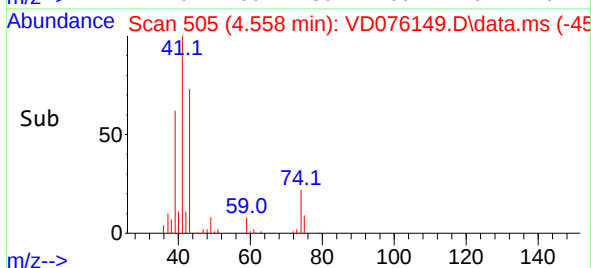
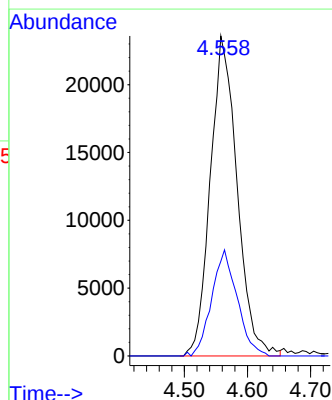
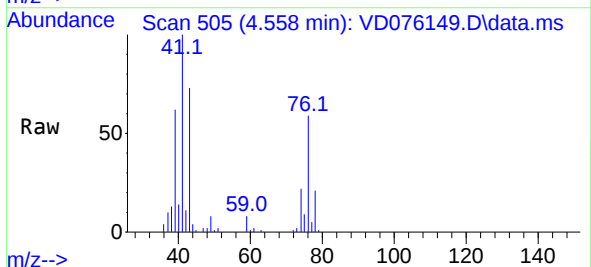
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

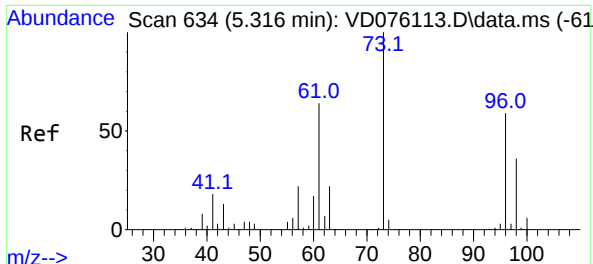
Tgt Ion: 76 Resp: 274068
Ion Ratio Lower Upper
76 100
78 9.4 8.0 12.0



#18
Methyl Acetate
Concen: 53.722 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 43 Resp: 69523
Ion Ratio Lower Upper
43 100
74 31.6 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 53.627 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Instrument :

MSVOA_D

ClientSampleId :

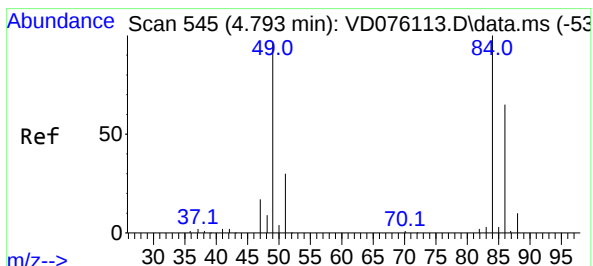
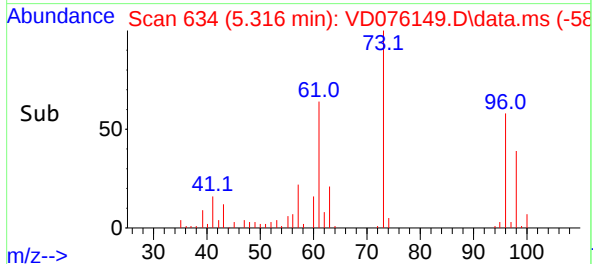
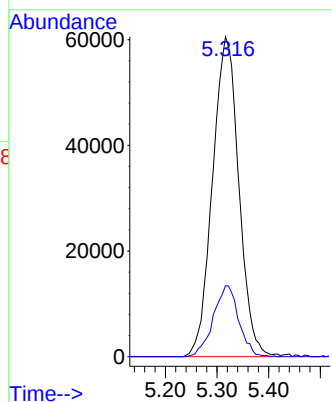
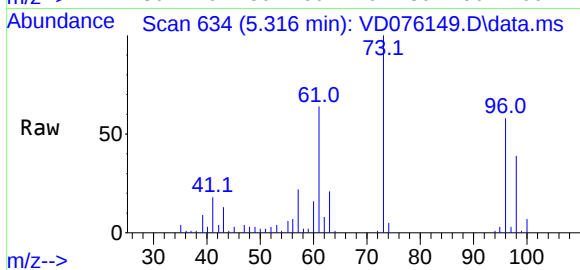
VSTDCCC050

Tgt Ion: 73 Resp: 214026

Ion Ratio Lower Upper

73 100

57 22.2 17.2 25.8



#20

Methylene Chloride

Concen: 45.695 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Tgt Ion: 84 Resp: 133708

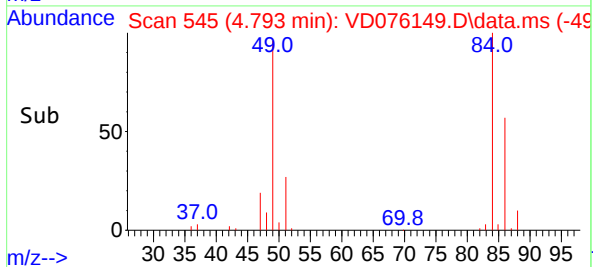
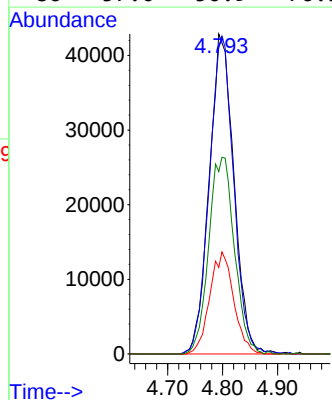
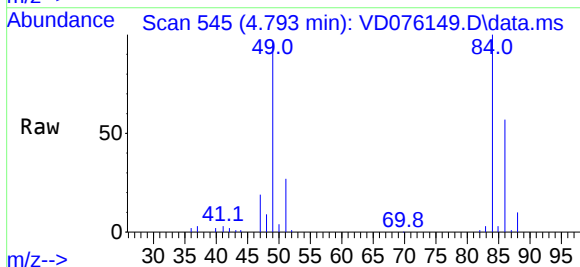
Ion Ratio Lower Upper

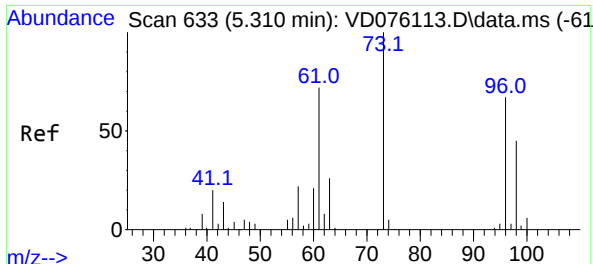
84 100

49 95.9 106.4 159.6#

51 27.1 32.4 48.6#

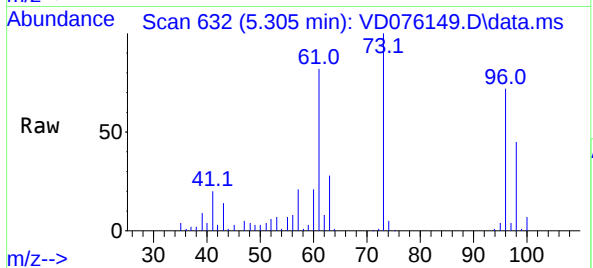
86 57.0 50.9 76.3



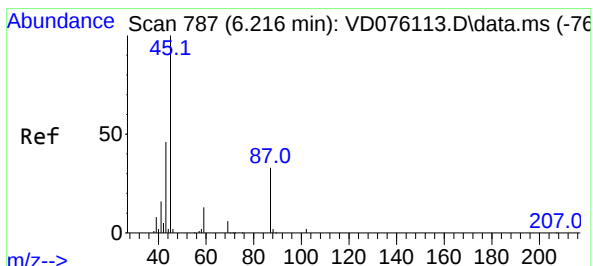
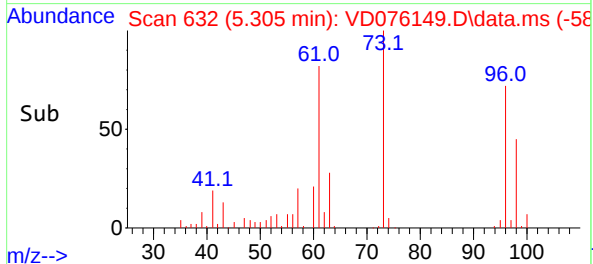
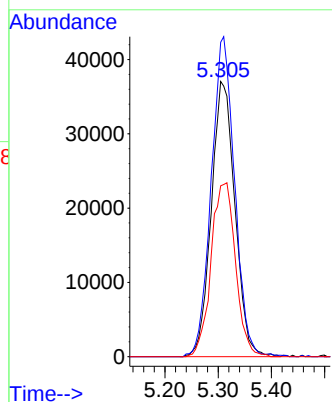


#21
trans-1,2-Dichloroethene
Concen: 48.667 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

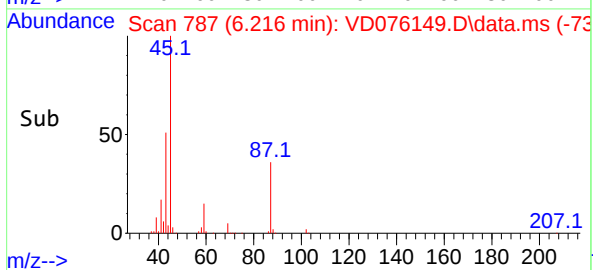
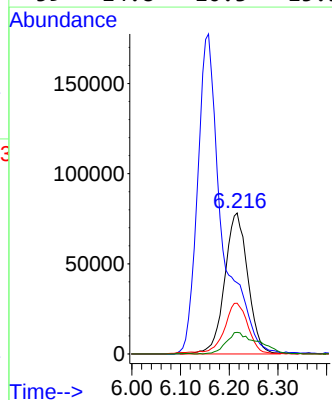
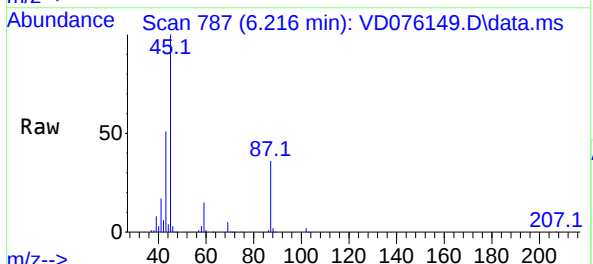


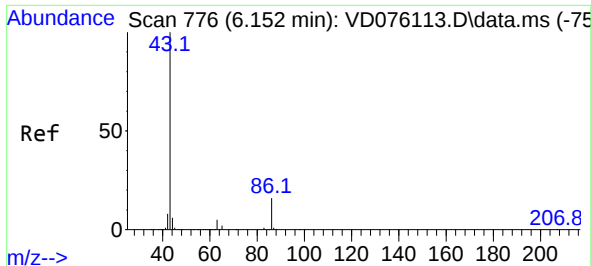
Tgt Ion: 96 Resp: 114369
Ion Ratio Lower Upper
96 100
61 114.3 117.2 175.8#
98 62.1 50.6 76.0



#22
Diisopropyl ether
Concen: 53.711 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 45 Resp: 257995
Ion Ratio Lower Upper
45 100
43 49.6 44.4 66.6
87 35.7 20.9 31.3#
59 14.8 10.3 15.5

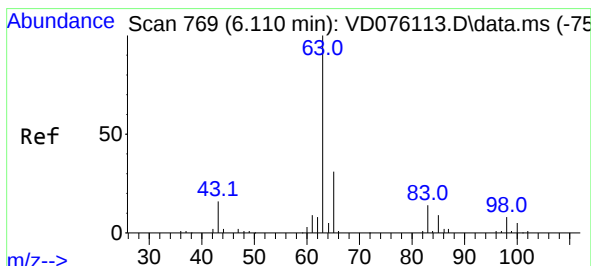
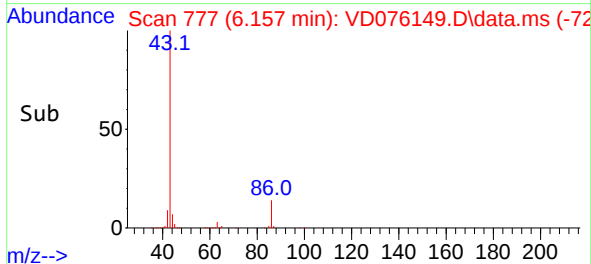
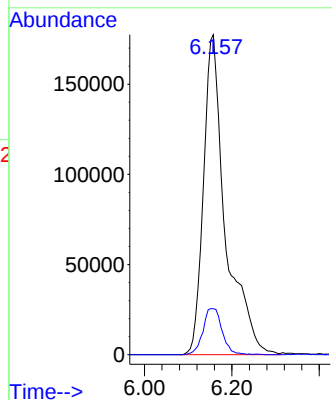
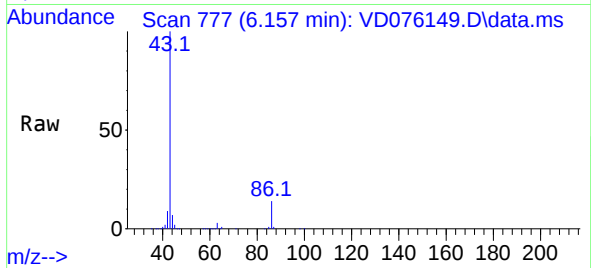




#23
 Vinyl Acetate
 Concen: 329.111 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.005 min
 Lab File: VD076149.D
 Acq: 19 May 2023 10:30

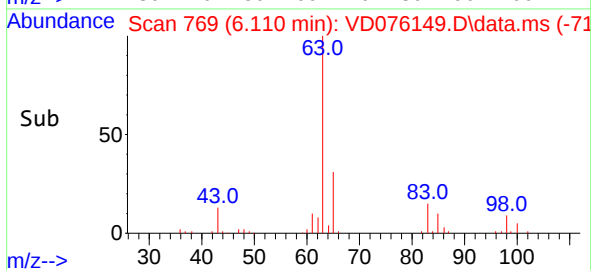
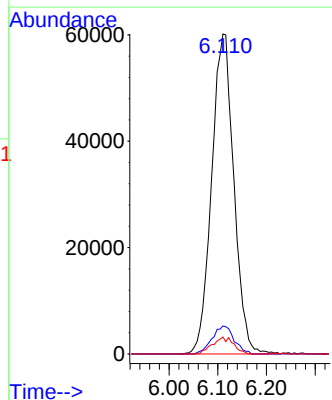
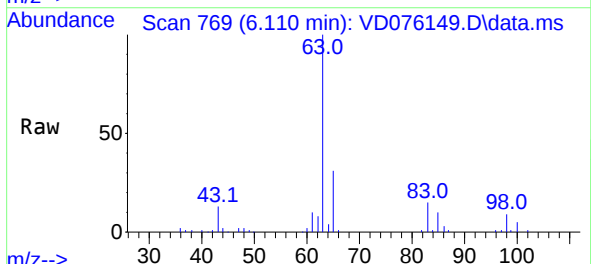
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

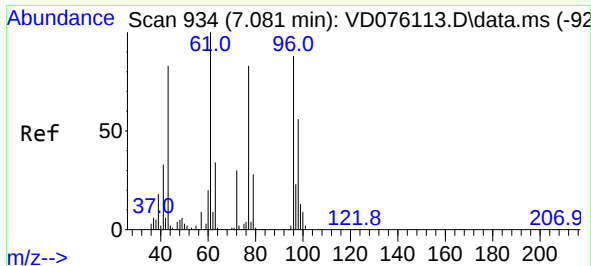
Tgt Ion: 43 Resp: 621580
 Ion Ratio Lower Upper
 43 100
 86 14.3 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 50.242 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD076149.D
 Acq: 19 May 2023 10:30

Tgt Ion: 63 Resp: 190326
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.9 11.7
 100 5.3 2.0 6.0

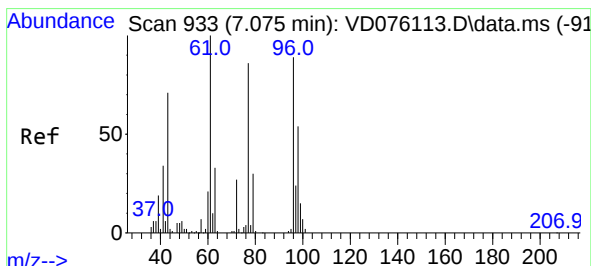
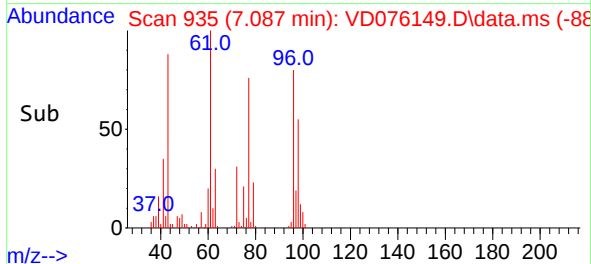
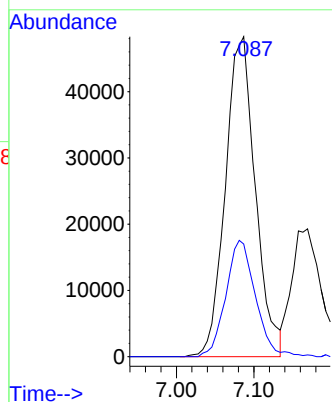
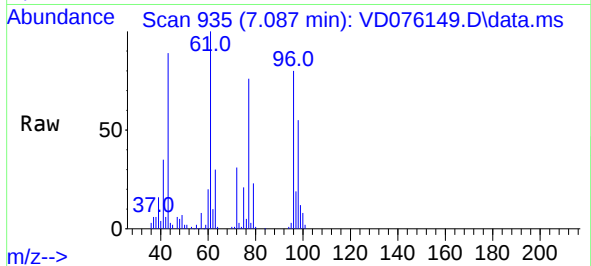




#25
2-Butanone
Concen: 285.007 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

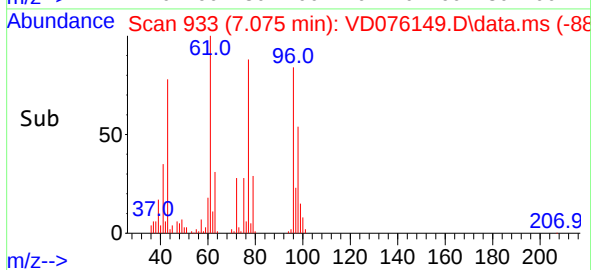
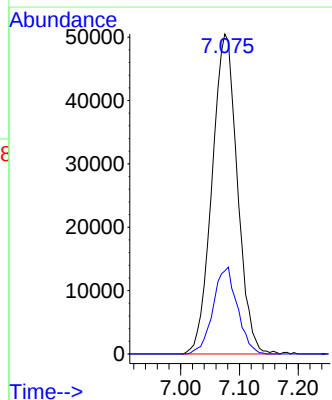
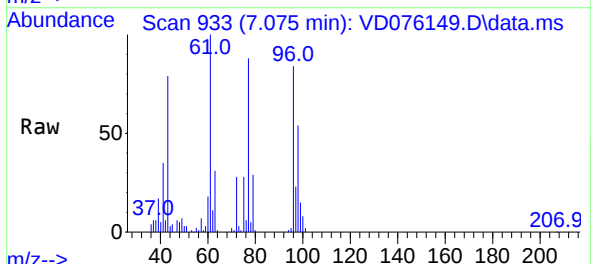
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

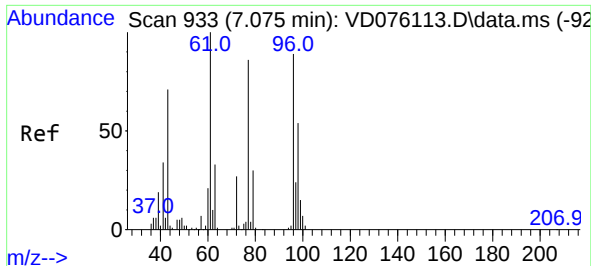
Tgt Ion: 43 Resp: 130007
Ion Ratio Lower Upper
43 100
72 35.2 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 48.969 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 77 Resp: 151262
Ion Ratio Lower Upper
77 100
97 25.9 11.1 33.1



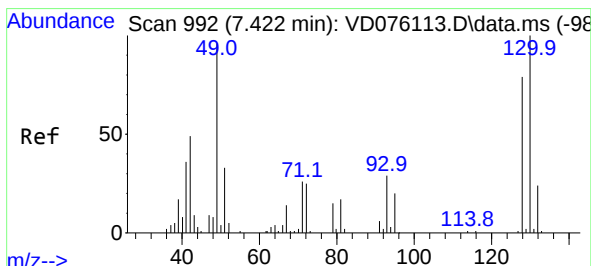
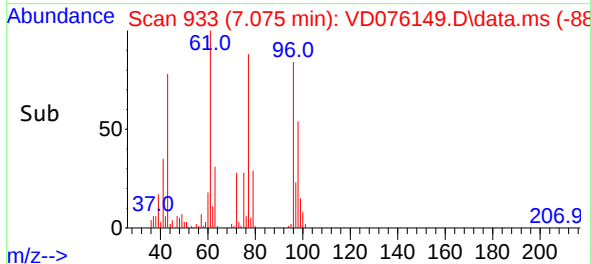
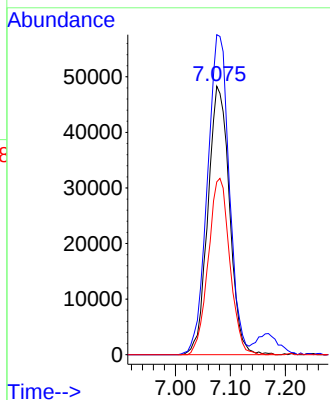
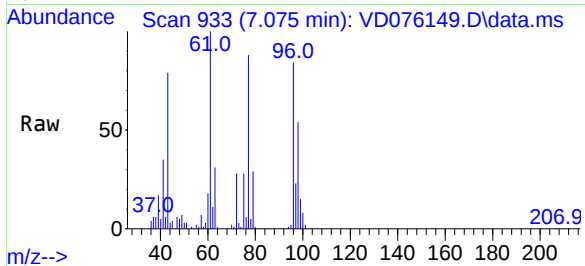


#27
 cis-1,2-Dichloroethene
 Concen: 50.471 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD076149.D
 Acq: 19 May 2023 10:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 131620

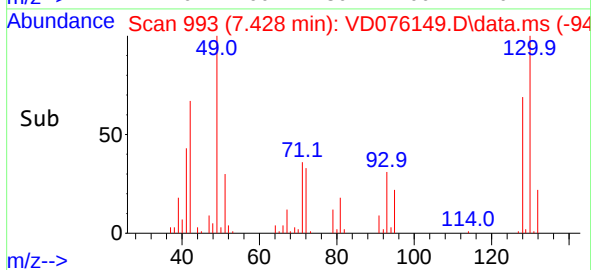
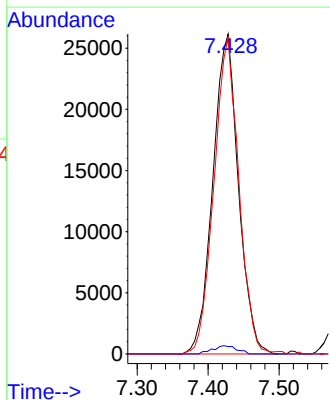
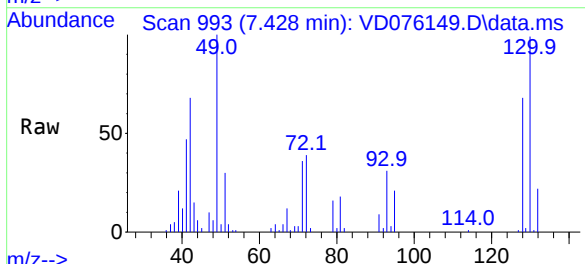
Ion	Ratio	Lower	Upper
96	100		
61	120.7	0.0	295.2
98	65.6	0.0	129.2

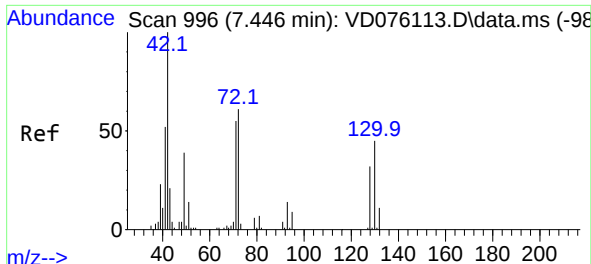


#28
 Bromochloromethane
 Concen: 51.766 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD076149.D
 Acq: 19 May 2023 10:30

Tgt Ion: 49 Resp: 65388

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	2.2#
130	96.2	56.0	84.0#

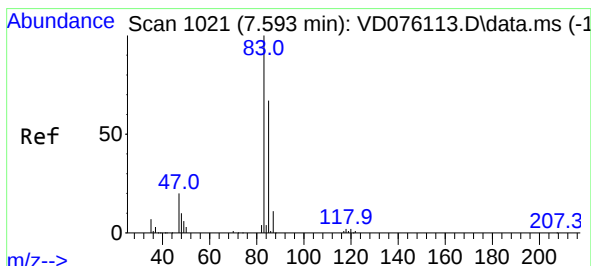
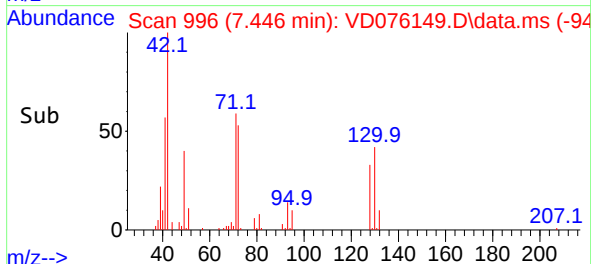
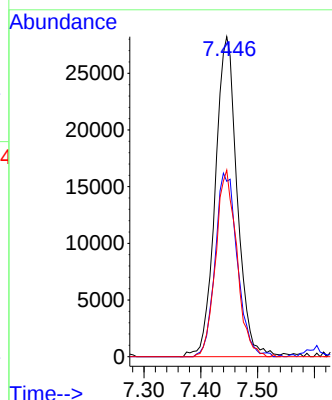
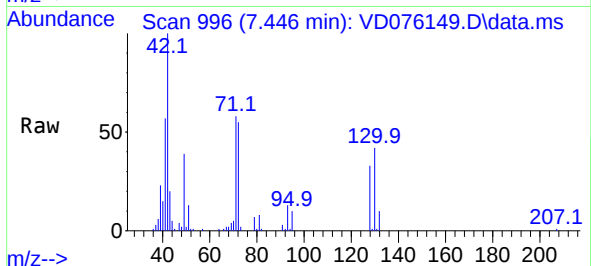




#29
Tetrahydrofuran
Concen: 284.605 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

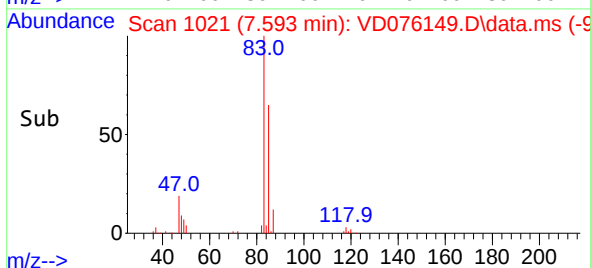
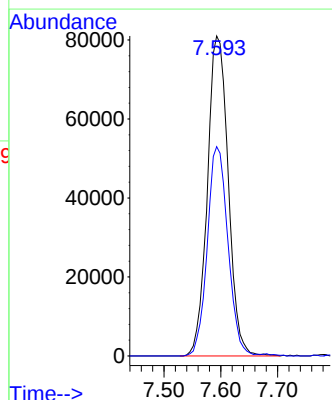
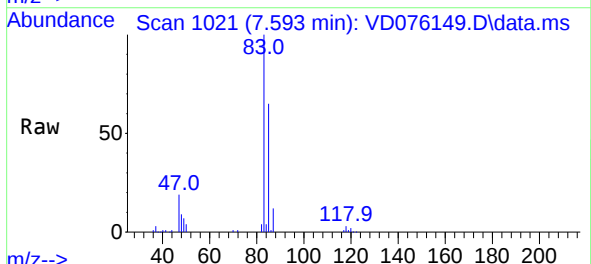
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

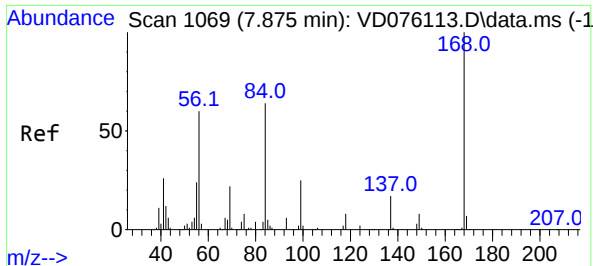
Tgt Ion: 42 Resp: 75669
Ion Ratio Lower Upper
42 100
72 58.1 31.8 47.6#
71 55.8 27.6 41.4#



#30
Chloroform
Concen: 50.924 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

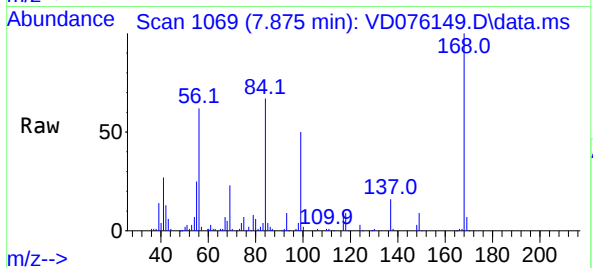
Tgt Ion: 83 Resp: 206296
Ion Ratio Lower Upper
83 100
85 65.4 49.4 74.2



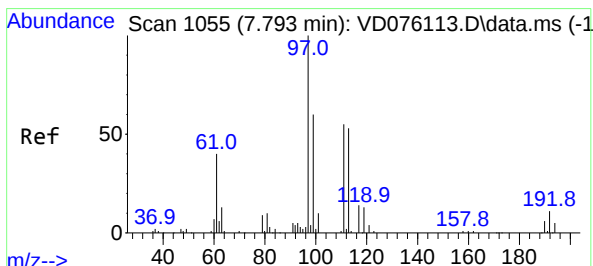
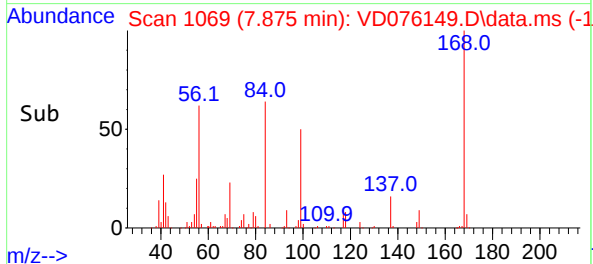
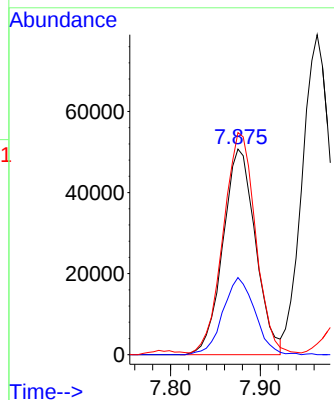


#31
Cyclohexane
Concen: 45.895 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

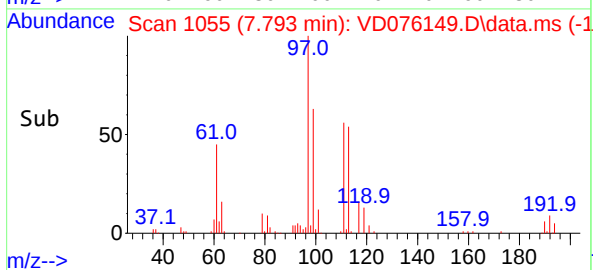
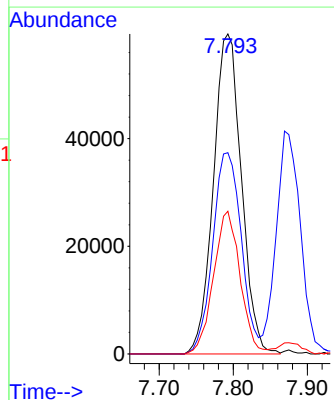
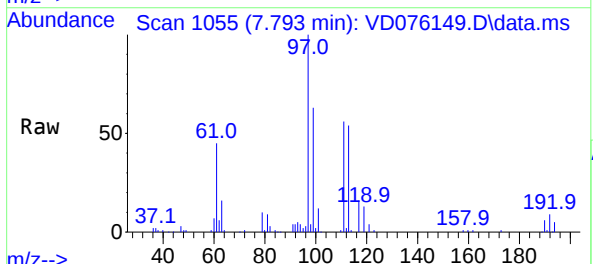


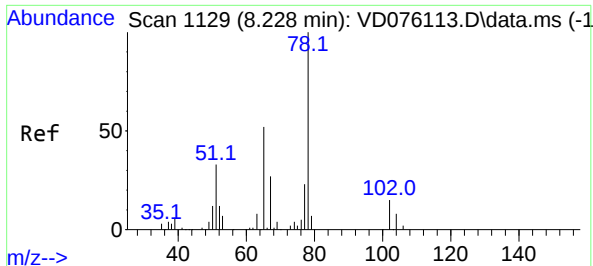
Tgt Ion: 56 Resp: 128165
Ion Ratio Lower Upper
56 100
69 37.5 25.5 38.3
84 106.7 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 48.312 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 97 Resp: 155973
Ion Ratio Lower Upper
97 100
99 64.1 50.5 75.7
61 42.4 36.6 55.0

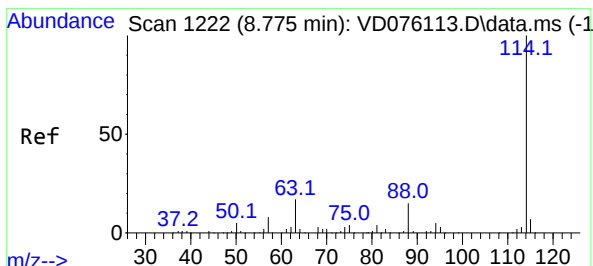
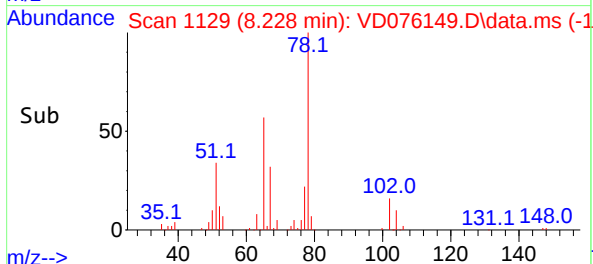
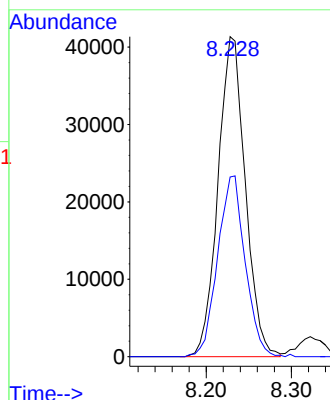
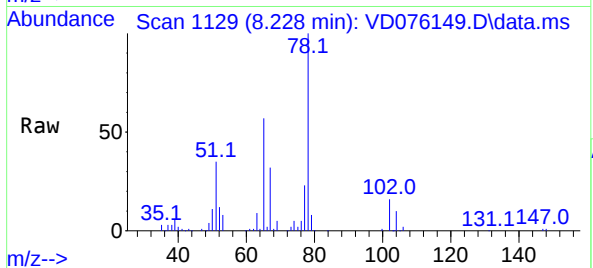




#33
1,2-Dichloroethane-d4
Concen: 50.475 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

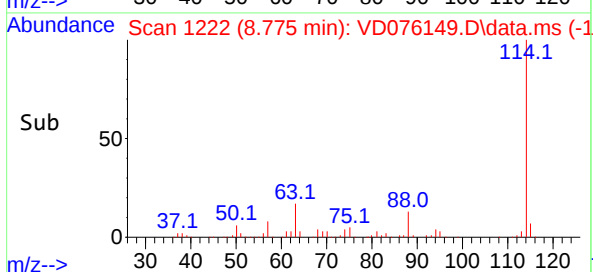
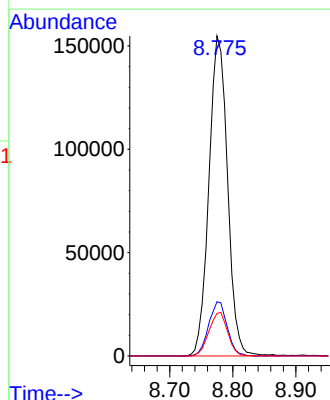
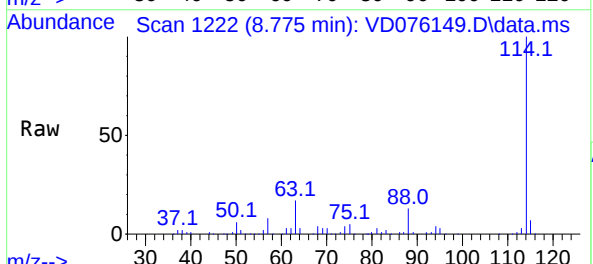
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 92036
Ion Ratio Lower Upper
65 100
67 56.9 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion:114 Resp: 316890
Ion Ratio Lower Upper
114 100
63 17.0 0.0 41.6
88 13.3 0.0 30.6

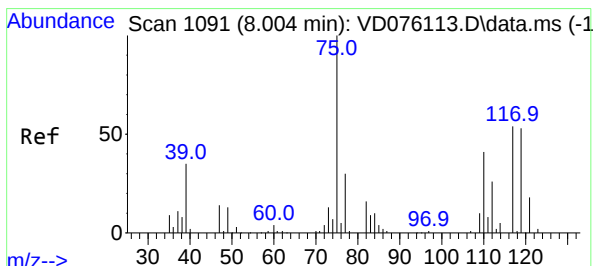
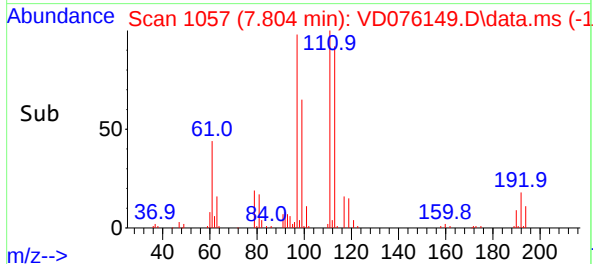
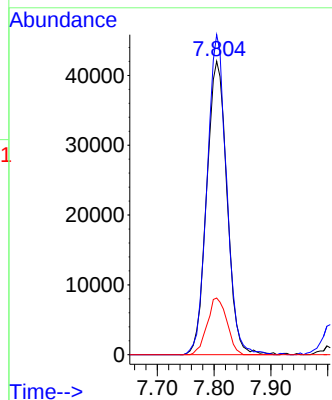
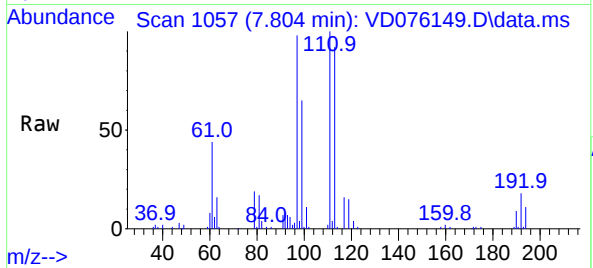




#35
Dibromofluoromethane
Concen: 47.532 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

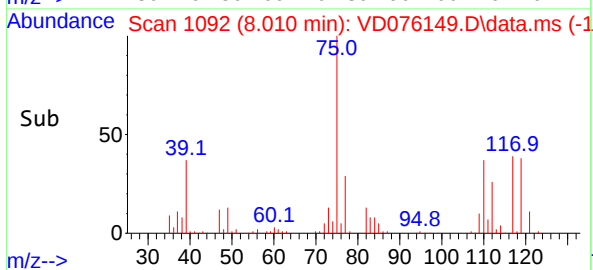
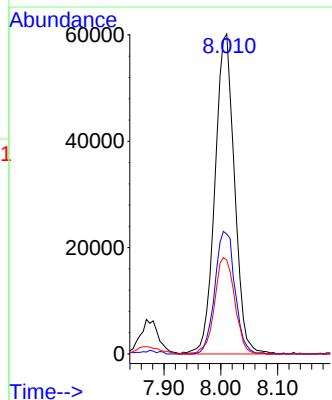
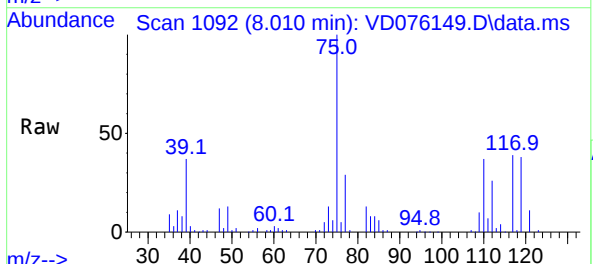
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

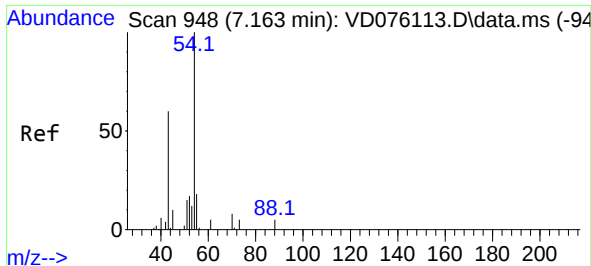
Tgt Ion:113 Resp: 104115
Ion Ratio Lower Upper
113 100
111 104.4 81.4 122.0
192 18.7 15.2 22.8



#36
1,1-Dichloropropene
Concen: 48.603 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 75 Resp: 143780
Ion Ratio Lower Upper
75 100
110 39.3 17.1 51.2
77 31.2 24.6 36.8

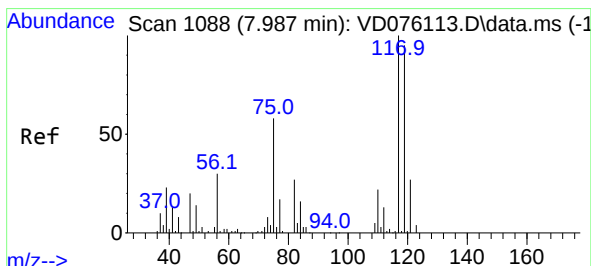
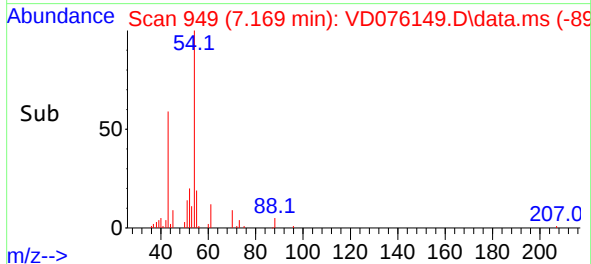
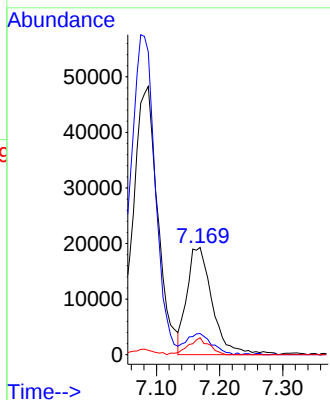
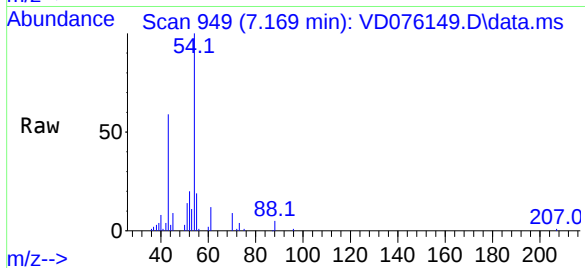




#37
Ethyl Acetate
Concen: 52.548 ug/l
RT: 7.169 min Scan# 948
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

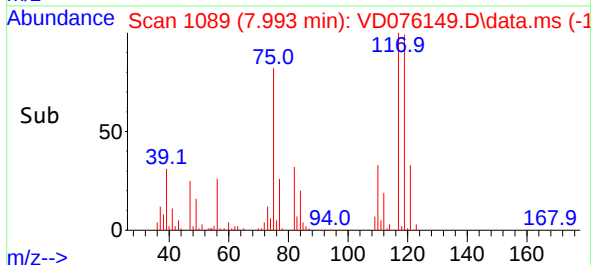
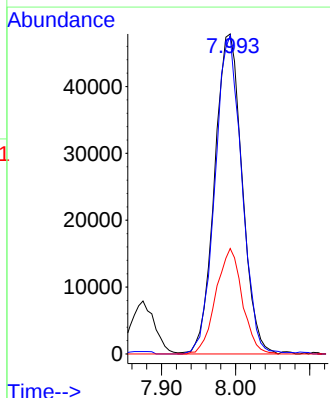
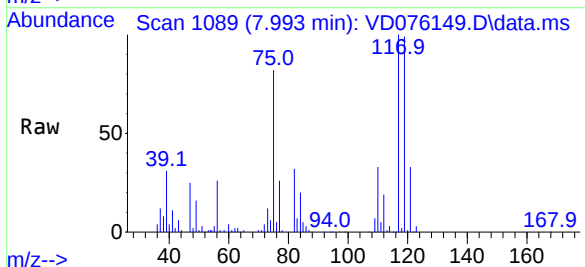
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

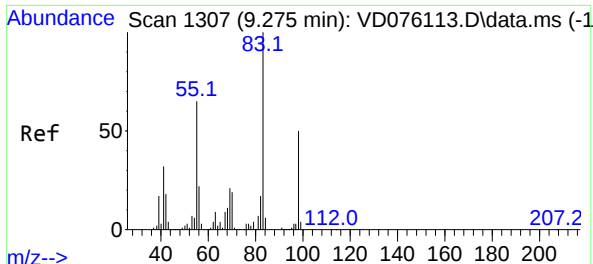
Tgt Ion: 43 Resp: 53829
Ion Ratio Lower Upper
43 100
61 19.9 0.0 0.0#
70 12.8 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 46.188 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 117 Resp: 123418
Ion Ratio Lower Upper
117 100
119 99.5 74.7 112.1
121 32.9 25.9 38.9

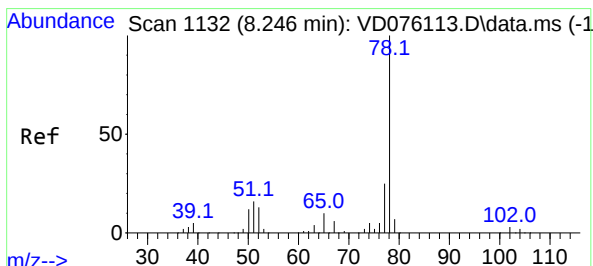
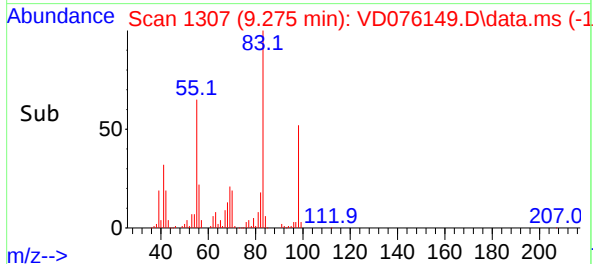
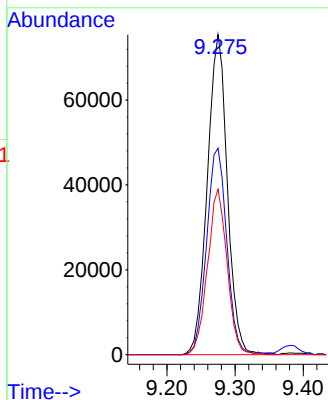
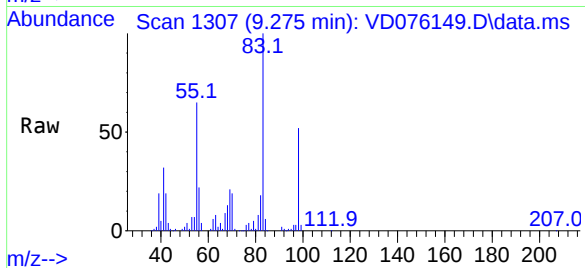




#39
Methylcyclohexane
Concen: 45.362 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

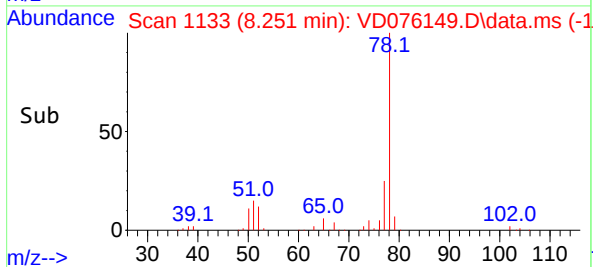
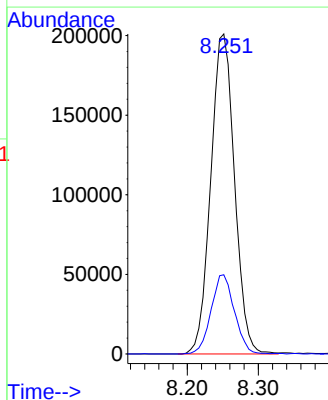
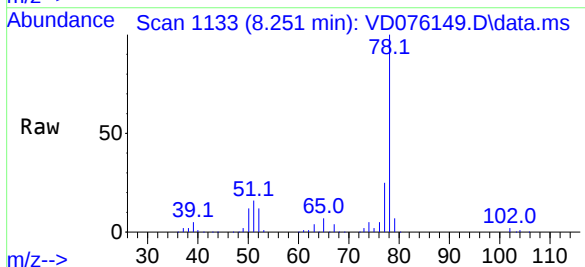
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

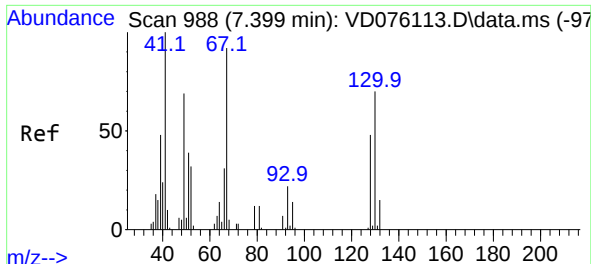
Tgt Ion: 83 Resp: 154495
Ion Ratio Lower Upper
83 100
55 64.5 56.8 85.2
98 51.7 38.9 58.3



#40
Benzene
Concen: 49.069 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.001 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 78 Resp: 466692
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7

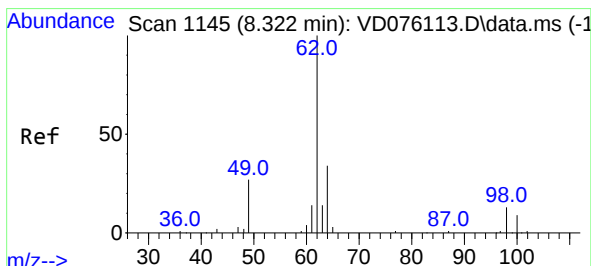
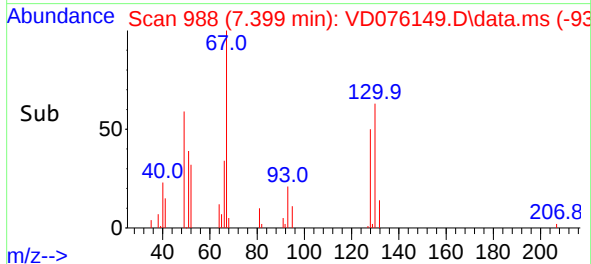
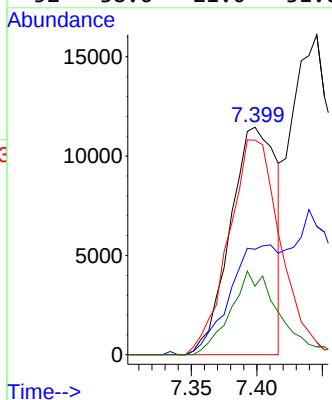
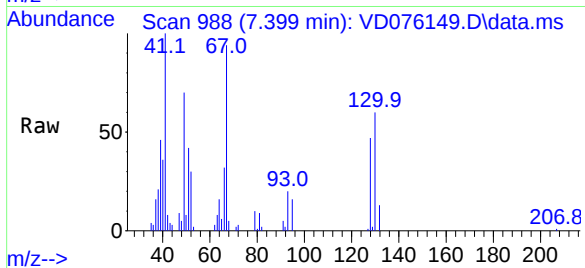




#41
Methacrylonitrile
Concen: 49.867 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

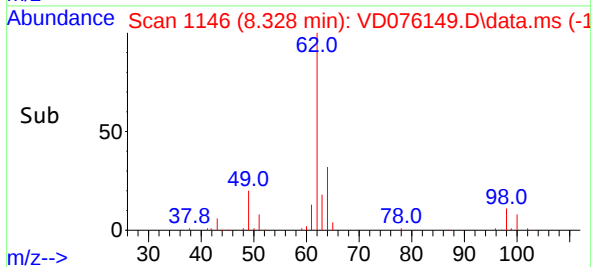
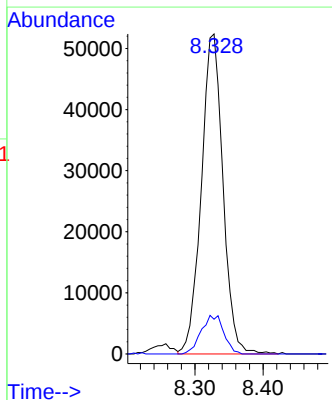
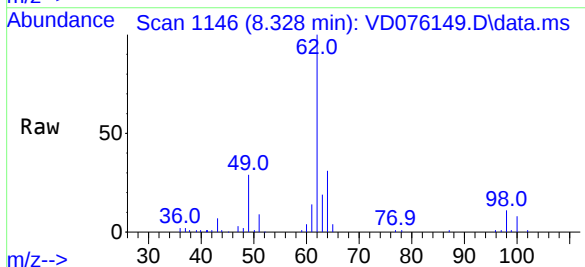
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

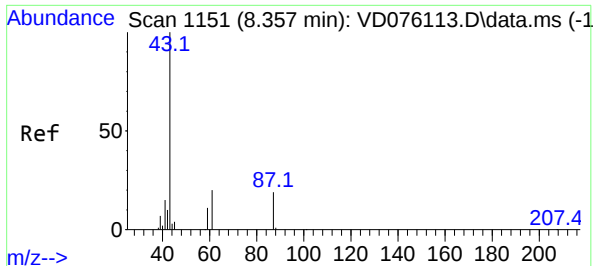
Tgt Ion:	41	Resp:	28010
Ion	Ratio	Lower	Upper
41	100		
39	50.6	45.3	67.9
67	107.3	50.5	75.7#
52	38.6	21.0	31.6#



#42
1,2-Dichloroethane
Concen: 51.414 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion:	62	Resp:	115660
Ion	Ratio	Lower	Upper
62	100		
98	12.6	0.0	18.8

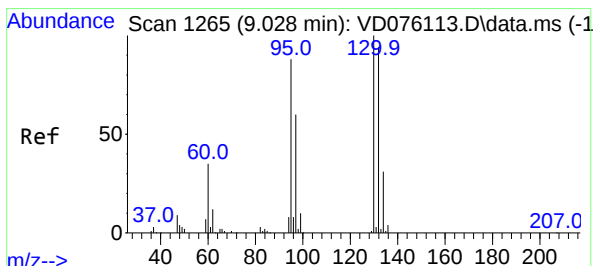
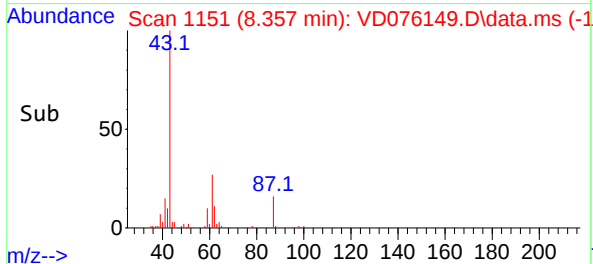
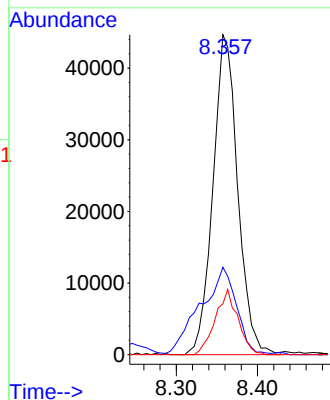
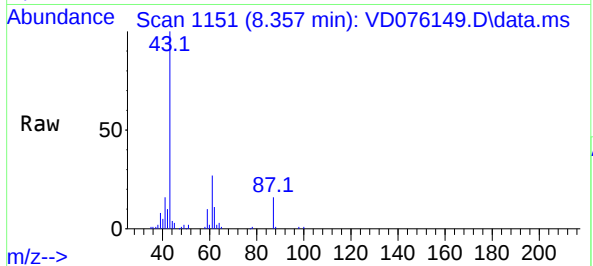




#43
Isopropyl Acetate
Concen: 49.553 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

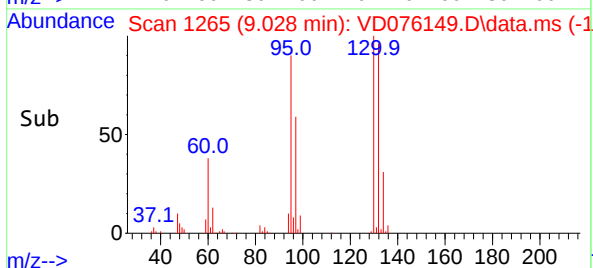
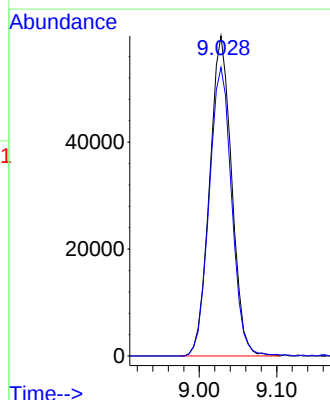
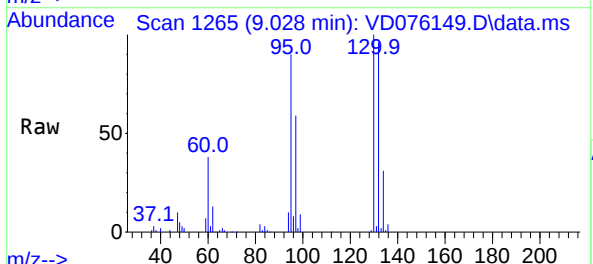
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

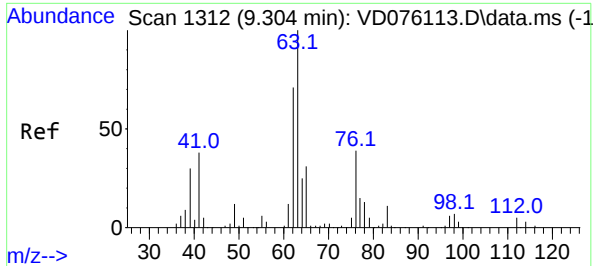
Tgt Ion: 43 Resp: 94823
Ion Ratio Lower Upper
43 100
61 38.5 23.4 35.0#
87 18.6 9.5 14.3#



#44
Trichloroethene
Concen: 44.253 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion:130 Resp: 118613
Ion Ratio Lower Upper
130 100
95 90.1 0.0 197.6

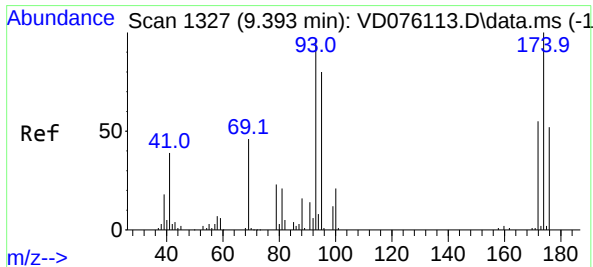
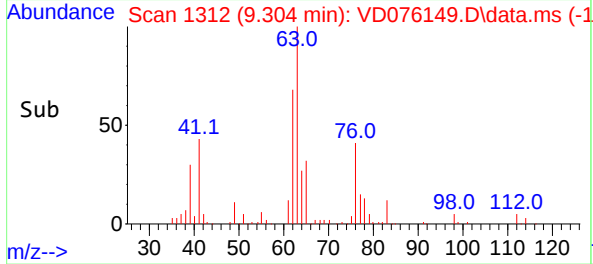
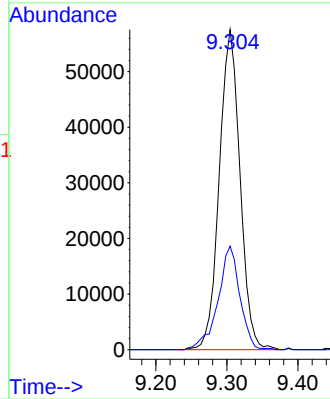
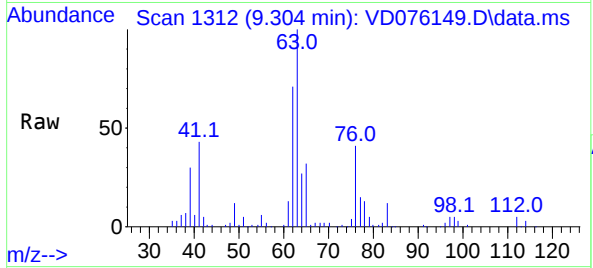




#45
1,2-Dichloropropane
Concen: 49.603 ug/l
RT: 9.304 min Scan# 116367
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

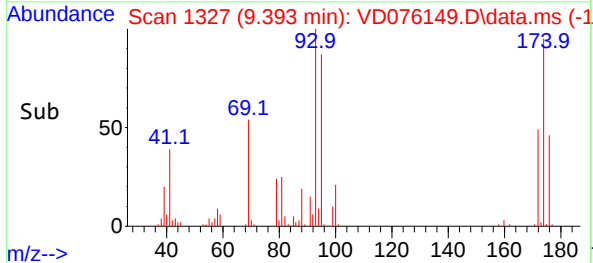
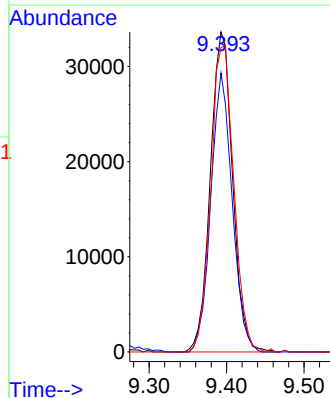
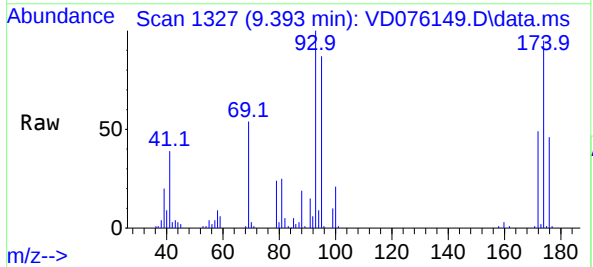
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

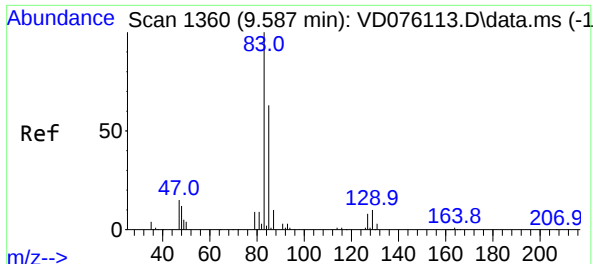
Tgt Ion: 63 Resp: 116367
Ion Ratio Lower Upper
63 100
65 32.4 23.0 34.4



#46
Dibromomethane
Concen: 51.186 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 93 Resp: 67308
Ion Ratio Lower Upper
93 100
95 83.7 64.5 96.7
174 98.6 76.2 114.4

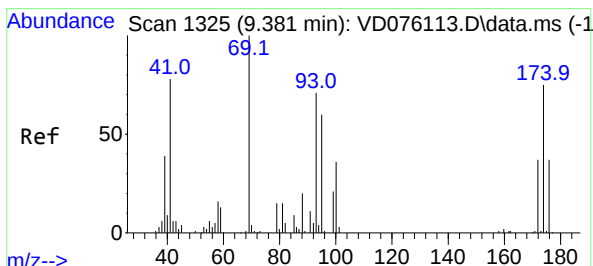
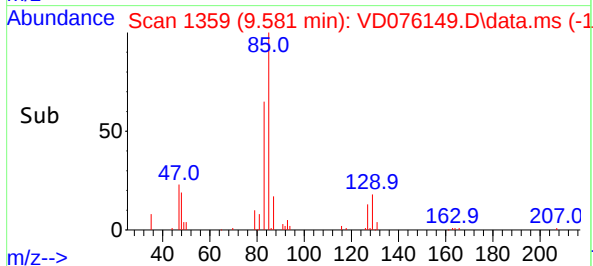
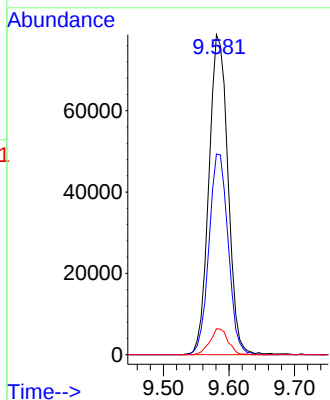
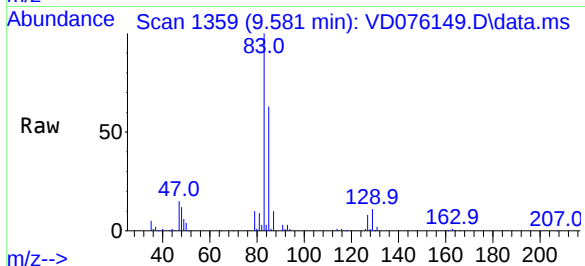




#47
Bromodichloromethane
Concen: 50.262 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

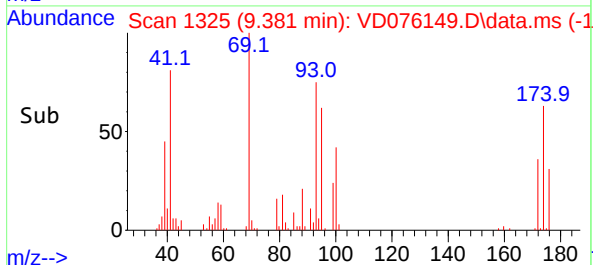
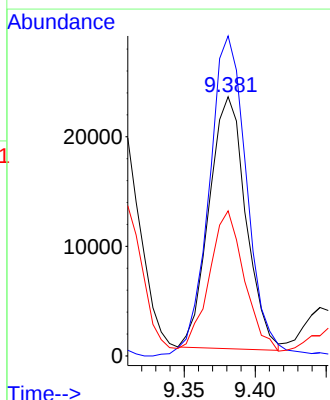
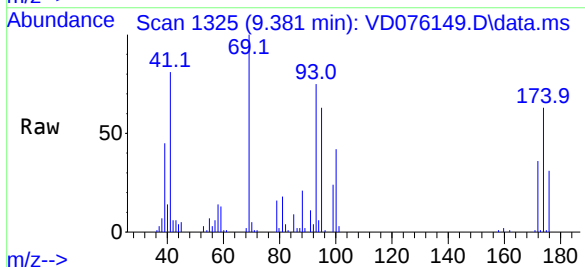
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

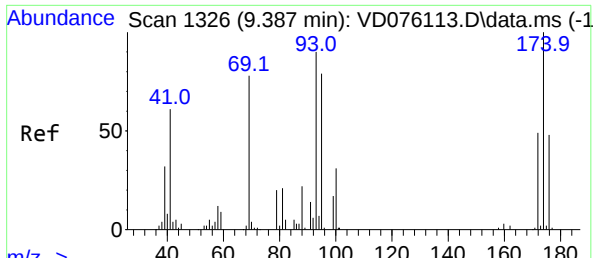
Tgt Ion: 83 Resp: 158845
Ion Ratio Lower Upper
83 100
85 62.7 53.7 80.5
127 8.1 7.0 10.6



#48
Methyl methacrylate
Concen: 48.862 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 41 Resp: 41382
Ion Ratio Lower Upper
41 100
69 131.1 58.6 88.0#
39 58.0 53.4 80.0

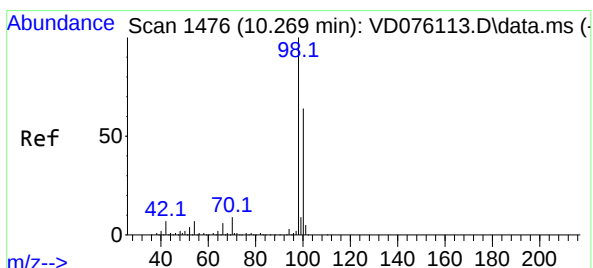
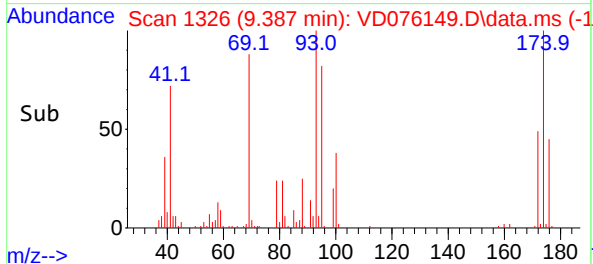
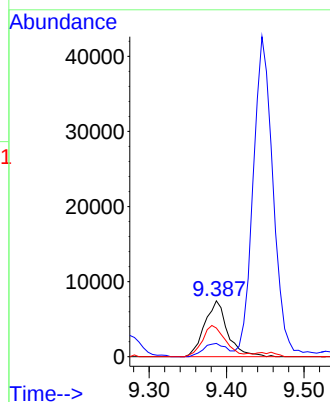
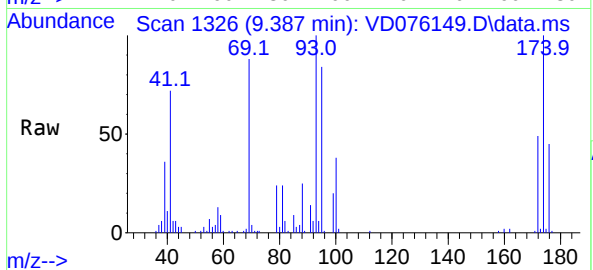




#49
1,4-Dioxane
Concen: 1093.255 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

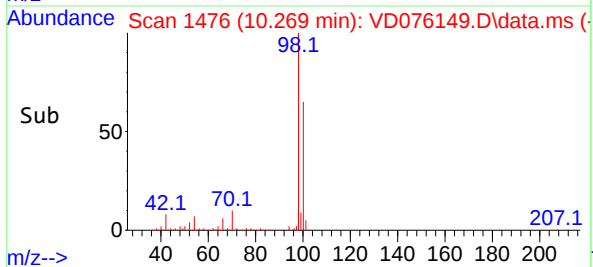
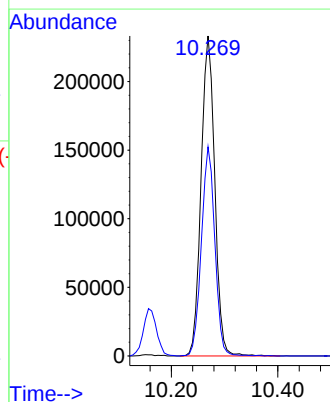
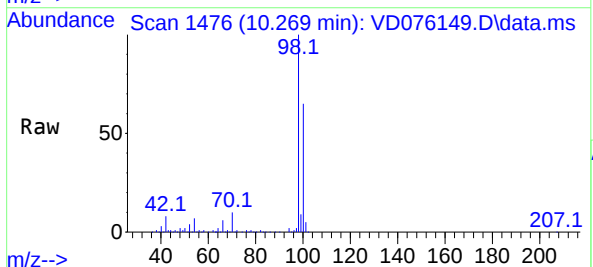
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

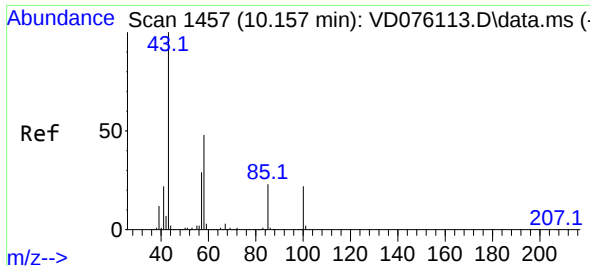
Tgt Ion: 88 Resp: 15373
Ion Ratio Lower Upper
88 100
43 25.0 34.6 51.8#
58 55.2 58.0 87.0#



#50
Toluene-d8
Concen: 48.607 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 98 Resp: 415046
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1

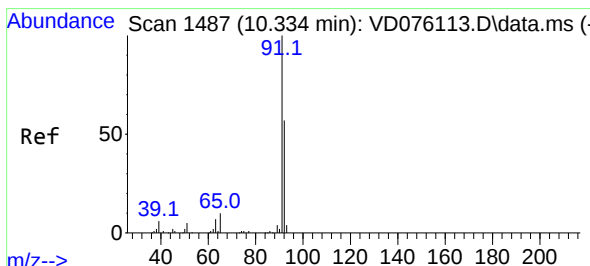
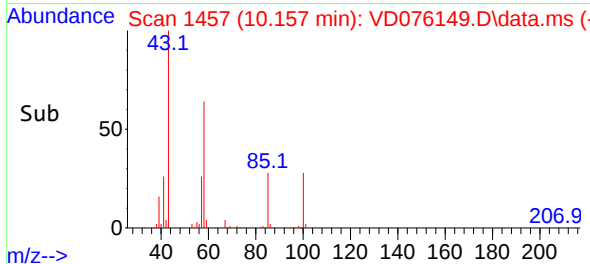
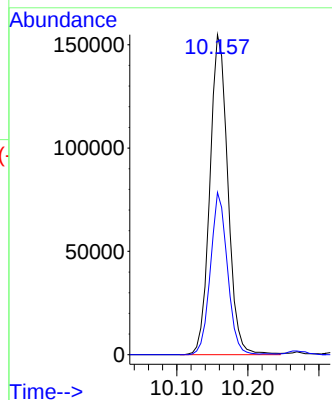
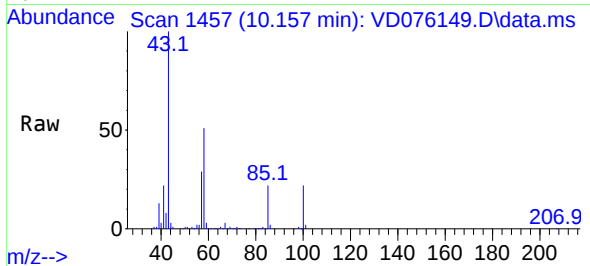




#51
4-Methyl-2-Pentanone
Concen: 267.266 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

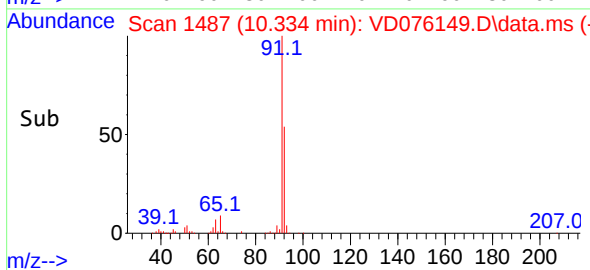
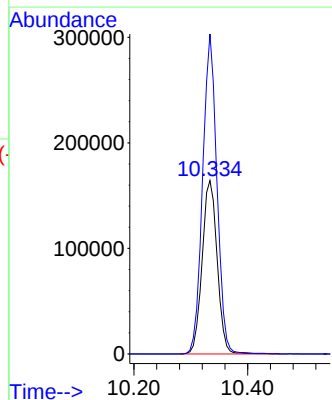
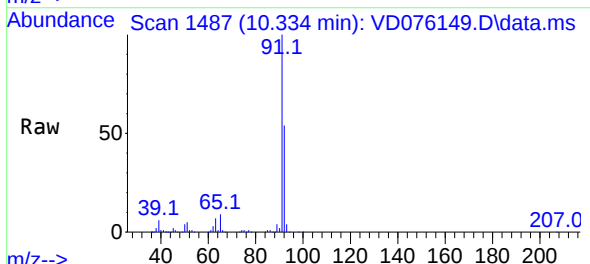
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

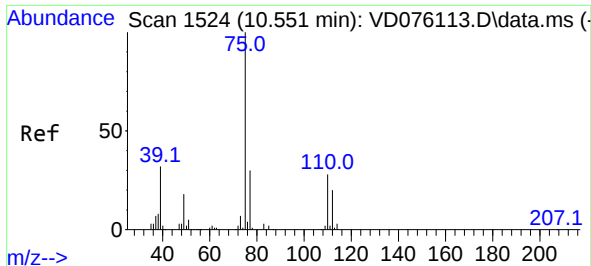
Tgt Ion: 43 Resp: 272005
Ion Ratio Lower Upper
43 100
58 47.9 29.5 44.3#



#52
Toluene
Concen: 50.591 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 92 Resp: 300516
Ion Ratio Lower Upper
92 100
91 176.2 136.5 204.7

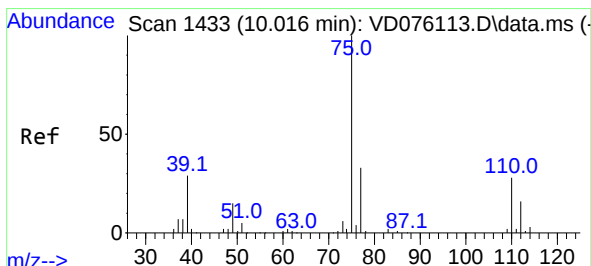
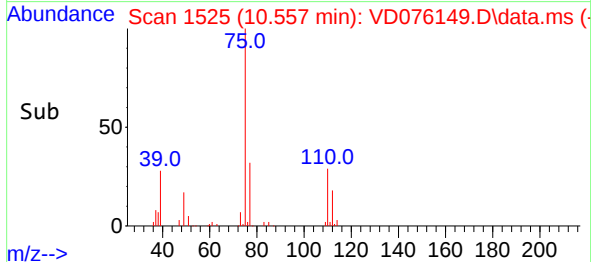
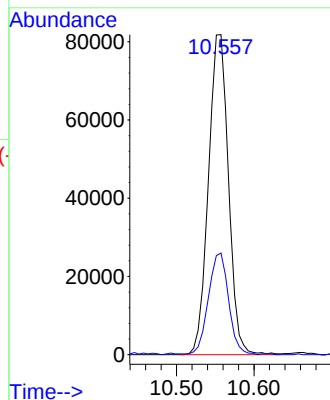
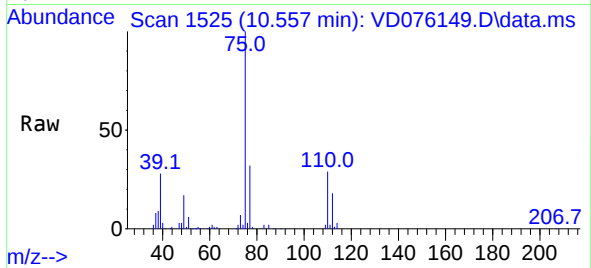




#53
t-1,3-Dichloropropene
Concen: 51.612 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

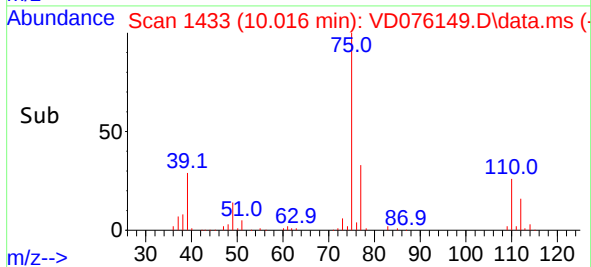
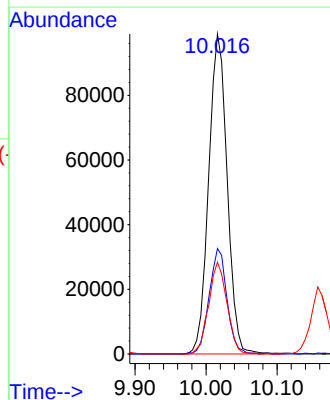
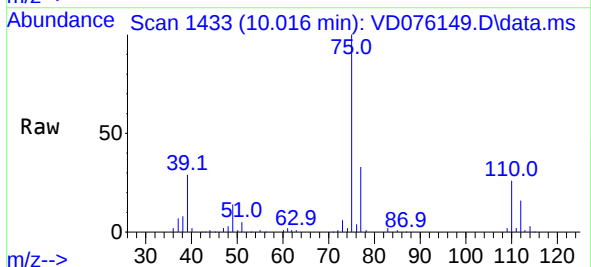
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

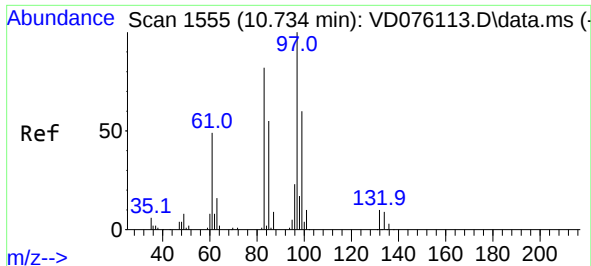
Tgt Ion: 75 Resp: 147007
Ion Ratio Lower Upper
75 100
77 31.7 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 51.537 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 75 Resp: 179146
Ion Ratio Lower Upper
75 100
77 32.9 25.6 38.4
39 28.7 44.8 67.2#

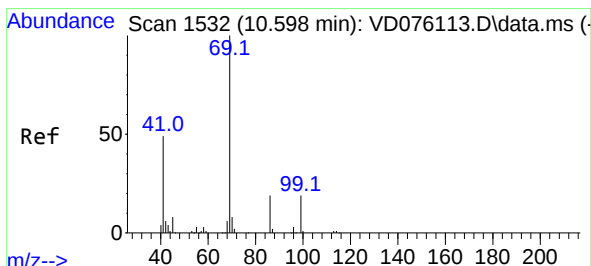
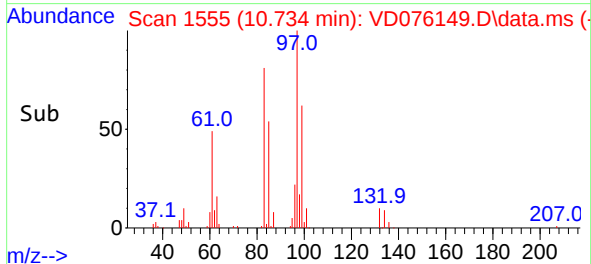
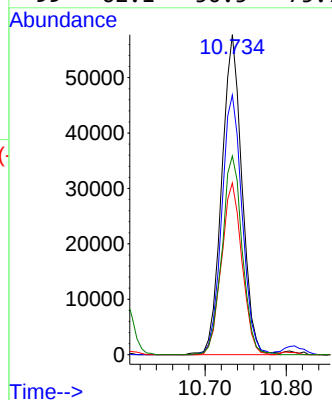
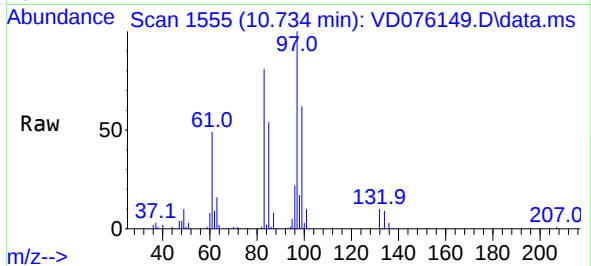




#55
1,1,2-Trichloroethane
Concen: 52.959 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

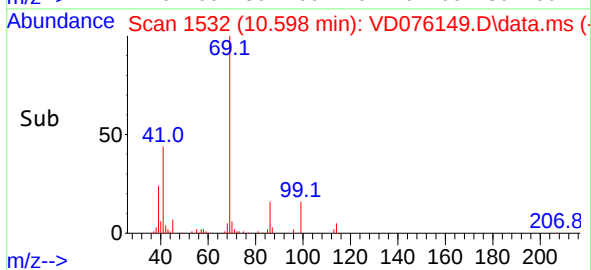
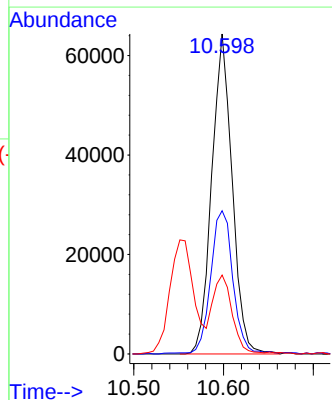
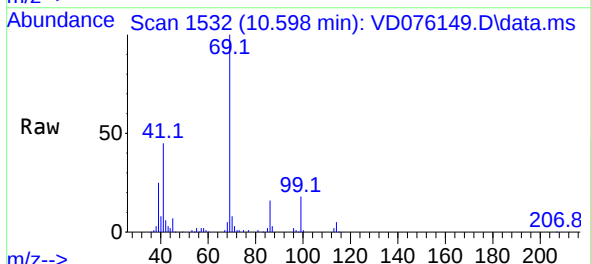
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

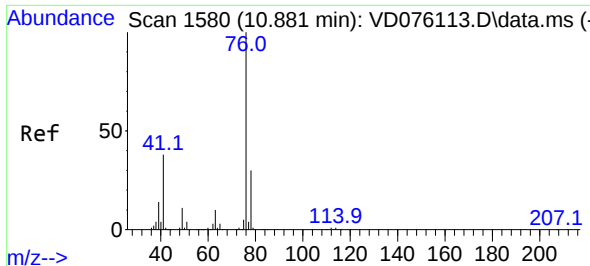
Tgt Ion:	97	Resp:	99865
Ion	Ratio	Lower	Upper
97	100		
83	81.2	74.2	111.4
85	53.7	45.4	68.0
99	62.1	50.5	75.7



#56
Ethyl methacrylate
Concen: 53.622 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion:	69	Resp:	101635
Ion	Ratio	Lower	Upper
69	100		
41	49.2	59.3	88.9#
39	22.8	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 51.924 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Instrument :

MSVOA_D

ClientSampleId :

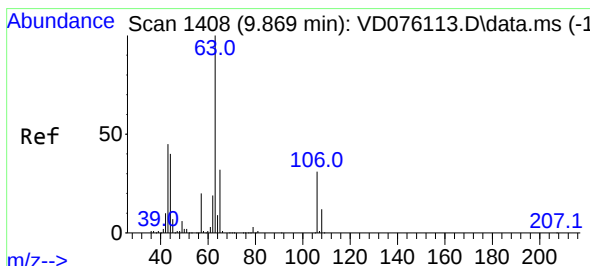
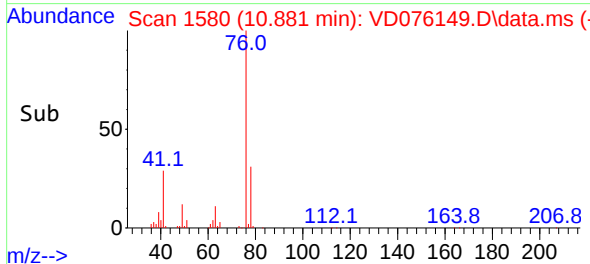
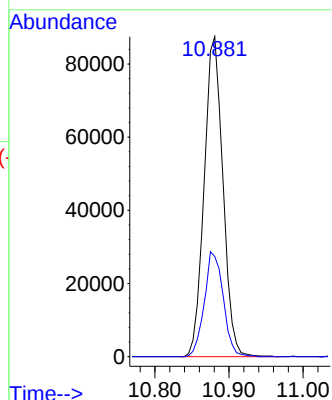
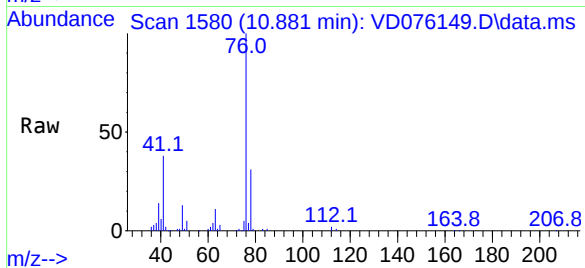
VSTDCCC050

Tgt Ion: 76 Resp: 153614

Ion Ratio Lower Upper

76 100

78 33.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 269.529 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076149.D

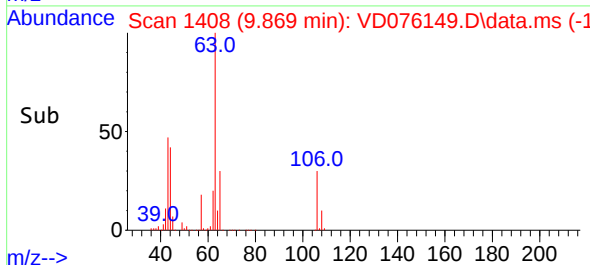
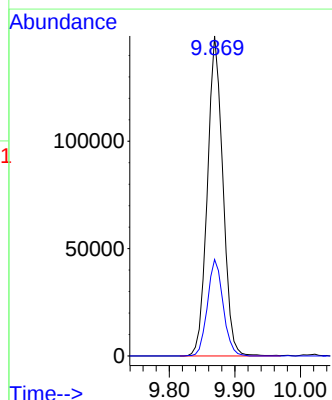
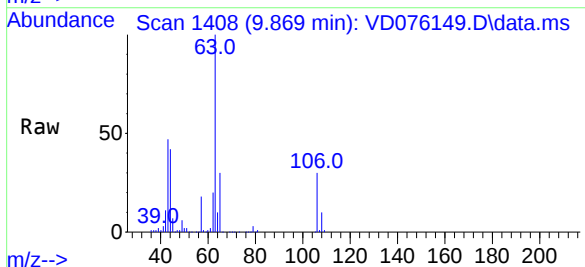
Acq: 19 May 2023 10:30

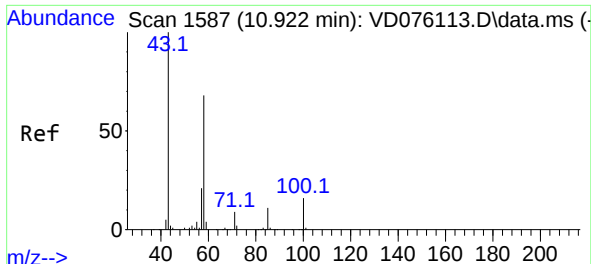
Tgt Ion: 63 Resp: 245114

Ion Ratio Lower Upper

63 100

106 30.4 21.4 32.2

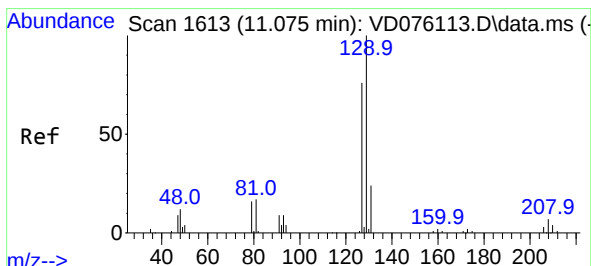
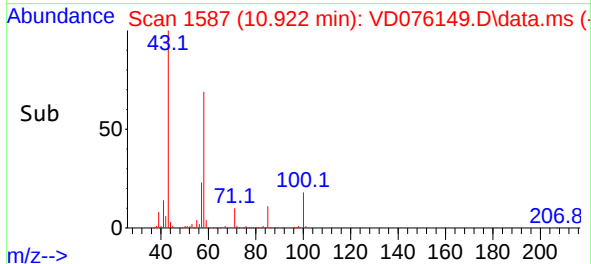
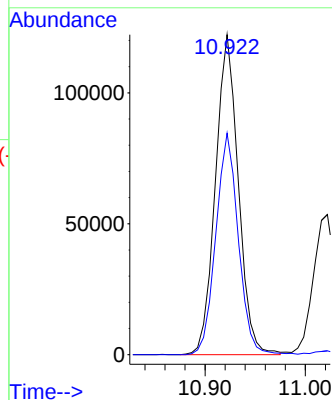
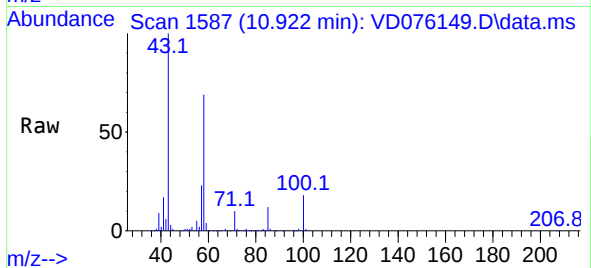




#59
2-Hexanone
Concen: 269.770 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

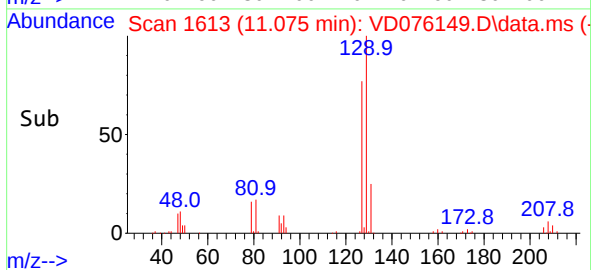
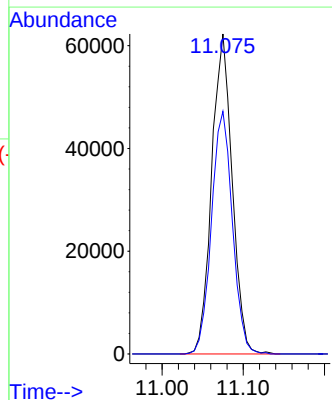
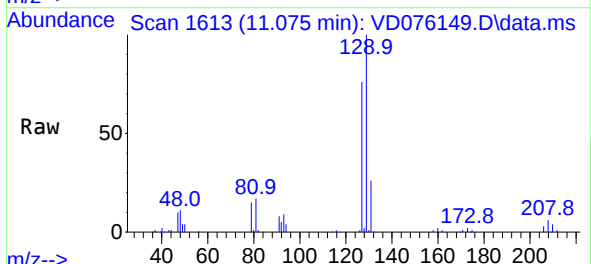
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

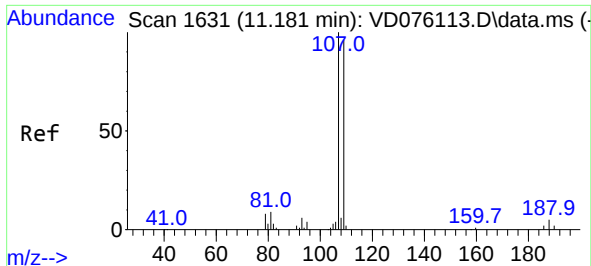
Tgt Ion: 43 Resp: 193623
Ion Ratio Lower Upper
43 100
58 68.1 25.3 75.8



#60
Dibromochloromethane
Concen: 51.402 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 129 Resp: 108988
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.5

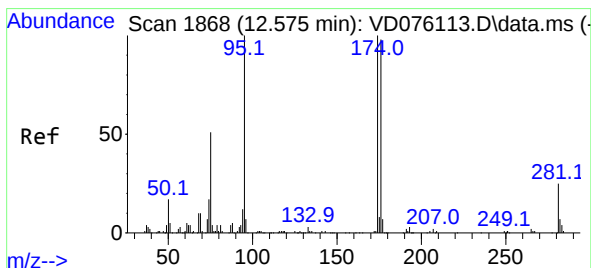
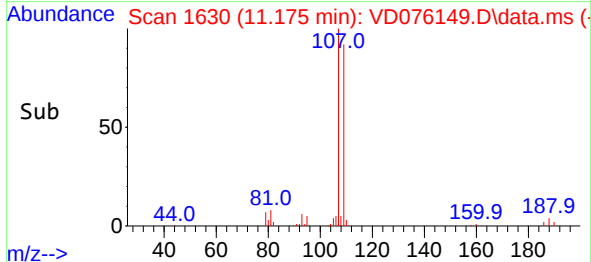
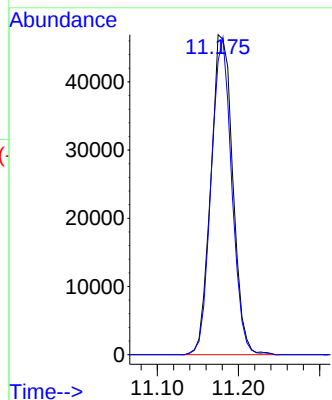
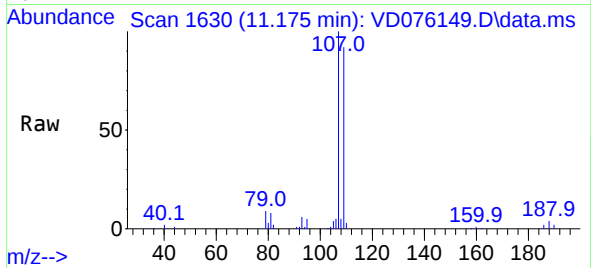




#61
1,2-Dibromoethane
Concen: 52.425 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

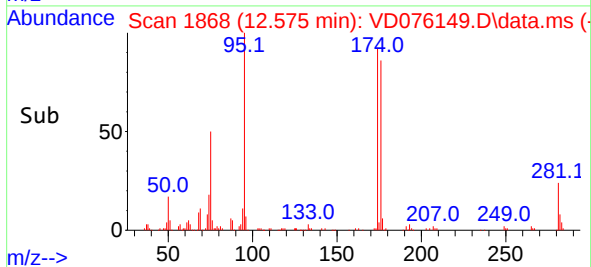
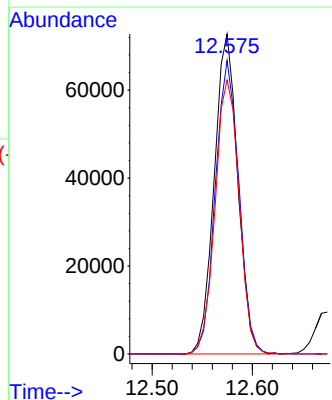
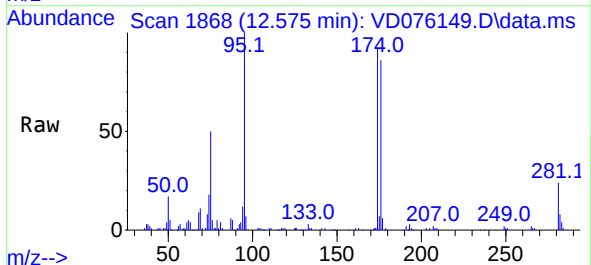
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ClientSampleId :
VSTDCCC050

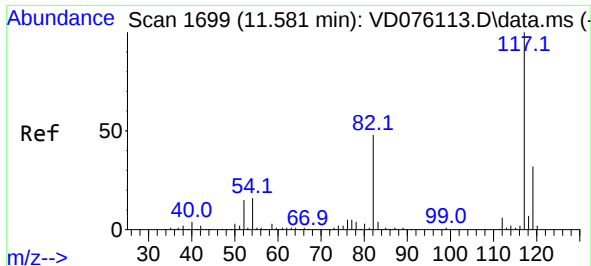
Tgt Ion:107 Resp: 87939
Ion Ratio Lower Upper
107 100
109 93.1 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 50.109 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 95 Resp: 118855
Ion Ratio Lower Upper
95 100
174 91.6 0.0 164.0
176 87.0 0.0 156.8

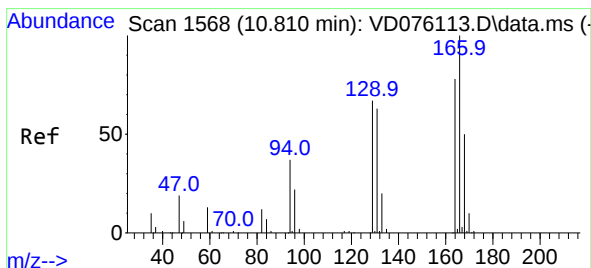
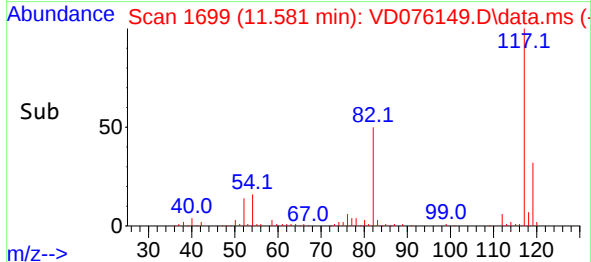
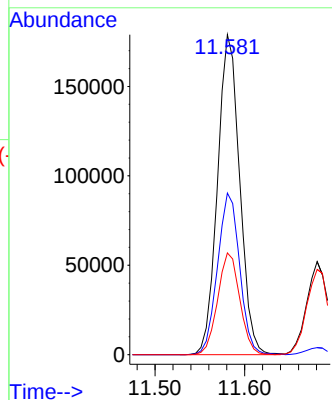
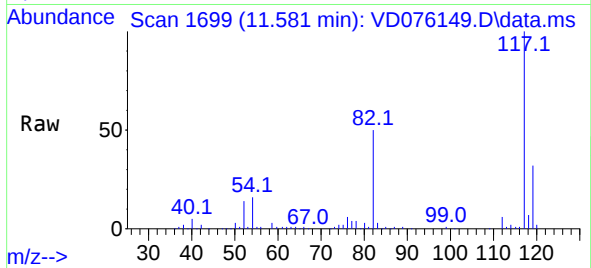




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

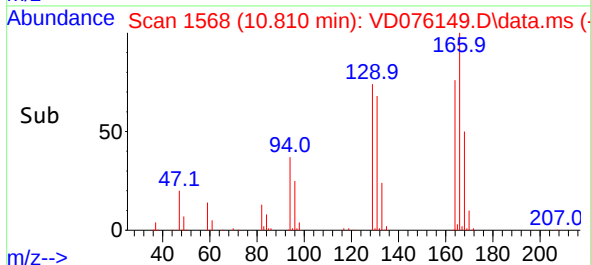
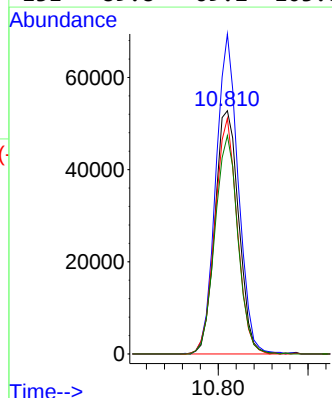
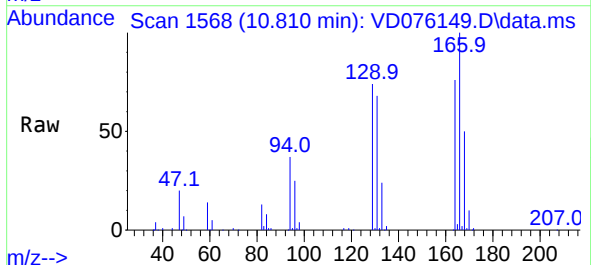
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

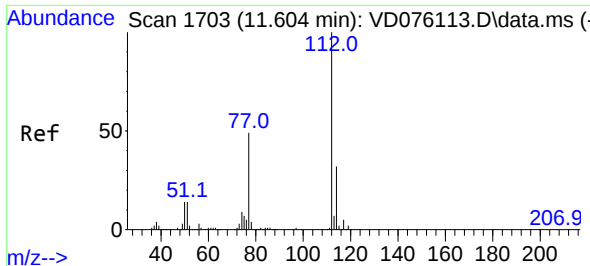
Tgt Ion:117 Resp: 306985
Ion Ratio Lower Upper
117 100
82 50.5 44.0 66.0
119 31.8 25.1 37.7



#64
Tetrachloroethene
Concen: 41.203 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion:164 Resp: 97265
Ion Ratio Lower Upper
164 100
166 131.6 94.9 142.3
129 96.9 73.0 109.6
131 89.8 69.2 103.8

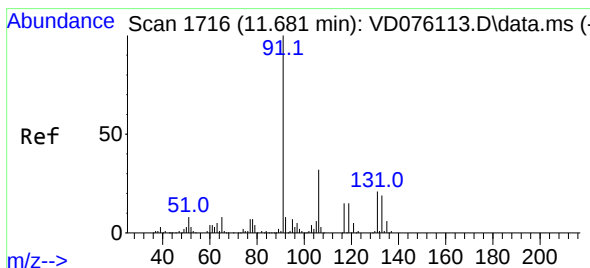
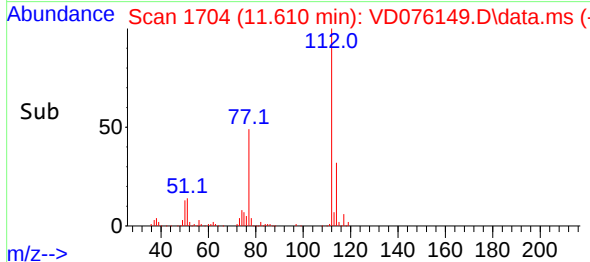
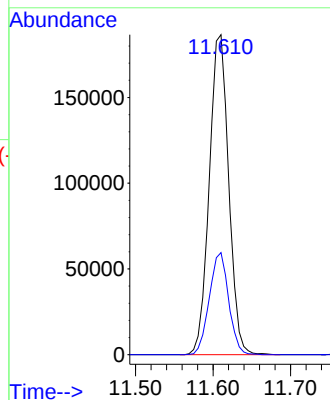
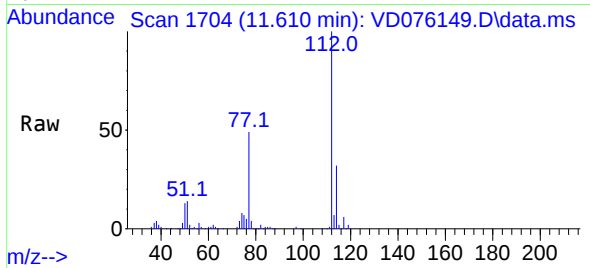




#65
Chlorobenzene
Concen: 46.459 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

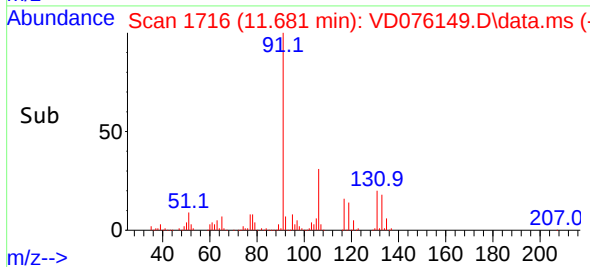
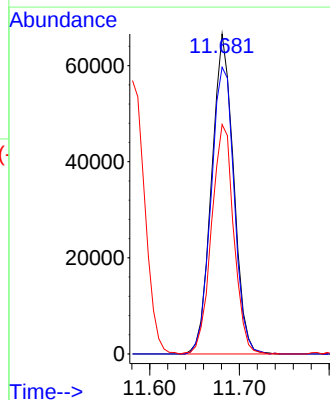
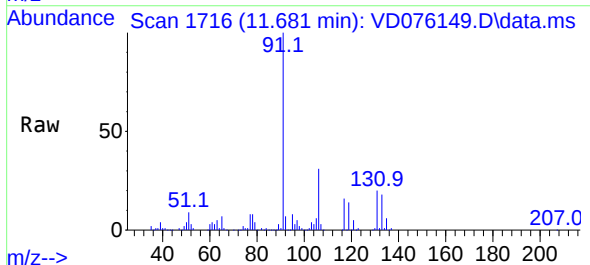
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

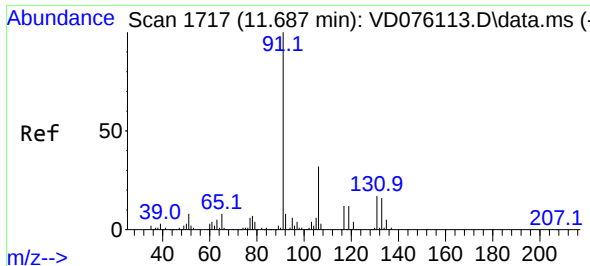
Tgt Ion:112 Resp: 324694
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 46.994 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion:131 Resp: 113025
Ion Ratio Lower Upper
131 100
133 94.5 46.7 140.0
119 72.6 31.9 95.9

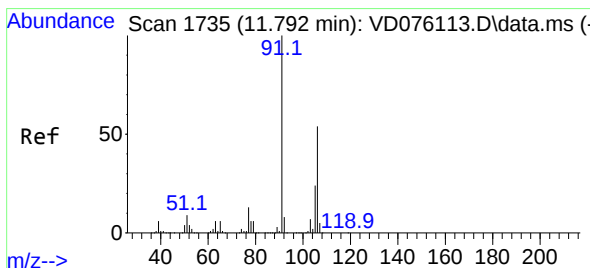
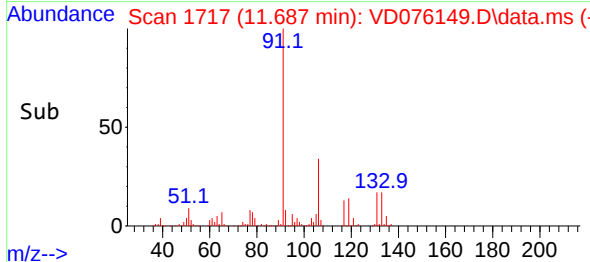
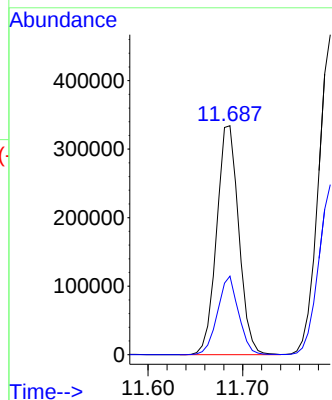
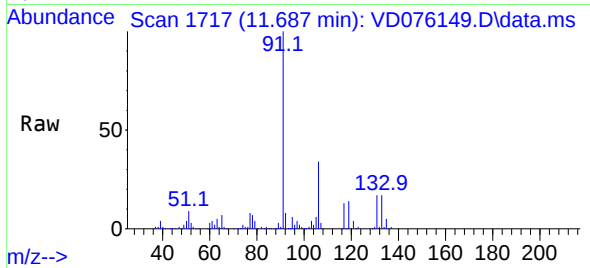




#67
Ethyl Benzene
Concen: 48.628 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

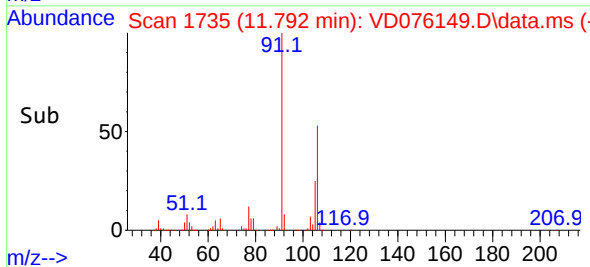
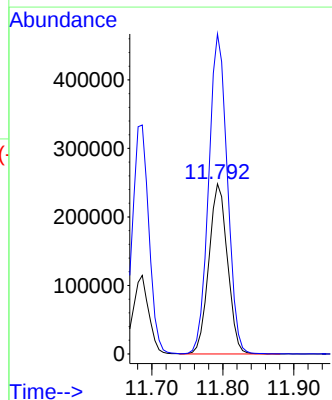
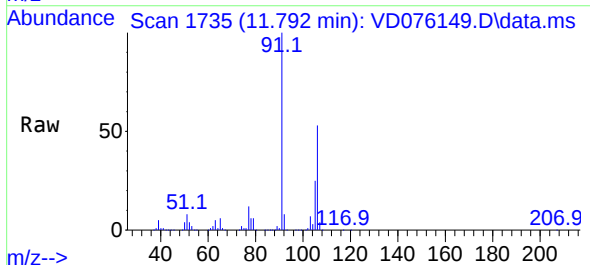
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

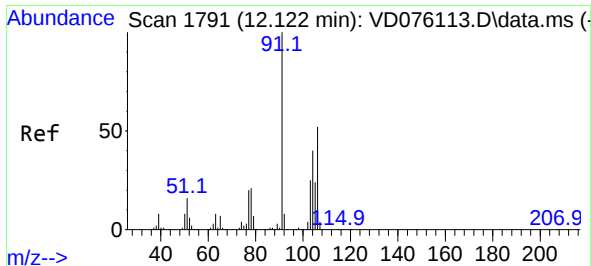
Tgt Ion: 91 Resp: 543048
Ion Ratio Lower Upper
91 100
106 34.3 24.5 36.7



#68
m/p-Xylenes
Concen: 98.997 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 106 Resp: 451835
Ion Ratio Lower Upper
106 100
91 188.5 161.5 242.3

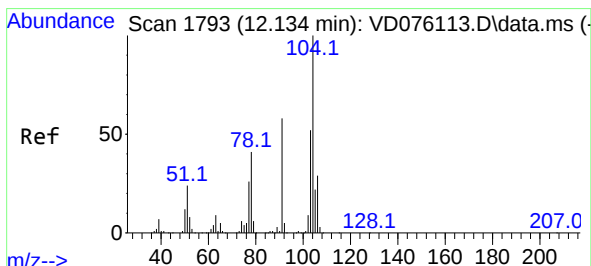
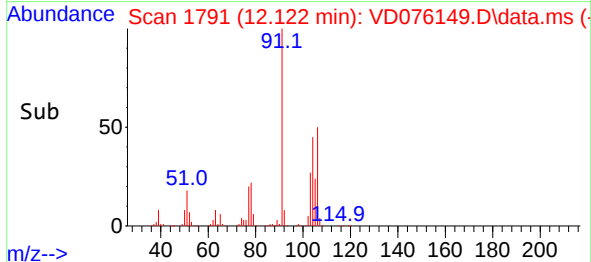
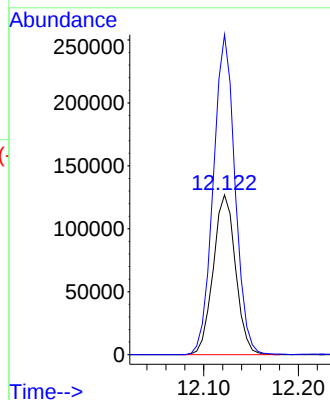
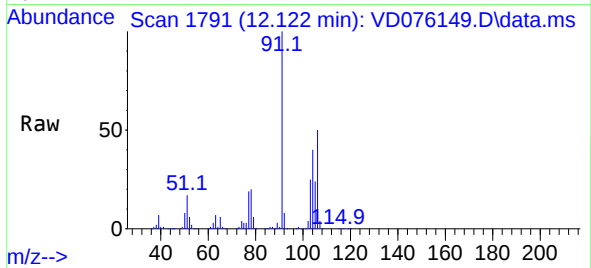




#69
o-Xylene
Concen: 49.883 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

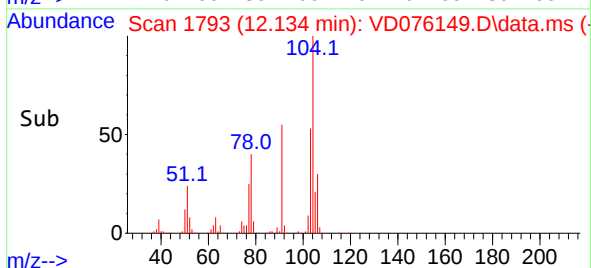
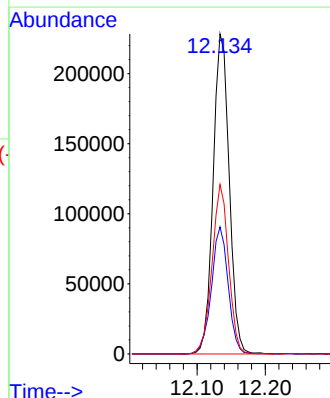
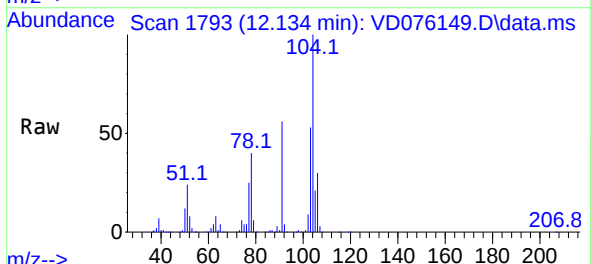
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

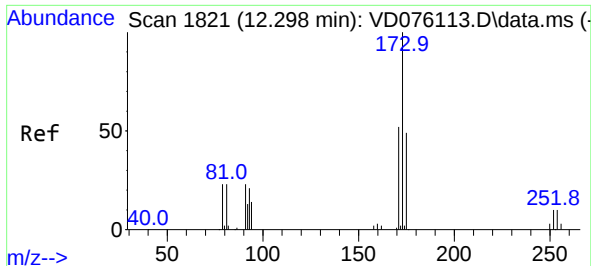
Tgt Ion:106 Resp: 207745
Ion Ratio Lower Upper
106 100
91 195.2 105.7 317.1



#70
Styrene
Concen: 52.011 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion:104 Resp: 375545
Ion Ratio Lower Upper
104 100
78 41.3 40.2 60.4
103 54.3 44.2 66.2

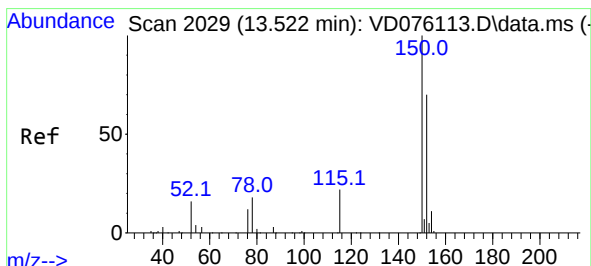
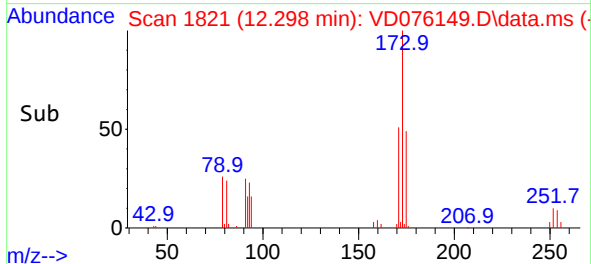
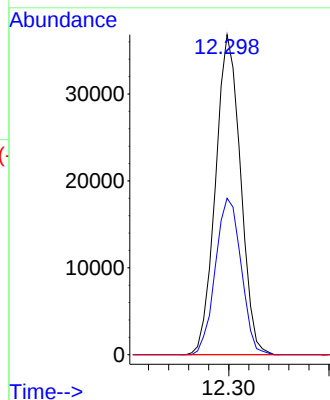
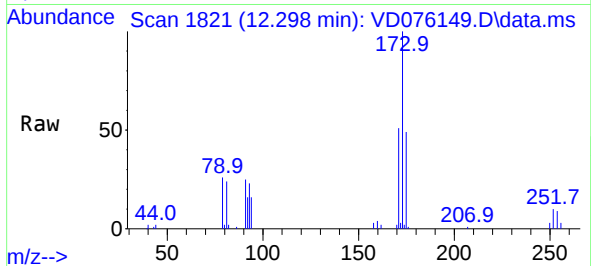




#71
Bromoform
Concen: 47.067 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

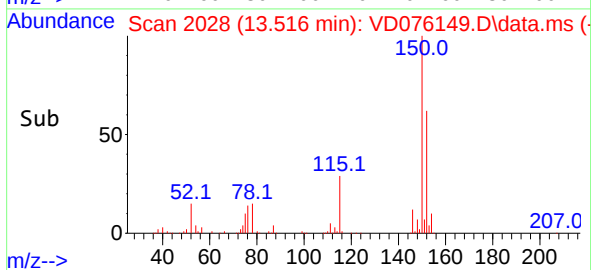
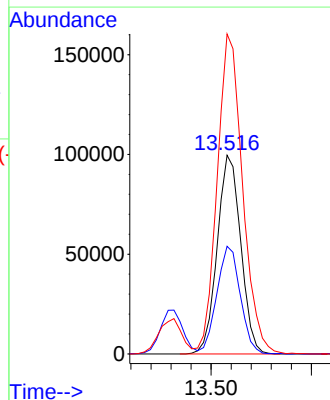
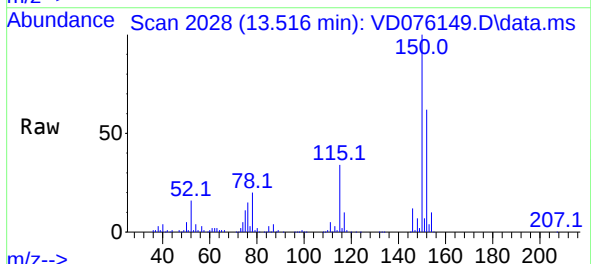
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

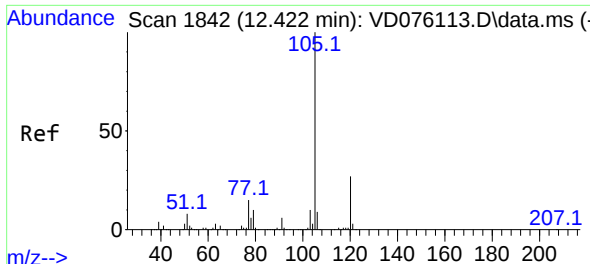
Tgt Ion:173 Resp: 63674
Ion Ratio Lower Upper
173 100
175 50.4 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion:152 Resp: 162115
Ion Ratio Lower Upper
152 100
115 54.0 30.1 90.3
150 174.2 0.0 364.8

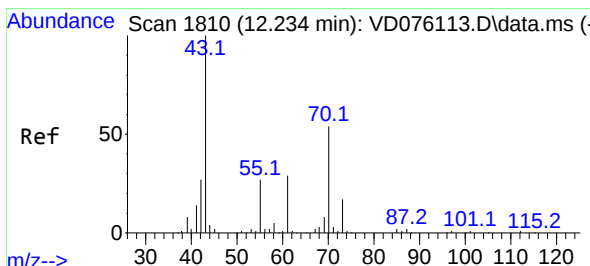
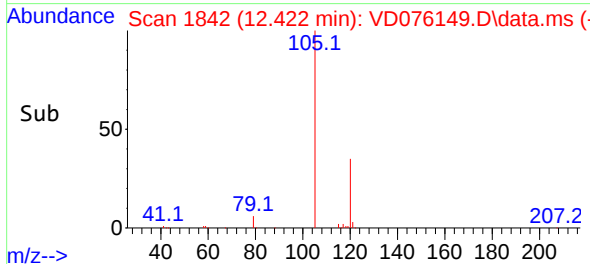
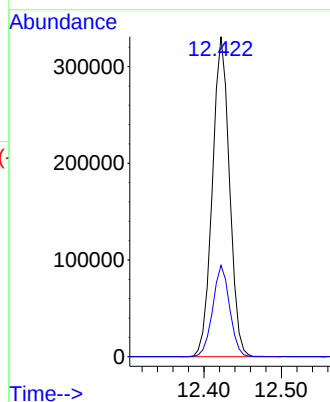
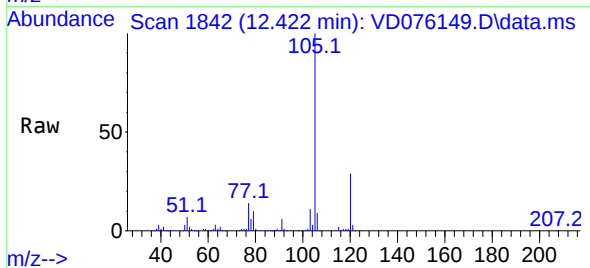




#73
Isopropylbenzene
Concen: 47.429 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

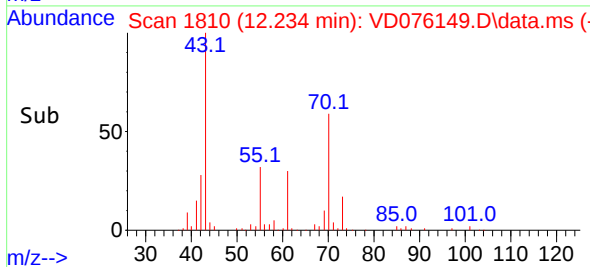
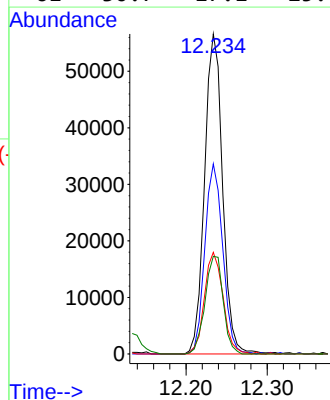
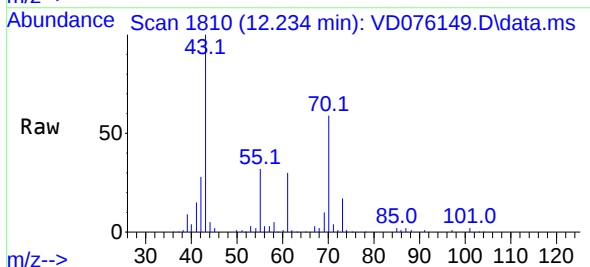
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MSVOA_D
ClientSampleId :
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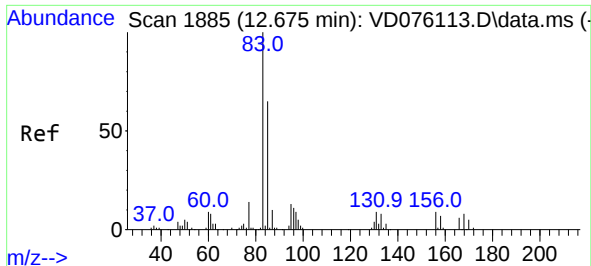
Tgt Ion:105 Resp: 508639
Ion Ratio Lower Upper
105 100
120 28.2 13.4 40.1



#74
N-ethyl acetate
Concen: 45.676 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 43 Resp: 87249
Ion Ratio Lower Upper
43 100
70 59.1 31.0 46.4#
55 32.7 18.6 28.0#
61 30.7 17.1 25.7#

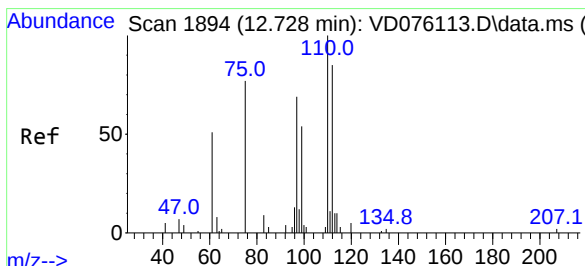
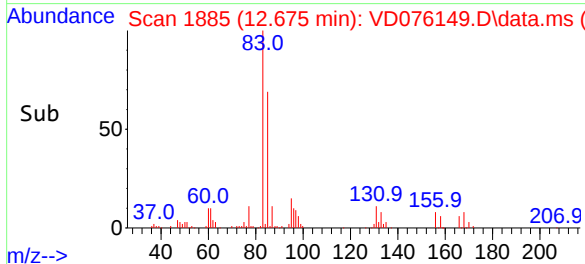
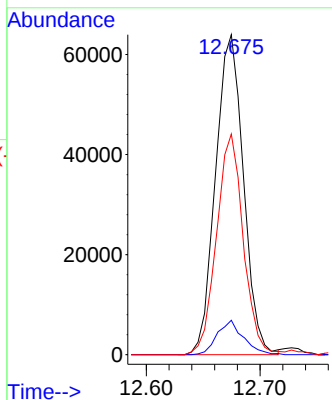
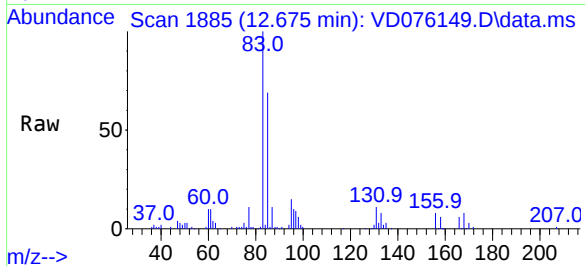




#75
1,1,2,2-Tetrachloroethane
Concen: 47.434 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

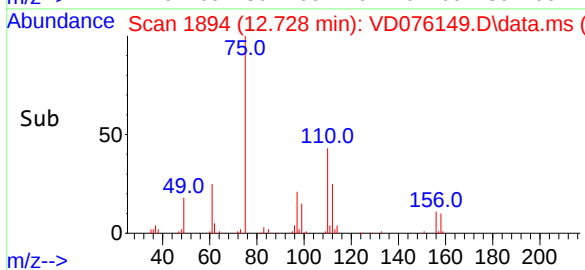
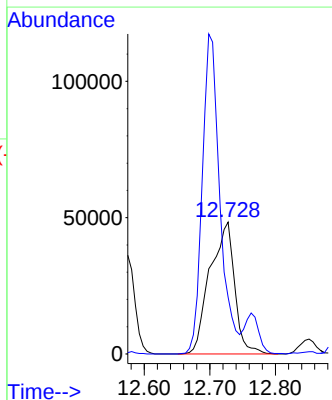
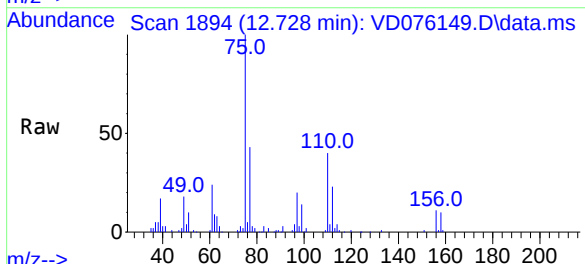
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MSVOA_D
ClientSampleId :
VSTDCCC050

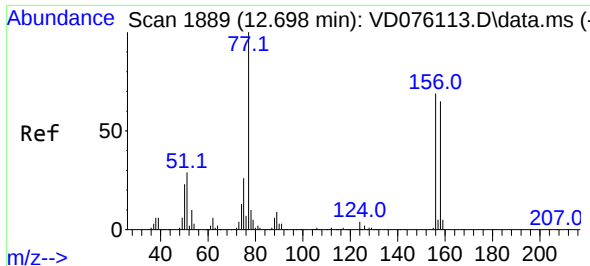
Tgt Ion: 83 Resp: 109329
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.2
85 66.1 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 89.013 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 75 Resp: 126277
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

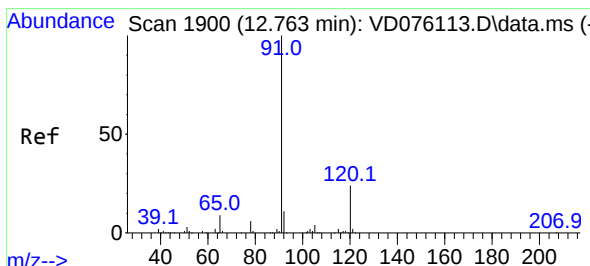
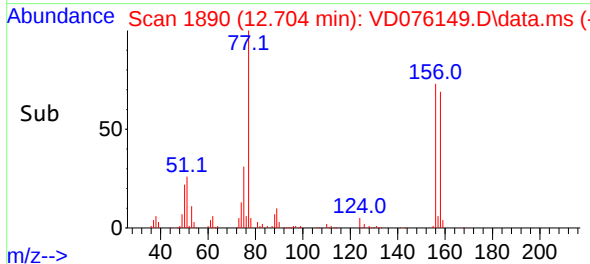
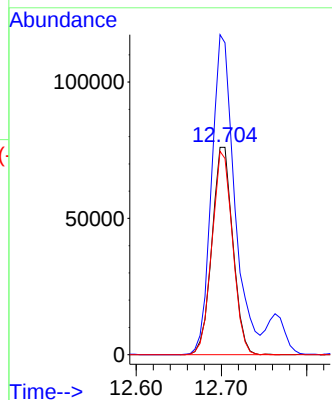
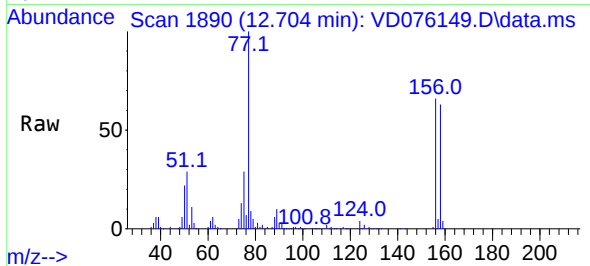




#77
Bromobenzene
Concen: 45.092 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

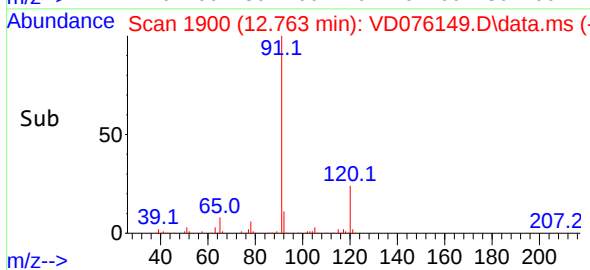
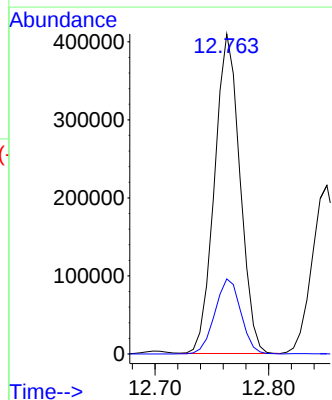
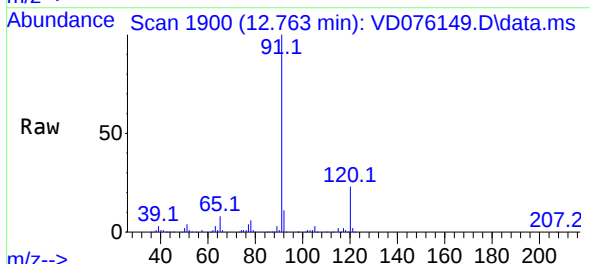
Instrument :
MSVOA_D
ClientSampleId :
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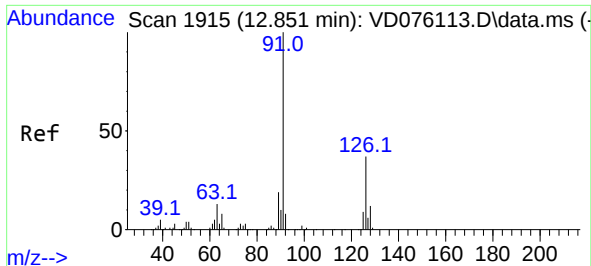
Tgt Ion:156 Resp: 129612
Ion Ratio Lower Upper
156 100
77 169.7 89.5 268.6
158 96.8 47.8 143.4



#78
n-propylbenzene
Concen: 47.667 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 91 Resp: 636281
Ion Ratio Lower Upper
91 100
120 23.9 11.4 34.2

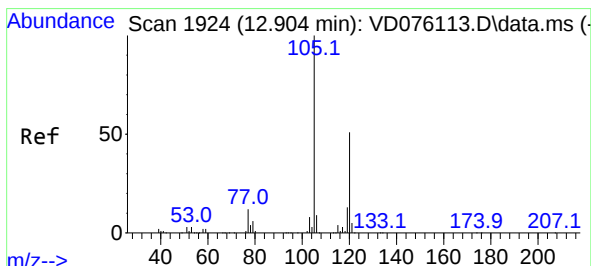
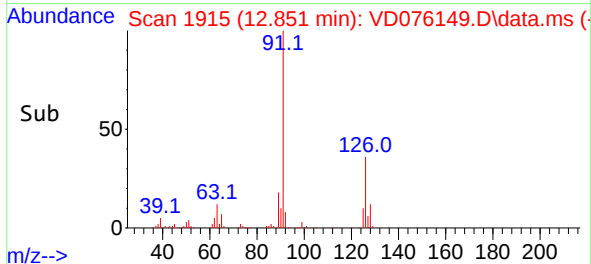
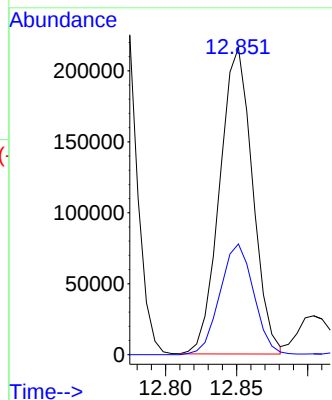
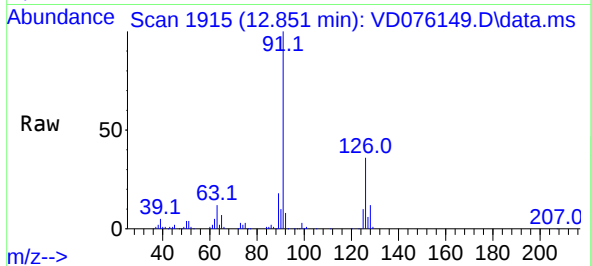




#79
2-Chlorotoluene
Concen: 47.064 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

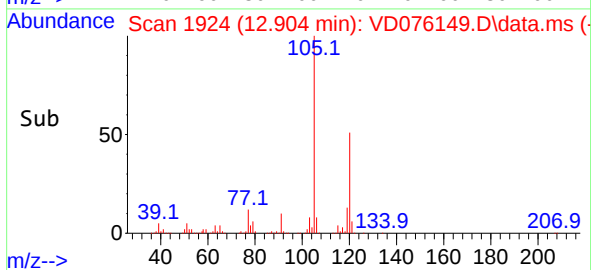
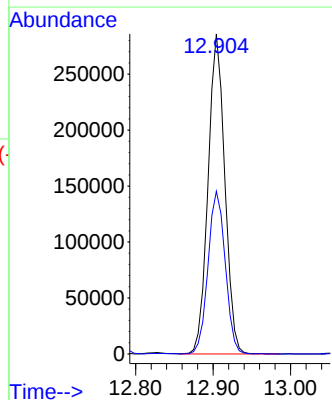
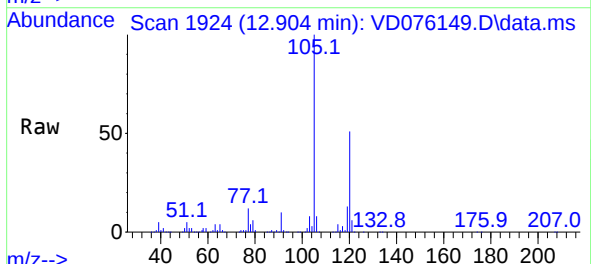
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

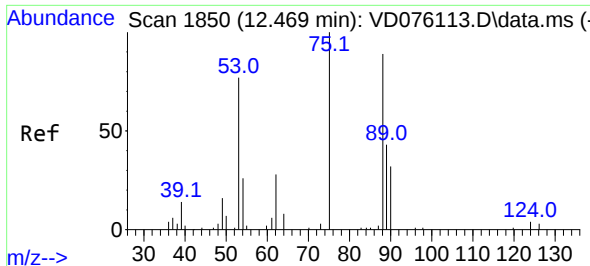
Tgt Ion: 91 Resp: 347696
Ion Ratio Lower Upper
91 100
126 37.1 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 48.237 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 105 Resp: 428836
Ion Ratio Lower Upper
105 100
120 52.3 24.3 72.8

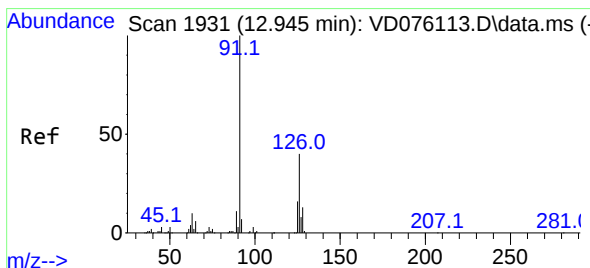
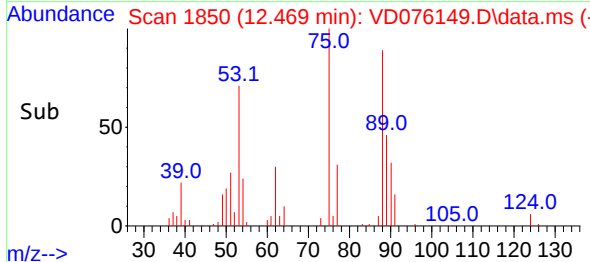
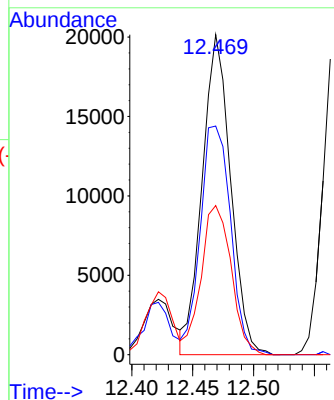
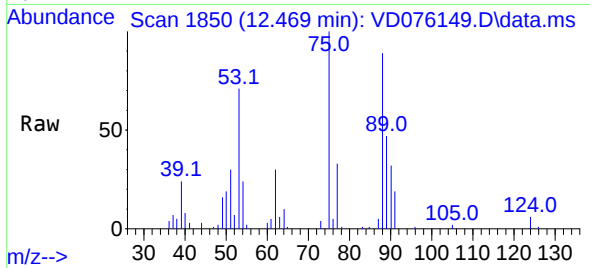




#81
trans-1,4-Dichloro-2-butene
Concen: 48.384 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

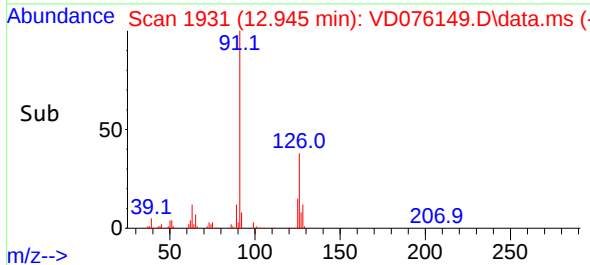
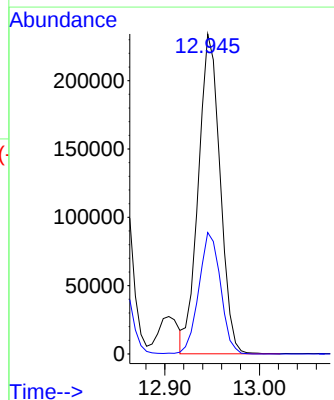
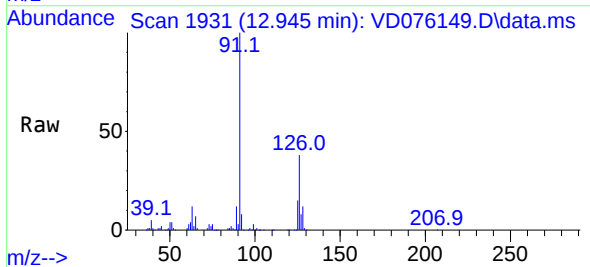
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

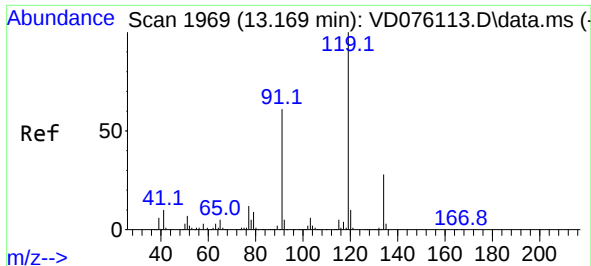
Tgt Ion: 75 Resp: 32719
Ion Ratio Lower Upper
75 100
53 76.5 90.5 135.7#
89 49.5 40.2 60.4



#82
4-Chlorotoluene
Concen: 47.455 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 91 Resp: 372909
Ion Ratio Lower Upper
91 100
126 38.0 17.1 51.2

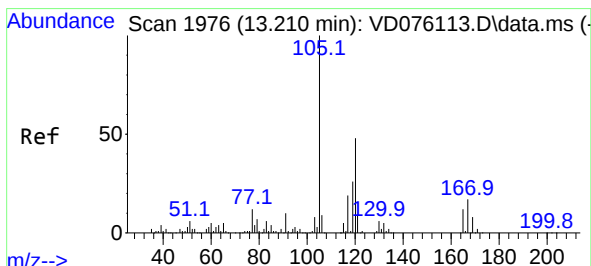
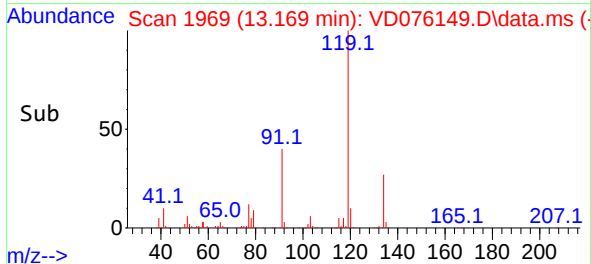
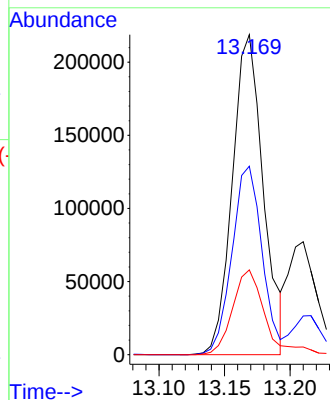
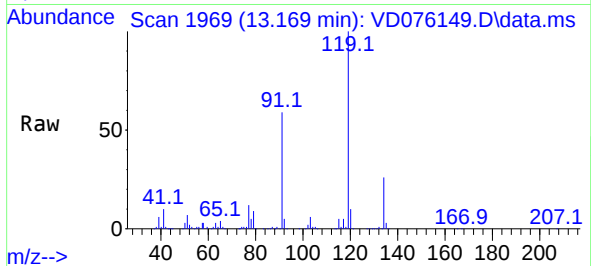




#83
tert-Butylbenzene
Concen: 47.854 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

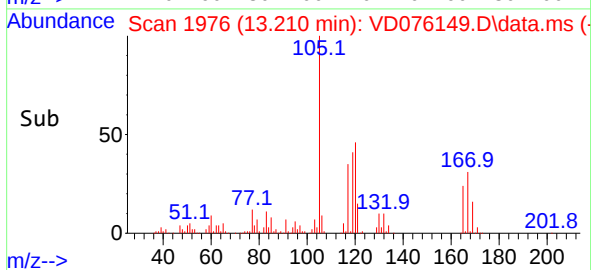
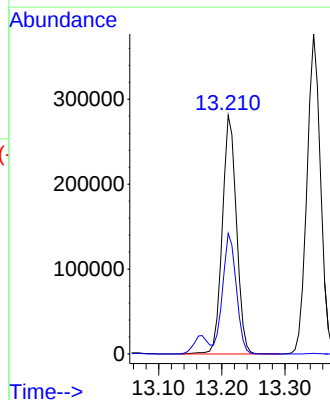
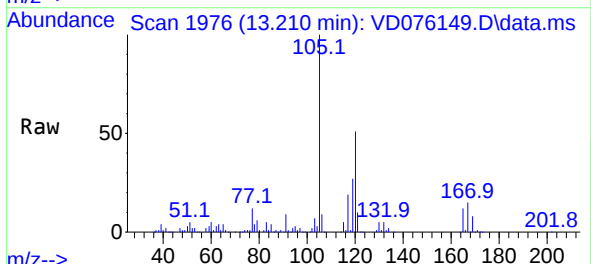
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

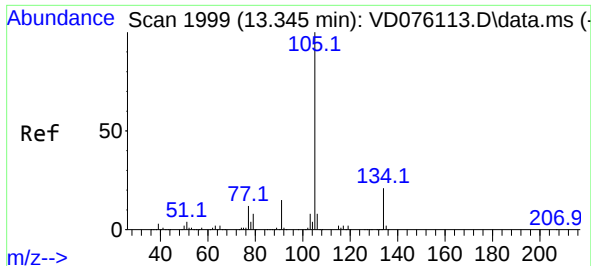
Tgt Ion:119 Resp: 359543
Ion Ratio Lower Upper
119 100
91 57.2 32.4 97.0
134 27.8 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 49.327 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion:105 Resp: 436726
Ion Ratio Lower Upper
105 100
120 48.6 22.3 66.9

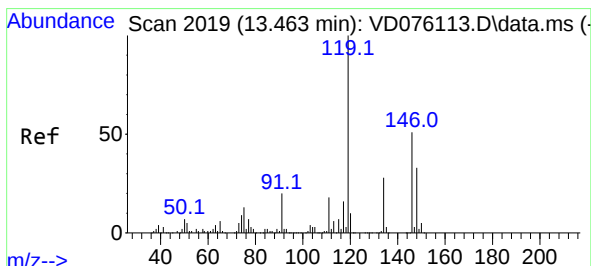
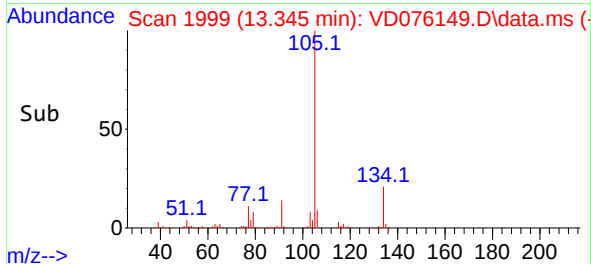
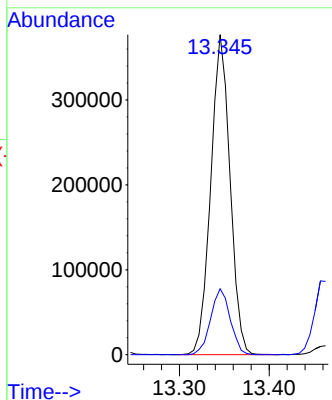
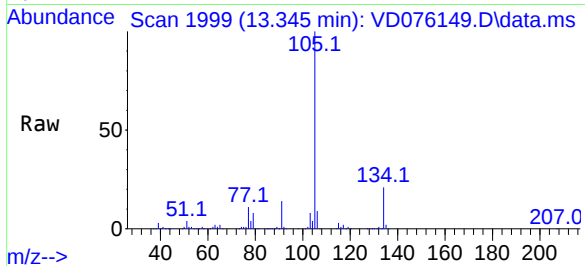




#85
 sec-Butylbenzene
 Concen: 48.001 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076149.D
 Acq: 19 May 2023 10:30

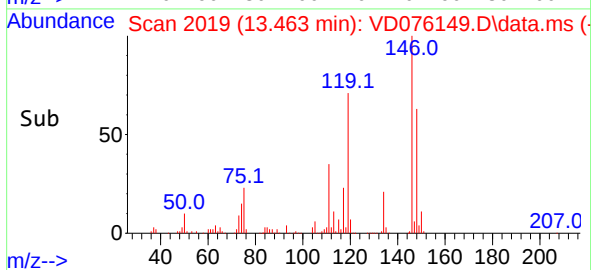
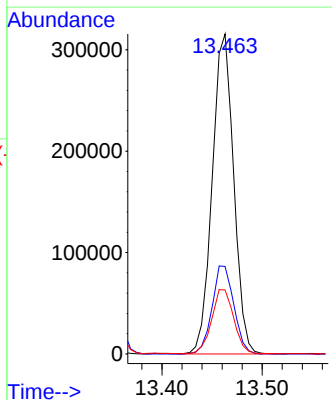
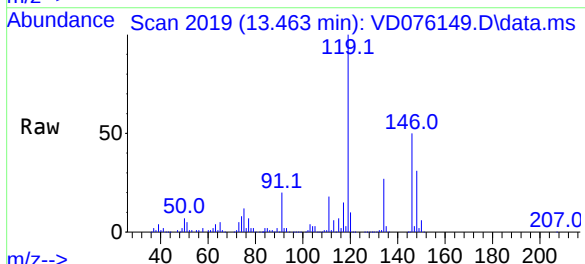
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

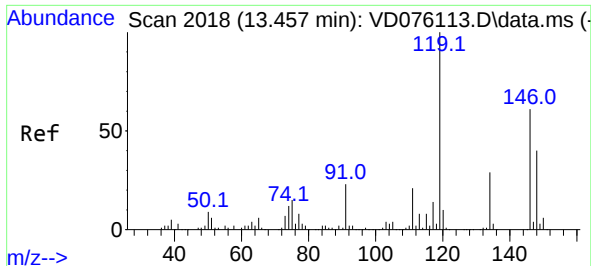
Tgt Ion:105 Resp: 562048
 Ion Ratio Lower Upper
 105 100
 134 20.9 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 48.927 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD076149.D
 Acq: 19 May 2023 10:30

Tgt Ion:119 Resp: 468765
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.1 39.3
 91 20.6 12.4 37.4

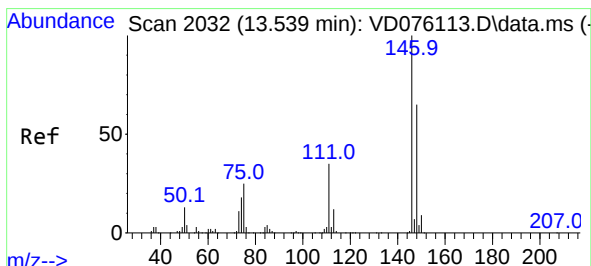
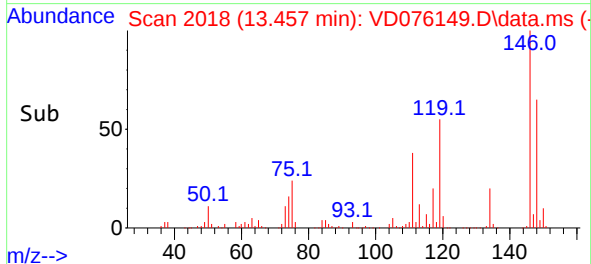
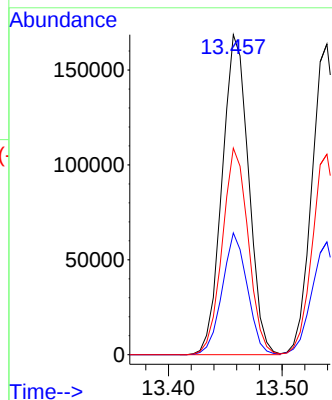
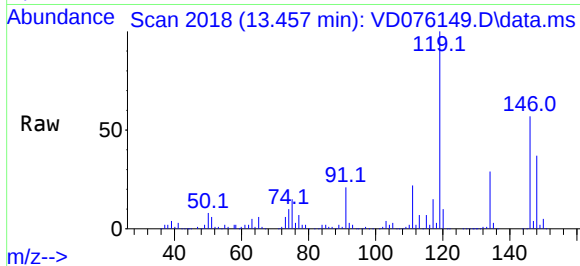




#87
1,3-Dichlorobenzene
Concen: 46.923 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

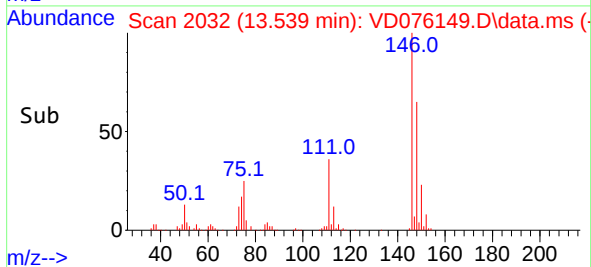
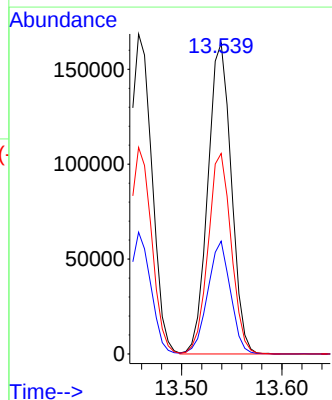
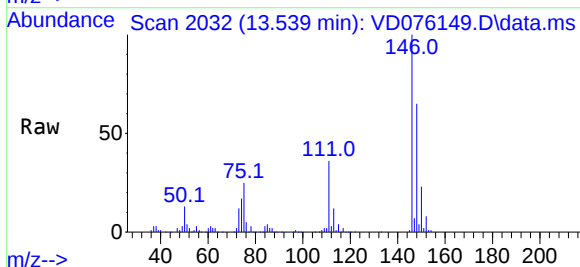
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

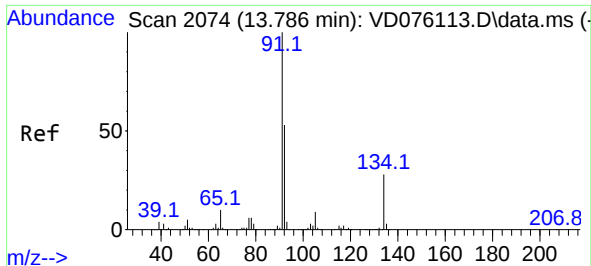
Tgt Ion:146 Resp: 272696
Ion Ratio Lower Upper
146 100
111 36.1 19.8 59.3
148 63.3 31.0 93.0



#88
1,4-Dichlorobenzene
Concen: 46.334 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion:146 Resp: 266629
Ion Ratio Lower Upper
146 100
111 35.3 19.6 58.8
148 63.8 31.7 95.1

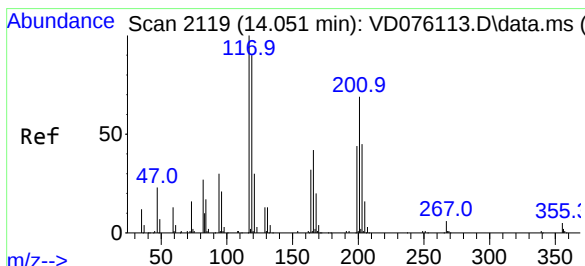
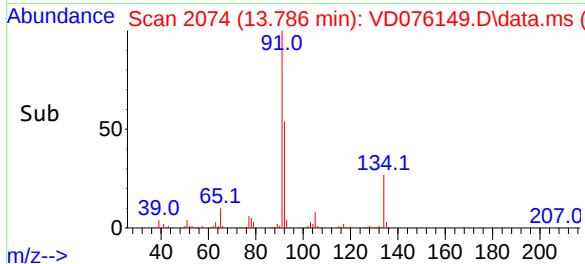
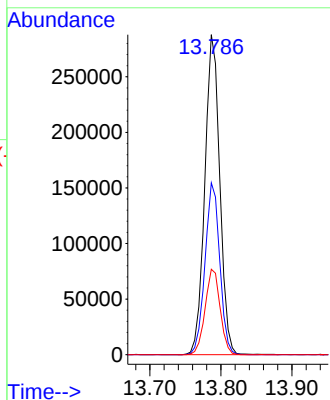
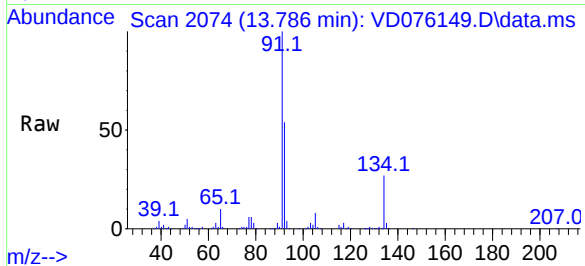




#89
n-Butylbenzene
Concen: 46.828 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

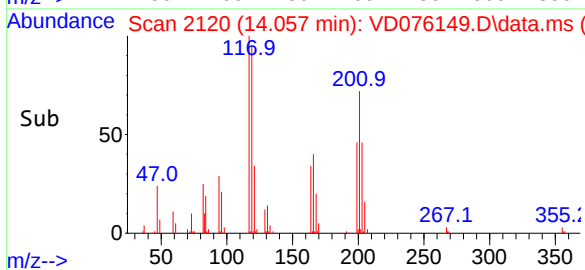
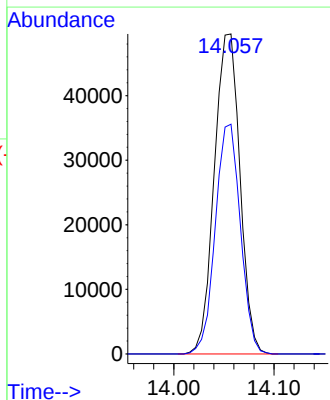
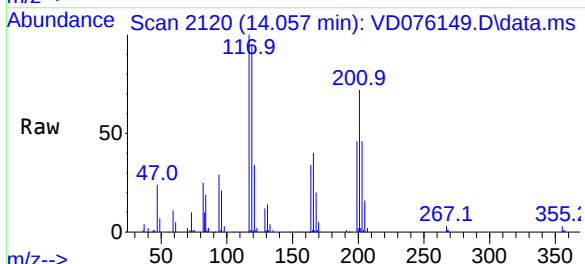
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

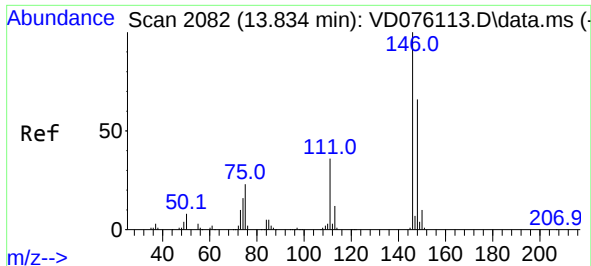
Tgt Ion: 91 Resp: 422808
Ion Ratio Lower Upper
91 100
92 52.9 26.2 78.5
134 26.7 12.7 38.0



#90
Hexachloroethane
Concen: 44.650 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 117 Resp: 87994
Ion Ratio Lower Upper
117 100
201 70.2 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 46.900 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

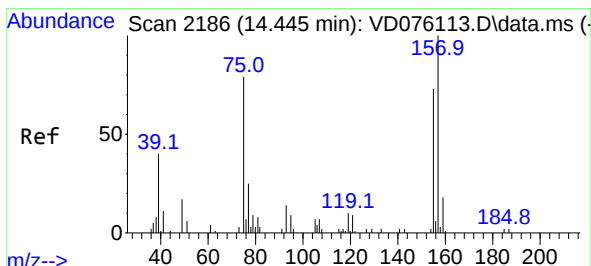
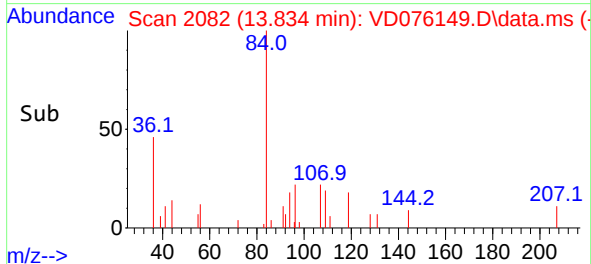
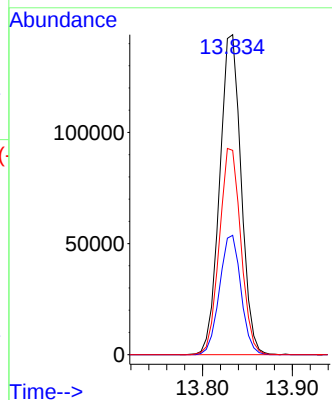
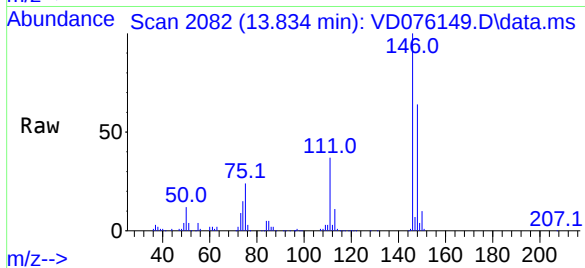
Tgt Ion:146 Resp: 239195

Ion Ratio Lower Upper

146 100

111 37.2 20.6 61.8

148 64.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.773 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

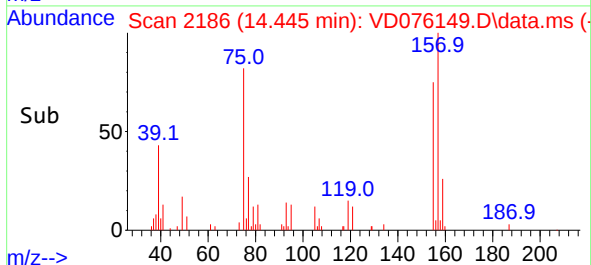
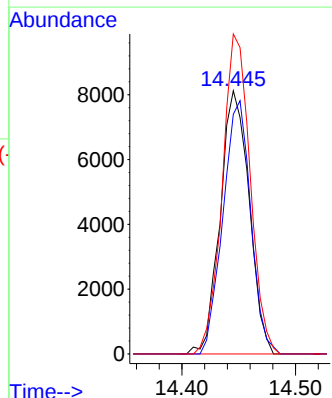
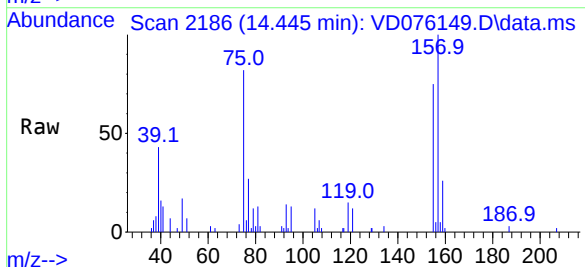
Tgt Ion: 75 Resp: 14297

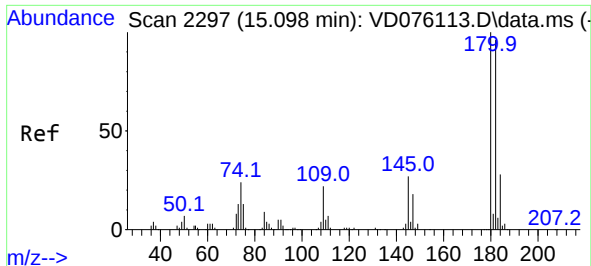
Ion Ratio Lower Upper

75 100

155 92.8 39.5 118.5

157 117.5 53.5 160.7

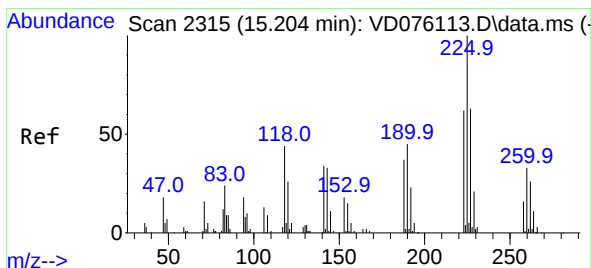
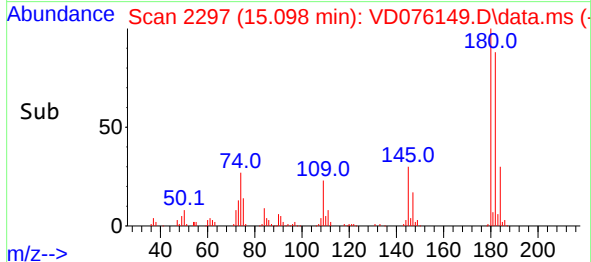
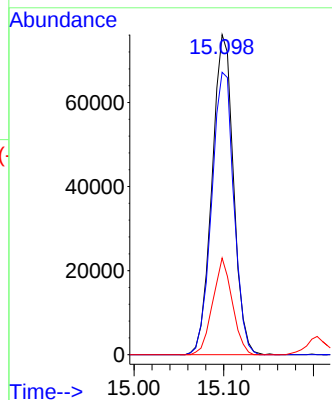
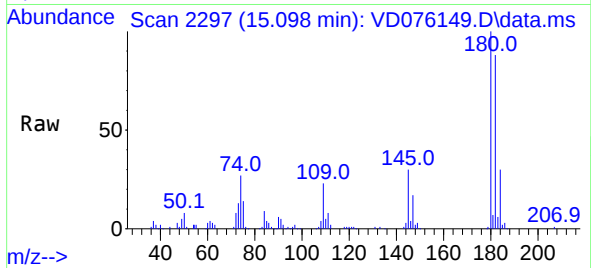




#93
1,2,4-Trichlorobenzene
Concen: 42.583 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

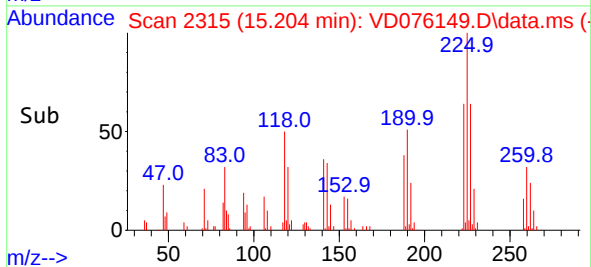
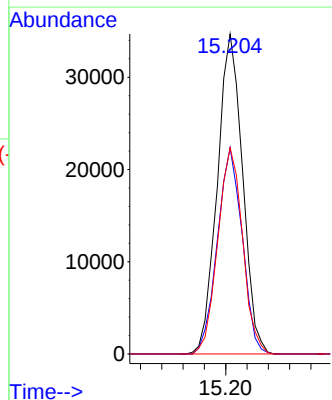
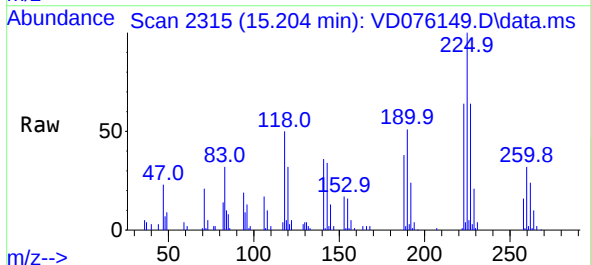
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

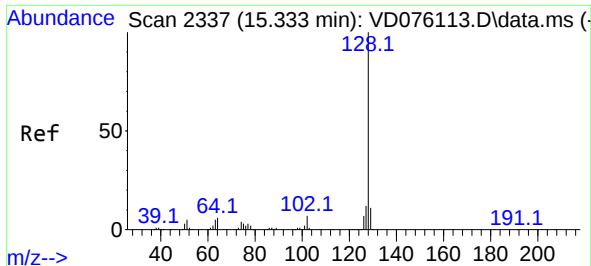
Tgt Ion:180 Resp: 126328
Ion Ratio Lower Upper
180 100
182 91.0 47.9 143.7
145 27.5 15.9 47.7



#94
Hexachlorobutadiene
Concen: 37.729 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion:225 Resp: 57068
Ion Ratio Lower Upper
225 100
223 63.1 33.1 99.2
227 63.1 31.9 95.9

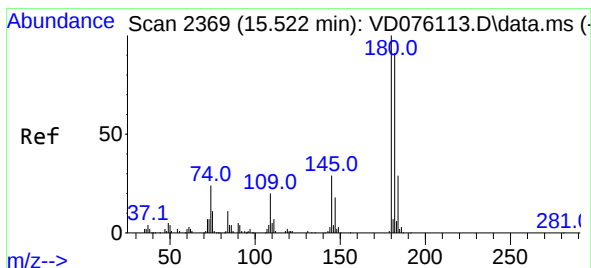
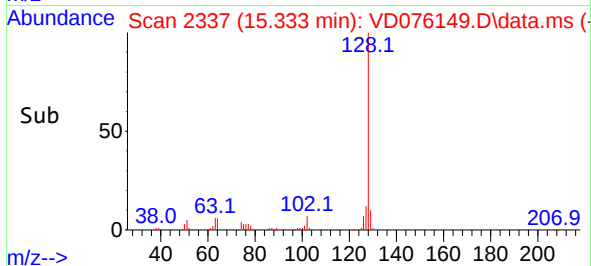
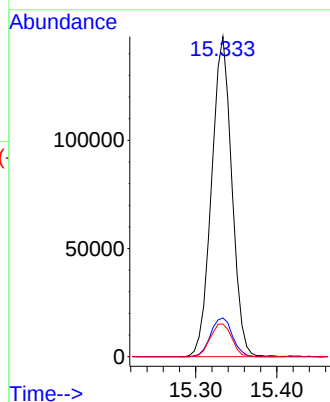
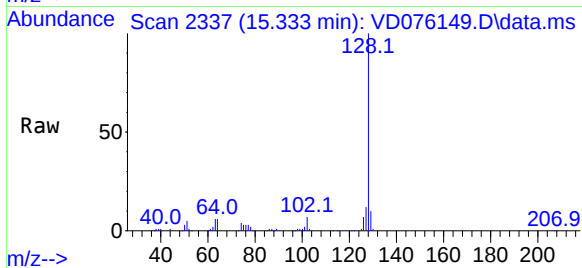




#95
Naphthalene
Concen: 46.416 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.001 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 255856
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 41.895 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion:180 Resp: 113034
Ion Ratio Lower Upper
180 100
182 94.2 47.7 143.1
145 30.3 16.4 49.4

