

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080823\
 Data File : VD076954.D
 Acq On : 08 Aug 2023 14:58
 Operator : KP/SY
 Sample : VSTDICC0150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 09 05:43:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 05:34:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	219165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	368387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	348006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	170205	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	204199	118.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 236.220%#	
35) Dibromofluoromethane	7.805	113	258088	130.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 260.620%#	
50) Toluene-d8	10.269	98	848366	133.367	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 266.740%#	
62) 4-Bromofluorobenzene	12.575	95	298362	134.169	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 268.340%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	164711	152.032	ug/l	99
3) Chloromethane	2.146	50	227317	122.270	ug/l	99
4) Vinyl Chloride	2.275	62	359297	131.154	ug/l	99
5) Bromomethane	2.664	94	326497	131.772	ug/l	99
6) Chloroethane	2.822	64	288021	127.972	ug/l	99
7) Trichlorofluoromethane	3.164	101	391644	131.234	ug/l	96
8) Diethyl Ether	3.587	74	127974	133.271	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.958	101	266627	130.462	ug/l	98
10) Methyl Iodide	4.152	142	290332	147.512	ug/l	92
11) Tert butyl alcohol	5.064	59	80757	749.505	ug/l	99
12) 1,1-Dichloroethene	3.928	96	224415	133.795	ug/l	93
13) Acrolein	3.793	56	27902	753.251	ug/l	99
14) Allyl chloride	4.552	41	272866	132.462	ug/l	94
15) Acrylonitrile	5.252	53	318738	667.514	ug/l	100
16) Acetone	4.017	43	222699	745.081	ug/l #	86
17) Carbon Disulfide	4.264	76	401548	141.425	ug/l	99
18) Methyl Acetate	4.558	43	204459	126.647	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	639332	135.036	ug/l	98
20) Methylene Chloride	4.799	84	299049	150.027	ug/l	93
21) trans-1,2-Dichloroethene	5.299	96	256480	133.865	ug/l	96
22) Diisopropyl ether	6.211	45	707721	131.513	ug/l	96
23) Vinyl Acetate	6.152	43	1475634	584.670	ug/l	95
24) 1,1-Dichloroethane	6.105	63	482738	125.504	ug/l	98
25) 2-Butanone	7.075	43	354243	612.557	ug/l #	87
26) 2,2-Dichloropropane	7.075	77	436878	125.098	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	346902	131.950	ug/l	99
28) Bromochloromethane	7.422	49	237178	129.019	ug/l	93
29) Tetrahydrofuran	7.446	42	213483	661.082	ug/l	96
30) Chloroform	7.593	83	560855	127.808	ug/l	96
31) Cyclohexane	7.875	56	296295	150.178	ug/l	98
32) 1,1,1-Trichloroethane	7.787	97	480685	133.471	ug/l	96
36) 1,1-Dichloropropene	8.005	75	356249	145.463	ug/l	98
37) Ethyl Acetate	7.169	43	154765	136.950	ug/l	96
38) Carbon Tetrachloride	7.987	117	387586	147.866	ug/l	99
39) Methylcyclohexane	9.275	83	399804	154.082	ug/l	95
40) Benzene	8.252	78	1095450	139.110	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	92263	151.303	ug/l #	94
42) 1,2-Dichloroethane	8.322	62	291155	137.163	ug/l	98
43) Isopropyl Acetate	8.357	43	298741	140.675	ug/l	95
44) Trichloroethene	9.028	130	303920	139.791	ug/l	91
45) 1,2-Dichloropropane	9.304	63	289394	136.369	ug/l	96
46) Dibromomethane	9.393	93	171393	135.158	ug/l	94
47) Bromodichloromethane	9.581	83	438495	134.800	ug/l	98
48) Methyl methacrylate	9.381	41	133324	142.773	ug/l	89
49) 1,4-Dioxane	9.387	88	39475	2663.286	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	829221	707.404	ug/l	96
52) Toluene	10.334	92	757977	146.561	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	407900	143.734	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	465660	141.479	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	259512	137.899	ug/l	94
56) Ethyl methacrylate	10.599	69	295439	151.466	ug/l	93
57) 1,3-Dichloropropane	10.881	76	403396	137.976	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	520437	709.777	ug/l	100
59) 2-Hexanone	10.922	43	566022	709.370	ug/l	95
60) Dibromochloromethane	11.075	129	319217	140.649	ug/l	97
61) 1,2-Dibromoethane	11.181	107	231710	138.456	ug/l	100
64) Tetrachloroethene	10.810	164	244455	139.546	ug/l	93
65) Chlorobenzene	11.604	112	854845	138.848	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	342992	141.181	ug/l	96
67) Ethyl Benzene	11.681	91	1540159	148.276	ug/l	98
68) m/p-Xylenes	11.793	106	1195843	296.427	ug/l	93
69) o-Xylene	12.122	106	582585	150.584	ug/l	94
70) Styrene	12.134	104	1025337	148.662	ug/l	99
71) Bromoform	12.298	173	191269	142.012	ug/l #	99
73) Isopropylbenzene	12.422	105	1566644	146.270	ug/l	96
74) N-amyl acetate	12.234	43	292166	136.915	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	303193	128.468	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	358593	224.584	ug/l #	100
77) Bromobenzene	12.698	156	356310	136.716	ug/l	93
78) n-propylbenzene	12.763	91	1868444	143.407	ug/l	96
79) 2-Chlorotoluene	12.851	91	985606	137.595	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	1260948	145.040	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	94063	138.407	ug/l	95
82) 4-Chlorotoluene	12.945	91	1038802	138.561	ug/l	97
83) tert-Butylbenzene	13.169	119	1188406	149.075	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	1289805	145.600	ug/l	96
85) sec-Butylbenzene	13.345	105	1769885	146.964	ug/l	96
86) p-Isopropyltoluene	13.463	119	1510583	151.865	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	758258	140.258	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	726861	134.860	ug/l	99
89) n-Butylbenzene	13.787	91	1384581	146.132	ug/l	99
90) Hexachloroethane	14.051	117	275296	136.964	ug/l	90
91) 1,2-Dichlorobenzene	13.834	146	654129	136.093	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	42383	132.082	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	418541	140.792	ug/l	97
94) Hexachlorobutadiene	15.204	225	203529	136.855	ug/l	99
95) Naphthalene	15.334	128	883185	146.074	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	372888	140.686	ug/l	98

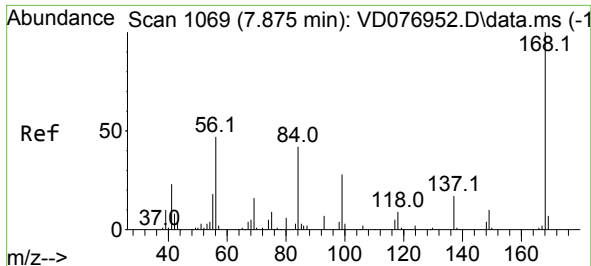
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080823\
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Instrument :
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ClientSampleId :
VSTDICC150

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Quant Title : SW846 8260
QLast Update : Wed Aug 09 05:34:08 2023
Response via : Initial Calibration

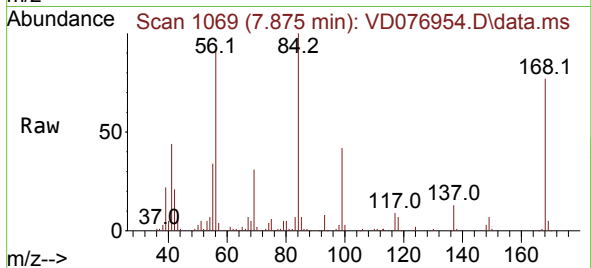
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

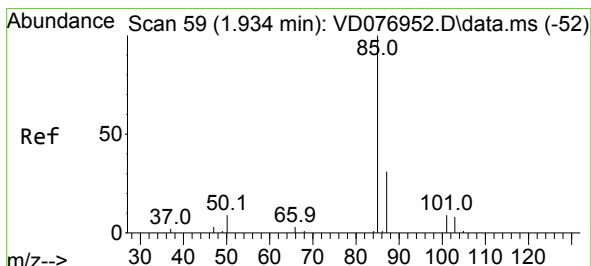
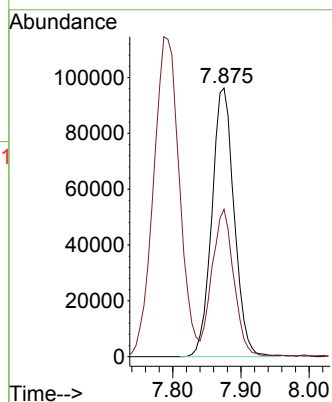
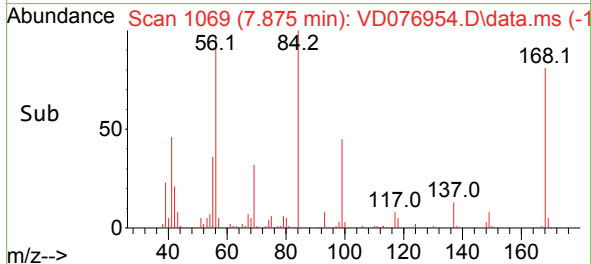


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Instrument :
MSVOA_D
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VSTDIC150

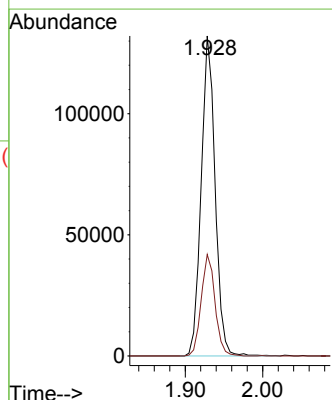
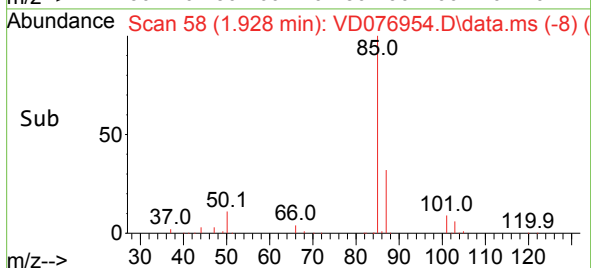
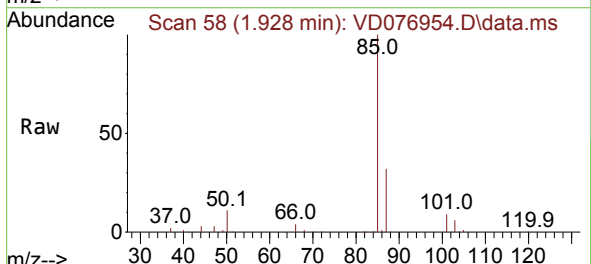


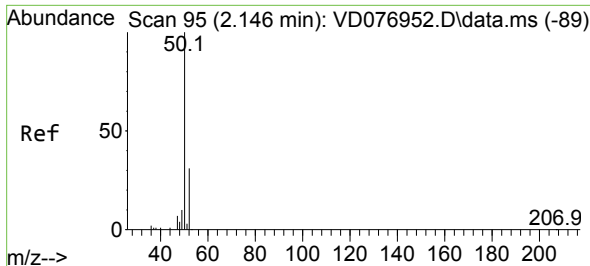
Tgt Ion:168 Resp: 219165
Ion Ratio Lower Upper
168 100
99 54.2 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 152.032 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion: 85 Resp: 164711
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.0

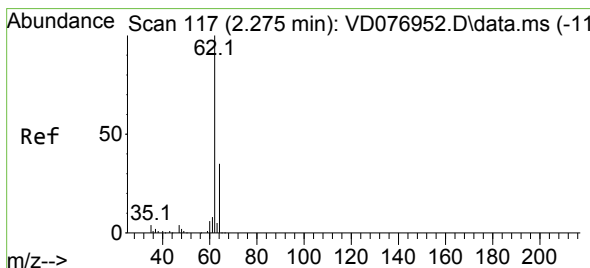
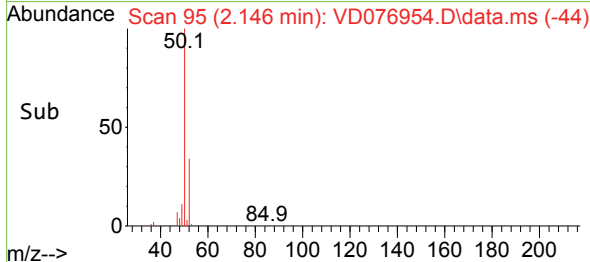
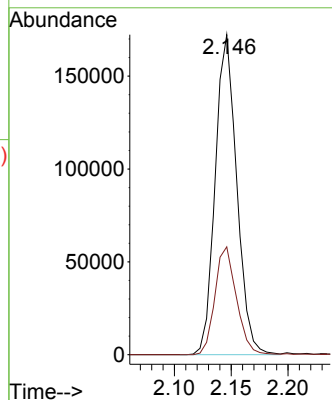
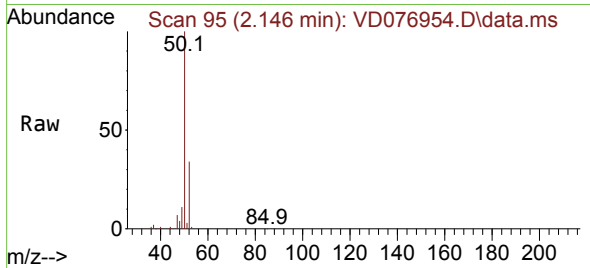




#3
Chloromethane
Concen: 122.270 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

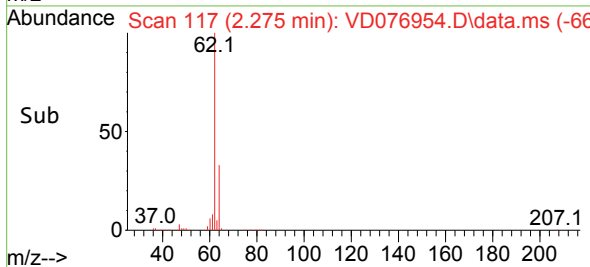
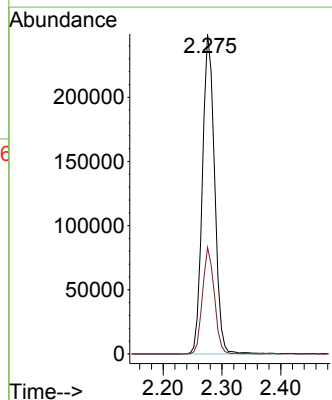
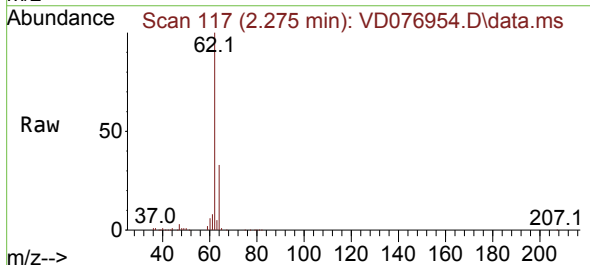
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

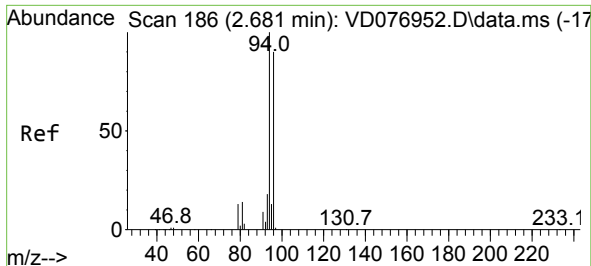
Tgt Ion: 50 Resp: 227317
Ion Ratio Lower Upper
50 100
52 33.7 26.6 40.0



#4
Vinyl Chloride
Concen: 131.154 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion: 62 Resp: 359297
Ion Ratio Lower Upper
62 100
64 33.3 26.0 39.0

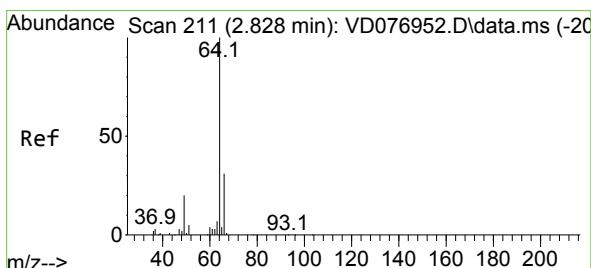
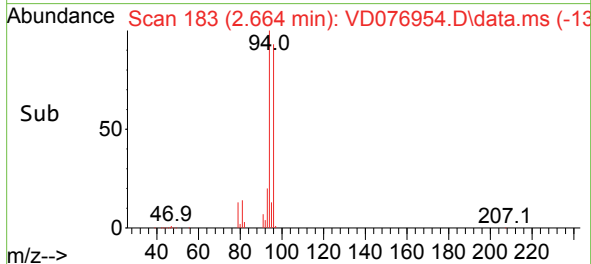
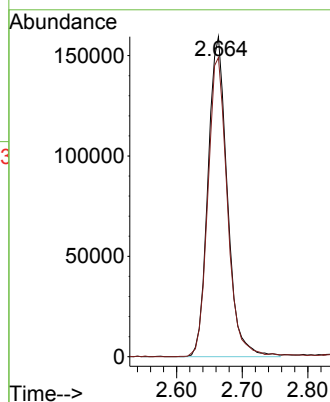
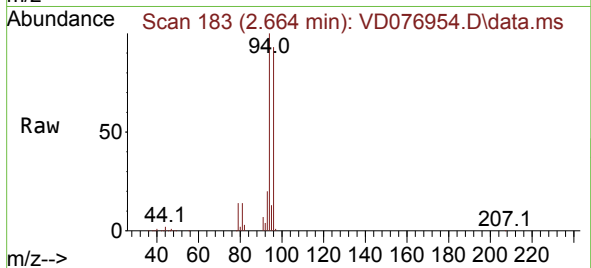




#5
Bromomethane
Concen: 131.772 ug/l
RT: 2.664 min Scan# 11
Delta R.T. -0.017 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

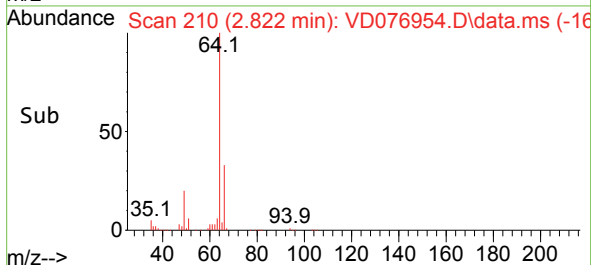
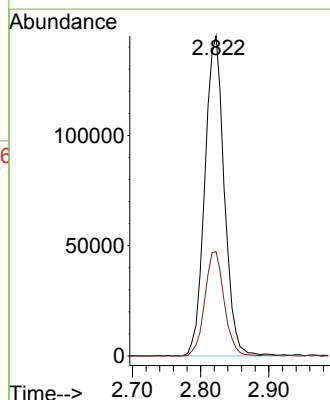
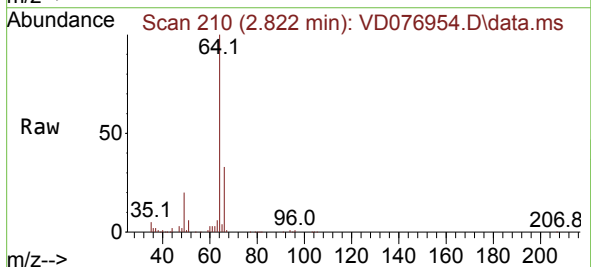
Instrument :
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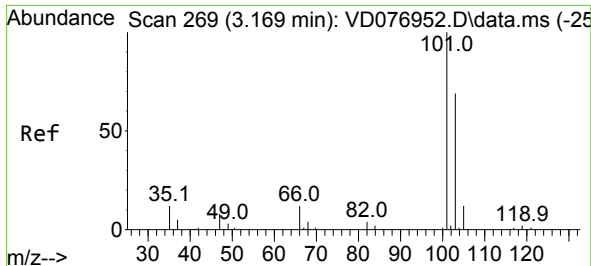
Tgt Ion: 94 Resp: 326497
Ion Ratio Lower Upper
94 100
96 94.1 75.8 113.8



#6
Chloroethane
Concen: 127.972 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion: 64 Resp: 288021
Ion Ratio Lower Upper
64 100
66 32.6 25.5 38.3

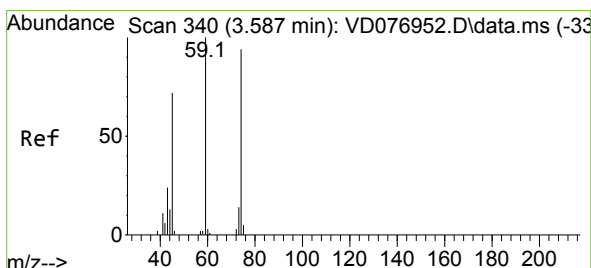
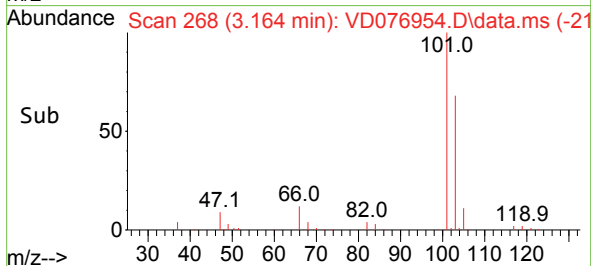
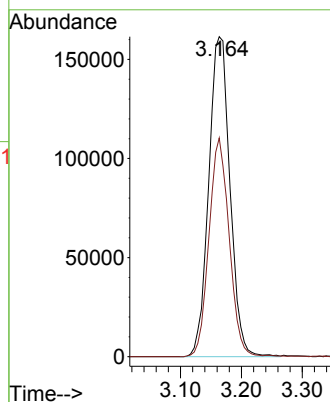
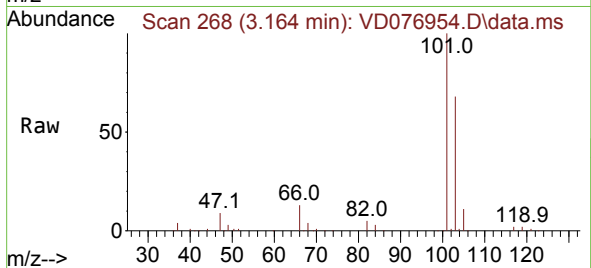




#7
 Trichlorofluoromethane
 Concen: 131.234 ug/l
 RT: 3.164 min Scan# 269
 Delta R.T. -0.006 min
 Lab File: VD076954.D
 Acq: 08 Aug 2023 14:58

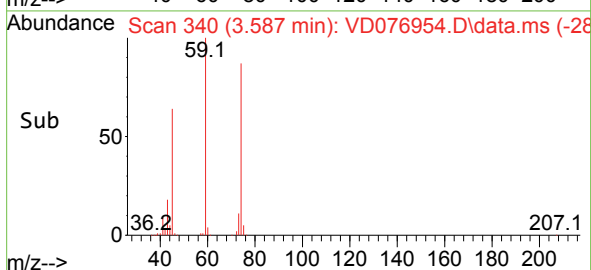
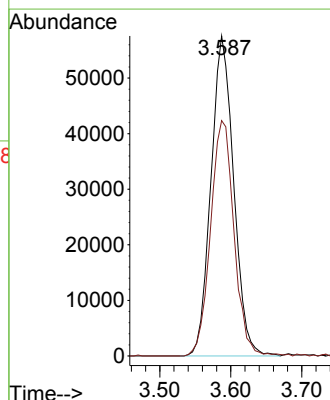
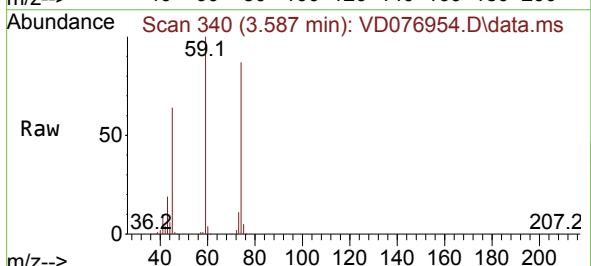
Instrument :
 MSVOA_D
 ClientSampleId :
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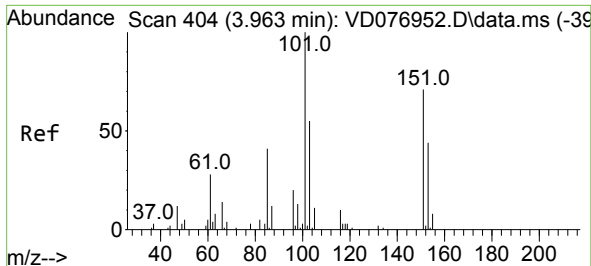
Tgt Ion:101 Resp: 391644
 Ion Ratio Lower Upper
 101 100
 103 68.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 133.271 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD076954.D
 Acq: 08 Aug 2023 14:58

Tgt Ion: 74 Resp: 127974
 Ion Ratio Lower Upper
 74 100
 45 75.8 37.5 112.7

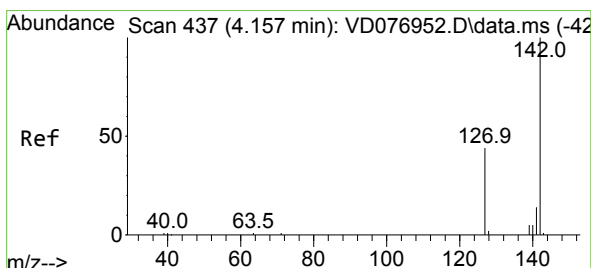
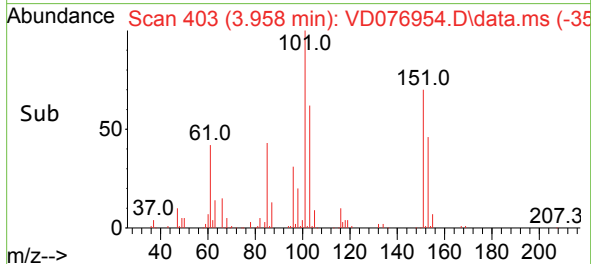
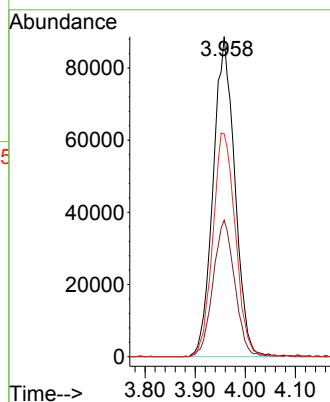
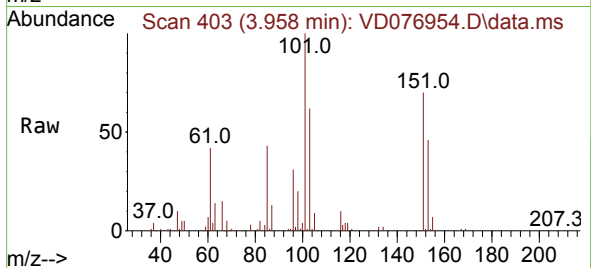




#9
1,1,2-Trichlorotrifluoroethane
Concen: 130.462 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
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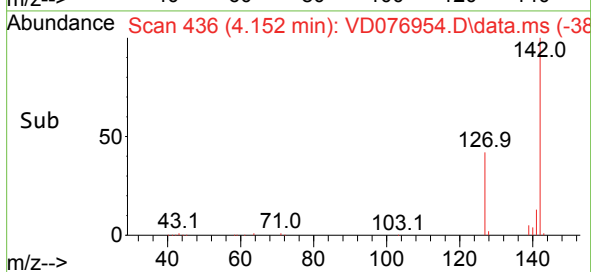
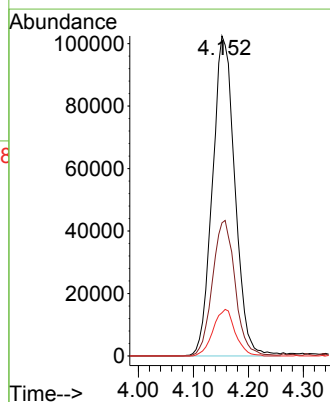
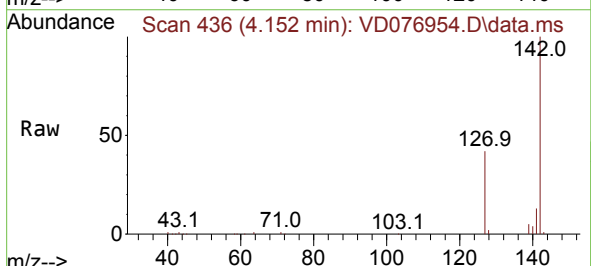
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

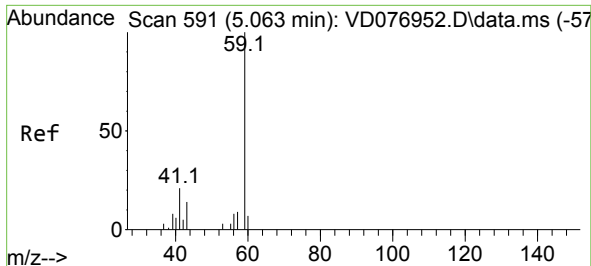
Tgt Ion:101 Resp: 266627
Ion Ratio Lower Upper
101 100
85 42.7 33.8 50.6
151 72.7 59.8 89.6



#10
Methyl Iodide
Concen: 147.512 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion:142 Resp: 290332
Ion Ratio Lower Upper
142 100
127 42.8 29.4 44.0
141 14.3 11.1 16.7

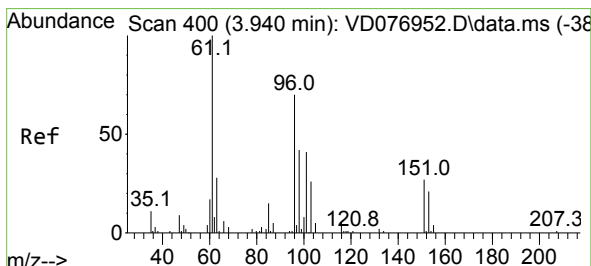
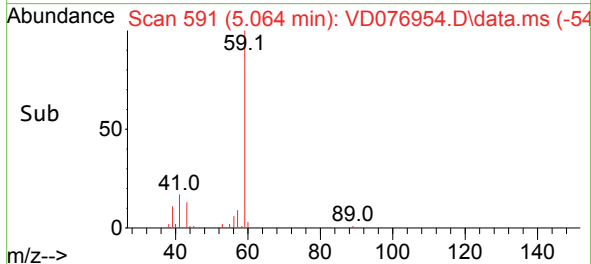
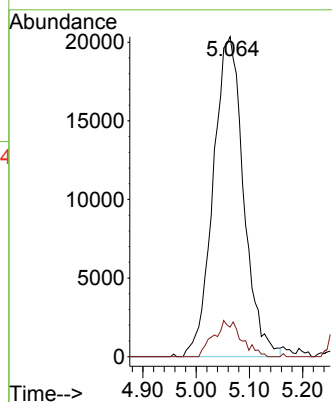
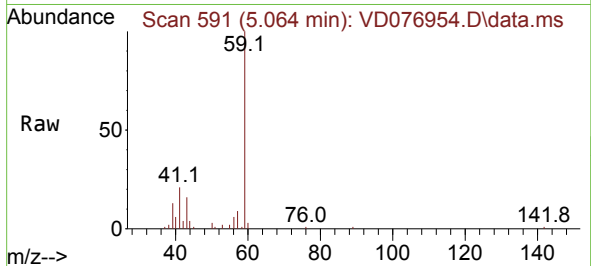




#11
Tert butyl alcohol
Concen: 749.505 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.001 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

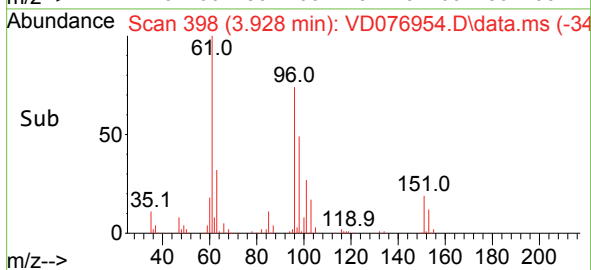
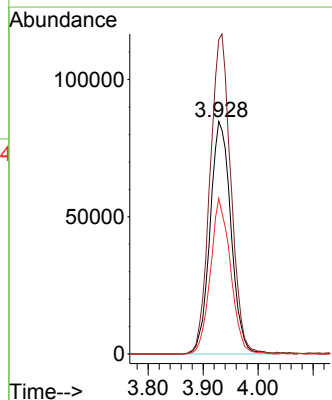
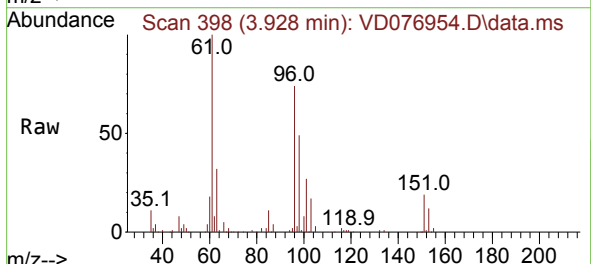
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

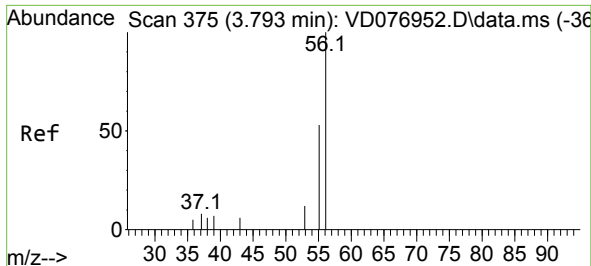
Tgt Ion: 59 Resp: 80757
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8



#12
1,1-Dichloroethene
Concen: 133.795 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.011 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion: 96 Resp: 224415
Ion Ratio Lower Upper
96 100
61 135.3 100.6 150.8
98 66.9 50.2 75.2

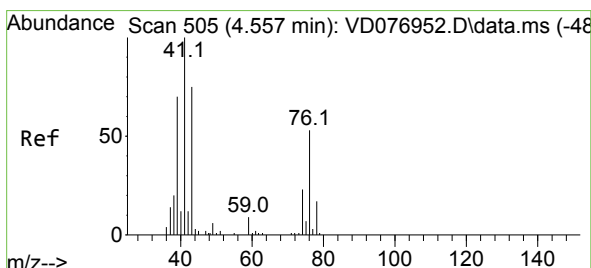
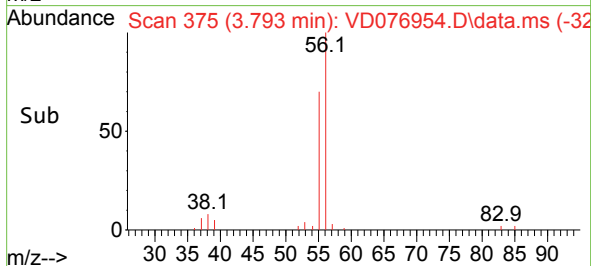
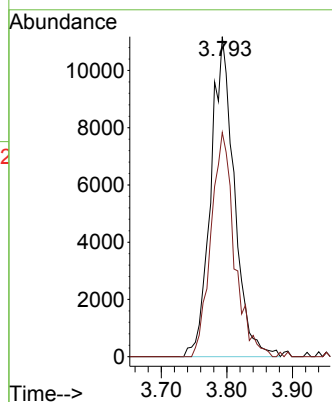
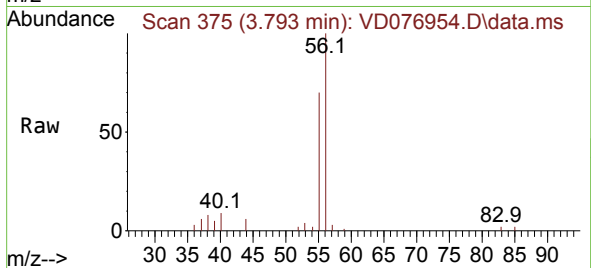




#13
Acrolein
Concen: 753.251 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

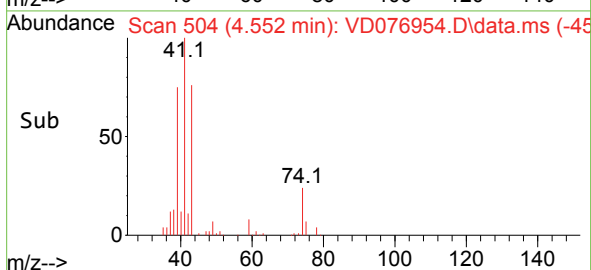
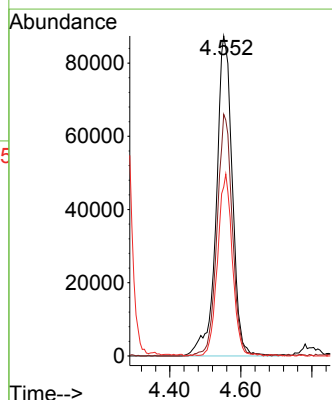
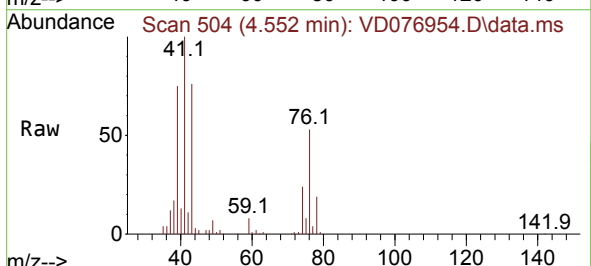
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

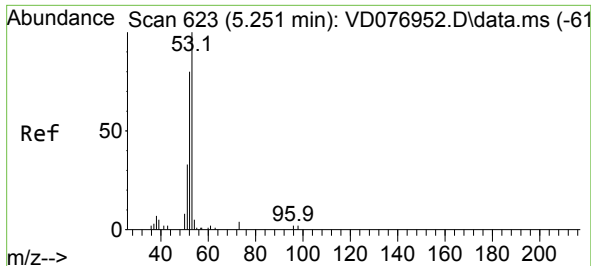
Tgt Ion: 56 Resp: 27902
Ion Ratio Lower Upper
56 100
55 69.7 55.1 82.7



#14
Allyl chloride
Concen: 132.462 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion: 41 Resp: 272866
Ion Ratio Lower Upper
41 100
39 72.2 53.8 80.6
76 52.3 45.8 68.8

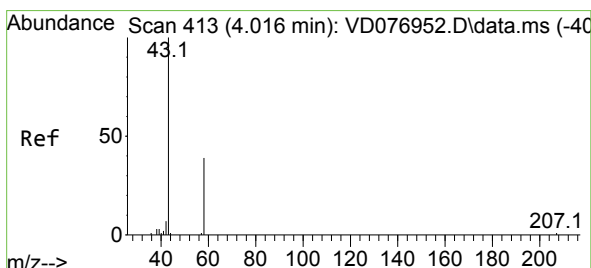
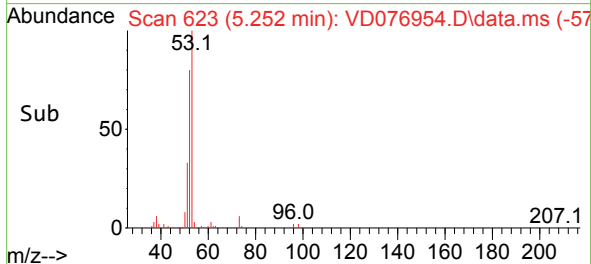
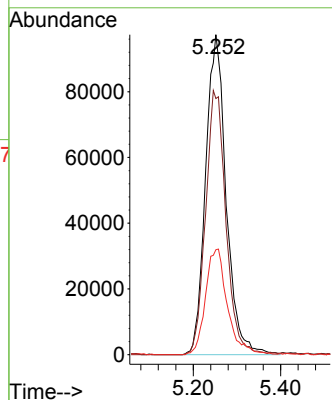
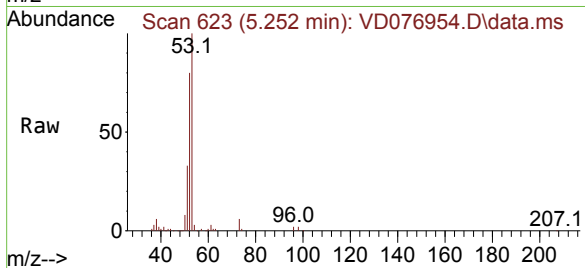




#15
Acrylonitrile
Concen: 667.514 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

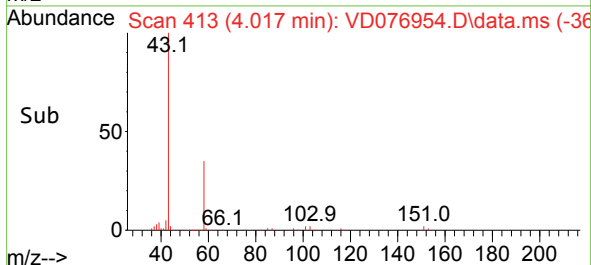
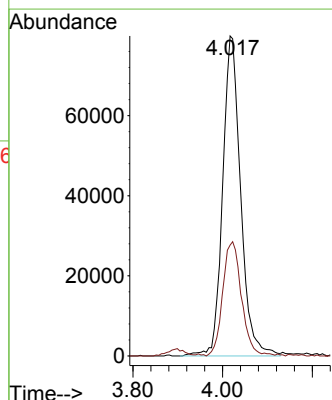
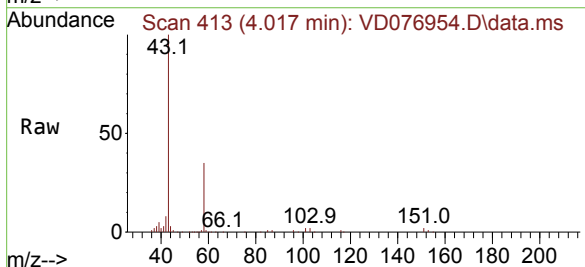
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

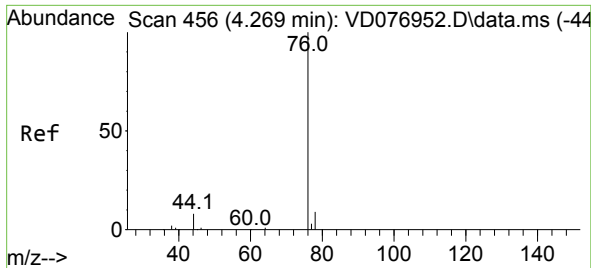
Tgt Ion: 53 Resp: 318738
Ion Ratio Lower Upper
53 100
52 81.5 65.0 97.4
51 35.2 28.3 42.5



#16
Acetone
Concen: 745.081 ug/l
RT: 4.017 min Scan# 413
Delta R.T. 0.001 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion: 43 Resp: 222699
Ion Ratio Lower Upper
43 100
58 34.3 34.7 52.1#

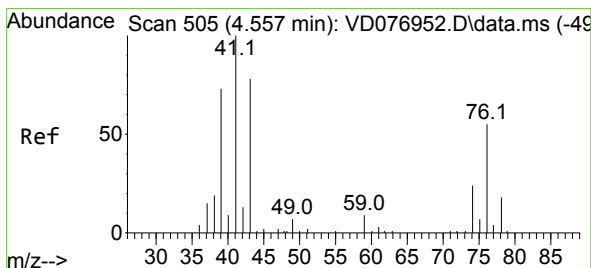
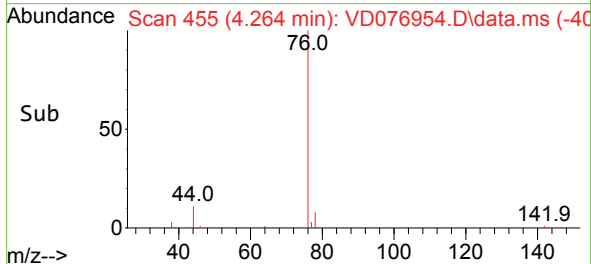
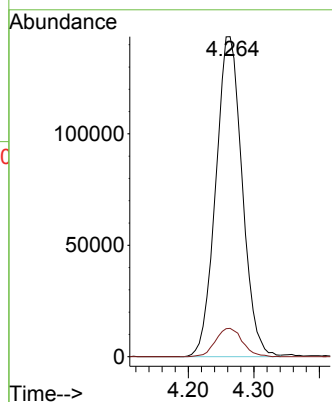
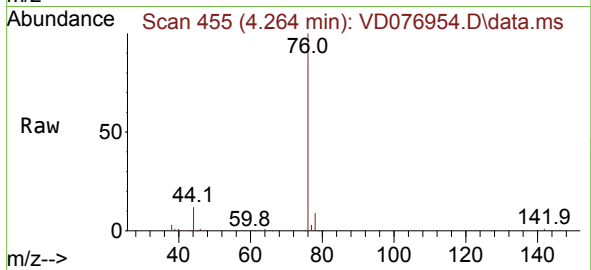




#17
Carbon Disulfide
Concen: 141.425 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

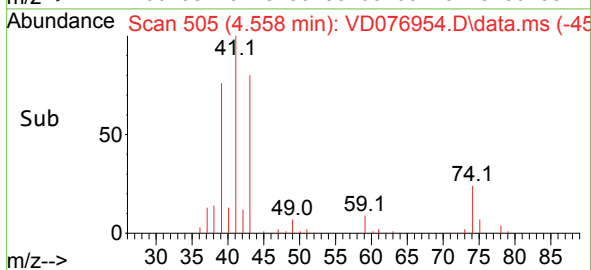
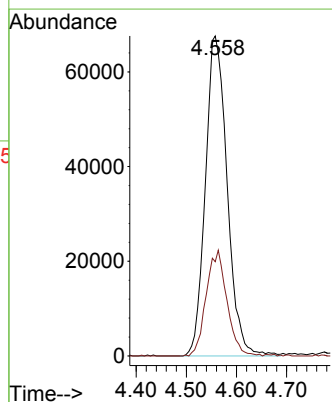
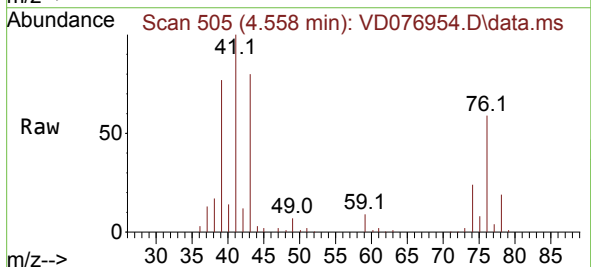
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

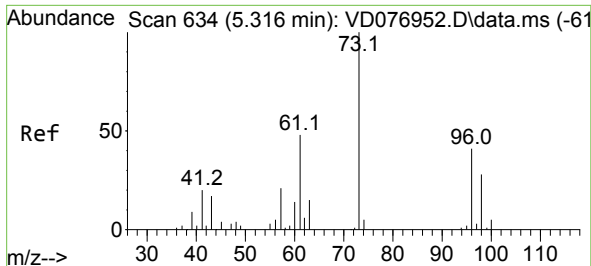
Tgt Ion: 76 Resp: 401548
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 126.647 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion: 43 Resp: 204459
Ion Ratio Lower Upper
43 100
74 31.4 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 135.036 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD076954.D

Acq: 08 Aug 2023 14:58

Instrument :

MSVOA_D

ClientSampleId :

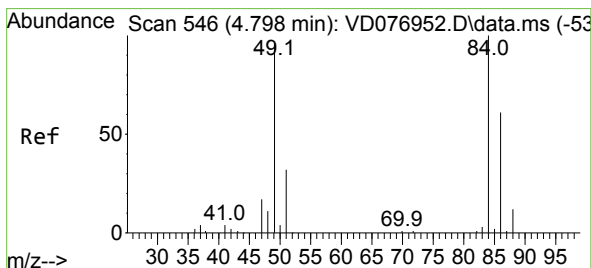
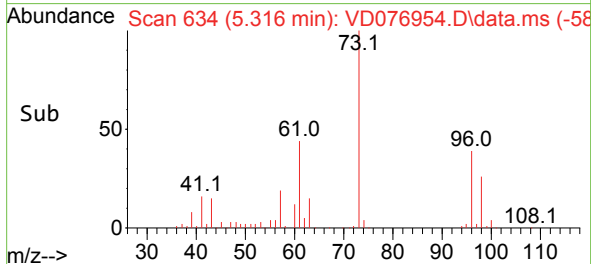
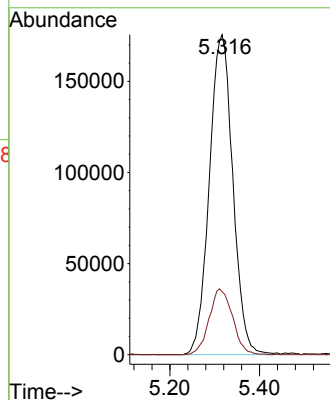
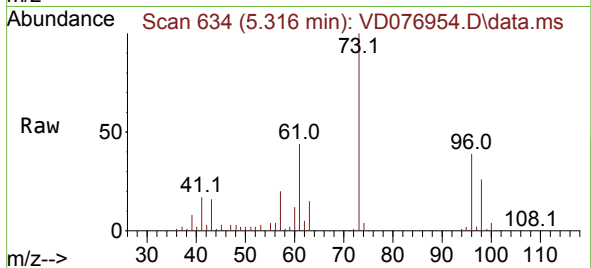
VSTDIC150

Tgt Ion: 73 Resp: 639332

Ion Ratio Lower Upper

73 100

57 19.7 16.6 25.0



#20

Methylene Chloride

Concen: 150.027 ug/l

RT: 4.799 min Scan# 546

Delta R.T. 0.001 min

Lab File: VD076954.D

Acq: 08 Aug 2023 14:58

Tgt Ion: 84 Resp: 299049

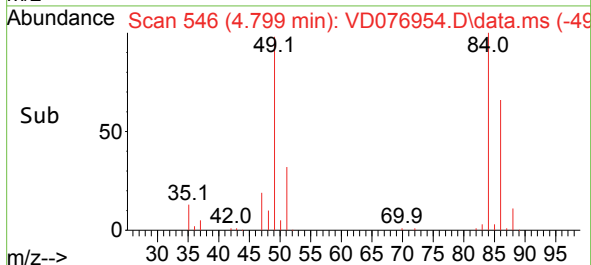
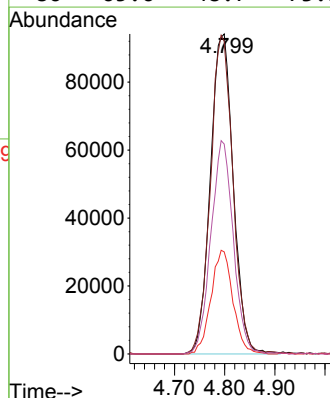
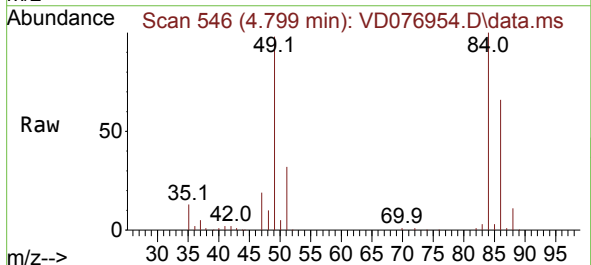
Ion Ratio Lower Upper

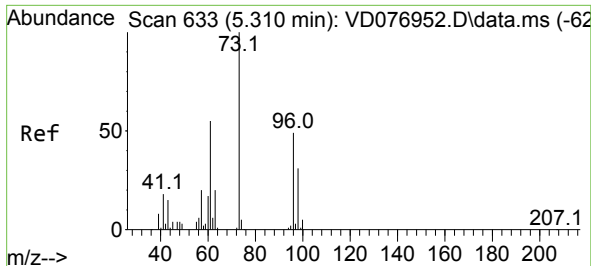
84 100

49 97.7 71.4 107.2

51 31.9 24.5 36.7

86 65.6 48.7 73.1

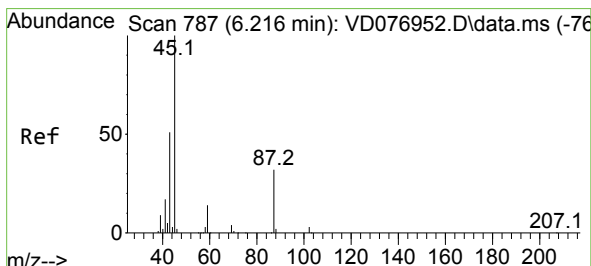
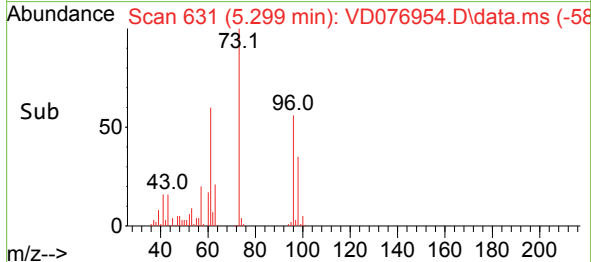
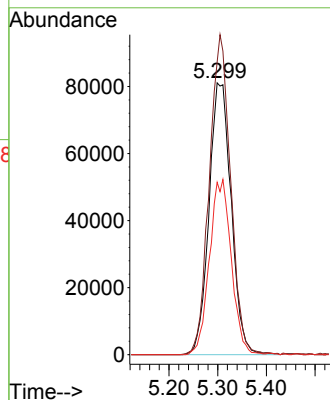
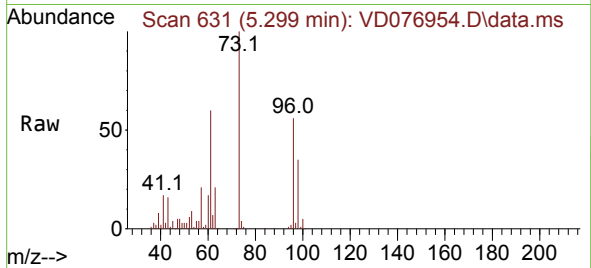




#21
trans-1,2-Dichloroethene
Concen: 133.865 ug/l
RT: 5.299 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

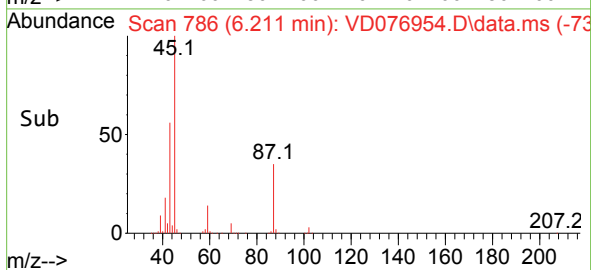
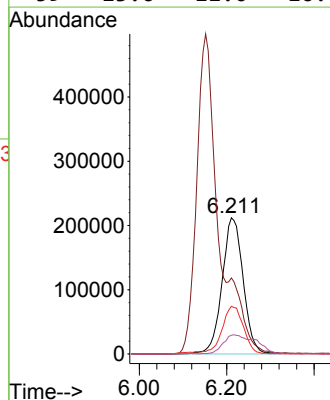
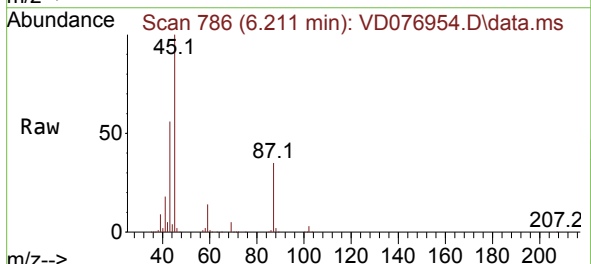
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

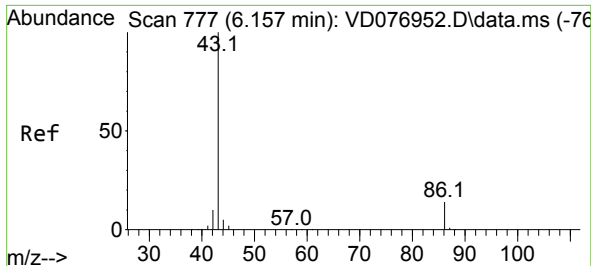
Tgt Ion: 96 Resp: 256480
Ion Ratio Lower Upper
96 100
61 107.8 89.3 133.9
98 63.4 48.6 73.0



#22
Diisopropyl ether
Concen: 131.513 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion: 45 Resp: 707721
Ion Ratio Lower Upper
45 100
43 55.1 40.0 60.0
87 34.9 28.2 42.4
59 13.6 11.0 16.4

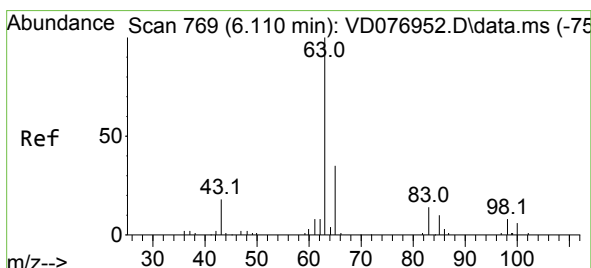
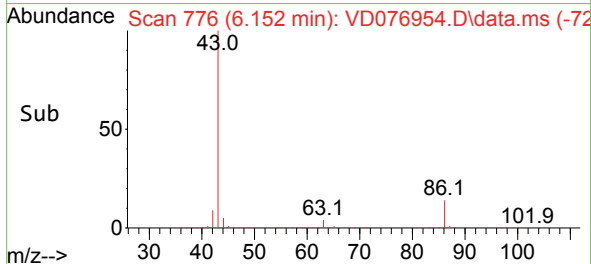
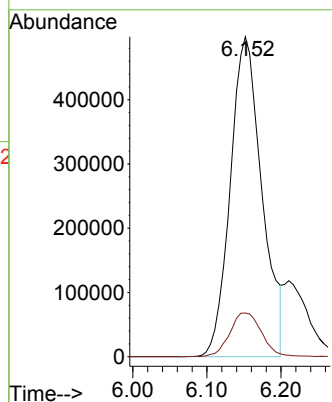
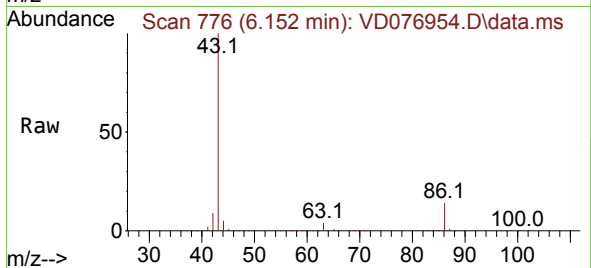




#23
 Vinyl Acetate
 Concen: 584.670 ug/l
 RT: 6.152 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD076954.D
 Acq: 08 Aug 2023 14:58

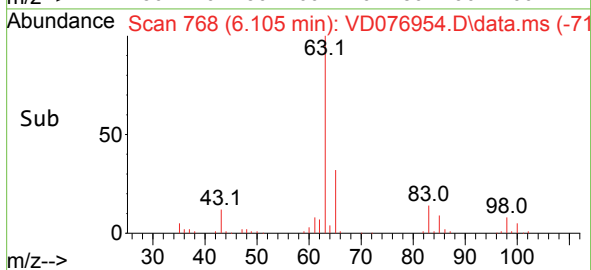
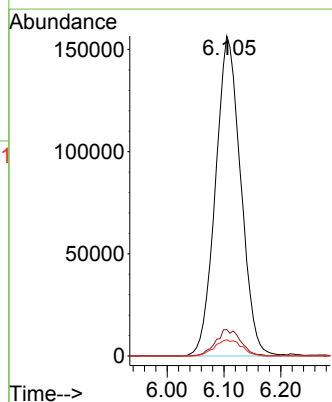
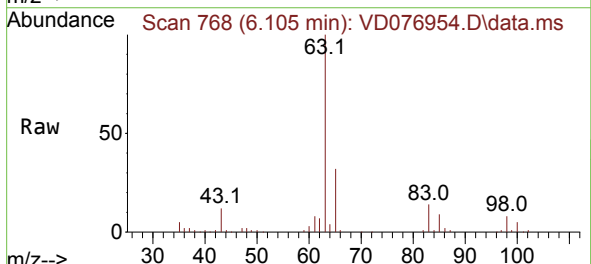
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

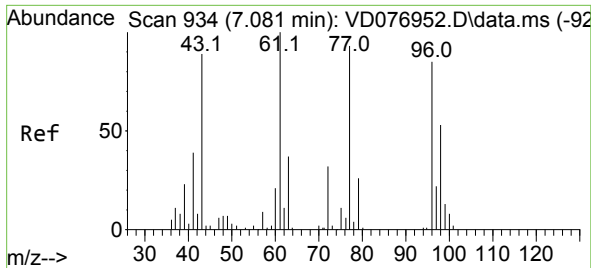
Tgt Ion: 43 Resp: 1475634
 Ion Ratio Lower Upper
 43 100
 86 13.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 125.504 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD076954.D
 Acq: 08 Aug 2023 14:58

Tgt Ion: 63 Resp: 482738
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.5 13.7
 100 5.1 2.5 7.5

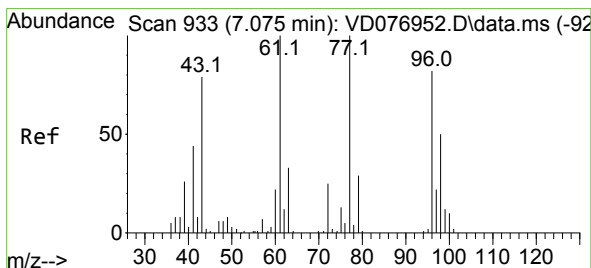
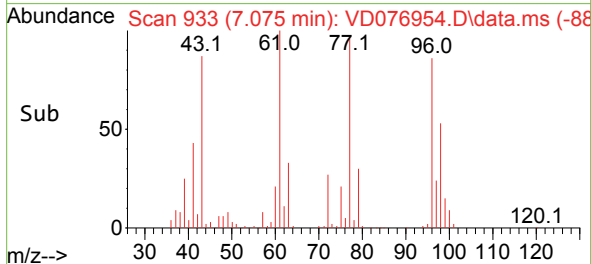
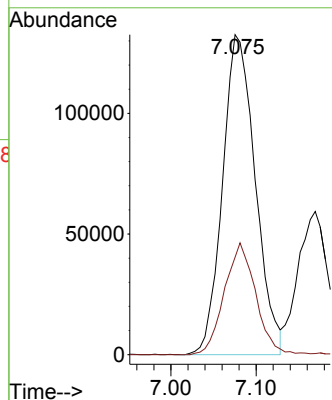
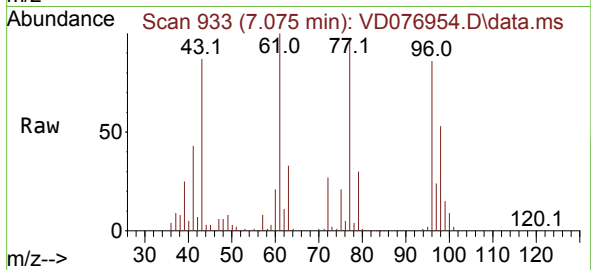




#25
2-Butanone
Concen: 612.557 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

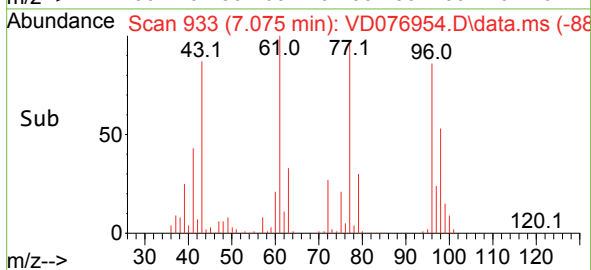
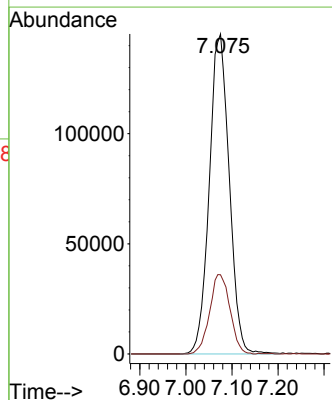
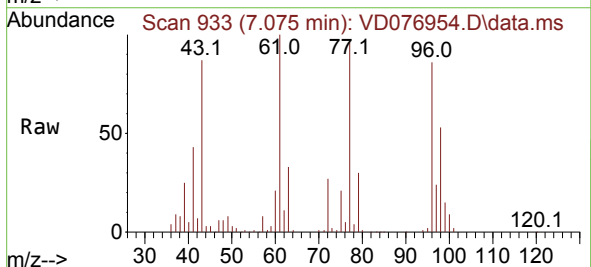
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

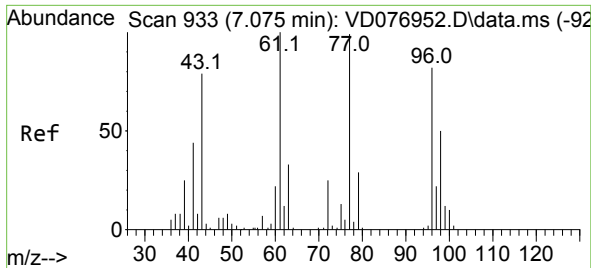
Tgt Ion: 43 Resp: 354243
Ion Ratio Lower Upper
43 100
72 30.5 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 125.098 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion: 77 Resp: 436878
Ion Ratio Lower Upper
77 100
97 25.3 13.2 39.6

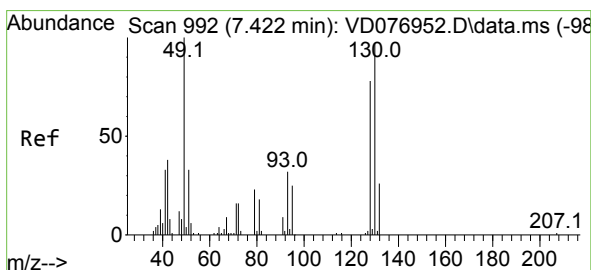
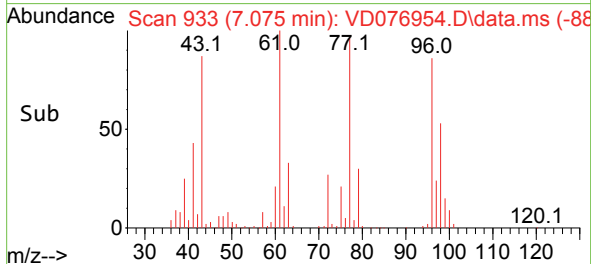
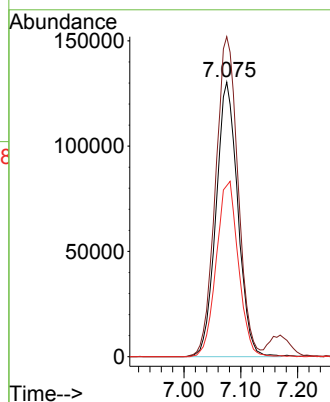
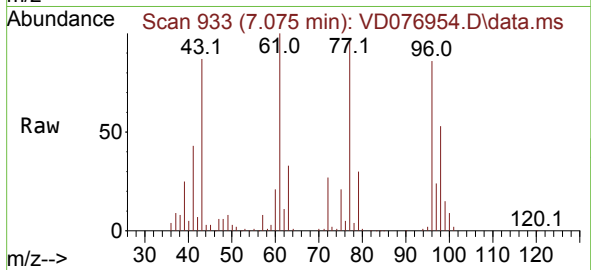




#27
 cis-1,2-Dichloroethene
 Concen: 131.950 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VD076954.D
 Acq: 08 Aug 2023 14:58

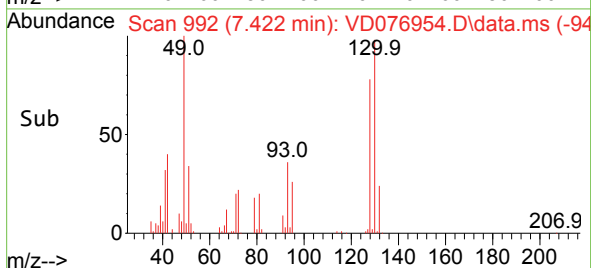
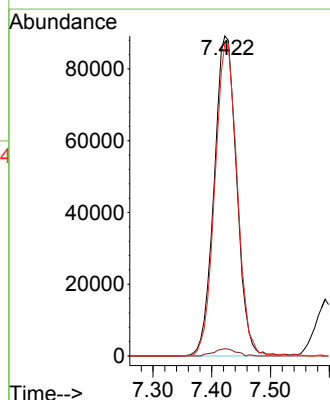
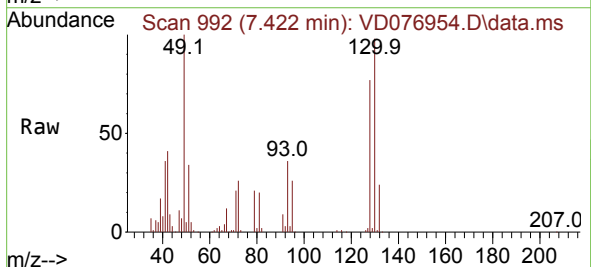
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

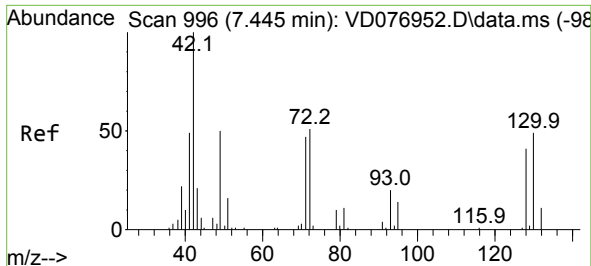
Tgt Ion: 96 Resp: 346902
 Ion Ratio Lower Upper
 96 100
 61 120.3 0.0 239.2
 98 65.0 0.0 128.6



#28
 Bromochloromethane
 Concen: 129.019 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076954.D
 Acq: 08 Aug 2023 14:58

Tgt Ion: 49 Resp: 237178
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 6.0
 130 96.7 83.2 124.8





#29

Tetrahydrofuran

Concen: 661.082 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD076954.D

Acq: 08 Aug 2023 14:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

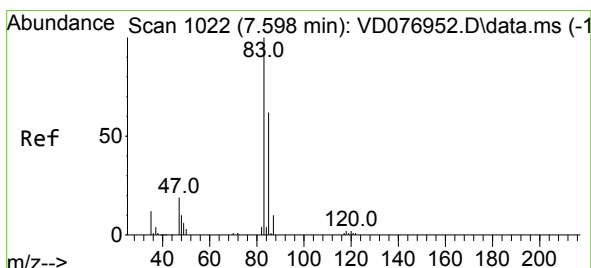
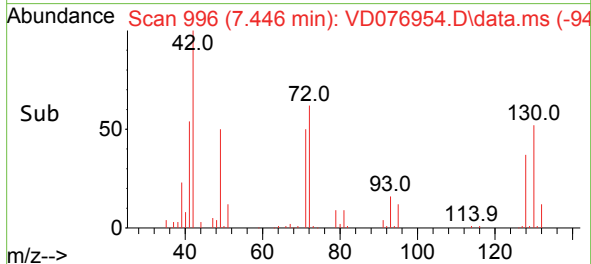
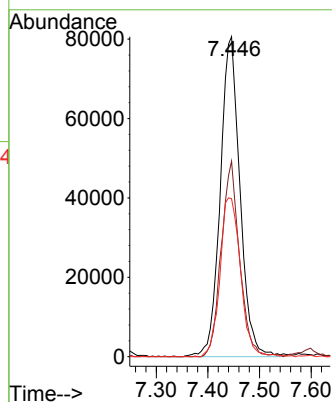
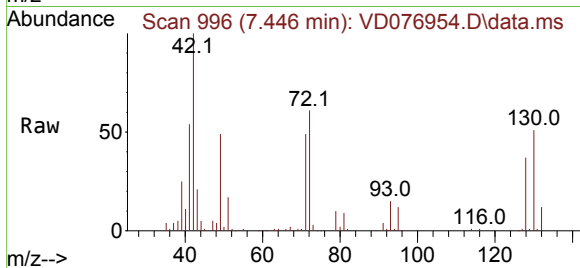
Tgt Ion: 42 Resp: 213483

Ion Ratio Lower Upper

42 100

72 56.6 46.5 69.7

71 51.6 44.5 66.7



#30

Chloroform

Concen: 127.808 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD076954.D

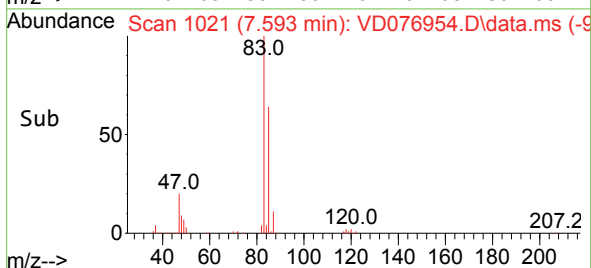
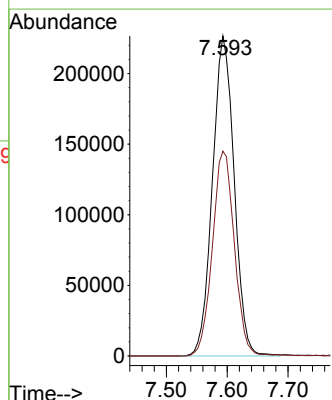
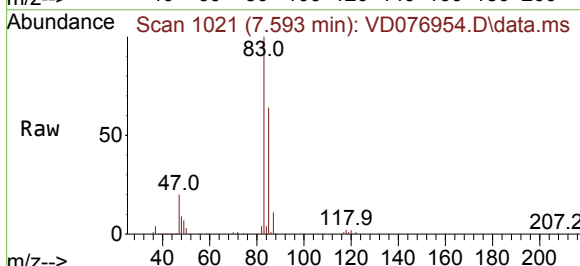
Acq: 08 Aug 2023 14:58

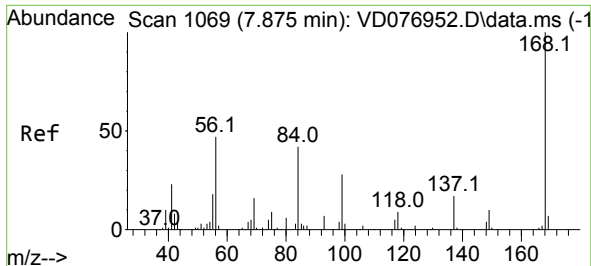
Tgt Ion: 83 Resp: 560855

Ion Ratio Lower Upper

83 100

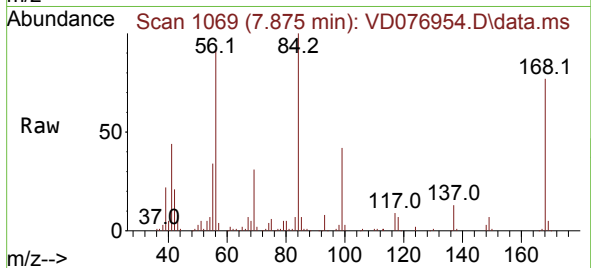
85 64.0 53.4 80.2



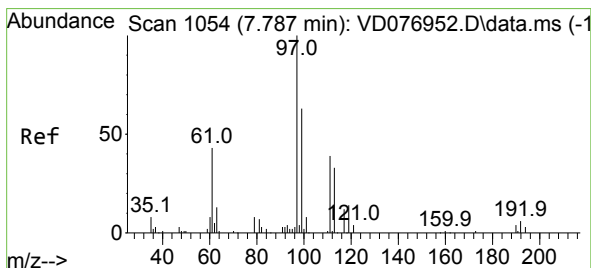
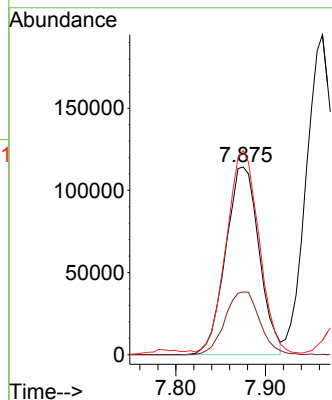
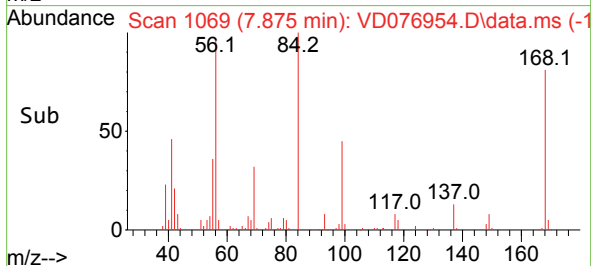


#31
Cyclohexane
Concen: 150.178 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

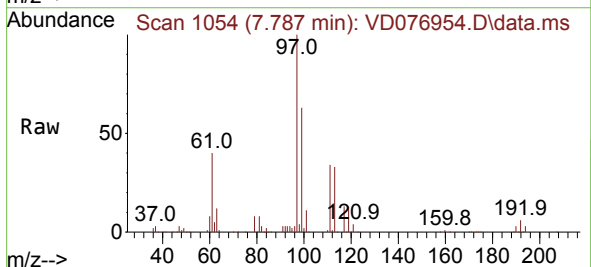
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



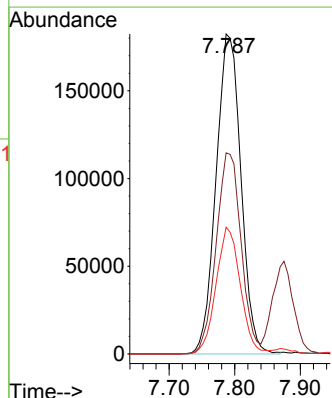
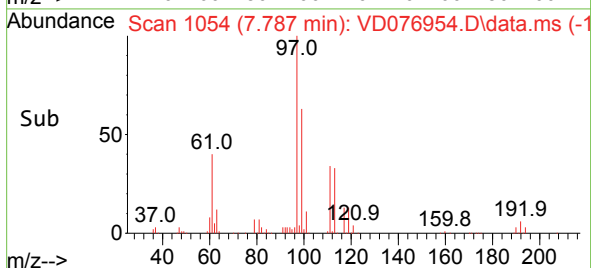
Tgt Ion: 56 Resp: 296295
Ion Ratio Lower Upper
56 100
69 33.4 28.6 43.0
84 107.1 84.8 127.2

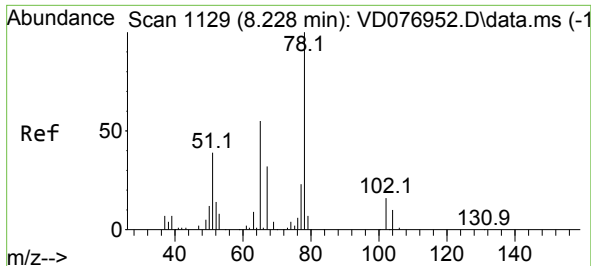


#32
1,1,1-Trichloroethane
Concen: 133.471 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58



Tgt Ion: 97 Resp: 480685
Ion Ratio Lower Upper
97 100
99 63.2 52.0 78.0
61 38.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 118.109 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076954.D

Acq: 08 Aug 2023 14:58

Instrument :

MSVOA_D

ClientSampleId :

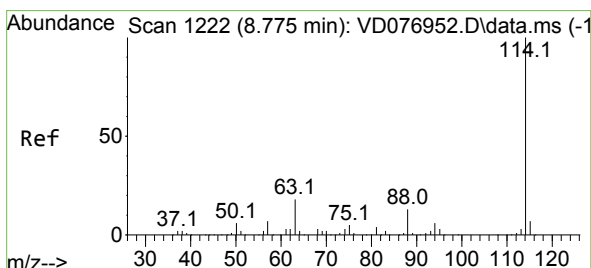
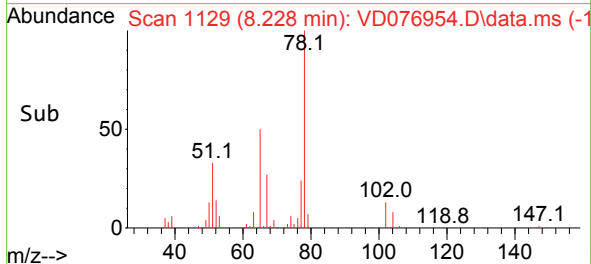
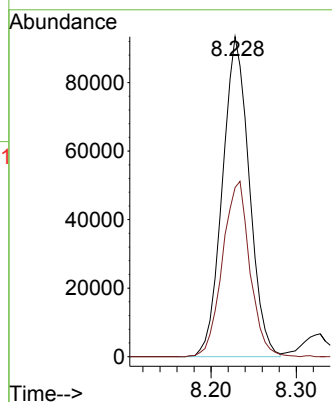
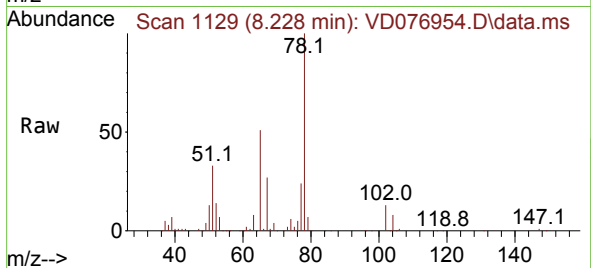
VSTDIC150

Tgt Ion: 65 Resp: 204199

Ion Ratio Lower Upper

65 100

67 55.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076954.D

Acq: 08 Aug 2023 14:58

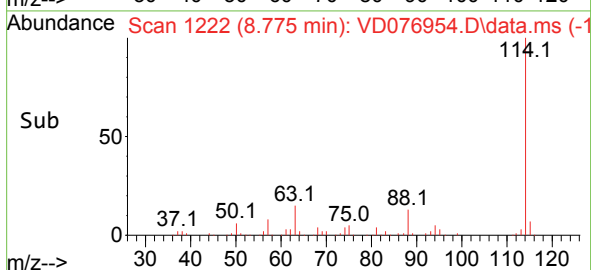
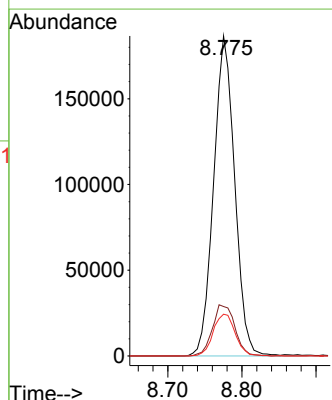
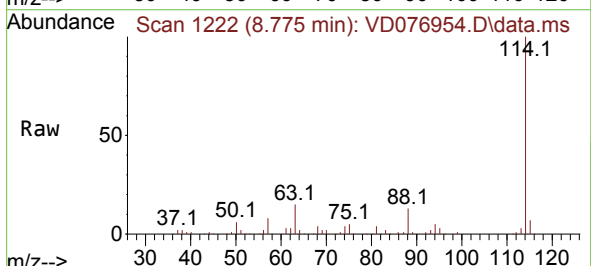
Tgt Ion: 114 Resp: 368387

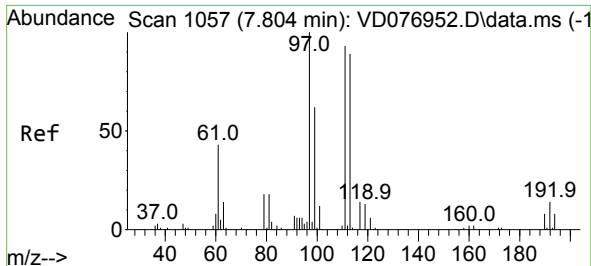
Ion Ratio Lower Upper

114 100

63 15.4 0.0 33.4

88 13.1 0.0 26.2

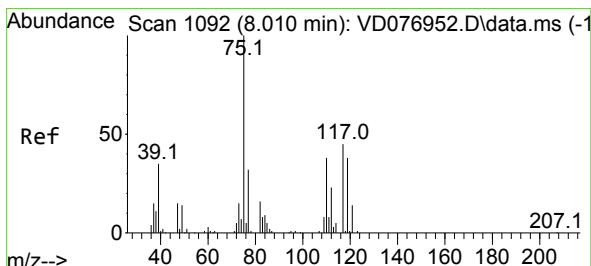
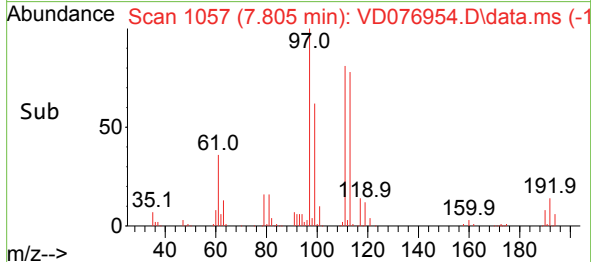
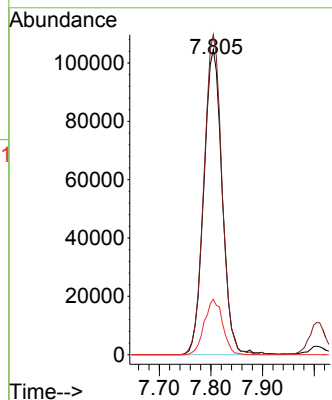
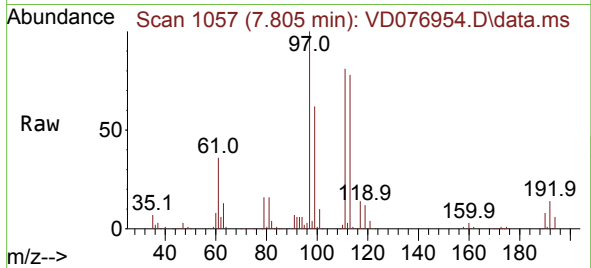




#35
 Dibromofluoromethane
 Concen: 130.315 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VD076954.D
 Acq: 08 Aug 2023 14:58

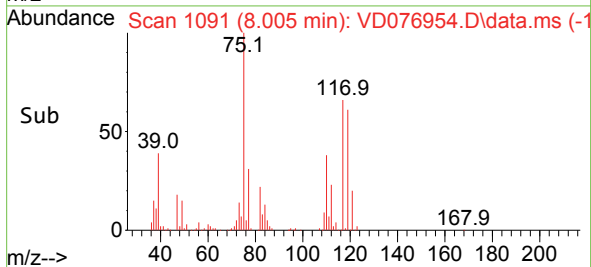
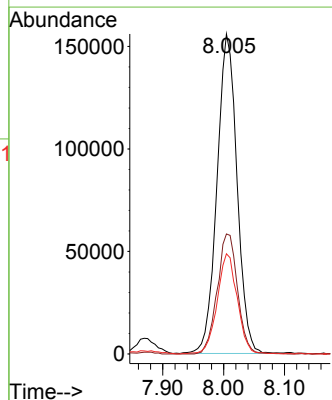
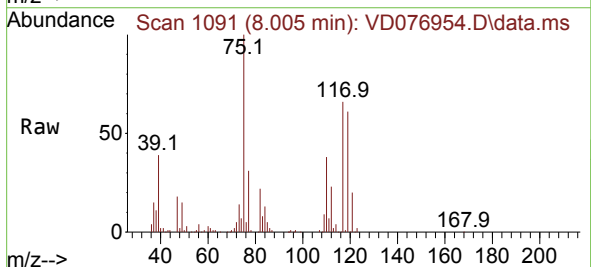
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

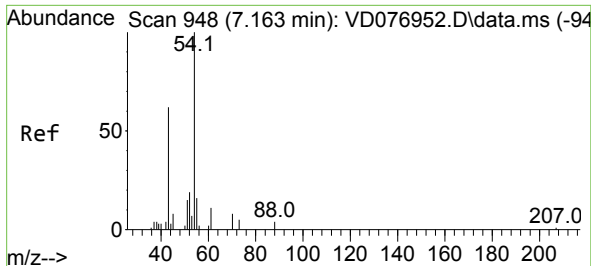
Tgt Ion:113 Resp: 258088
 Ion Ratio Lower Upper
 113 100
 111 103.0 84.7 127.1
 192 18.0 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 145.463 ug/l
 RT: 8.005 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: VD076954.D
 Acq: 08 Aug 2023 14:58

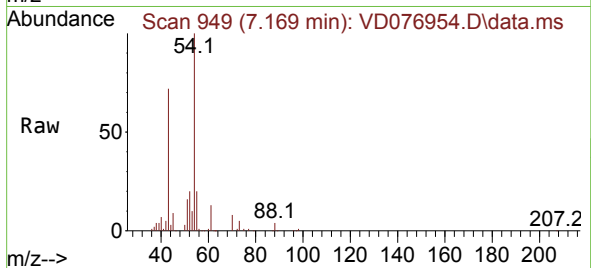
Tgt Ion: 75 Resp: 356249
 Ion Ratio Lower Upper
 75 100
 110 38.2 19.9 59.6
 77 31.6 24.7 37.1



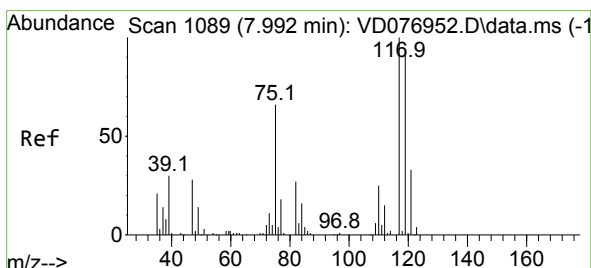
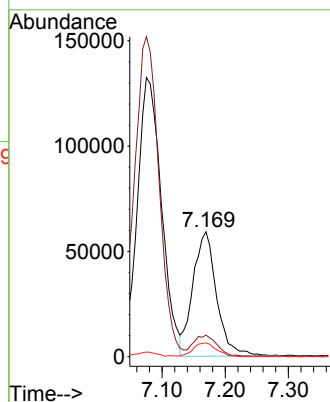
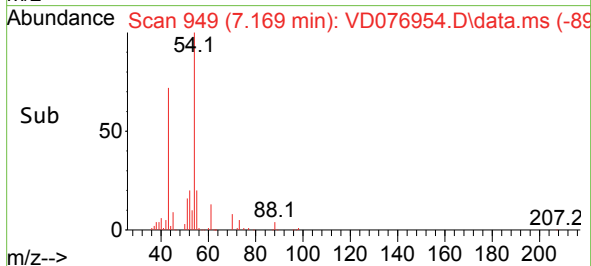


#37
Ethyl Acetate
Concen: 136.950 ug/l
RT: 7.169 min Scan# 948
Delta R.T. 0.006 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

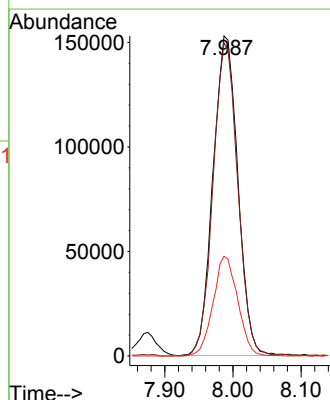
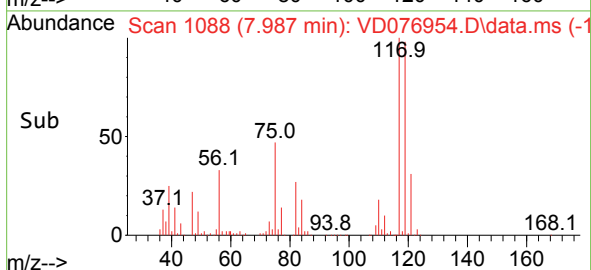
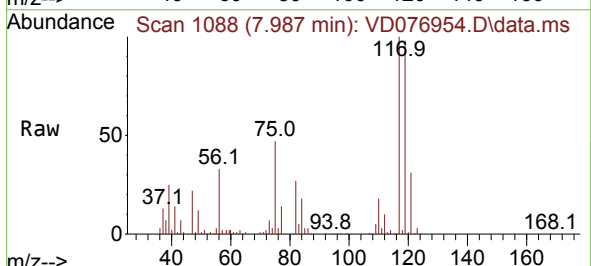


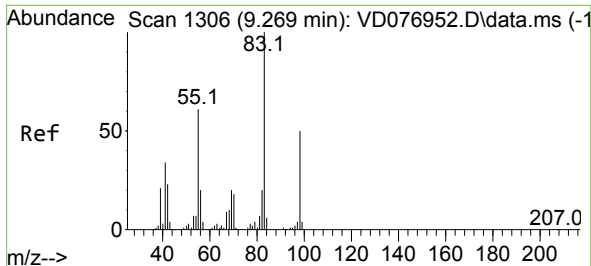
Tgt Ion: 43 Resp: 154765
Ion Ratio Lower Upper
43 100
61 17.0 14.9 22.3
70 10.9 10.0 15.0



#38
Carbon Tetrachloride
Concen: 147.866 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion: 117 Resp: 387586
Ion Ratio Lower Upper
117 100
119 98.0 78.0 117.0
121 31.2 24.2 36.2





#39

Methylcyclohexane

Concen: 154.082 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. 0.006 min

Lab File: VD076954.D

Acq: 08 Aug 2023 14:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

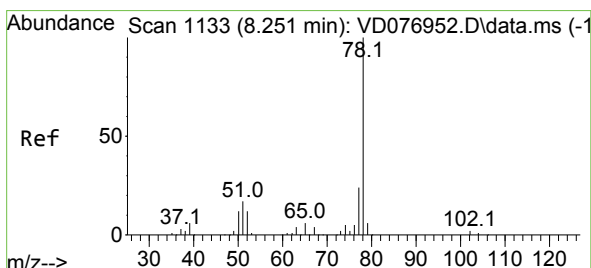
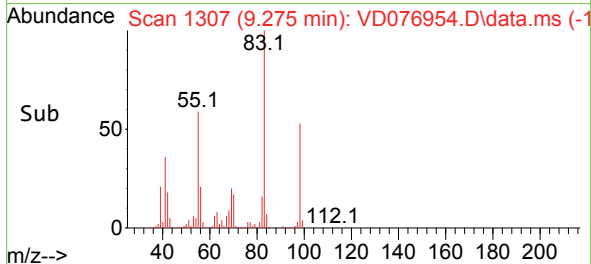
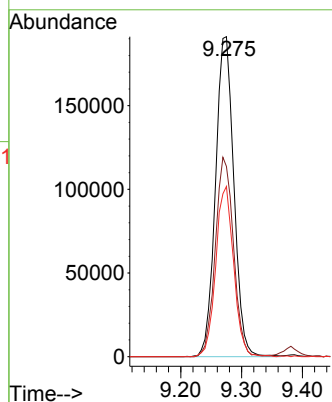
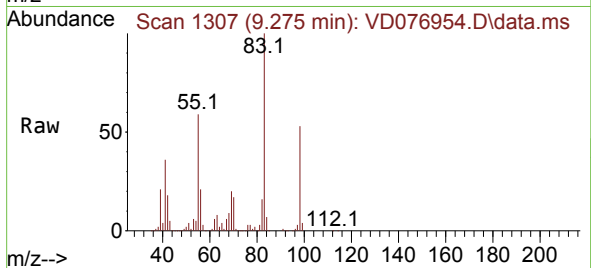
Tgt Ion: 83 Resp: 399804

Ion Ratio Lower Upper

83 100

55 59.5 49.4 74.0

98 53.2 38.4 57.6



#40

Benzene

Concen: 139.110 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD076954.D

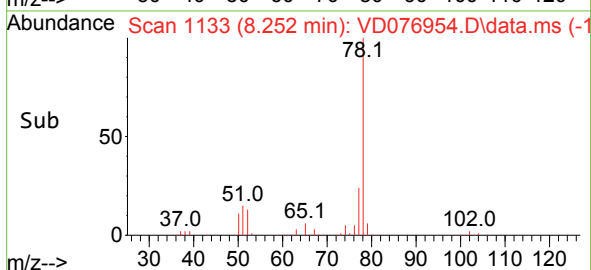
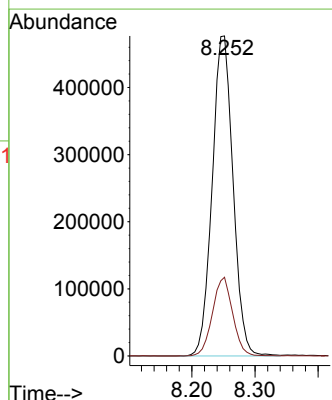
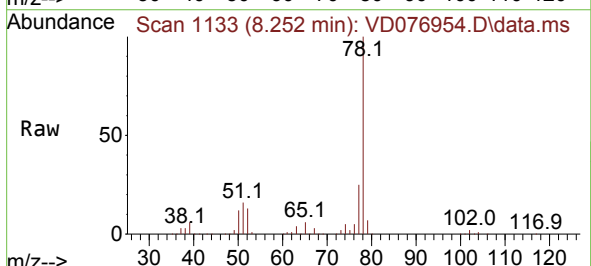
Acq: 08 Aug 2023 14:58

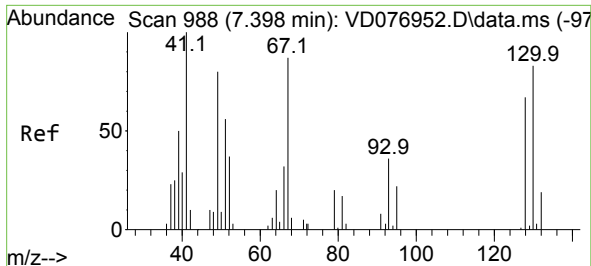
Tgt Ion: 78 Resp: 1095450

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.0



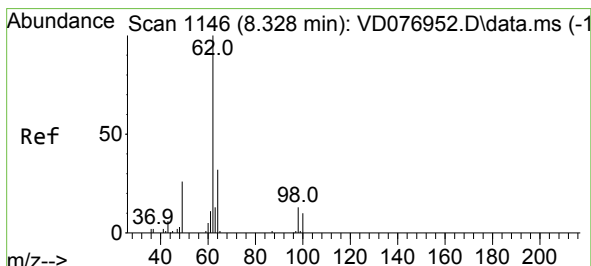
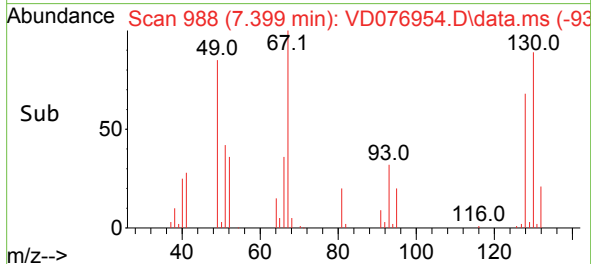
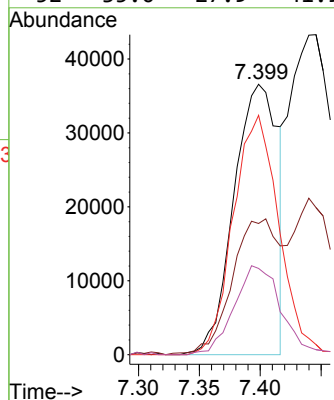
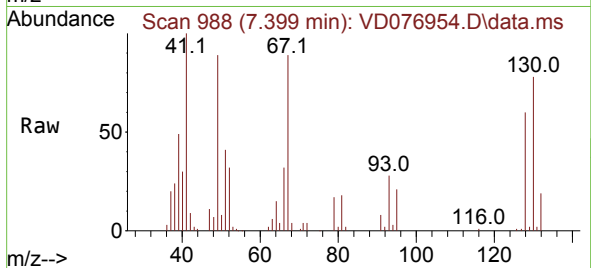


#41
Methacrylonitrile
Concen: 151.303 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 92263

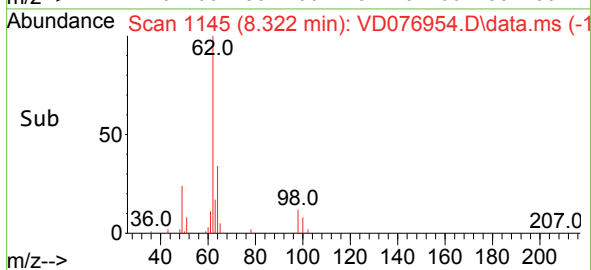
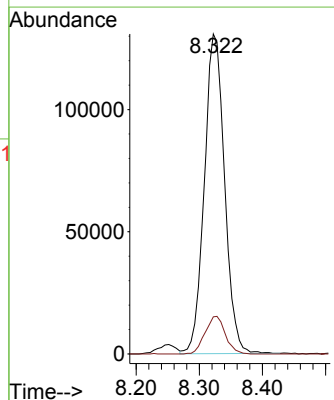
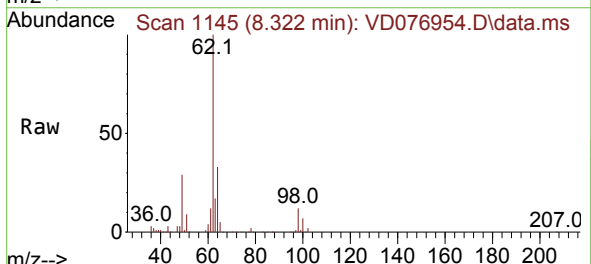
Ion	Ratio	Lower	Upper
41	100		
39	52.2	34.0	51.0#
67	91.8	77.0	115.4
52	35.0	27.9	41.9

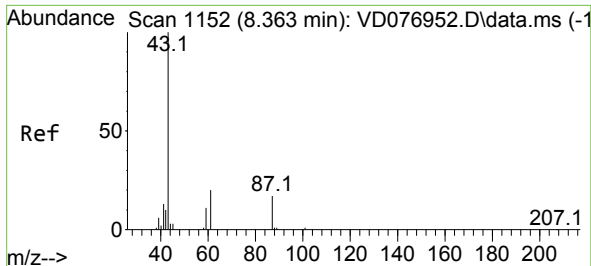


#42
1,2-Dichloroethane
Concen: 137.163 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion: 62 Resp: 291155

Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	25.4





#43

Isopropyl Acetate

Concen: 140.675 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD076954.D

Acq: 08 Aug 2023 14:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

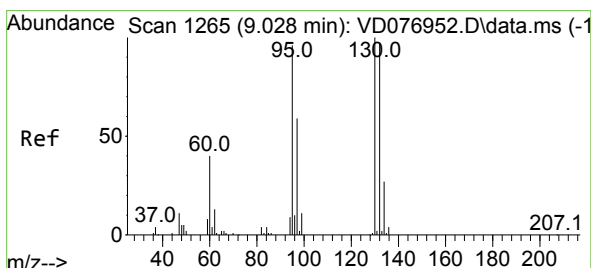
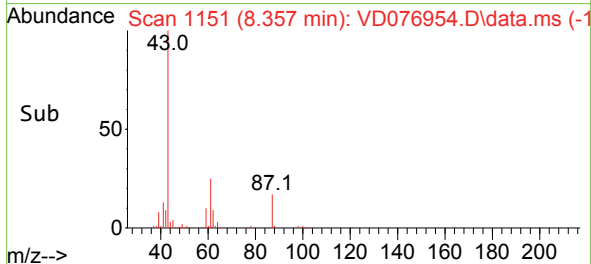
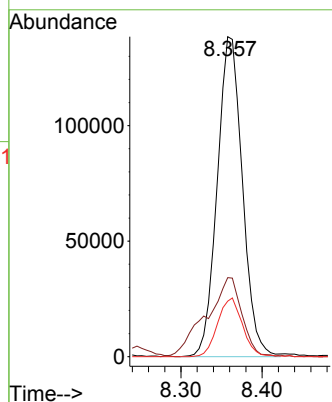
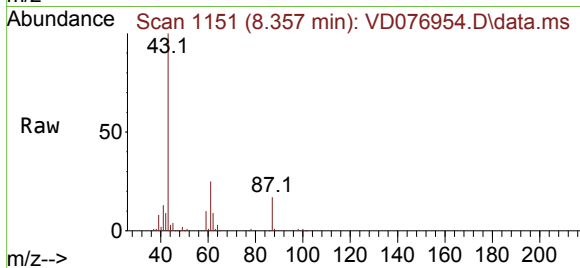
Tgt Ion: 43 Resp: 298741

Ion Ratio Lower Upper

43 100

61 35.1 31.4 47.0

87 18.2 14.9 22.3



#44

Trichloroethene

Concen: 139.791 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD076954.D

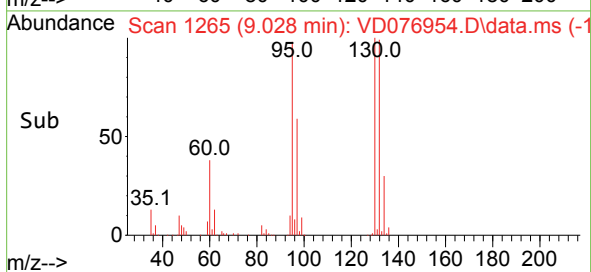
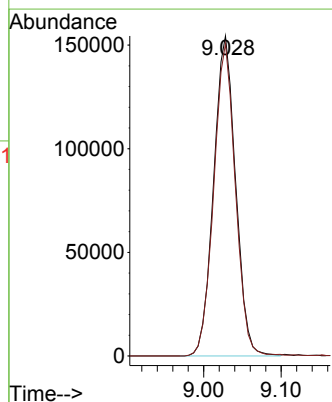
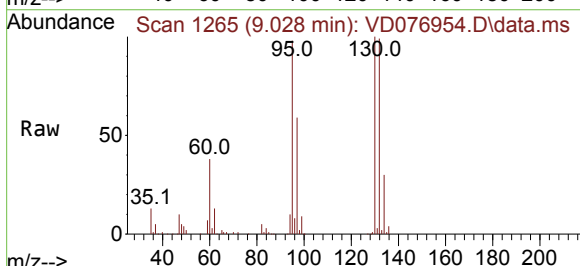
Acq: 08 Aug 2023 14:58

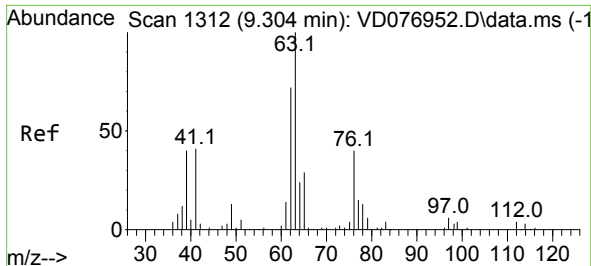
Tgt Ion:130 Resp: 303920

Ion Ratio Lower Upper

130 100

95 97.6 0.0 179.2

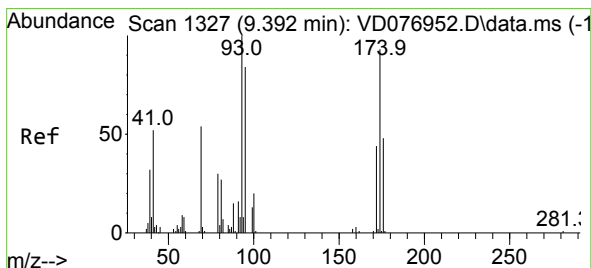
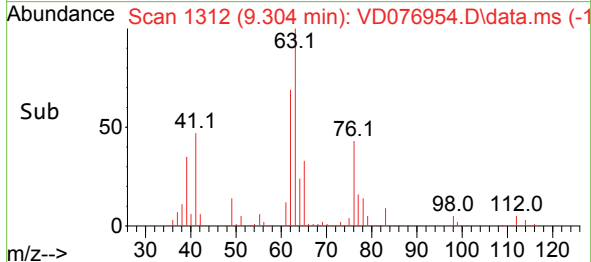
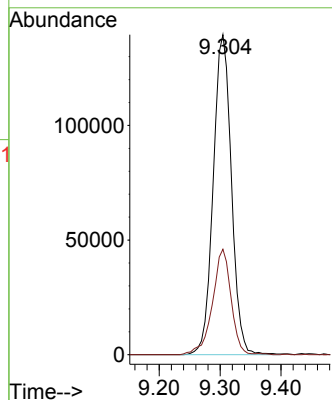
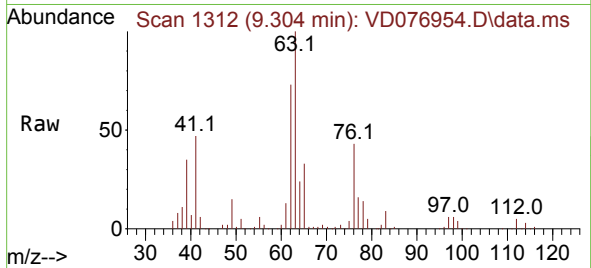




#45
1,2-Dichloropropane
Concen: 136.369 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

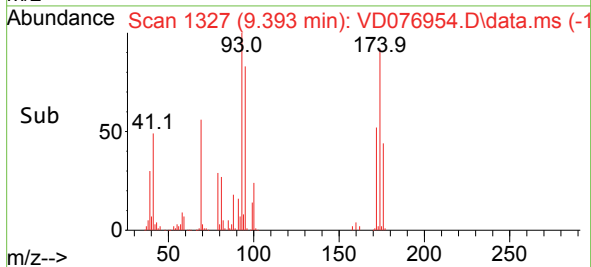
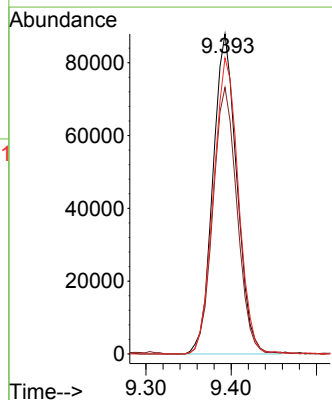
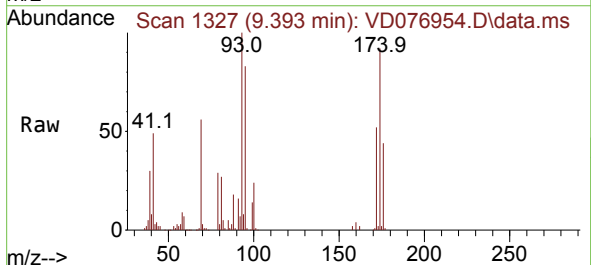
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

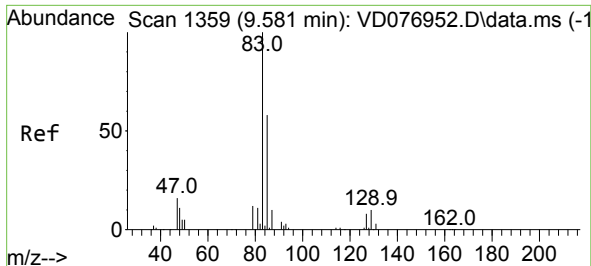
Tgt Ion: 63 Resp: 289394
Ion Ratio Lower Upper
63 100
65 33.0 24.5 36.7



#46
Dibromomethane
Concen: 135.158 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion: 93 Resp: 171393
Ion Ratio Lower Upper
93 100
95 83.8 67.7 101.5
174 96.4 85.4 128.2

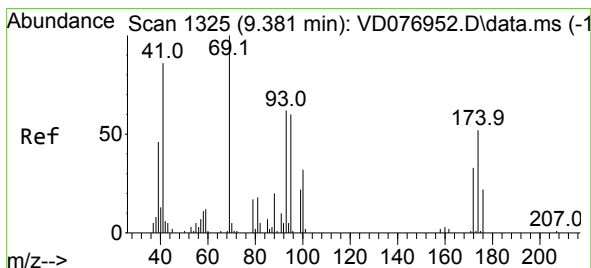
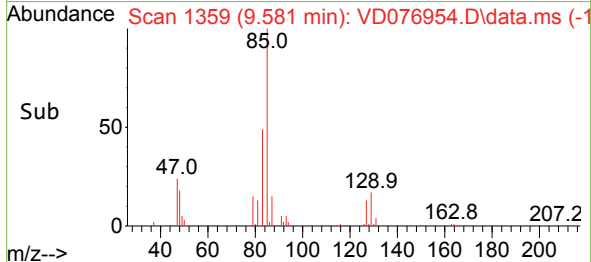
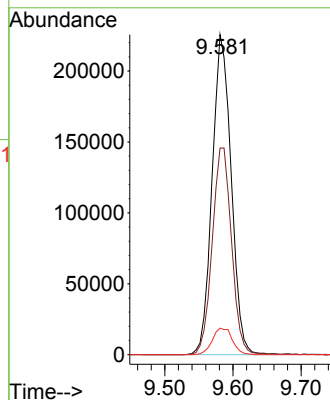
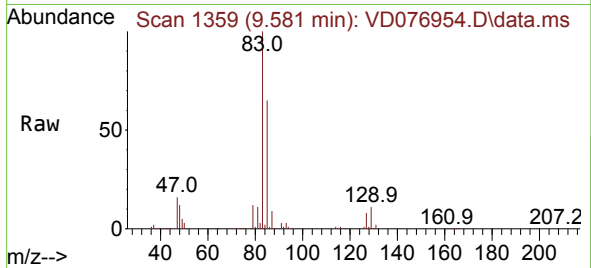




#47
Bromodichloromethane
Concen: 134.800 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

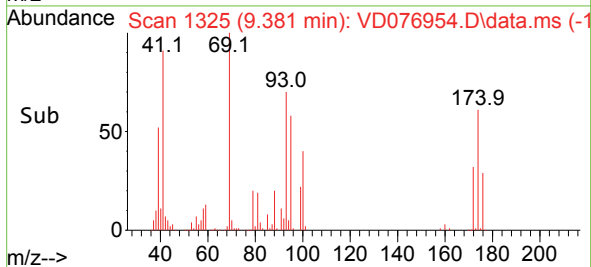
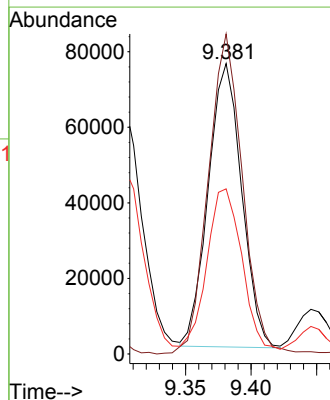
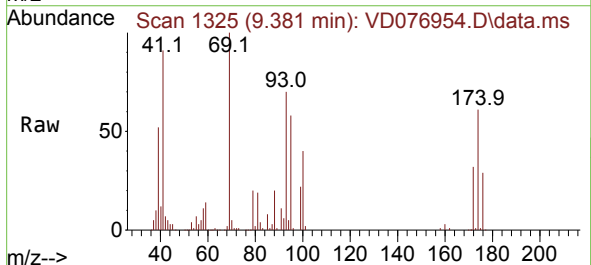
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

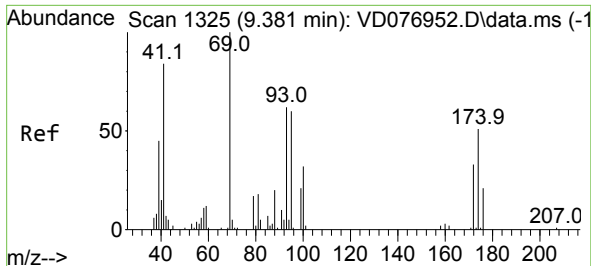
Tgt Ion: 83 Resp: 438495
Ion Ratio Lower Upper
83 100
85 64.5 50.2 75.4
127 8.3 6.3 9.5



#48
Methyl methacrylate
Concen: 142.773 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion: 41 Resp: 133324
Ion Ratio Lower Upper
41 100
69 115.9 102.2 153.2
39 62.0 41.4 62.2





#49

1,4-Dioxane

Concen: 2663.286 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076954.D

Acq: 08 Aug 2023 14:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

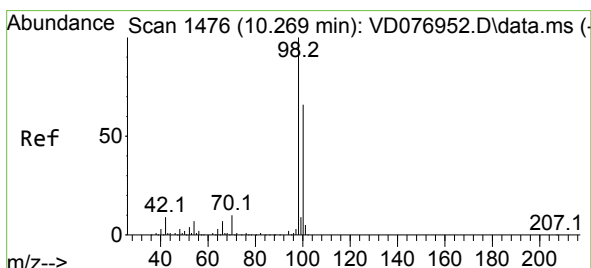
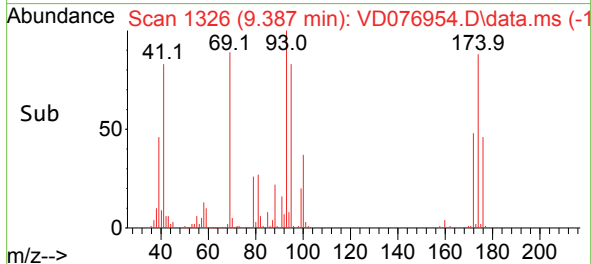
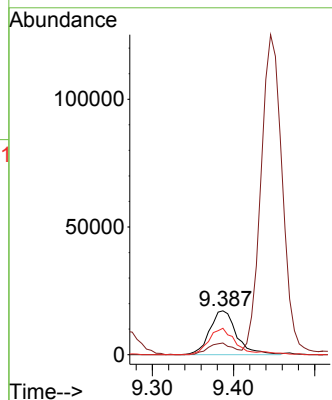
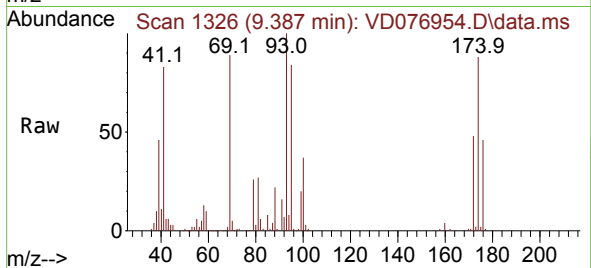
Tgt Ion: 88 Resp: 39475

Ion Ratio Lower Upper

88 100

43 25.6 19.0 28.6

58 57.3 43.5 65.3



#50

Toluene-d8

Concen: 133.367 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076954.D

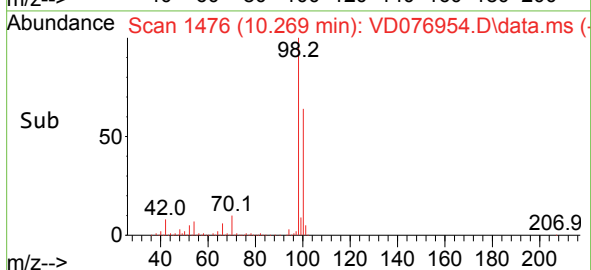
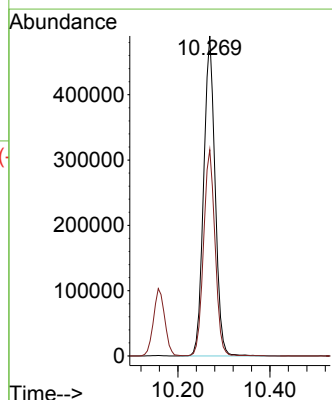
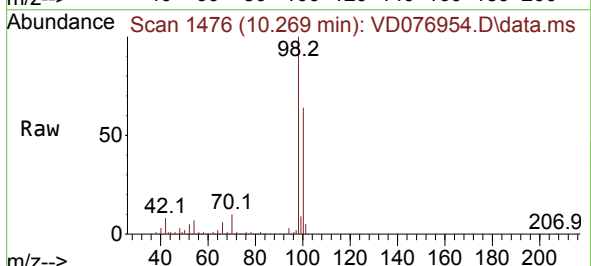
Acq: 08 Aug 2023 14:58

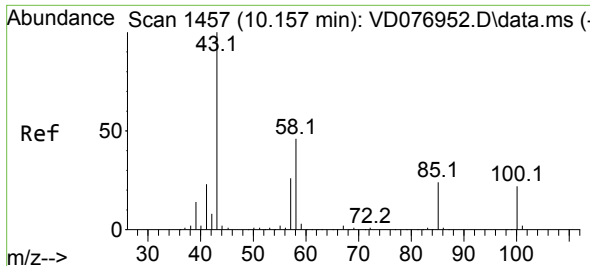
Tgt Ion: 98 Resp: 848366

Ion Ratio Lower Upper

98 100

100 65.1 50.3 75.5

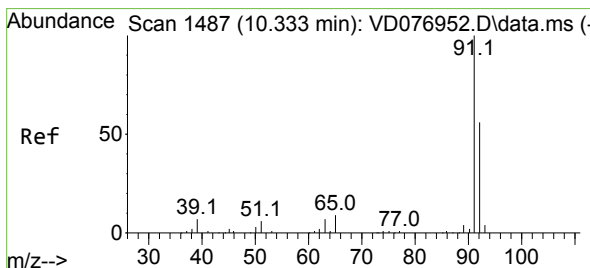
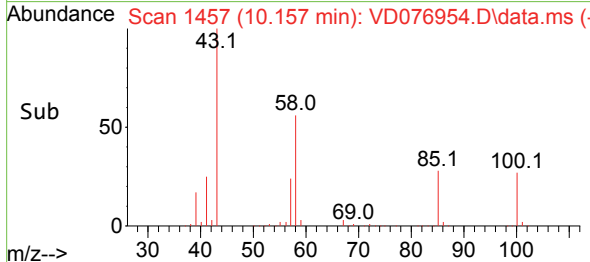
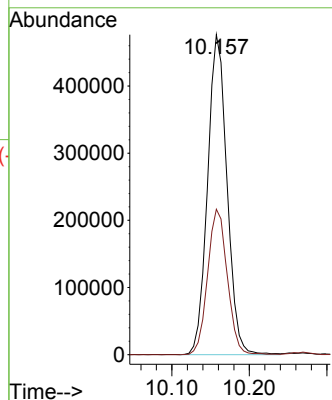
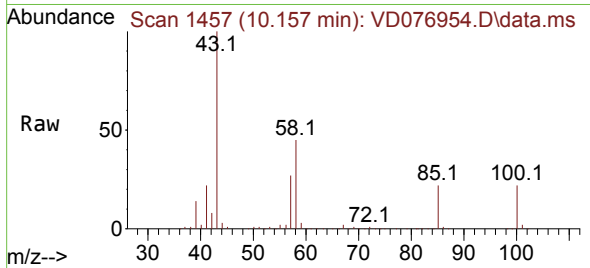




#51
4-Methyl-2-Pentanone
Concen: 707.404 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

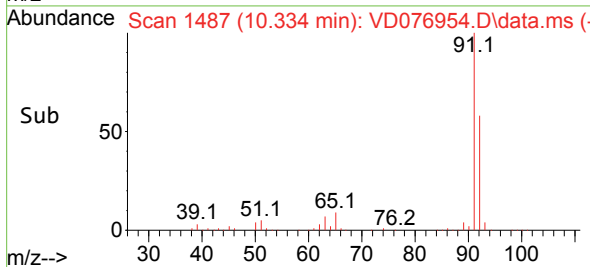
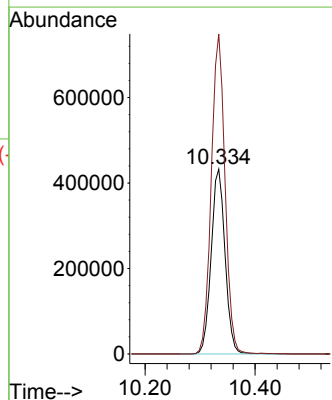
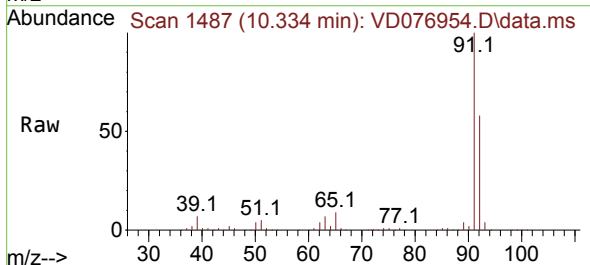
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

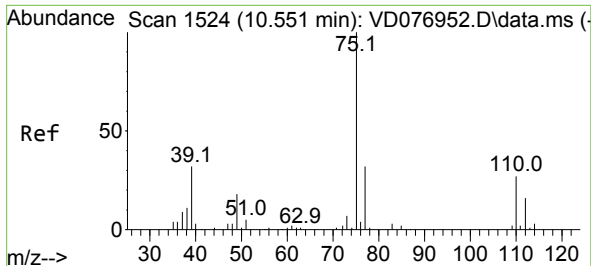
Tgt Ion: 43 Resp: 829221
Ion Ratio Lower Upper
43 100
58 46.1 38.9 58.3



#52
Toluene
Concen: 146.561 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion: 92 Resp: 757977
Ion Ratio Lower Upper
92 100
91 171.0 143.0 214.4

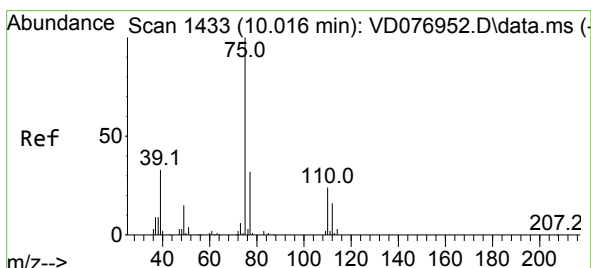
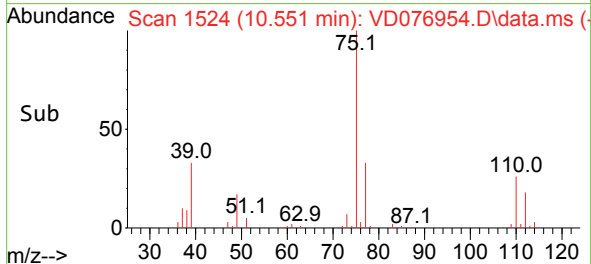
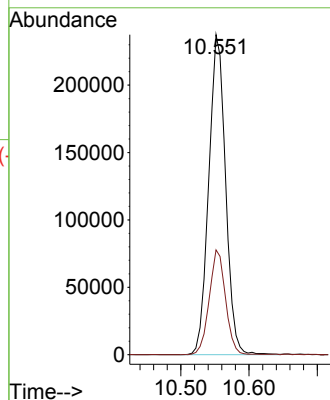
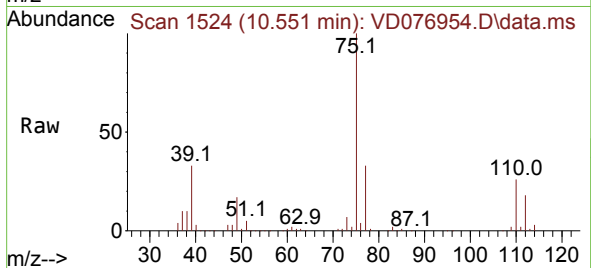




#53
 t-1,3-Dichloropropene
 Concen: 143.734 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD076954.D
 Acq: 08 Aug 2023 14:58

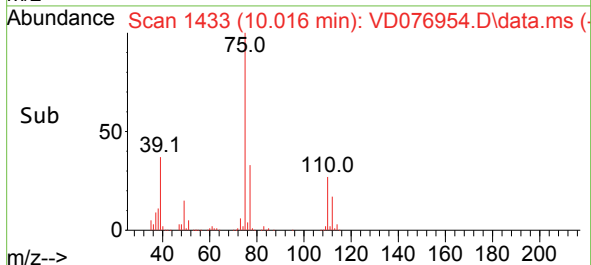
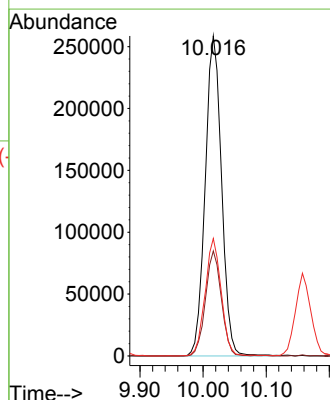
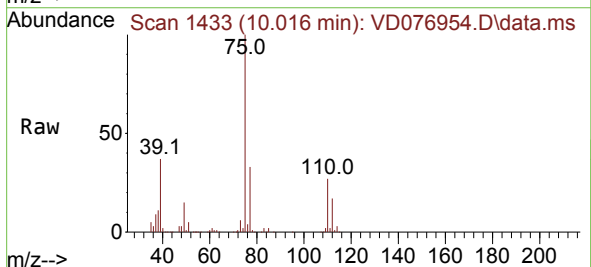
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

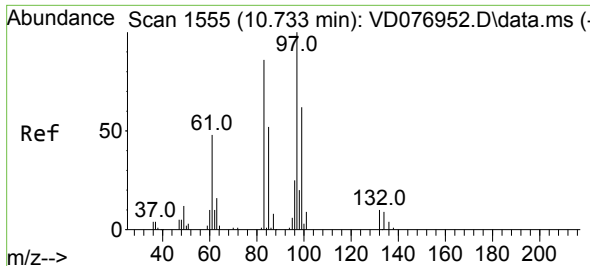
Tgt Ion: 75 Resp: 407900
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 141.479 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076954.D
 Acq: 08 Aug 2023 14:58

Tgt Ion: 75 Resp: 465660
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.5 38.3
 39 36.6 22.1 33.1#



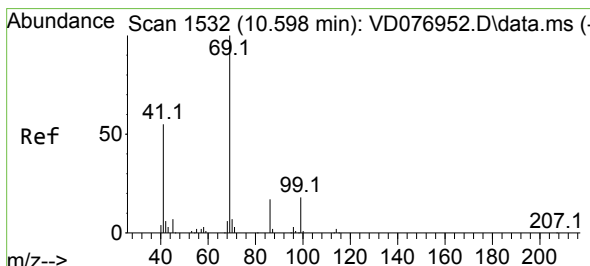
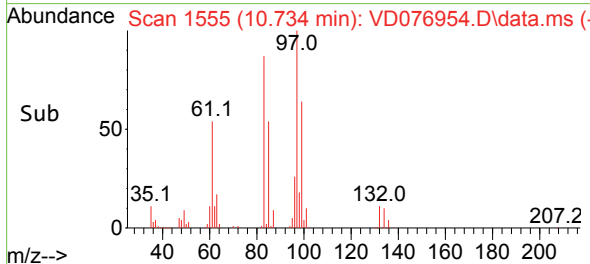
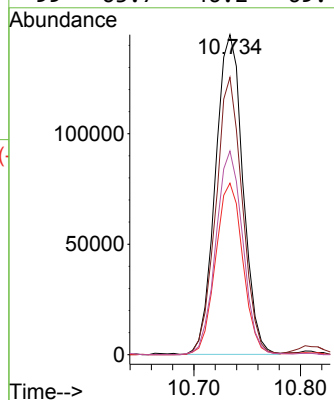
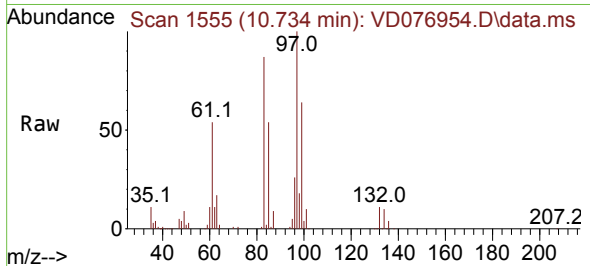


#55
 1,1,2-Trichloroethane
 Concen: 137.899 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: VD076954.D
 Acq: 08 Aug 2023 14:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion: 97 Resp: 259512

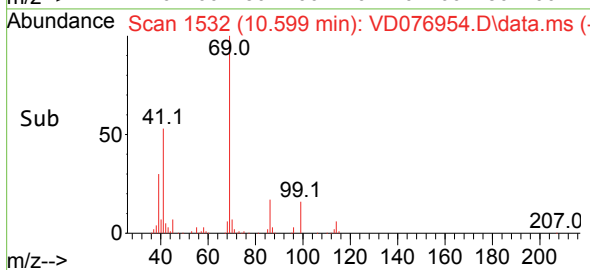
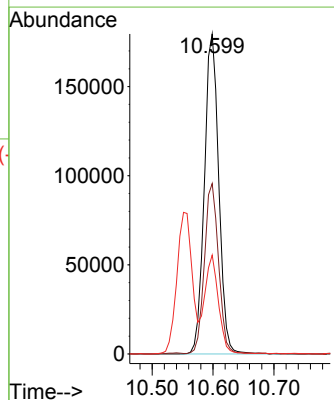
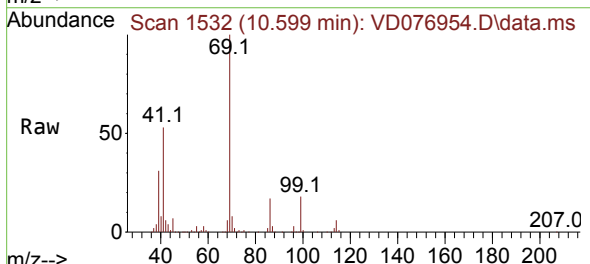
Ion	Ratio	Lower	Upper
97	100		
83	86.7	65.8	98.6
85	53.6	45.7	68.5
99	63.7	46.2	69.4

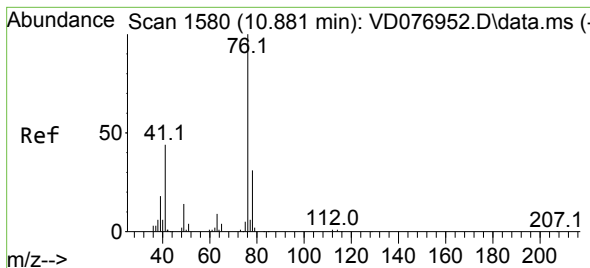


#56
 Ethyl methacrylate
 Concen: 151.466 ug/l
 RT: 10.599 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD076954.D
 Acq: 08 Aug 2023 14:58

Tgt Ion: 69 Resp: 295439

Ion	Ratio	Lower	Upper
69	100		
41	52.8	39.1	58.7
39	29.6	20.0	30.0





#57

1,3-Dichloropropane

Concen: 137.976 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD076954.D

Acq: 08 Aug 2023 14:58

Instrument :

MSVOA_D

ClientSampleId :

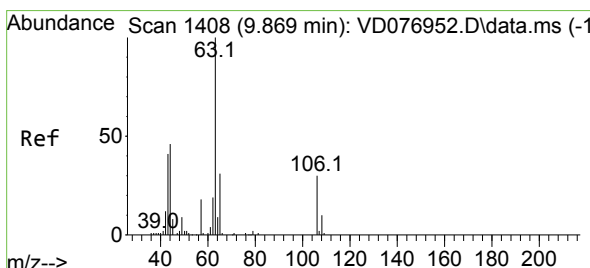
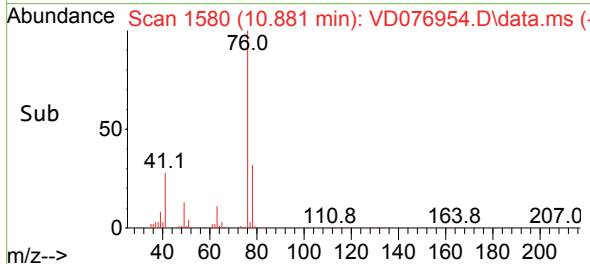
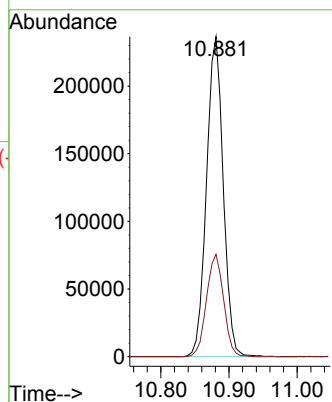
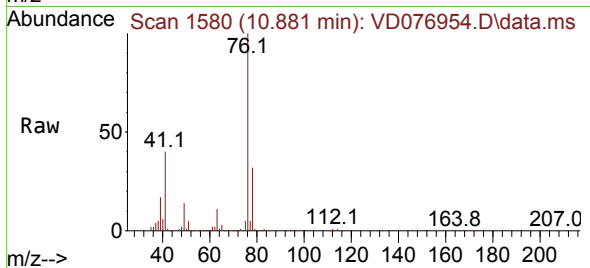
VSTDIC150

Tgt Ion: 76 Resp: 403396

Ion Ratio Lower Upper

76 100

78 32.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 709.777 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076954.D

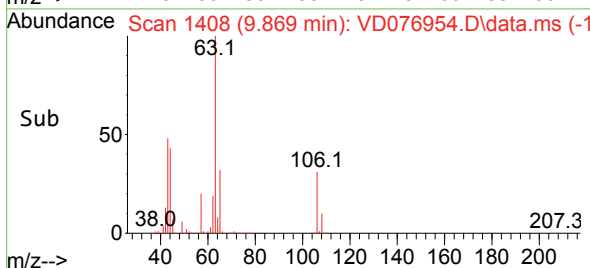
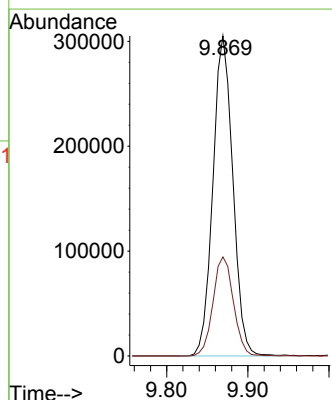
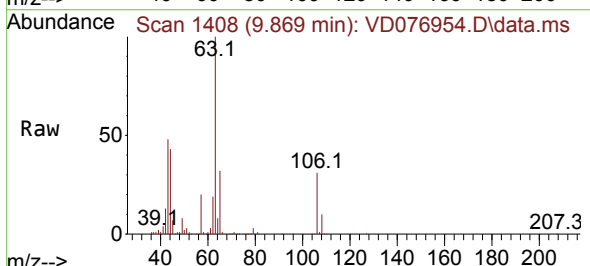
Acq: 08 Aug 2023 14:58

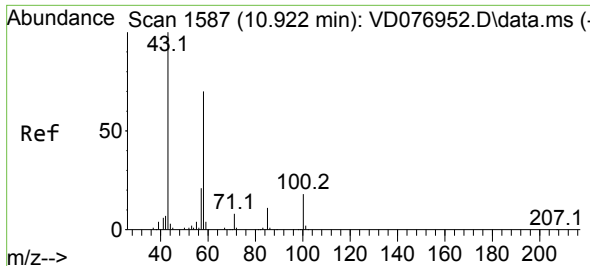
Tgt Ion: 63 Resp: 520437

Ion Ratio Lower Upper

63 100

106 31.7 25.3 37.9

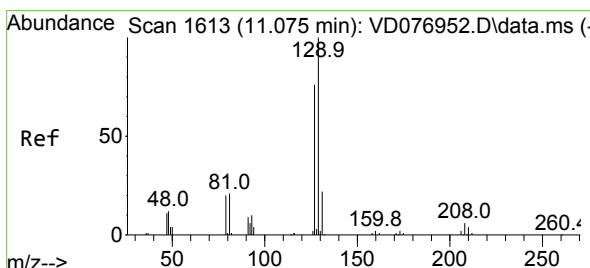
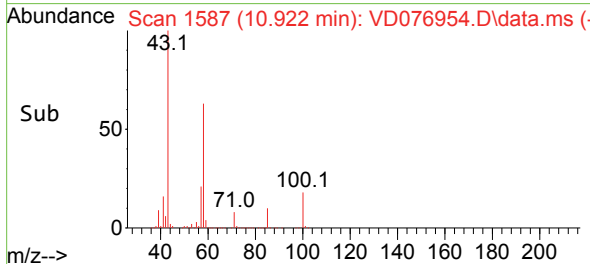
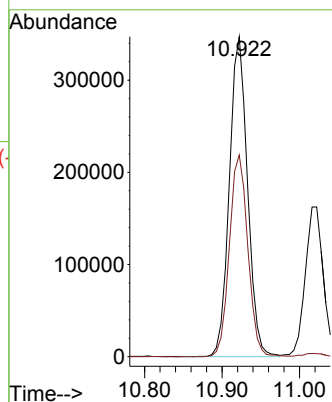
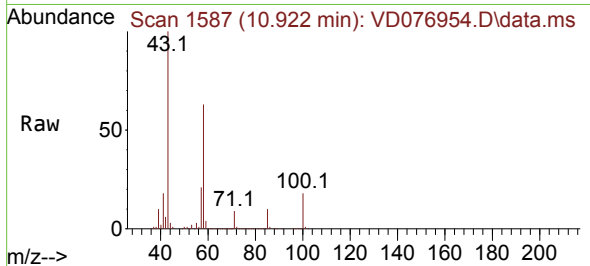




#59
2-Hexanone
Concen: 709.370 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

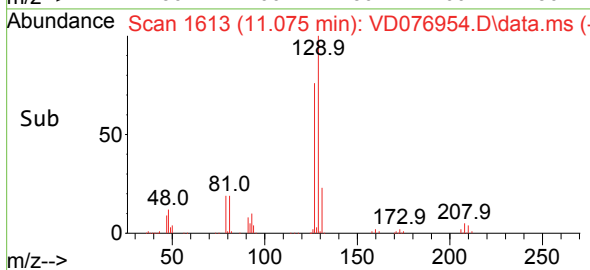
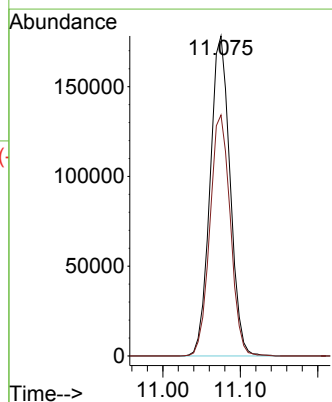
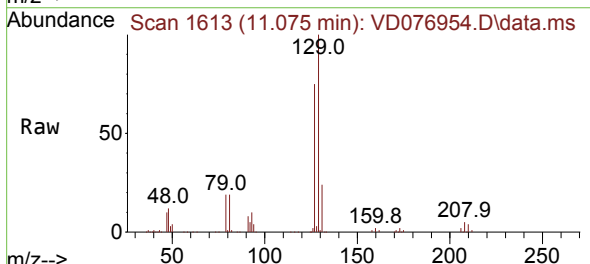
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

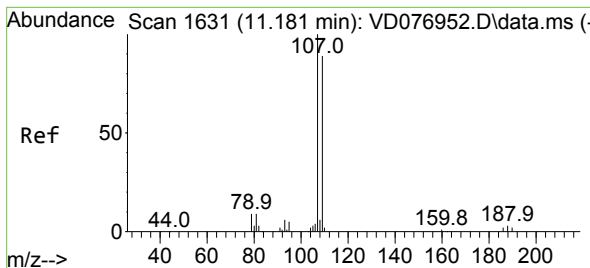
Tgt Ion: 43 Resp: 566022
Ion Ratio Lower Upper
43 100
58 64.0 34.1 102.2



#60
Dibromochloromethane
Concen: 140.649 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion: 129 Resp: 319217
Ion Ratio Lower Upper
129 100
127 76.7 37.1 111.5

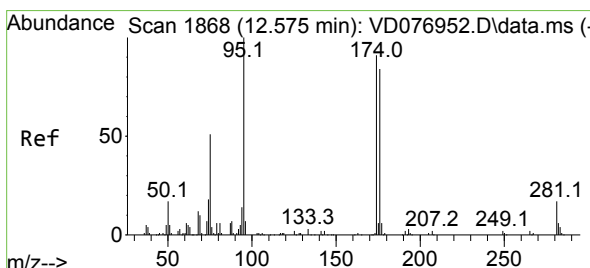
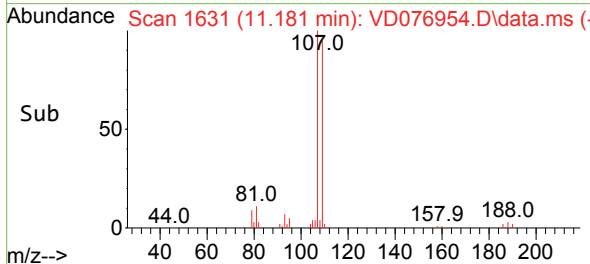
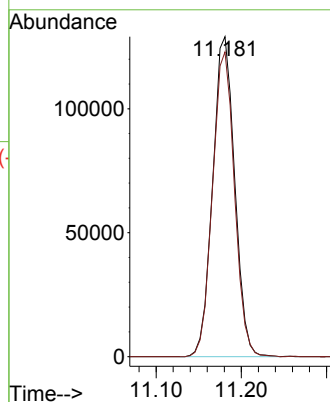
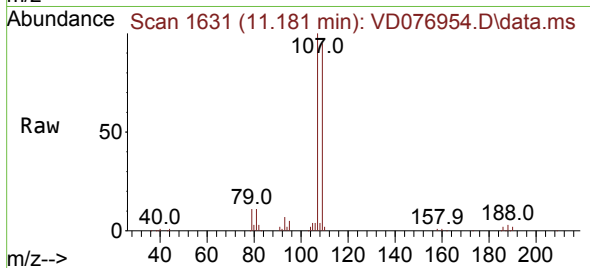




#61
1,2-Dibromoethane
Concen: 138.456 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

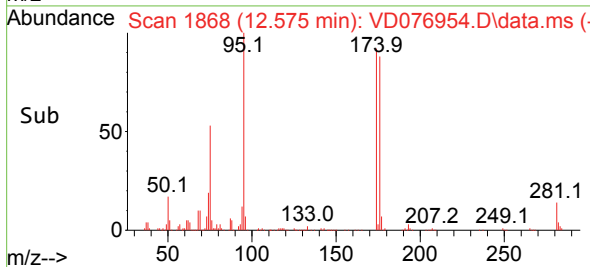
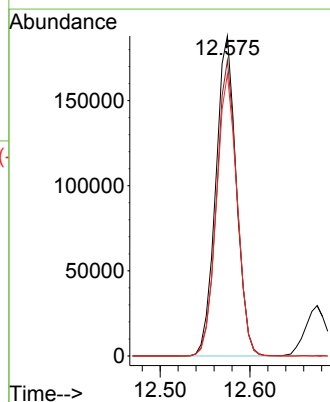
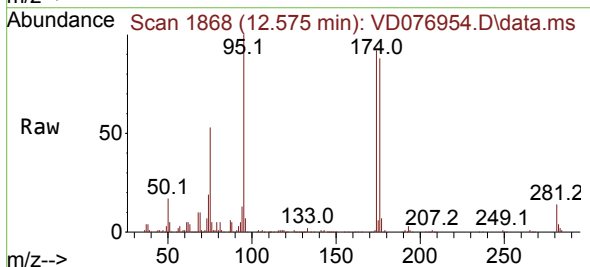
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

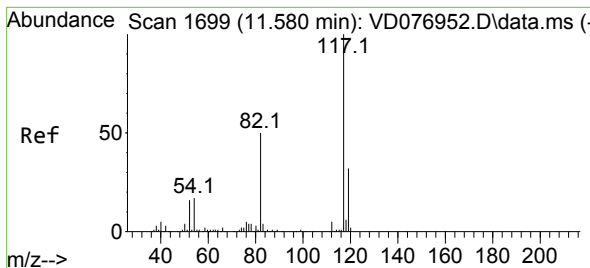
Tgt Ion:107 Resp: 231710
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 134.169 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion: 95 Resp: 298362
Ion Ratio Lower Upper
95 100
174 91.8 0.0 201.8
176 88.5 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076954.D

Acq: 08 Aug 2023 14:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

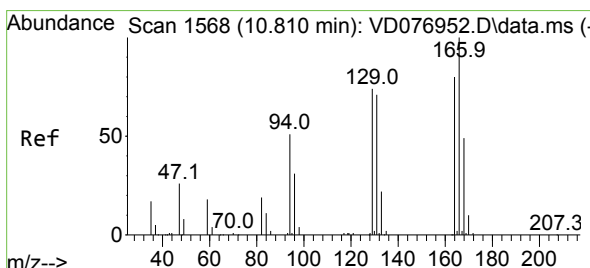
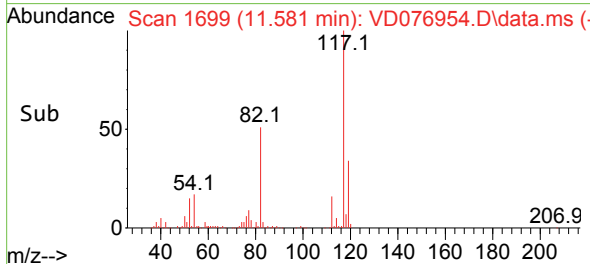
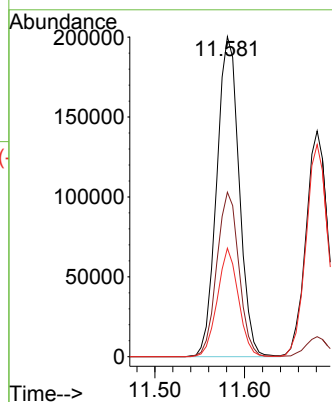
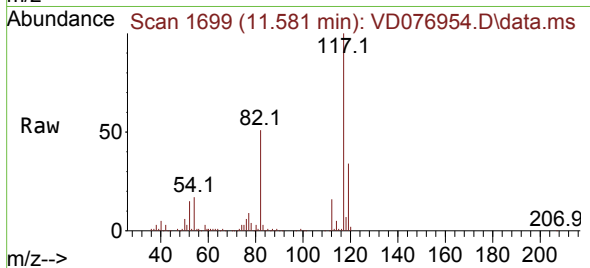
Tgt Ion:117 Resp: 348006

Ion Ratio Lower Upper

117 100

82 51.4 38.3 57.5

119 33.9 25.0 37.4



#64

Tetrachloroethene

Concen: 139.546 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD076954.D

Acq: 08 Aug 2023 14:58

Tgt Ion:164 Resp: 244455

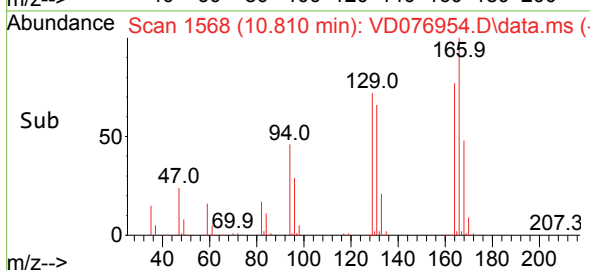
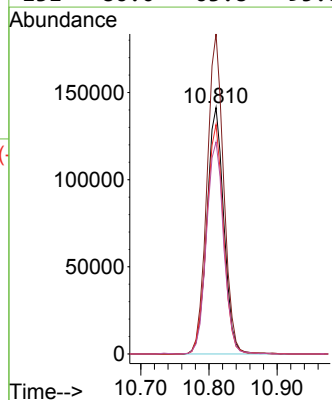
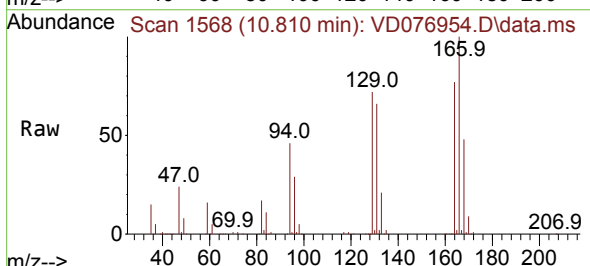
Ion Ratio Lower Upper

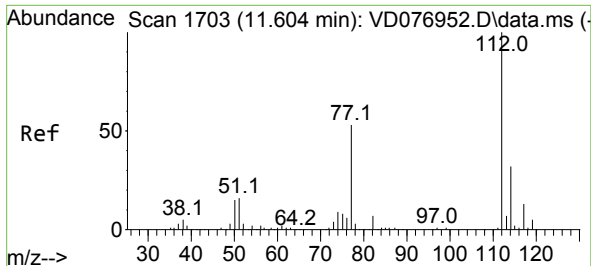
164 100

166 129.9 99.2 148.8

129 93.1 68.4 102.6

131 86.0 63.8 95.8

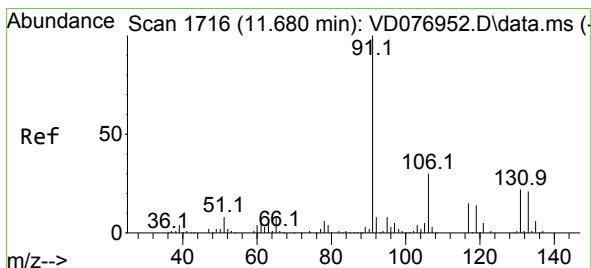
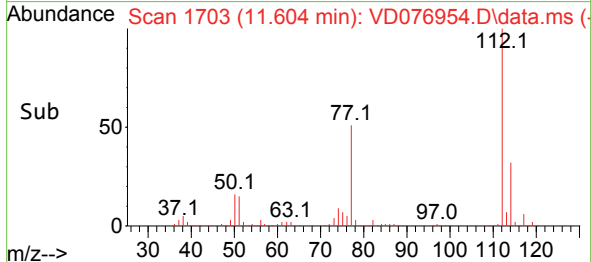
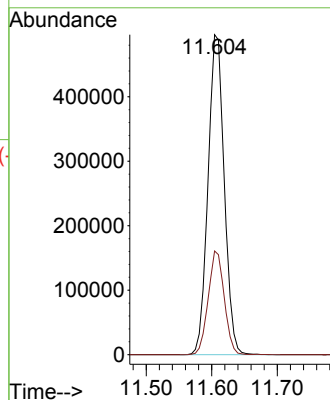
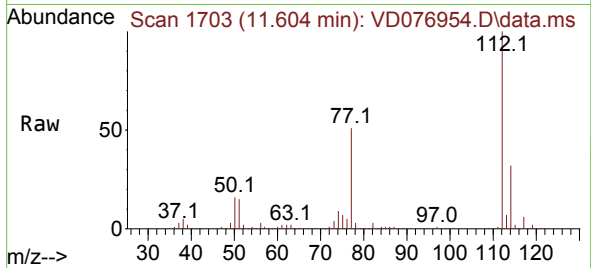




#65
Chlorobenzene
Concen: 138.848 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

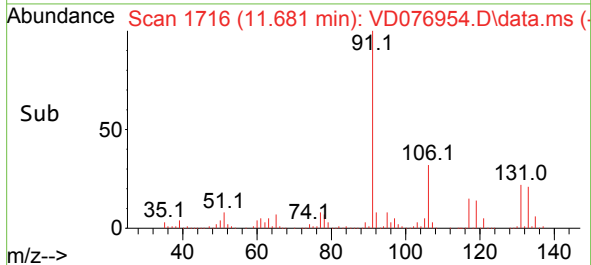
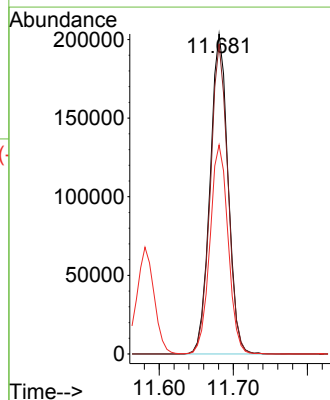
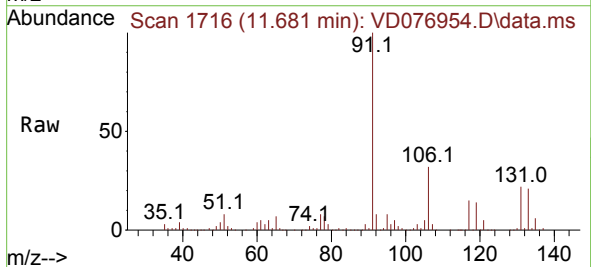
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

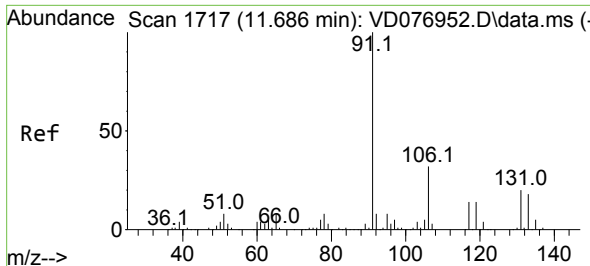
Tgt Ion:112 Resp: 854845
Ion Ratio Lower Upper
112 100
114 32.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 141.181 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion:131 Resp: 342992
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.5
119 66.0 35.6 106.9





#67

Ethyl Benzene

Concen: 148.276 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD076954.D

Acq: 08 Aug 2023 14:58

Instrument :

MSVOA_D

ClientSampleId :

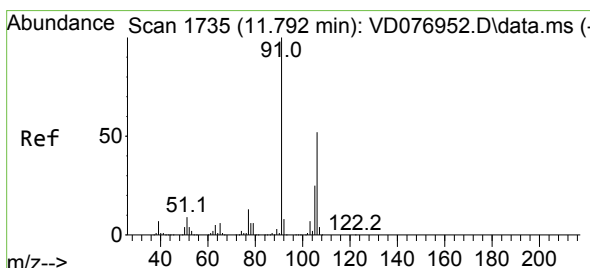
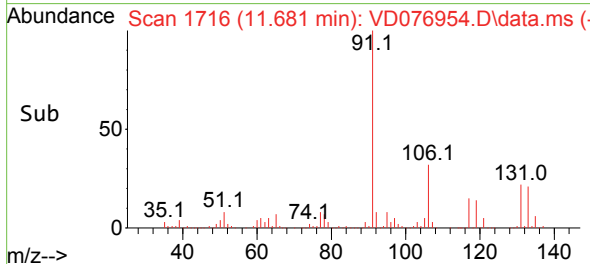
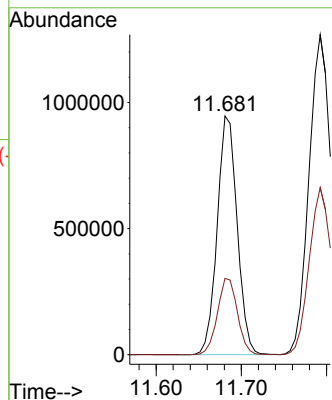
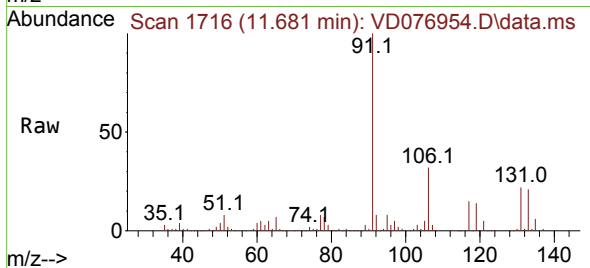
VSTDICC150

Tgt Ion: 91 Resp: 1540159

Ion Ratio Lower Upper

91 100

106 32.0 26.5 39.7



#68

m/p-Xylenes

Concen: 296.427 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD076954.D

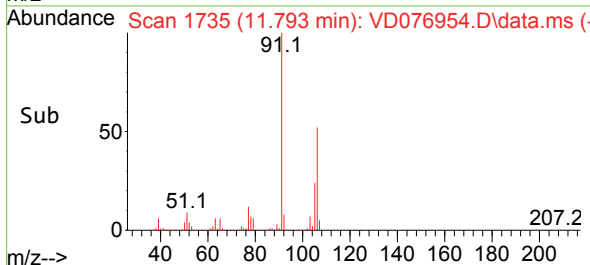
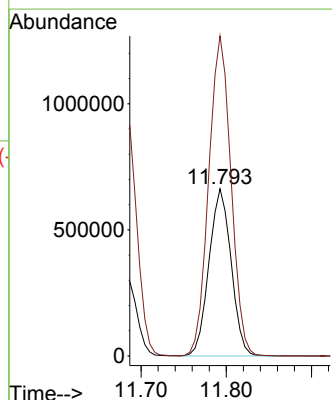
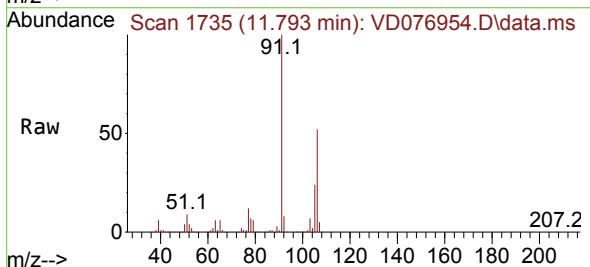
Acq: 08 Aug 2023 14:58

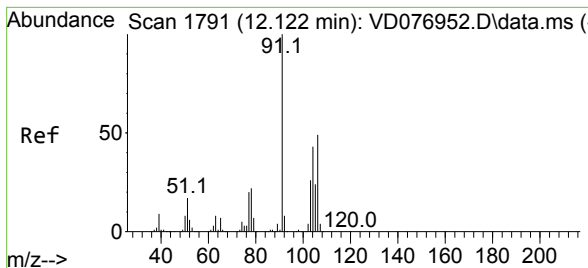
Tgt Ion:106 Resp: 1195843

Ion Ratio Lower Upper

106 100

91 193.4 147.0 220.6

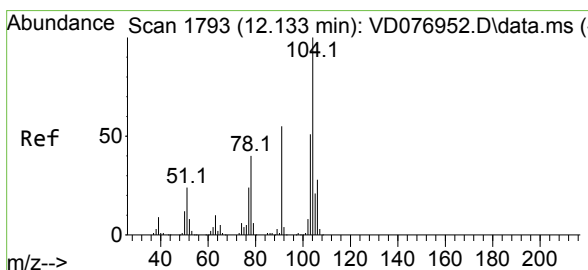
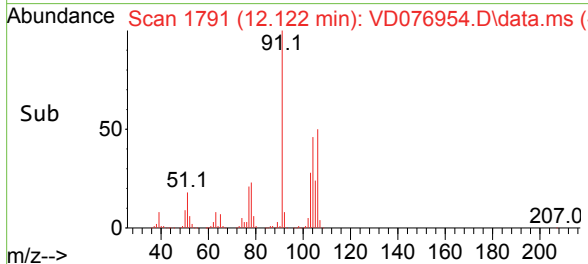
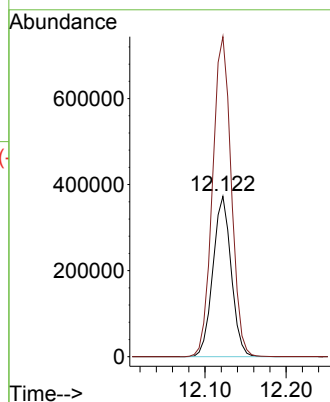
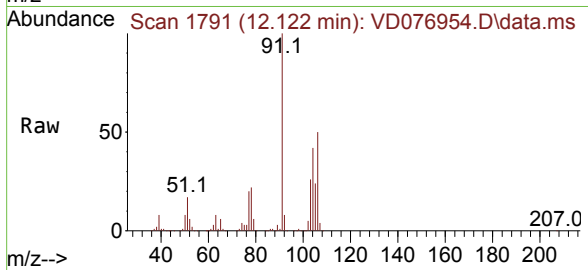




#69
o-Xylene
Concen: 150.584 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

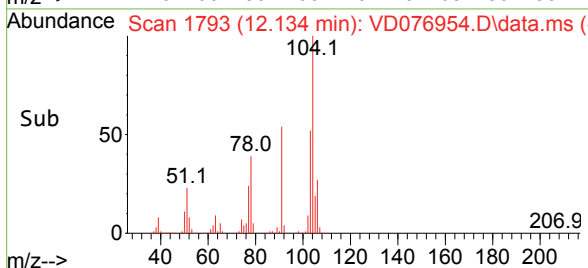
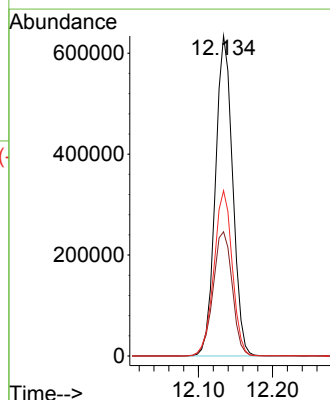
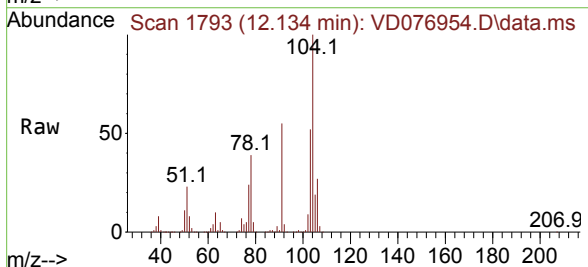
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

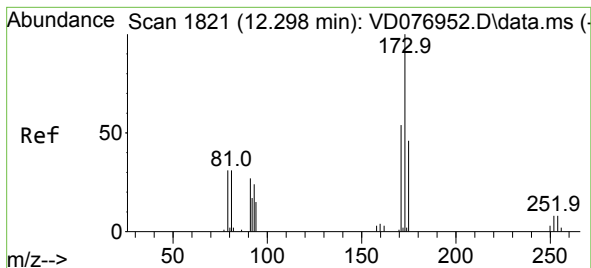
Tgt Ion:106 Resp: 582585
Ion Ratio Lower Upper
106 100
91 204.3 97.9 293.6



#70
Styrene
Concen: 148.662 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion:104 Resp: 1025337
Ion Ratio Lower Upper
104 100
78 43.1 33.2 49.8
103 54.8 43.6 65.4





#71

Bromoform

Concen: 142.012 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD076954.D

Acq: 08 Aug 2023 14:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

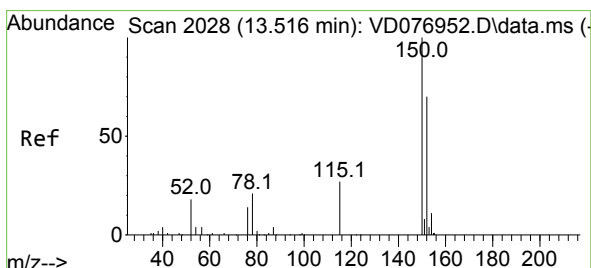
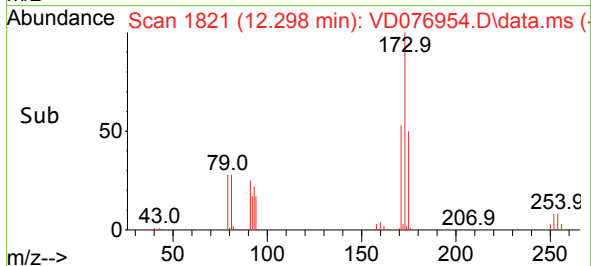
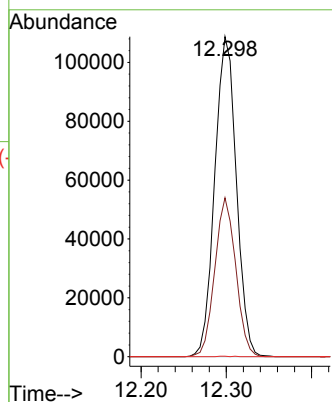
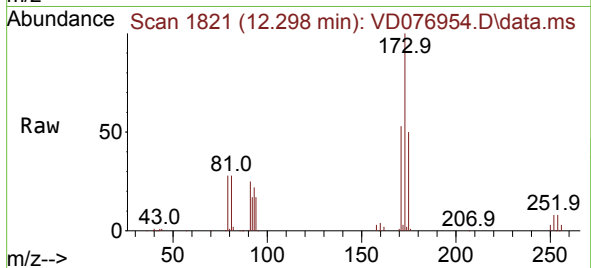
Tgt Ion:173 Resp: 191269

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.8

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD076954.D

Acq: 08 Aug 2023 14:58

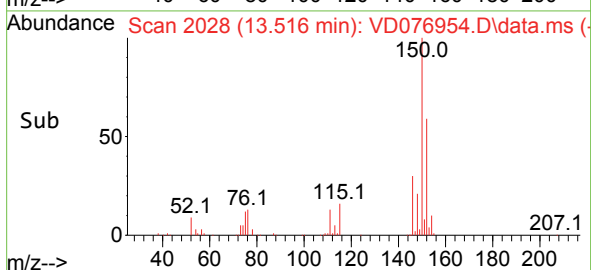
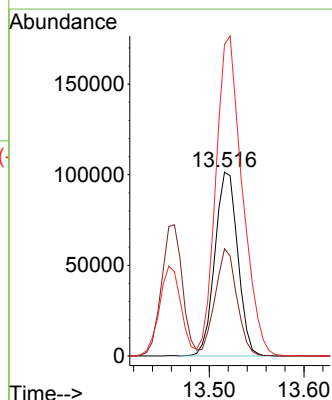
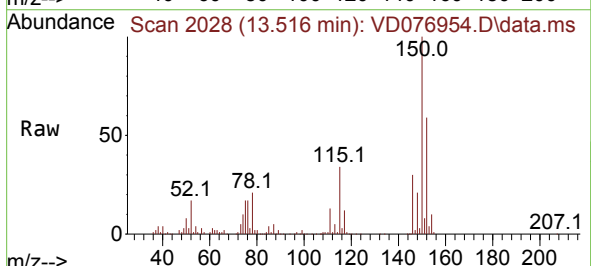
Tgt Ion:152 Resp: 170205

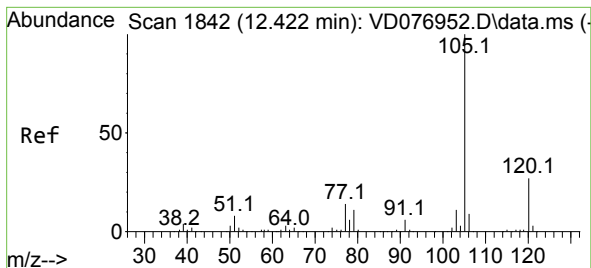
Ion Ratio Lower Upper

152 100

115 56.0 27.1 81.3

150 201.3 0.0 353.6





#73

Isopropylbenzene

Concen: 146.270 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD076954.D

Acq: 08 Aug 2023 14:58

Instrument :

MSVOA_D

ClientSampleId :

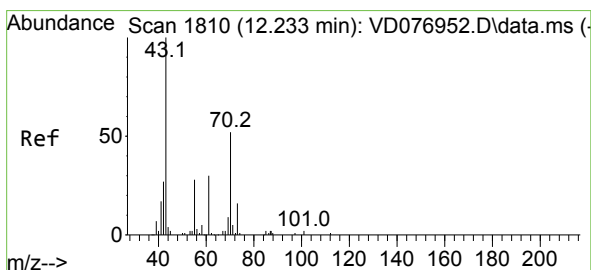
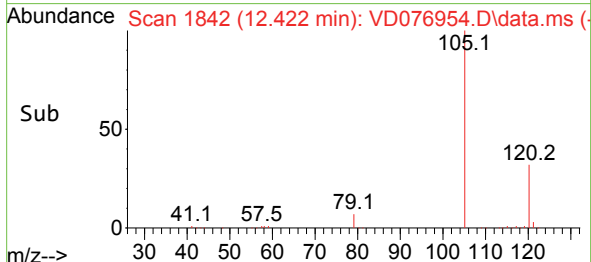
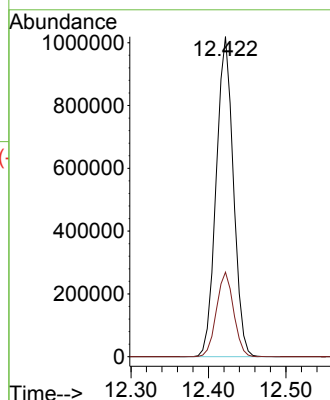
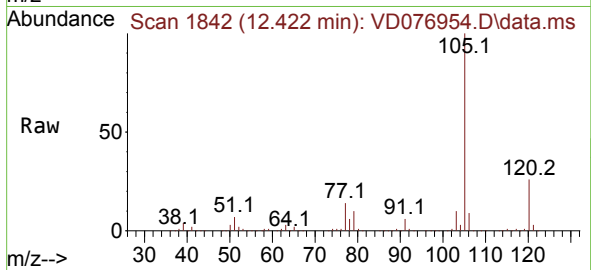
VSTDICC150

Tgt Ion:105 Resp: 1566644

Ion Ratio Lower Upper

105 100

120 26.3 14.3 42.9



#74

N-ethyl acetate

Concen: 136.915 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD076954.D

Acq: 08 Aug 2023 14:58

Tgt Ion: 43 Resp: 292166

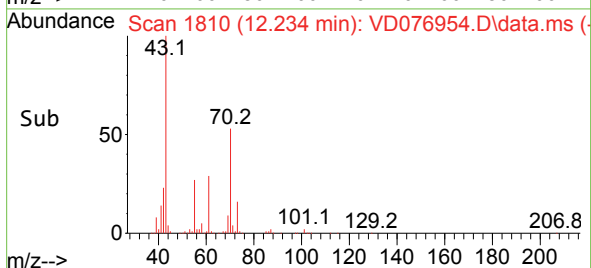
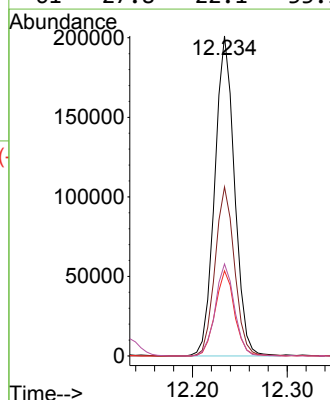
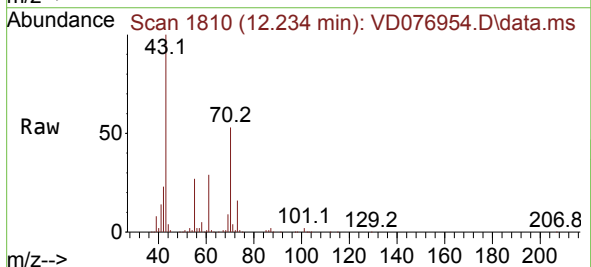
Ion Ratio Lower Upper

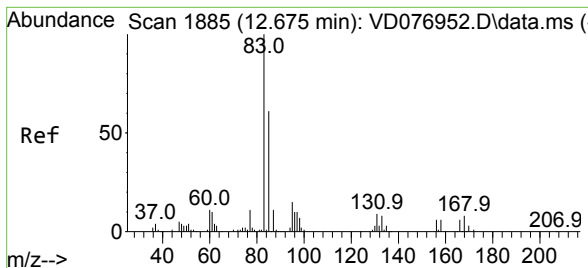
43 100

70 52.2 45.0 67.4

55 26.1 23.8 35.6

61 27.8 22.1 33.1

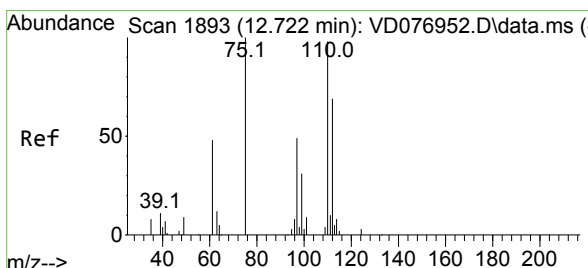
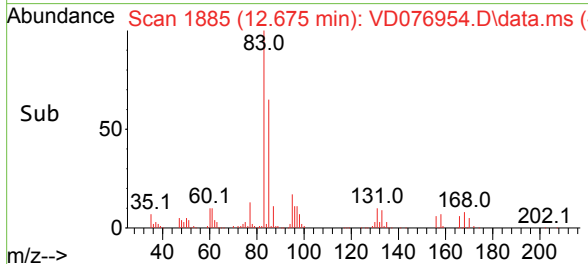
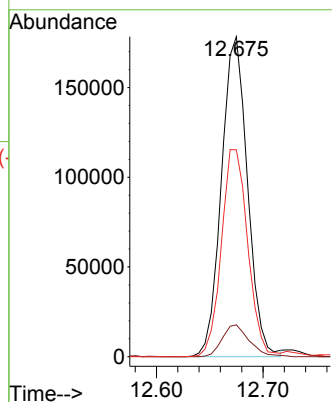
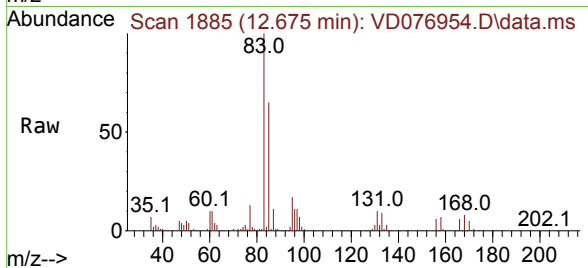




#75
 1,1,2,2-Tetrachloroethane
 Concen: 128.468 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD076954.D
 Acq: 08 Aug 2023 14:58

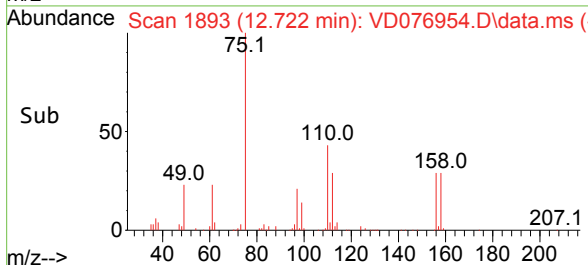
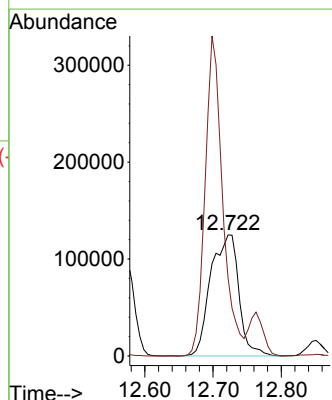
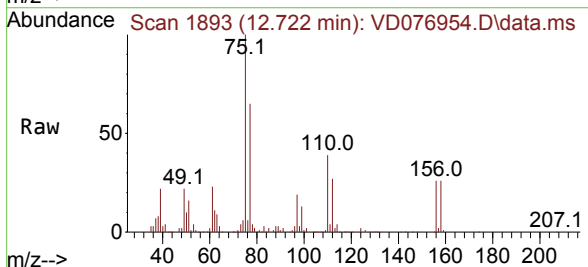
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

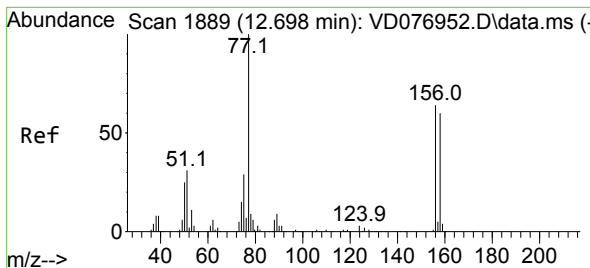
Tgt Ion: 83 Resp: 303193
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.1 15.3
 85 65.4 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 224.584 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD076954.D
 Acq: 08 Aug 2023 14:58

Tgt Ion: 75 Resp: 358593
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 136.716 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD076954.D

Acq: 08 Aug 2023 14:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

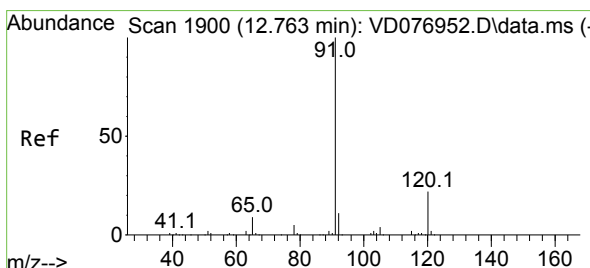
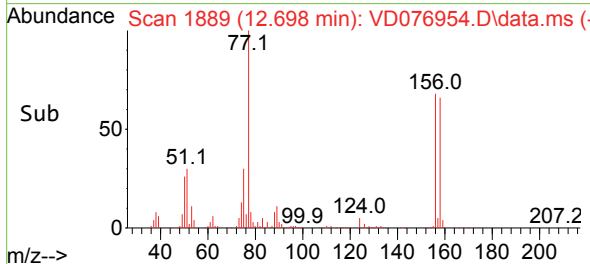
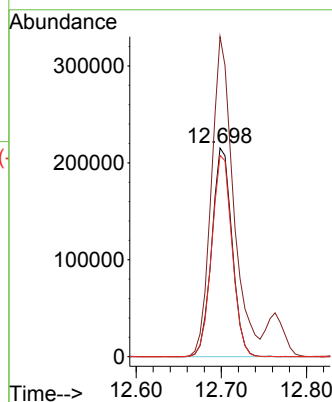
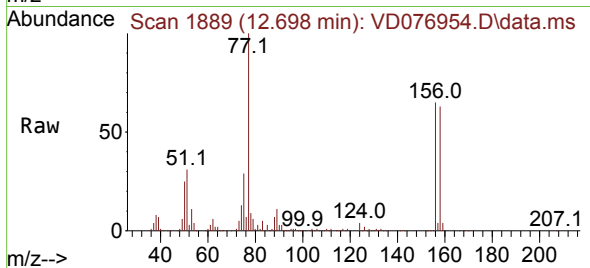
Tgt Ion:156 Resp: 356310

Ion Ratio Lower Upper

156 100

77 166.9 76.8 230.4

158 96.7 48.6 145.9



#78

n-propylbenzene

Concen: 143.407 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076954.D

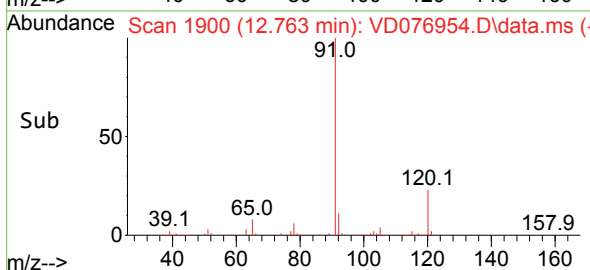
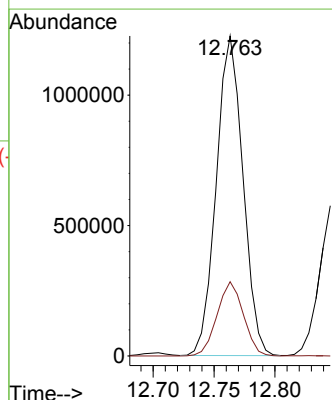
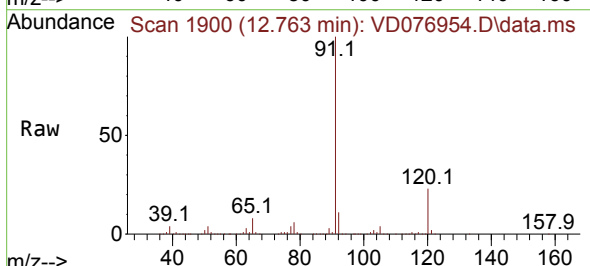
Acq: 08 Aug 2023 14:58

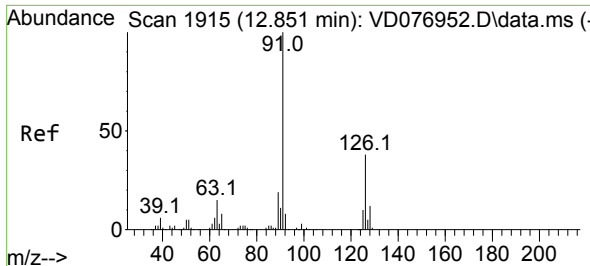
Tgt Ion: 91 Resp: 1868444

Ion Ratio Lower Upper

91 100

120 22.9 12.4 37.2

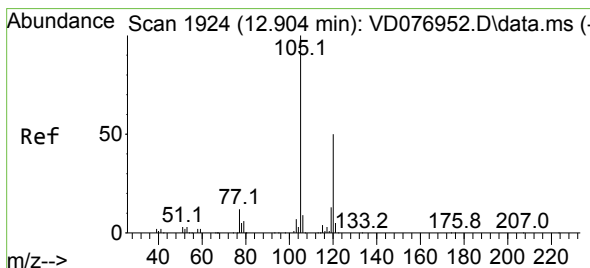
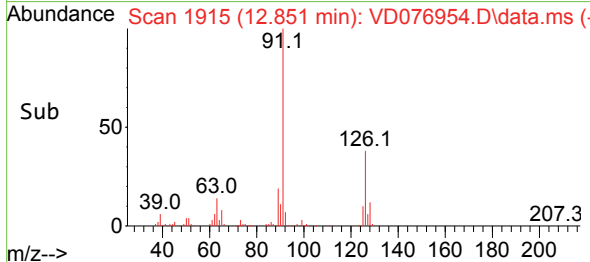
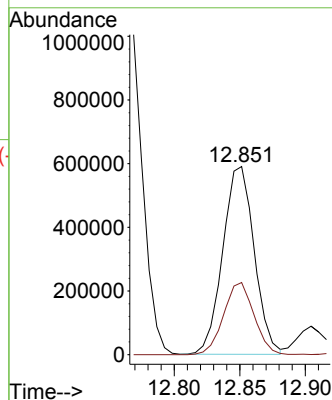
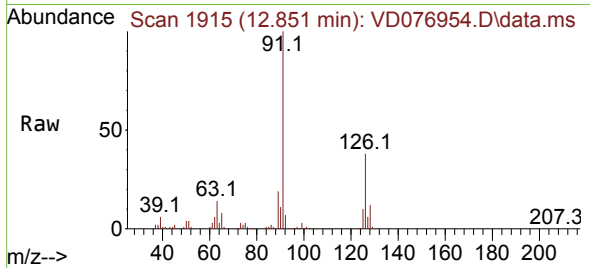




#79
2-Chlorotoluene
Concen: 137.595 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

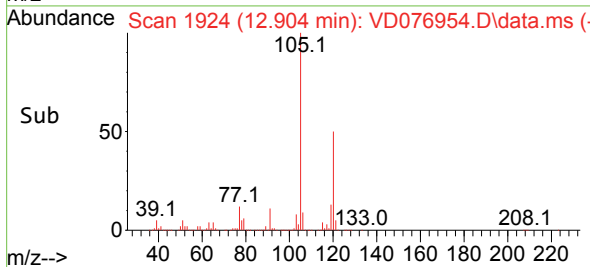
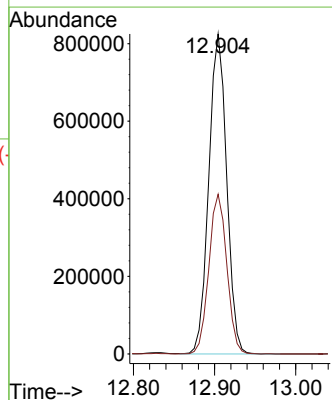
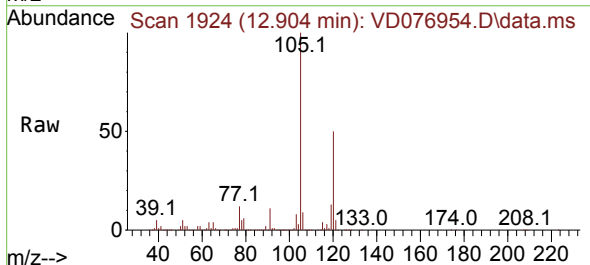
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

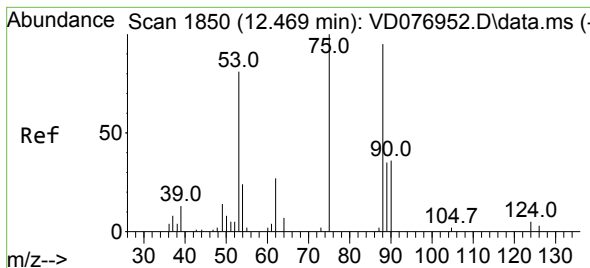
Tgt Ion: 91 Resp: 985606
Ion Ratio Lower Upper
91 100
126 37.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 145.040 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion: 105 Resp: 1260948
Ion Ratio Lower Upper
105 100
120 50.1 26.4 79.2

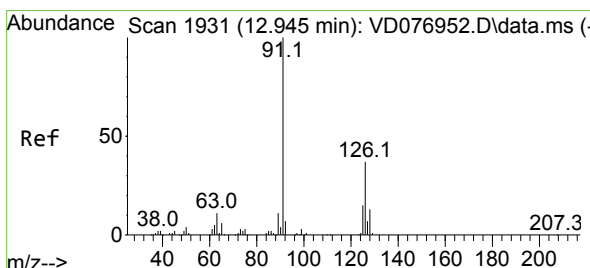
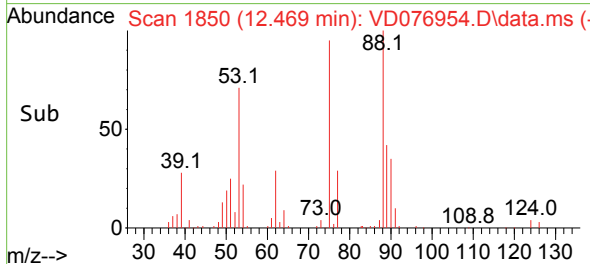
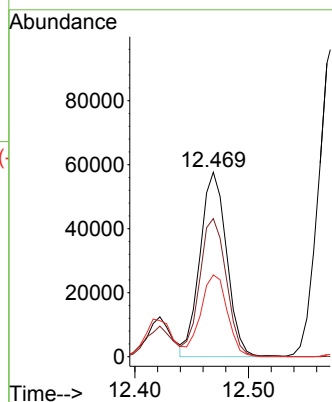
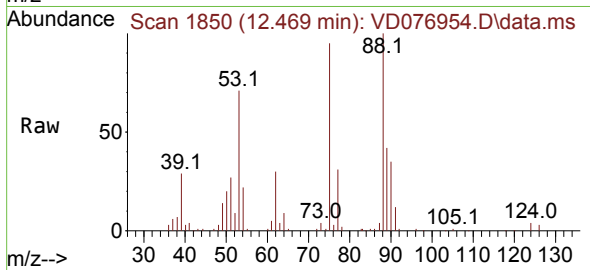




#81
trans-1,4-Dichloro-2-butene
Concen: 138.407 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

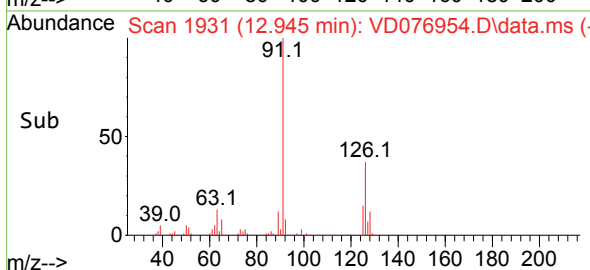
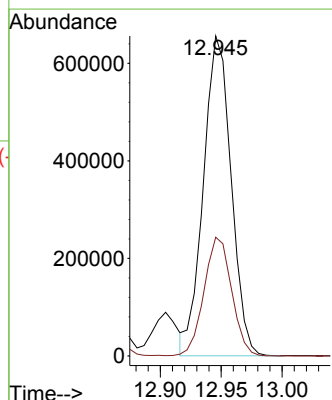
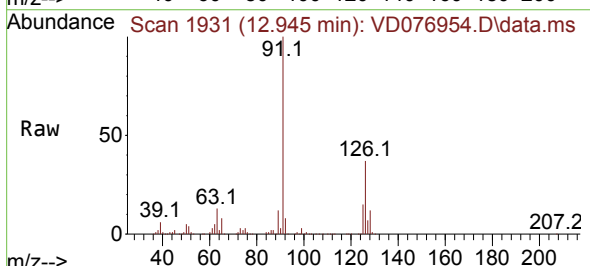
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

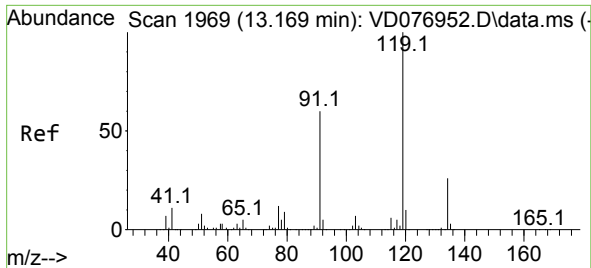
Tgt Ion: 75 Resp: 94063
Ion Ratio Lower Upper
75 100
53 74.6 63.0 94.4
89 43.5 37.9 56.9



#82
4-Chlorotoluene
Concen: 138.561 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion: 91 Resp: 1038802
Ion Ratio Lower Upper
91 100
126 37.1 19.4 58.4

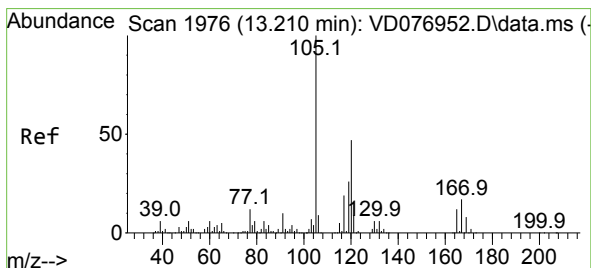
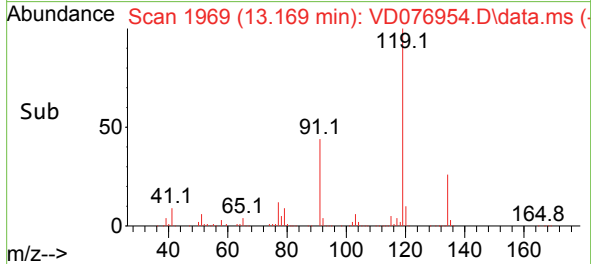
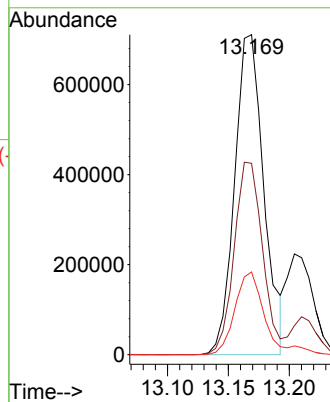
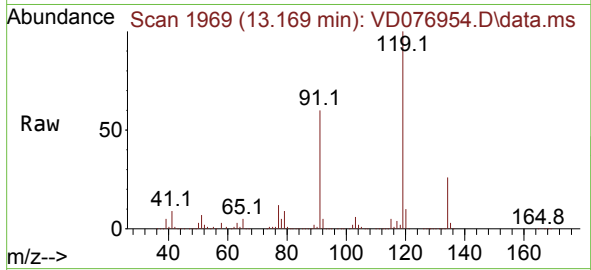




#83
tert-Butylbenzene
Concen: 149.075 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

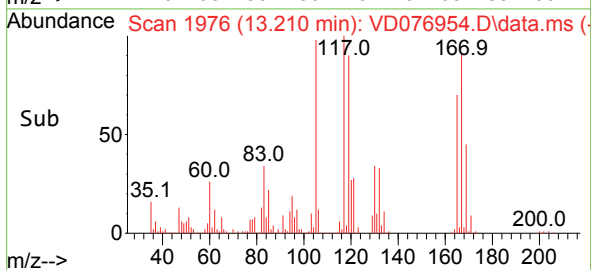
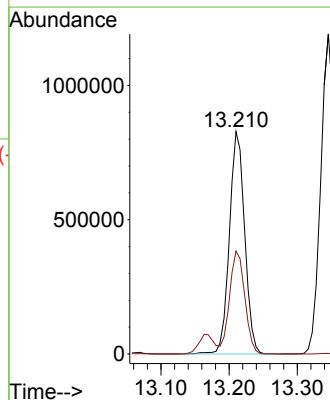
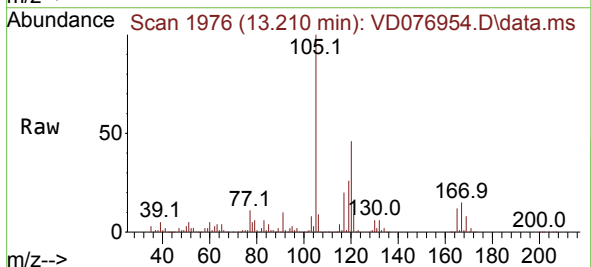
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

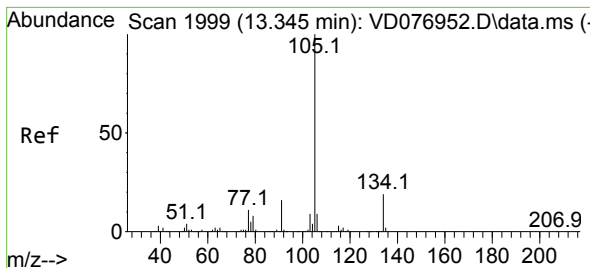
Tgt Ion:119 Resp: 1188406
Ion Ratio Lower Upper
119 100
91 58.2 29.3 87.8
134 26.7 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 145.600 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion:105 Resp: 1289805
Ion Ratio Lower Upper
105 100
120 46.0 24.3 72.9

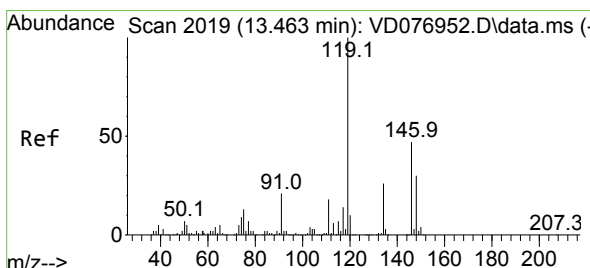
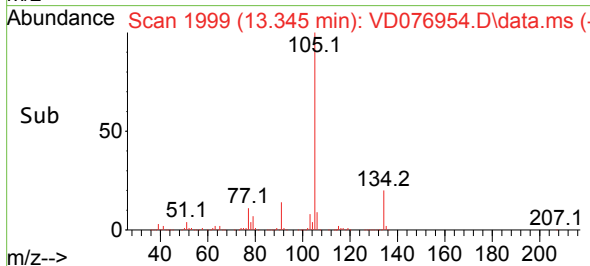
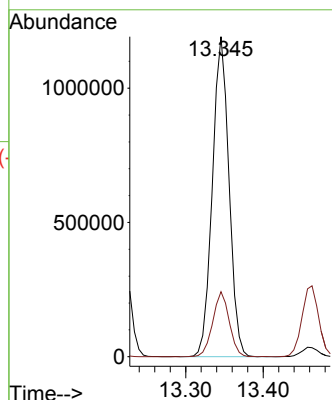
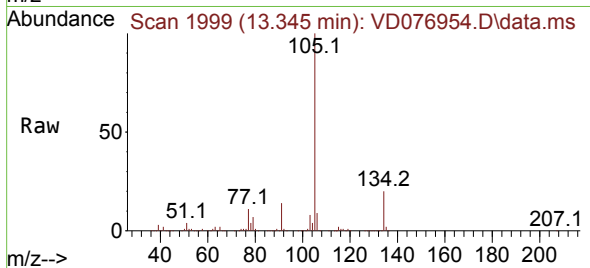




#85
 sec-Butylbenzene
 Concen: 146.964 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076954.D
 Acq: 08 Aug 2023 14:58

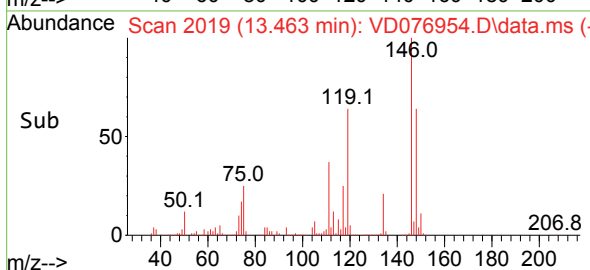
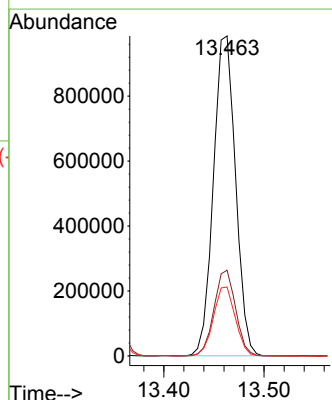
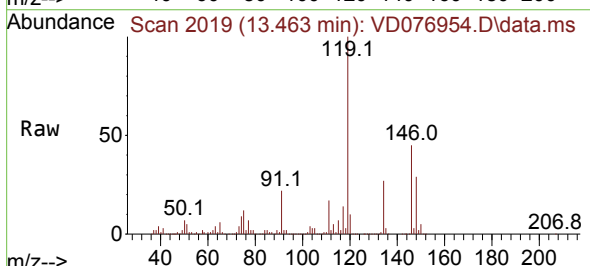
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

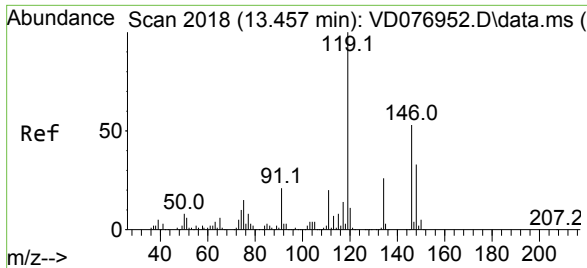
Tgt Ion:105 Resp: 1769885
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 151.865 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD076954.D
 Acq: 08 Aug 2023 14:58

Tgt Ion:119 Resp: 1510583
 Ion Ratio Lower Upper
 119 100
 134 26.2 14.2 42.6
 91 21.3 10.5 31.5

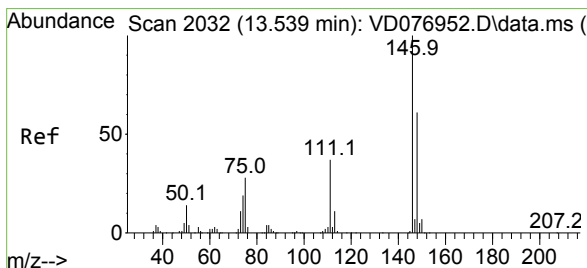
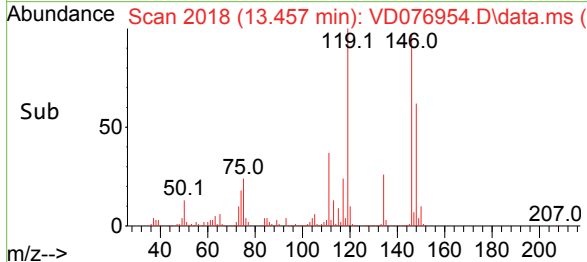
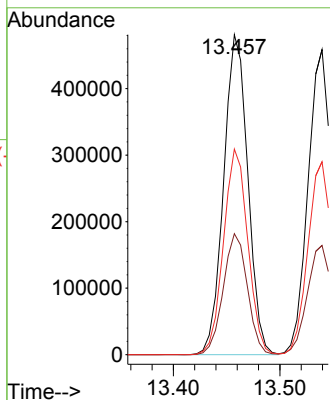
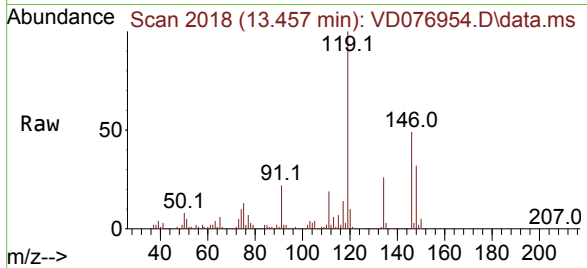




#87
 1,3-Dichlorobenzene
 Concen: 140.258 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076954.D
 Acq: 08 Aug 2023 14:58

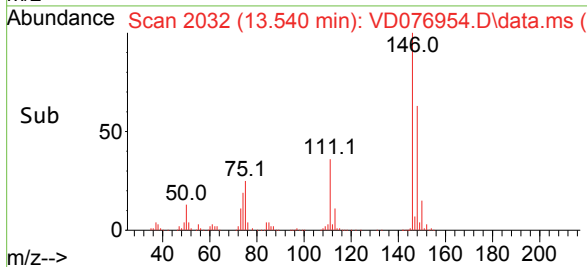
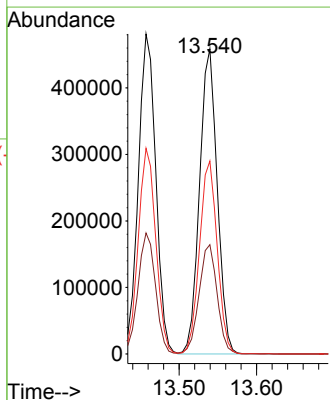
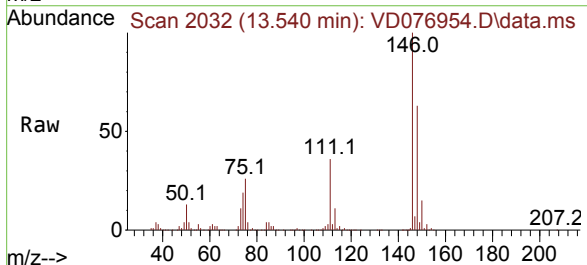
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

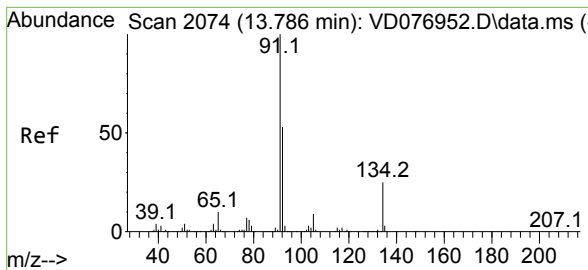
Tgt Ion:146 Resp: 758258
 Ion Ratio Lower Upper
 146 100
 111 37.8 17.9 53.8
 148 64.6 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 134.860 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD076954.D
 Acq: 08 Aug 2023 14:58

Tgt Ion:146 Resp: 726861
 Ion Ratio Lower Upper
 146 100
 111 36.6 17.4 52.3
 148 63.5 31.7 95.1

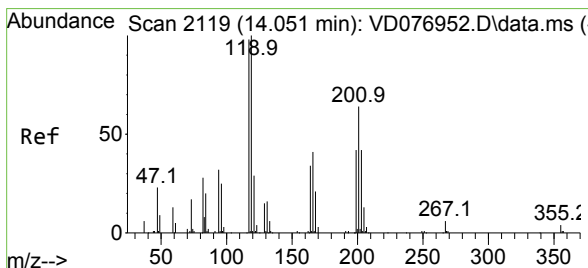
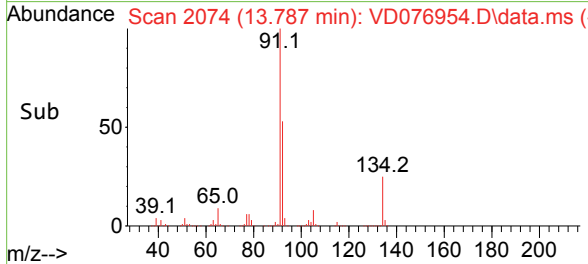
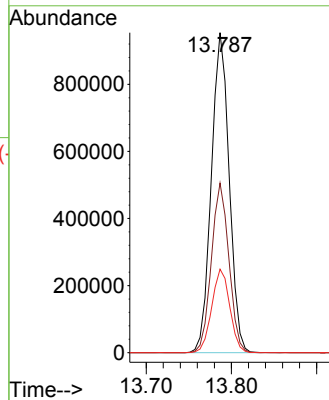
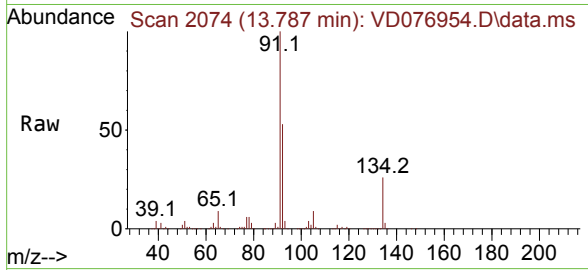




#89
n-Butylbenzene
Concen: 146.132 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

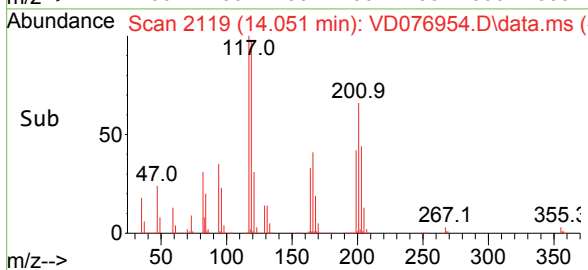
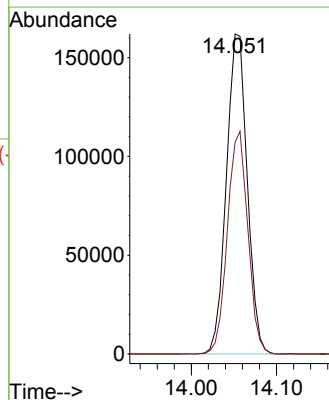
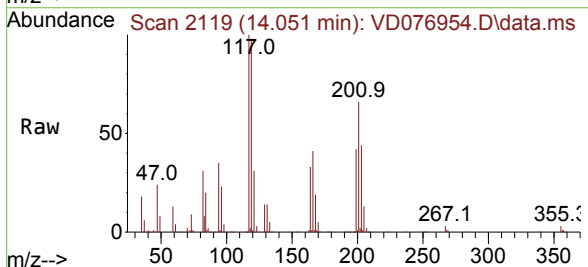
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

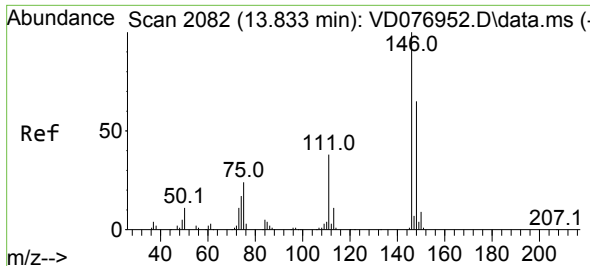
Tgt Ion: 91 Resp: 1384581
Ion Ratio Lower Upper
91 100
92 52.2 26.5 79.5
134 26.4 13.8 41.3



#90
Hexachloroethane
Concen: 136.964 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion: 117 Resp: 275296
Ion Ratio Lower Upper
117 100
201 68.3 38.5 115.5

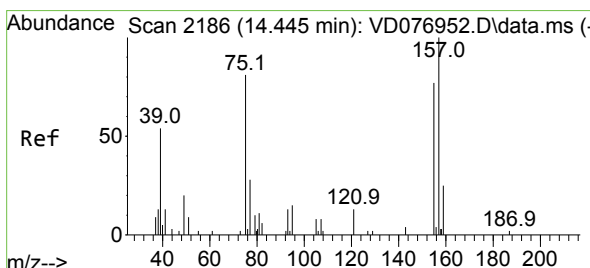
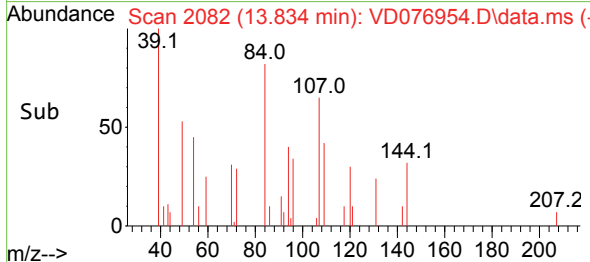
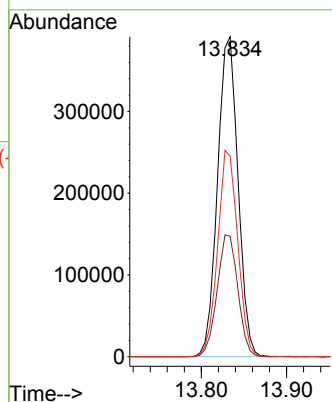
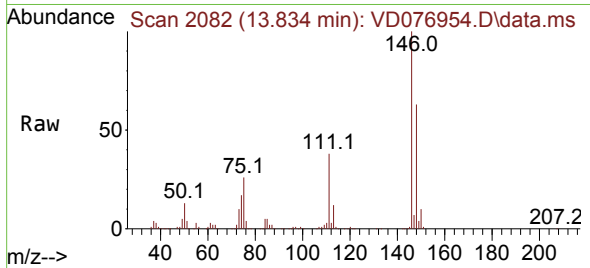




#91
1,2-Dichlorobenzene
Concen: 136.093 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

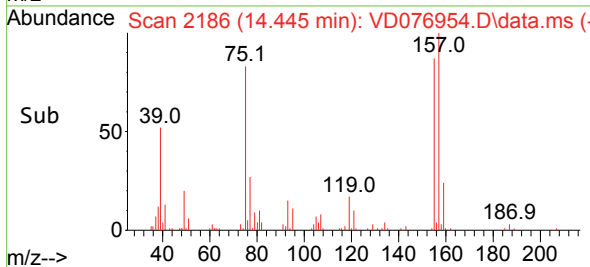
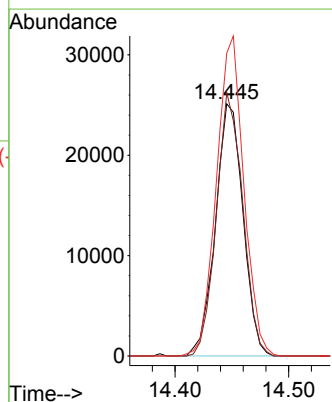
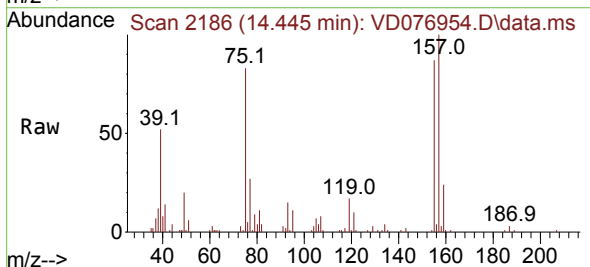
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

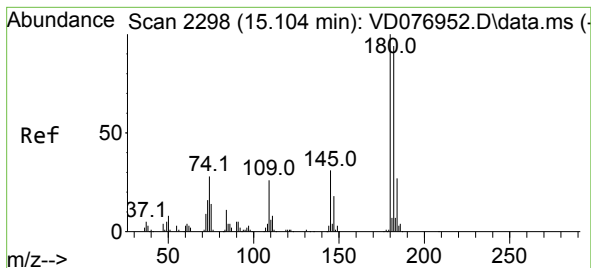
Tgt Ion:146 Resp: 654129
Ion Ratio Lower Upper
146 100
111 38.4 18.3 54.8
148 63.3 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 132.082 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076954.D
Acq: 08 Aug 2023 14:58

Tgt Ion: 75 Resp: 42383
Ion Ratio Lower Upper
75 100
155 99.7 47.9 143.8
157 126.0 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 140.792 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD076954.D

Acq: 08 Aug 2023 14:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

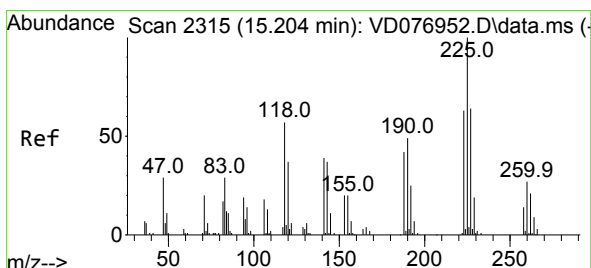
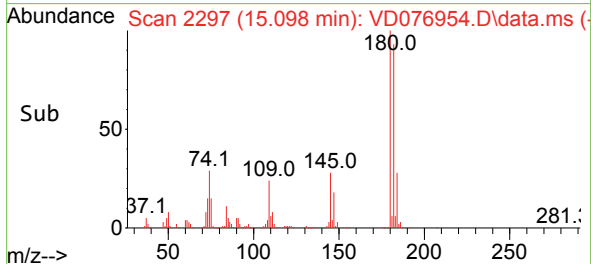
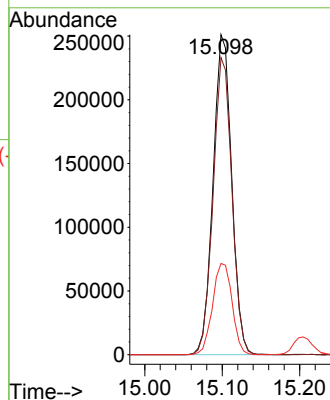
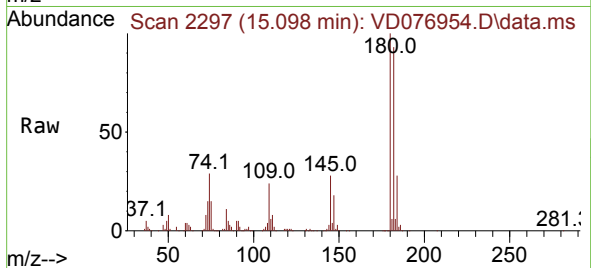
Tgt Ion:180 Resp: 418541

Ion Ratio Lower Upper

180 100

182 93.5 48.5 145.6

145 29.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 136.855 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076954.D

Acq: 08 Aug 2023 14:58

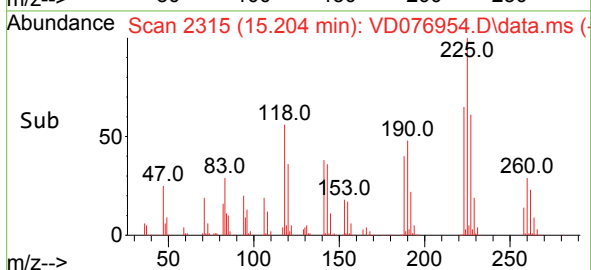
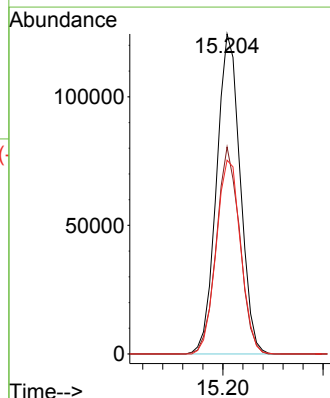
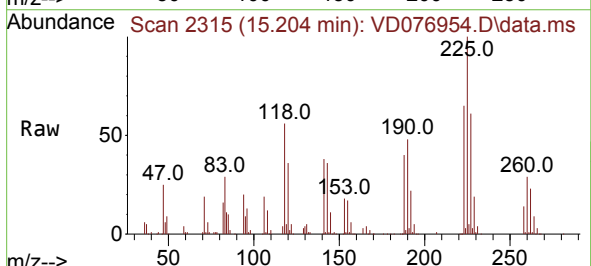
Tgt Ion:225 Resp: 203529

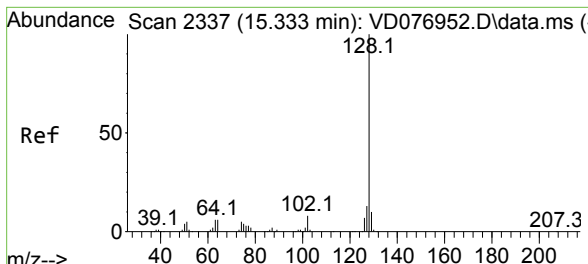
Ion Ratio Lower Upper

225 100

223 63.9 31.6 94.8

227 62.9 31.7 95.1

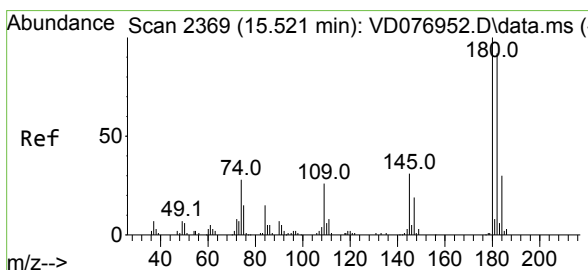
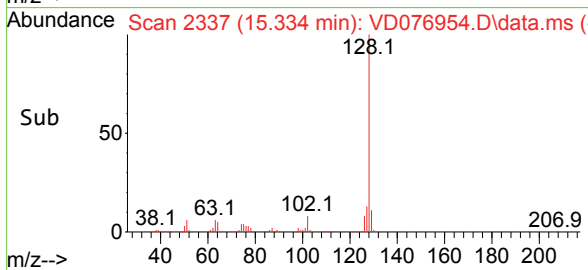
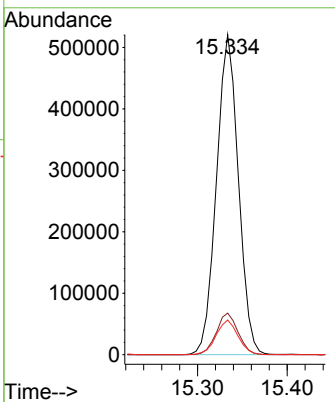
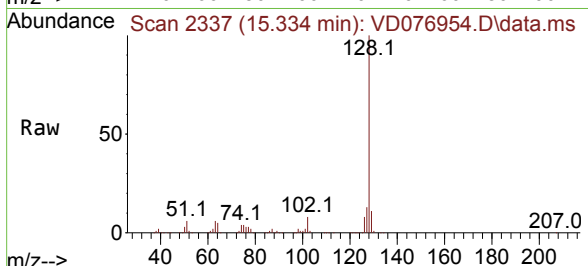




#95
 Naphthalene
 Concen: 146.074 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD076954.D
 Acq: 08 Aug 2023 14:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion:	128	Resp:	883185
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	10.9	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 140.686 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD076954.D
 Acq: 08 Aug 2023 14:58

Tgt Ion:	180	Resp:	372888
Ion Ratio	Lower	Upper	
180	100		
182	93.4	47.3	141.9
145	31.6	15.1	45.3

