

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071423\
 Data File : VD076742.D
 Acq On : 14 Jul 2023 15:57
 Operator : KP/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 17 04:52:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 04:42:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	164286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	313383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	284998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	129052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	9106	5.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.720%#
35) Dibromofluoromethane	7.799	113	10432	5.153	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.300%#
50) Toluene-d8	10.263	98	36113	5.010	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	10.020%#
62) 4-Bromofluorobenzene	12.575	95	11178	4.848	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.700%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	6104	4.658	ug/l	98
3) Chloromethane	2.146	50	12548	5.518	ug/l	98
4) Vinyl Chloride	2.276	62	15745	5.216	ug/l	89
5) Bromomethane	2.681	94	14235	5.857	ug/l	89
6) Chloroethane	2.828	64	12035	5.284	ug/l	98
7) Trichlorofluoromethane	3.170	101	13260	4.941	ug/l	88
8) Diethyl Ether	3.587	74	4472	4.820	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.952	101	8560	4.866	ug/l	97
10) Methyl Iodide	4.158	142	7656	3.926	ug/l	91
11) Tert butyl alcohol	5.046	59	1434	11.180	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	8341	5.050	ug/l #	89
13) Acrolein	3.805	56	2181	Below Cal		97
14) Allyl chloride	4.546	41	11262	5.265	ug/l	90
15) Acrylonitrile	5.246	53	11700	25.936	ug/l #	90
16) Acetone	4.022	43	11548	28.800	ug/l	89
17) Carbon Disulfide	4.264	76	18169	4.777	ug/l	97
18) Methyl Acetate	4.558	43	7737	5.166	ug/l	94
19) Methyl tert-butyl Ether	5.311	73	21409	4.877	ug/l #	88
20) Methylene Chloride	4.787	84	34872	7.142	ug/l	96
21) trans-1,2-Dichloroethene	5.299	96	9374	4.939	ug/l	96
22) Diisopropyl ether	6.222	45	25240	4.963	ug/l #	86
23) Vinyl Acetate	6.158	43	62174	24.760	ug/l	93
24) 1,1-Dichloroethane	6.105	63	17580	5.073	ug/l	94
25) 2-Butanone	7.081	43	13290	24.798	ug/l	88
26) 2,2-Dichloropropane	7.075	77	14794	4.928	ug/l	89
27) cis-1,2-Dichloroethene	7.081	96	11552	4.916	ug/l	88
29) Tetrahydrofuran	7.446	42	7981	25.422	ug/l	92
30) Chloroform	7.599	83	19811	5.266	ug/l #	79
31) Cyclohexane	7.875	56	14232	5.820	ug/l #	83
32) 1,1,1-Trichloroethane	7.793	97	14282	4.684	ug/l	94
36) 1,1-Dichloropropene	8.011	75	12016	4.675	ug/l	96
37) Ethyl Acetate	7.163	43	5463	4.702	ug/l #	89
38) Carbon Tetrachloride	7.993	117	10856	4.428	ug/l	85
39) Methylcyclohexane	9.269	83	13312	4.519	ug/l	91
40) Benzene	8.246	78	39797	4.875	ug/l	94
41) Methacrylonitrile	7.416	41	4208	5.979	ug/l #	17

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 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

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 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 04:42:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.316	62	10619	4.977	ug/l	97
43) Isopropyl Acetate	8.363	43	11497	5.104	ug/l #	81
44) Trichloroethene	9.022	130	10675	4.824	ug/l	92
45) 1,2-Dichloropropane	9.299	63	9968	4.746	ug/l	98
46) Dibromomethane	9.393	93	5749	4.618	ug/l	89
47) Bromodichloromethane	9.581	83	15343	4.973	ug/l #	96
48) Methyl methacrylate	9.375	41	5067	4.911	ug/l #	82
49) 1,4-Dioxane	9.381	88	1670	108.744	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	29001	24.096	ug/l	91
52) Toluene	10.334	92	25679	4.818	ug/l	90
53) t-1,3-Dichloropropene	10.557	75	13318	4.674	ug/l	90
54) cis-1,3-Dichloropropene	10.016	75	15486	4.573	ug/l #	78
55) 1,1,2-Trichloroethane	10.728	97	8716	4.817	ug/l #	90
56) Ethyl methacrylate	10.599	69	9019	4.375	ug/l #	75
57) 1,3-Dichloropropane	10.881	76	14463	4.936	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	20596	25.482	ug/l	97
59) 2-Hexanone	10.922	43	21058	24.447	ug/l	90
60) Dibromochloromethane	11.075	129	9764	4.676	ug/l	91
61) 1,2-Dibromoethane	11.175	107	7964	4.733	ug/l	99
64) Tetrachloroethene	10.810	164	7724	4.794	ug/l	95
65) Chlorobenzene	11.610	112	27515	4.777	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.681	131	10233	4.757	ug/l	95
67) Ethyl Benzene	11.681	91	46160	4.608	ug/l	97
68) m/p-Xylenes	11.793	106	33741	8.763	ug/l	86
69) o-Xylene	12.116	106	16785	4.566	ug/l	87
70) Styrene	12.134	104	28743	4.481	ug/l	96
71) Bromoform	12.304	173	5250	4.504	ug/l #	98
73) Isopropylbenzene	12.422	105	45433	4.926	ug/l	94
74) N-amyl acetate	12.234	43	10406	5.318	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.669	83	10594	5.283	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	12226	10.644	ug/l #	100
77) Bromobenzene	12.698	156	10636	4.938	ug/l	86
78) n-propylbenzene	12.763	91	53417	4.758	ug/l	95
79) 2-Chlorotoluene	12.851	91	29947	4.817	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	34084	4.530	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	2596	4.546	ug/l	95
82) 4-Chlorotoluene	12.946	91	30363	4.655	ug/l	99
83) tert-Butylbenzene	13.169	119	28864	4.357	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	34826	4.549	ug/l	94
85) sec-Butylbenzene	13.345	105	45939	4.522	ug/l	97
86) p-Isopropyltoluene	13.463	119	35479	4.253	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	20611	4.618	ug/l	95
88) 1,4-Dichlorobenzene	13.540	146	21541	4.875	ug/l	87
89) n-Butylbenzene	13.787	91	37378	4.594	ug/l	95
90) Hexachloroethane	14.051	117	6886	4.404	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	19623	4.995	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1724	5.932	ug/l	81
93) 1,2,4-Trichlorobenzene	15.092	180	11843	4.907	ug/l	93
94) Hexachlorobutadiene	15.198	225	6041	5.237	ug/l	88
95) Naphthalene	15.328	128	24618	4.821	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	10995	5.152	ug/l	94

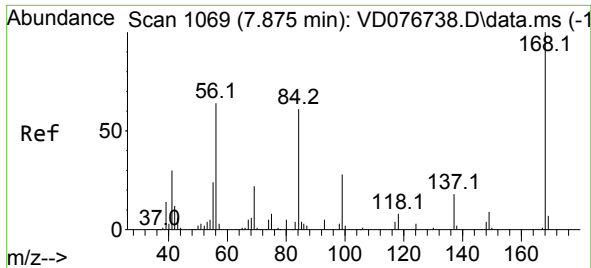
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071423\
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Acq On : 14 Jul 2023 15:57
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

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Response via : Initial Calibration

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

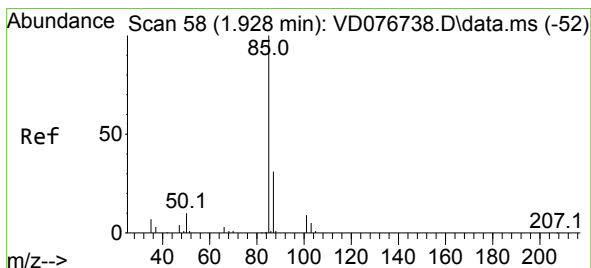
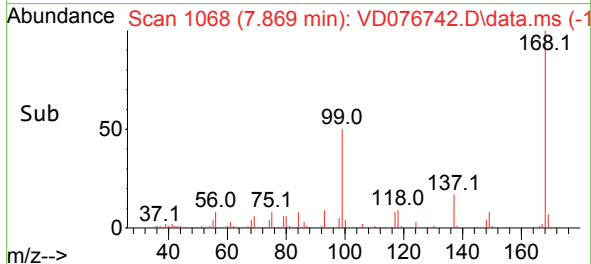
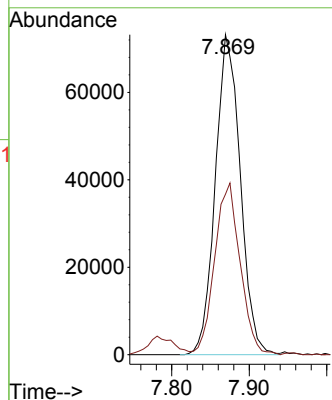
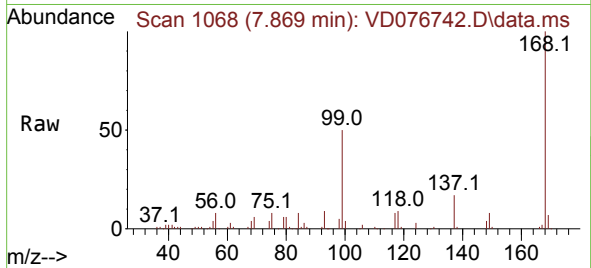
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

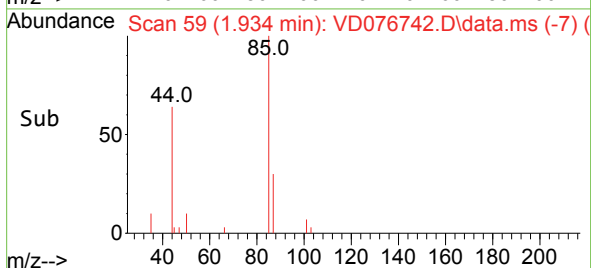
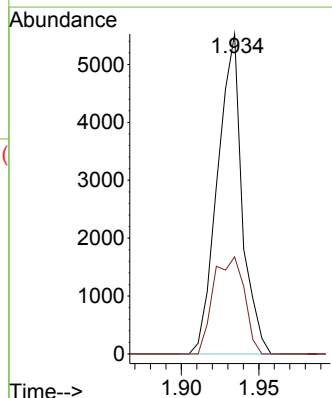
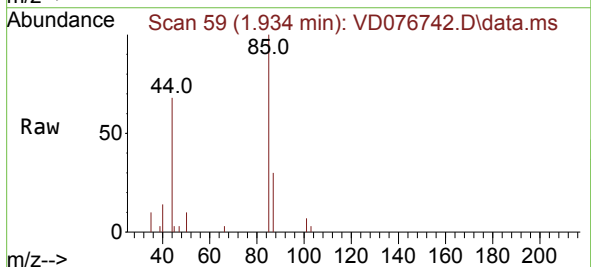
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:168 Resp: 164286
Ion Ratio Lower Upper
168 100
99 50.1 36.7 55.1

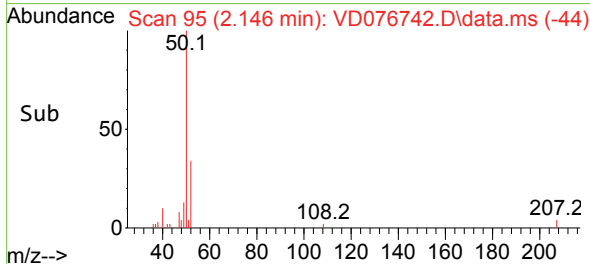
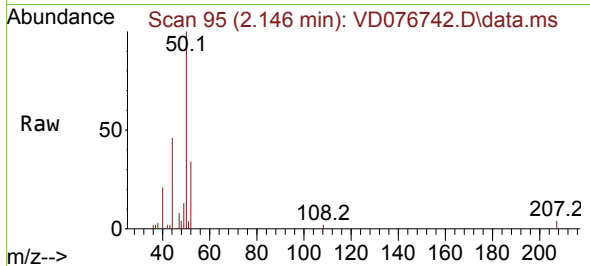
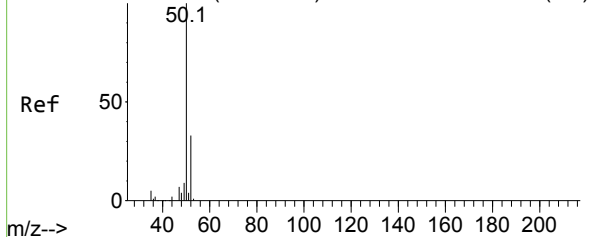


#2
Dichlorodifluoromethane
Concen: 4.658 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 85 Resp: 6104
Ion Ratio Lower Upper
85 100
87 30.4 15.7 47.0



Abundance Scan 95 (2.146 min): VD076738.D\data.ms (-88)



#3

Chloromethane

Concen: 5.518 ug/l

RT: 2.146 min Scan# 95

Delta R.T. 0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

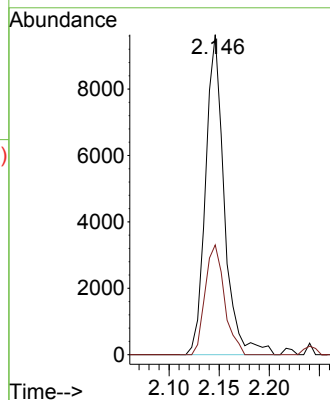
VSTDICC005

Tgt Ion: 50 Resp: 12548

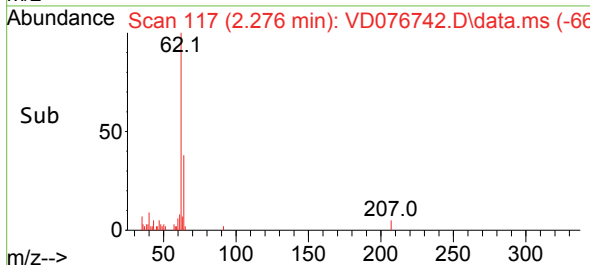
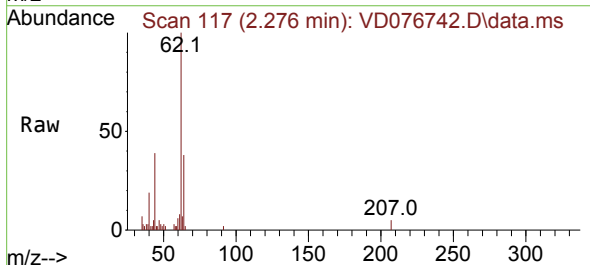
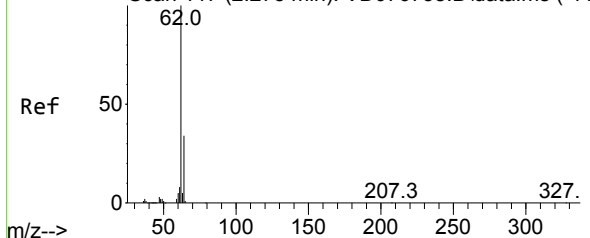
Ion Ratio Lower Upper

50 100

52 34.3 26.6 40.0



Abundance Scan 117 (2.275 min): VD076738.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 5.216 ug/l

RT: 2.276 min Scan# 117

Delta R.T. 0.000 min

Lab File: VD076742.D

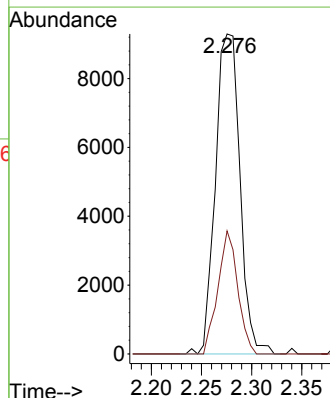
Acq: 14 Jul 2023 15:57

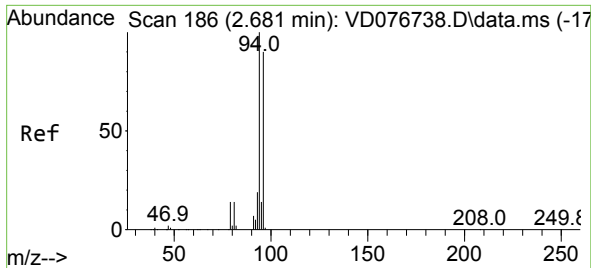
Tgt Ion: 62 Resp: 15745

Ion Ratio Lower Upper

62 100

64 38.5 26.0 39.0

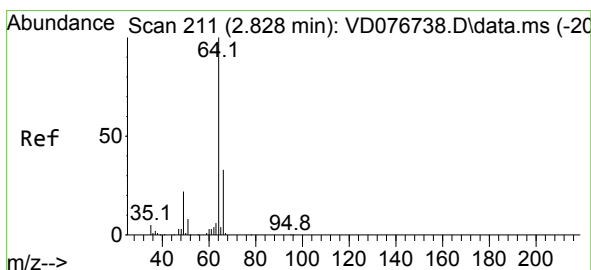
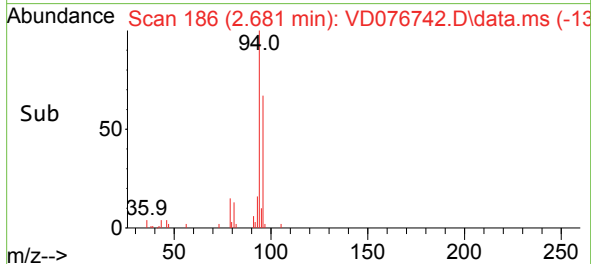
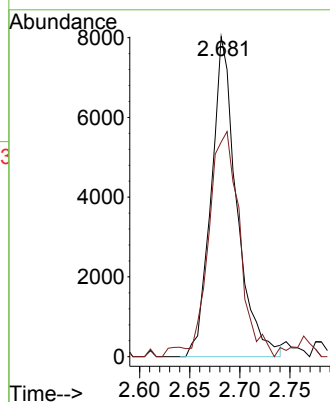
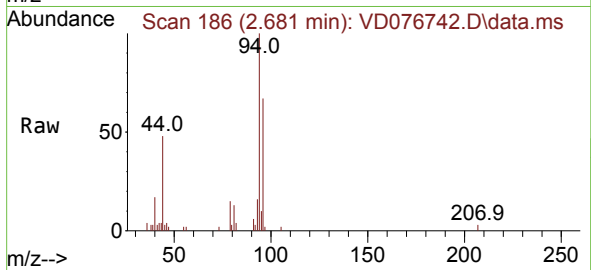




#5
Bromomethane
Concen: 5.857 ug/l
RT: 2.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

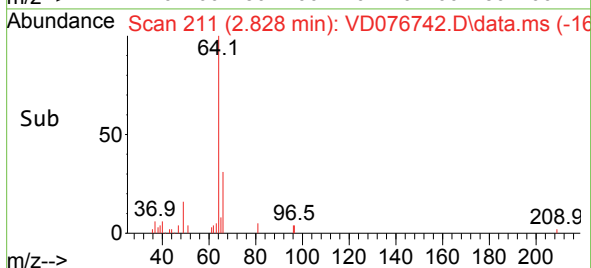
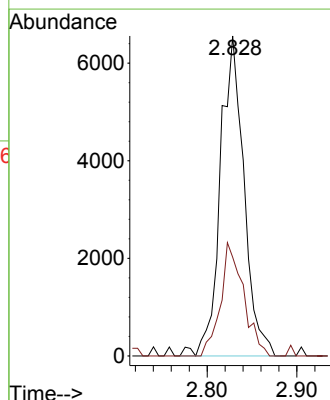
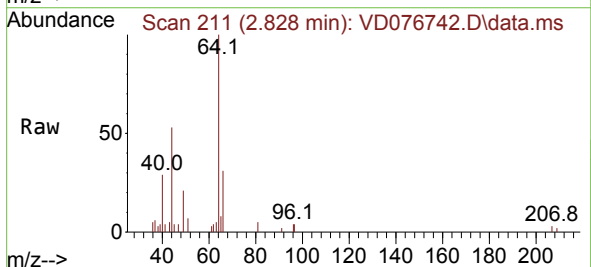
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

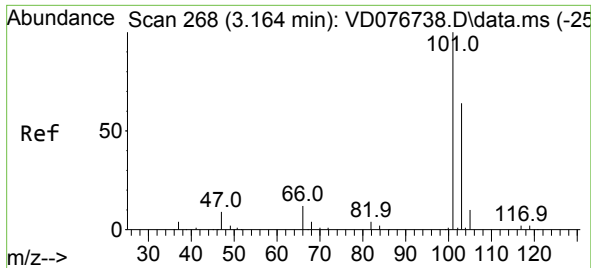
Tgt Ion: 94 Resp: 14235
Ion Ratio Lower Upper
94 100
96 83.8 75.8 113.8



#6
Chloroethane
Concen: 5.284 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 64 Resp: 12035
Ion Ratio Lower Upper
64 100
66 30.8 25.5 38.3

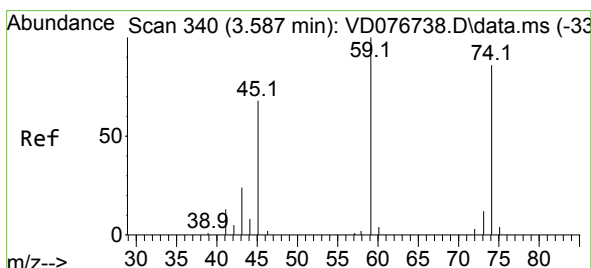
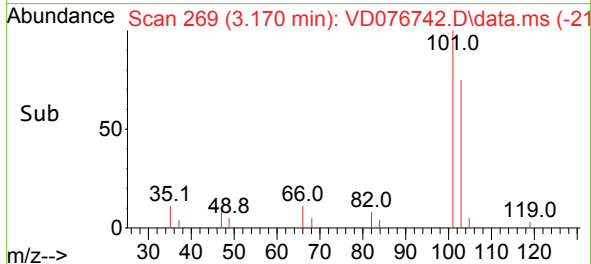
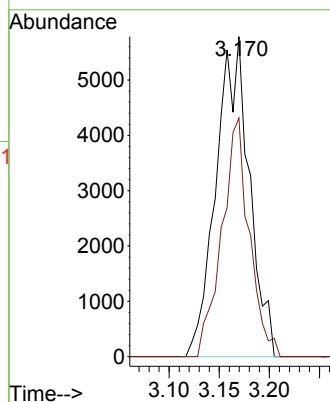
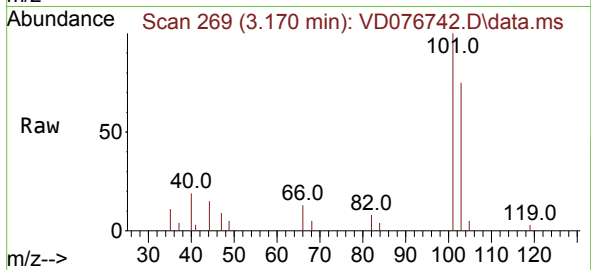




#7
 Trichlorofluoromethane
 Concen: 4.941 ug/l
 RT: 3.170 min Scan# 2
 Delta R.T. 0.006 min
 Lab File: VD076742.D
 Acq: 14 Jul 2023 15:57

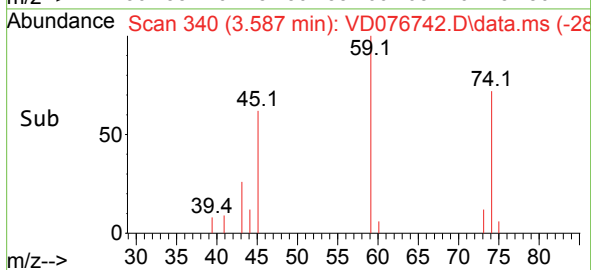
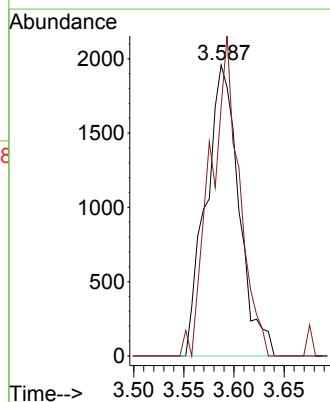
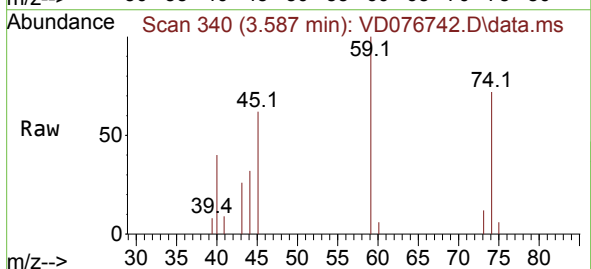
Instrument :
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 ClientSampleId :
 VSTDIC005

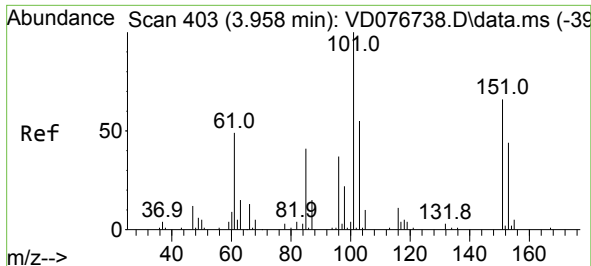
Tgt Ion:101 Resp: 13260
 Ion Ratio Lower Upper
 101 100
 103 74.5 52.3 78.5



#8
 Diethyl Ether
 Concen: 4.820 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD076742.D
 Acq: 14 Jul 2023 15:57

Tgt Ion: 74 Resp: 4472
 Ion Ratio Lower Upper
 74 100
 45 97.1 37.5 112.7

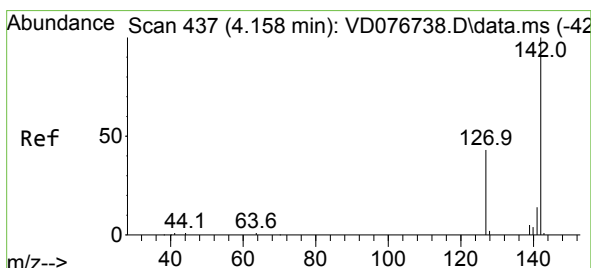
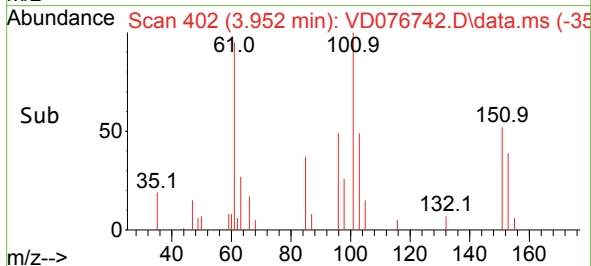
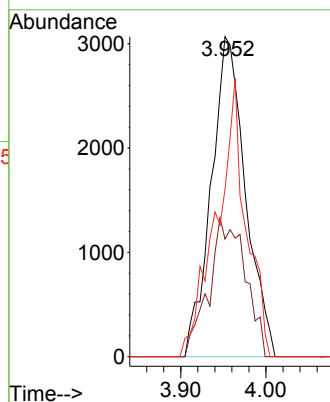
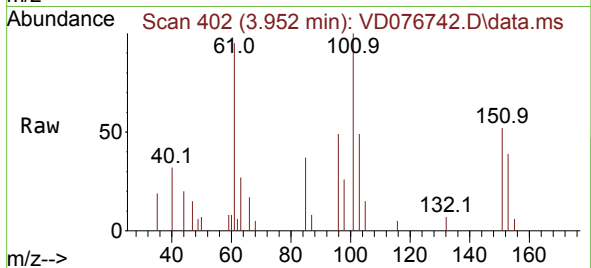




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.866 ug/l
RT: 3.952 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

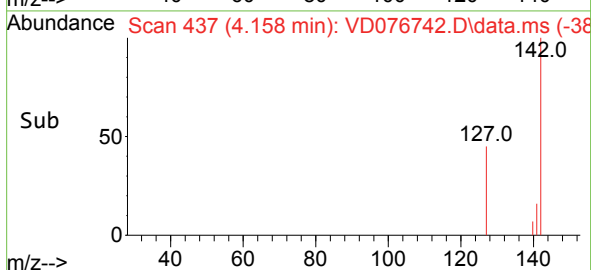
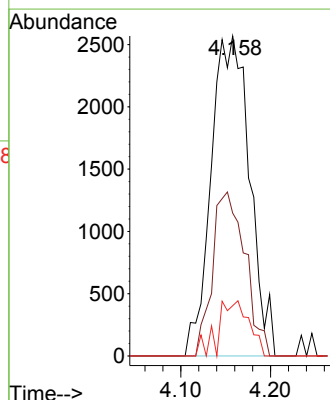
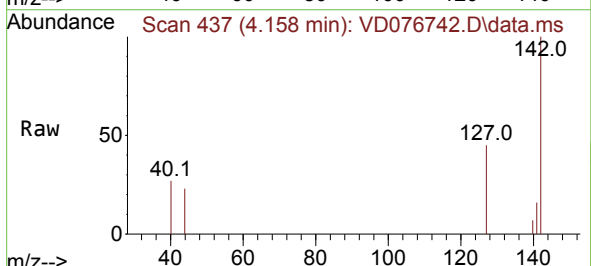
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

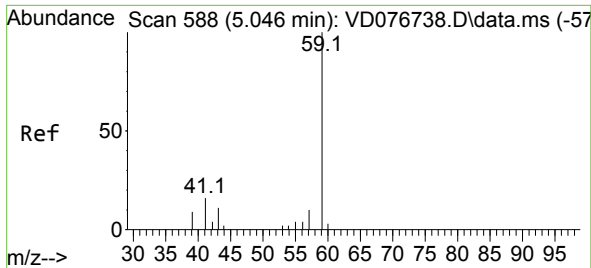
Tgt Ion:101	Resp:	8560
Ion Ratio	Lower	Upper
101	100	
85	46.1	33.8 50.6
151	75.3	59.8 89.6



#10
Methyl Iodide
Concen: 3.926 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion:142	Resp:	7656
Ion Ratio	Lower	Upper
142	100	
127	43.5	29.4 44.0
141	13.1	11.1 16.7





#11

Tert butyl alcohol

Concen: 11.180 ug/l

RT: 5.046 min Scan# 588

Delta R.T. 0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

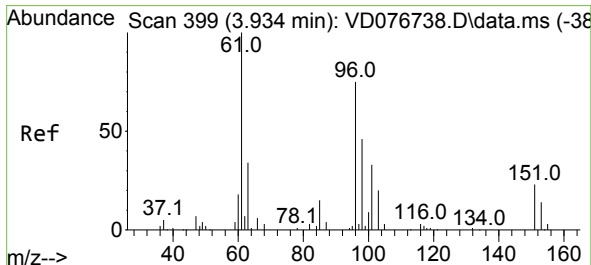
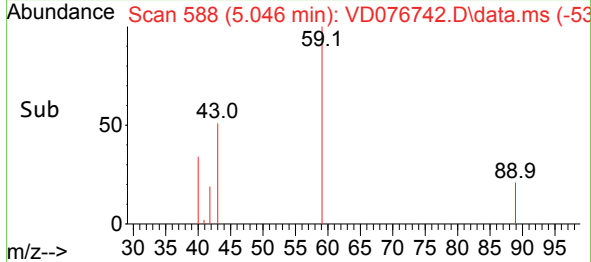
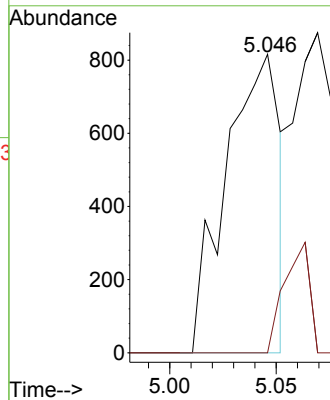
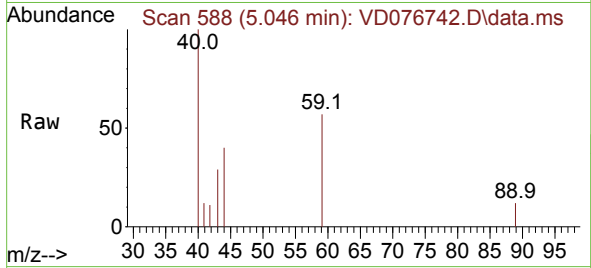
VSTDIC005

Tgt Ion: 59 Resp: 1434

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 5.050 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

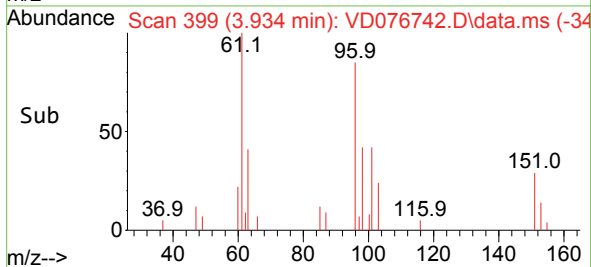
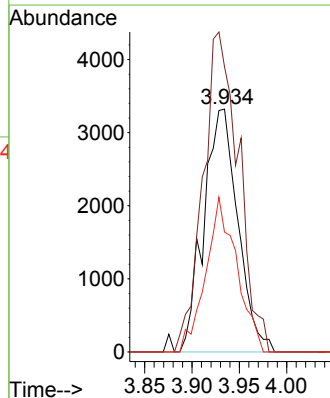
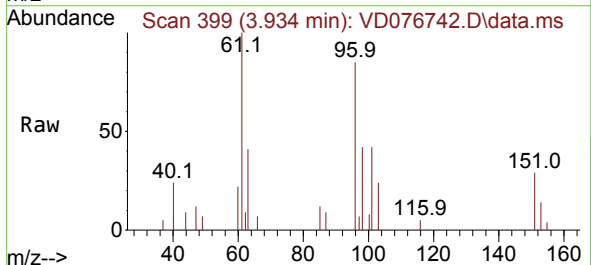
Tgt Ion: 96 Resp: 8341

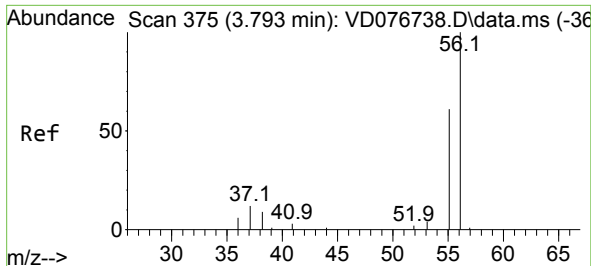
Ion Ratio Lower Upper

96 100

61 117.4 100.6 150.8

98 49.4 50.2 75.2#

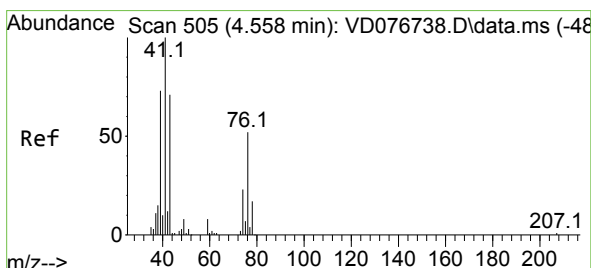
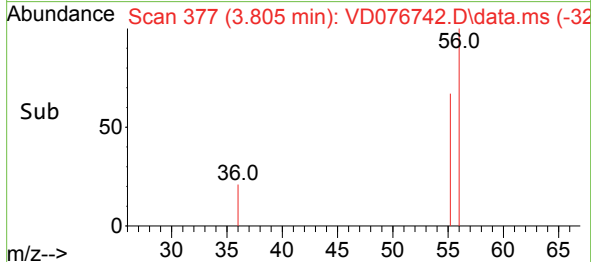
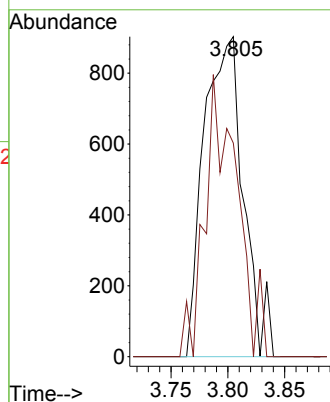
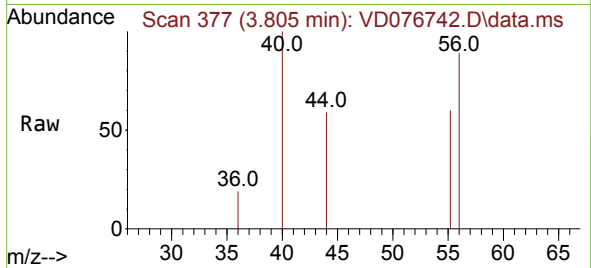




#13
Acrolein
Concen: Below Cal
RT: 3.805 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

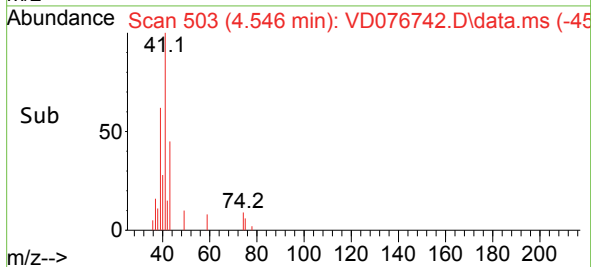
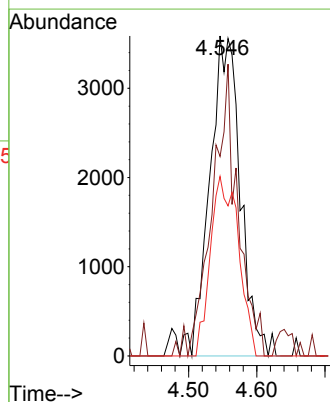
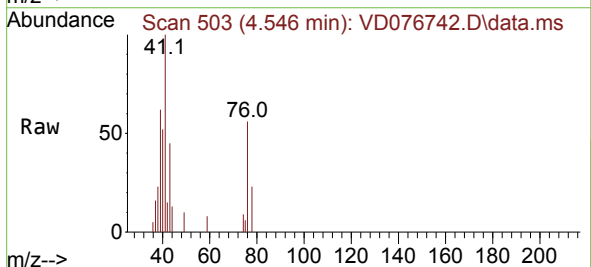
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

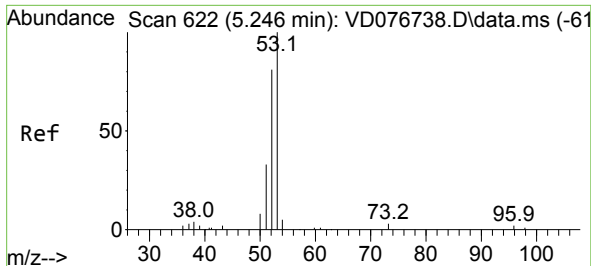
Tgt Ion: 56 Resp: 2181
Ion Ratio Lower Upper
56 100
55 71.3 55.1 82.7



#14
Allyl chloride
Concen: 5.265 ug/l
RT: 4.546 min Scan# 503
Delta R.T. -0.012 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 41 Resp: 11262
Ion Ratio Lower Upper
41 100
39 76.2 53.8 80.6
76 51.2 45.8 68.8

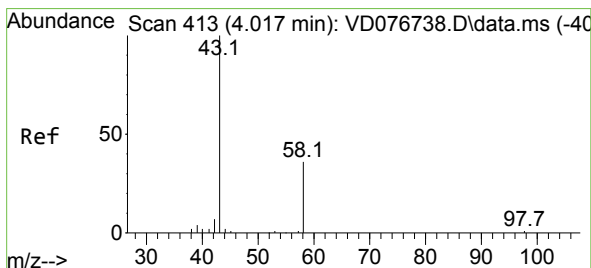
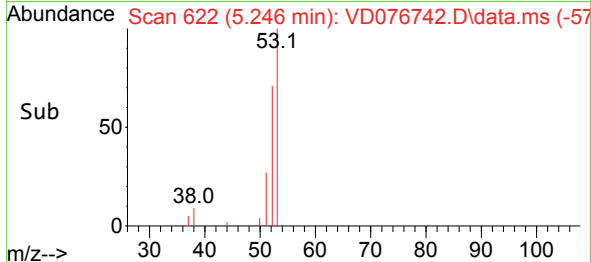
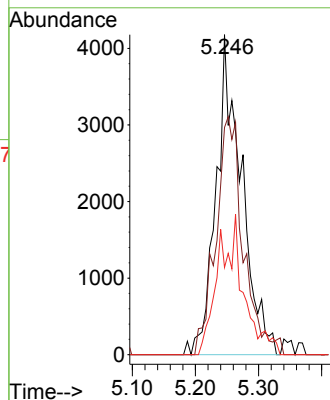
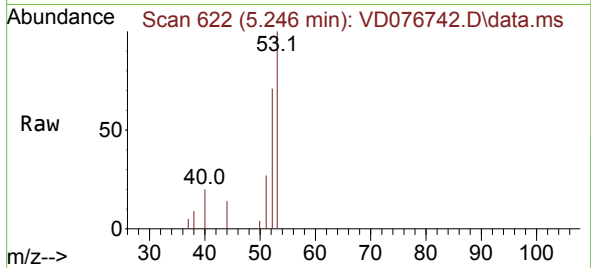




#15
Acrylonitrile
Concen: 25.936 ug/l
RT: 5.246 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

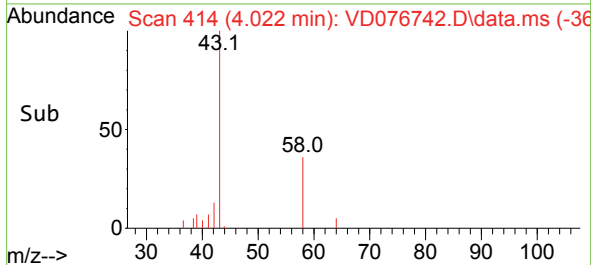
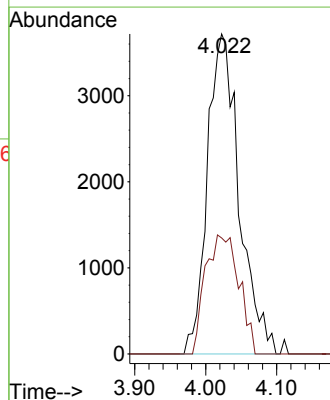
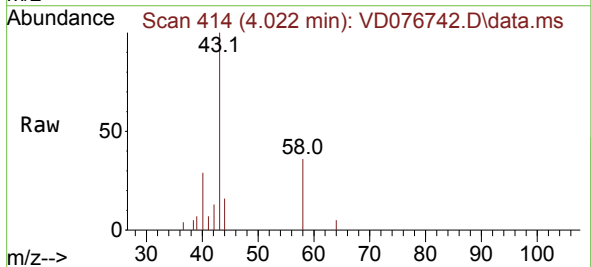
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

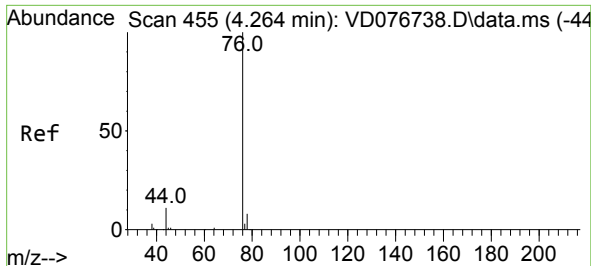
Tgt Ion: 53 Resp: 11700
Ion Ratio Lower Upper
53 100
52 80.3 65.0 97.4
51 16.7 28.3 42.5#



#16
Acetone
Concen: 28.800 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 43 Resp: 11548
Ion Ratio Lower Upper
43 100
58 36.3 34.7 52.1

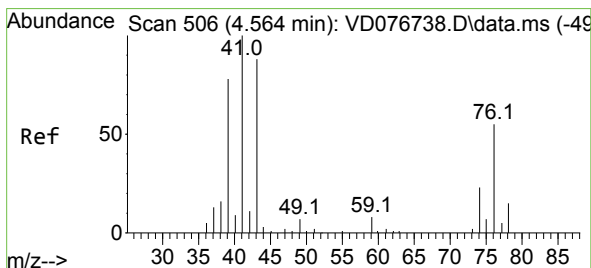
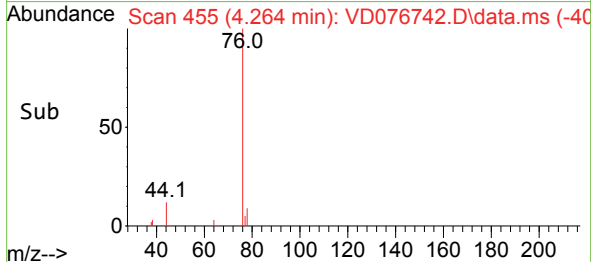
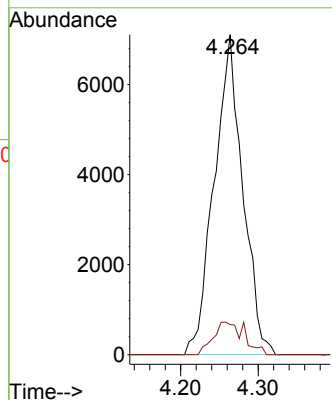
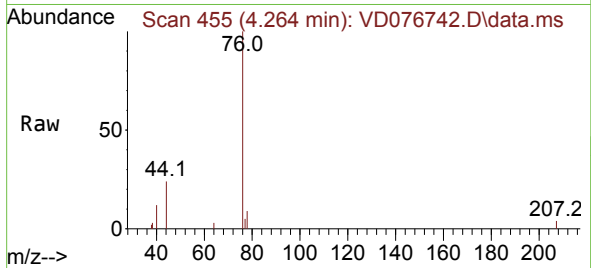




#17
Carbon Disulfide
Concen: 4.777 ug/l
RT: 4.264 min Scan# 411
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

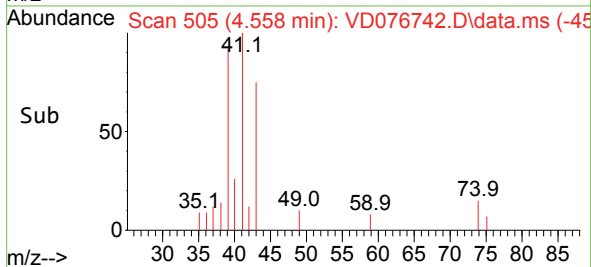
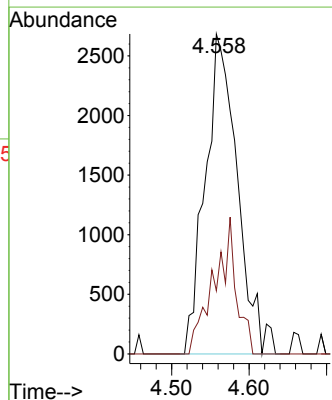
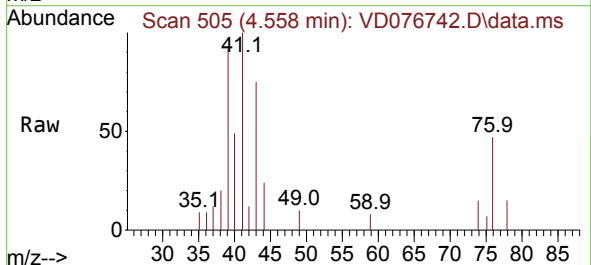
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

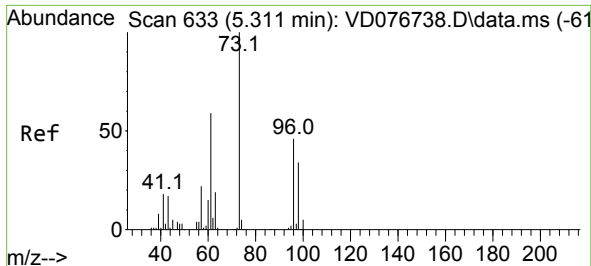
Tgt Ion: 76 Resp: 18169
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 5.166 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 43 Resp: 7737
Ion Ratio Lower Upper
43 100
74 29.5 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 4.877 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

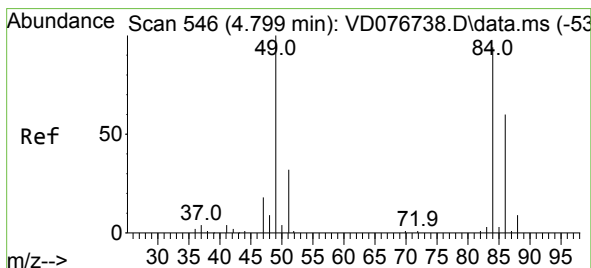
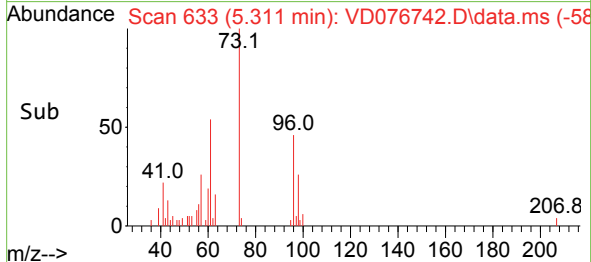
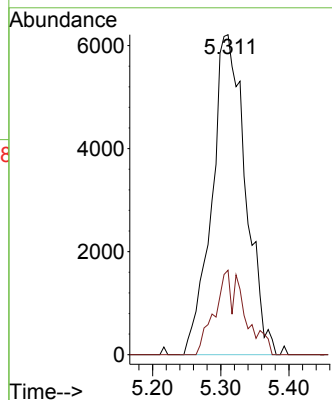
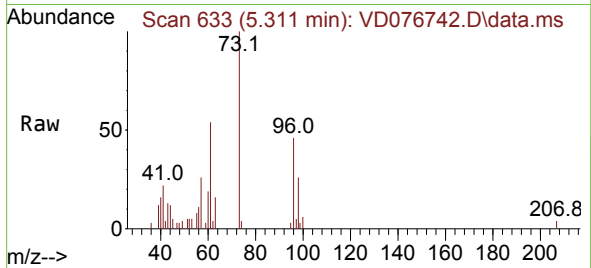
VSTDIC005

Tgt Ion: 73 Resp: 21409

Ion Ratio Lower Upper

73 100

57 26.4 16.6 25.0#



#20

Methylene Chloride

Concen: 7.142 ug/l

RT: 4.787 min Scan# 544

Delta R.T. -0.012 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Tgt Ion: 84 Resp: 34872

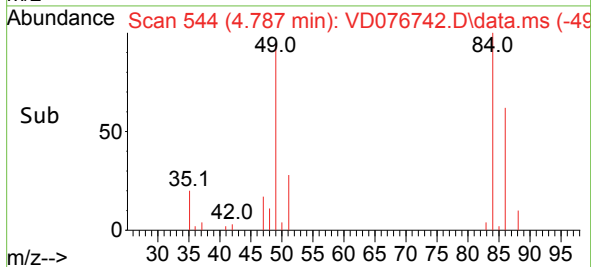
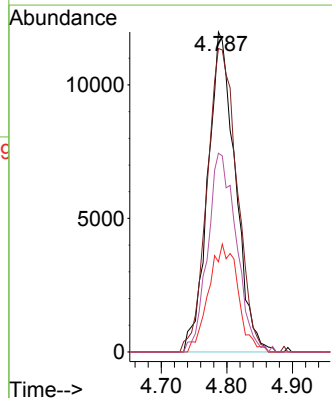
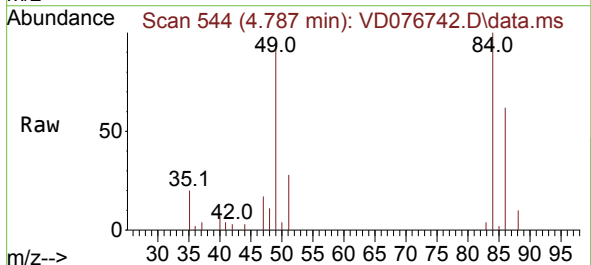
Ion Ratio Lower Upper

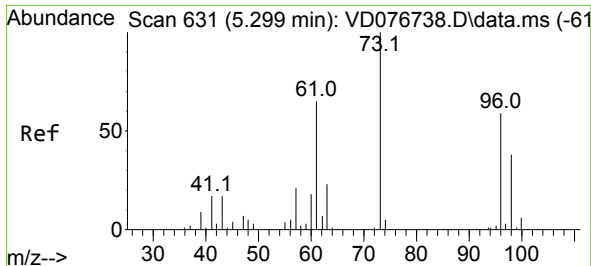
84 100

49 94.8 71.4 107.2

51 28.2 24.5 36.7

86 62.1 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 4.939 ug/l

RT: 5.299 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

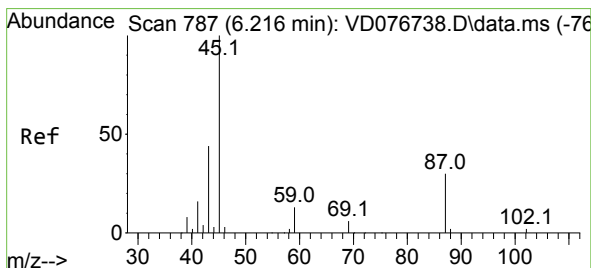
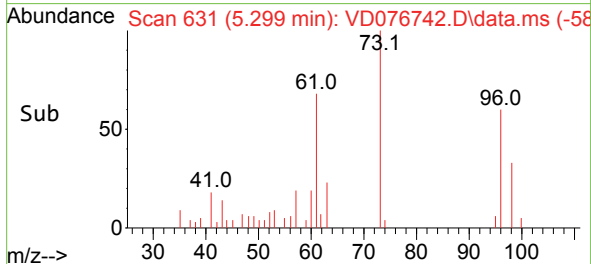
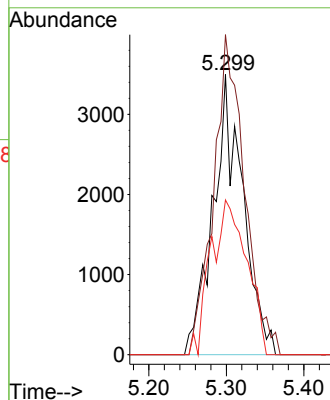
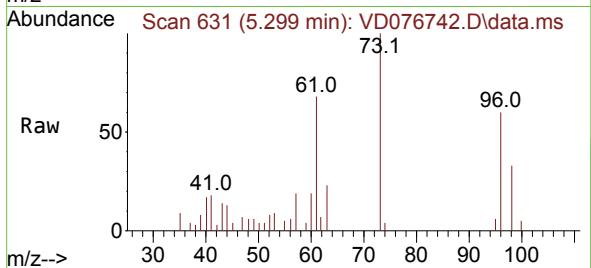
Tgt Ion: 96 Resp: 9374

Ion Ratio Lower Upper

96 100

61 114.2 89.3 133.9

98 55.2 48.6 73.0



#22

Diisopropyl ether

Concen: 4.963 ug/l

RT: 6.222 min Scan# 788

Delta R.T. 0.006 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Tgt Ion: 45 Resp: 25240

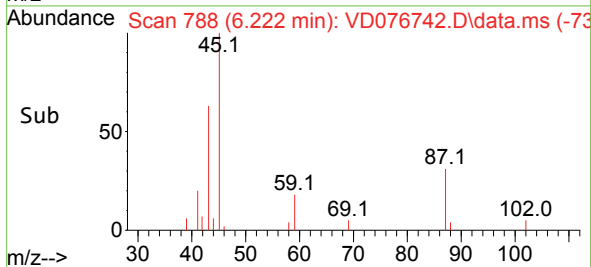
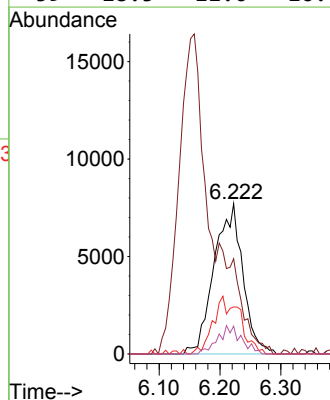
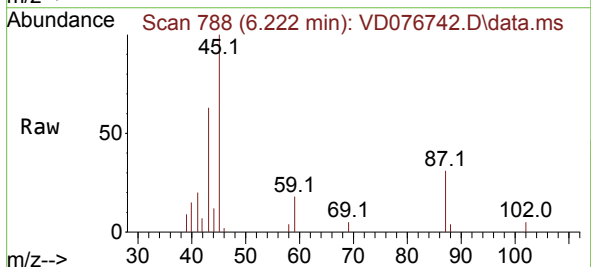
Ion Ratio Lower Upper

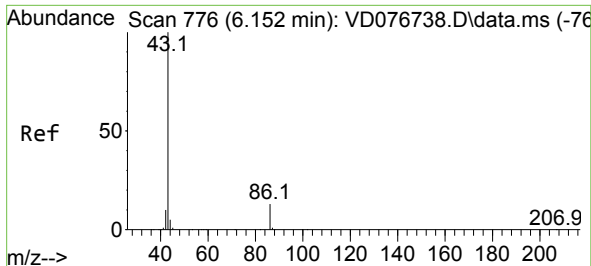
45 100

43 63.4 40.0 60.0#

87 31.3 28.2 42.4

59 18.5 11.0 16.4#

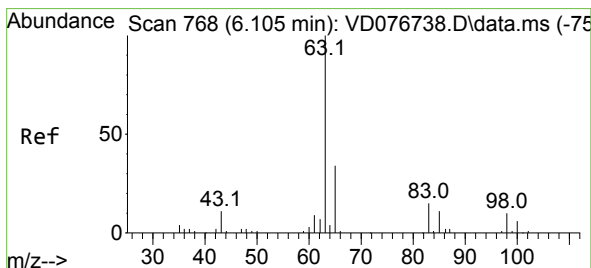
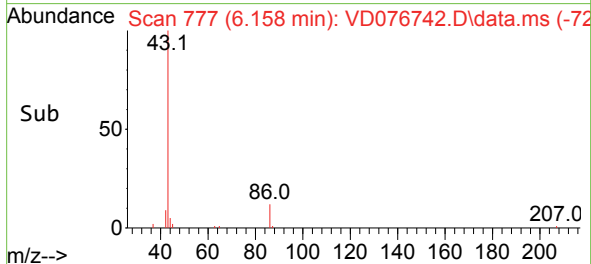
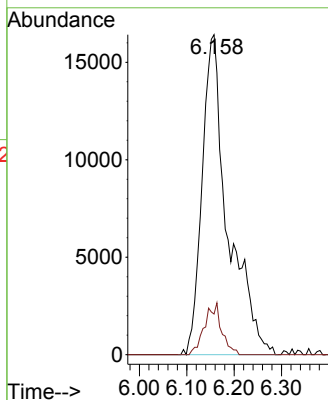
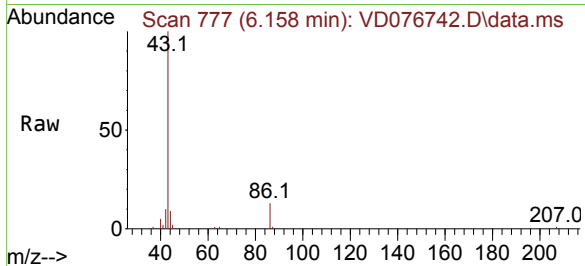




#23
 Vinyl Acetate
 Concen: 24.760 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD076742.D
 Acq: 14 Jul 2023 15:57

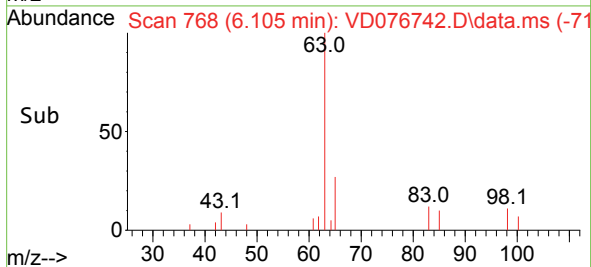
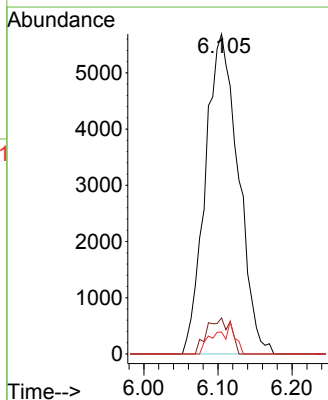
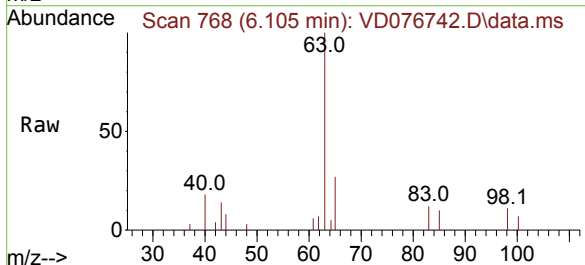
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

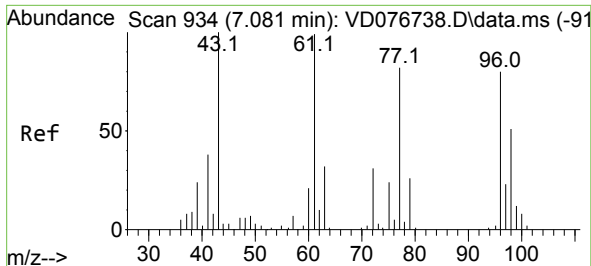
Tgt Ion: 43 Resp: 62174
 Ion Ratio Lower Upper
 43 100
 86 12.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 5.073 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD076742.D
 Acq: 14 Jul 2023 15:57

Tgt Ion: 63 Resp: 17580
 Ion Ratio Lower Upper
 63 100
 98 11.3 4.5 13.7
 100 6.8 2.5 7.5





#25

2-Butanone

Concen: 24.798 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

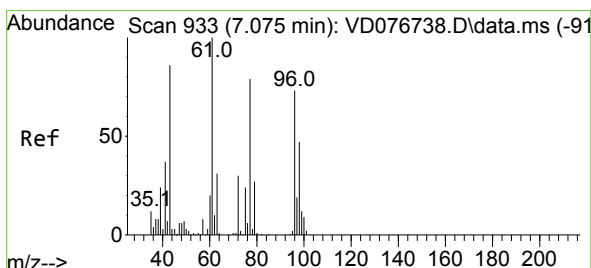
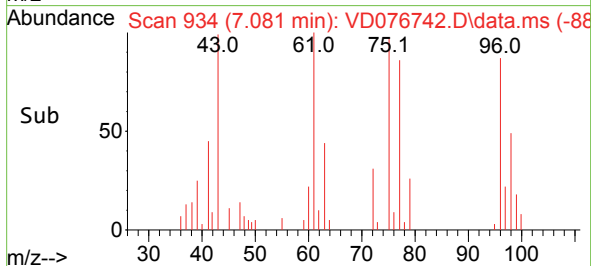
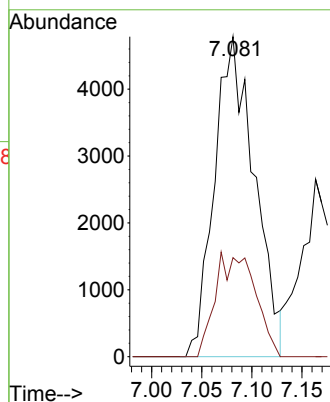
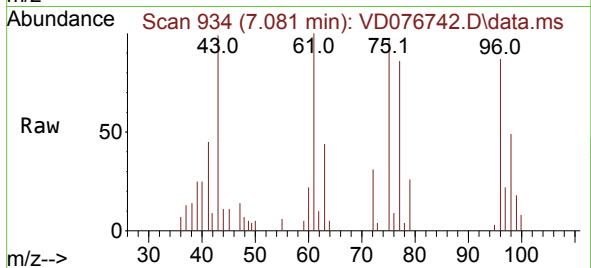
VSTDIC005

Tgt Ion: 43 Resp: 13290

Ion Ratio Lower Upper

43 100

72 31.0 30.7 46.1



#26

2,2-Dichloropropane

Concen: 4.928 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076742.D

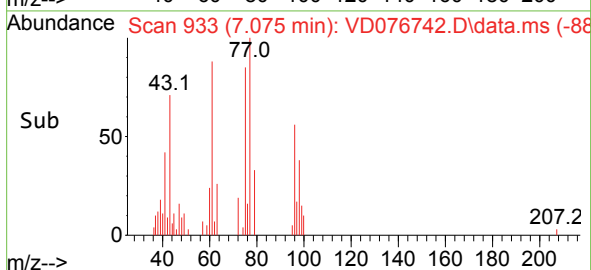
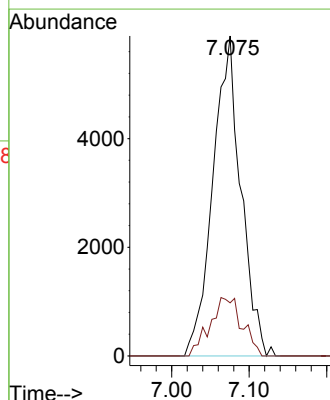
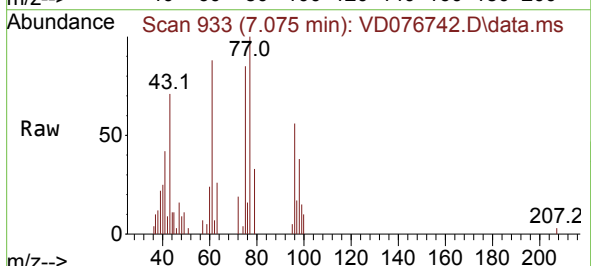
Acq: 14 Jul 2023 15:57

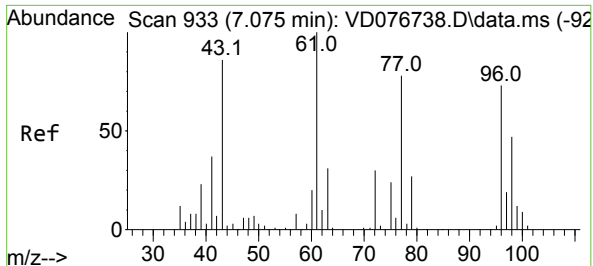
Tgt Ion: 77 Resp: 14794

Ion Ratio Lower Upper

77 100

97 21.0 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 4.916 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

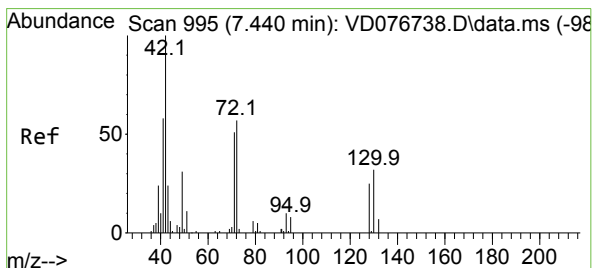
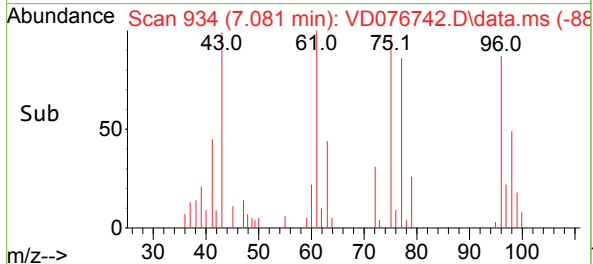
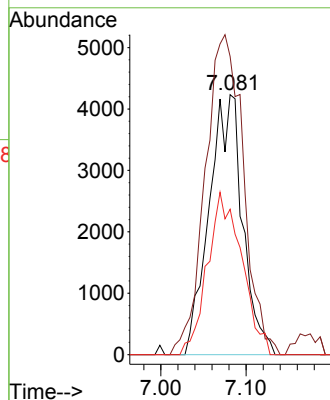
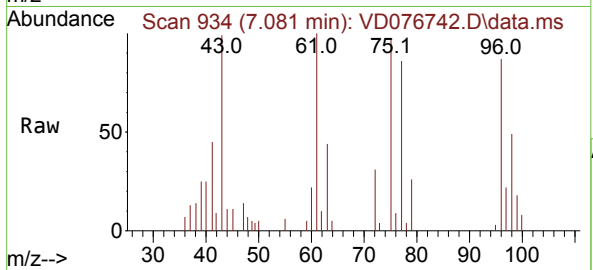
Tgt Ion: 96 Resp: 11552

Ion Ratio Lower Upper

96 100

61 140.3 0.0 239.2

98 64.1 0.0 128.6



#29

Tetrahydrofuran

Concen: 25.422 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

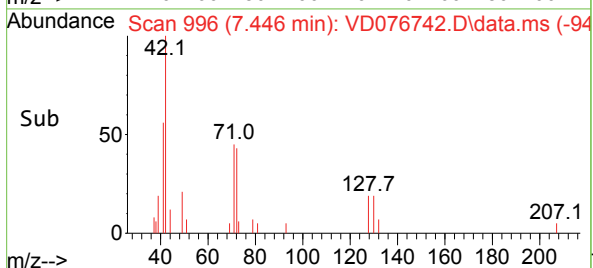
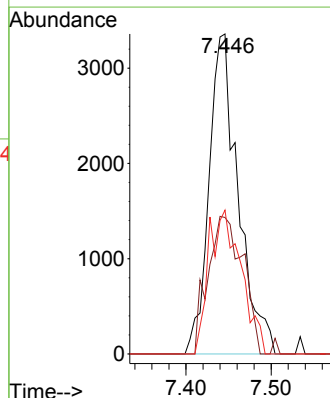
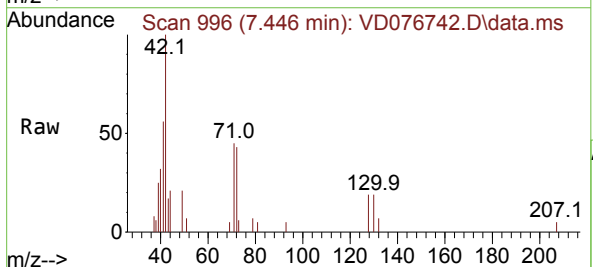
Tgt Ion: 42 Resp: 7981

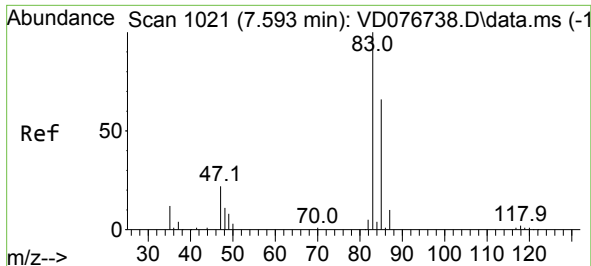
Ion Ratio Lower Upper

42 100

72 51.7 46.5 69.7

71 49.9 44.5 66.7

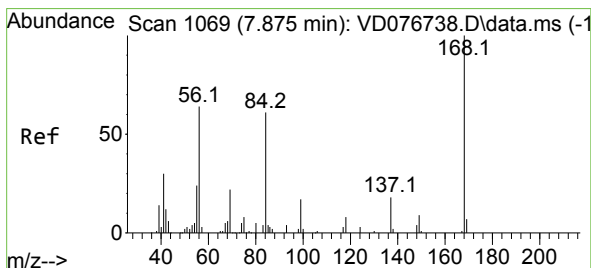
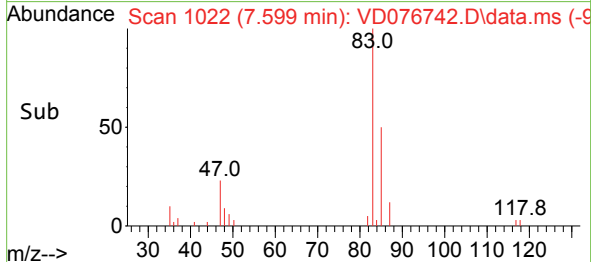
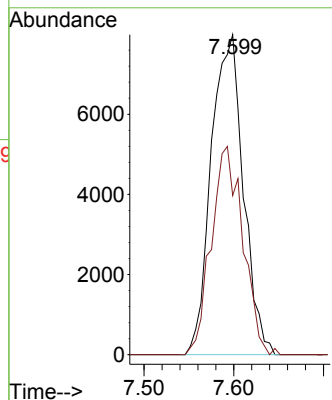
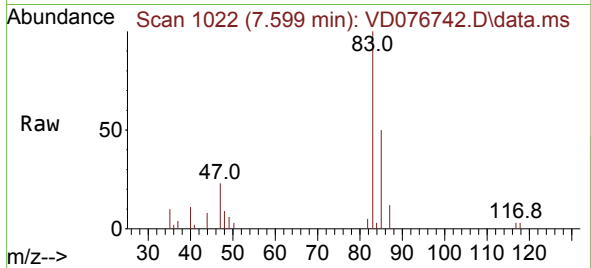




#30
Chloroform
Concen: 5.266 ug/l
RT: 7.599 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

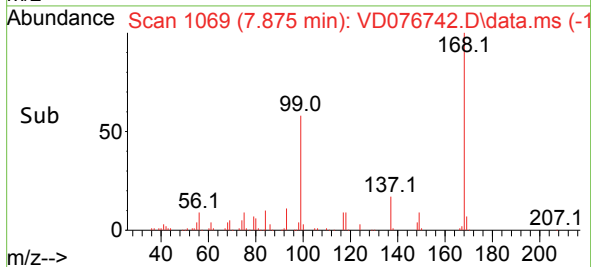
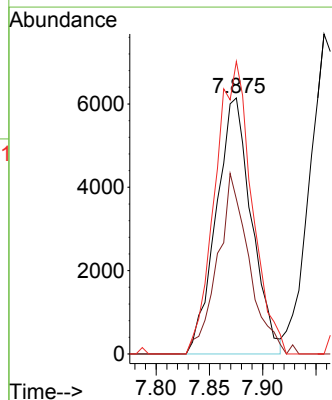
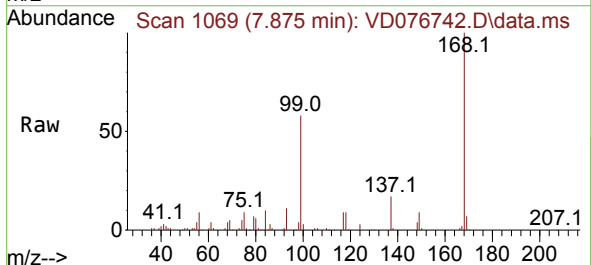
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

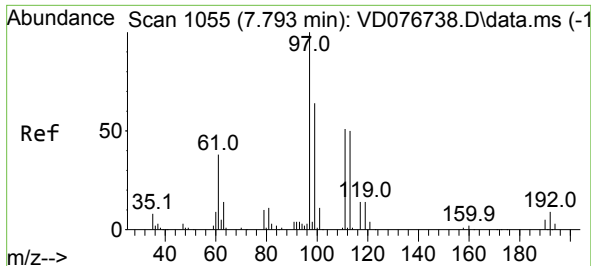
Tgt Ion: 83 Resp: 19811
Ion Ratio Lower Upper
83 100
85 49.8 53.4 80.2#



#31
Cyclohexane
Concen: 5.820 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 56 Resp: 14232
Ion Ratio Lower Upper
56 100
69 60.5 28.6 43.0#
84 114.2 84.8 127.2





#32

1,1,1-Trichloroethane

Concen: 4.684 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

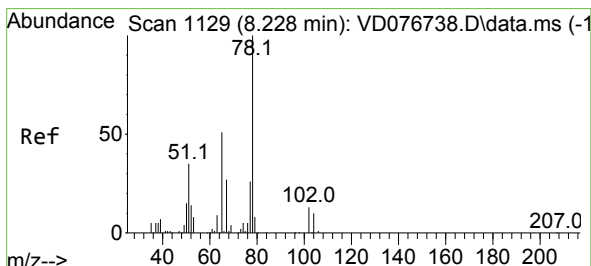
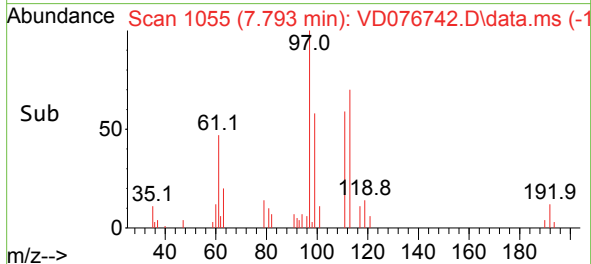
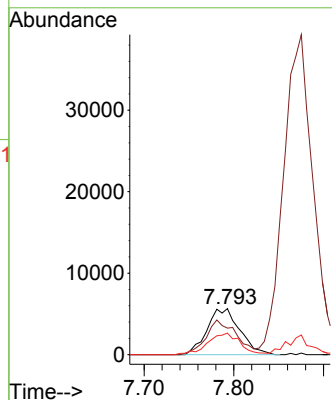
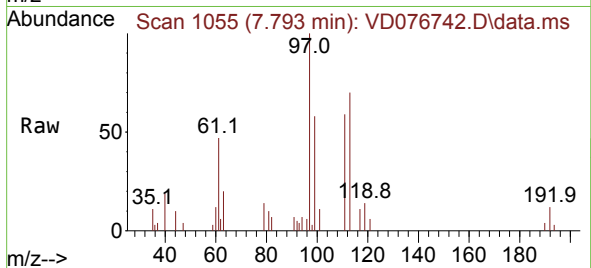
Tgt Ion: 97 Resp: 14282

Ion Ratio Lower Upper

97 100

99 69.2 52.0 78.0

61 46.1 33.8 50.8



#33

1,2-Dichloroethane-d4

Concen: 5.364 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD076742.D

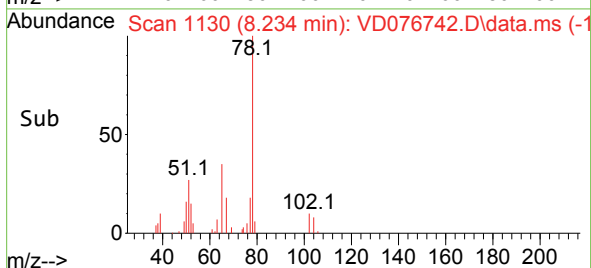
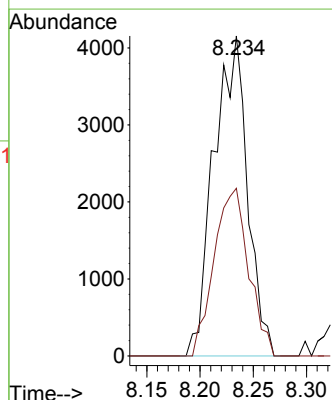
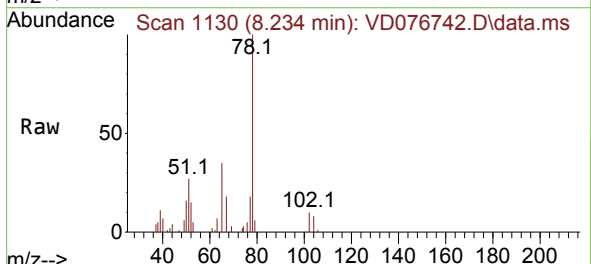
Acq: 14 Jul 2023 15:57

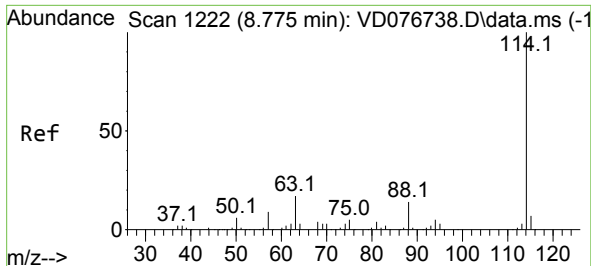
Tgt Ion: 65 Resp: 9106

Ion Ratio Lower Upper

65 100

67 53.9 0.0 115.0

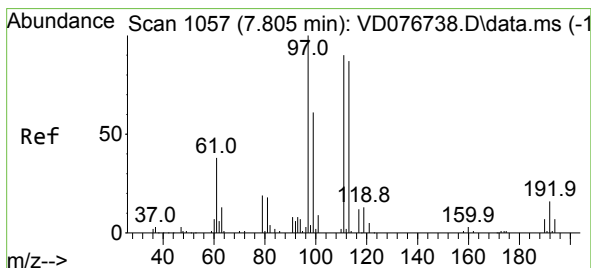
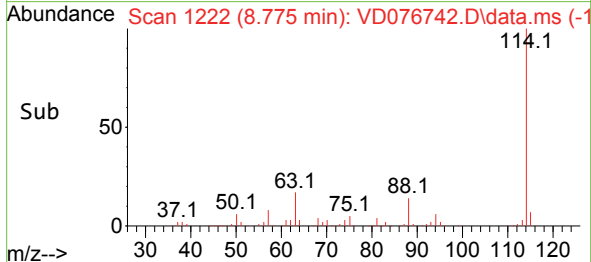
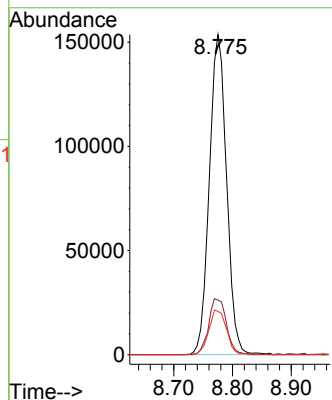
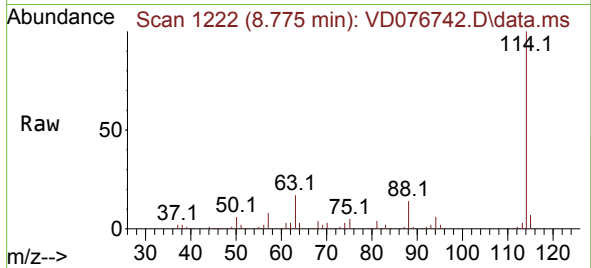




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

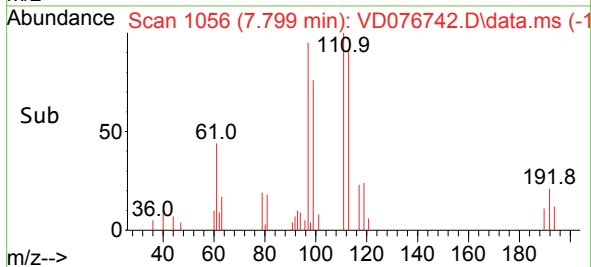
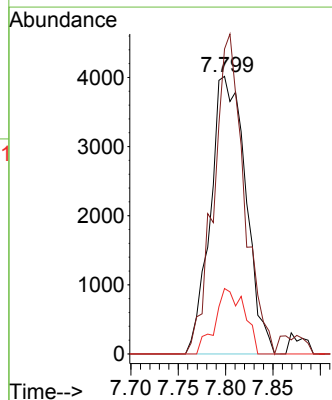
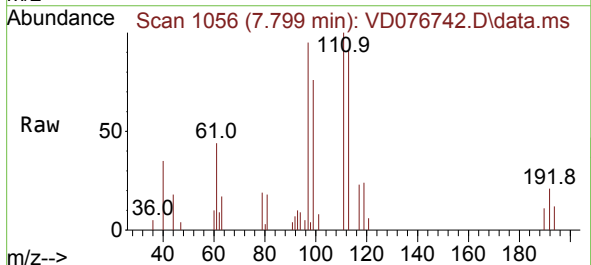
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

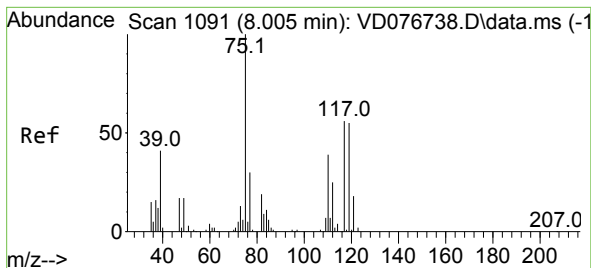
Tgt Ion:114 Resp: 313383
Ion Ratio Lower Upper
114 100
63 17.1 0.0 33.4
88 13.5 0.0 26.2



#35
Dibromofluoromethane
Concen: 5.153 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion:113 Resp: 10432
Ion Ratio Lower Upper
113 100
111 98.5 84.7 127.1
192 19.5 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.675 ug/l

RT: 8.011 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

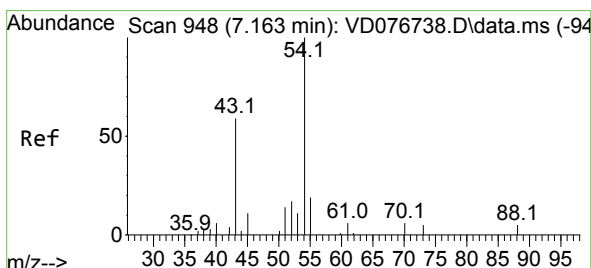
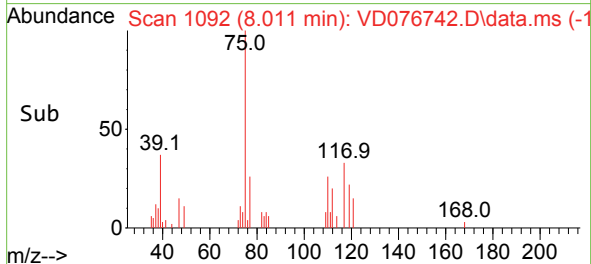
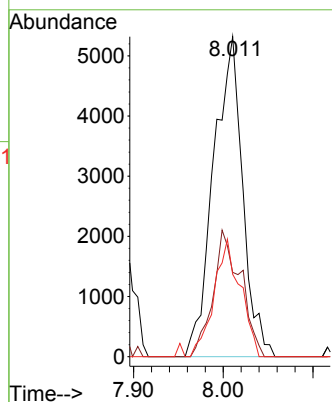
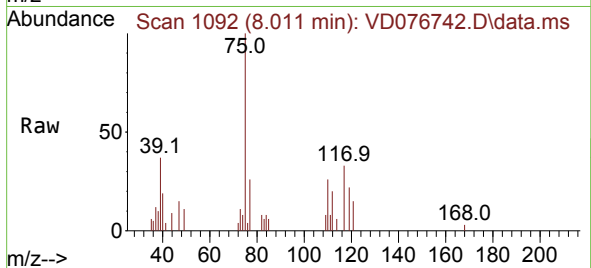
Tgt Ion: 75 Resp: 12016

Ion Ratio Lower Upper

75 100

110 37.4 19.9 59.6

77 33.2 24.7 37.1



#37

Ethyl Acetate

Concen: 4.702 ug/l

RT: 7.163 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

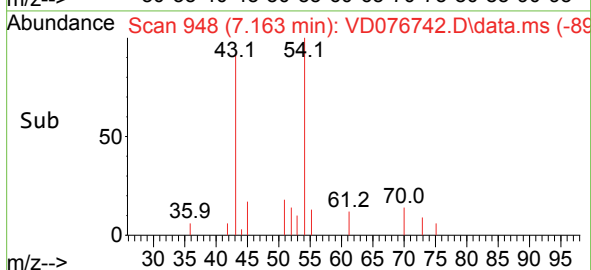
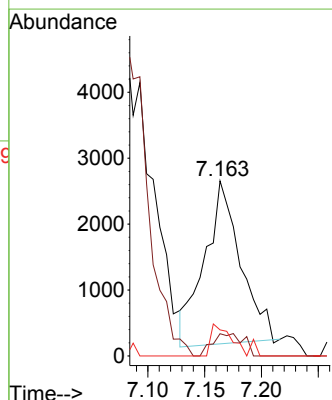
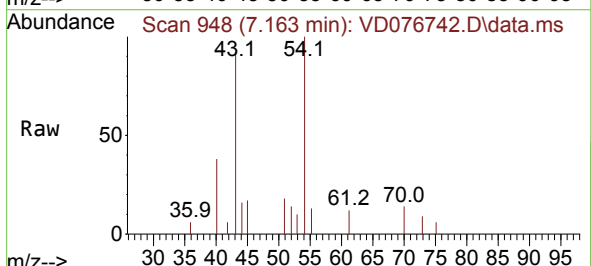
Tgt Ion: 43 Resp: 5463

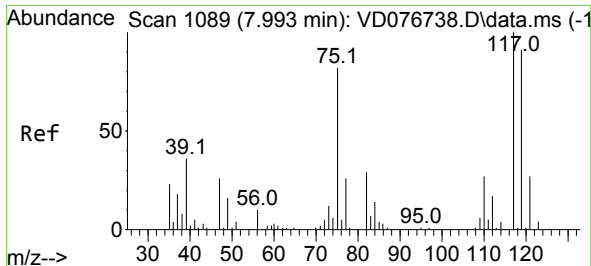
Ion Ratio Lower Upper

43 100

61 11.8 14.9 22.3#

70 10.7 10.0 15.0





#38

Carbon Tetrachloride

Concen: 4.428 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

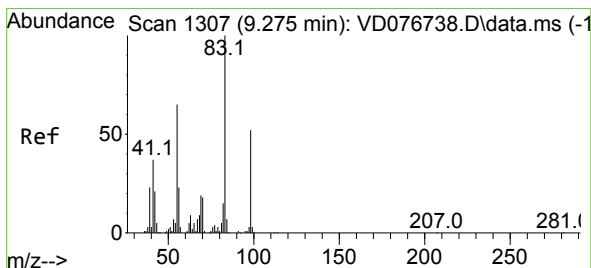
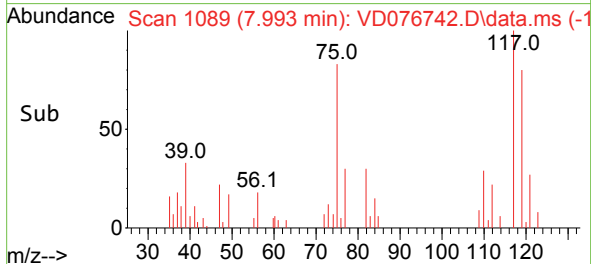
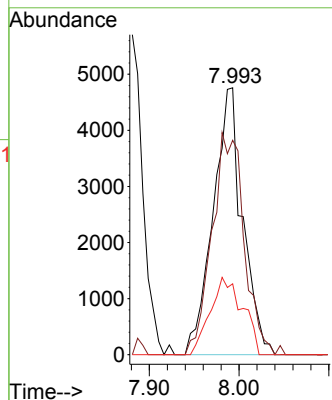
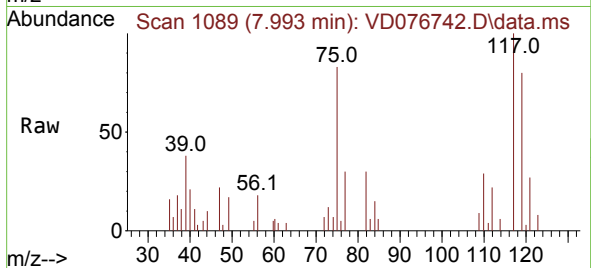
Tgt Ion:117 Resp: 10856

Ion Ratio Lower Upper

117 100

119 80.3 78.0 117.0

121 26.6 24.2 36.2



#39

Methylcyclohexane

Concen: 4.519 ug/l

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

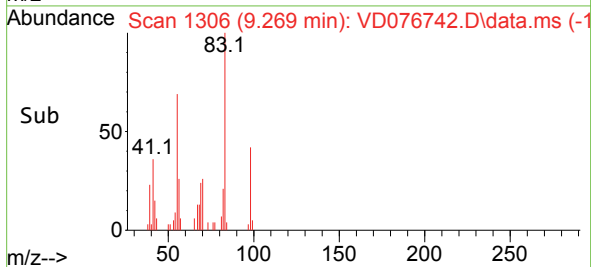
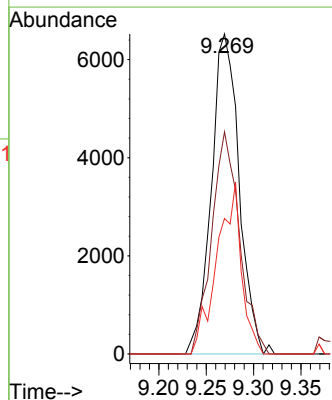
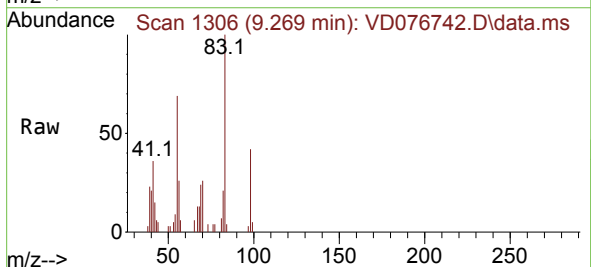
Tgt Ion: 83 Resp: 13312

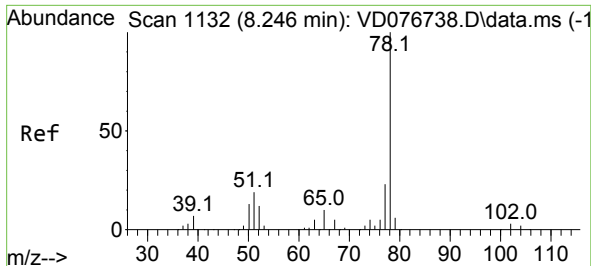
Ion Ratio Lower Upper

83 100

55 69.4 49.4 74.0

98 42.4 38.4 57.6

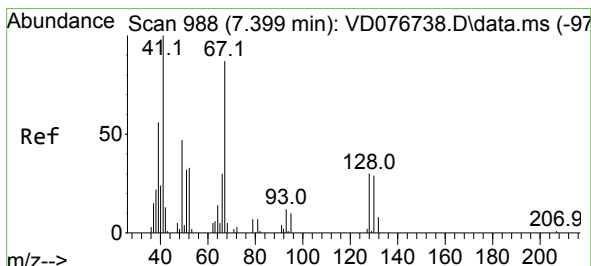
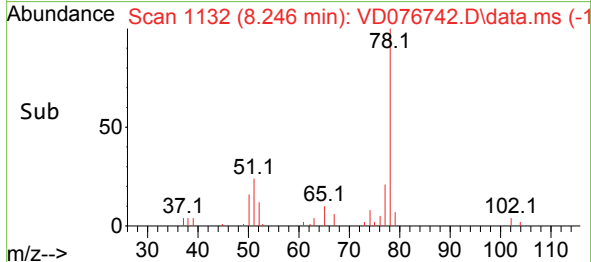
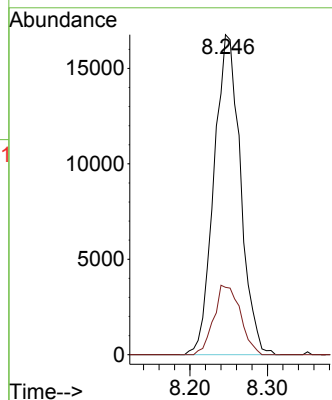
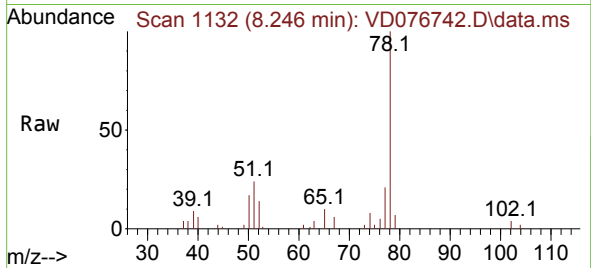




#40
Benzene
Concen: 4.875 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

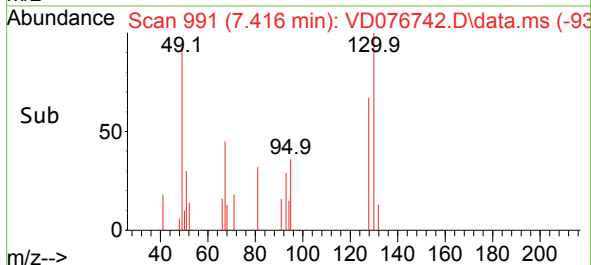
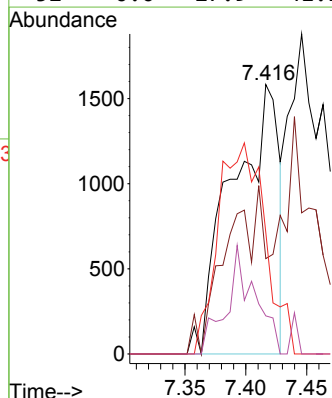
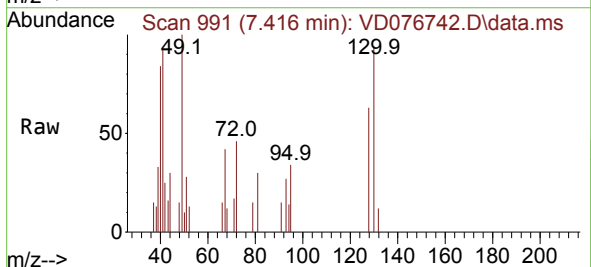
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

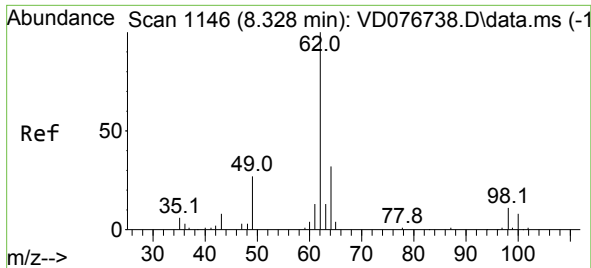
Tgt Ion: 78 Resp: 39797
Ion Ratio Lower Upper
78 100
77 21.1 19.4 29.0



#41
Methacrylonitrile
Concen: 5.979 ug/l
RT: 7.416 min Scan# 991
Delta R.T. 0.018 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 41 Resp: 4208
Ion Ratio Lower Upper
41 100
39 0.0 34.0 51.0#
67 0.0 77.0 115.4#
52 0.0 27.9 41.9#





#42

1,2-Dichloroethane

Concen: 4.977 ug/l

RT: 8.316 min Scan# 1144

Delta R.T. -0.012 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

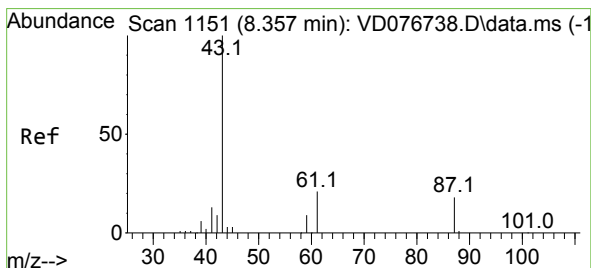
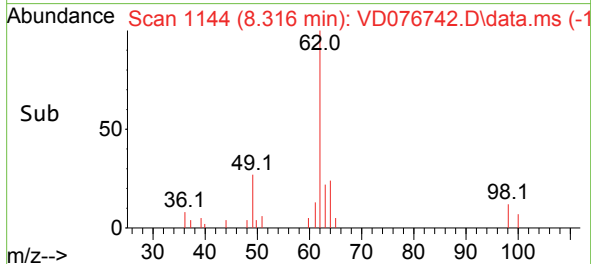
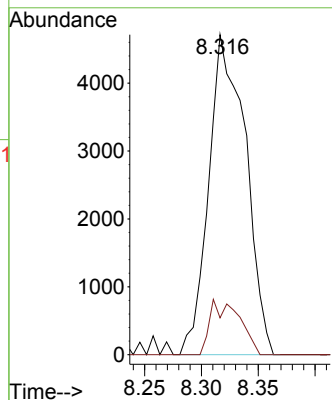
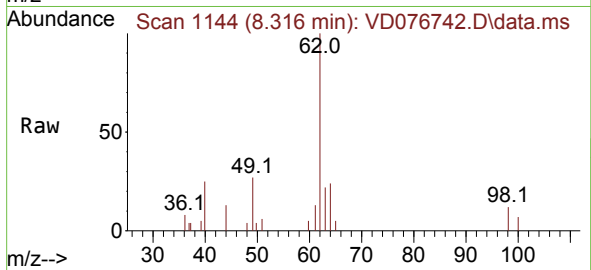
VSTDIC005

Tgt Ion: 62 Resp: 10619

Ion Ratio Lower Upper

62 100

98 13.7 0.0 25.4



#43

Isopropyl Acetate

Concen: 5.104 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

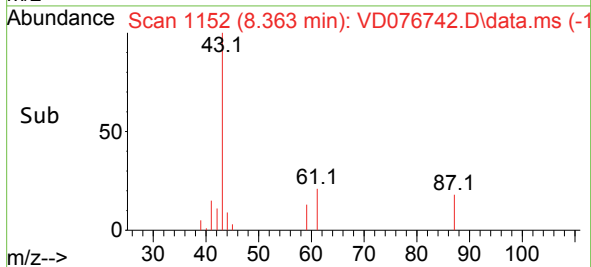
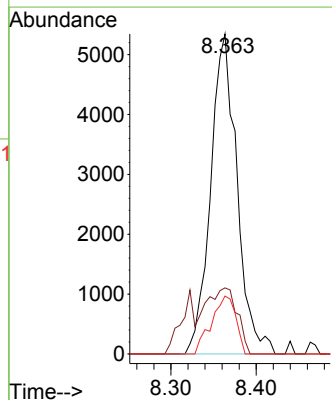
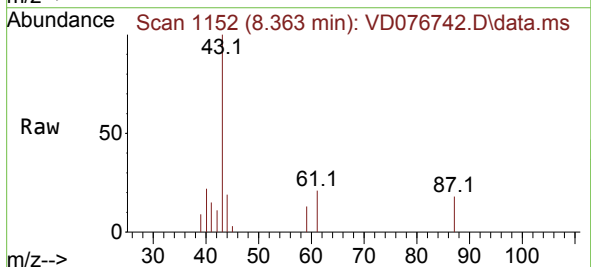
Tgt Ion: 43 Resp: 11497

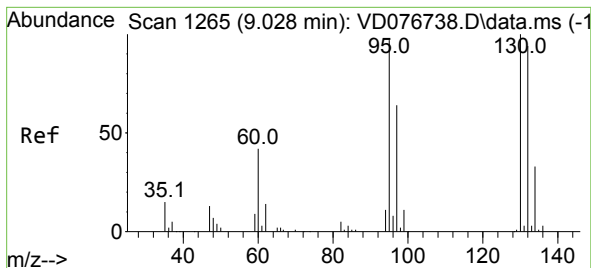
Ion Ratio Lower Upper

43 100

61 23.1 31.4 47.0#

87 16.7 14.9 22.3





#44

Trichloroethene

Concen: 4.824 ug/l

RT: 9.022 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

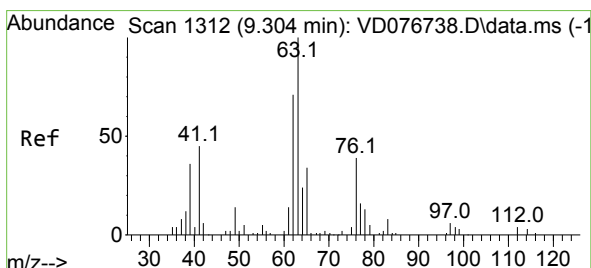
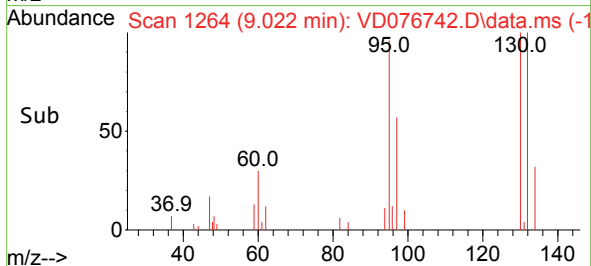
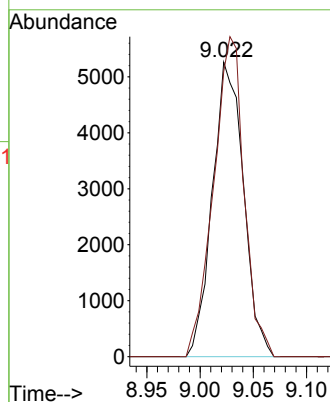
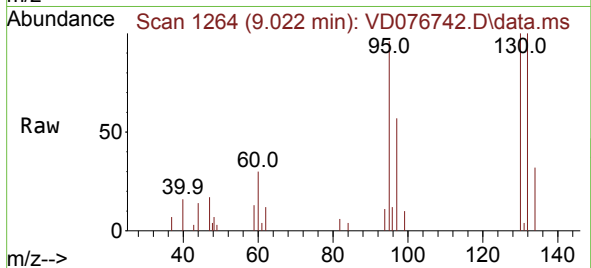
VSTDIC005

Tgt Ion:130 Resp: 10675

Ion Ratio Lower Upper

130 100

95 96.8 0.0 179.2



#45

1,2-Dichloropropane

Concen: 4.746 ug/l

RT: 9.299 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VD076742.D

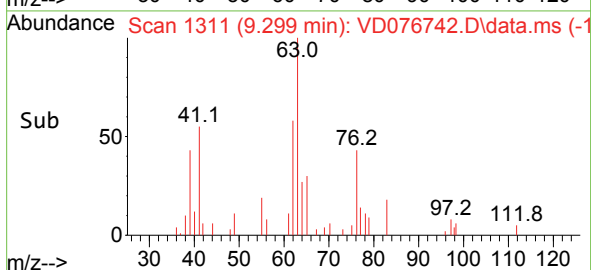
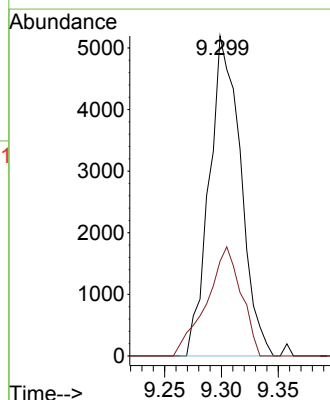
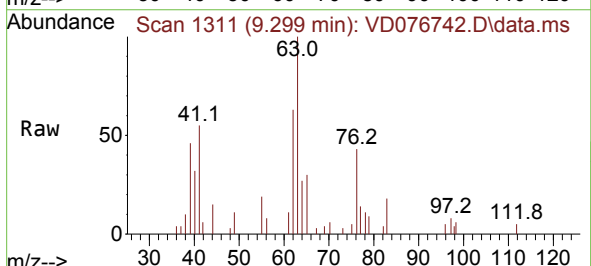
Acq: 14 Jul 2023 15:57

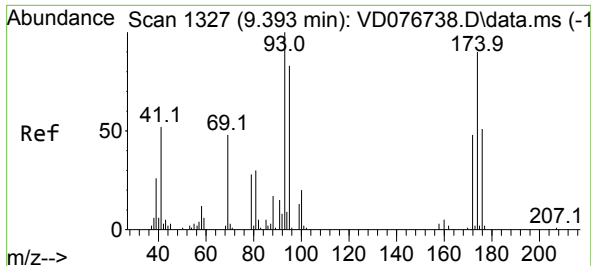
Tgt Ion: 63 Resp: 9968

Ion Ratio Lower Upper

63 100

65 29.6 24.5 36.7

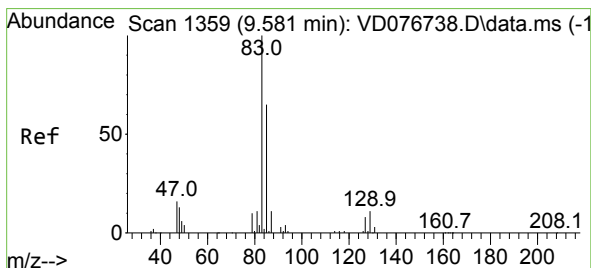
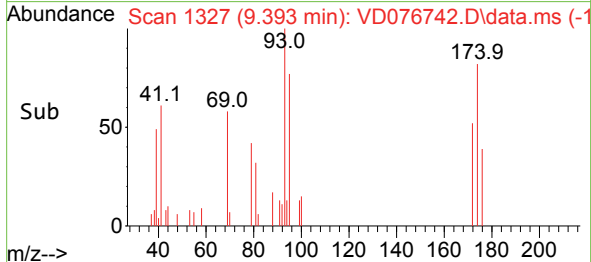
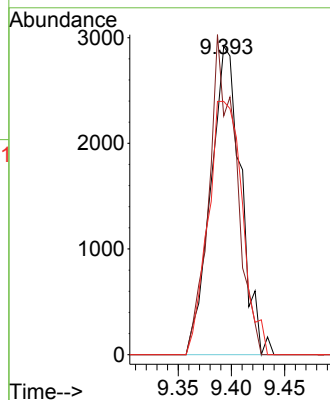
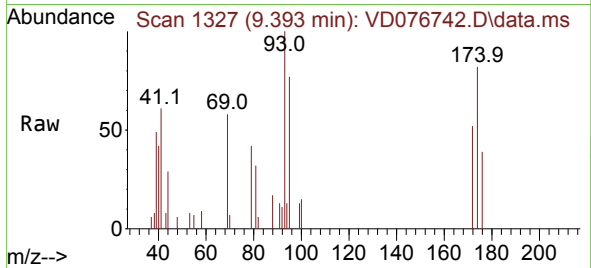




#46
Dibromomethane
Concen: 4.618 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

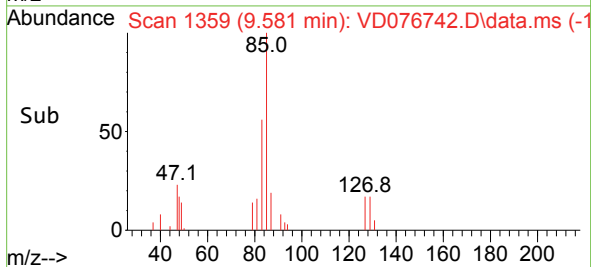
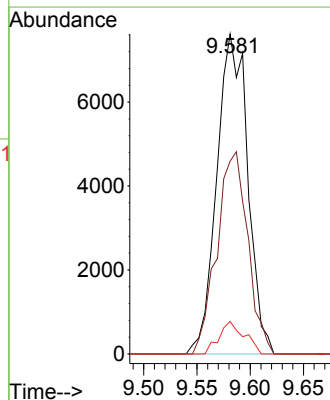
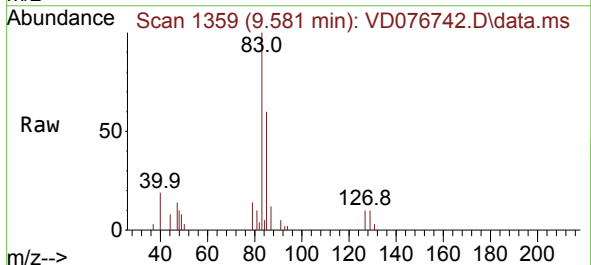
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

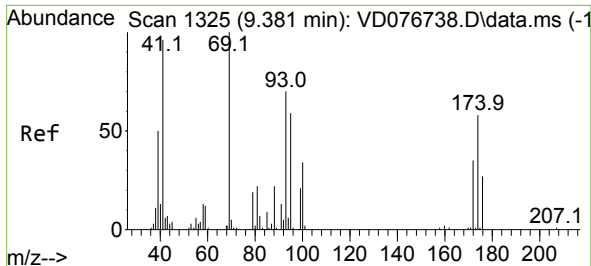
Tgt Ion:	93	Resp:	5749
Ion	Ratio	Lower	Upper
93	100		
95	92.6	67.7	101.5
174	93.0	85.4	128.2



#47
Bromodichloromethane
Concen: 4.973 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion:	83	Resp:	15343
Ion	Ratio	Lower	Upper
83	100		
85	60.2	50.2	75.4
127	10.1	6.3	9.5#

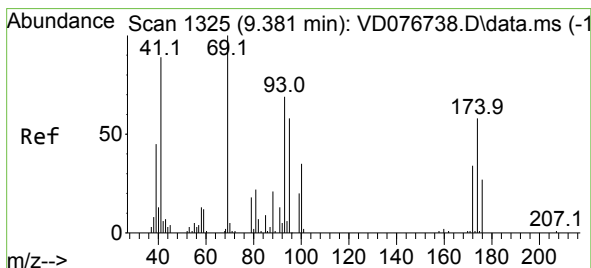
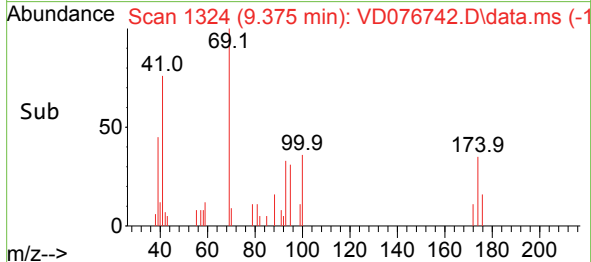
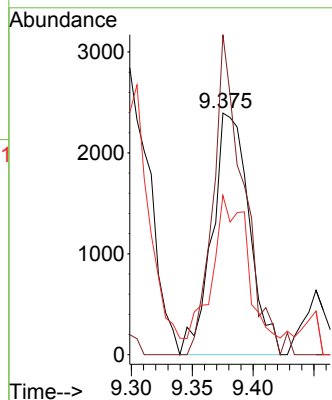
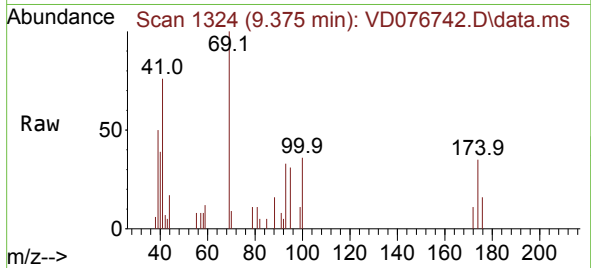




#48
Methyl methacrylate
Concen: 4.911 ug/l
RT: 9.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

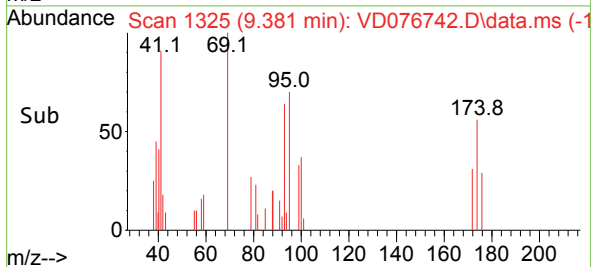
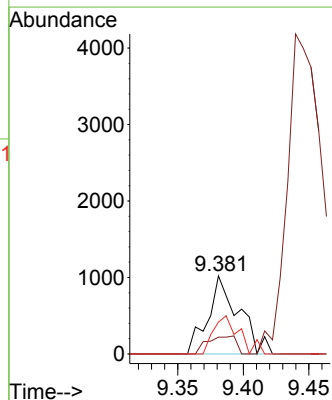
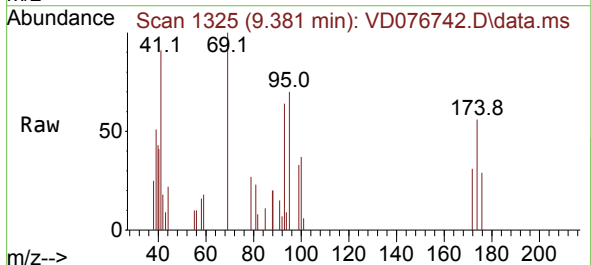
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

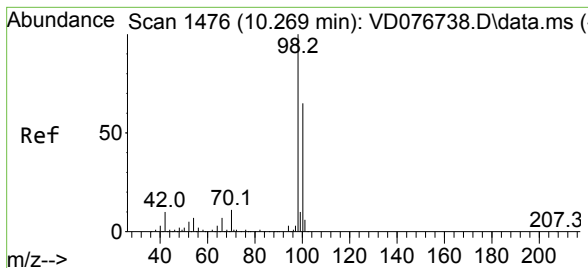
Tgt Ion: 41 Resp: 5067
Ion Ratio Lower Upper
41 100
69 108.7 102.2 153.2
39 67.2 41.4 62.2#



#49
1,4-Dioxane
Concen: 108.744 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 88 Resp: 1670
Ion Ratio Lower Upper
88 100
43 21.2 19.0 28.6
58 41.0 43.5 65.3#

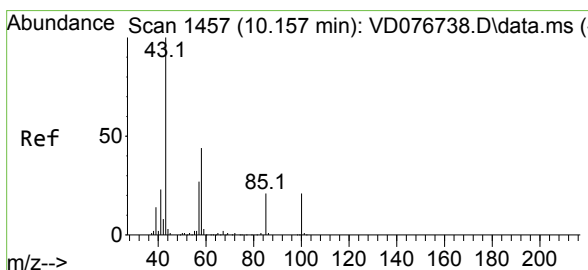
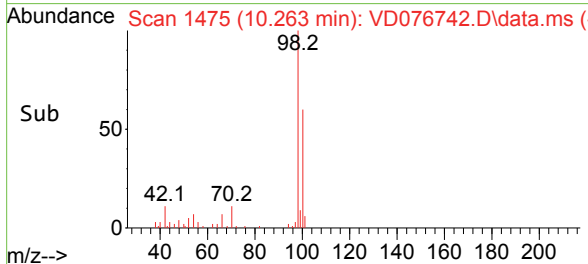
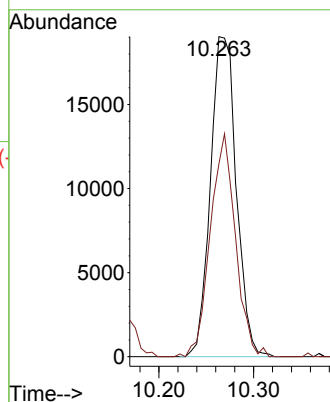
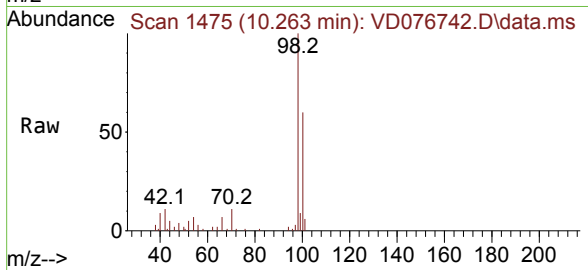




#50
Toluene-d8
Concen: 5.010 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

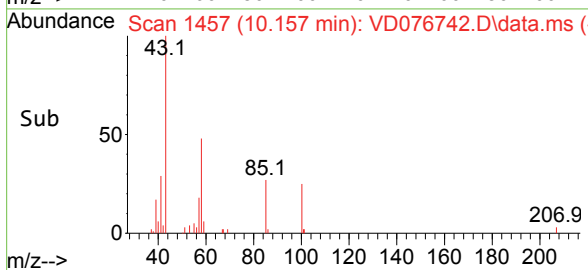
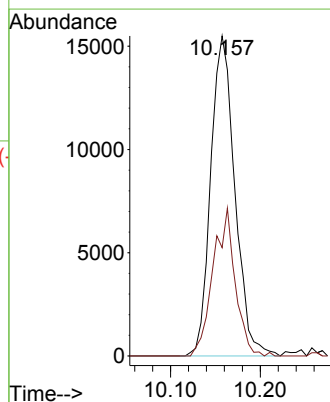
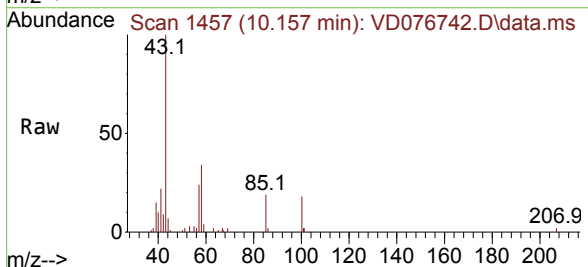
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

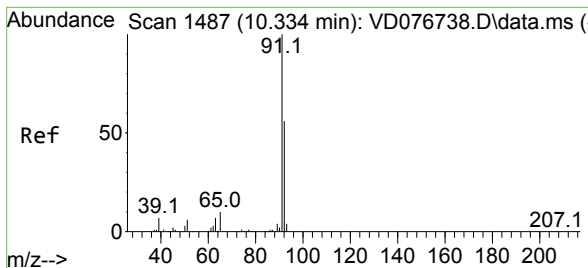
Tgt Ion: 98 Resp: 36113
Ion Ratio Lower Upper
98 100
100 67.6 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 24.096 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 43 Resp: 29001
Ion Ratio Lower Upper
43 100
58 42.5 38.9 58.3





#52

Toluene

Concen: 4.818 ug/l

RT: 10.334 min Scan# 14

Delta R.T. 0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

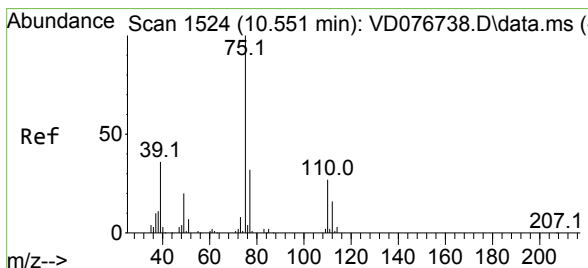
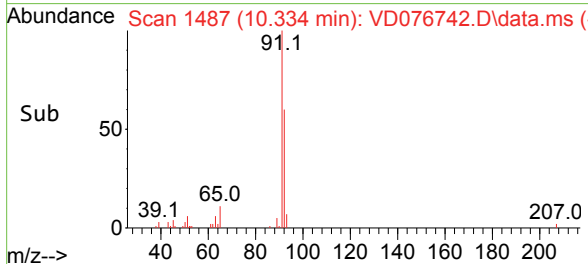
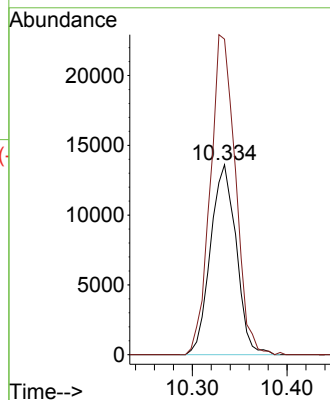
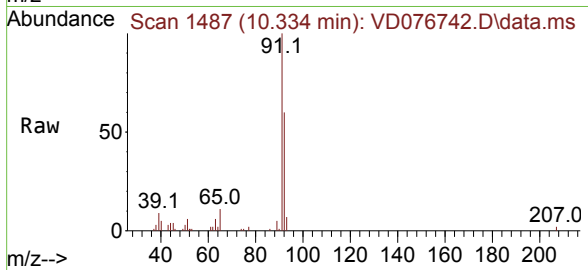
VSTDIC005

Tgt Ion: 92 Resp: 25679

Ion Ratio Lower Upper

92 100

91 164.7 143.0 214.4



#53

t-1,3-Dichloropropene

Concen: 4.674 ug/l

RT: 10.557 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VD076742.D

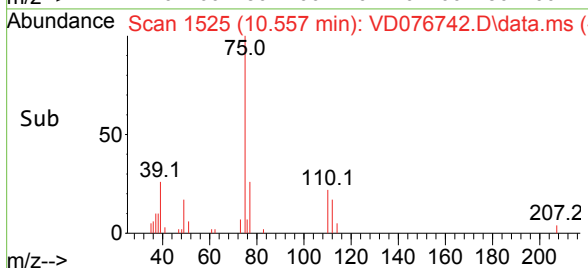
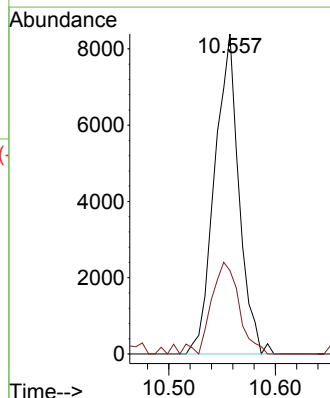
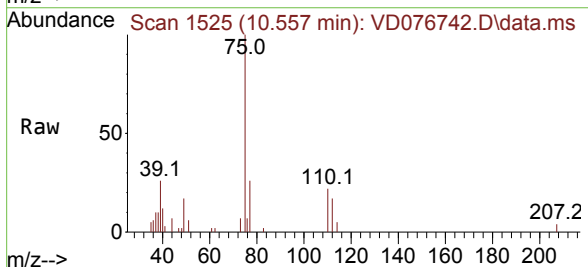
Acq: 14 Jul 2023 15:57

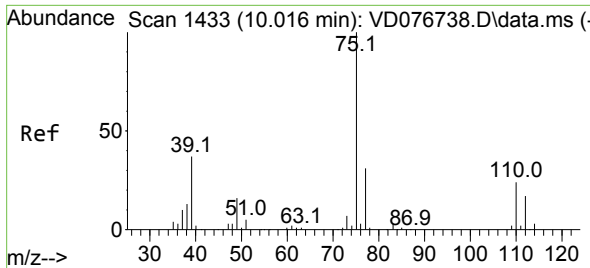
Tgt Ion: 75 Resp: 13318

Ion Ratio Lower Upper

75 100

77 26.0 25.3 37.9

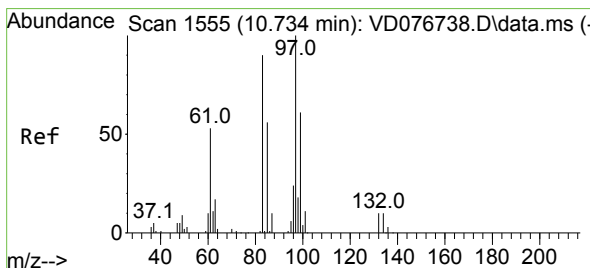
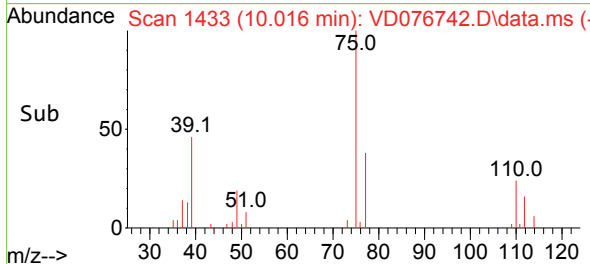
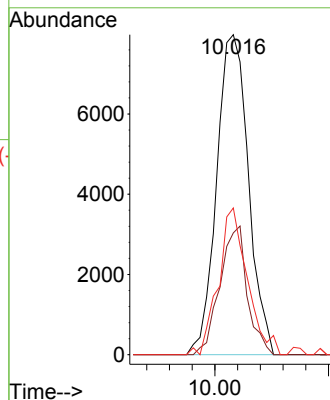
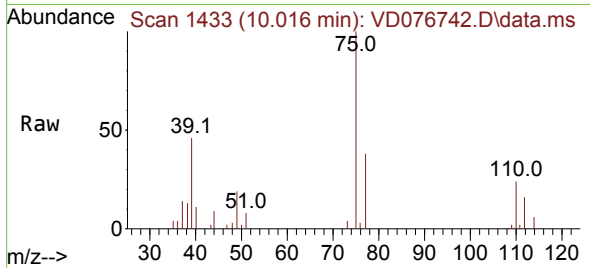




#54
 cis-1,3-Dichloropropene
 Concen: 4.573 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076742.D
 Acq: 14 Jul 2023 15:57

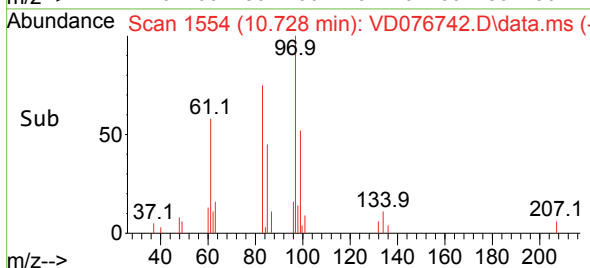
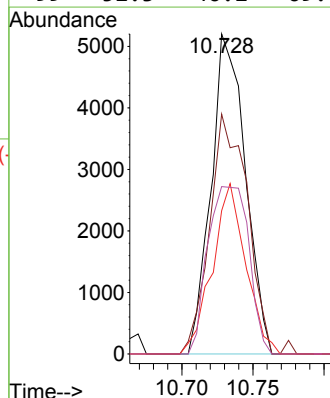
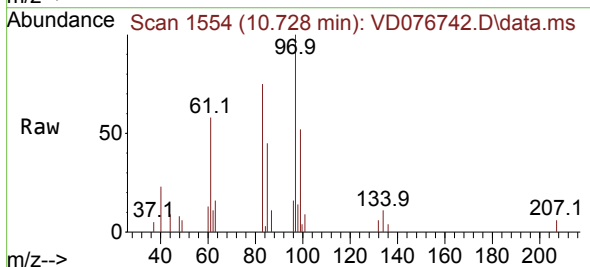
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

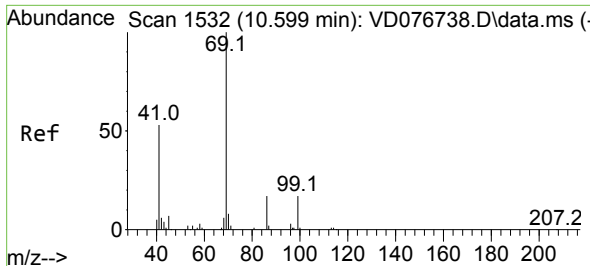
Tgt Ion:	75	Resp:	15486
Ion	Ratio	Lower	Upper
75	100		
77	38.0	25.5	38.3
39	45.8	22.1	33.1#



#55
 1,1,2-Trichloroethane
 Concen: 4.817 ug/l
 RT: 10.728 min Scan# 1554
 Delta R.T. -0.006 min
 Lab File: VD076742.D
 Acq: 14 Jul 2023 15:57

Tgt Ion:	97	Resp:	8716
Ion	Ratio	Lower	Upper
97	100		
83	75.0	65.8	98.6
85	44.7	45.7	68.5#
99	52.3	46.2	69.4

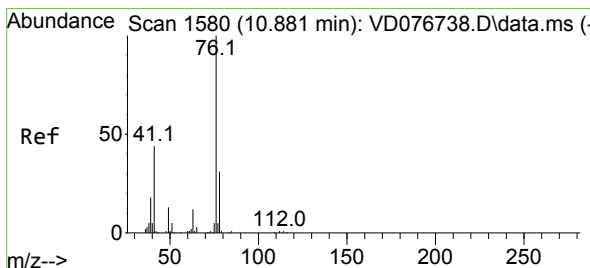
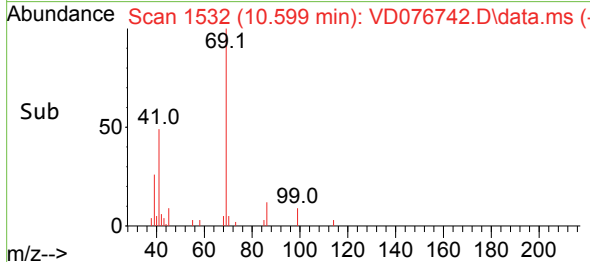
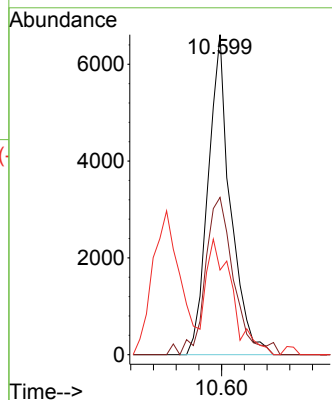
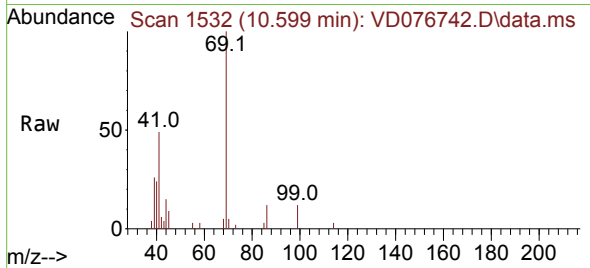




#56
Ethyl methacrylate
Concen: 4.375 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

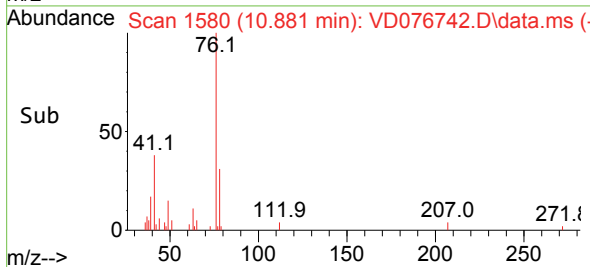
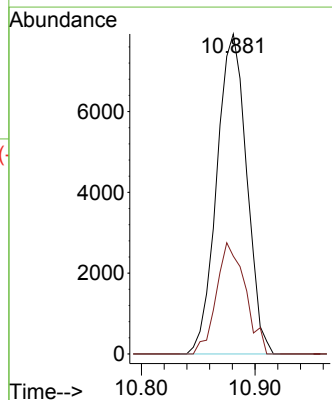
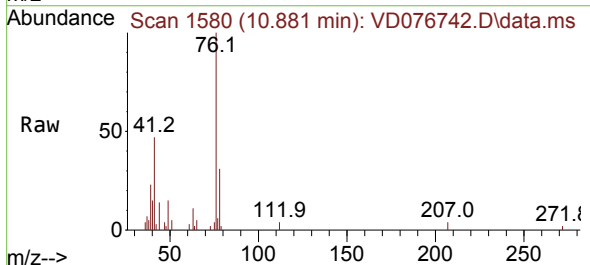
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

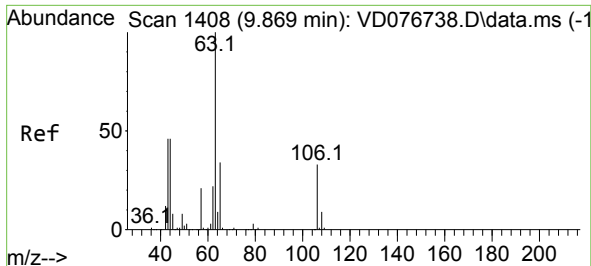
Tgt Ion: 69 Resp: 9019
Ion Ratio Lower Upper
69 100
41 63.0 39.1 58.7#
39 41.5 20.0 30.0#



#57
1,3-Dichloropropane
Concen: 4.936 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 76 Resp: 14463
Ion Ratio Lower Upper
76 100
78 33.7 26.4 39.6

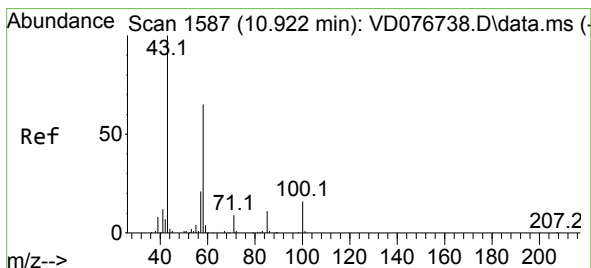
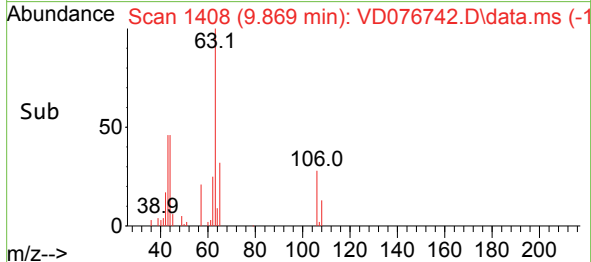
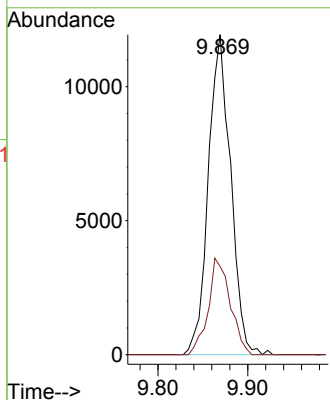
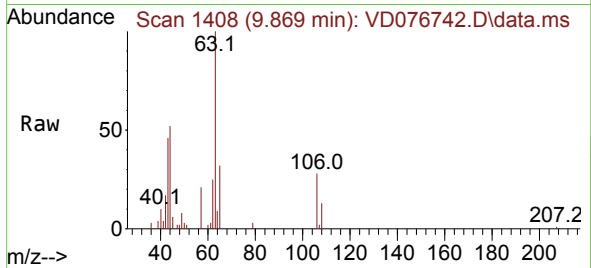




#58
2-Chloroethyl Vinyl ether
Concen: 25.482 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

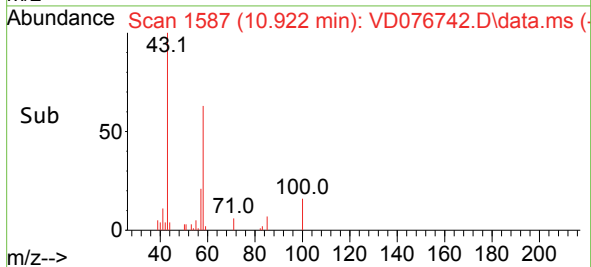
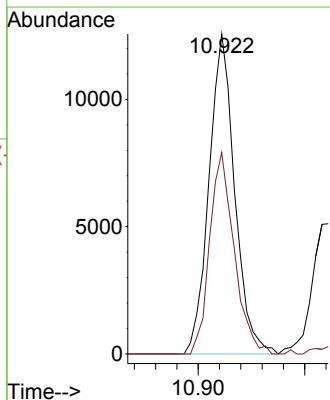
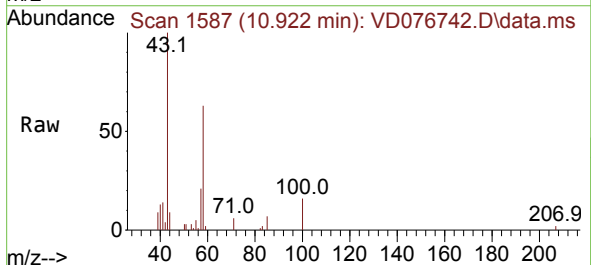
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

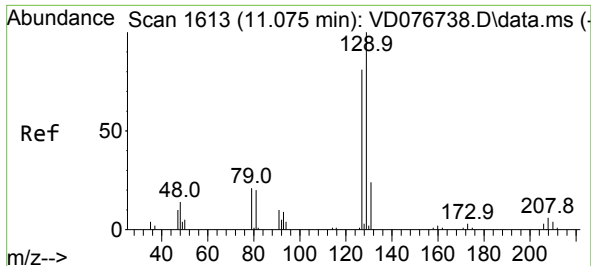
Tgt Ion: 63 Resp: 20596
Ion Ratio Lower Upper
63 100
106 29.8 25.3 37.9



#59
2-Hexanone
Concen: 24.447 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 43 Resp: 21058
Ion Ratio Lower Upper
43 100
58 60.1 34.1 102.2

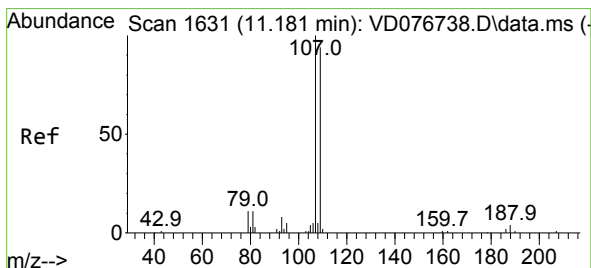
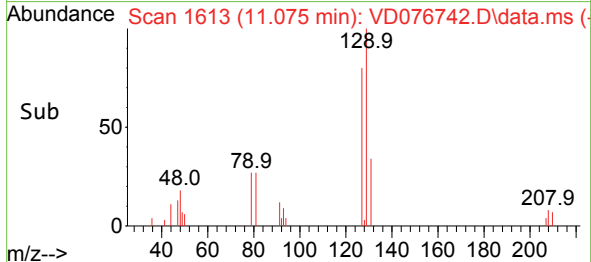
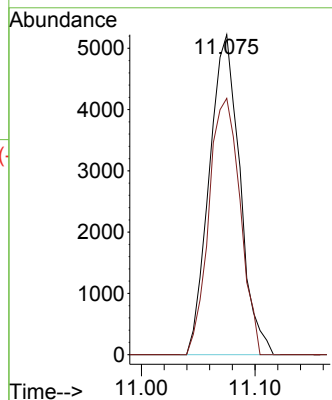
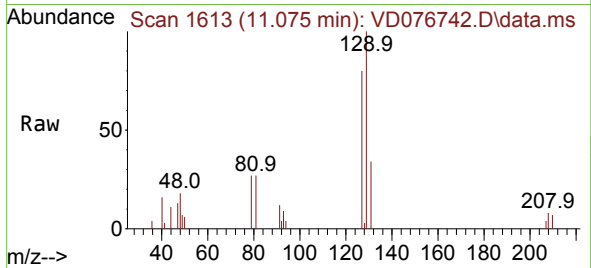




#60
Dibromochloromethane
Concen: 4.676 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

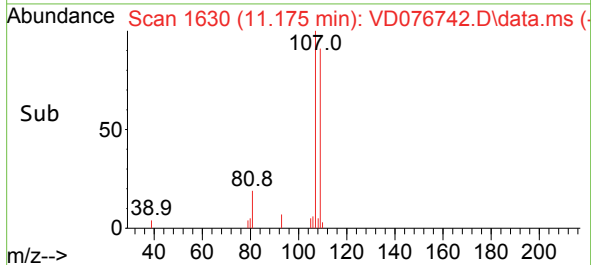
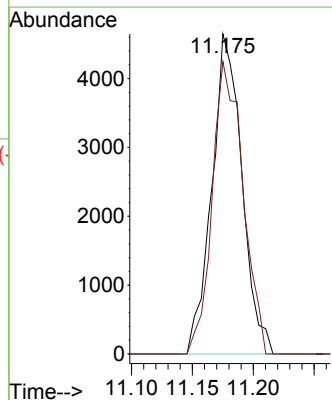
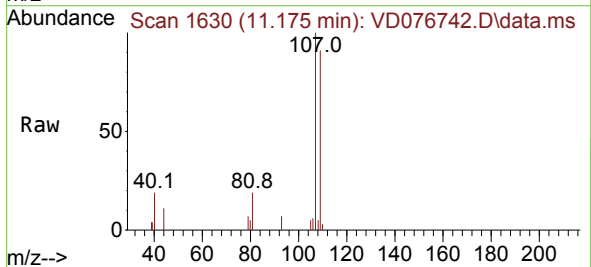
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

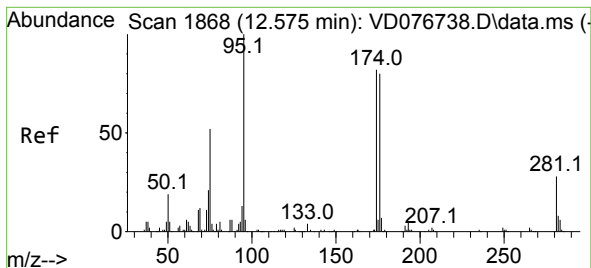
Tgt Ion:129 Resp: 9764
Ion Ratio Lower Upper
129 100
127 81.8 37.1 111.5



#61
1,2-Dibromoethane
Concen: 4.733 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion:107 Resp: 7964
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4

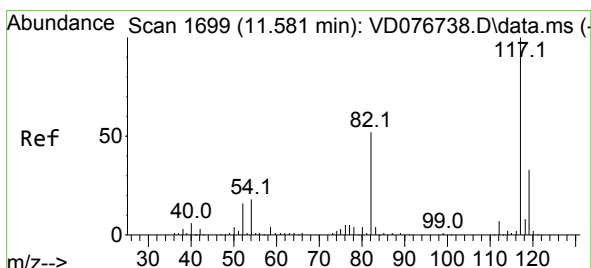
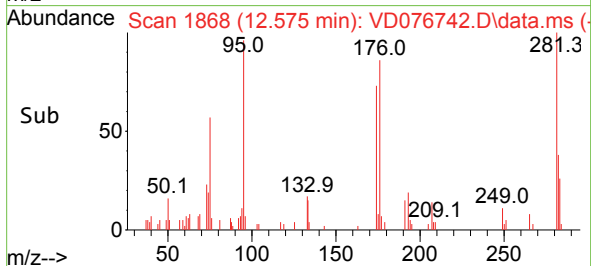
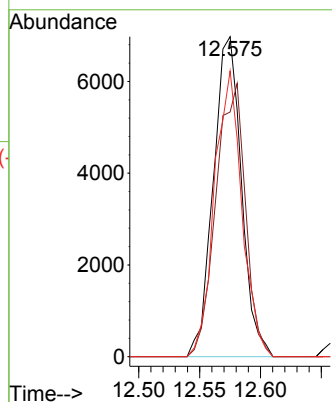
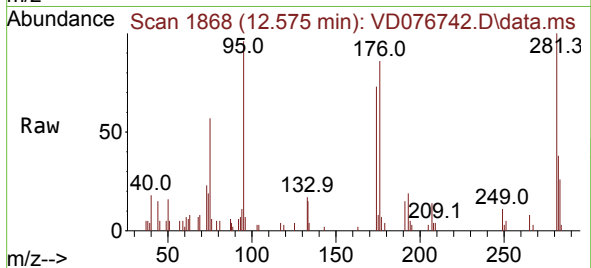




#62
4-Bromofluorobenzene
Concen: 4.848 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

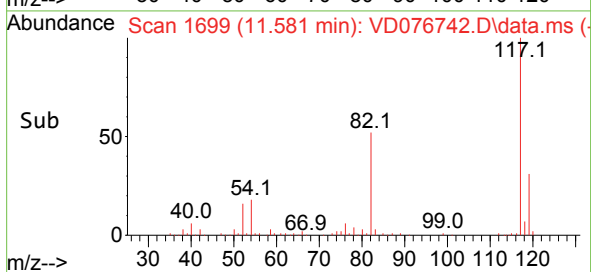
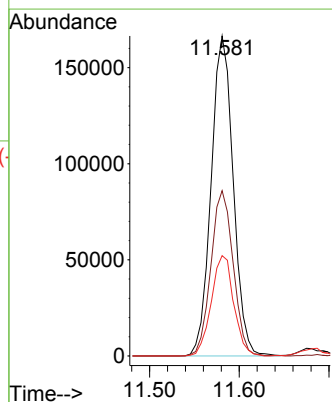
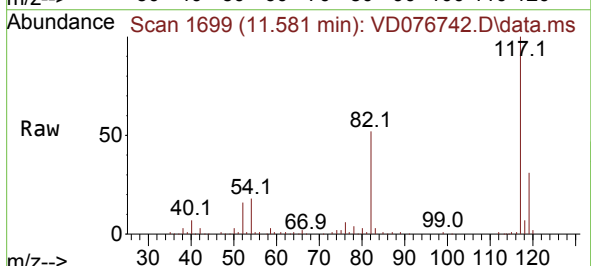
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

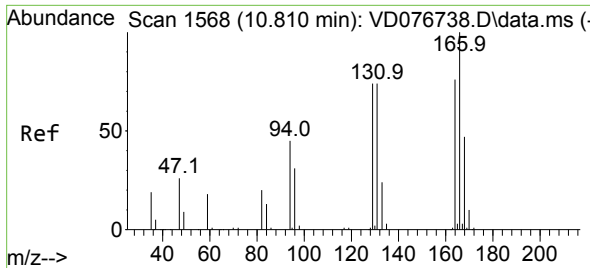
Tgt Ion: 95 Resp: 11178
Ion Ratio Lower Upper
95 100
174 89.6 0.0 201.8
176 87.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 117 Resp: 284998
Ion Ratio Lower Upper
117 100
82 51.7 38.3 57.5
119 31.3 25.0 37.4

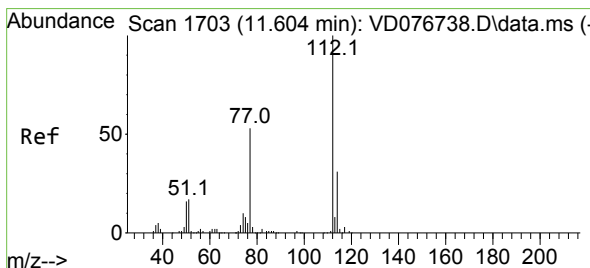
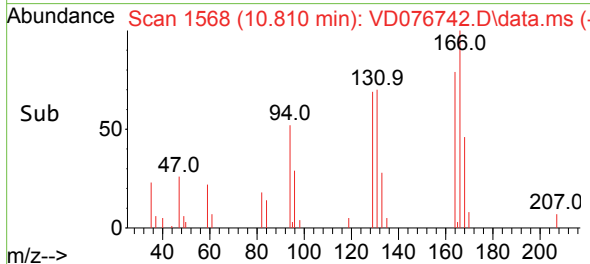
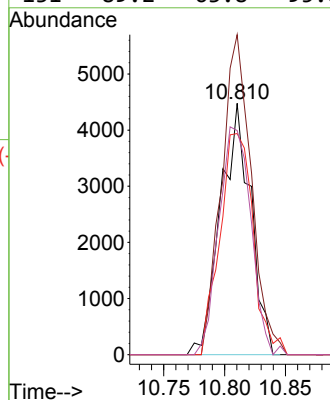
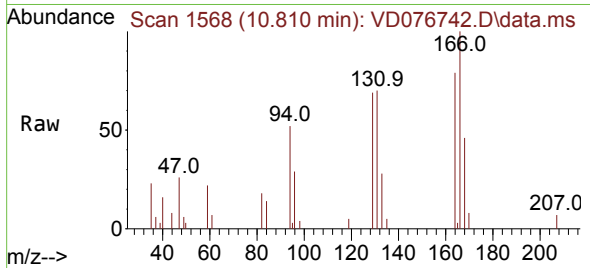




#64
Tetrachloroethene
Concen: 4.794 ug/l
RT: 10.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

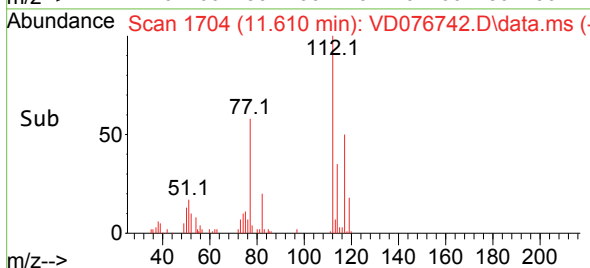
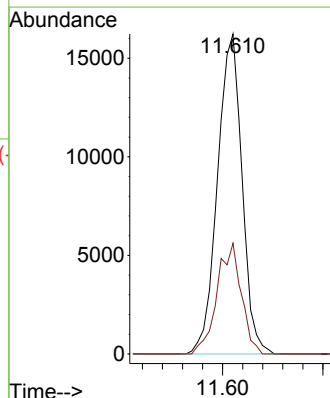
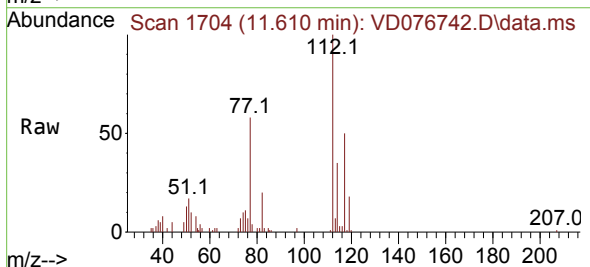
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

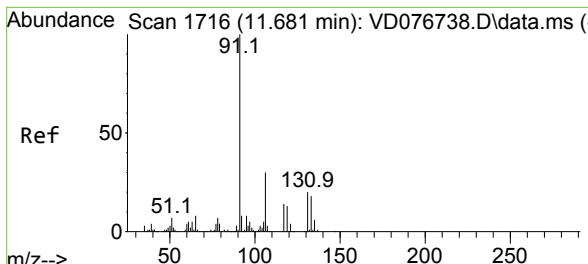
Tgt	Ion:164	Resp:	7724
Ion	Ratio	Lower	Upper
164	100		
166	127.3	99.2	148.8
129	88.0	68.4	102.6
131	89.2	63.8	95.8



#65
Chlorobenzene
Concen: 4.777 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion:112	Resp:	27515	
Ion	Ratio	Lower	Upper
112	100		
114	34.6	25.1	37.7

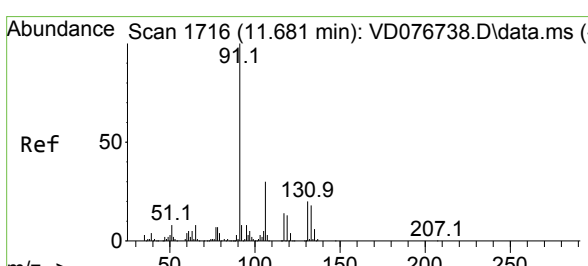
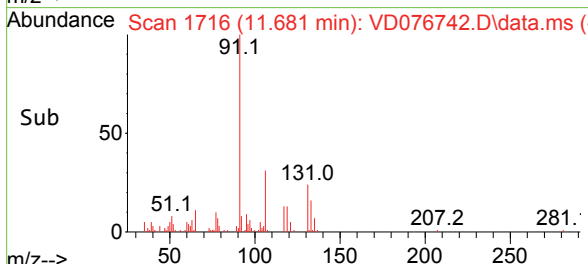
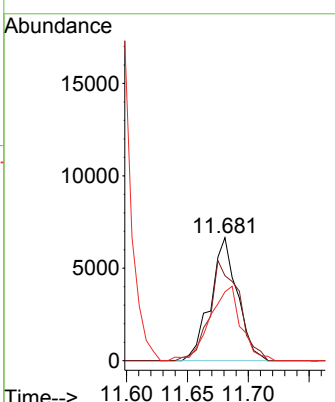
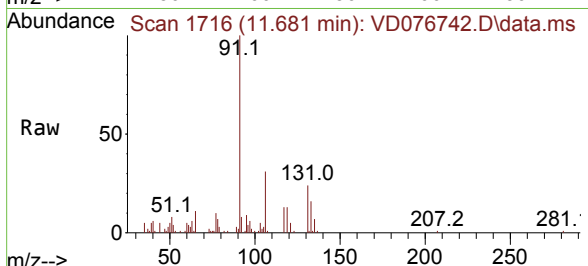




#66
 1,1,1,2-Tetrachloroethane
 Concen: 4.757 ug/l
 RT: 11.681 min Scan# 1716
 Delta R.T. 0.000 min
 Lab File: VD076742.D
 Acq: 14 Jul 2023 15:57

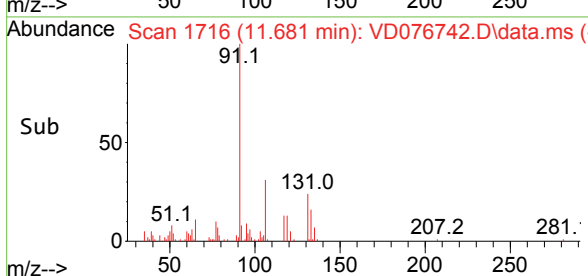
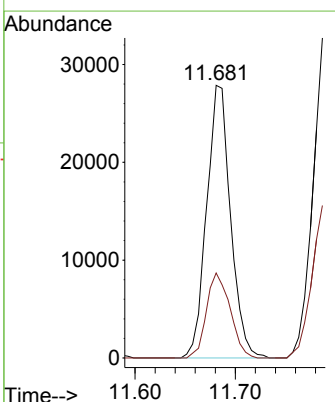
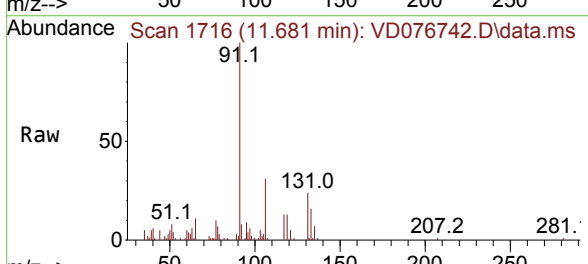
Instrument : MSVOA_D
 ClientSampleId : VSTDIC005

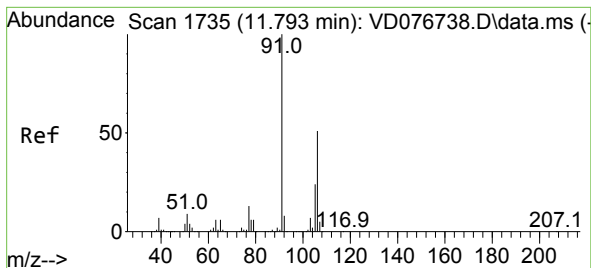
Tgt Ion:	131	Resp:	10233
Ion Ratio	Lower	Upper	
131	100		
133	89.3	48.5	145.5
119	70.0	35.6	106.9



#67
 Ethyl Benzene
 Concen: 4.608 ug/l
 RT: 11.681 min Scan# 1716
 Delta R.T. 0.000 min
 Lab File: VD076742.D
 Acq: 14 Jul 2023 15:57

Tgt Ion:	91	Resp:	46160
Ion Ratio	Lower	Upper	
91	100		
106	31.1	26.5	39.7

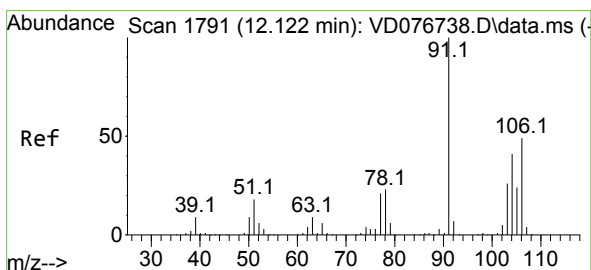
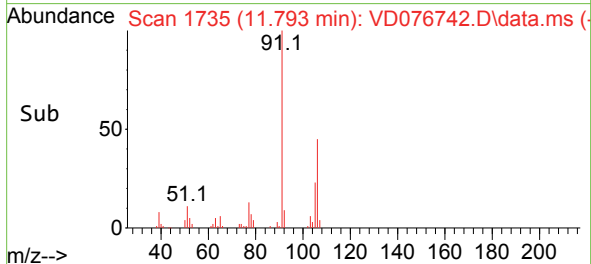
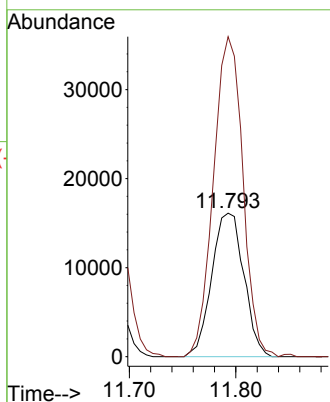
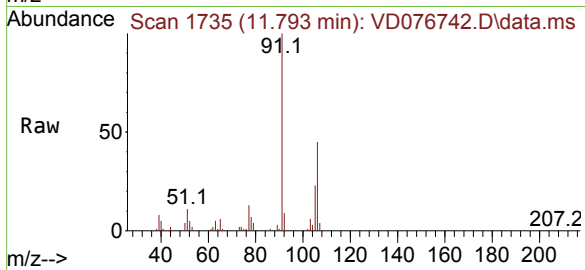




#68
m/p-Xylenes
Concen: 8.763 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

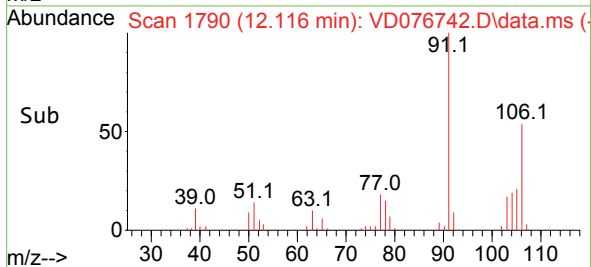
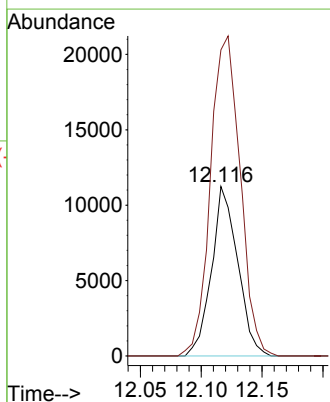
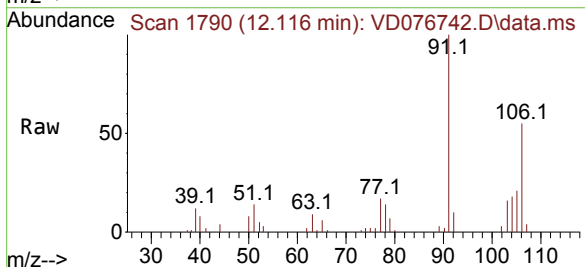
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

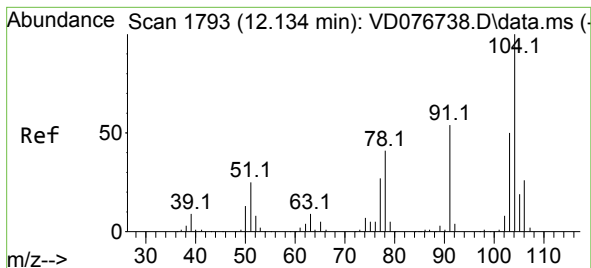
Tgt Ion:106 Resp: 33741
Ion Ratio Lower Upper
106 100
91 204.6 147.0 220.6



#69
o-Xylene
Concen: 4.566 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion:106 Resp: 16785
Ion Ratio Lower Upper
106 100
91 214.5 97.9 293.6





#70

Styrene

Concen: 4.481 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

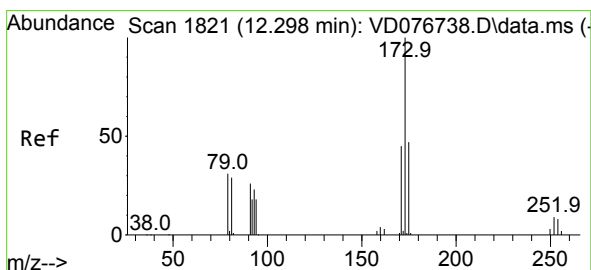
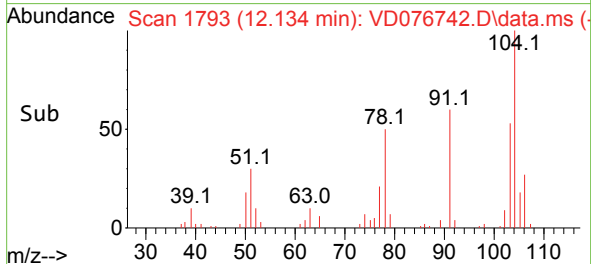
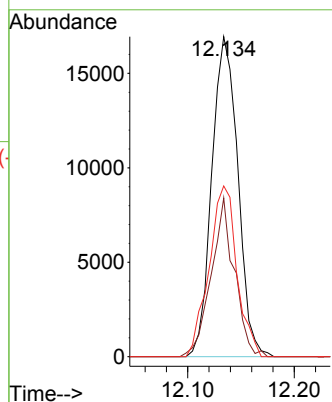
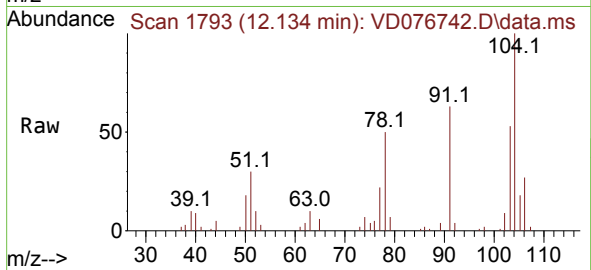
Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:	104	Resp:	28743
Ion	Ratio	Lower	Upper
104	100		
78	44.3	33.2	49.8
103	57.1	43.6	65.4



#71

Bromoform

Concen: 4.504 ug/l

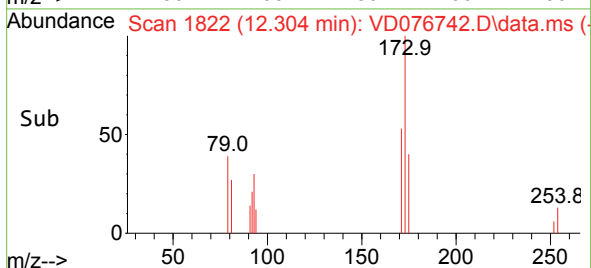
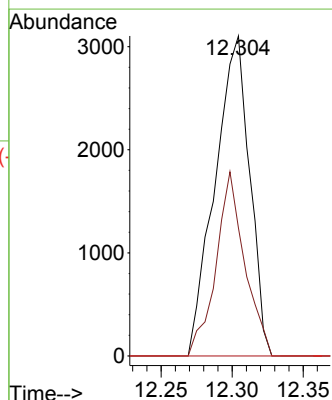
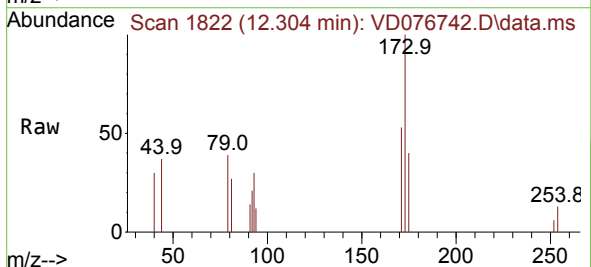
RT: 12.304 min Scan# 1822

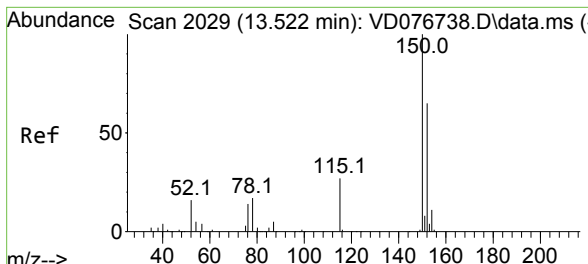
Delta R.T. 0.006 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Tgt Ion:	173	Resp:	5250
Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.6	73.8
254	0.0	0.0	0.0

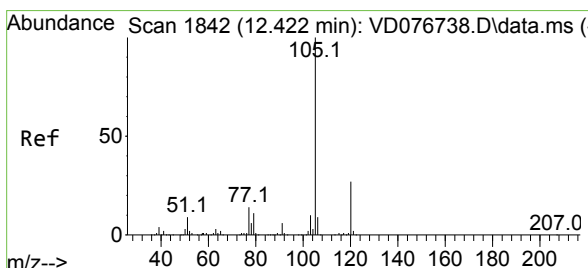
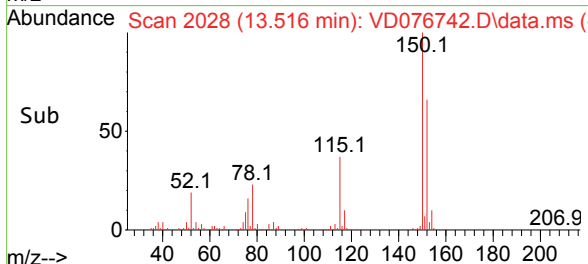
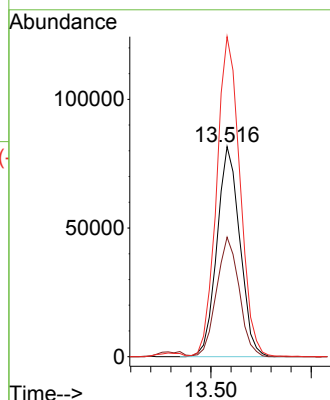
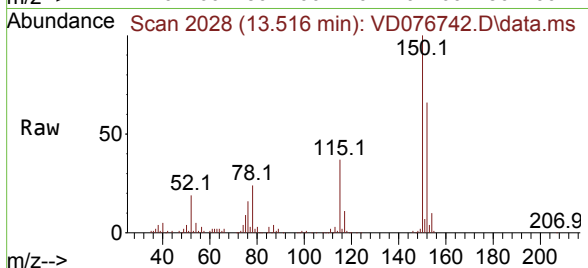




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD076742.D
 Acq: 14 Jul 2023 15:57

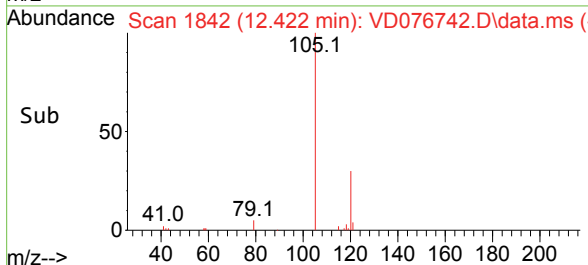
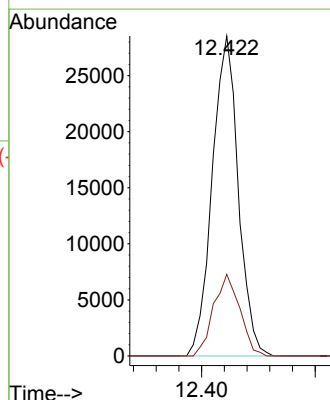
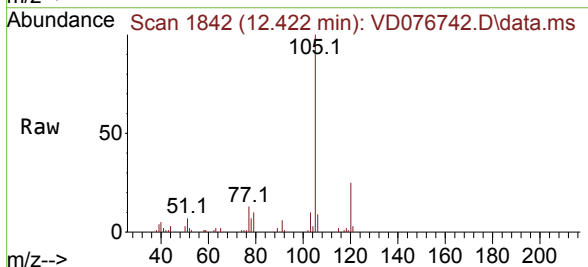
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

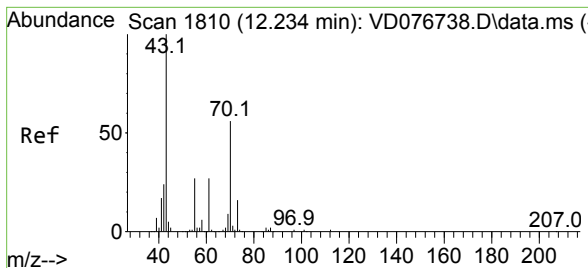
Tgt Ion:152 Resp: 129052
 Ion Ratio Lower Upper
 152 100
 115 56.2 27.1 81.3
 150 155.8 0.0 353.6



#73
 Isopropylbenzene
 Concen: 4.926 ug/l
 RT: 12.422 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: VD076742.D
 Acq: 14 Jul 2023 15:57

Tgt Ion:105 Resp: 45433
 Ion Ratio Lower Upper
 105 100
 120 25.7 14.3 42.9





#74

N-amy1 acetate

Concen: 5.318 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 10406

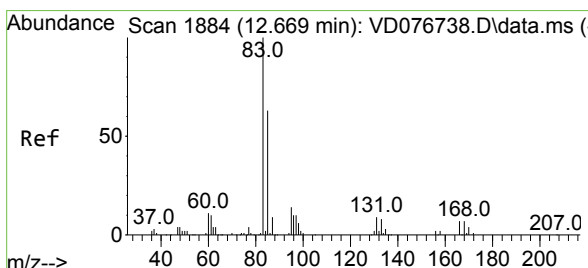
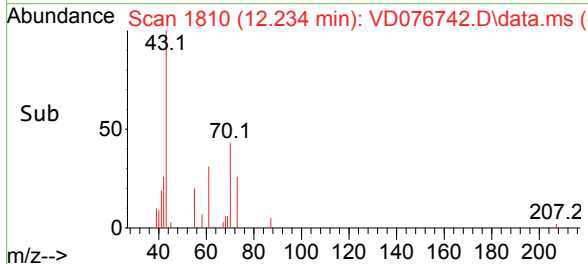
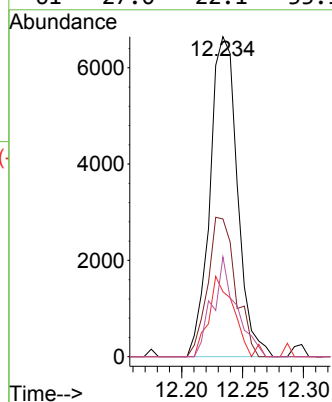
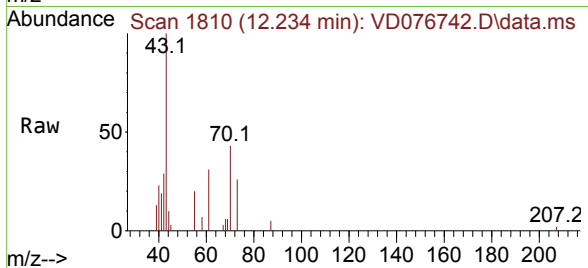
Ion Ratio Lower Upper

43 100

70 44.2 45.0 67.4#

55 23.1 23.8 35.6#

61 27.0 22.1 33.1



#75

1,1,2,2-Tetrachloroethane

Concen: 5.283 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

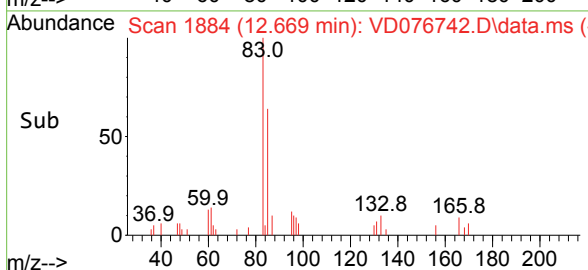
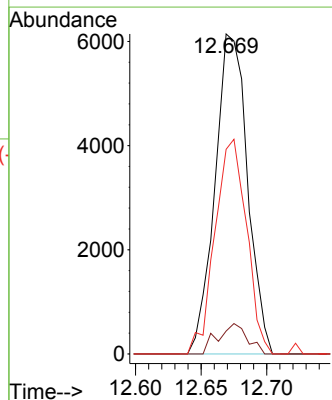
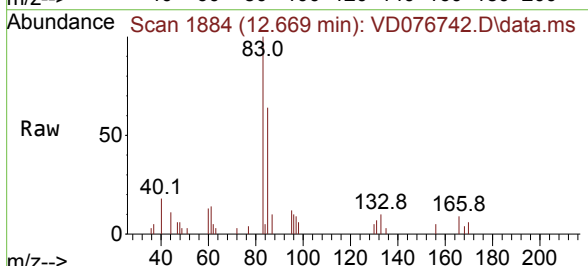
Tgt Ion: 83 Resp: 10594

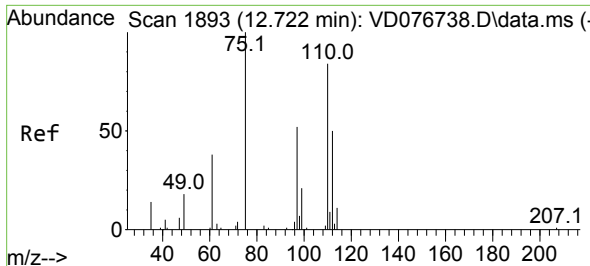
Ion Ratio Lower Upper

83 100

131 8.6 5.1 15.3

85 65.2 32.6 97.8

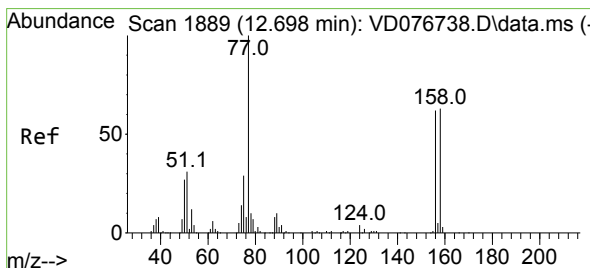
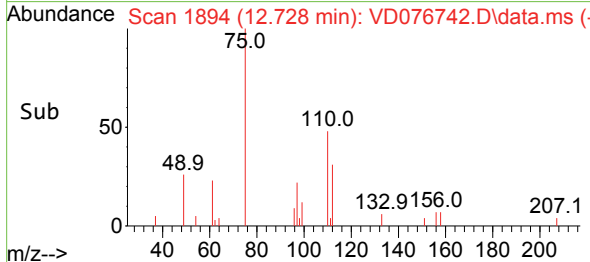
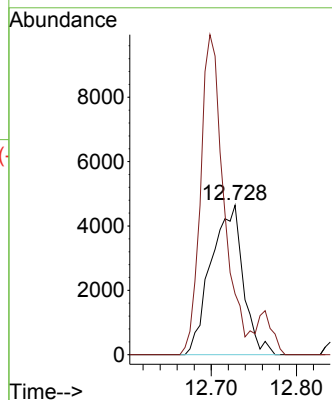
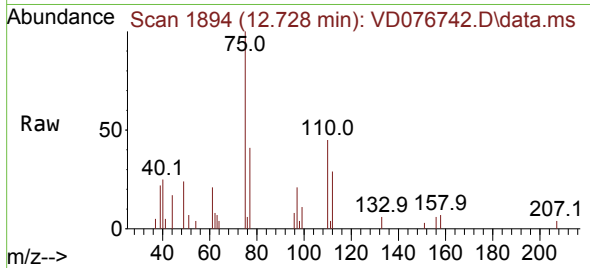




#76
1,2,3-Trichloropropane
Concen: 10.644 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

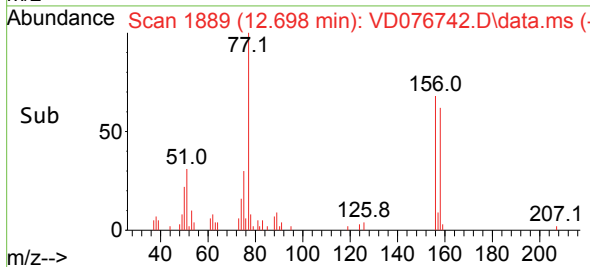
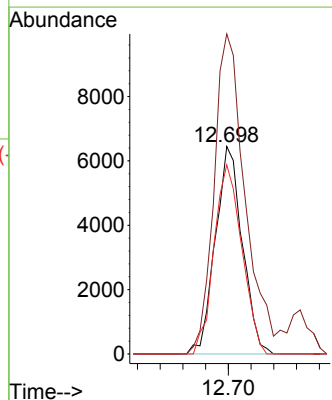
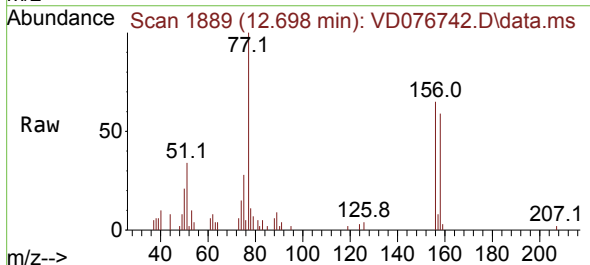
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

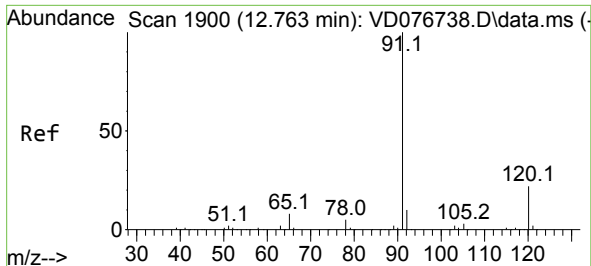
Tgt Ion: 75 Resp: 12226
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 4.938 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 156 Resp: 10636
Ion Ratio Lower Upper
156 100
77 180.8 76.8 230.4
158 94.0 48.6 145.9

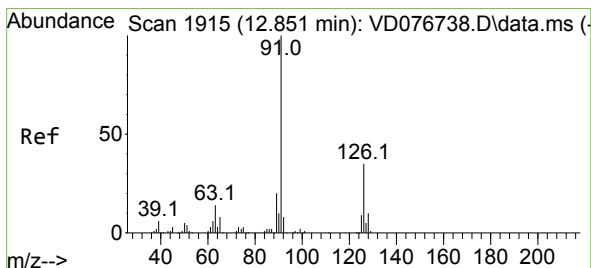
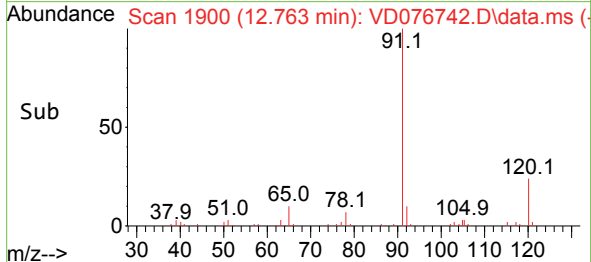
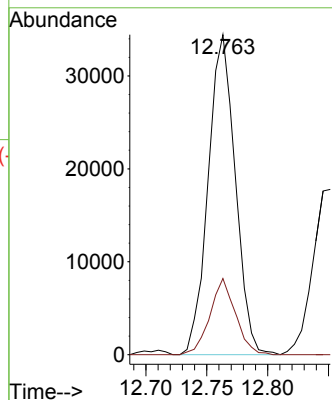
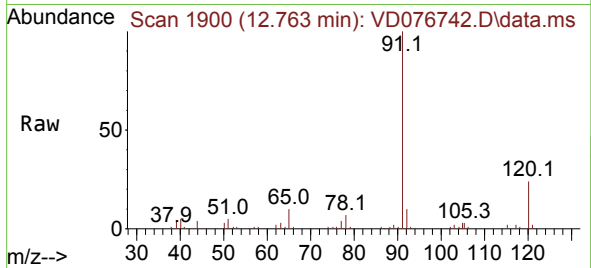




#78
n-propylbenzene
Concen: 4.758 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

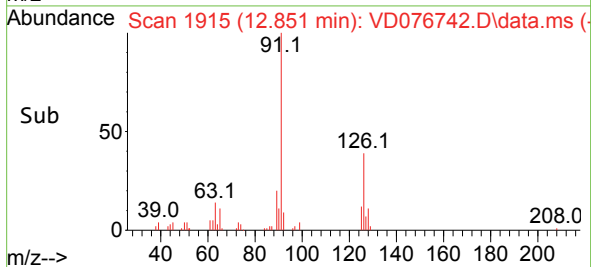
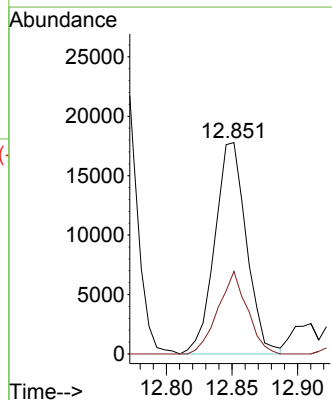
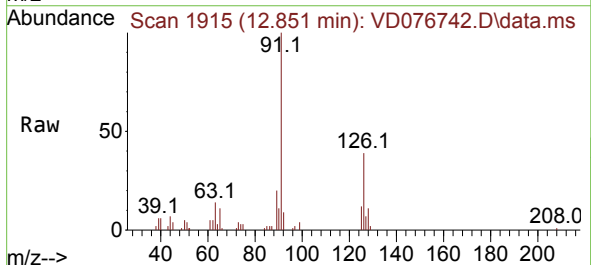
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

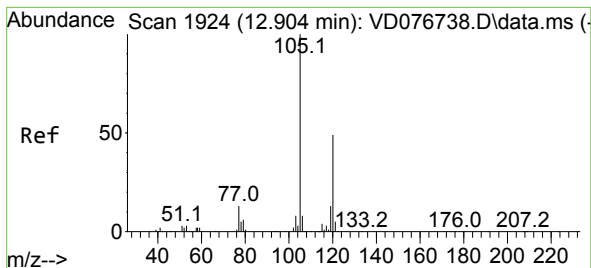
Tgt Ion: 91 Resp: 53417
Ion Ratio Lower Upper
91 100
120 22.4 12.4 37.2



#79
2-Chlorotoluene
Concen: 4.817 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 91 Resp: 29947
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.1





#80

1,3,5-Trimethylbenzene

Concen: 4.530 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

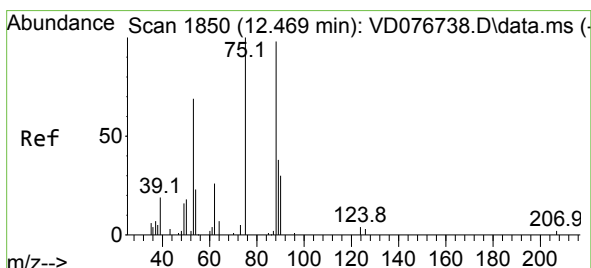
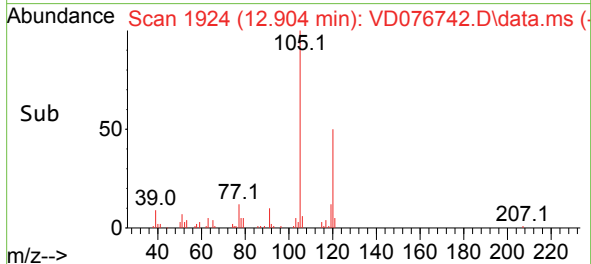
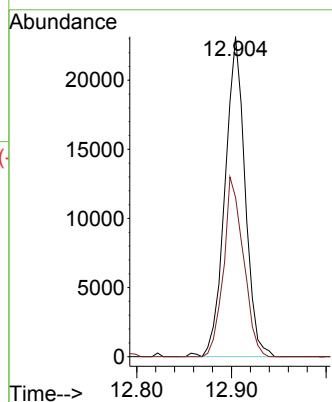
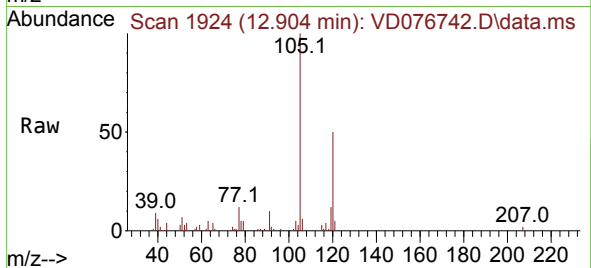
VSTDIC005

Tgt Ion:105 Resp: 34084

Ion Ratio Lower Upper

105 100

120 55.5 26.4 79.2



#81

trans-1,4-Dichloro-2-butene

Concen: 4.546 ug/l

RT: 12.469 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

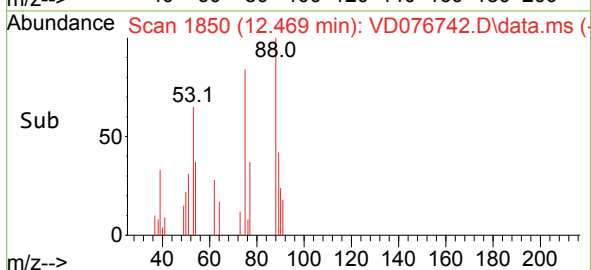
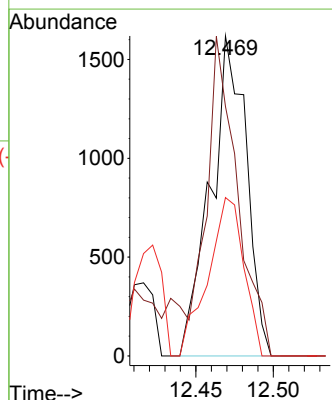
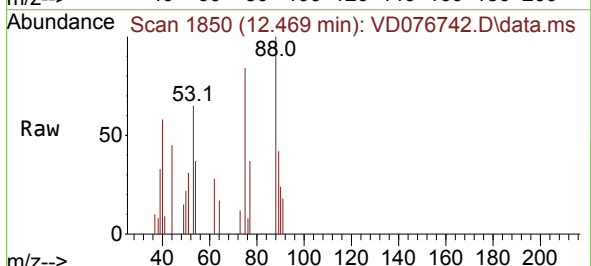
Tgt Ion: 75 Resp: 2596

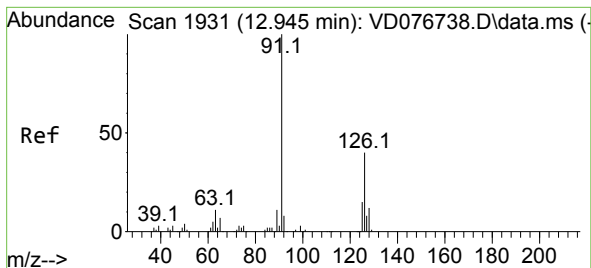
Ion Ratio Lower Upper

75 100

53 84.6 63.0 94.4

89 49.6 37.9 56.9





#82

4-Chlorotoluene

Concen: 4.655 ug/l

RT: 12.946 min Scan# 1931

Delta R.T. 0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

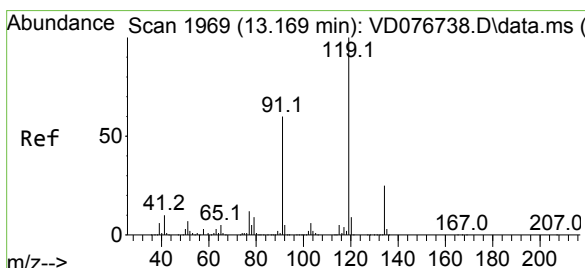
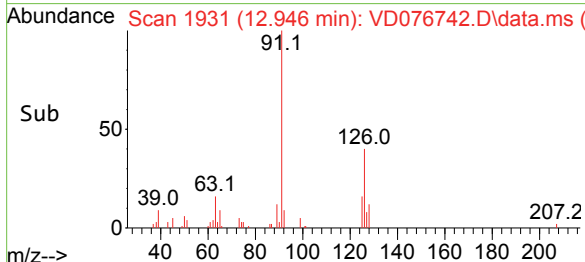
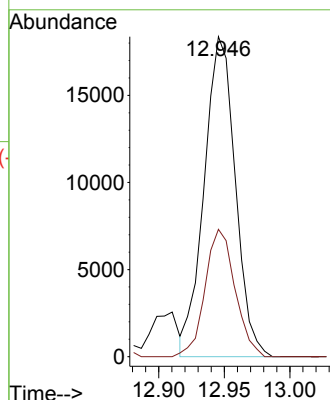
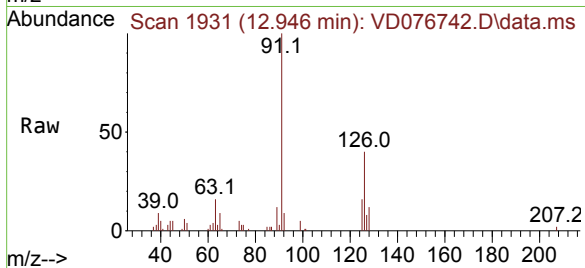
VSTDIC005

Tgt Ion: 91 Resp: 30363

Ion Ratio Lower Upper

91 100

126 38.3 19.4 58.4



#83

tert-Butylbenzene

Concen: 4.357 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

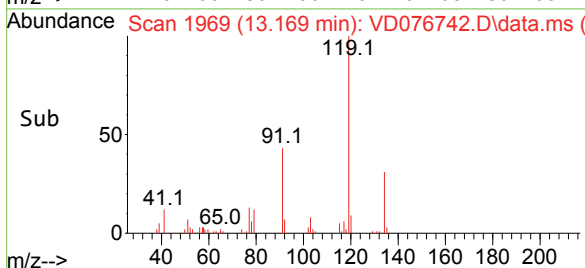
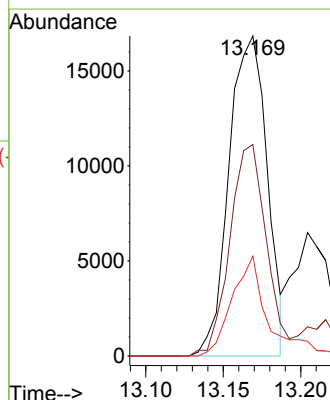
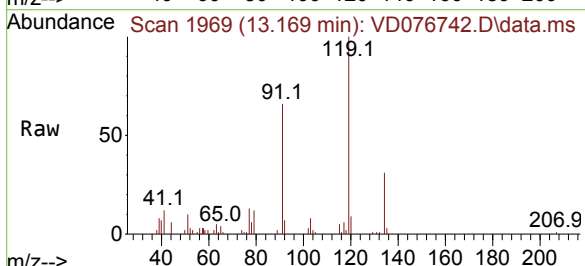
Tgt Ion: 119 Resp: 28864

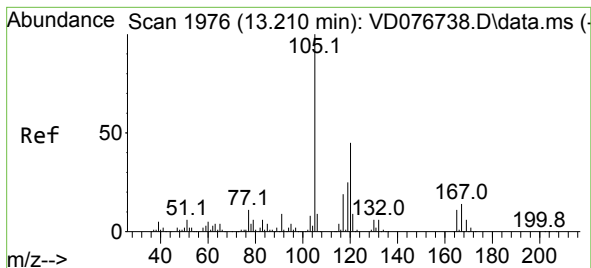
Ion Ratio Lower Upper

119 100

91 63.2 29.3 87.8

134 29.4 14.1 42.3





#84

1,2,4-Trimethylbenzene

Concen: 4.549 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

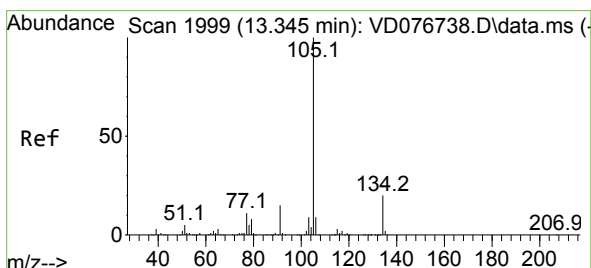
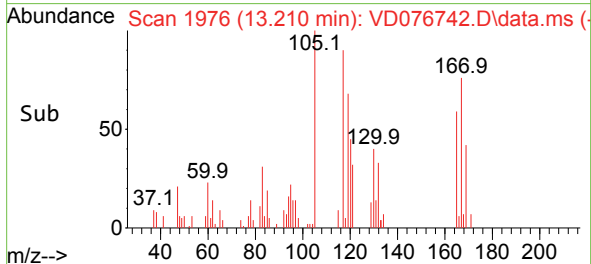
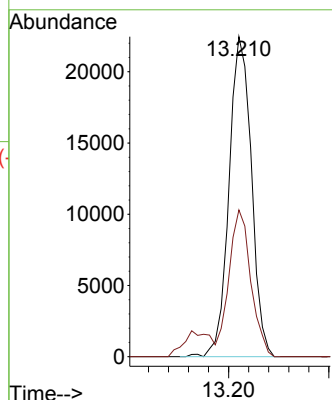
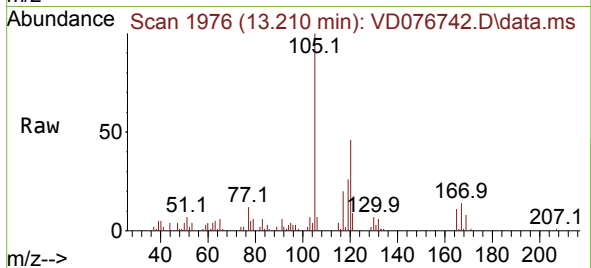
VSTDIC005

Tgt Ion:105 Resp: 34826

Ion Ratio Lower Upper

105 100

120 44.8 24.3 72.9



#85

sec-Butylbenzene

Concen: 4.522 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076742.D

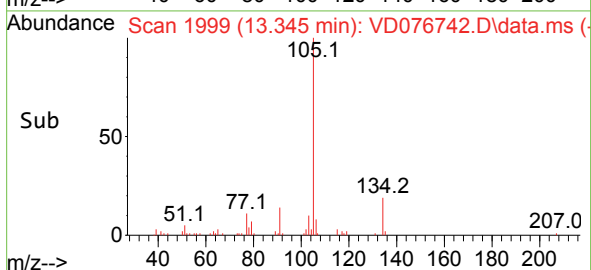
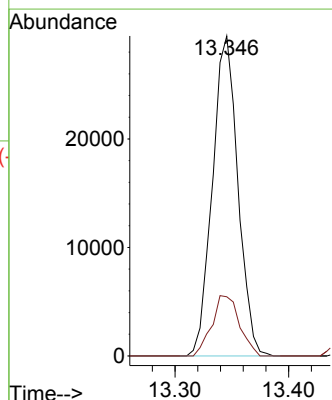
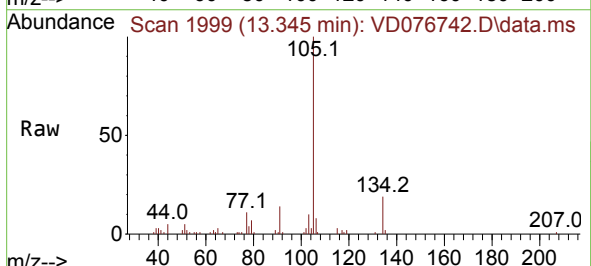
Acq: 14 Jul 2023 15:57

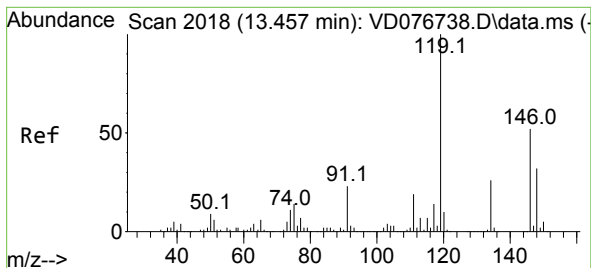
Tgt Ion:105 Resp: 45939

Ion Ratio Lower Upper

105 100

134 20.4 10.9 32.9





#86

p-Isopropyltoluene

Concen: 4.253 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

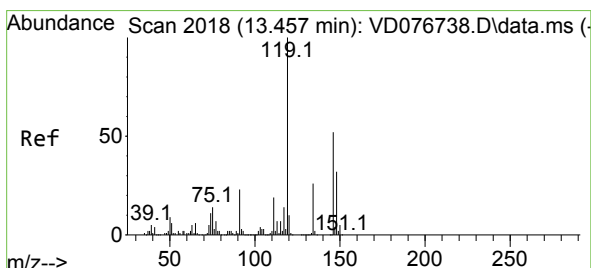
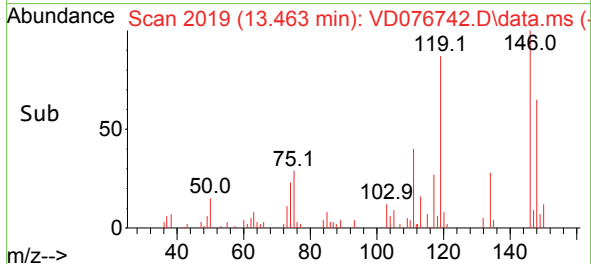
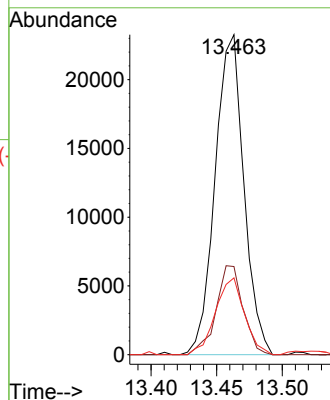
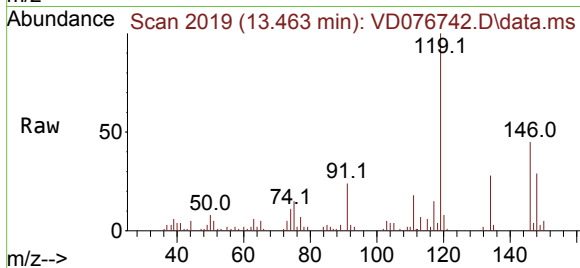
Tgt Ion:119 Resp: 35479

Ion Ratio Lower Upper

119 100

134 26.0 14.2 42.6

91 24.2 10.5 31.5



#87

1,3-Dichlorobenzene

Concen: 4.618 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

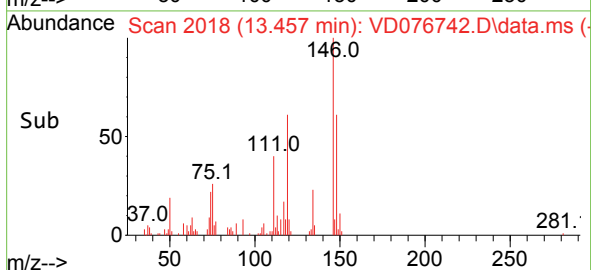
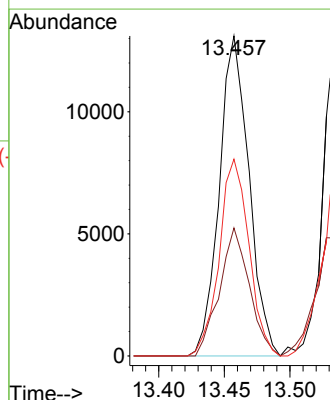
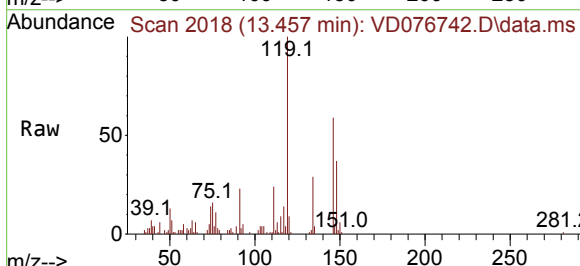
Tgt Ion:146 Resp: 20611

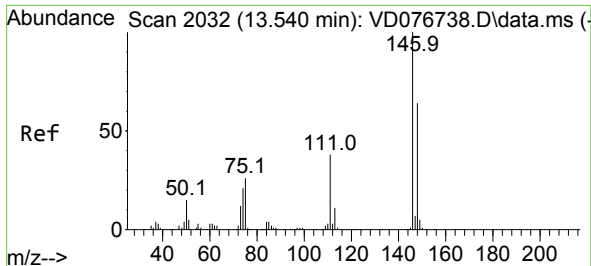
Ion Ratio Lower Upper

146 100

111 40.3 17.9 53.8

148 61.5 32.3 96.8

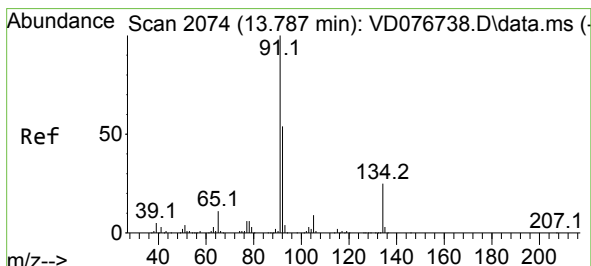
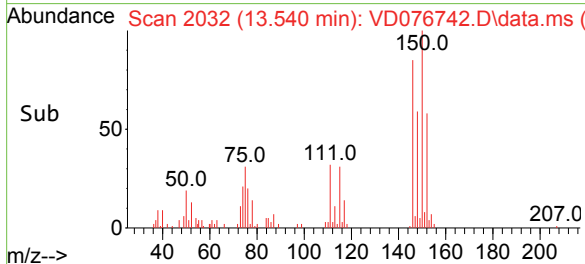
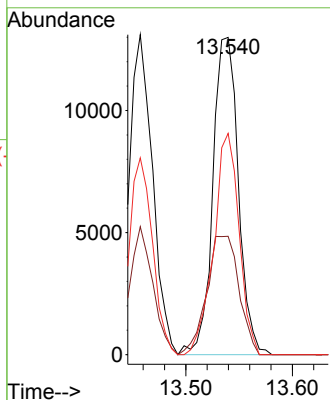
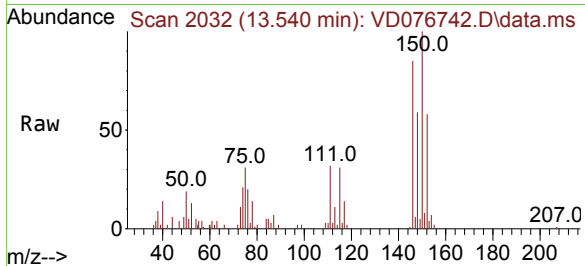




#88
1,4-Dichlorobenzene
Concen: 4.875 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

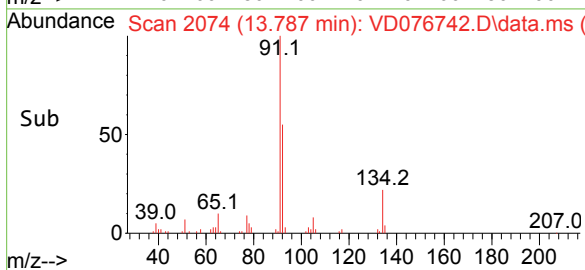
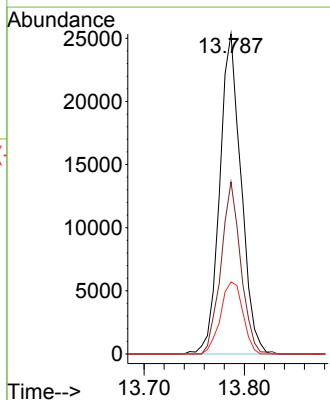
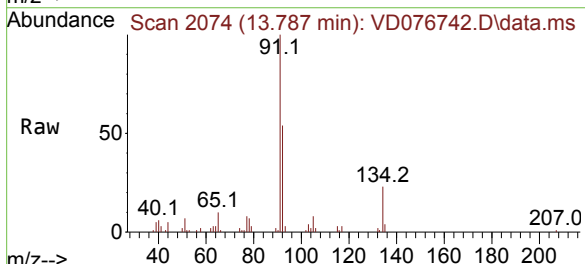
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

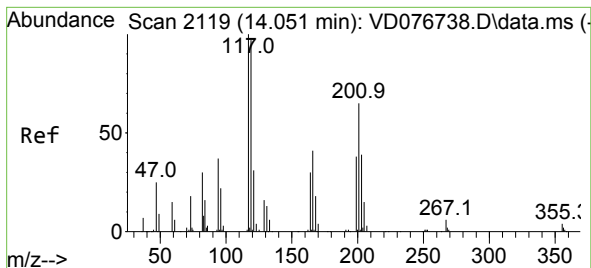
Tgt Ion:146 Resp: 21541
Ion Ratio Lower Upper
146 100
111 47.4 17.4 52.3
148 69.3 31.7 95.1



#89
n-Butylbenzene
Concen: 4.594 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 91 Resp: 37378
Ion Ratio Lower Upper
91 100
92 50.1 26.5 79.5
134 23.7 13.8 41.3

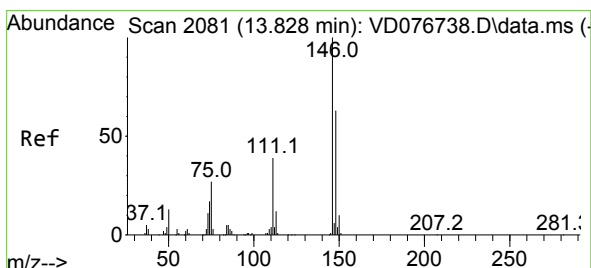
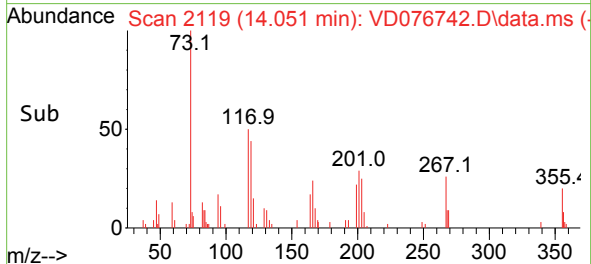
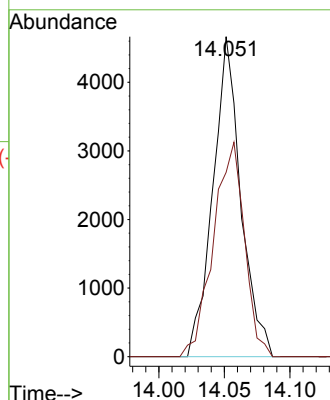
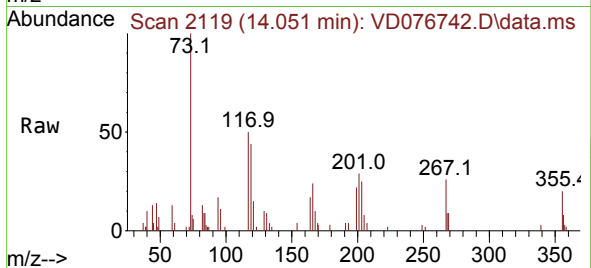




#90
Hexachloroethane
Concen: 4.404 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

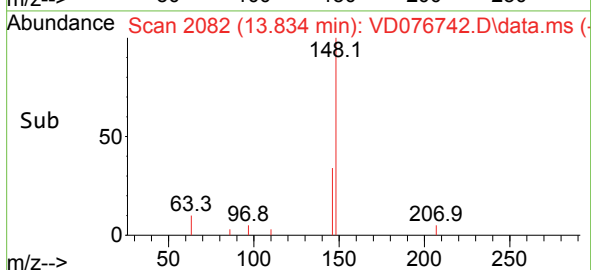
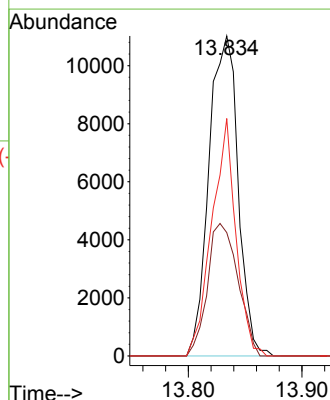
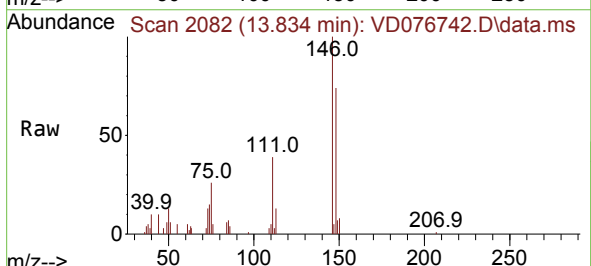
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

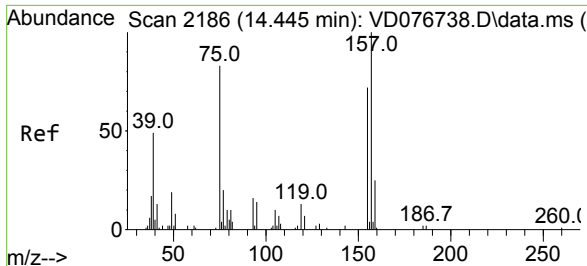
Tgt Ion:117 Resp: 6886
Ion Ratio Lower Upper
117 100
201 74.8 38.5 115.5



#91
1,2-Dichlorobenzene
Concen: 4.995 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion:146 Resp: 19623
Ion Ratio Lower Upper
146 100
111 43.4 18.3 54.8
148 61.4 31.6 94.7

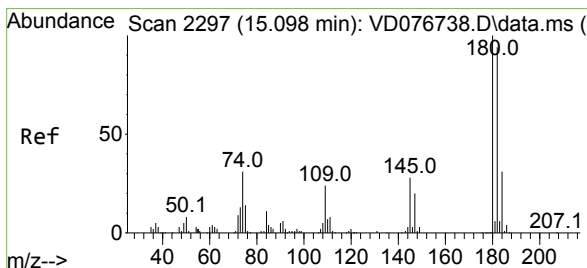
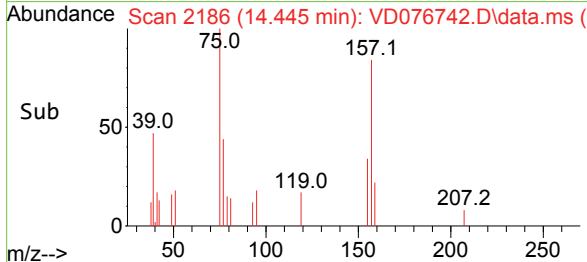
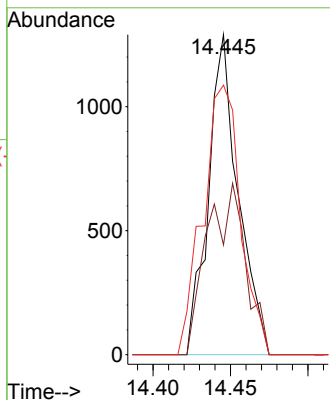
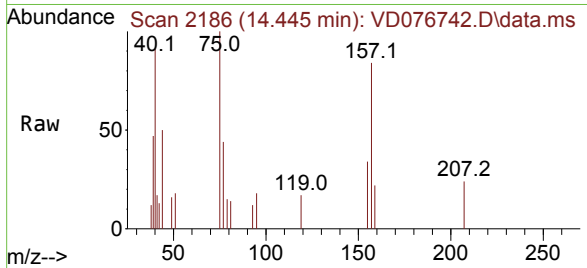




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.932 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD076742.D
 Acq: 14 Jul 2023 15:57

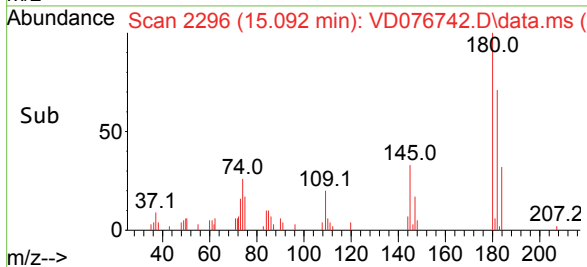
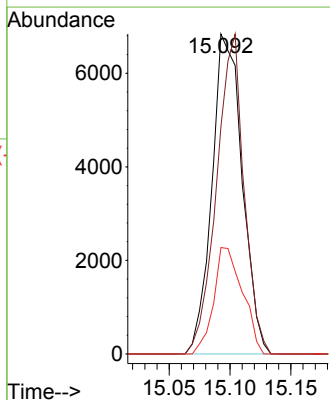
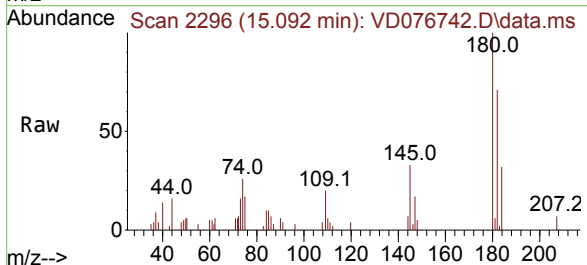
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

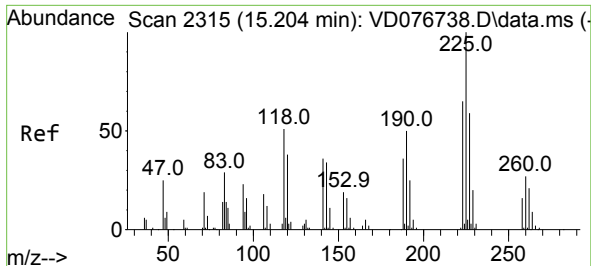
Tgt Ion:	75	Resp:	1724
Ion	Ratio	Lower	Upper
75	100		
155	68.9	47.9	143.8
157	106.4	59.9	179.7



#93
 1,2,4-Trichlorobenzene
 Concen: 4.907 ug/l
 RT: 15.092 min Scan# 2296
 Delta R.T. -0.006 min
 Lab File: VD076742.D
 Acq: 14 Jul 2023 15:57

Tgt Ion:	180	Resp:	11843
Ion	Ratio	Lower	Upper
180	100		
182	90.5	48.5	145.6
145	31.8	14.2	42.6

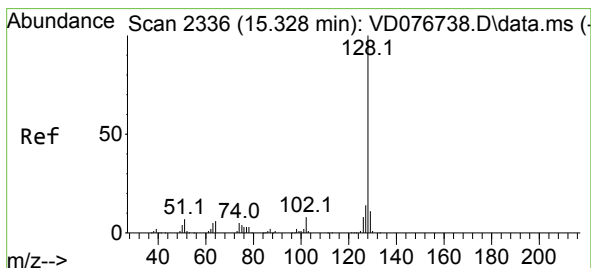
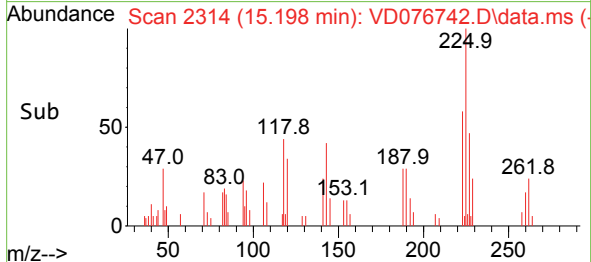
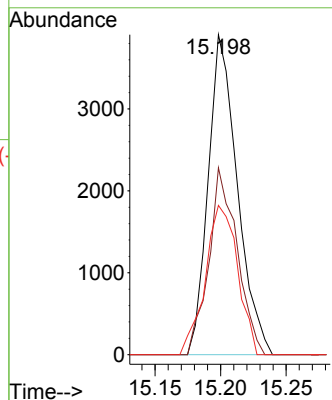
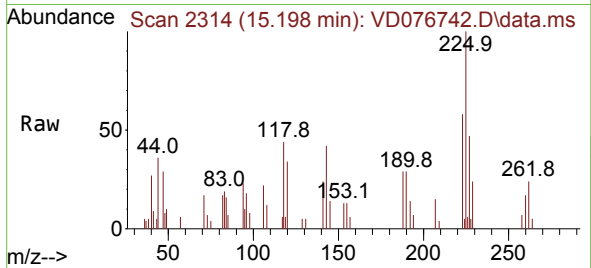




#94
Hexachlorobutadiene
Concen: 5.237 ug/l
RT: 15.198 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

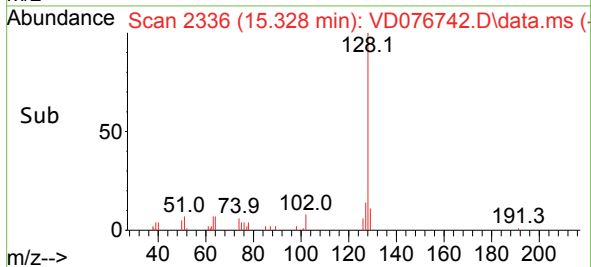
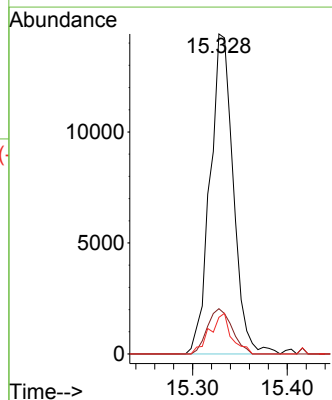
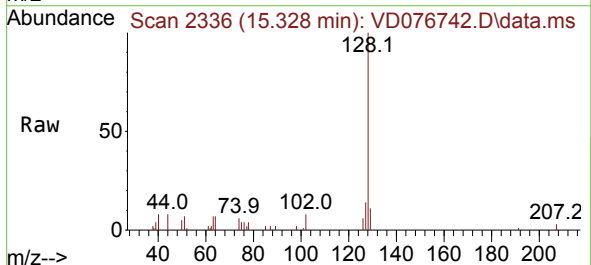
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

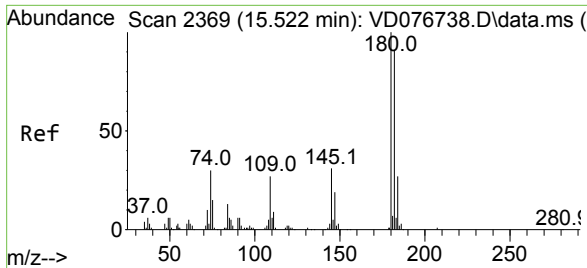
Tgt Ion:225 Resp: 6041
Ion Ratio Lower Upper
225 100
223 56.6 31.6 94.8
227 51.6 31.7 95.1



#95
Naphthalene
Concen: 4.821 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion:128 Resp: 24618
Ion Ratio Lower Upper
128 100
127 14.1 10.5 15.7
129 11.4 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 5.152 ug/l
 RT: 15.516 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD076742.D
 Acq: 14 Jul 2023 15:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion:	180	Resp:	10995
Ion Ratio	Lower	Upper	
180	100		
182	89.1	47.3	141.9
145	33.9	15.1	45.3

