

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041023\
 Data File : VD075611.D
 Acq On : 10 Apr 2023 17:25
 Operator : KP/SY
 Sample : VSTDIC005
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 11 02:38:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 02:29:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	397993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	891731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	839366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	312901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	17744	5.015	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.040%#
35) Dibromofluoromethane	7.805	113	21986	3.697	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	7.400%#
50) Toluene-d8	10.269	98	95667	4.102	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	8.200%#
62) 4-Bromofluorobenzene	12.575	95	22495	3.236	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	6.480%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	15397	4.040	ug/l	98
3) Chloromethane	2.146	50	29185	4.597	ug/l	94
4) Vinyl Chloride	2.281	62	37342	4.050	ug/l	97
5) Bromomethane	2.687	94	29345	4.074	ug/l	99
6) Chloroethane	2.834	64	25936	4.188	ug/l	95
7) Trichlorofluoromethane	3.175	101	30973	4.156	ug/l	95
8) Diethyl Ether	3.593	74	9338	4.645	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.964	101	20223	4.161	ug/l	97
10) Methyl Iodide	4.169	142	19988	3.449	ug/l	91
11) Tert butyl alcohol	5.052	59	2615	16.108	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	18306	3.853	ug/l #	75
13) Acrolein	3.793	56	7668	24.382	ug/l	92
14) Allyl chloride	4.564	41	17063	4.128	ug/l #	79
15) Acrylonitrile	5.258	53	18500	24.698	ug/l	97
16) Acetone	4.022	43	16822	25.531	ug/l #	67
17) Carbon Disulfide	4.269	76	49861	3.525	ug/l	97
18) Methyl Acetate	4.564	43	9755	5.113	ug/l #	69
19) Methyl tert-butyl Ether	5.322	73	38441	4.533	ug/l #	86
20) Methylene Chloride	4.799	84	42350	6.553	ug/l #	73
21) trans-1,2-Dichloroethene	5.311	96	21679	3.976	ug/l #	72
22) Diisopropyl ether	6.216	45	40044	4.397	ug/l #	88
23) Vinyl Acetate	6.158	43	94391	21.913	ug/l #	87
24) 1,1-Dichloroethane	6.116	63	35805	4.567	ug/l #	93
25) 2-Butanone	7.081	43	21509	25.924	ug/l #	87
26) 2,2-Dichloropropane	7.081	77	33313	4.629	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	25379	4.300	ug/l	81
28) Bromochloromethane	7.428	49	12690	5.026	ug/l #	16
29) Tetrahydrofuran	7.452	42	10197	22.435	ug/l #	51
30) Chloroform	7.599	83	39699	4.544	ug/l	92
31) Cyclohexane	7.881	56	28835	4.667	ug/l #	52
32) 1,1,1-Trichloroethane	7.793	97	32805	4.300	ug/l	94
36) 1,1-Dichloropropene	8.010	75	26551	3.028	ug/l	94
37) Ethyl Acetate	7.163	43	8115	3.495	ug/l #	80
38) Carbon Tetrachloride	7.999	117	25426	3.037	ug/l	99
39) Methylcyclohexane	9.275	83	34260	3.133	ug/l #	87
40) Benzene	8.252	78	88488	3.336	ug/l	97

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 Data File : VD075611.D
 Acq On : 10 Apr 2023 17:25
 Operator : KP/SY
 Sample : VSTDICC010
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 11 02:38:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 02:29:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	4617	3.751	ug/l #	60
42) 1,2-Dichloroethane	8.328	62	22270	3.789	ug/l	89
43) Isopropyl Acetate	8.357	43	15987	3.699	ug/l #	75
44) Trichloroethene	9.028	130	31828	4.101	ug/l	95
45) 1,2-Dichloropropane	9.304	63	23870	4.159	ug/l	95
46) Dibromomethane	9.393	93	14427	4.057	ug/l #	84
47) Bromodichloromethane	9.587	83	36367	4.244	ug/l	100
48) Methyl methacrylate	9.381	41	7297	3.624	ug/l #	58
49) 1,4-Dioxane	9.387	88	2578	80.753	ug/l #	60
51) 4-Methyl-2-Pentanone	10.157	43	48678	21.643	ug/l #	79
52) Toluene	10.334	92	66516	3.874	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	30995	4.018	ug/l	100
54) cis-1,3-Dichloropropene	10.022	75	37741	3.987	ug/l #	73
55) 1,1,2-Trichloroethane	10.740	97	22748	4.511	ug/l	88
56) Ethyl methacrylate	10.598	69	19233	4.009	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	33629	4.346	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	47196	20.305	ug/l #	82
59) 2-Hexanone	10.922	43	33233	20.978	ug/l	73
60) Dibromochloromethane	11.075	129	26410	4.437	ug/l	97
61) 1,2-Dibromoethane	11.181	107	21326	4.434	ug/l	100
64) Tetrachloroethene	10.810	164	25933	4.136	ug/l	97
65) Chlorobenzene	11.610	112	80207	4.140	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	27607	4.135	ug/l	92
67) Ethyl Benzene	11.687	91	121369	3.677	ug/l	94
68) m/p-Xylenes	11.793	106	97984	7.379	ug/l	88
69) o-Xylene	12.122	106	35149	2.832	ug/l	95
70) Styrene	12.134	104	60521	2.920	ug/l	94
71) Bromoform	12.298	173	11466	3.312	ug/l #	97
73) Isopropylbenzene	12.422	105	90924	3.758	ug/l	100
74) N-amyl acetate	12.234	43	13972	4.561	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.675	83	19860	4.758	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	22748	8.651	ug/l #	100
77) Bromobenzene	12.698	156	22830	3.886	ug/l	98
78) n-propylbenzene	12.763	91	111930	3.803	ug/l	98
79) 2-Chlorotoluene	12.851	91	64985	4.061	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	72431	3.638	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.475	75	5386	4.503	ug/l #	75
82) 4-Chlorotoluene	12.945	91	66052	3.987	ug/l	93
83) tert-Butylbenzene	13.169	119	61170	3.539	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	74099	3.837	ug/l	97
85) sec-Butylbenzene	13.345	105	99223	3.717	ug/l	99
86) p-Isopropyltoluene	13.463	119	80421	3.683	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	50317	4.168	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	52474	4.385	ug/l	95
89) n-Butylbenzene	13.787	91	74929	3.753	ug/l	98
90) Hexachloroethane	14.057	117	17296	4.146	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	43313	4.237	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2739	5.355	ug/l	93
93) 1,2,4-Trichlorobenzene	15.104	180	22473	3.865	ug/l	99
94) Hexachlorobutadiene	15.204	225	11264	4.091	ug/l	97
95) Naphthalene	15.334	128	40706	3.812	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	20708	4.117	ug/l	97

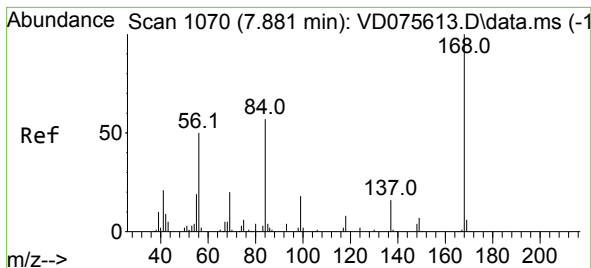
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Data File : VD075611.D
Acq On : 10 Apr 2023 17:25
Operator : KP/SY
Sample : VSTDICC010
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Quant Time: Apr 11 02:38:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041123S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 11 02:29:16 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

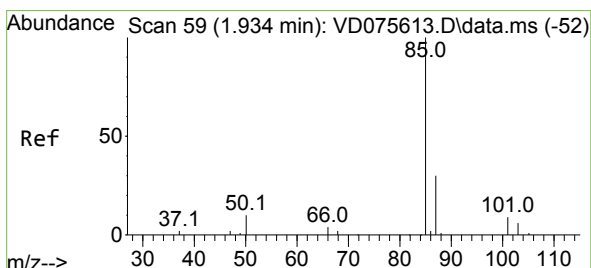
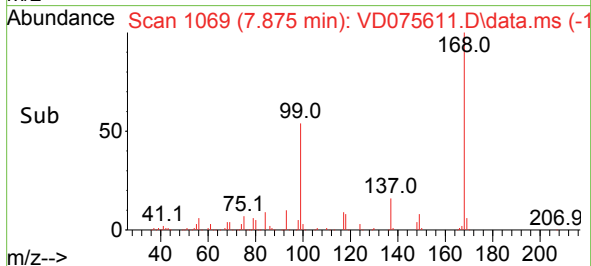
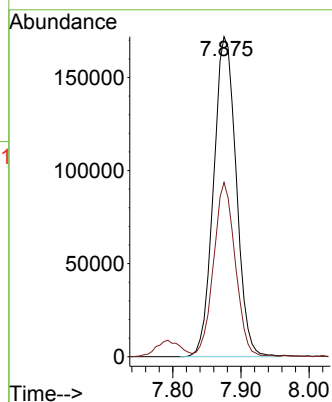
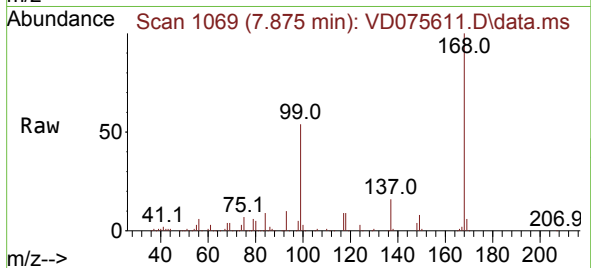
VSTDIC005

Tgt Ion:168 Resp: 397993

Ion Ratio Lower Upper

168 100

99 54.3 43.8 65.6



#2

Dichlorodifluoromethane

Concen: 4.040 ug/l

RT: 1.928 min Scan# 58

Delta R.T. -0.006 min

Lab File: VD075611.D

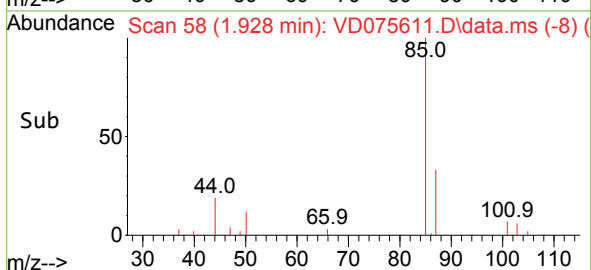
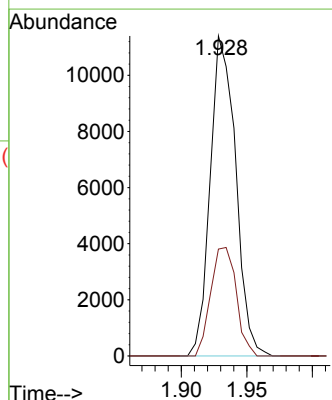
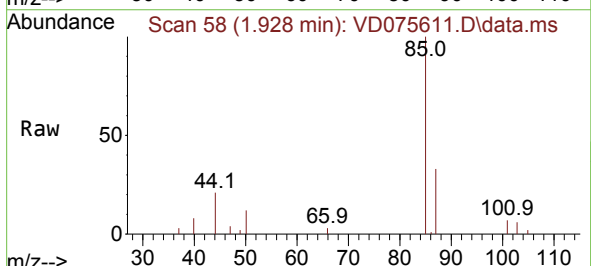
Acq: 10 Apr 2023 17:25

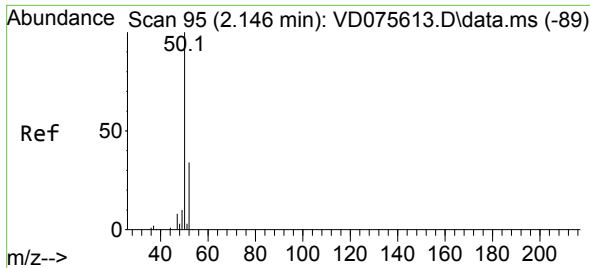
Tgt Ion: 85 Resp: 15397

Ion Ratio Lower Upper

85 100

87 33.4 17.3 51.7

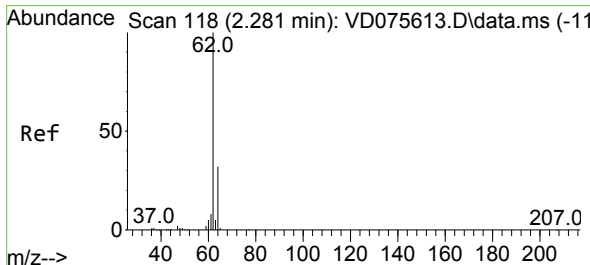
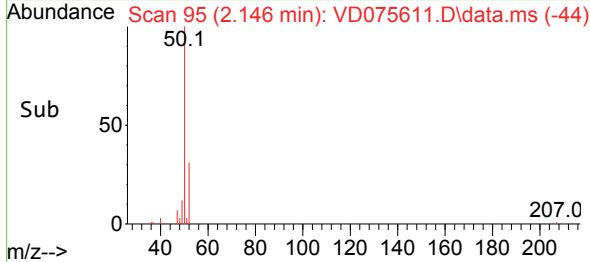
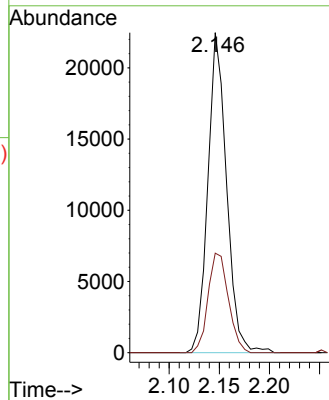
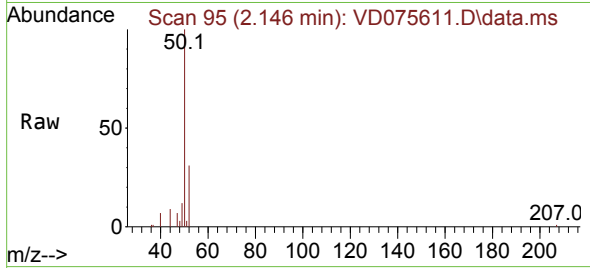




#3
Chloromethane
Concen: 4.597 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

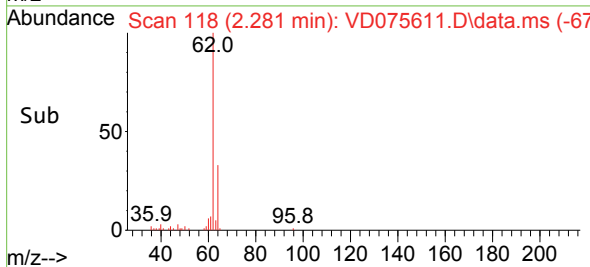
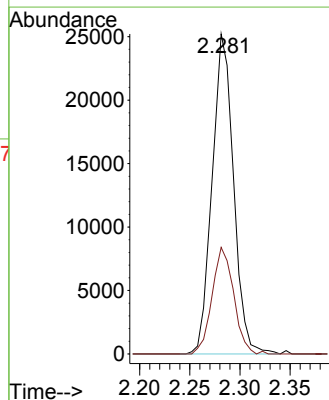
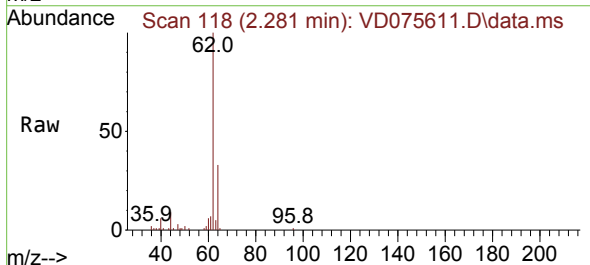
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

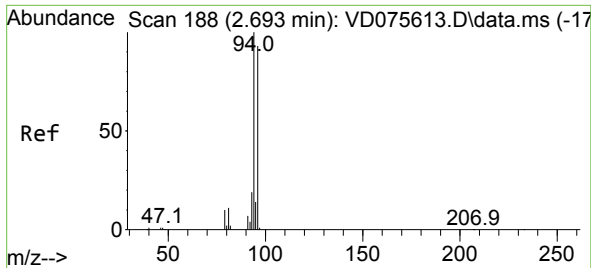
Tgt Ion: 50 Resp: 29185
Ion Ratio Lower Upper
50 100
52 31.1 27.8 41.8



#4
Vinyl Chloride
Concen: 4.050 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion: 62 Resp: 37342
Ion Ratio Lower Upper
62 100
64 33.3 25.4 38.0

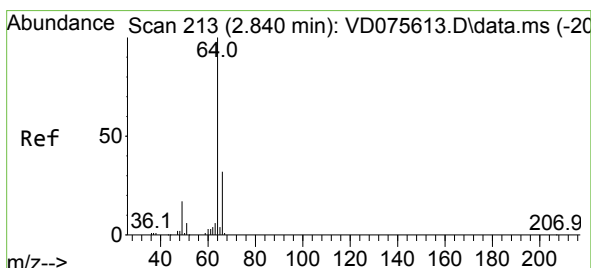
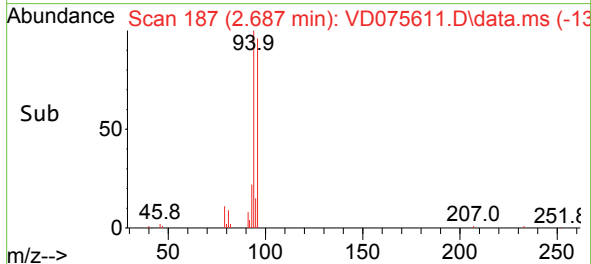
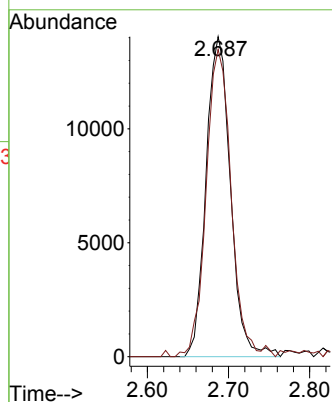
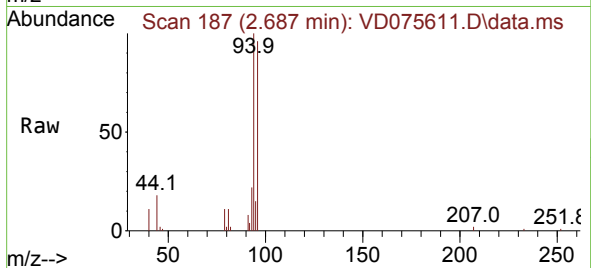




#5
Bromomethane
Concen: 4.074 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

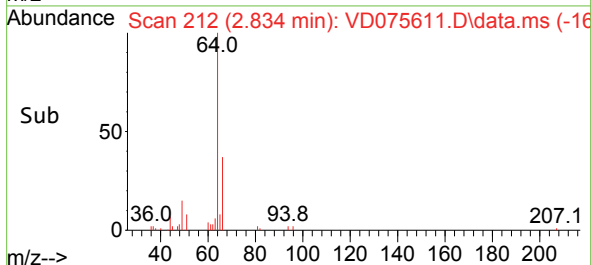
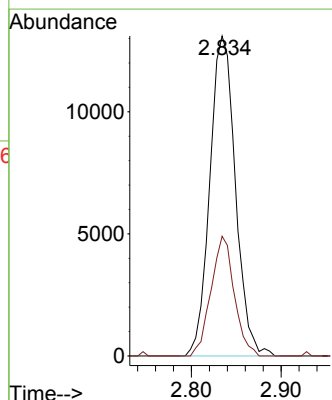
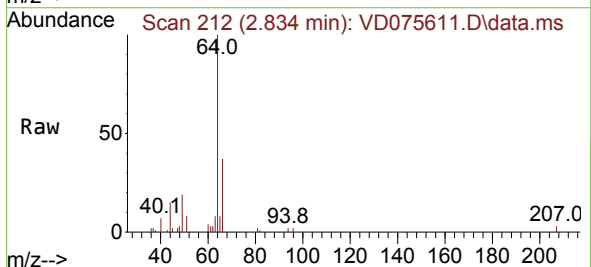
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

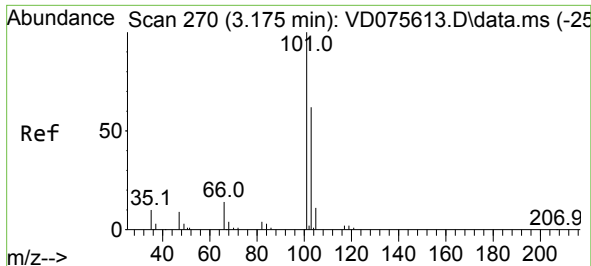
Tgt Ion: 94 Resp: 29345
Ion Ratio Lower Upper
94 100
96 97.8 77.5 116.3



#6
Chloroethane
Concen: 4.188 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion: 64 Resp: 25936
Ion Ratio Lower Upper
64 100
66 37.4 27.7 41.5

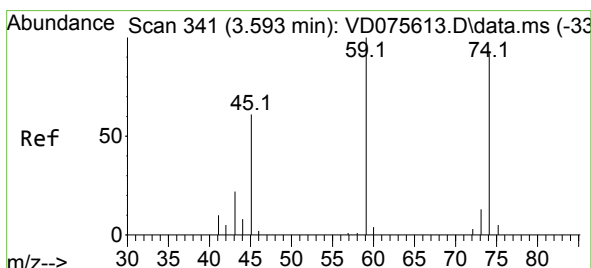
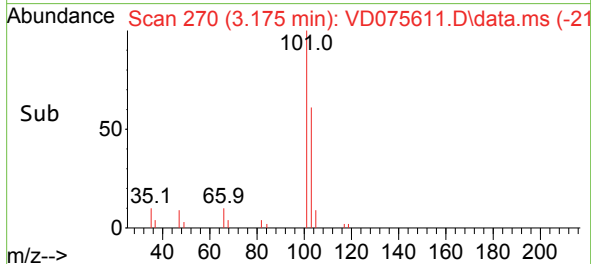
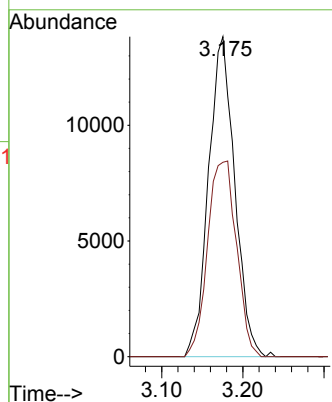
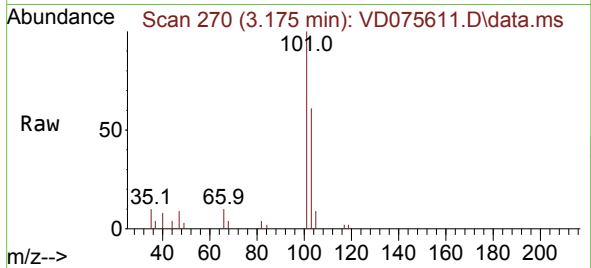




#7
Trichlorofluoromethane
Concen: 4.156 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

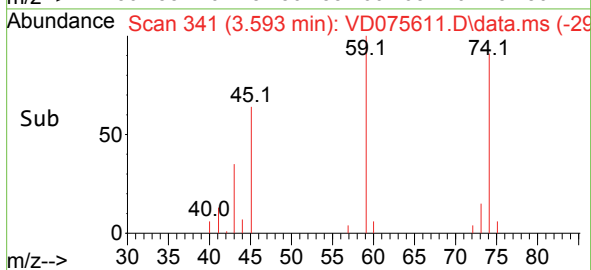
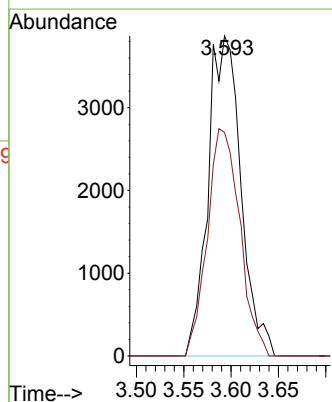
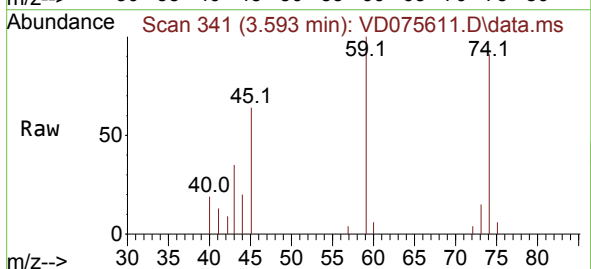
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

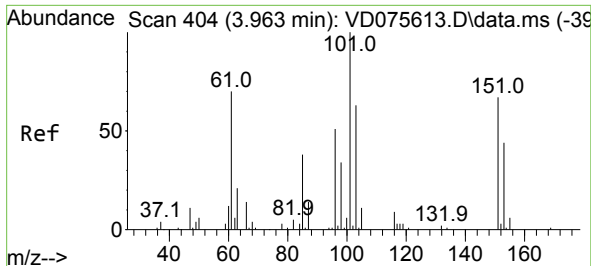
Tgt Ion:101 Resp: 30973
Ion Ratio Lower Upper
101 100
103 60.8 51.9 77.9



#8
Diethyl Ether
Concen: 4.645 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion: 74 Resp: 9338
Ion Ratio Lower Upper
74 100
45 70.2 50.9 152.7

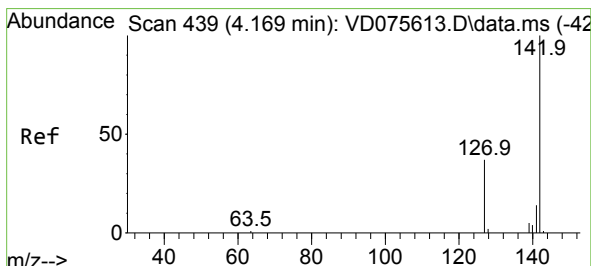
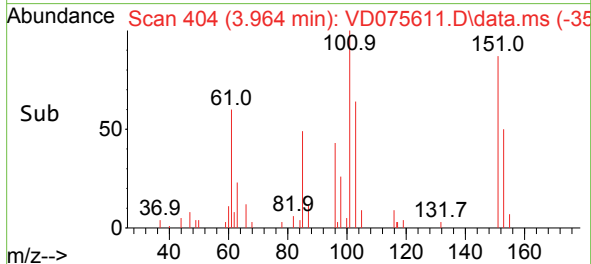
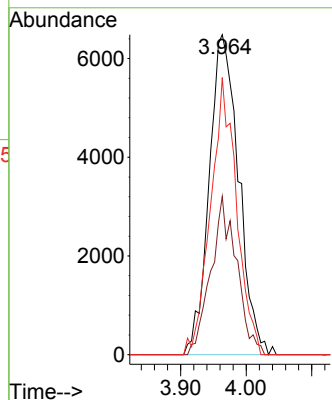
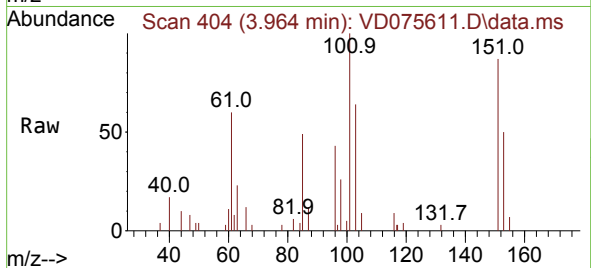




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.161 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

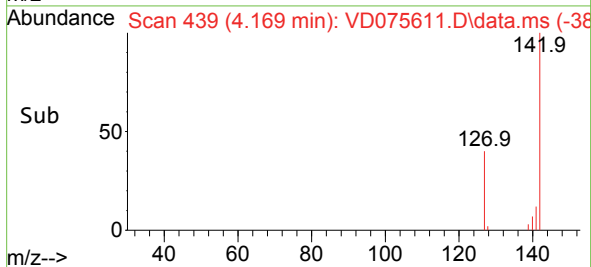
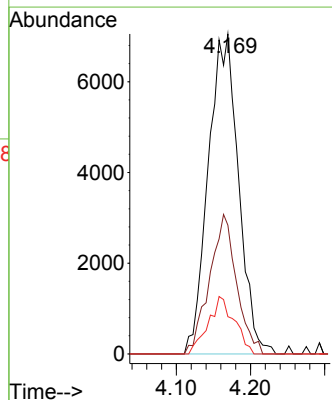
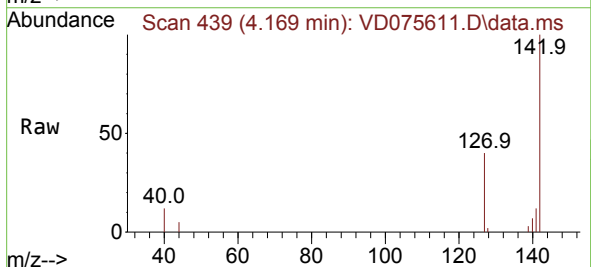
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

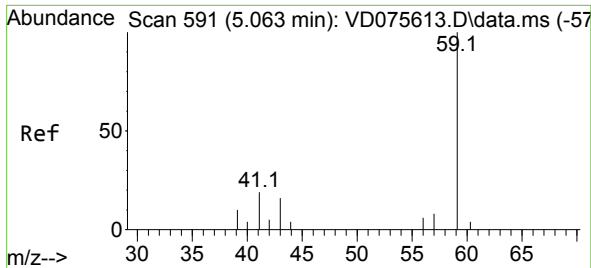
Tgt Ion:101 Resp: 20223
Ion Ratio Lower Upper
101 100
85 43.4 38.3 57.5
151 76.3 60.4 90.6



#10
Methyl Iodide
Concen: 3.449 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion:142 Resp: 19988
Ion Ratio Lower Upper
142 100
127 39.0 37.1 55.7
141 15.5 11.3 16.9

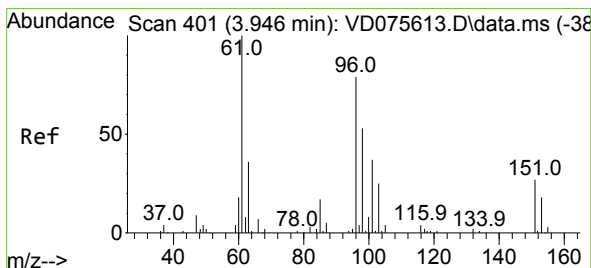
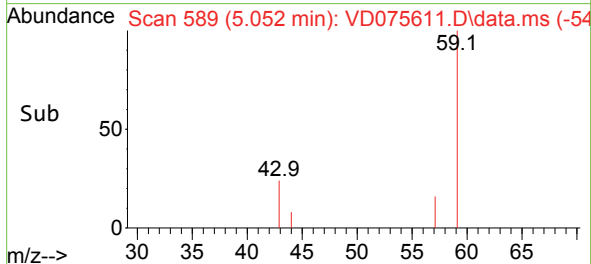
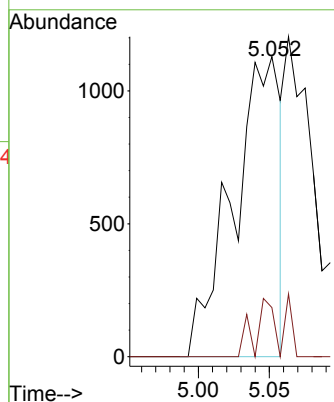
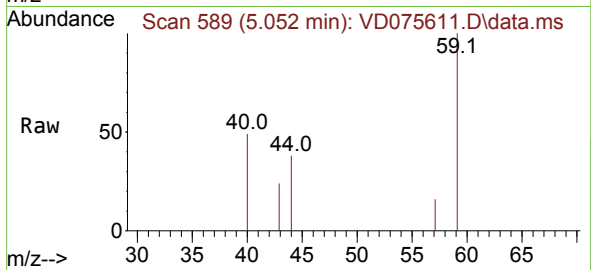




#11
Tert butyl alcohol
Concen: 16.108 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.011 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

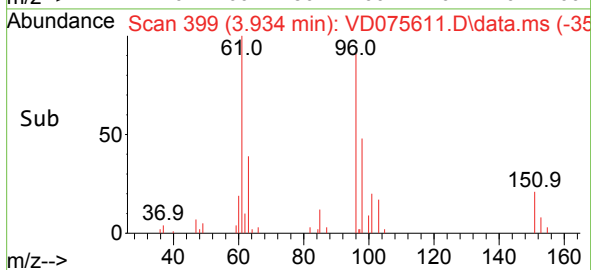
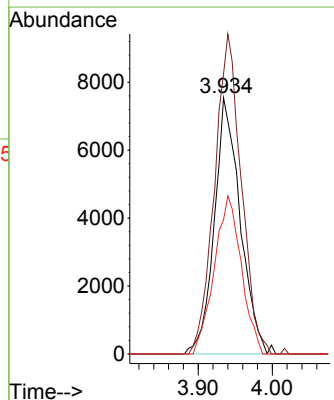
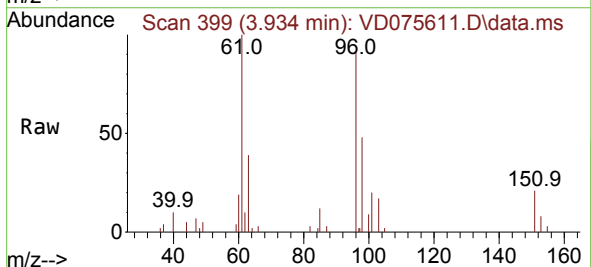
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

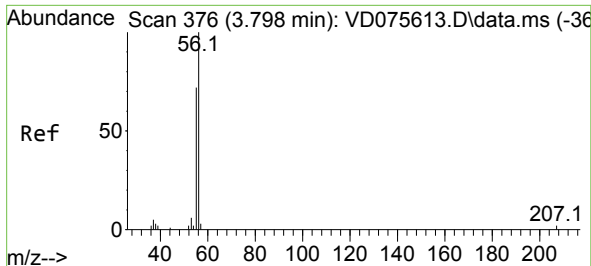
Tgt Ion: 59 Resp: 2615
Ion Ratio Lower Upper
59 100
57 7.6 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 3.853 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.011 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion: 96 Resp: 18306
Ion Ratio Lower Upper
96 100
61 109.4 118.6 177.8#
98 52.4 49.7 74.5

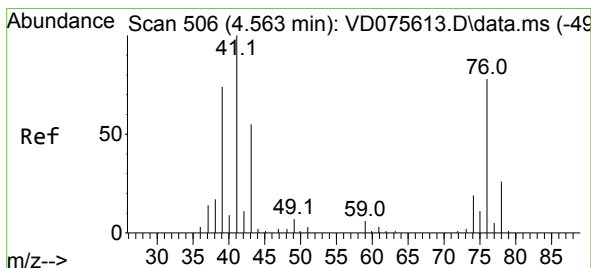
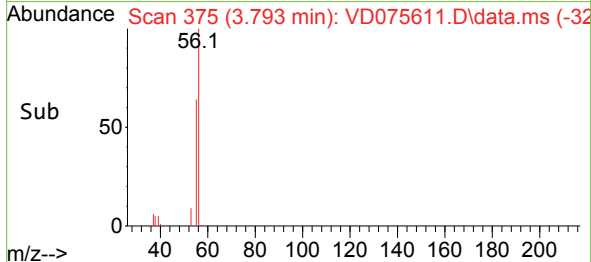
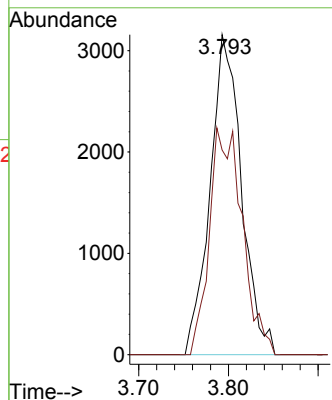
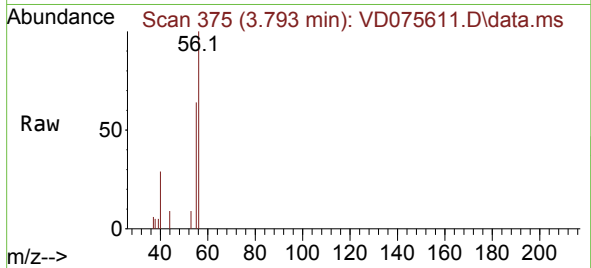




#13
Acrolein
Concen: 24.382 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

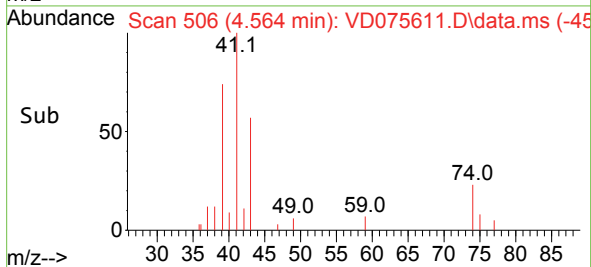
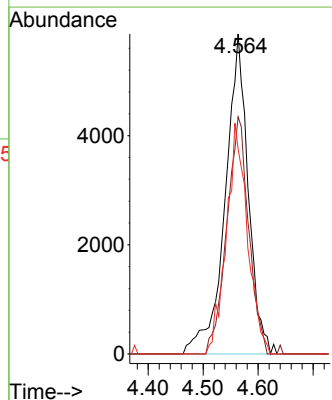
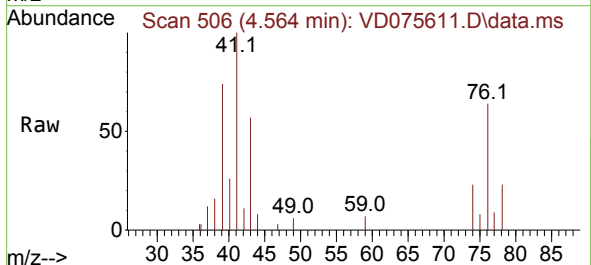
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

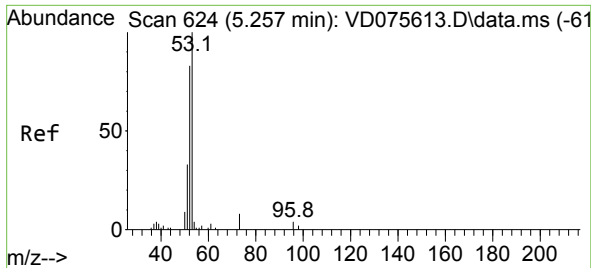
Tgt Ion: 56 Resp: 7668
Ion Ratio Lower Upper
56 100
55 74.1 53.9 80.9



#14
Allyl chloride
Concen: 4.128 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion: 41 Resp: 17063
Ion Ratio Lower Upper
41 100
39 70.5 60.6 90.8
76 66.1 28.6 43.0#

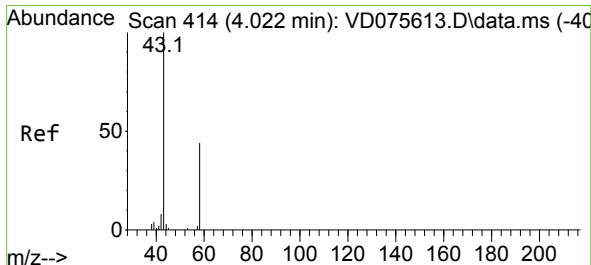
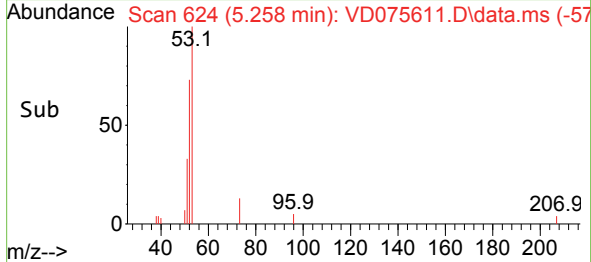
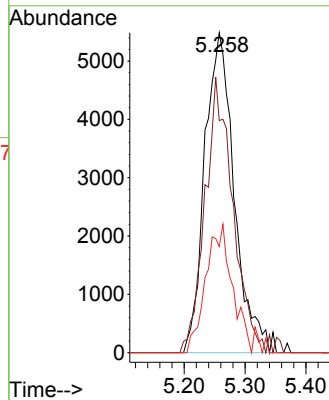
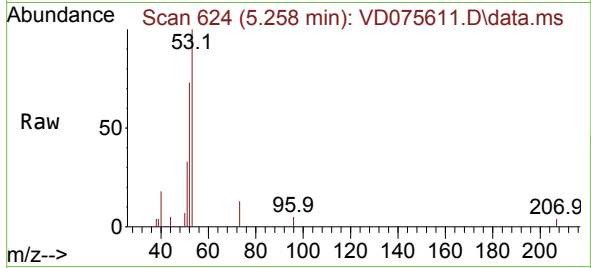




#15
Acrylonitrile
Concen: 24.698 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

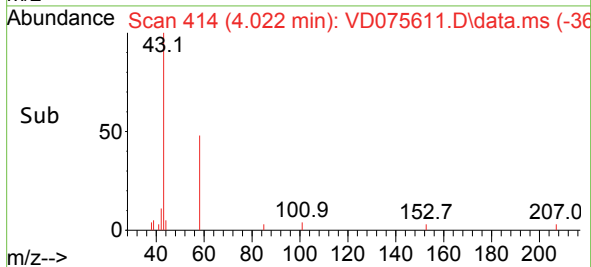
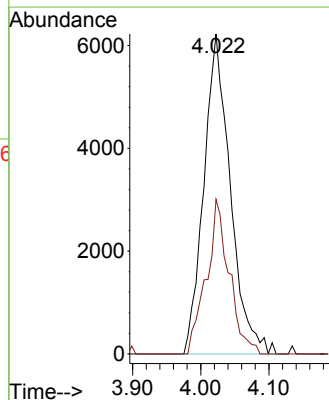
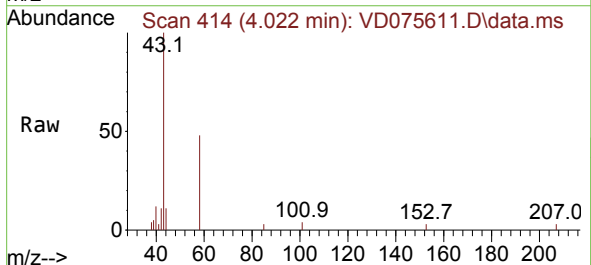
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

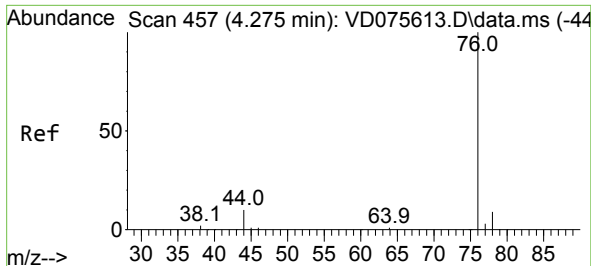
Tgt Ion: 53	Resp: 18500
Ion Ratio	Lower Upper
53 100	
52 80.9	66.2 99.4
51 35.7	30.7 46.1



#16
Acetone
Concen: 25.531 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion: 43	Resp: 16822
Ion Ratio	Lower Upper
43 100	
58 48.3	24.4 36.6#

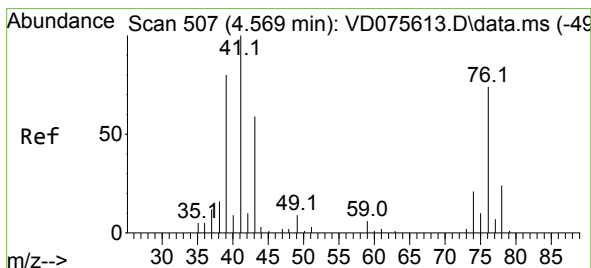
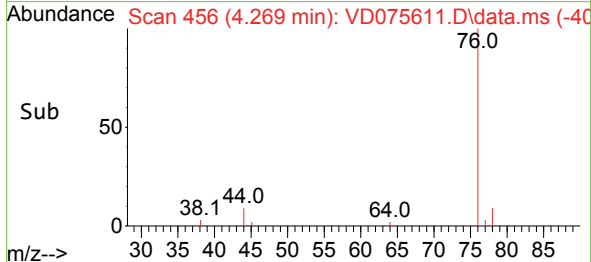
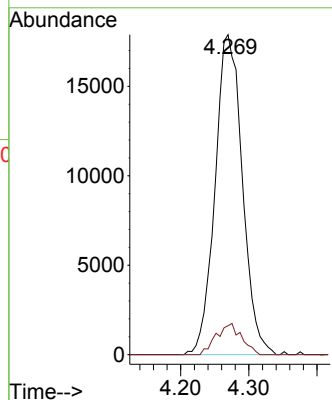
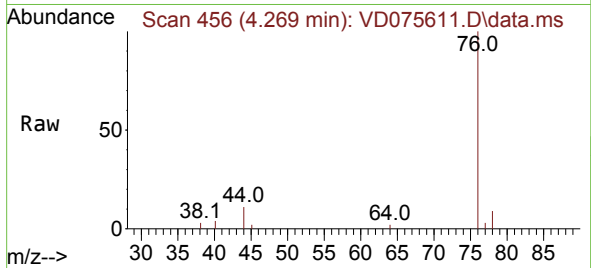




#17
Carbon Disulfide
Concen: 3.525 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

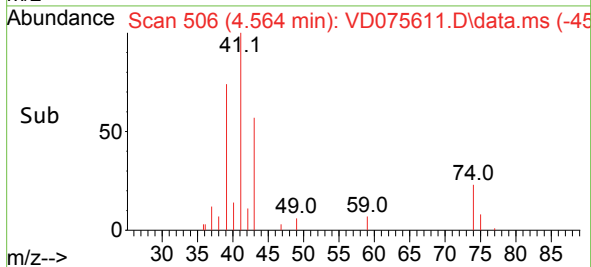
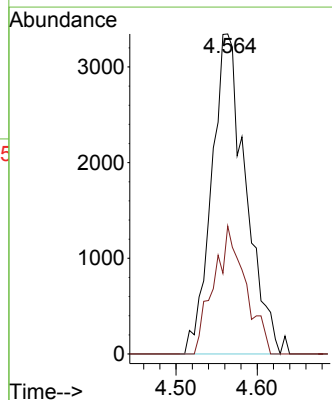
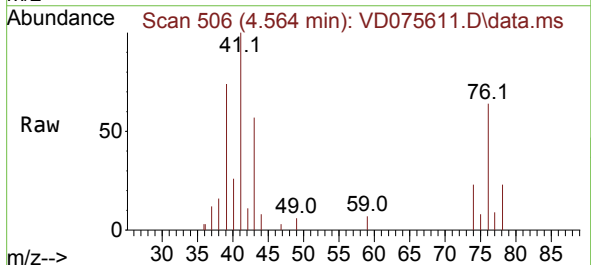
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

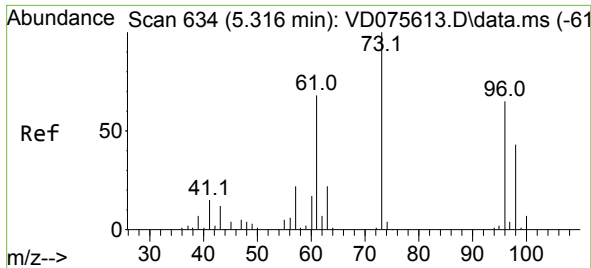
Tgt Ion: 76 Resp: 49861
Ion Ratio Lower Upper
76 100
78 9.1 8.0 12.0



#18
Methyl Acetate
Concen: 5.113 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion: 43 Resp: 9755
Ion Ratio Lower Upper
43 100
74 37.2 17.8 26.6#

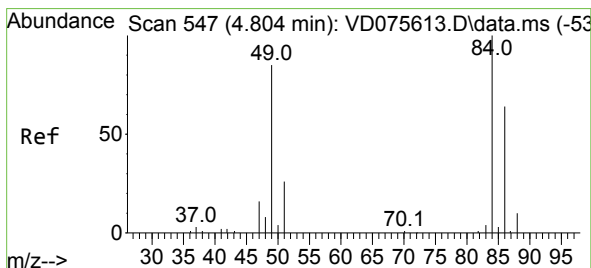
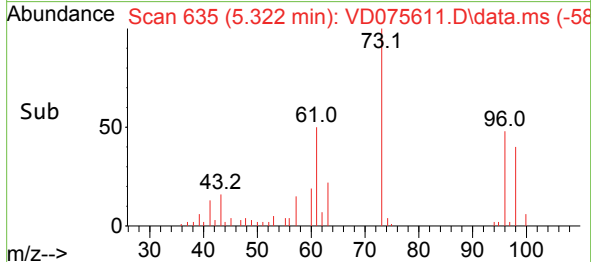
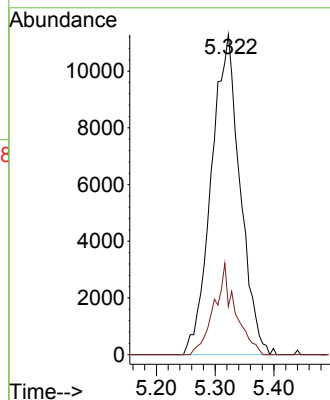
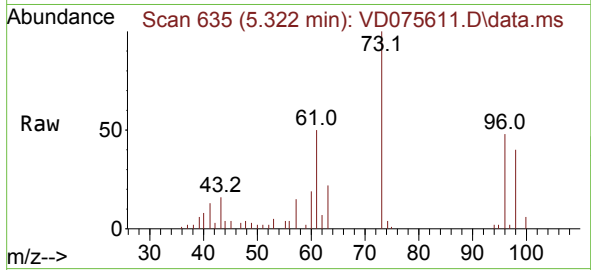




#19
Methyl tert-butyl Ether
Concen: 4.533 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

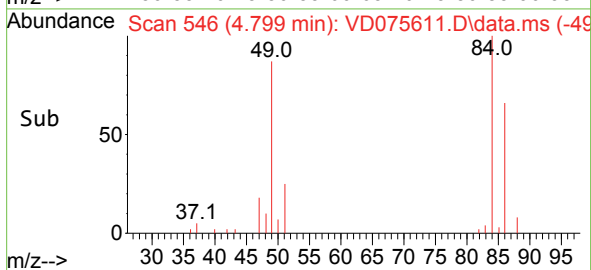
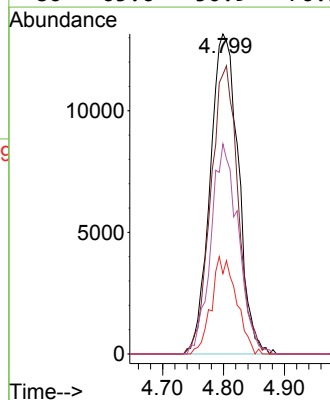
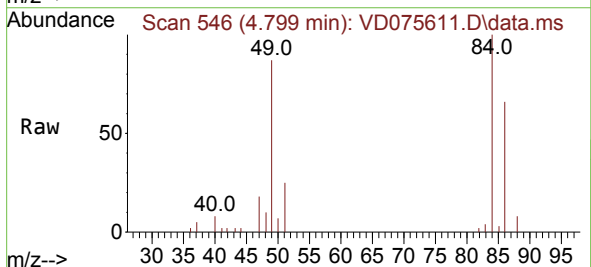
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

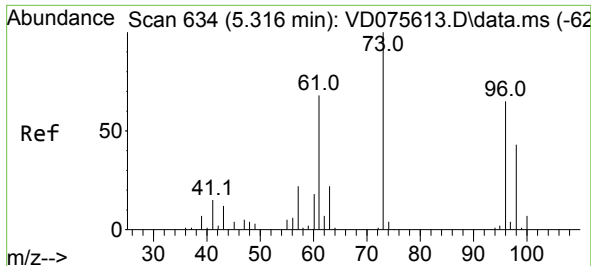
Tgt Ion: 73 Resp: 38441
Ion Ratio Lower Upper
73 100
57 15.0 17.2 25.8#



#20
Methylene Chloride
Concen: 6.553 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion: 84 Resp: 42350
Ion Ratio Lower Upper
84 100
49 87.4 106.4 159.6#
51 25.1 32.4 48.6#
86 65.6 50.9 76.3

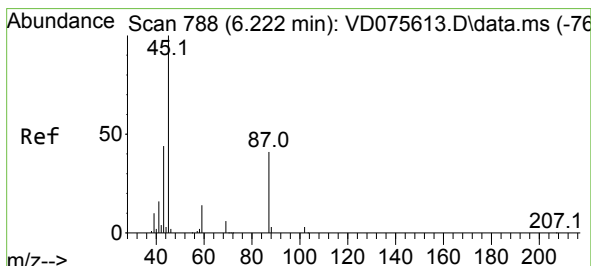
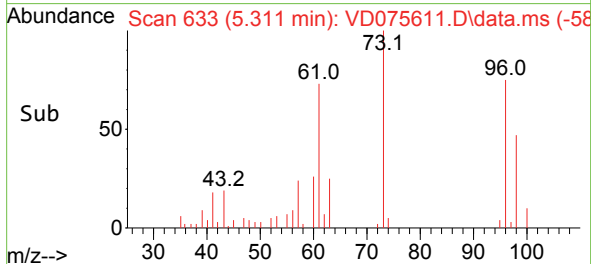
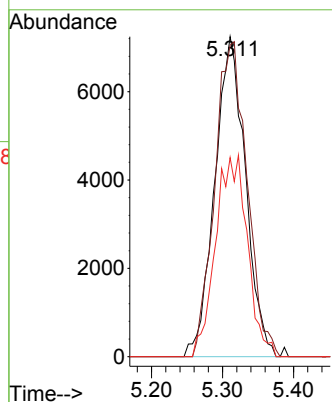
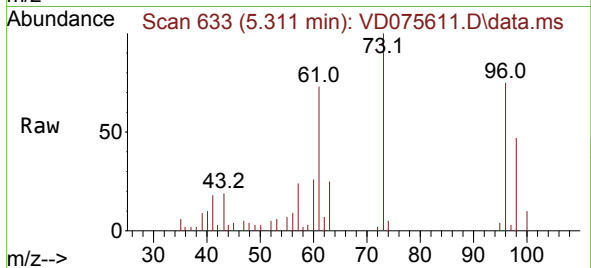




#21
trans-1,2-Dichloroethene
Concen: 3.976 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

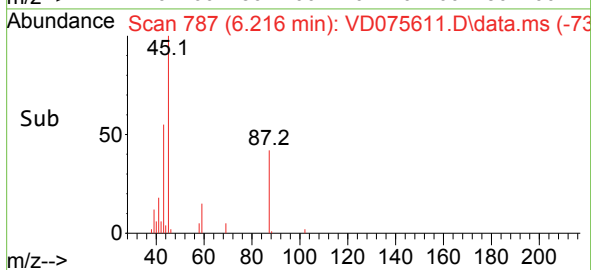
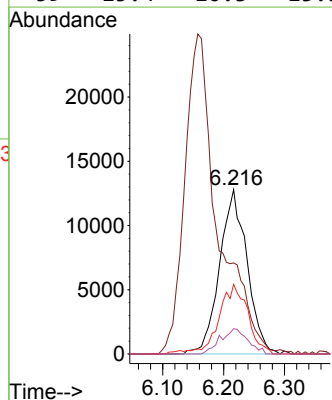
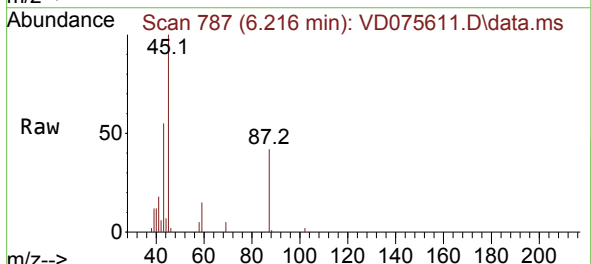
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

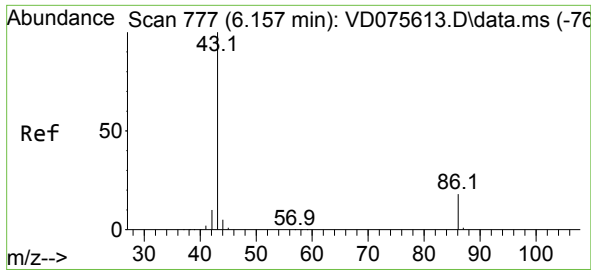
Tgt Ion: 96 Resp: 21679
Ion Ratio Lower Upper
96 100
61 97.3 117.2 175.8#
98 62.2 50.6 76.0



#22
Diisopropyl ether
Concen: 4.397 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion: 45 Resp: 40044
Ion Ratio Lower Upper
45 100
43 52.8 44.4 66.6
87 42.4 20.9 31.3#
59 15.4 10.3 15.5

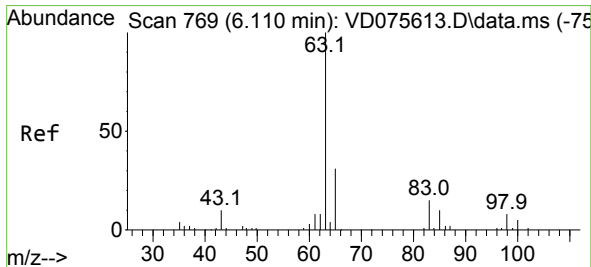
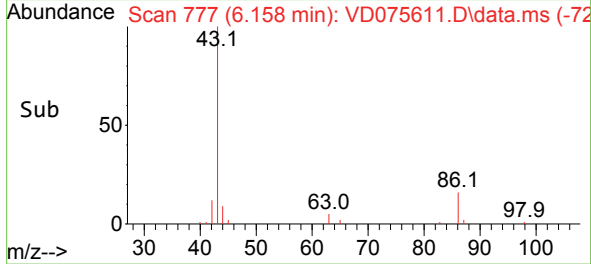
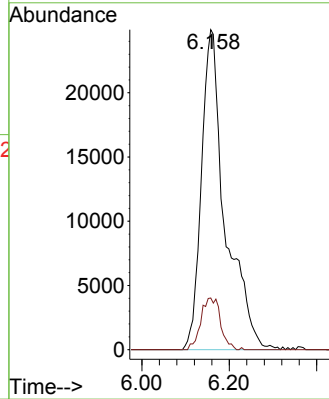
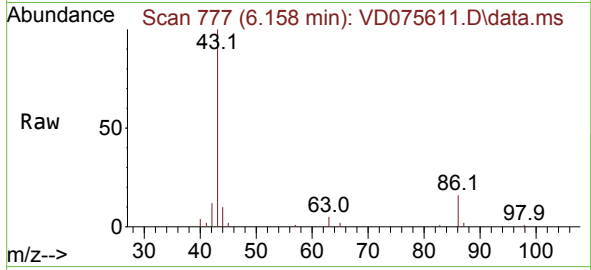




#23
 Vinyl Acetate
 Concen: 21.913 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD075611.D
 Acq: 10 Apr 2023 17:25

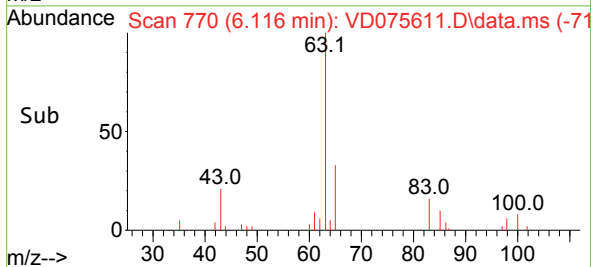
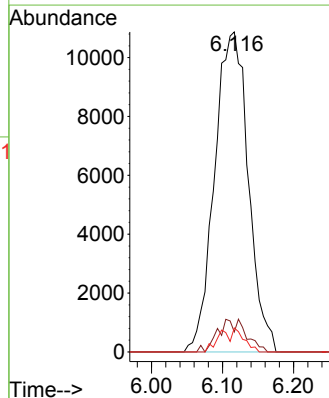
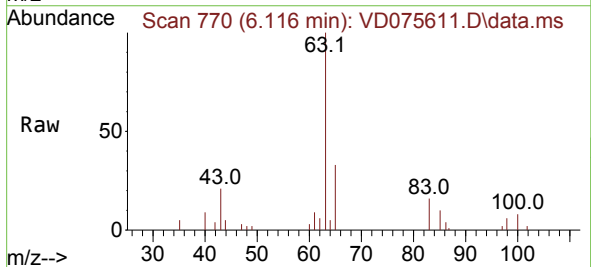
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

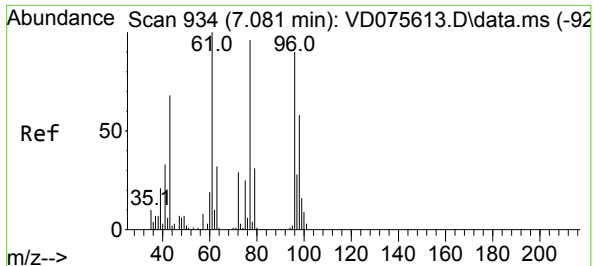
Tgt Ion: 43 Resp: 94391
 Ion Ratio Lower Upper
 43 100
 86 16.1 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 4.567 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD075611.D
 Acq: 10 Apr 2023 17:25

Tgt Ion: 63 Resp: 35805
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.7
 100 7.5 2.0 6.0#

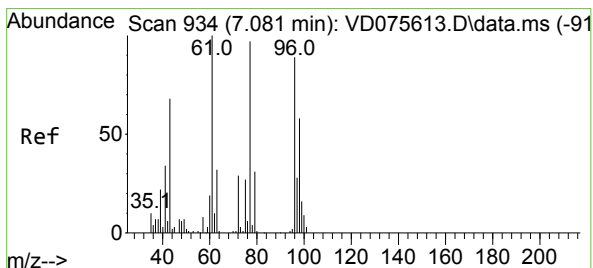
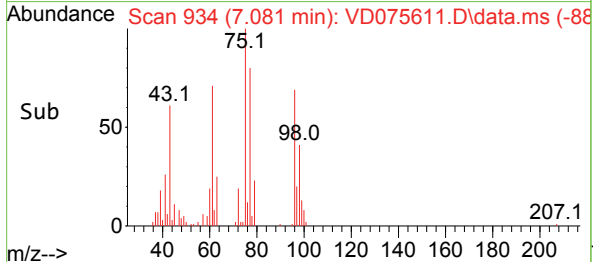
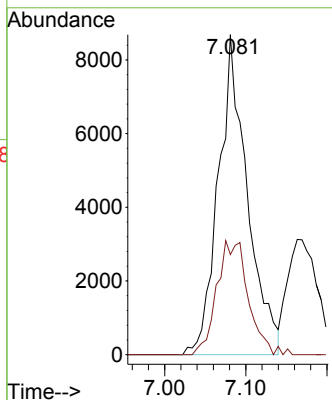
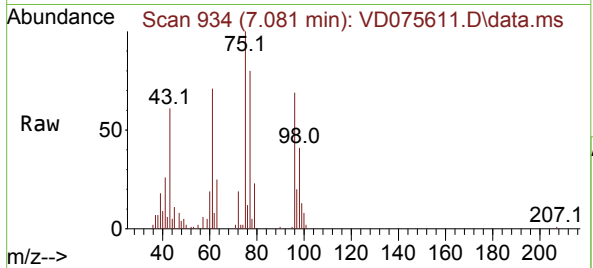




#25
2-Butanone
Concen: 25.924 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

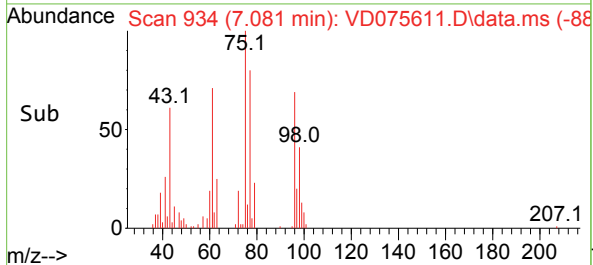
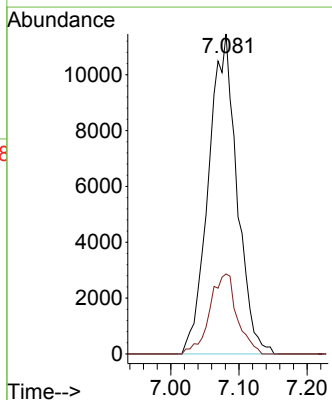
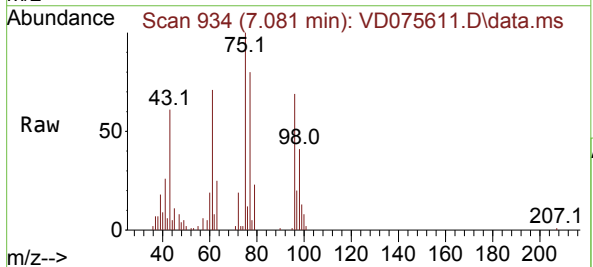
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

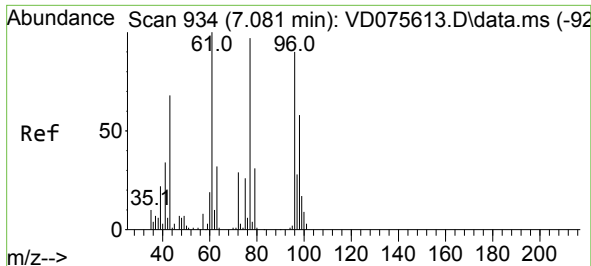
Tgt Ion: 43 Resp: 21509
Ion Ratio Lower Upper
43 100
72 31.3 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 4.629 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion: 77 Resp: 33313
Ion Ratio Lower Upper
77 100
97 24.0 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 4.300 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

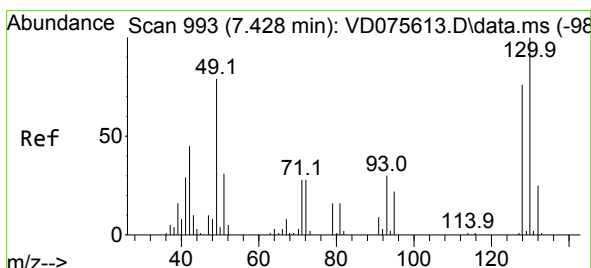
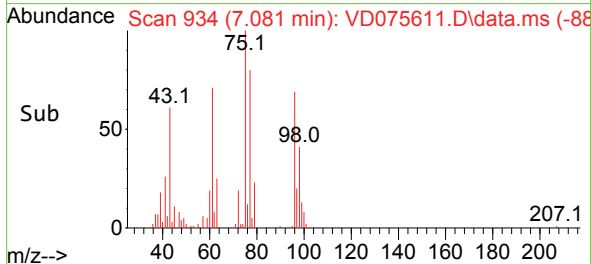
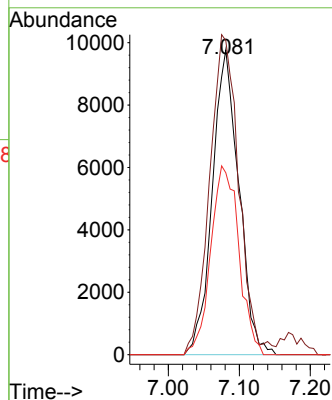
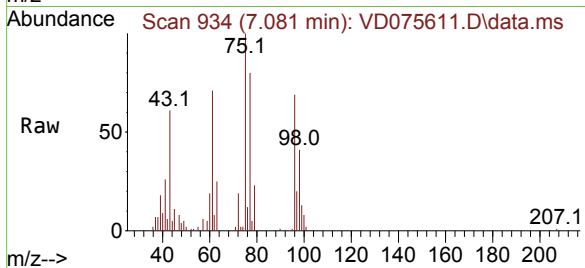
Tgt Ion: 96 Resp: 25379

Ion Ratio Lower Upper

96 100

61 114.1 0.0 295.2

98 65.6 0.0 129.2



#28

Bromochloromethane

Concen: 5.026 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

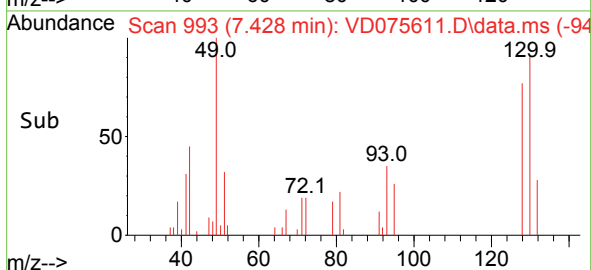
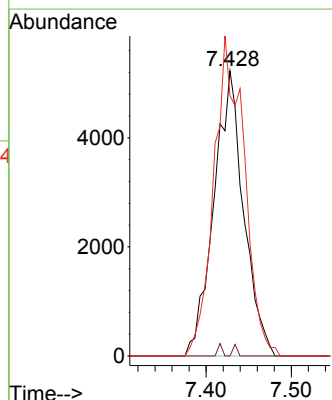
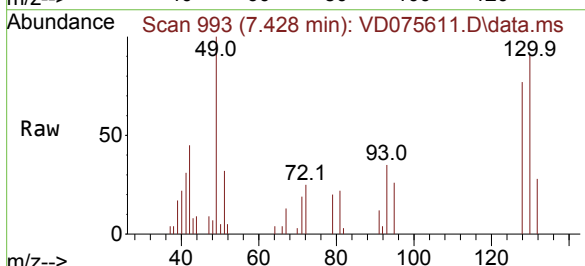
Tgt Ion: 49 Resp: 12690

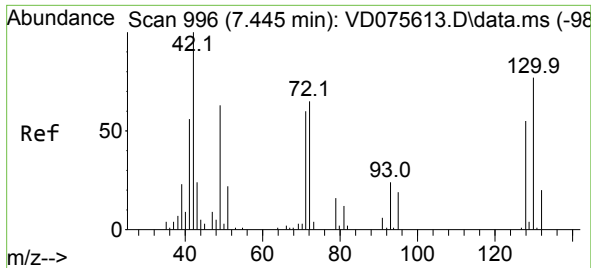
Ion Ratio Lower Upper

49 100

129 0.6 0.0 2.2

130 0.0 56.0 84.0#

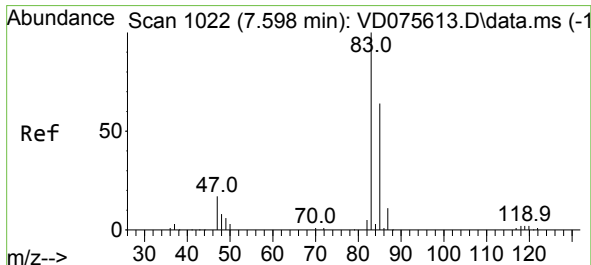
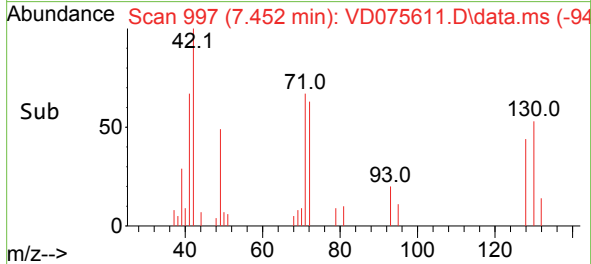
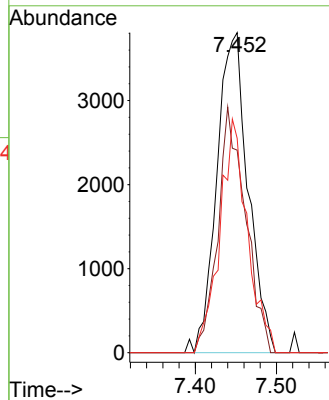
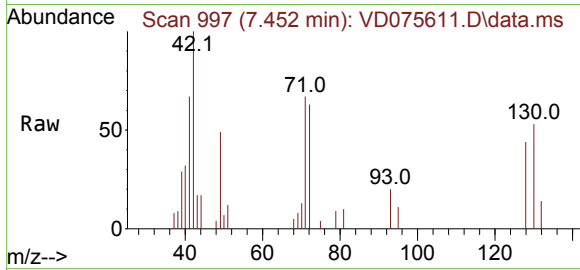




#29
Tetrahydrofuran
Concen: 22.435 ug/l
RT: 7.452 min Scan# 996
Delta R.T. 0.006 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

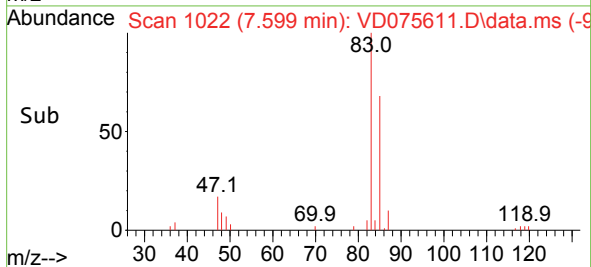
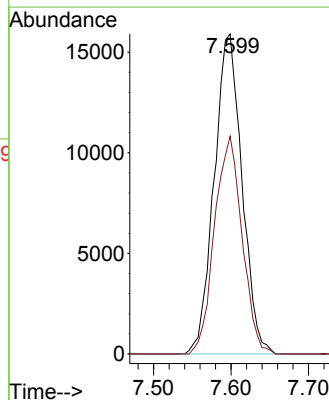
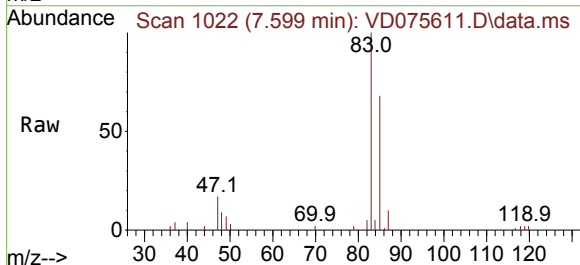
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

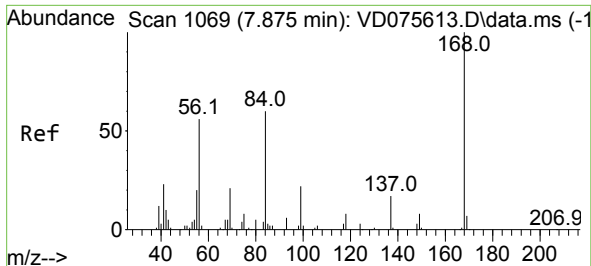
Tgt Ion: 42 Resp: 10197
Ion Ratio Lower Upper
42 100
72 67.8 31.8 47.6#
71 64.7 27.6 41.4#



#30
Chloroform
Concen: 4.544 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

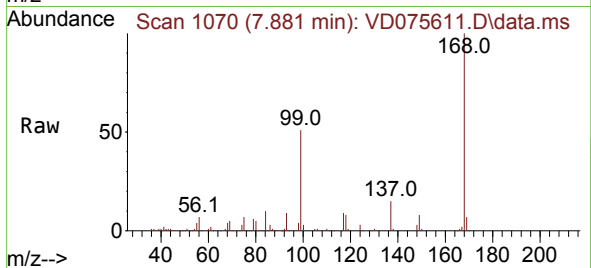
Tgt Ion: 83 Resp: 39699
Ion Ratio Lower Upper
83 100
85 68.1 49.4 74.2



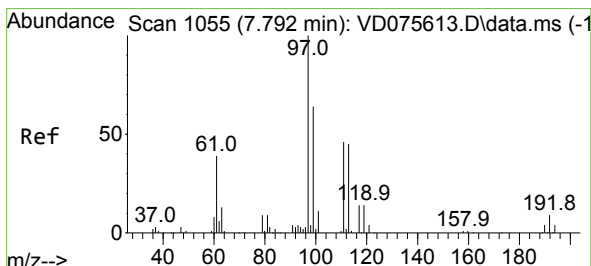
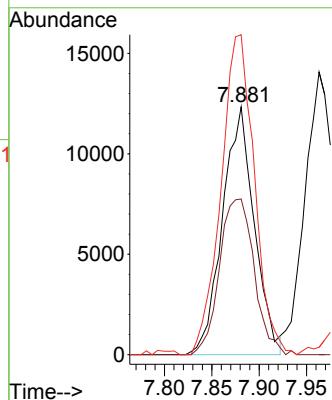
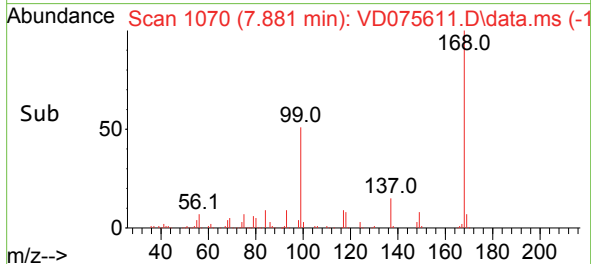


#31
Cyclohexane
Concen: 4.667 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

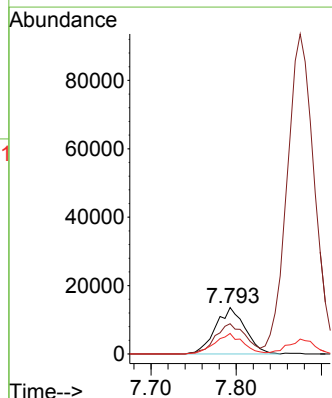
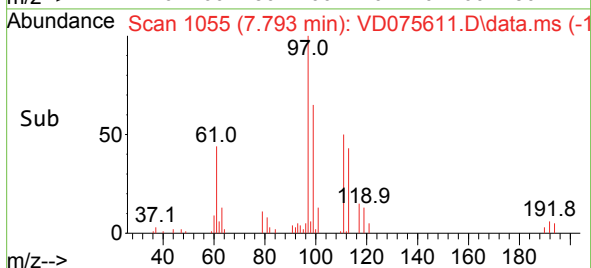
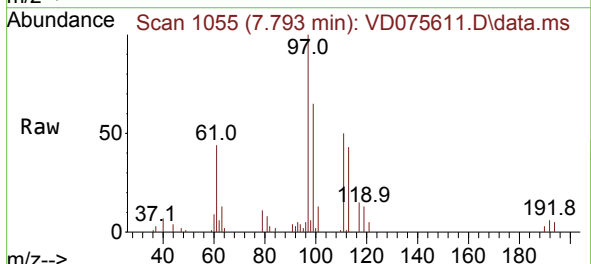


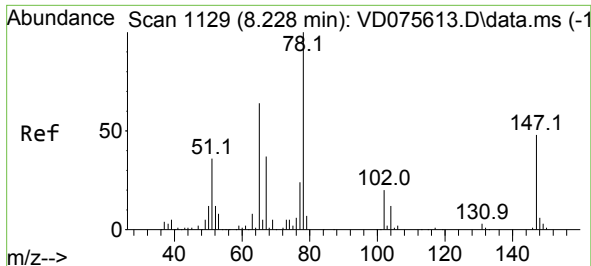
Tgt Ion: 56 Resp: 28835
Ion Ratio Lower Upper
56 100
69 62.8 25.5 38.3#
84 129.1 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 4.300 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion: 97 Resp: 32805
Ion Ratio Lower Upper
97 100
99 67.2 50.5 75.7
61 41.6 36.6 55.0

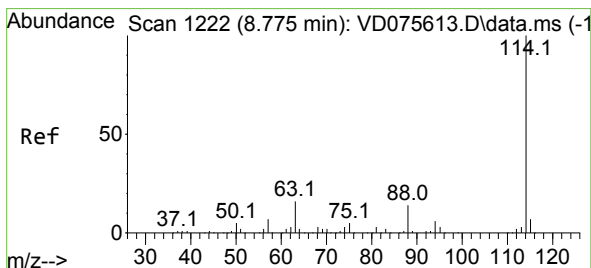
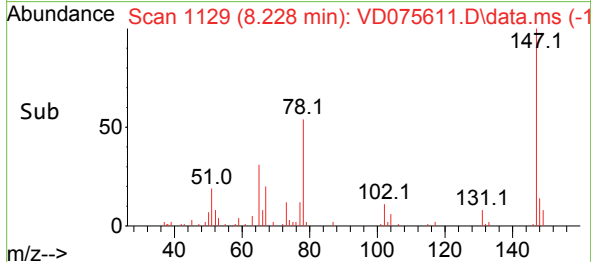
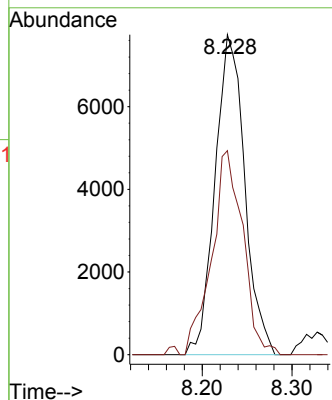
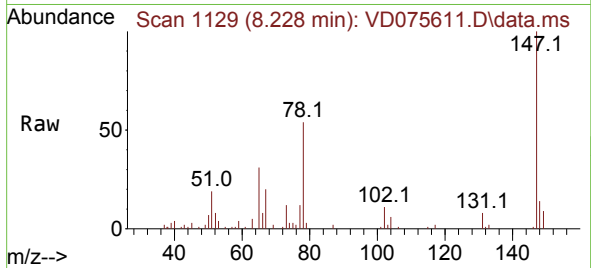




#33
 1,2-Dichloroethane-d4
 Concen: 5.015 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD075611.D
 Acq: 10 Apr 2023 17:25

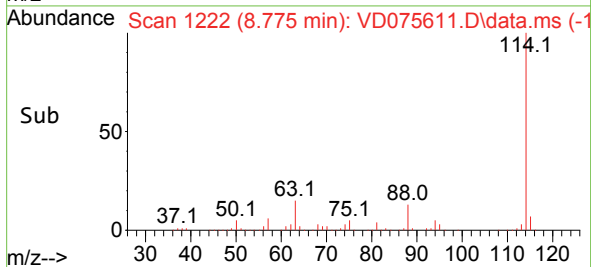
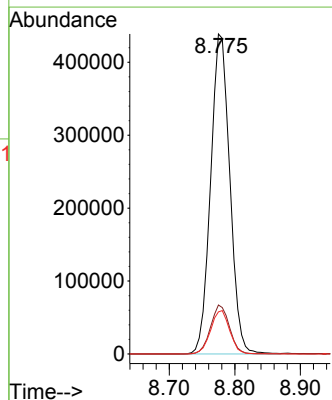
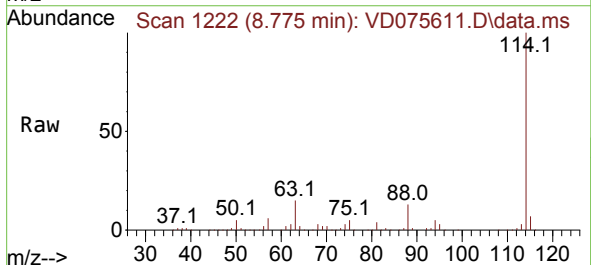
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

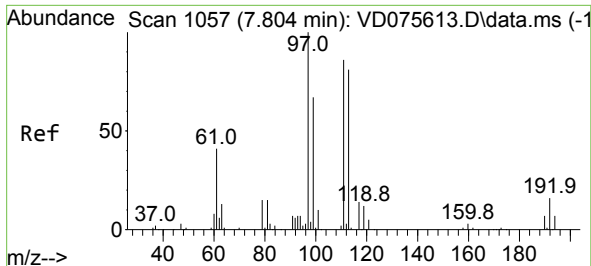
Tgt Ion: 65 Resp: 17744
 Ion Ratio Lower Upper
 65 100
 67 67.0 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD075611.D
 Acq: 10 Apr 2023 17:25

Tgt Ion: 114 Resp: 891731
 Ion Ratio Lower Upper
 114 100
 63 15.3 0.0 41.6
 88 13.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 3.697 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

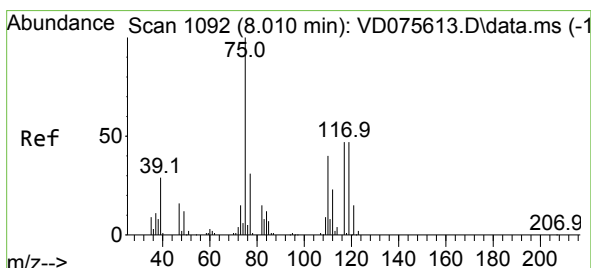
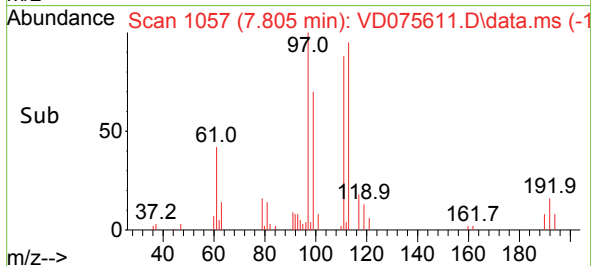
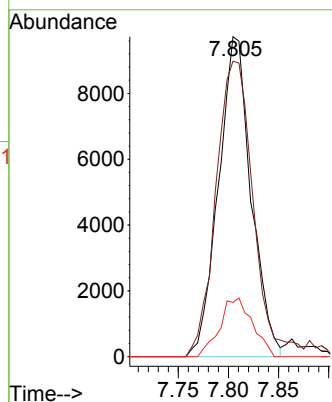
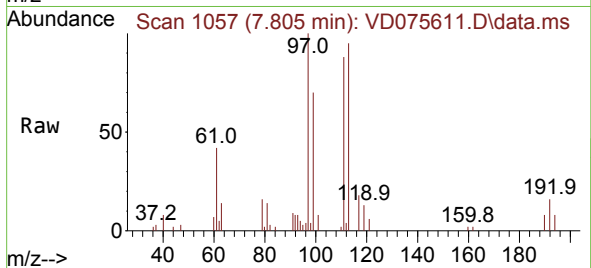
Tgt Ion:113 Resp: 21986

Ion Ratio Lower Upper

113 100

111 105.3 81.4 122.0

192 18.4 15.2 22.8



#36

1,1-Dichloropropene

Concen: 3.028 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

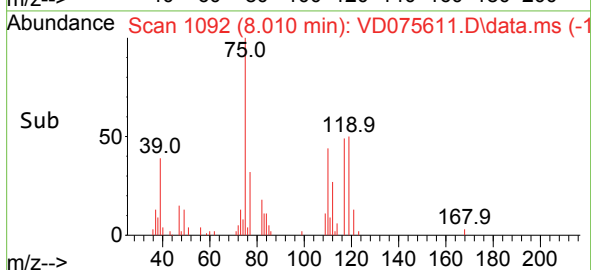
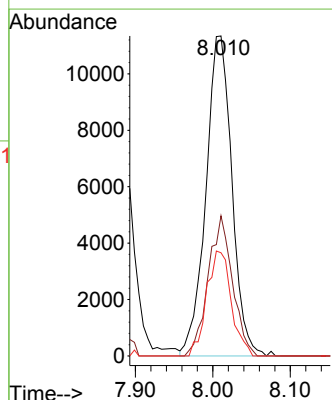
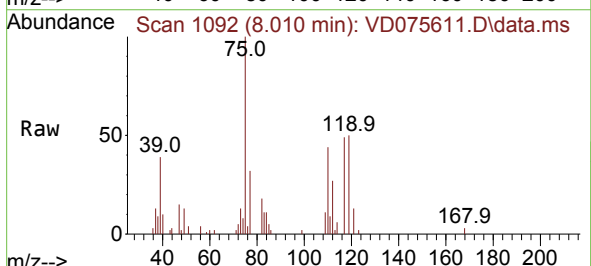
Tgt Ion: 75 Resp: 26551

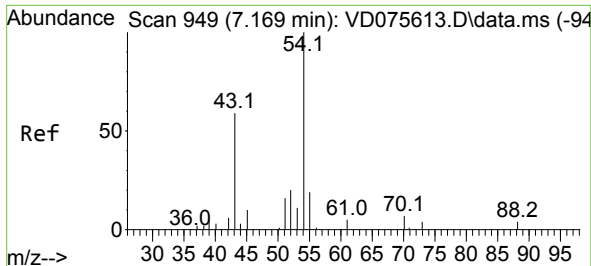
Ion Ratio Lower Upper

75 100

110 40.9 17.1 51.2

77 30.9 24.6 36.8





#37

Ethyl Acetate

Concen: 3.495 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.005 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

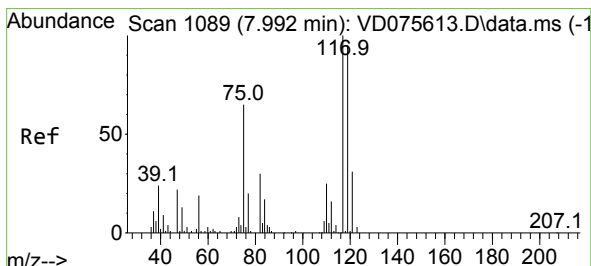
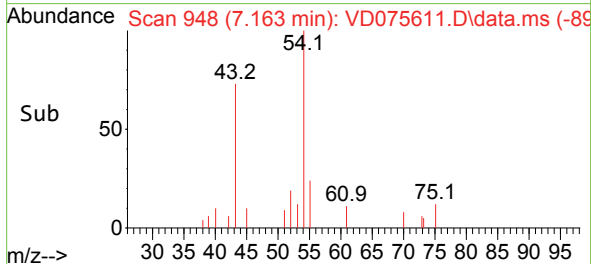
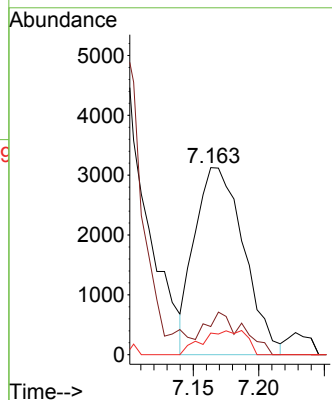
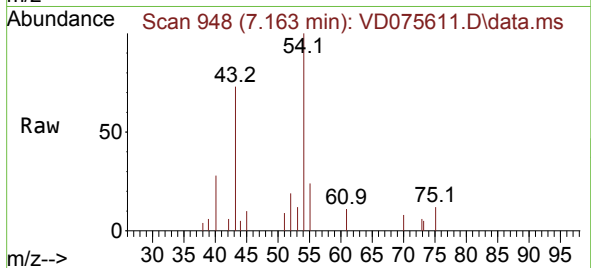
Tgt Ion: 43 Resp: 8115

Ion Ratio Lower Upper

43 100

61 17.2 0.0 0.0#

70 0.0 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 3.037 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

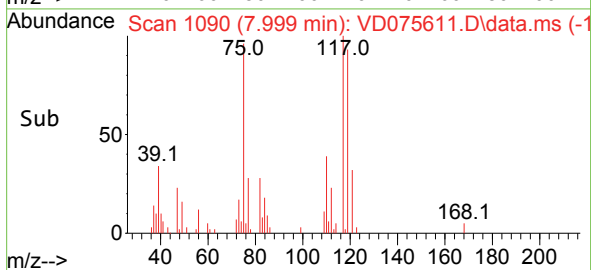
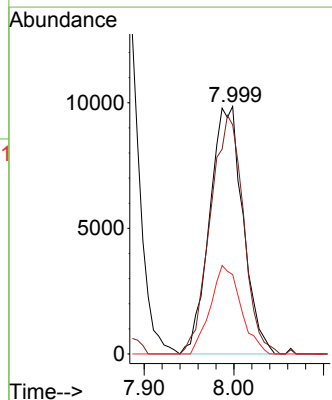
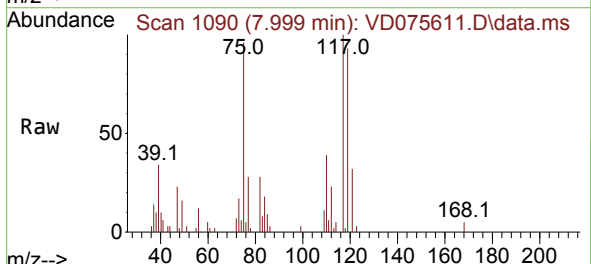
Tgt Ion: 117 Resp: 25426

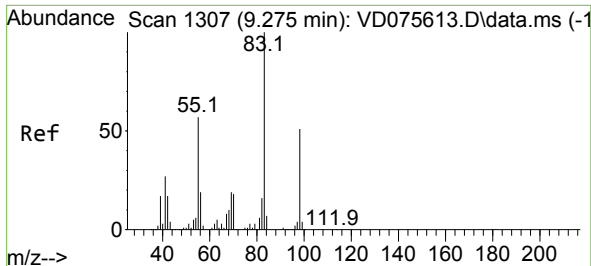
Ion Ratio Lower Upper

117 100

119 92.6 74.7 112.1

121 32.1 25.9 38.9





#39

Methylcyclohexane

Concen: 3.133 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

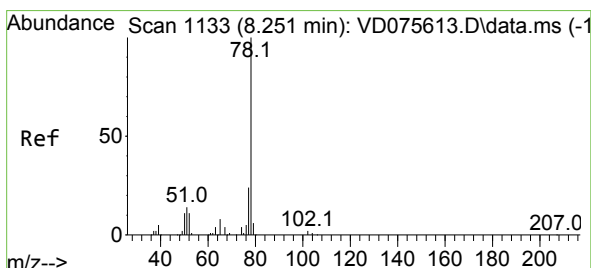
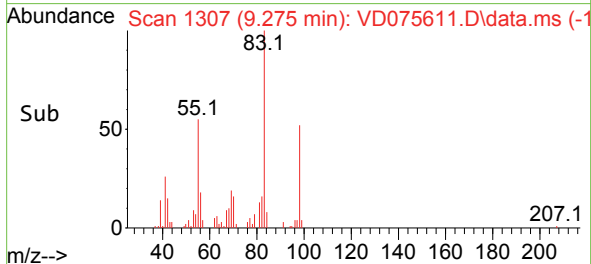
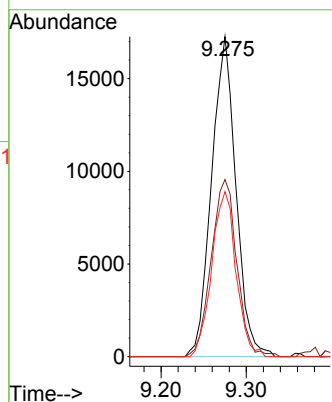
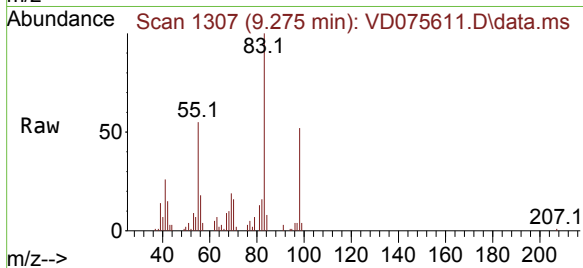
Tgt Ion: 83 Resp: 34260

Ion Ratio Lower Upper

83 100

55 55.3 56.8 85.2#

98 51.6 38.9 58.3



#40

Benzene

Concen: 3.336 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075611.D

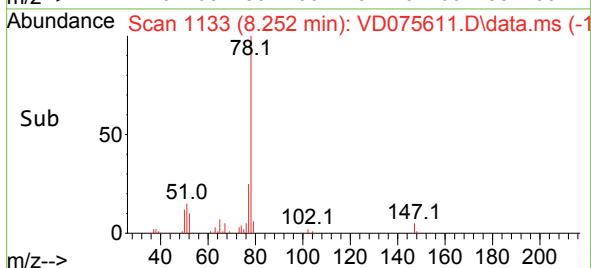
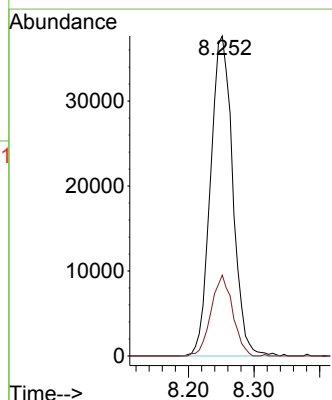
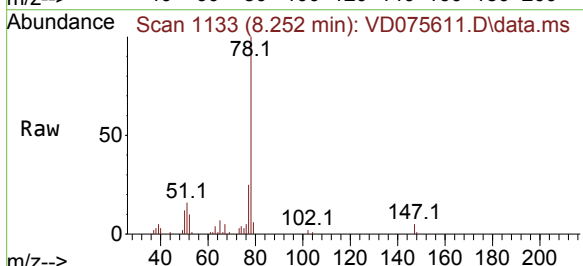
Acq: 10 Apr 2023 17:25

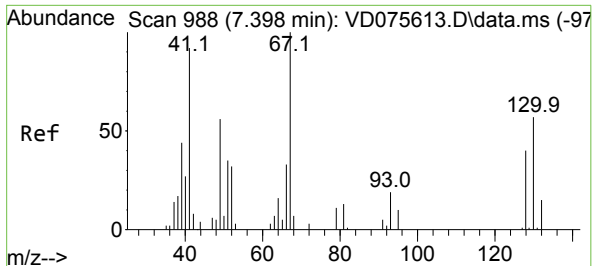
Tgt Ion: 78 Resp: 88488

Ion Ratio Lower Upper

78 100

77 25.2 19.1 28.7

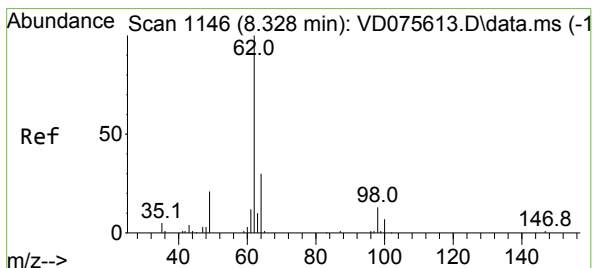
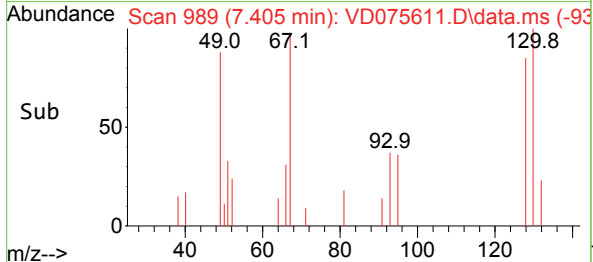
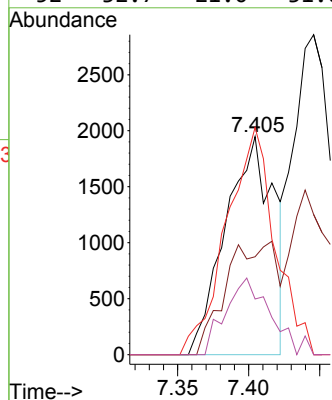
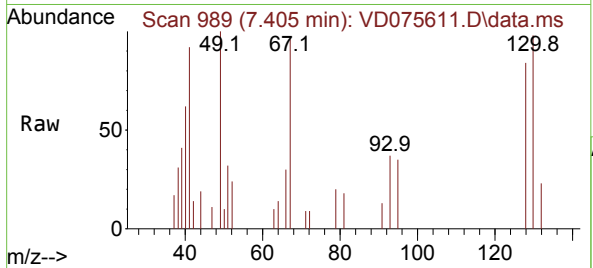




#41
Methacrylonitrile
Concen: 3.751 ug/l
RT: 7.405 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

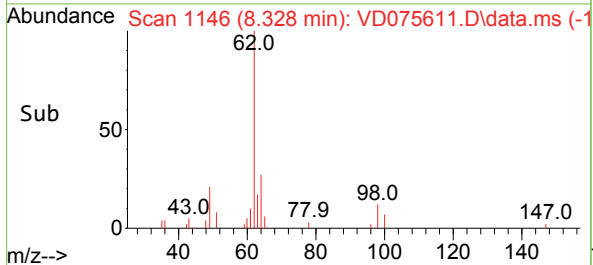
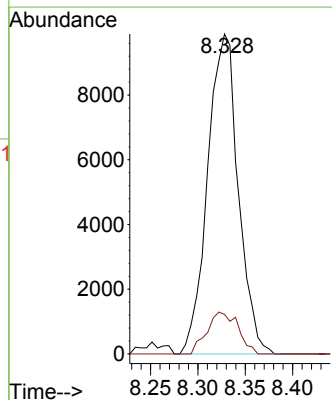
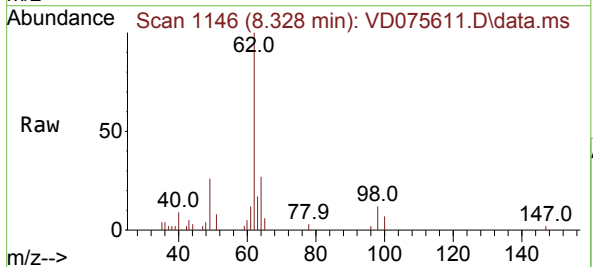
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

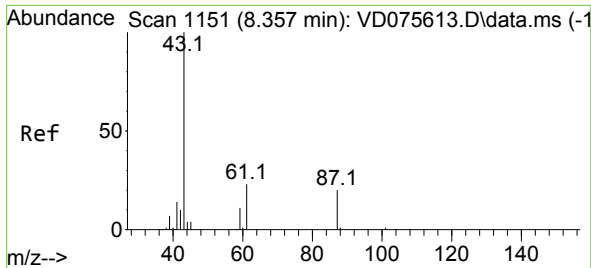
Tgt Ion: 41 Resp: 4617
Ion Ratio Lower Upper
41 100
39 28.0 45.3 67.9#
67 104.6 50.5 75.7#
52 32.7 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 3.789 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion: 62 Resp: 22270
Ion Ratio Lower Upper
62 100
98 13.3 0.0 18.8

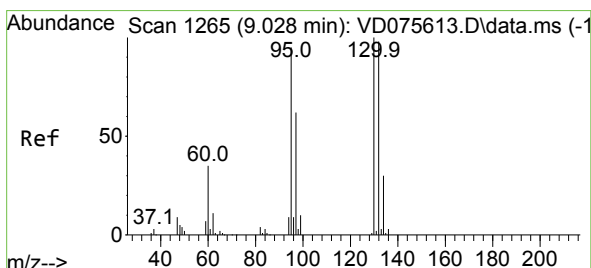
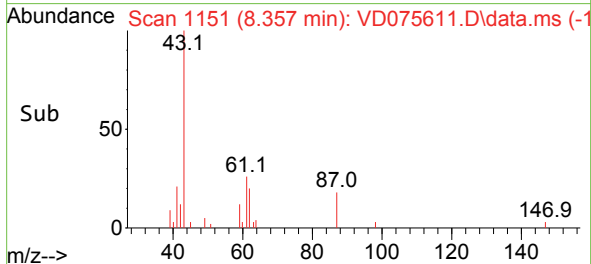
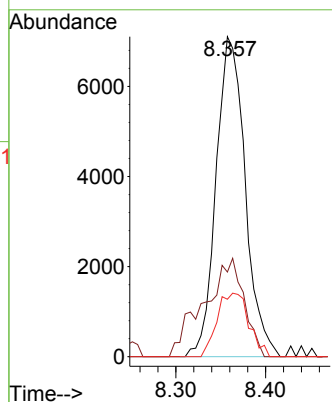
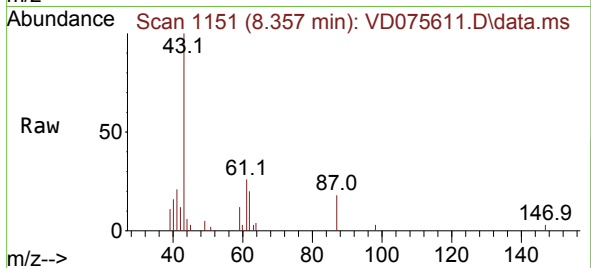




#43
Isopropyl Acetate
Concen: 3.699 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

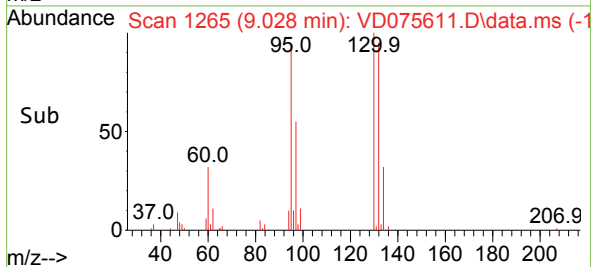
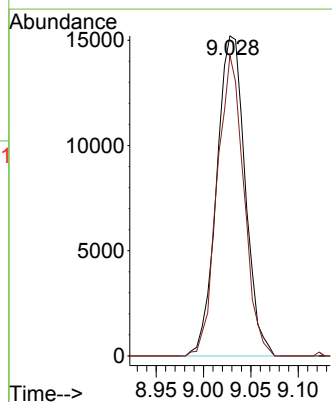
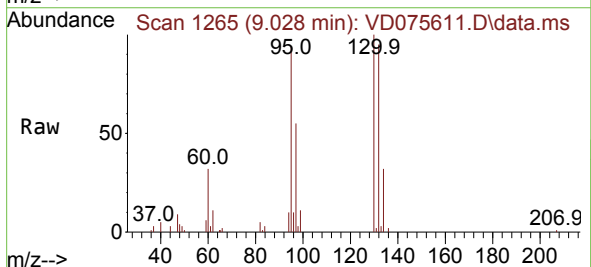
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

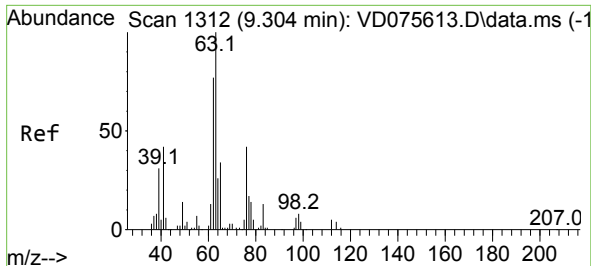
Tgt Ion: 43 Resp: 15987
Ion Ratio Lower Upper
43 100
61 42.4 23.4 35.0#
87 21.6 9.5 14.3#



#44
Trichloroethene
Concen: 4.101 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion:130 Resp: 31828
Ion Ratio Lower Upper
130 100
95 94.0 0.0 197.6





#45

1,2-Dichloropropane

Concen: 4.159 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

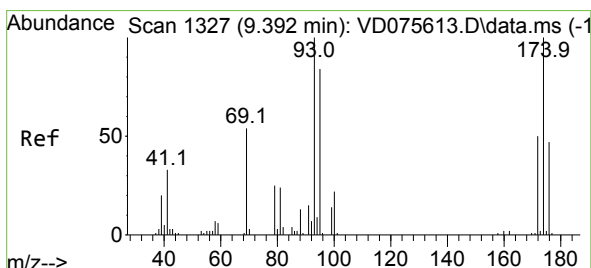
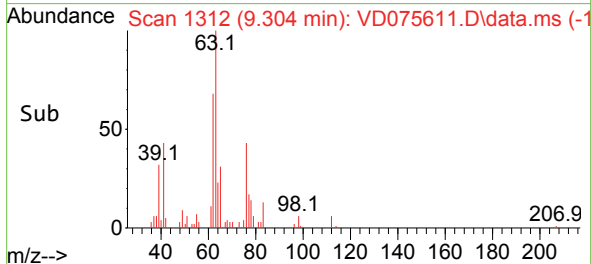
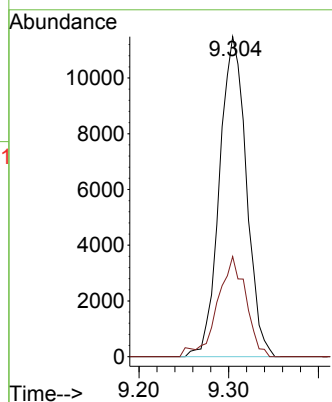
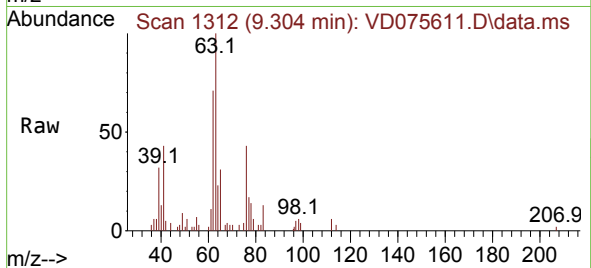
VSTDIC005

Tgt Ion: 63 Resp: 23870

Ion Ratio Lower Upper

63 100

65 31.3 23.0 34.4



#46

Dibromomethane

Concen: 4.057 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

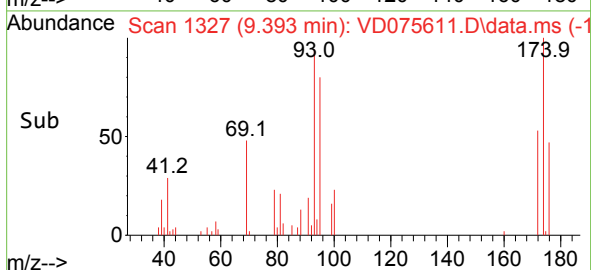
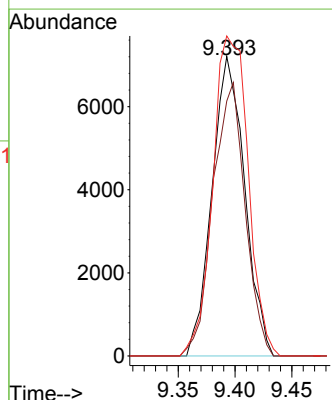
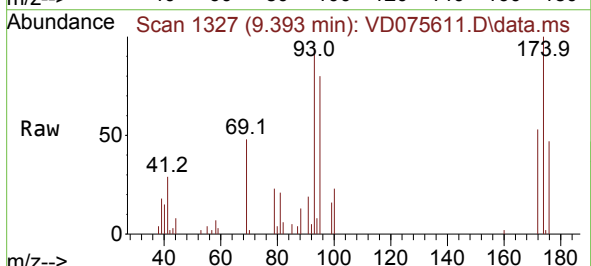
Tgt Ion: 93 Resp: 14427

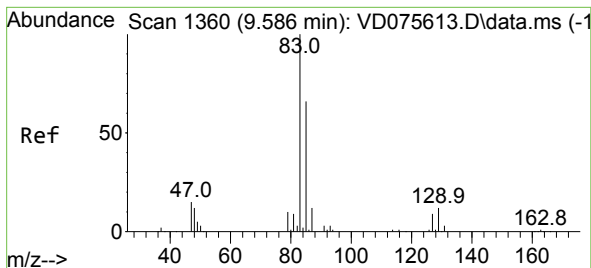
Ion Ratio Lower Upper

93 100

95 89.8 64.5 96.7

174 115.7 76.2 114.4#





#47

Bromodichloromethane

Concen: 4.244 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

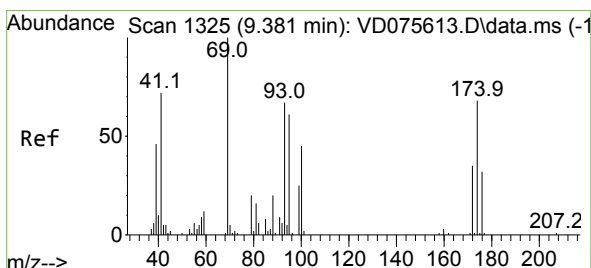
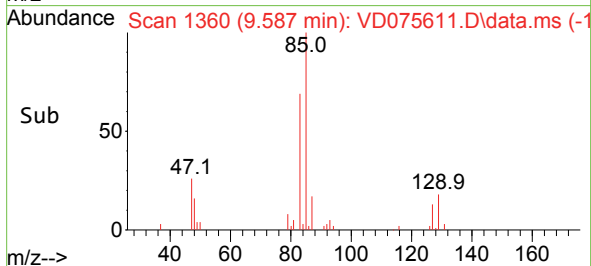
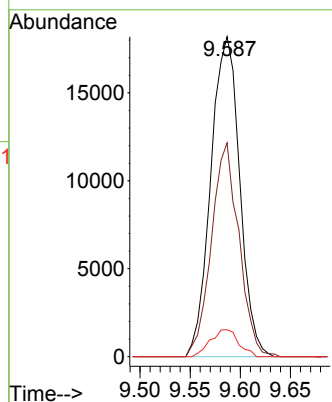
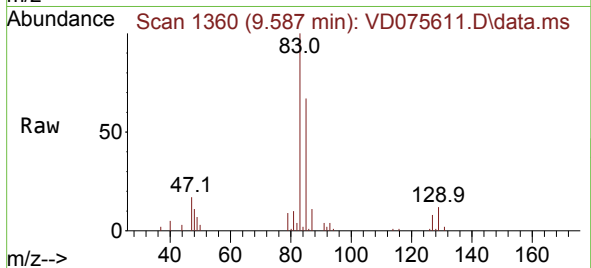
Tgt Ion: 83 Resp: 36367

Ion Ratio Lower Upper

83 100

85 66.8 53.7 80.5

127 8.4 7.0 10.6



#48

Methyl methacrylate

Concen: 3.624 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

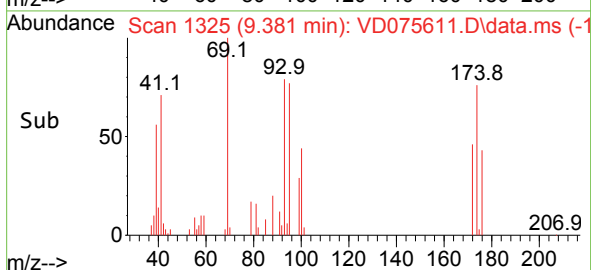
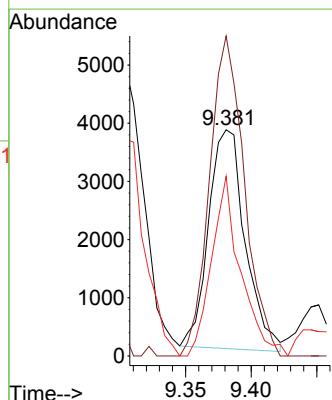
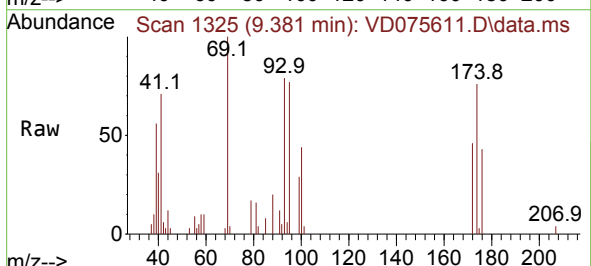
Tgt Ion: 41 Resp: 7297

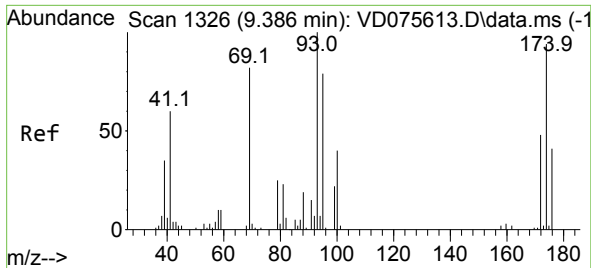
Ion Ratio Lower Upper

41 100

69 139.3 58.6 88.0

39 65.0 53.4 80.0





#49

1,4-Dioxane

Concen: 80.753 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

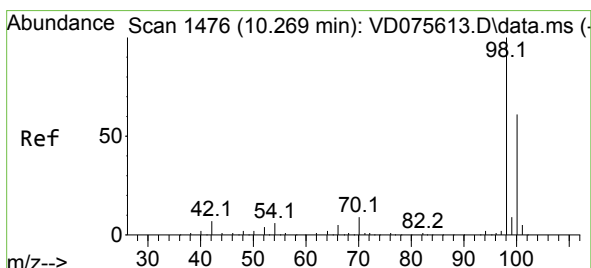
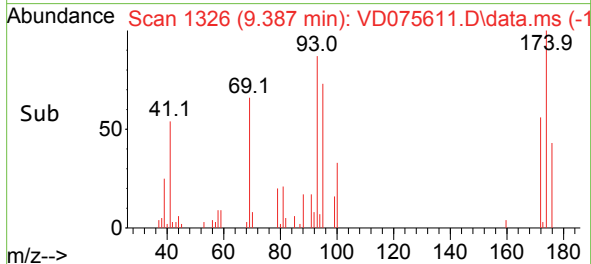
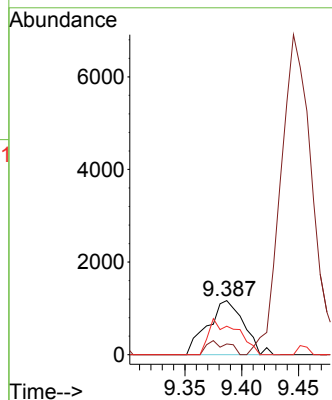
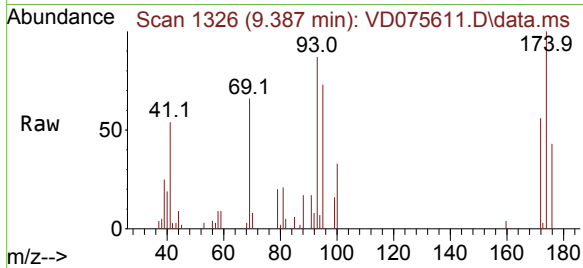
Tgt Ion: 88 Resp: 2578

Ion Ratio Lower Upper

88 100

43 0.0 34.6 51.8#

58 52.5 58.0 87.0#



#50

Toluene-d8

Concen: 4.102 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075611.D

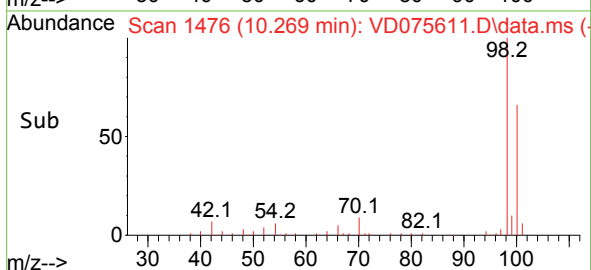
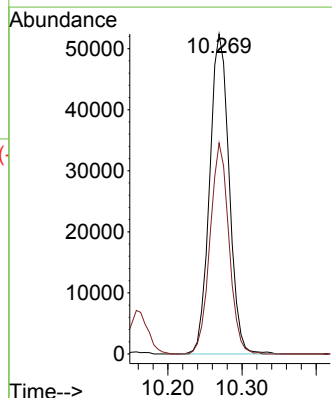
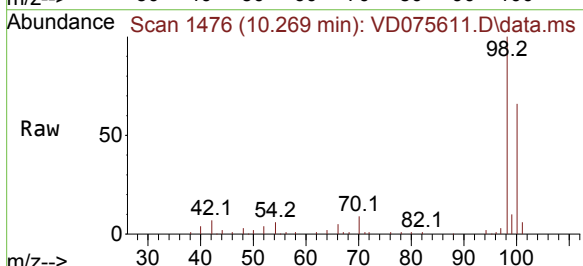
Acq: 10 Apr 2023 17:25

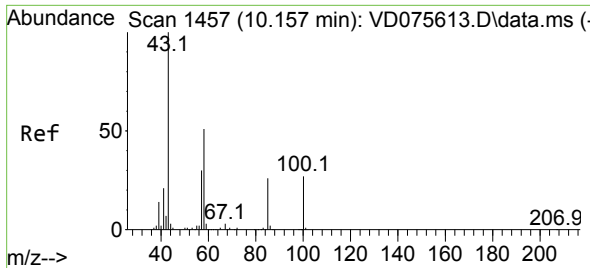
Tgt Ion: 98 Resp: 95667

Ion Ratio Lower Upper

98 100

100 64.0 52.1 78.1

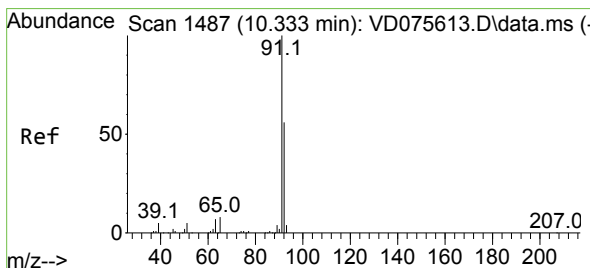
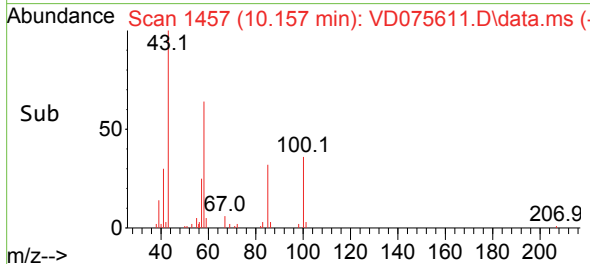
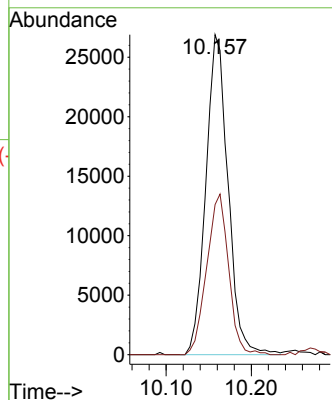
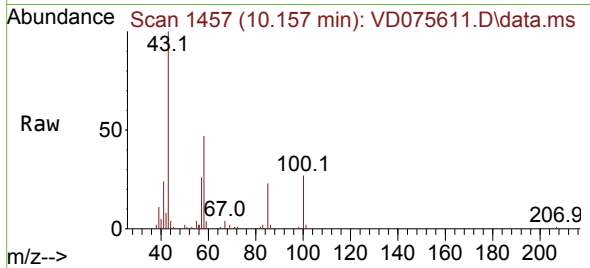




#51
4-Methyl-2-Pentanone
Concen: 21.643 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

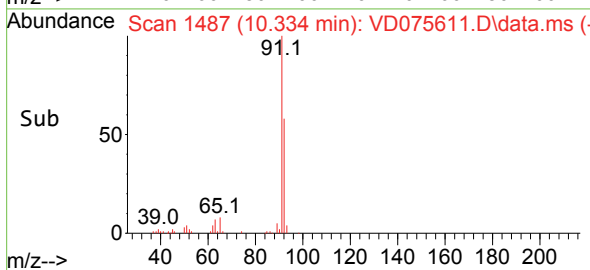
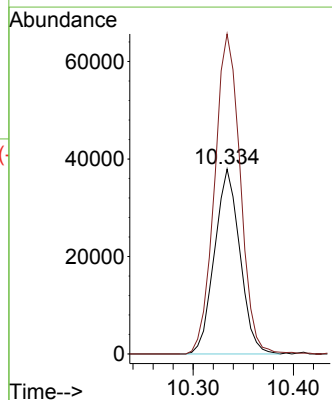
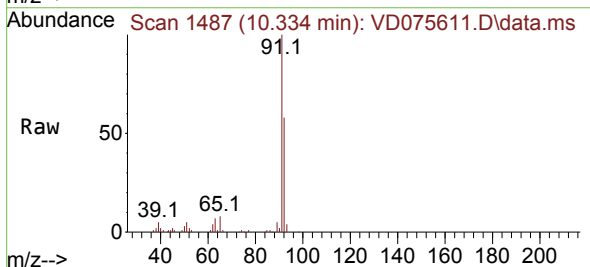
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

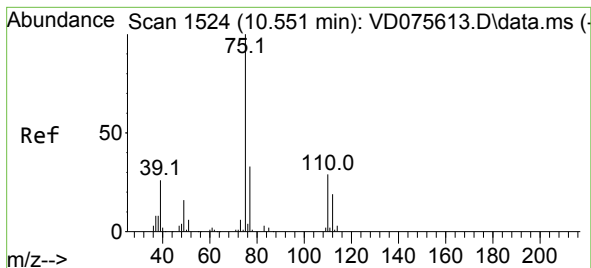
Tgt Ion: 43 Resp: 48678
Ion Ratio Lower Upper
43 100
58 49.4 29.5 44.3#



#52
Toluene
Concen: 3.874 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion: 92 Resp: 66516
Ion Ratio Lower Upper
92 100
91 175.8 136.5 204.7

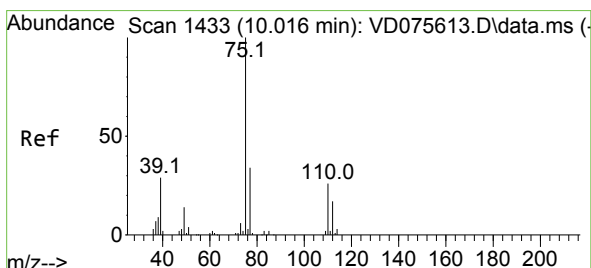
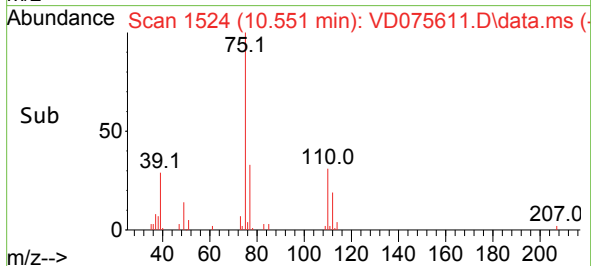
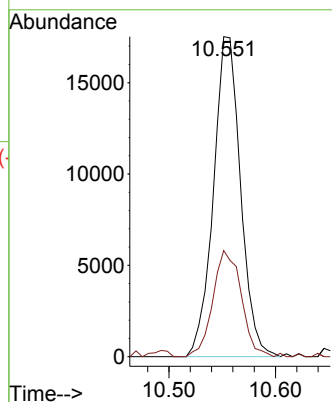
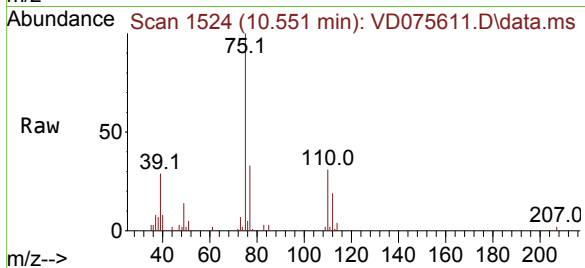




#53
 t-1,3-Dichloropropene
 Concen: 4.018 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD075611.D
 Acq: 10 Apr 2023 17:25

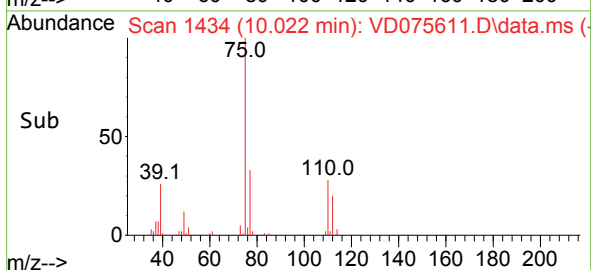
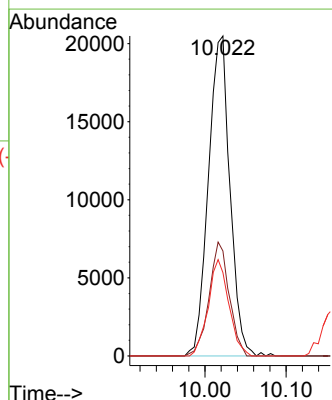
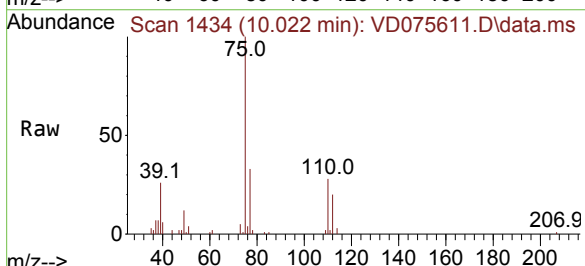
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

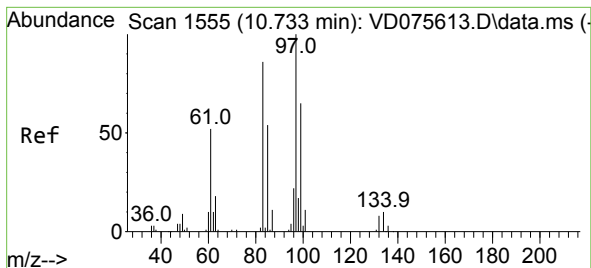
Tgt Ion: 75 Resp: 30995
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 3.987 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD075611.D
 Acq: 10 Apr 2023 17:25

Tgt Ion: 75 Resp: 37741
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.6 38.4
 39 26.1 44.8 67.2#





#55

1,1,2-Trichloroethane

Concen: 4.511 ug/l

RT: 10.740 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

Tgt Ion: 97 Resp: 22748

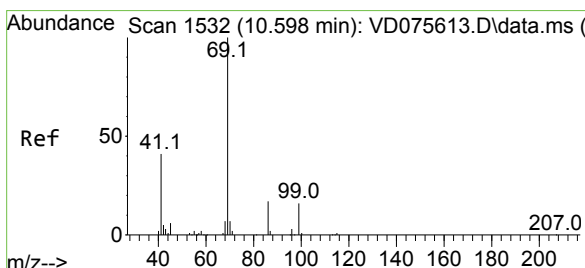
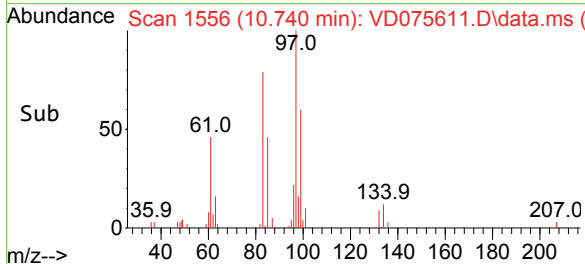
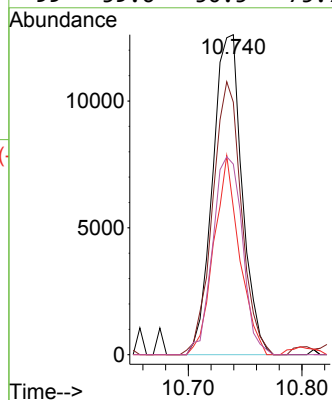
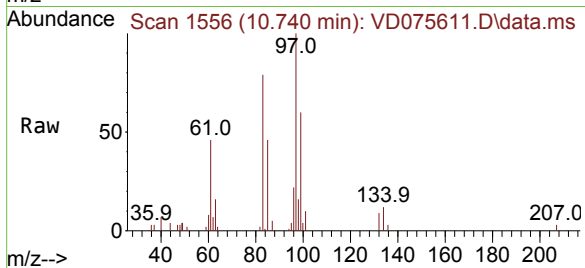
Ion Ratio Lower Upper

97 100

83 78.9 74.2 111.4

85 46.0 45.4 68.0

99 59.6 50.5 75.7



#56

Ethyl methacrylate

Concen: 4.009 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

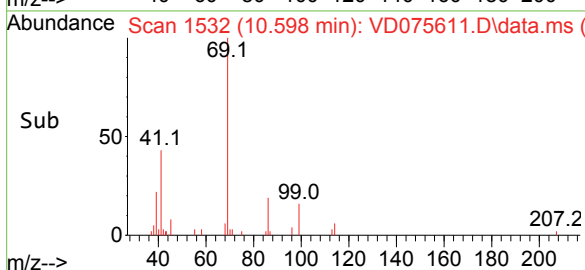
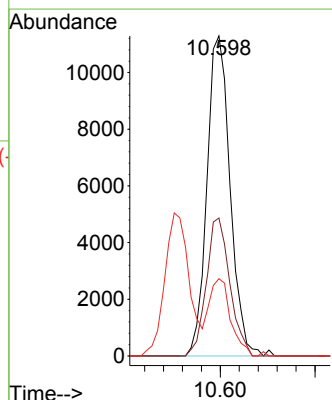
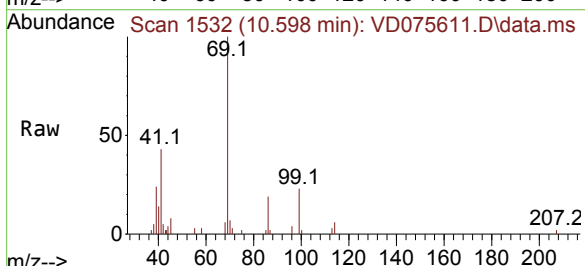
Tgt Ion: 69 Resp: 19233

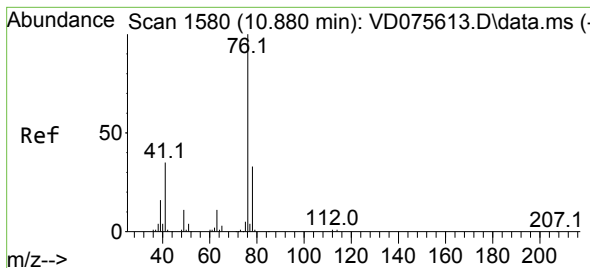
Ion Ratio Lower Upper

69 100

41 43.7 59.3 88.9#

39 22.5 36.0 54.0#





#57

1,3-Dichloropropane

Concen: 4.346 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

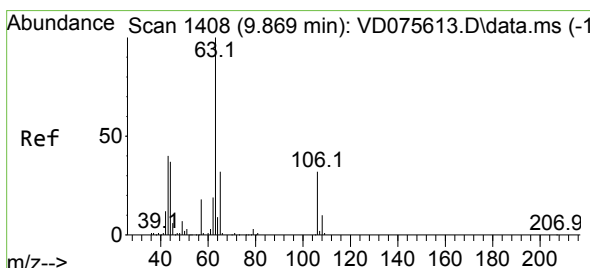
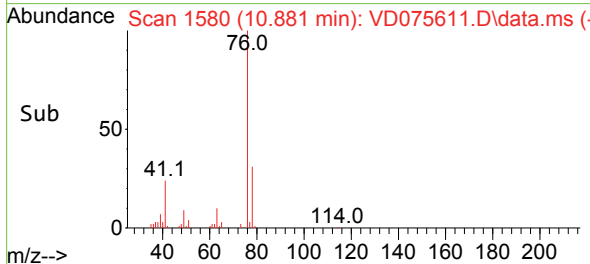
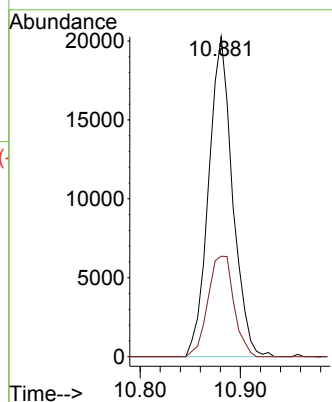
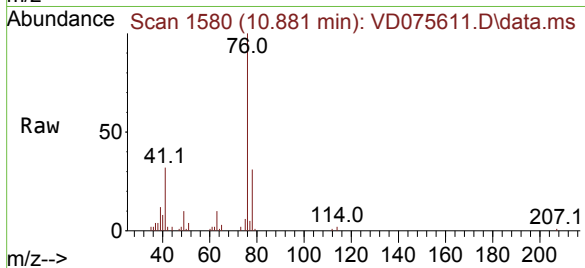
VSTDIC005

Tgt Ion: 76 Resp: 33629

Ion Ratio Lower Upper

76 100

78 34.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 20.305 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075611.D

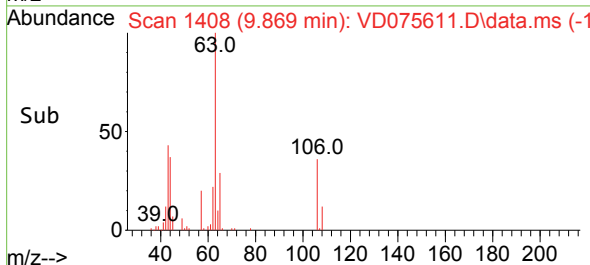
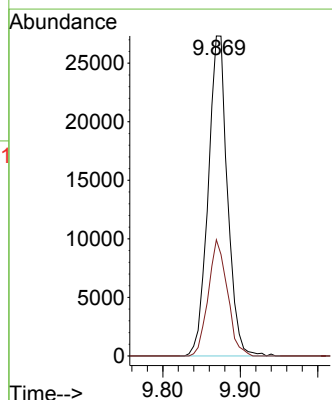
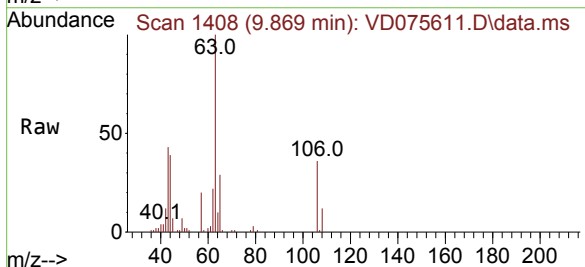
Acq: 10 Apr 2023 17:25

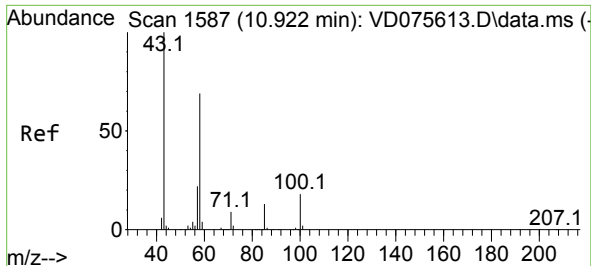
Tgt Ion: 63 Resp: 47196

Ion Ratio Lower Upper

63 100

106 35.9 21.4 32.2#

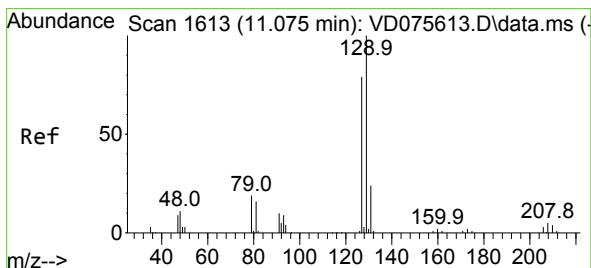
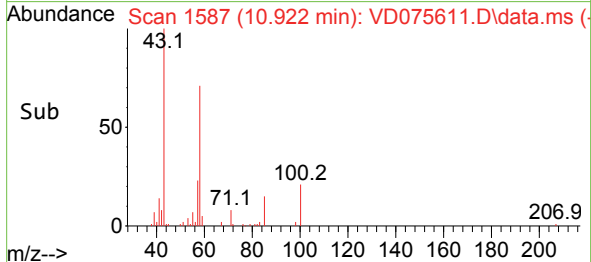
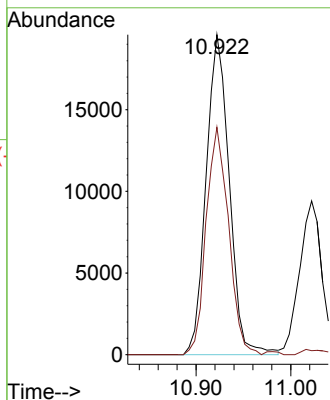
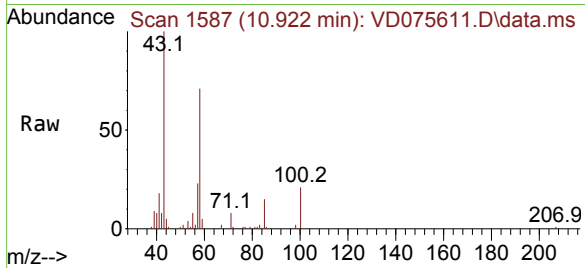




#59
2-Hexanone
Concen: 20.978 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

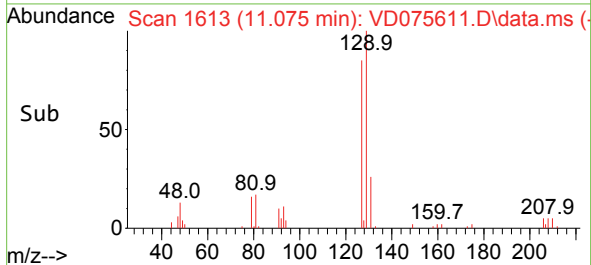
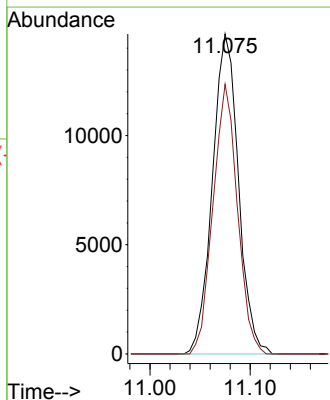
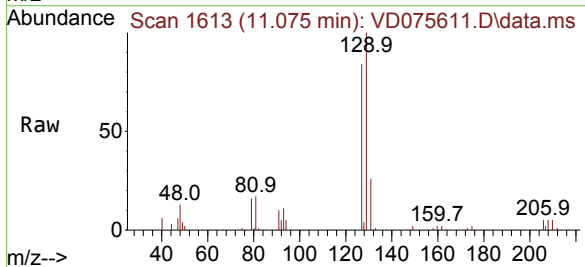
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

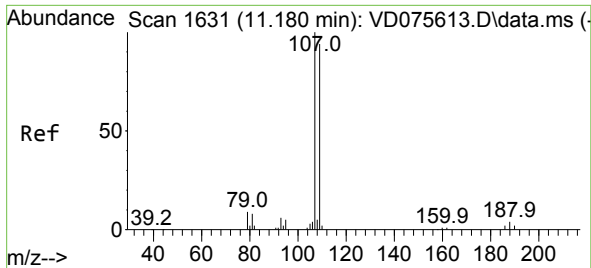
Tgt Ion: 43 Resp: 33233
Ion Ratio Lower Upper
43 100
58 68.9 25.3 75.8



#60
Dibromochloromethane
Concen: 4.437 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion: 129 Resp: 26410
Ion Ratio Lower Upper
129 100
127 79.0 38.1 114.5

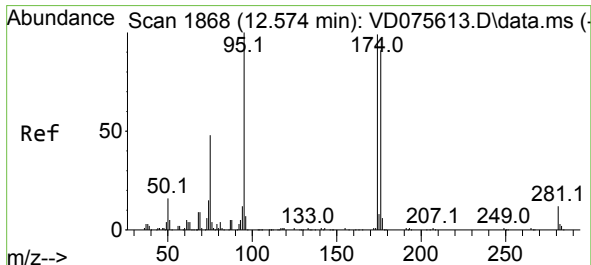
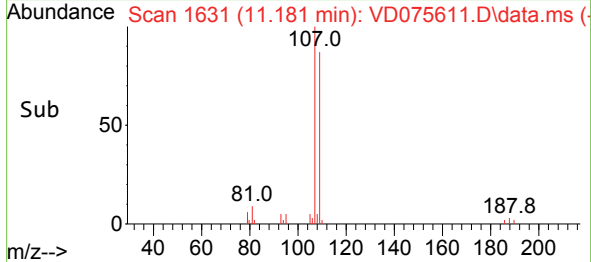
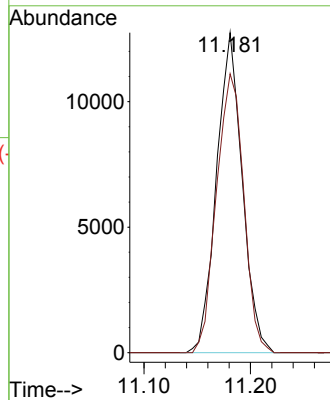
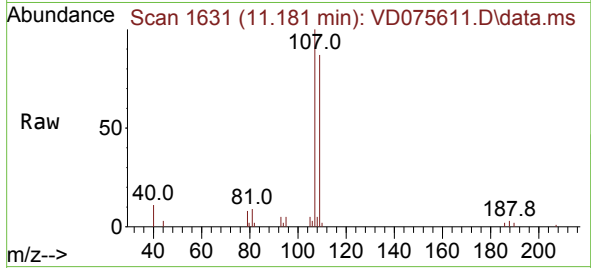




#61
1,2-Dibromoethane
Concen: 4.434 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

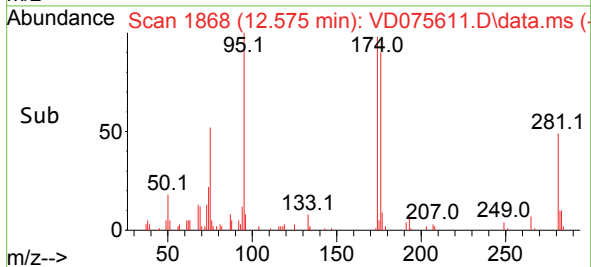
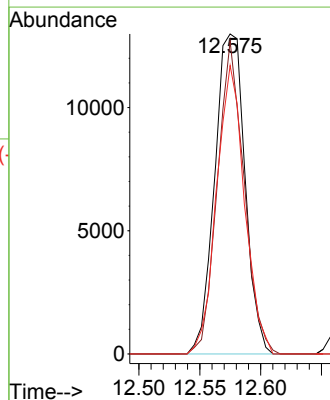
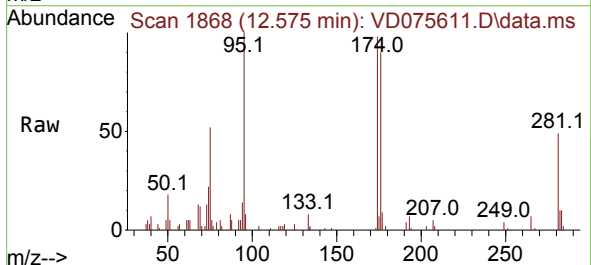
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

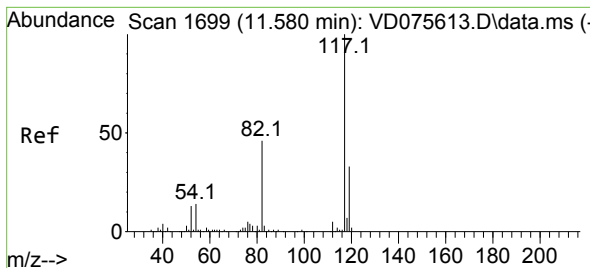
Tgt Ion:107 Resp: 21326
Ion Ratio Lower Upper
107 100
109 92.3 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 3.236 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion: 95 Resp: 22495
Ion Ratio Lower Upper
95 100
174 85.8 0.0 164.0
176 83.4 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

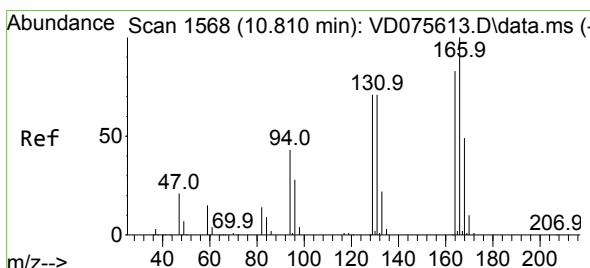
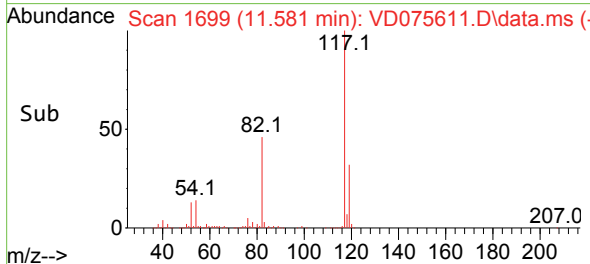
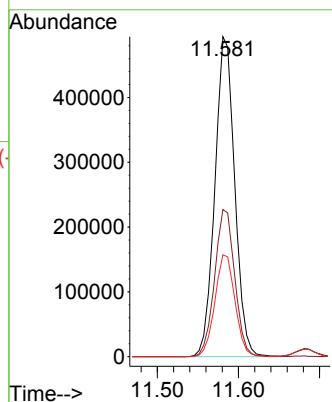
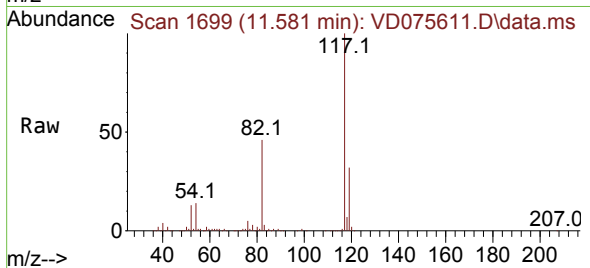
Tgt Ion:117 Resp: 839366

Ion Ratio Lower Upper

117 100

82 46.0 44.0 66.0

119 31.8 25.1 37.7



#64

Tetrachloroethene

Concen: 4.136 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

Tgt Ion:164 Resp: 25933

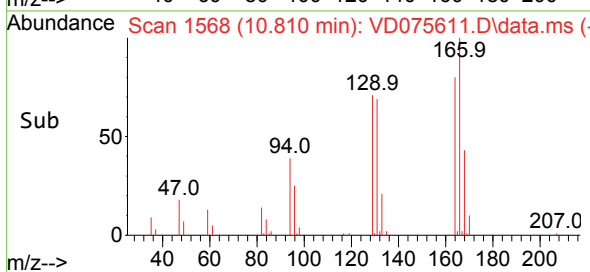
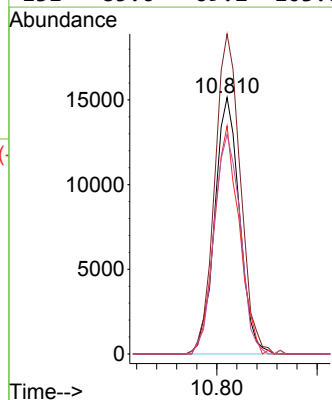
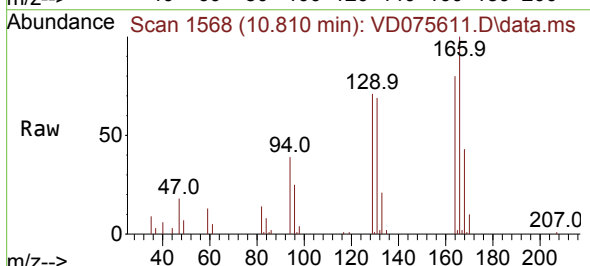
Ion Ratio Lower Upper

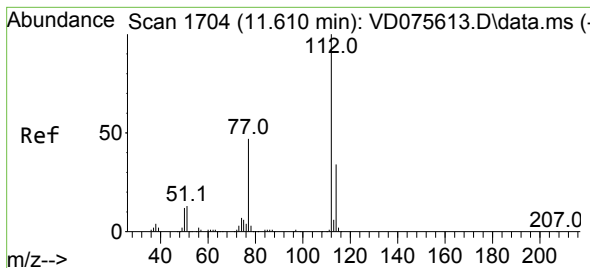
164 100

166 124.7 94.9 142.3

129 88.9 73.0 109.6

131 85.6 69.2 103.8





#65

Chlorobenzene

Concen: 4.140 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

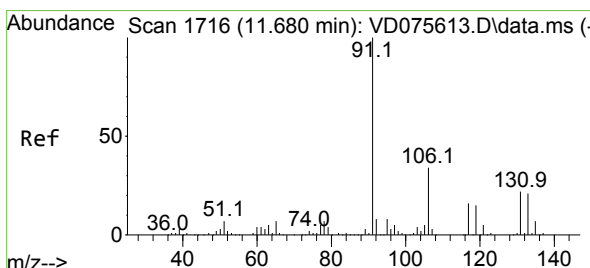
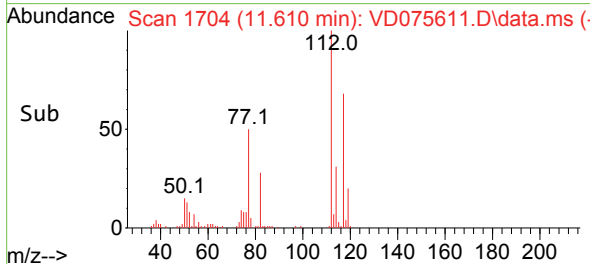
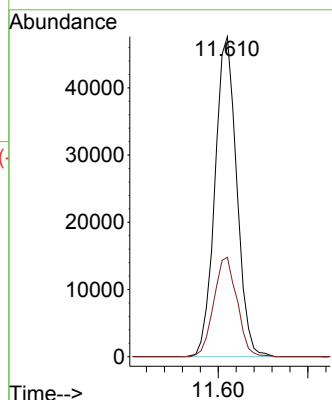
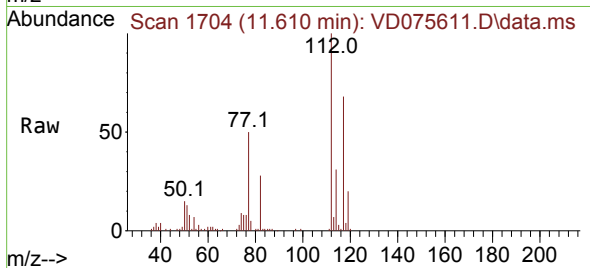
VSTDIC005

Tgt Ion:112 Resp: 80207

Ion Ratio Lower Upper

112 100

114 31.0 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 4.135 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

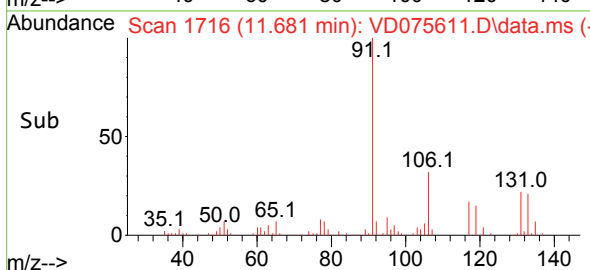
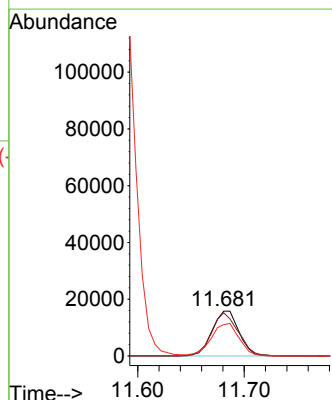
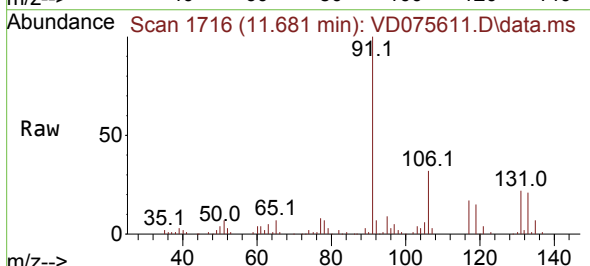
Tgt Ion:131 Resp: 27607

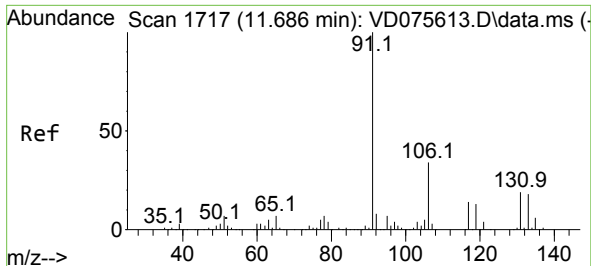
Ion Ratio Lower Upper

131 100

133 96.3 46.7 140.0

119 75.1 31.9 95.9





#67

Ethyl Benzene

Concen: 3.677 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

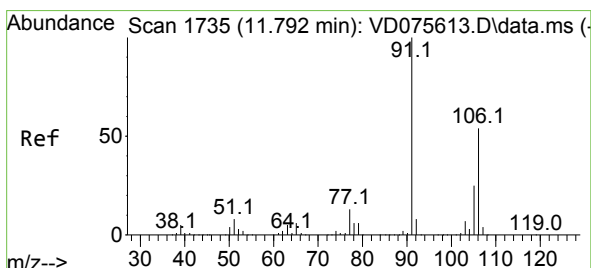
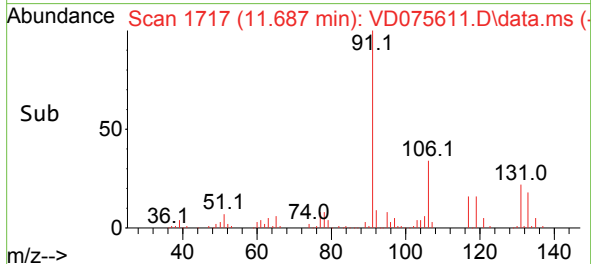
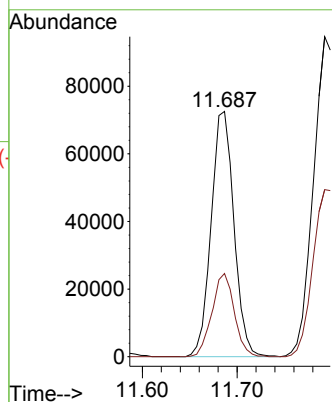
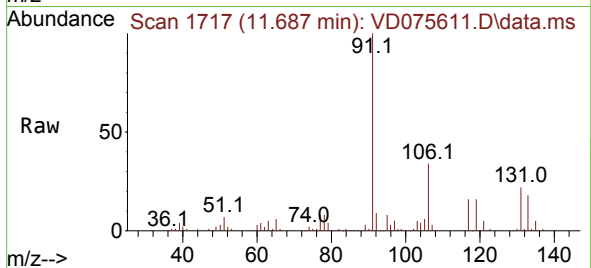
VSTDIC005

Tgt Ion: 91 Resp: 121369

Ion Ratio Lower Upper

91 100

106 33.9 24.5 36.7



#68

m/p-Xylenes

Concen: 7.379 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD075611.D

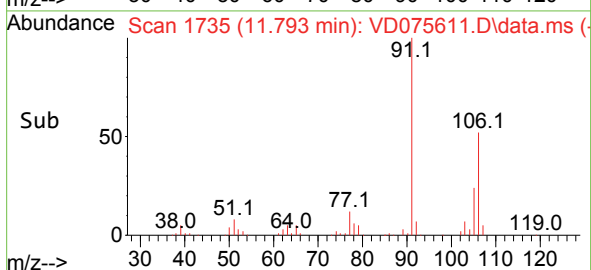
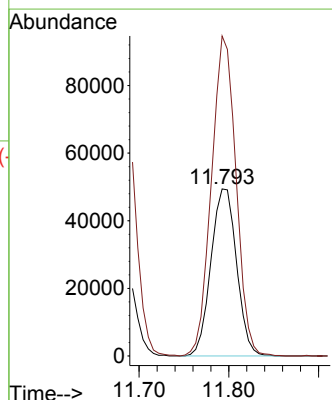
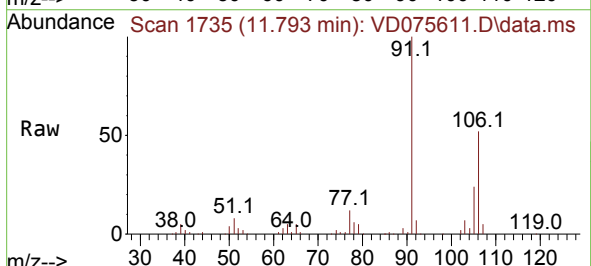
Acq: 10 Apr 2023 17:25

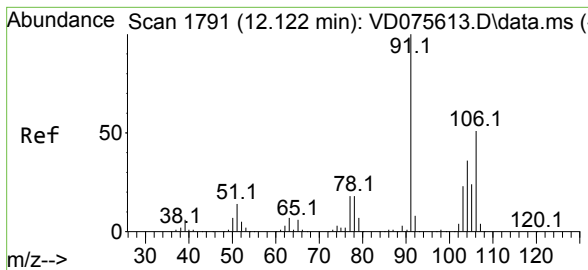
Tgt Ion: 106 Resp: 97984

Ion Ratio Lower Upper

106 100

91 183.9 161.5 242.3

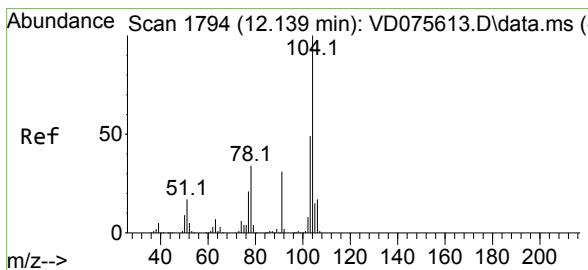
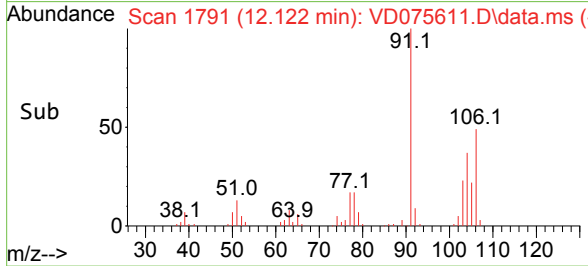
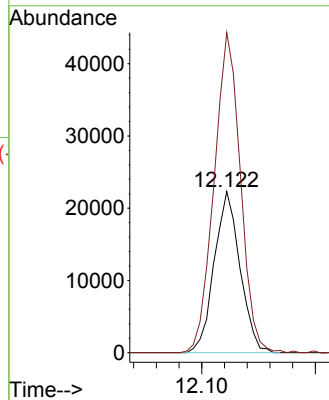
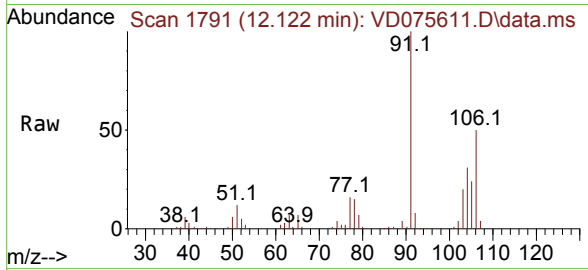




#69
o-Xylene
Concen: 2.832 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

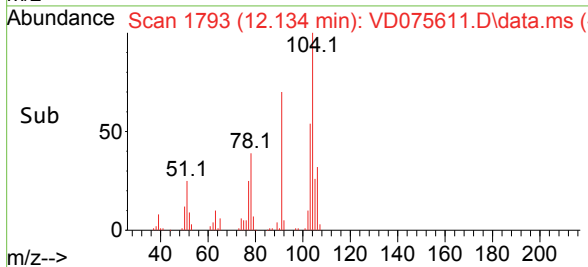
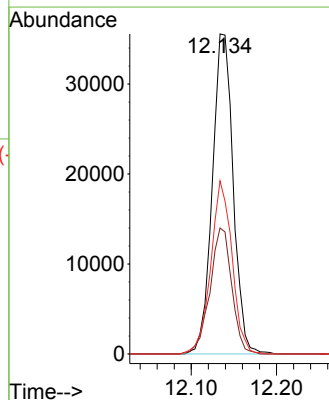
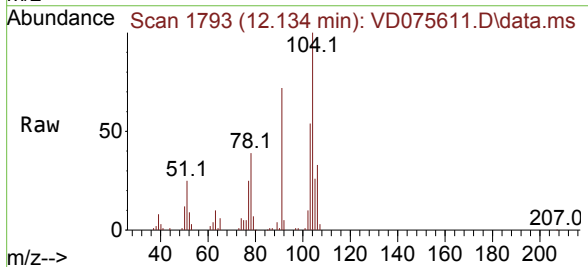
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

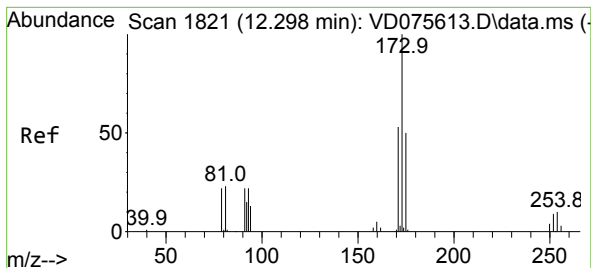
Tgt Ion:106 Resp: 35149
Ion Ratio Lower Upper
106 100
91 203.3 105.7 317.1



#70
Styrene
Concen: 2.920 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion:104 Resp: 60521
Ion Ratio Lower Upper
104 100
78 41.1 40.2 60.4
103 55.1 44.2 66.2





#71

Bromoform

Concen: 3.312 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

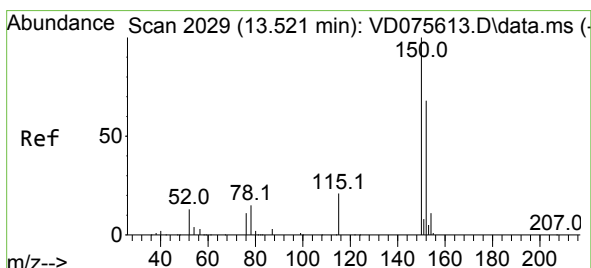
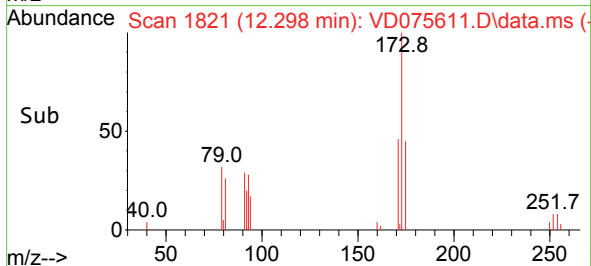
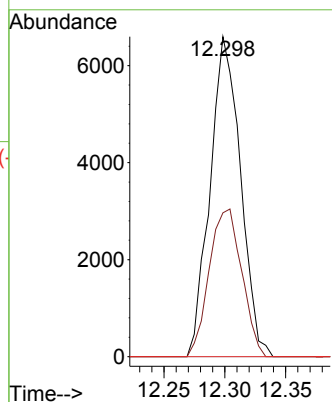
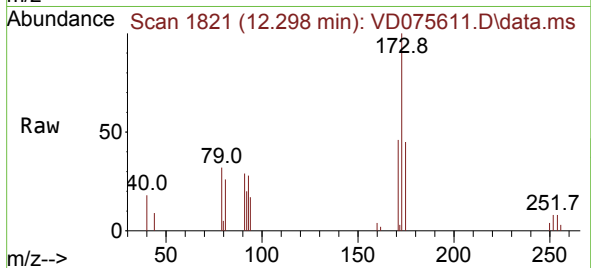
Tgt Ion:173 Resp: 11466

Ion Ratio Lower Upper

173 100

175 49.3 23.5 70.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

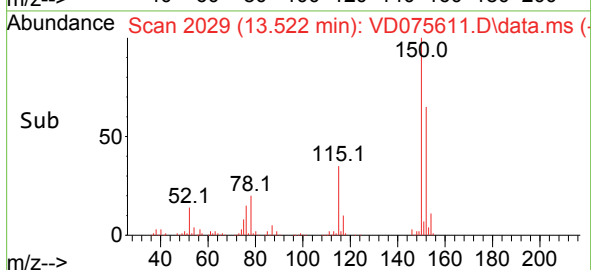
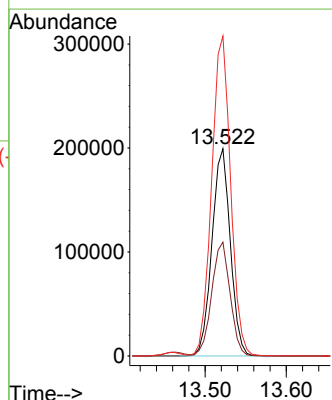
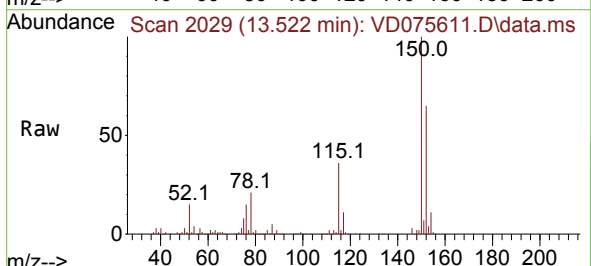
Tgt Ion:152 Resp: 312901

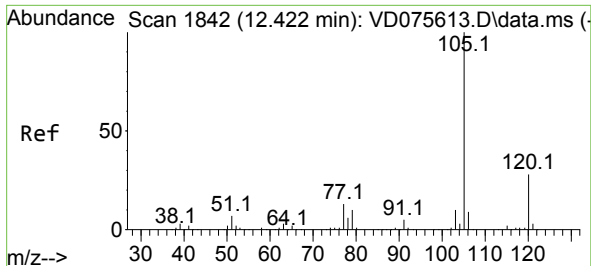
Ion Ratio Lower Upper

152 100

115 55.0 30.1 90.3

150 159.1 0.0 364.8

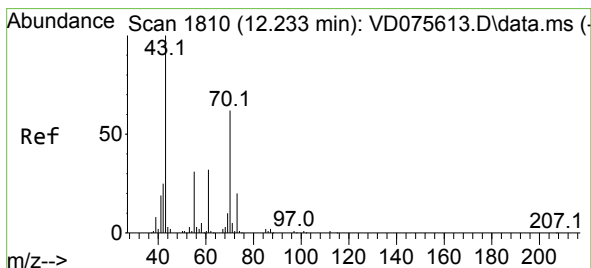
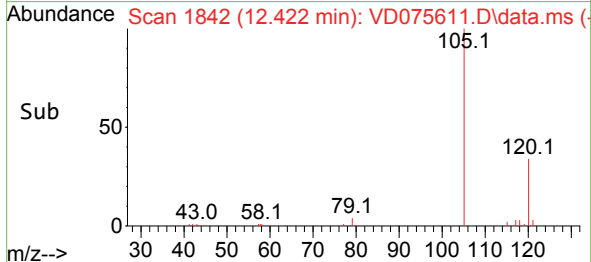
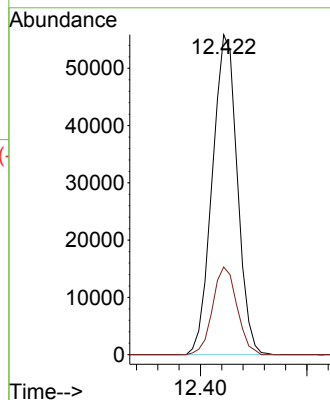
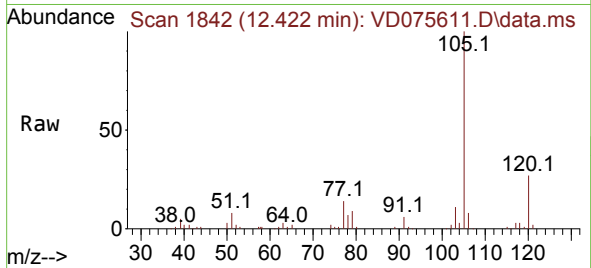




#73
Isopropylbenzene
Concen: 3.758 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

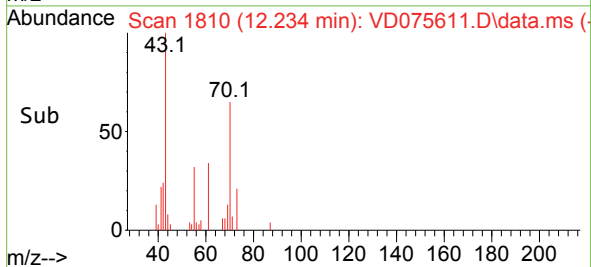
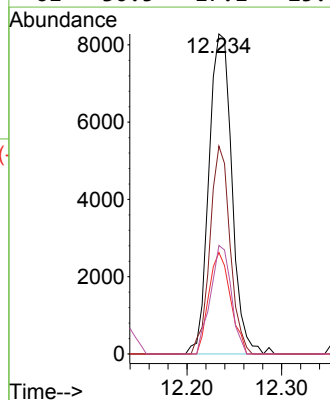
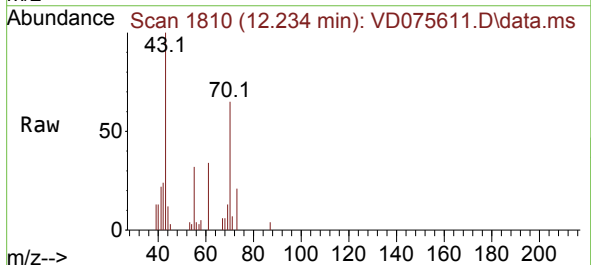
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

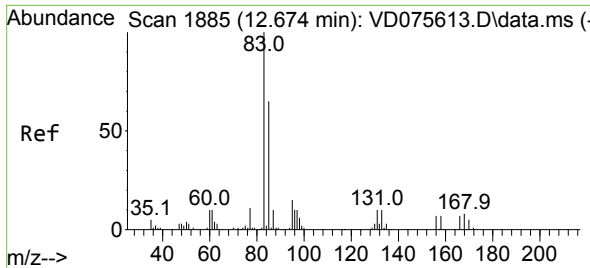
Tgt Ion:105 Resp: 90924
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 4.561 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion: 43 Resp: 13972
Ion Ratio Lower Upper
43 100
70 56.9 31.0 46.4#
55 29.7 18.6 28.0#
61 30.5 17.1 25.7#

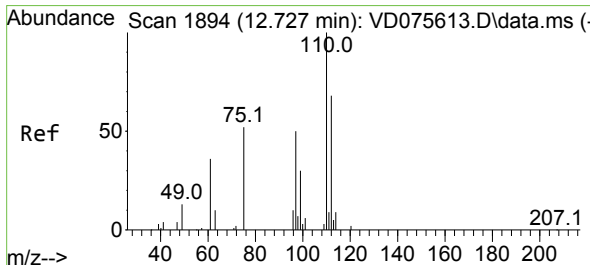
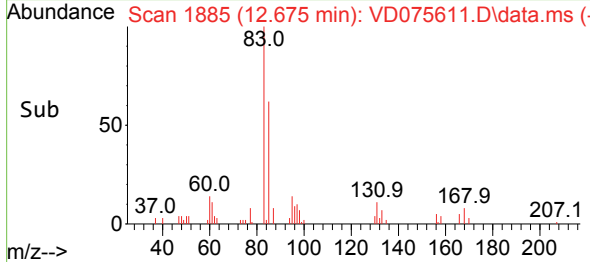
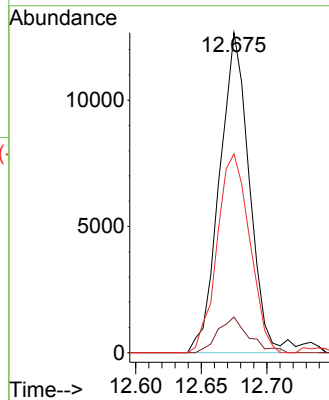
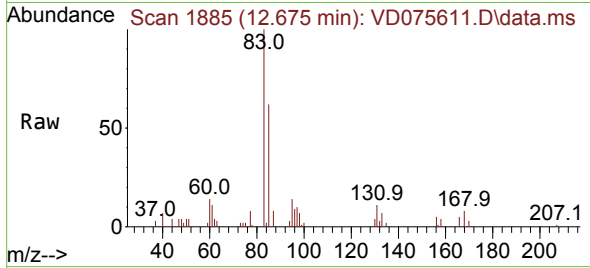




#75
 1,1,2,2-Tetrachloroethane
 Concen: 4.758 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD075611.D
 Acq: 10 Apr 2023 17:25

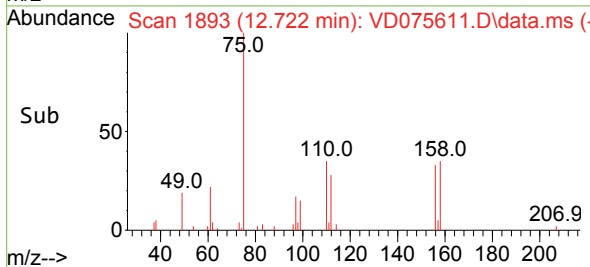
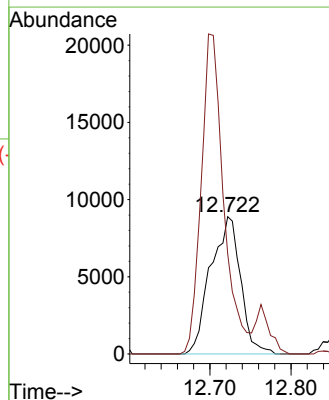
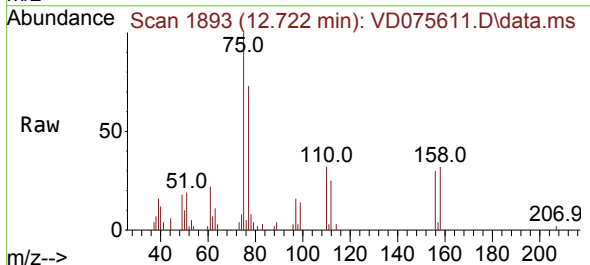
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

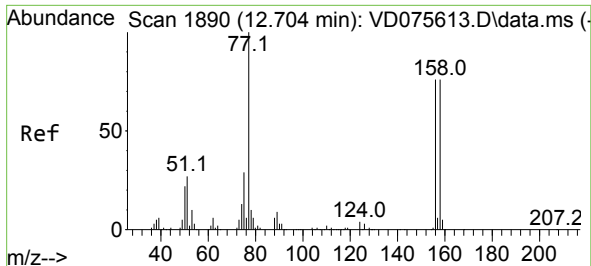
Tgt Ion: 83 Resp: 19860
 Ion Ratio Lower Upper
 83 100
 131 11.7 5.1 15.2
 85 68.4 33.6 100.6



#76
 1,2,3-Trichloropropane
 Concen: 8.651 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.005 min
 Lab File: VD075611.D
 Acq: 10 Apr 2023 17:25

Tgt Ion: 75 Resp: 22748
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

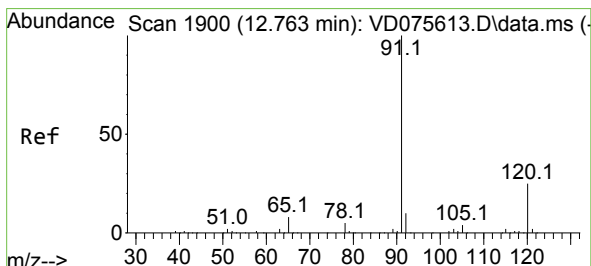
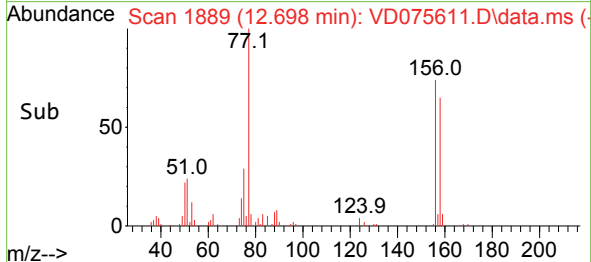
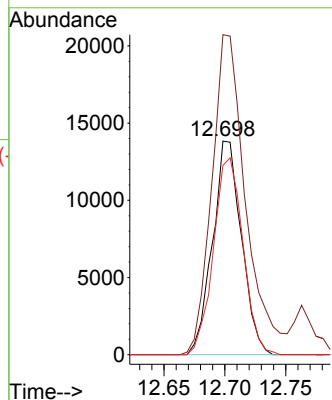
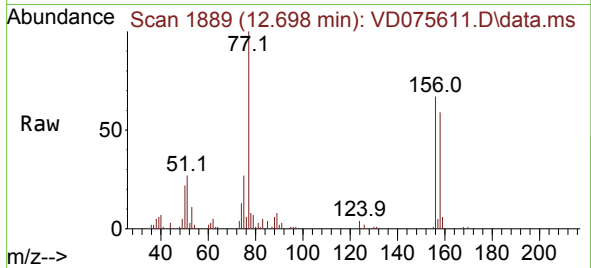




#77
Bromobenzene
Concen: 3.886 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

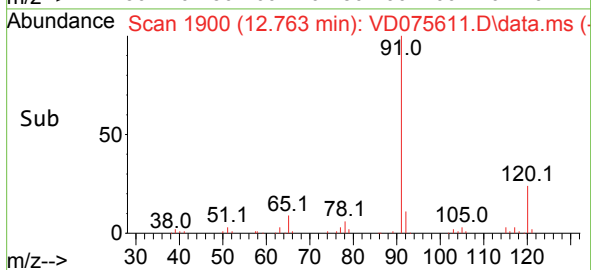
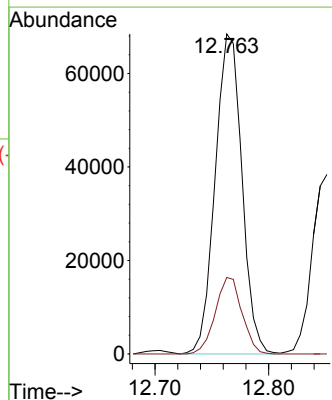
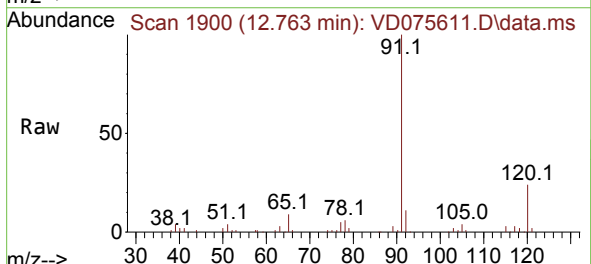
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

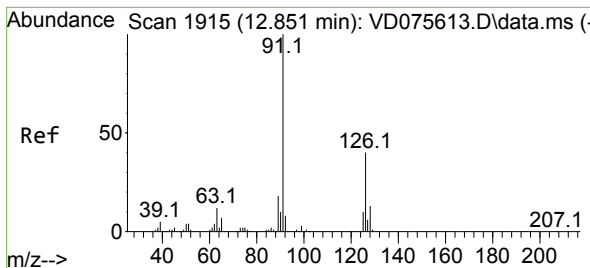
Tgt Ion:156 Resp: 22830
Ion Ratio Lower Upper
156 100
77 175.7 89.5 268.6
158 94.2 47.8 143.4



#78
n-propylbenzene
Concen: 3.803 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion: 91 Resp: 111930
Ion Ratio Lower Upper
91 100
120 23.8 11.4 34.2





#79

2-Chlorotoluene

Concen: 4.061 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

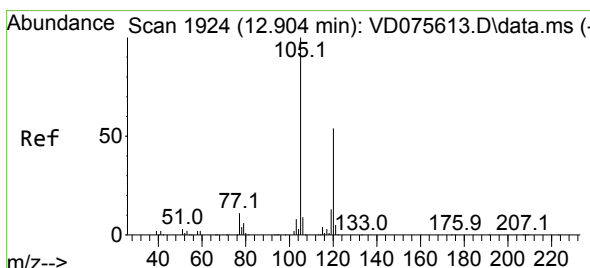
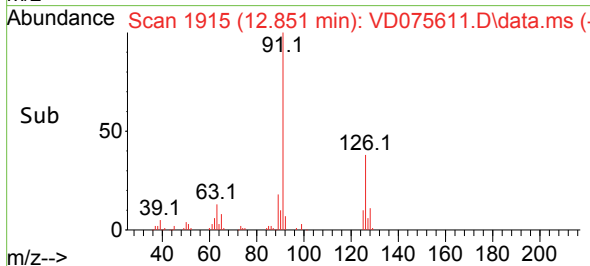
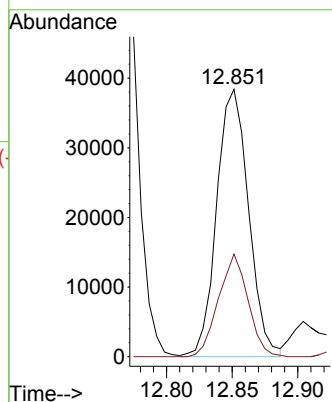
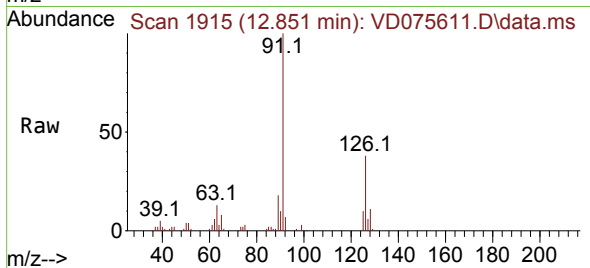
VSTDIC005

Tgt Ion: 91 Resp: 64985

Ion Ratio Lower Upper

91 100

126 35.4 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 3.638 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075611.D

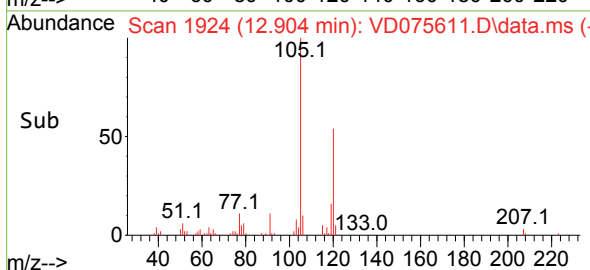
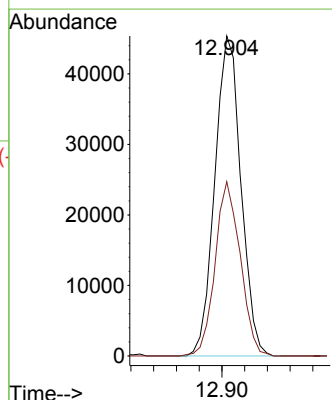
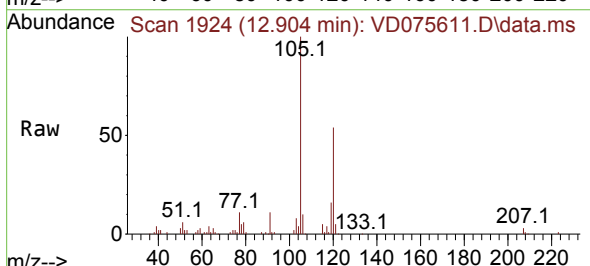
Acq: 10 Apr 2023 17:25

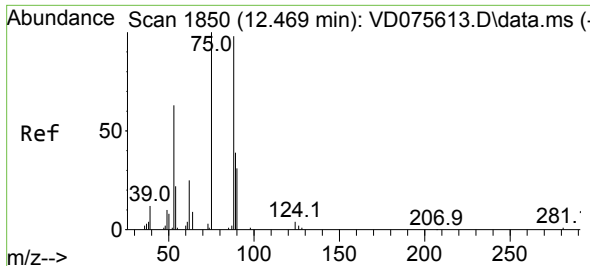
Tgt Ion: 105 Resp: 72431

Ion Ratio Lower Upper

105 100

120 52.4 24.3 72.8

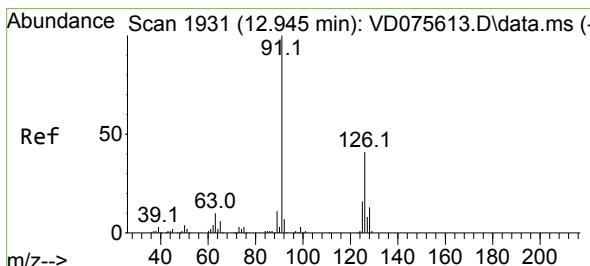
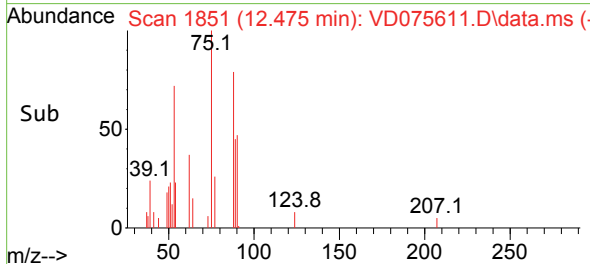
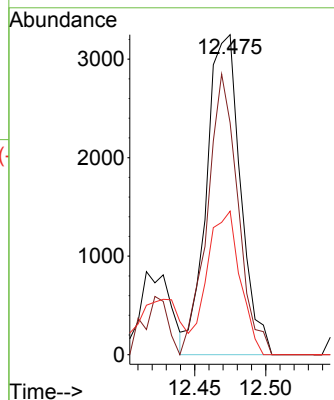
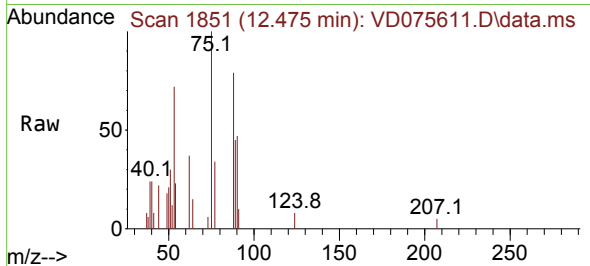




#81
trans-1,4-Dichloro-2-butene
Concen: 4.503 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

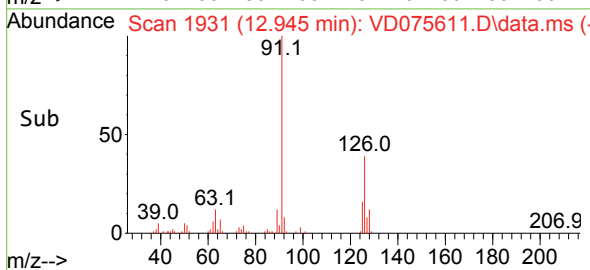
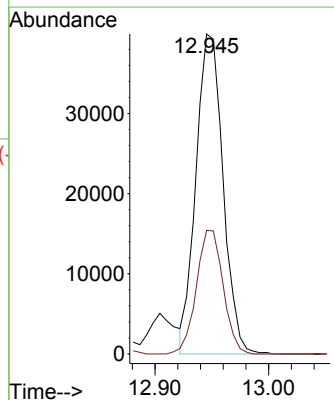
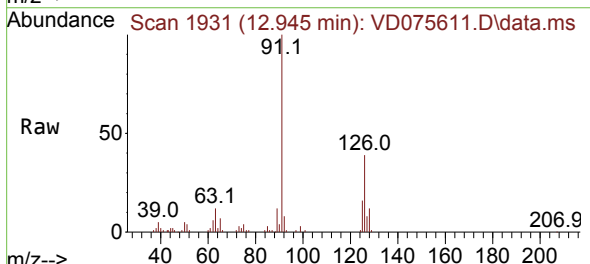
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

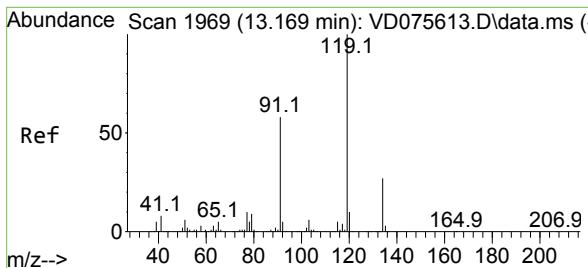
Tgt Ion: 75 Resp: 5386
Ion Ratio Lower Upper
75 100
53 79.1 90.5 135.7#
89 43.5 40.2 60.4



#82
4-Chlorotoluene
Concen: 3.987 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion: 91 Resp: 66052
Ion Ratio Lower Upper
91 100
126 38.2 17.1 51.2





#83

tert-Butylbenzene

Concen: 3.539 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

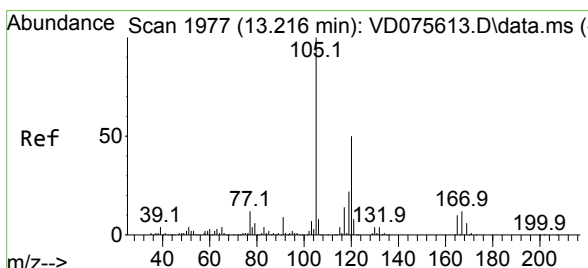
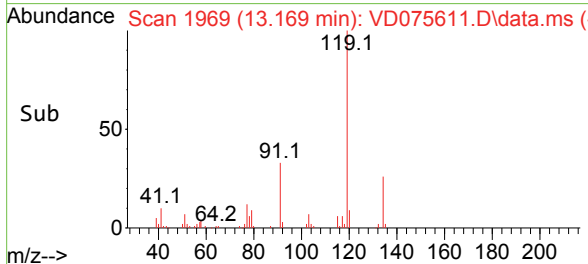
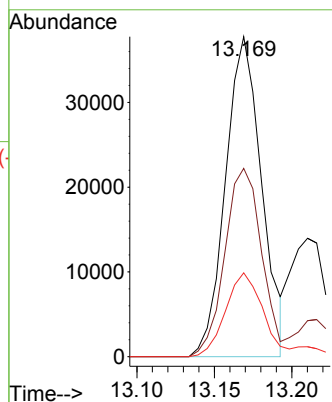
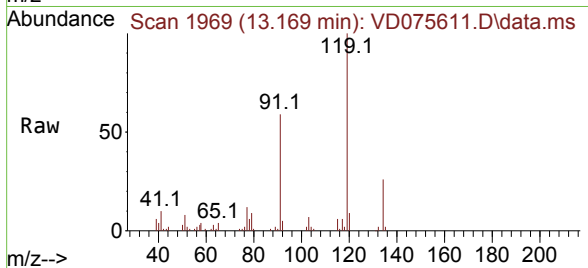
Tgt Ion:119 Resp: 61170

Ion Ratio Lower Upper

119 100

91 61.1 32.4 97.0

134 26.9 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 3.837 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075611.D

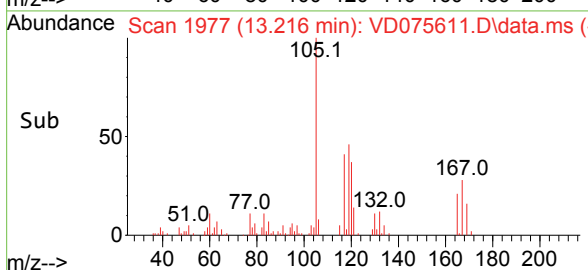
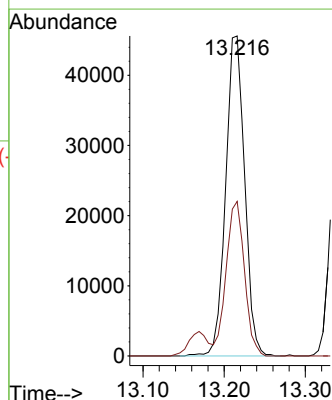
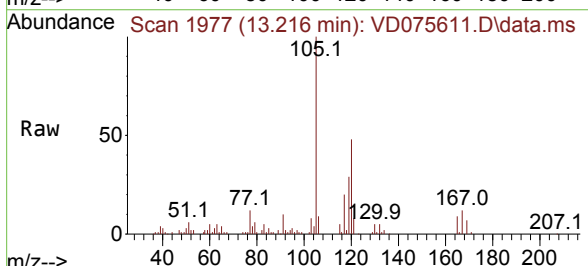
Acq: 10 Apr 2023 17:25

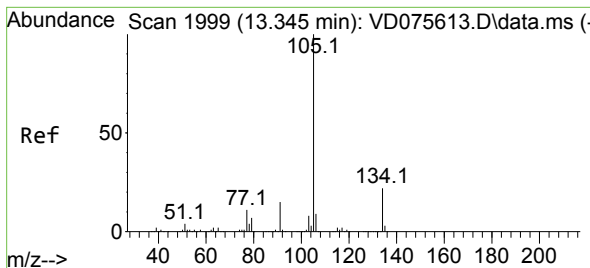
Tgt Ion:105 Resp: 74099

Ion Ratio Lower Upper

105 100

120 46.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 3.717 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

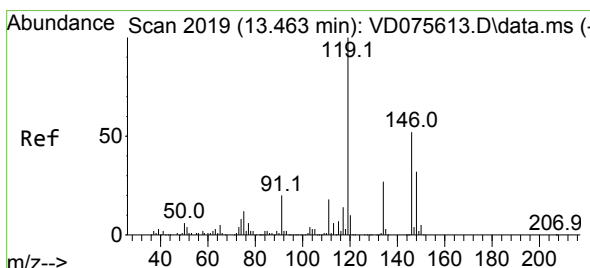
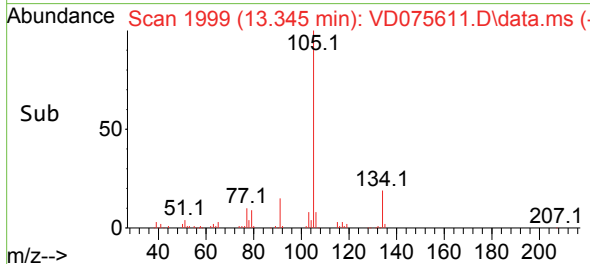
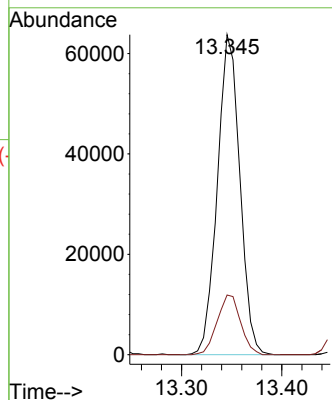
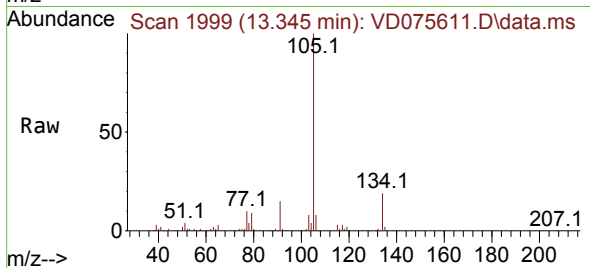
VSTDIC005

Tgt Ion:105 Resp: 99223

Ion Ratio Lower Upper

105 100

134 19.5 9.9 29.7



#86

p-Isopropyltoluene

Concen: 3.683 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

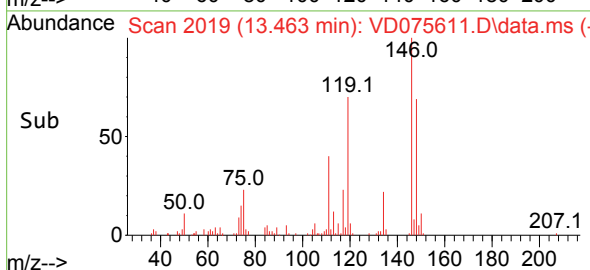
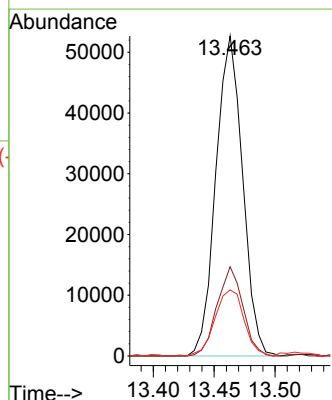
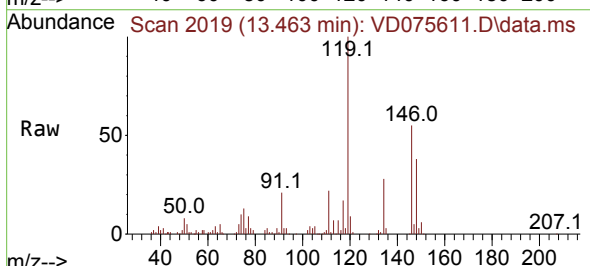
Tgt Ion:119 Resp: 80421

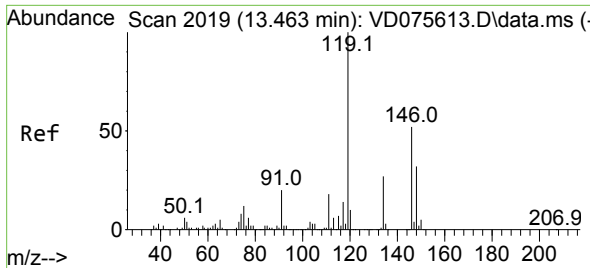
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 22.5 12.4 37.4

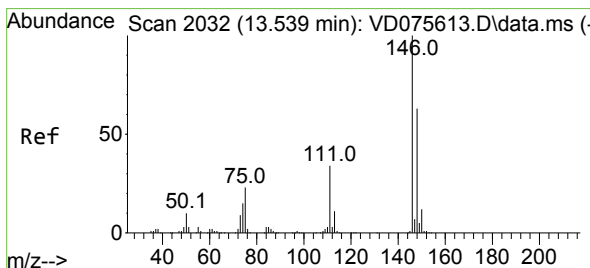
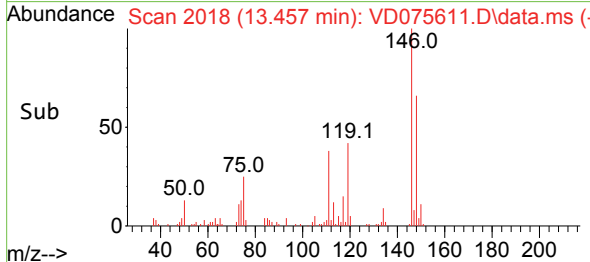
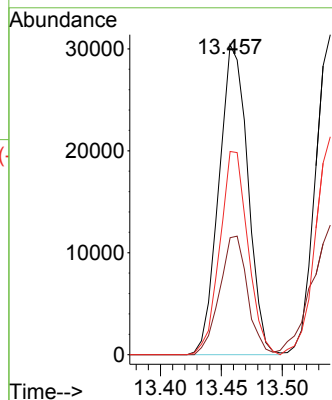
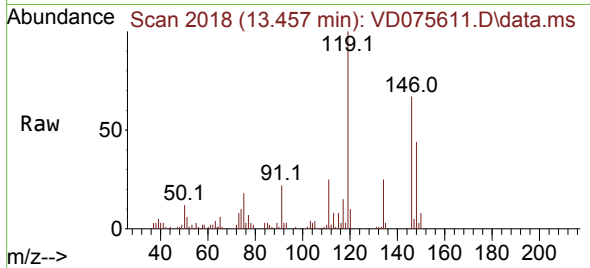




#87
 1,3-Dichlorobenzene
 Concen: 4.168 ug/l
 RT: 13.457 min Scan# 2019
 Delta R.T. -0.006 min
 Lab File: VD075611.D
 Acq: 10 Apr 2023 17:25

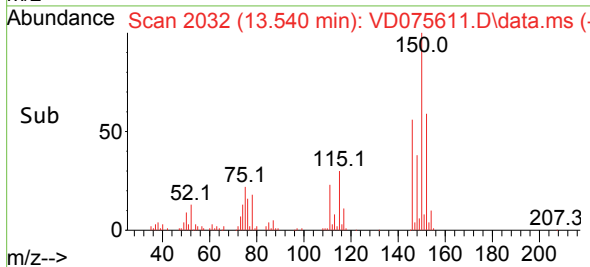
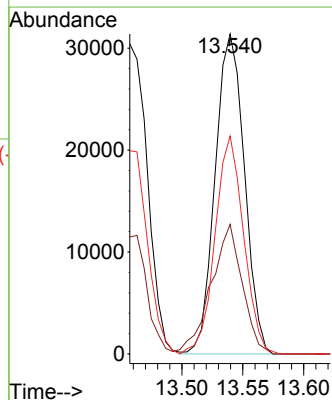
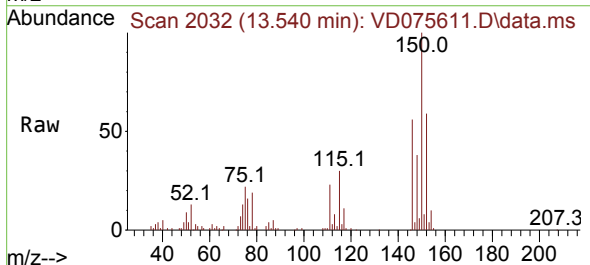
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

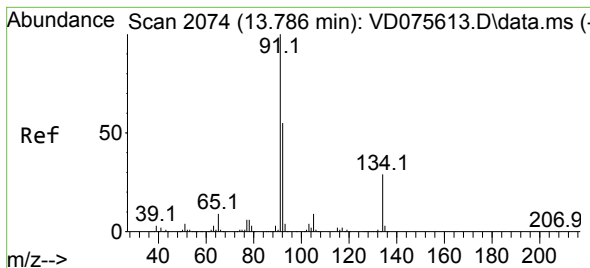
Tgt Ion:146 Resp: 50317
 Ion Ratio Lower Upper
 146 100
 111 36.8 19.8 59.3
 148 63.6 31.0 93.0



#88
 1,4-Dichlorobenzene
 Concen: 4.385 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD075611.D
 Acq: 10 Apr 2023 17:25

Tgt Ion:146 Resp: 52474
 Ion Ratio Lower Upper
 146 100
 111 43.3 19.6 58.8
 148 66.4 31.7 95.1





#89

n-Butylbenzene

Concen: 3.753 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

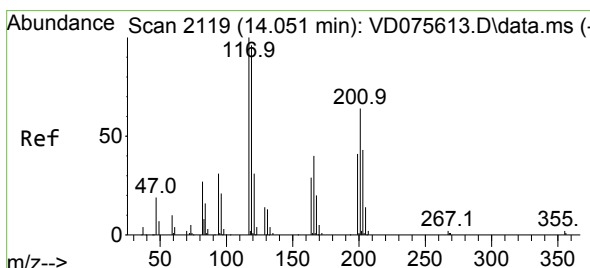
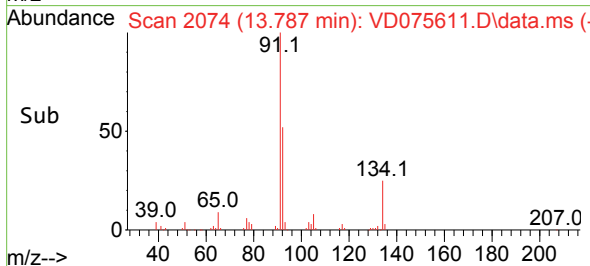
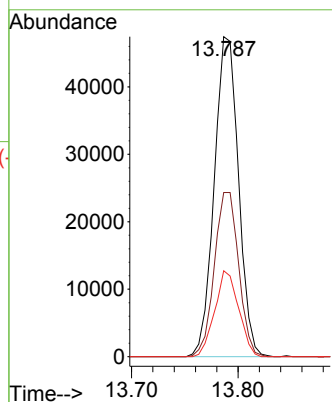
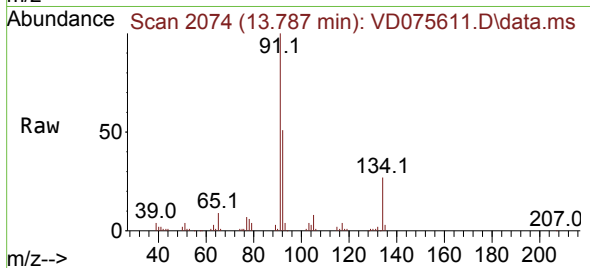
Tgt Ion: 91 Resp: 74929

Ion Ratio Lower Upper

91 100

92 51.4 26.2 78.5

134 26.4 12.7 38.0



#90

Hexachloroethane

Concen: 4.146 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD075611.D

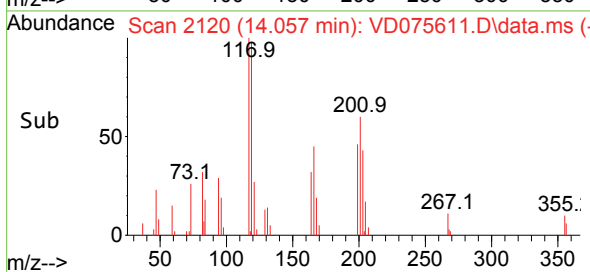
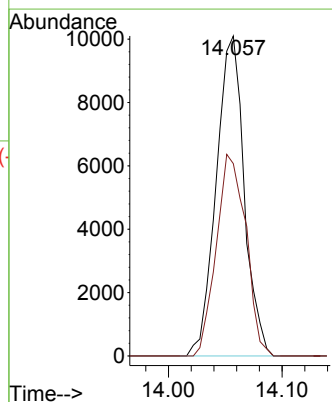
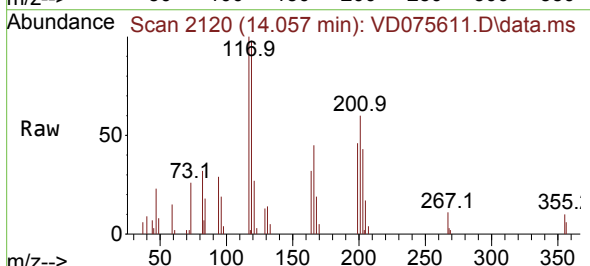
Acq: 10 Apr 2023 17:25

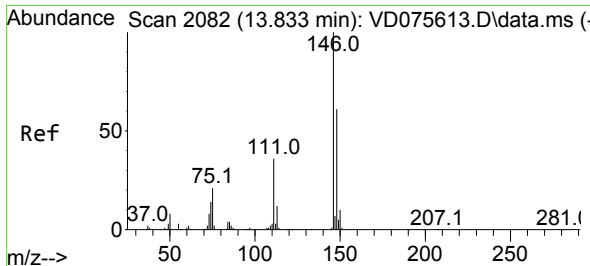
Tgt Ion: 117 Resp: 17296

Ion Ratio Lower Upper

117 100

201 66.5 34.5 103.6

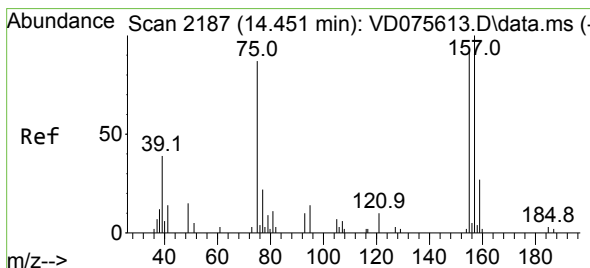
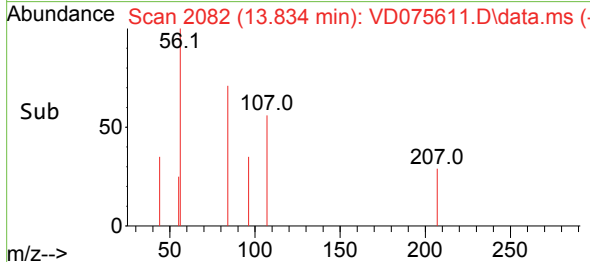
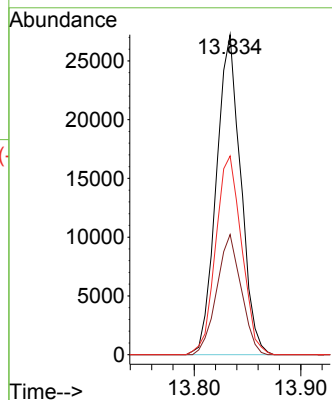
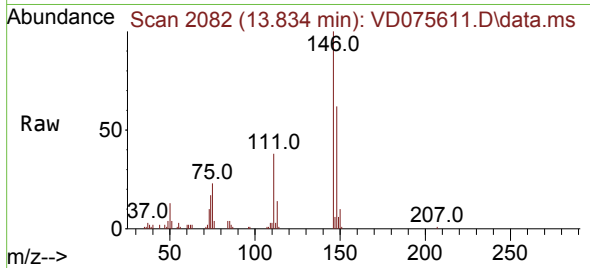




#91
1,2-Dichlorobenzene
Concen: 4.237 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

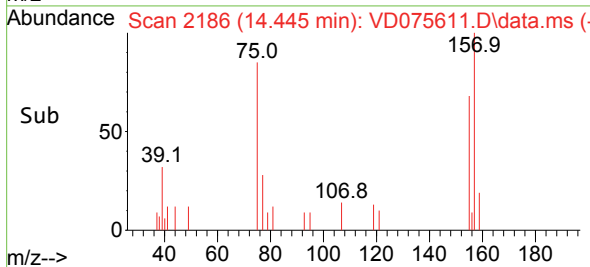
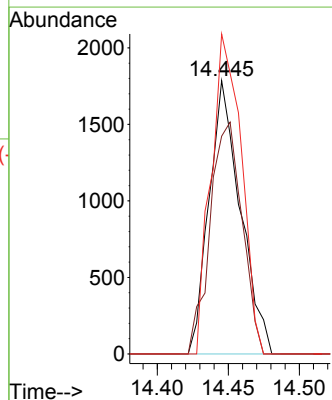
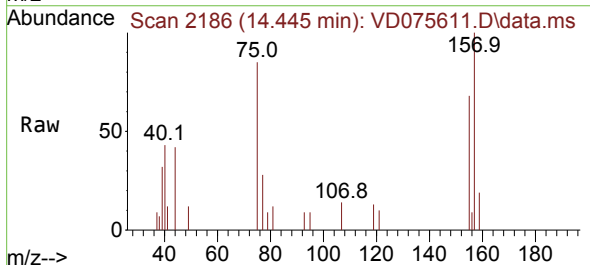
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

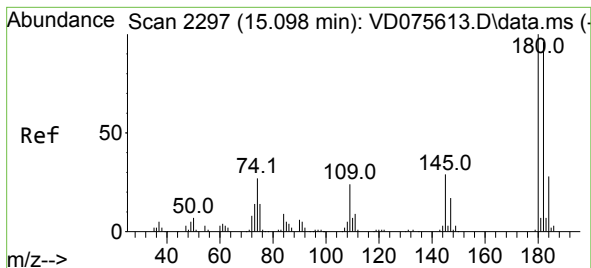
Tgt Ion:146 Resp: 43313
Ion Ratio Lower Upper
146 100
111 37.6 20.6 61.8
148 66.0 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.355 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion: 75 Resp: 2739
Ion Ratio Lower Upper
75 100
155 86.7 39.5 118.5
157 113.1 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 3.865 ug/l

RT: 15.104 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

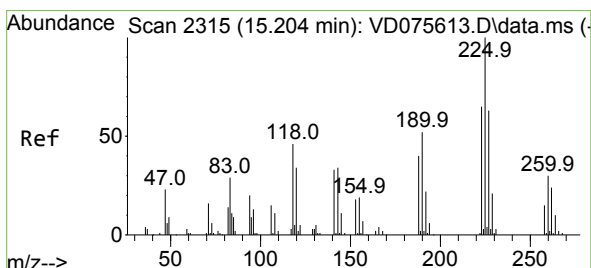
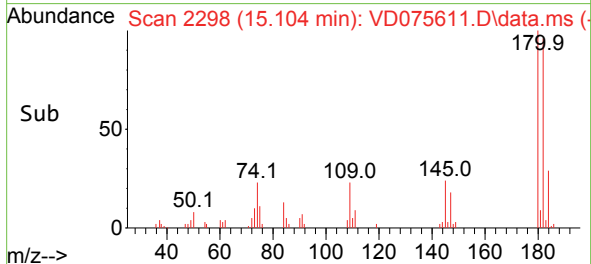
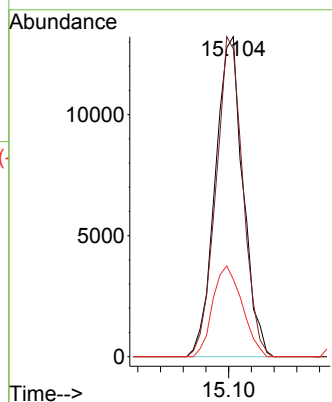
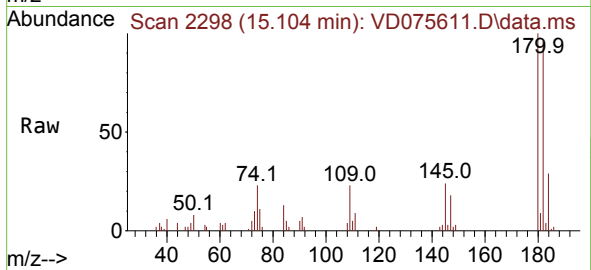
Tgt Ion:180 Resp: 22473

Ion Ratio Lower Upper

180 100

182 96.5 47.9 143.7

145 29.9 15.9 47.7



#94

Hexachlorobutadiene

Concen: 4.091 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD075611.D

Acq: 10 Apr 2023 17:25

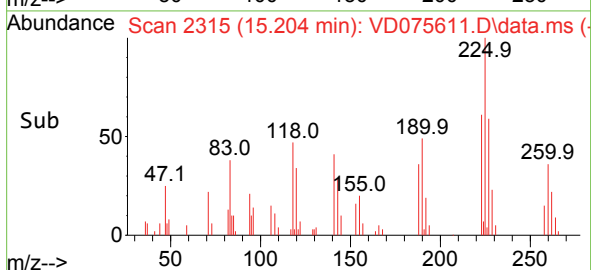
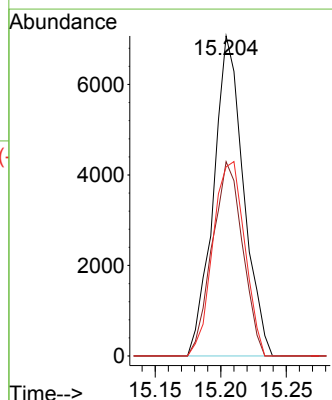
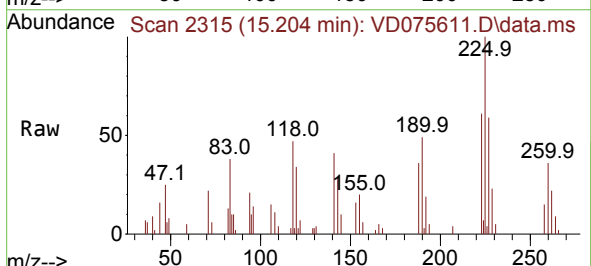
Tgt Ion:225 Resp: 11264

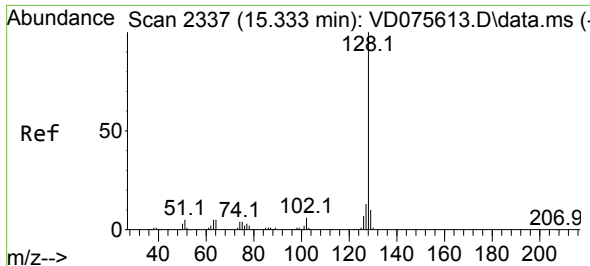
Ion Ratio Lower Upper

225 100

223 61.3 33.1 99.2

227 64.2 31.9 95.9

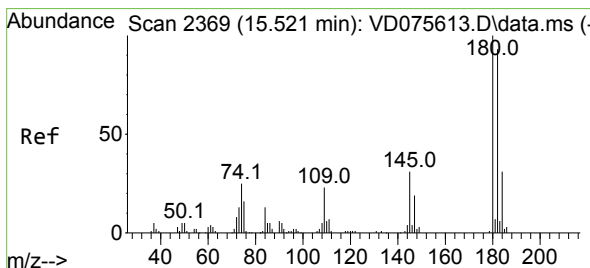
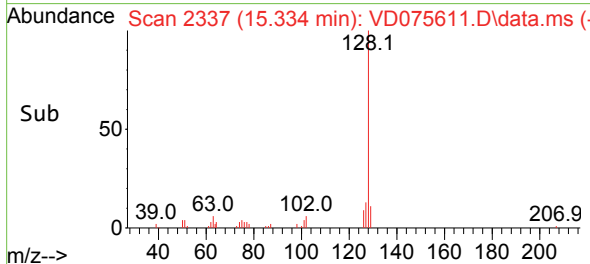
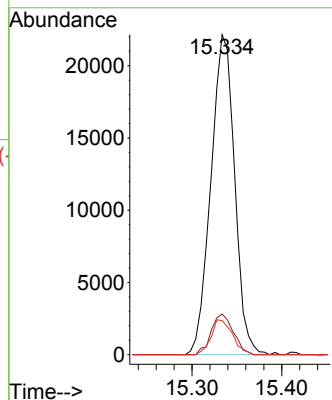
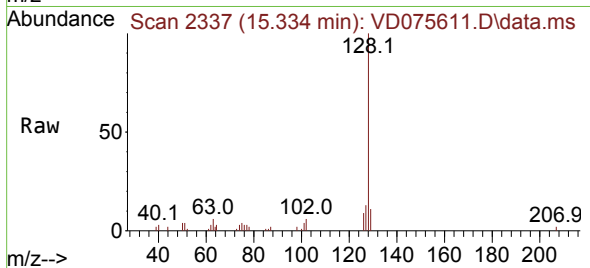




#95
Naphthalene
Concen: 3.812 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:128	Resp:	40706
Ion Ratio	Lower	Upper
128	100	
127	11.9	10.4 15.6
129	9.9	8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.117 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD075611.D
Acq: 10 Apr 2023 17:25

Tgt Ion:180	Resp:	20708
Ion Ratio	Lower	Upper
180	100	
182	93.6	47.7 143.1
145	28.9	16.4 49.4

