

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061323\
 Data File : VD076409.D
 Acq On : 13 Jun 2023 17:18
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 14 05:48:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	201381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	352417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	310673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	149187	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	108494	46.644	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.280%
35) Dibromofluoromethane	7.804	113	110900	48.689	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.380%
50) Toluene-d8	10.269	98	410145	47.517	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.040%
62) 4-Bromofluorobenzene	12.575	95	133706	45.153	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	76530	42.549	ug/l	95
3) Chloromethane	2.146	50	161938	47.548	ug/l	97
4) Vinyl Chloride	2.275	62	164224	50.392	ug/l	97
5) Bromomethane	2.681	94	90187	52.813	ug/l	99
6) Chloroethane	2.828	64	105284	53.648	ug/l	92
7) Trichlorofluoromethane	3.163	101	142502	43.453	ug/l	100
8) Diethyl Ether	3.587	74	55700	47.277	ug/l	67
9) 1,1,2-Trichlorotrifluo...	3.952	101	88735	45.002	ug/l	97
10) Methyl Iodide	4.152	142	122183	48.188	ug/l	93
11) Tert butyl alcohol	5.057	59	43844	225.481	ug/l #	87
12) 1,1-Dichloroethene	3.934	96	91172	45.339	ug/l #	79
13) Acrolein	3.787	56	47906	214.786	ug/l	94
14) Allyl chloride	4.558	41	176413	44.858	ug/l #	86
15) Acrylonitrile	5.252	53	142220	237.250	ug/l	99
16) Acetone	4.022	43	124881	244.225	ug/l #	81
17) Carbon Disulfide	4.263	76	262596	45.450	ug/l #	95
18) Methyl Acetate	4.558	43	110843	47.546	ug/l #	80
19) Methyl tert-butyl Ether	5.310	73	262140	46.981	ug/l	96
20) Methylene Chloride	4.799	84	158509	61.162	ug/l #	75
21) trans-1,2-Dichloroethene	5.305	96	107626	46.056	ug/l	87
22) Diisopropyl ether	6.210	45	373212	46.617	ug/l #	88
23) Vinyl Acetate	6.152	43	840115	244.332	ug/l #	85
24) 1,1-Dichloroethane	6.104	63	207512	46.632	ug/l	97
25) 2-Butanone	7.075	43	191937	239.998	ug/l #	80
26) 2,2-Dichloropropane	7.075	77	175148	43.714	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	127811	45.944	ug/l	83
28) Bromochloromethane	7.416	49	62517	50.883	ug/l #	69
29) Tetrahydrofuran	7.446	42	123860	242.754	ug/l #	76
30) Chloroform	7.593	83	202900	45.748	ug/l	99
31) Cyclohexane	7.875	56	155313	41.732	ug/l #	80
32) 1,1,1-Trichloroethane	7.787	97	167023	44.095	ug/l	98
36) 1,1-Dichloropropene	8.004	75	146717	44.131	ug/l	95
37) Ethyl Acetate	7.163	43	86013	49.188	ug/l #	90
38) Carbon Tetrachloride	7.987	117	133647	43.298	ug/l	99
39) Methylcyclohexane	9.269	83	167137	43.662	ug/l #	88
40) Benzene	8.246	78	448247	46.378	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061323\
 Data File : VD076409.D
 Acq On : 13 Jun 2023 17:18
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 14 05:48:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	44214	39.524	ug/l #	81
42) 1,2-Dichloroethane	8.322	62	129965	45.157	ug/l	94
43) Isopropyl Acetate	8.357	43	170943	46.626	ug/l #	83
44) Trichloroethene	9.028	130	117465	44.833	ug/l	84
45) 1,2-Dichloropropane	9.304	63	123149	47.940	ug/l	97
46) Dibromomethane	9.393	93	65646	46.306	ug/l	96
47) Bromodichloromethane	9.581	83	161281	45.926	ug/l	98
48) Methyl methacrylate	9.381	41	80489	45.805	ug/l #	67
49) 1,4-Dioxane	9.387	88	16574	985.386	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	425256	233.535	ug/l #	83
52) Toluene	10.334	92	281144	46.014	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	164688	45.851	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	191981	46.478	ug/l #	79
55) 1,1,2-Trichloroethane	10.734	97	88701	46.844	ug/l	95
56) Ethyl methacrylate	10.598	69	122990	46.771	ug/l #	71
57) 1,3-Dichloropropane	10.881	76	153635	46.642	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	263347	245.858	ug/l	91
59) 2-Hexanone	10.922	43	297391	232.990	ug/l	81
60) Dibromochloromethane	11.075	129	109474	46.726	ug/l	96
61) 1,2-Dibromoethane	11.181	107	86133	46.886	ug/l	99
64) Tetrachloroethene	10.810	164	95001	44.542	ug/l	93
65) Chlorobenzene	11.610	112	299998	46.586	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	111224	46.192	ug/l	96
67) Ethyl Benzene	11.681	91	539882	45.518	ug/l	96
68) m/p-Xylenes	11.792	106	416879	92.894	ug/l	91
69) o-Xylene	12.122	106	197172	45.737	ug/l	87
70) Styrene	12.134	104	341558	46.439	ug/l	94
71) Bromoform	12.298	173	67356	47.959	ug/l #	98
73) Isopropylbenzene	12.422	105	501013	44.406	ug/l	97
74) N-amyl acetate	12.234	43	156612	45.517	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.675	83	103486	46.448	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	131143	94.028	ug/l #	100
77) Bromobenzene	12.704	156	125399	47.107	ug/l	88
78) n-propylbenzene	12.763	91	612294	44.523	ug/l	97
79) 2-Chlorotoluene	12.851	91	343670	44.161	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	413054	43.862	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	35851	46.023	ug/l	93
82) 4-Chlorotoluene	12.945	91	356320	43.723	ug/l	93
83) tert-Butylbenzene	13.169	119	359245	44.453	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	419774	45.116	ug/l	96
85) sec-Butylbenzene	13.345	105	521708	43.861	ug/l	97
86) p-Isopropyltoluene	13.463	119	441164	44.048	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	236047	45.819	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	234346	46.029	ug/l	96
89) n-Butylbenzene	13.786	91	421787	43.832	ug/l	99
90) Hexachloroethane	14.051	117	81949	44.338	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	208662	46.054	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	14949	40.845	ug/l	94
93) 1,2,4-Trichlorobenzene	15.104	180	134143	44.236	ug/l	98
94) Hexachlorobutadiene	15.210	225	64447	42.244	ug/l	99
95) Naphthalene	15.333	128	278539	45.742	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	118010	45.059	ug/l	99

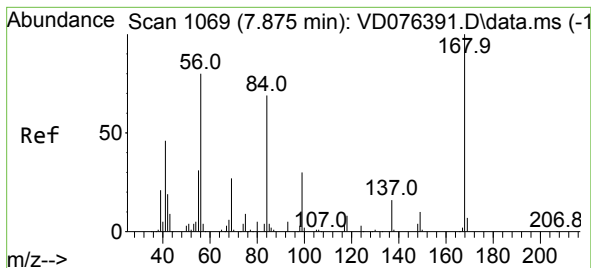
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061323\
Data File : VD076409.D
Acq On : 13 Jun 2023 17:18
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 14 05:48:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 13 02:01:34 2023
Response via : Initial Calibration

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

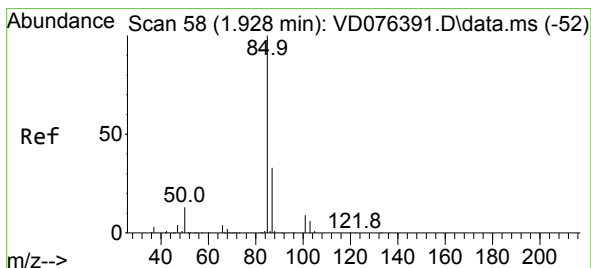
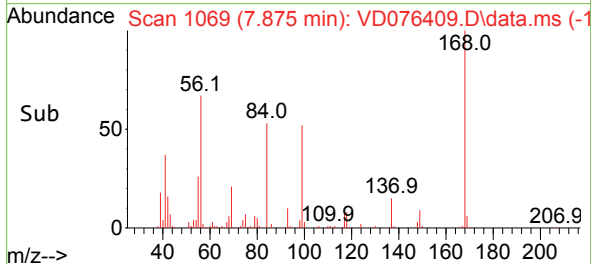
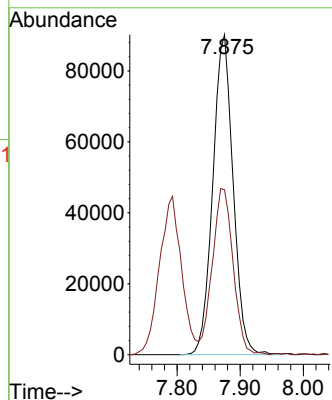
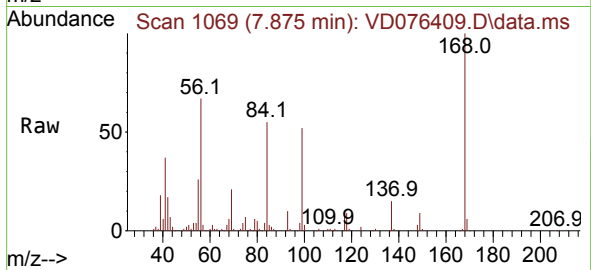
VSTDCCC050EC

Tgt Ion:168 Resp: 201381

Ion Ratio Lower Upper

168 100

99 51.4 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 42.549 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD076409.D

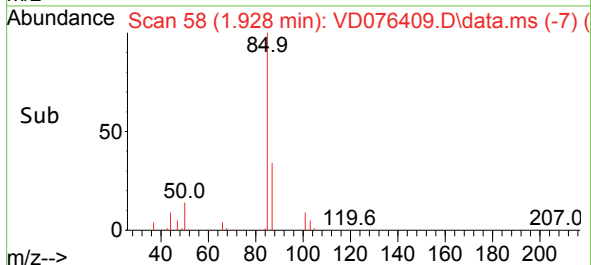
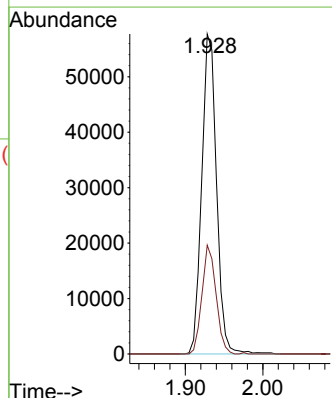
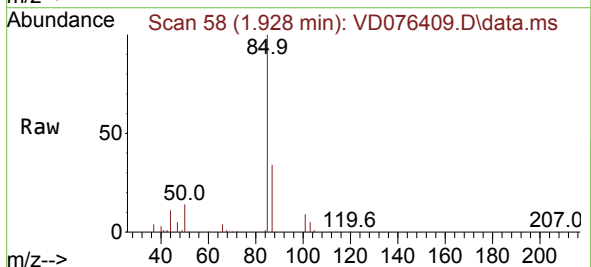
Acq: 13 Jun 2023 17:18

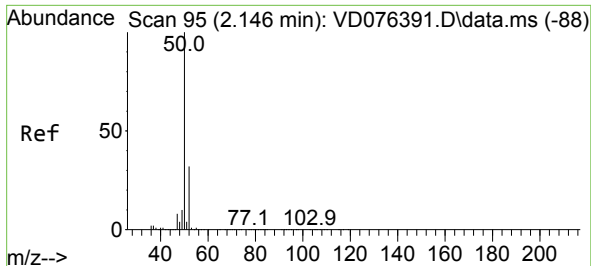
Tgt Ion: 85 Resp: 76530

Ion Ratio Lower Upper

85 100

87 34.0 15.7 47.0

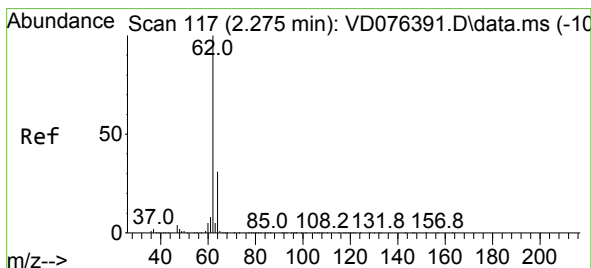
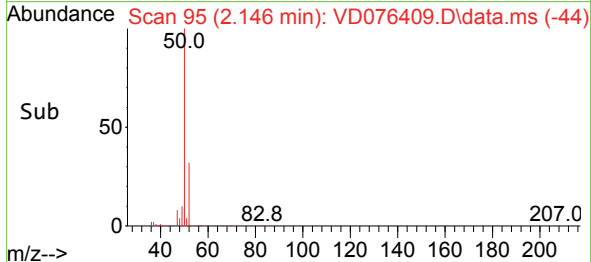
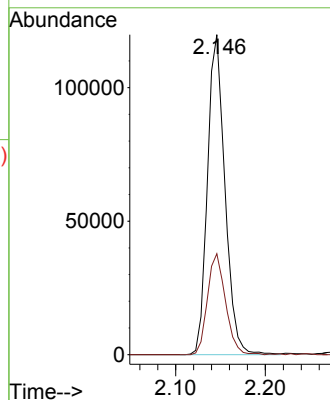
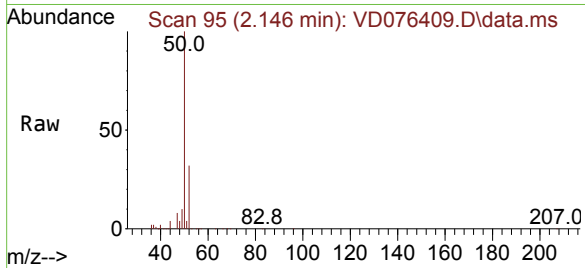




#3
Chloromethane
Concen: 47.548 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

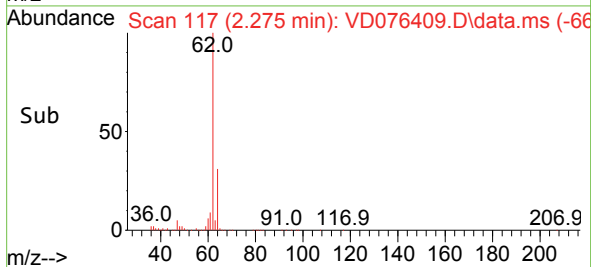
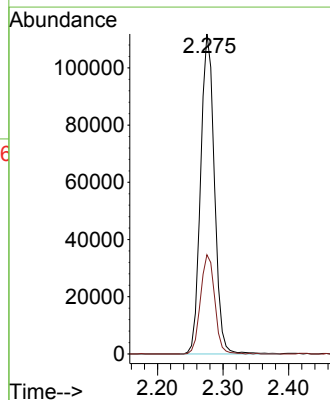
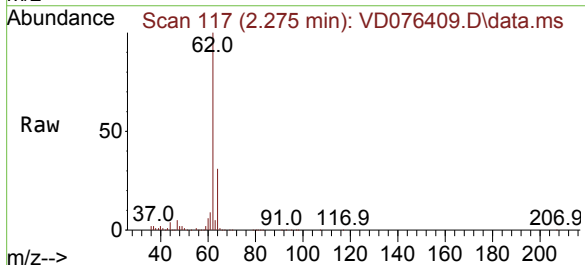
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

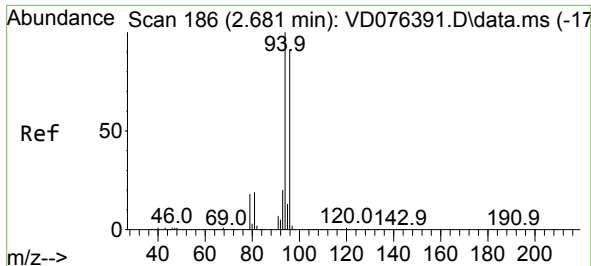
Tgt Ion: 50 Resp: 161938
Ion Ratio Lower Upper
50 100
52 31.6 26.6 40.0



#4
Vinyl Chloride
Concen: 50.392 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion: 62 Resp: 164224
Ion Ratio Lower Upper
62 100
64 31.0 26.0 39.0

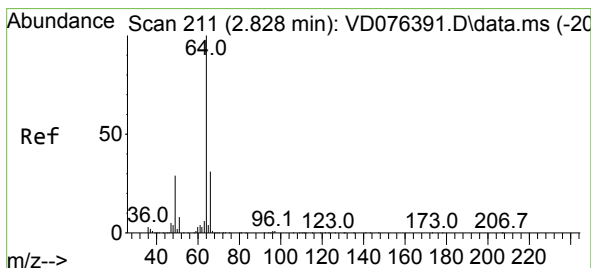
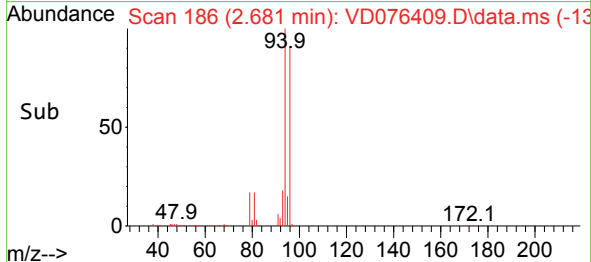
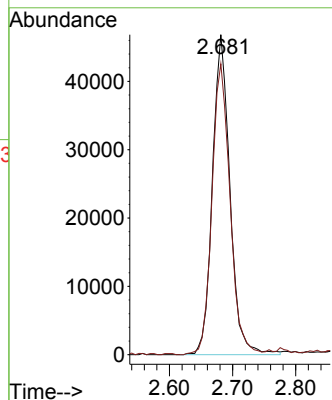
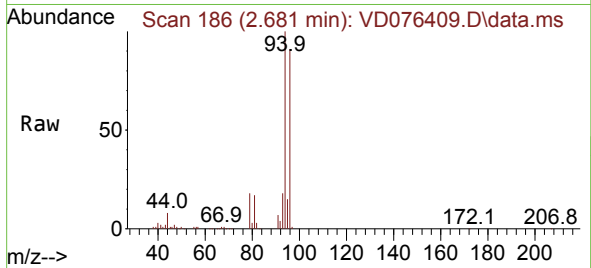




#5
Bromomethane
Concen: 52.813 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

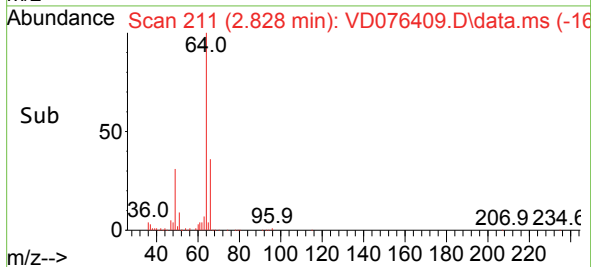
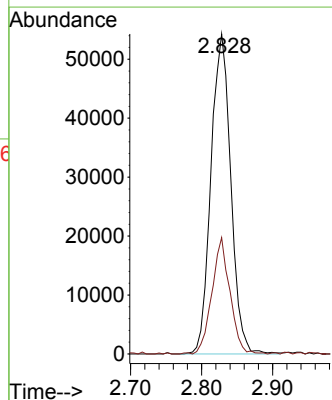
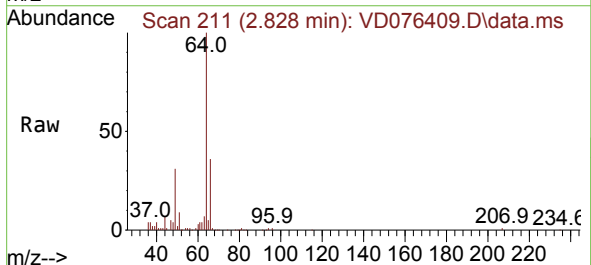
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

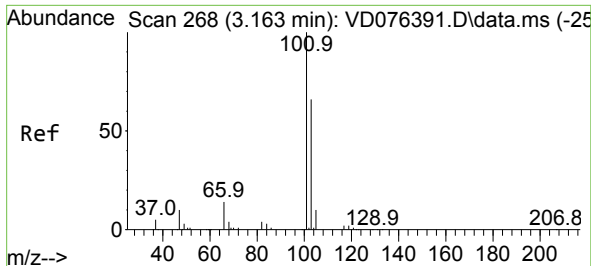
Tgt Ion: 94 Resp: 90187
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.8



#6
Chloroethane
Concen: 53.648 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion: 64 Resp: 105284
Ion Ratio Lower Upper
64 100
66 36.3 25.5 38.3

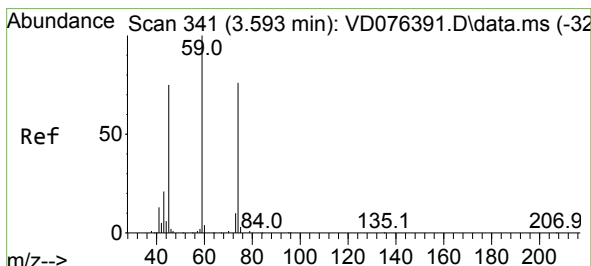
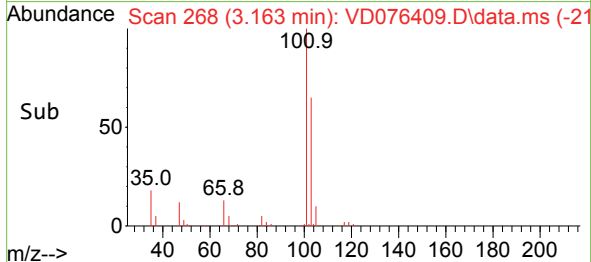
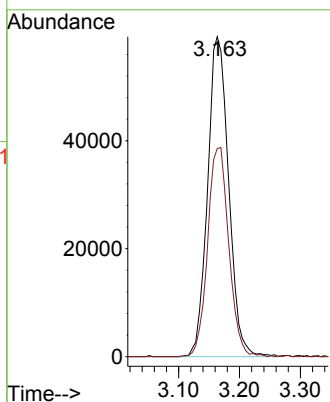
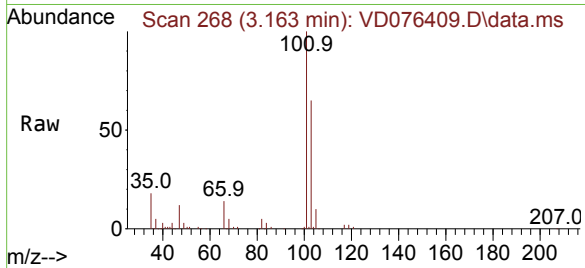




#7
 Trichlorofluoromethane
 Concen: 43.453 ug/l
 RT: 3.163 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD076409.D
 Acq: 13 Jun 2023 17:18

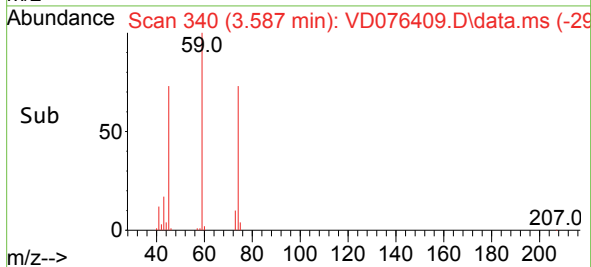
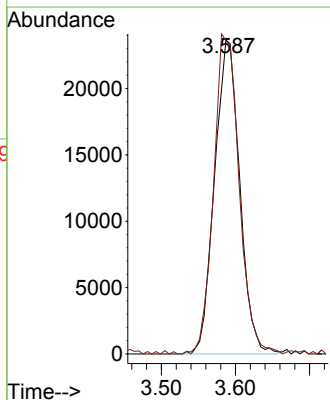
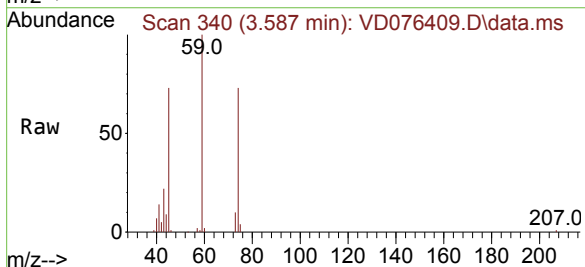
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

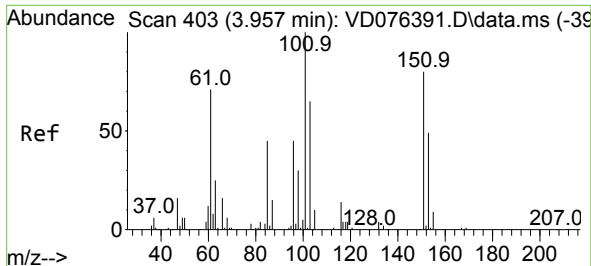
Tgt Ion:101 Resp: 142502
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.3 78.5



#8
 Diethyl Ether
 Concen: 47.277 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD076409.D
 Acq: 13 Jun 2023 17:18

Tgt Ion: 74 Resp: 55700
 Ion Ratio Lower Upper
 74 100
 45 103.3 37.5 112.7

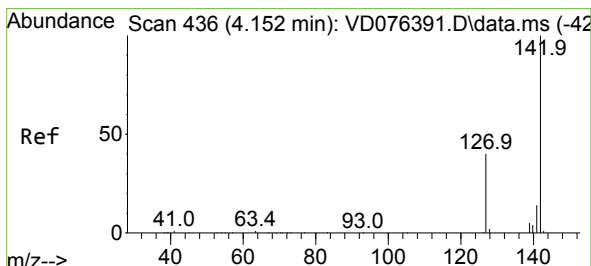
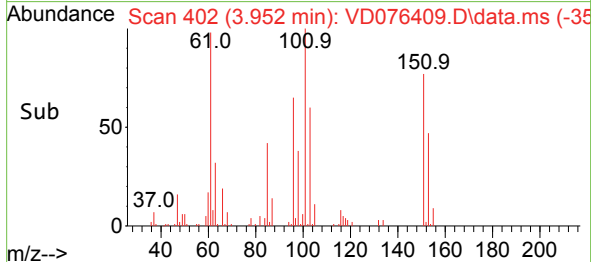
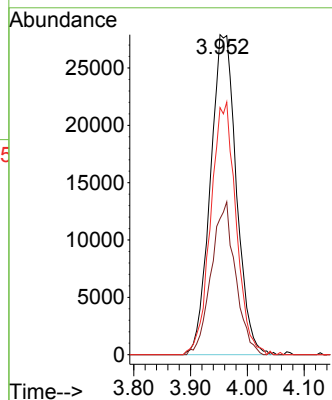
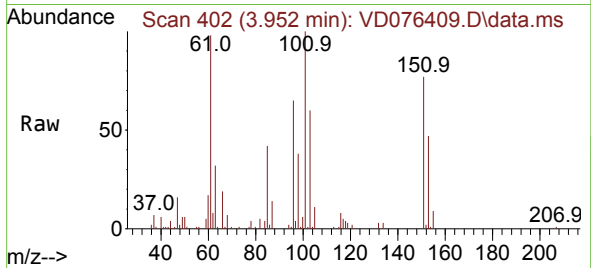




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.002 ug/l
RT: 3.952 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

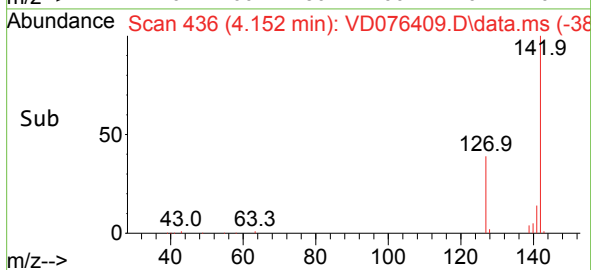
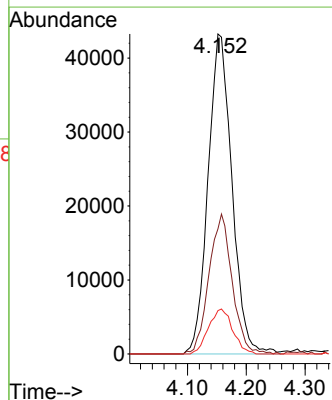
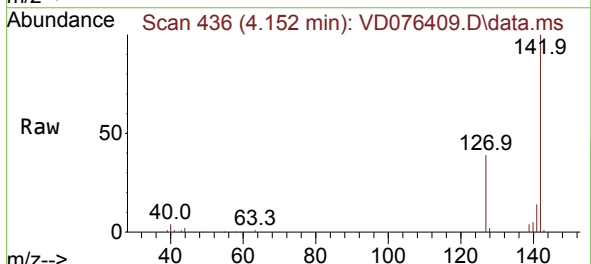
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

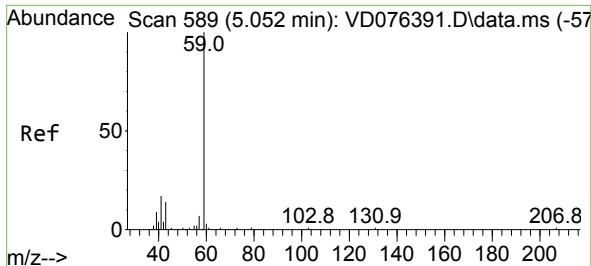
Tgt Ion:101 Resp: 88735
Ion Ratio Lower Upper
101 100
85 44.4 33.8 50.6
151 76.7 59.8 89.6



#10
Methyl Iodide
Concen: 48.188 ug/l
RT: 4.152 min Scan# 436
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion:142 Resp: 122183
Ion Ratio Lower Upper
142 100
127 42.5 29.4 44.0
141 14.3 11.1 16.7

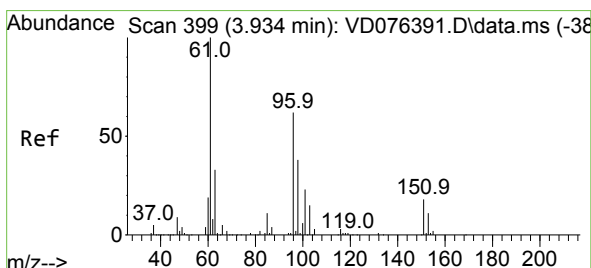
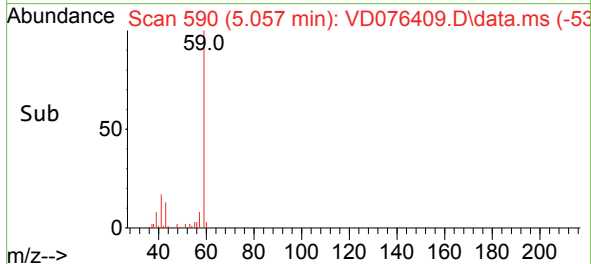
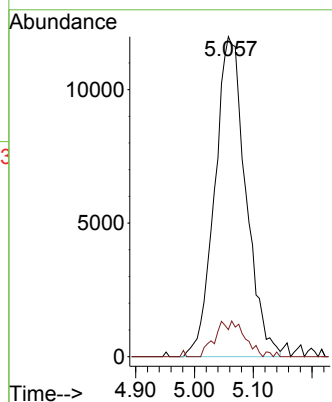
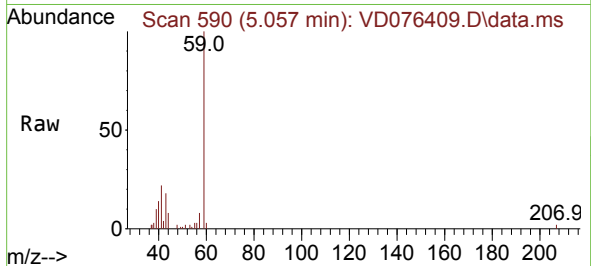




#11
Tert butyl alcohol
Concen: 225.481 ug/l
RT: 5.057 min Scan# 590
Delta R.T. 0.006 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

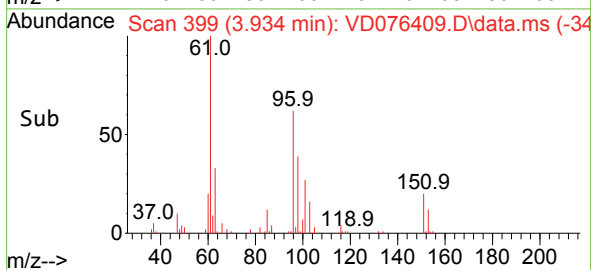
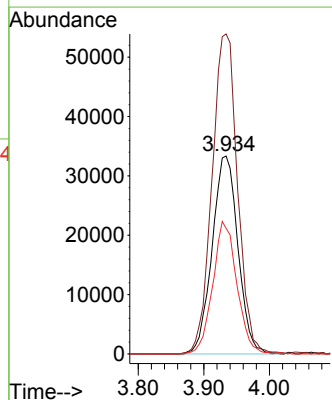
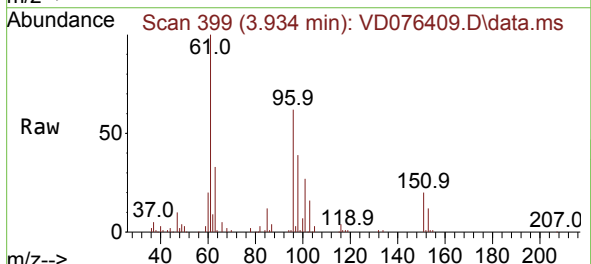
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

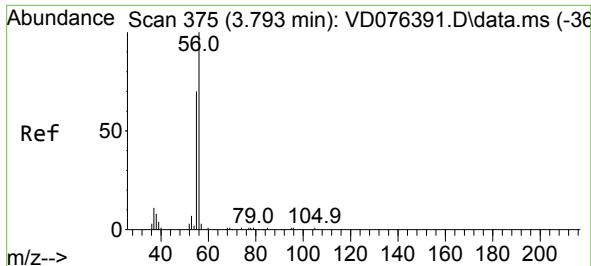
Tgt Ion: 59 Resp: 43844
Ion Ratio Lower Upper
59 100
57 5.1 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 45.339 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion: 96 Resp: 91172
Ion Ratio Lower Upper
96 100
61 161.6 100.6 150.8#
98 63.5 50.2 75.2

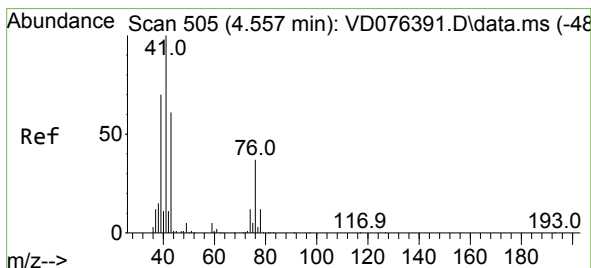
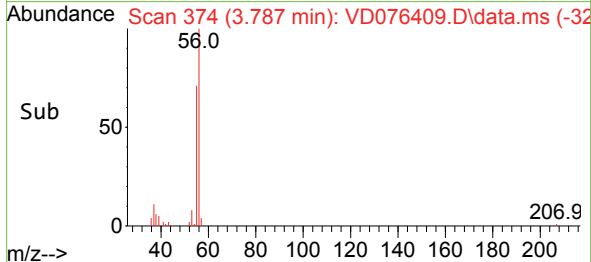
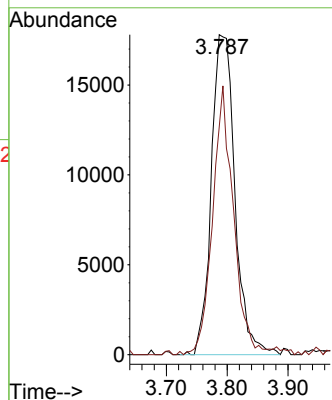
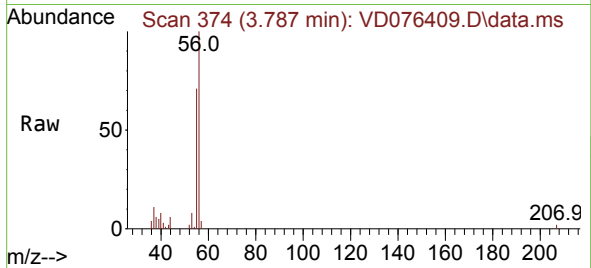




#13
Acrolein
Concen: 214.786 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

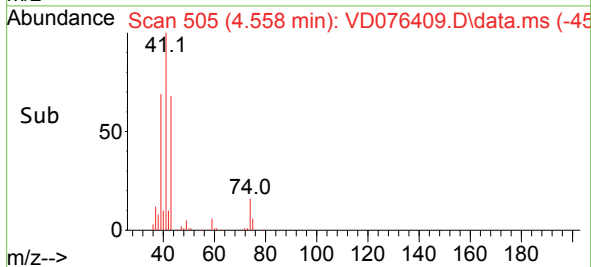
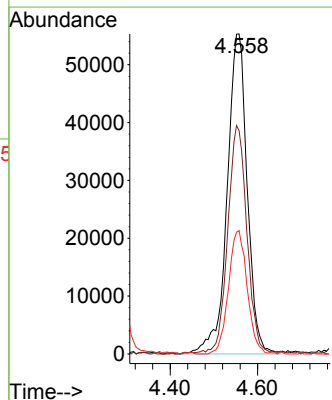
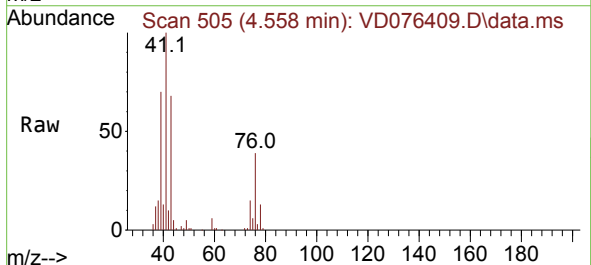
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

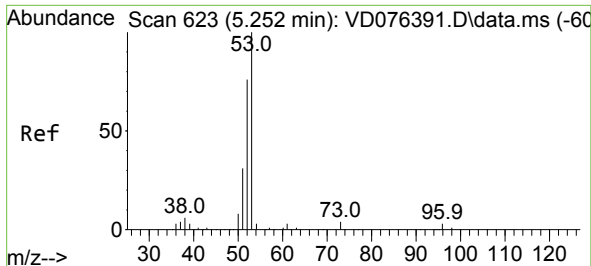
Tgt Ion: 56 Resp: 47906
Ion Ratio Lower Upper
56 100
55 74.0 55.1 82.7



#14
Allyl chloride
Concen: 44.858 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion: 41 Resp: 176413
Ion Ratio Lower Upper
41 100
39 68.6 53.8 80.6
76 35.9 45.8 68.8#

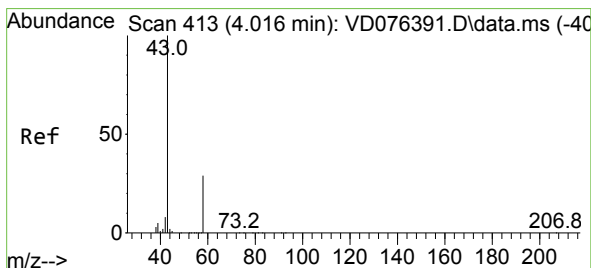
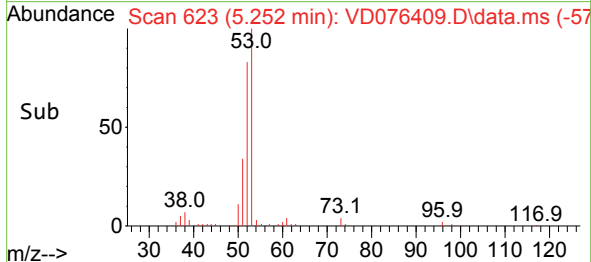
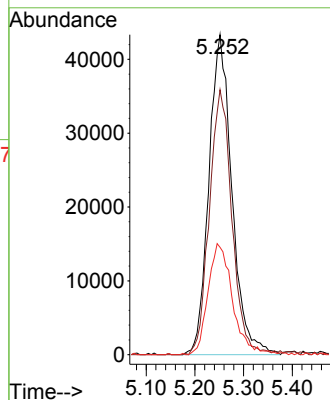
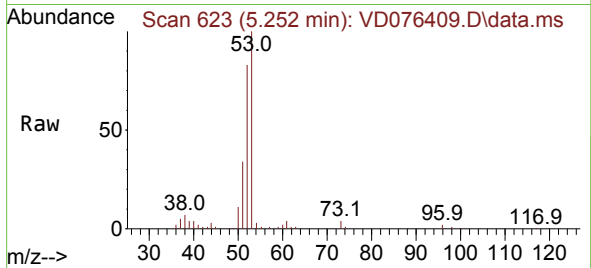




#15
Acrylonitrile
Concen: 237.250 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

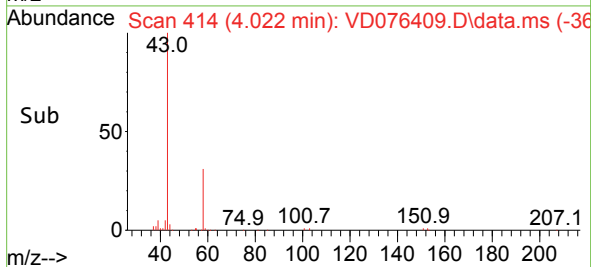
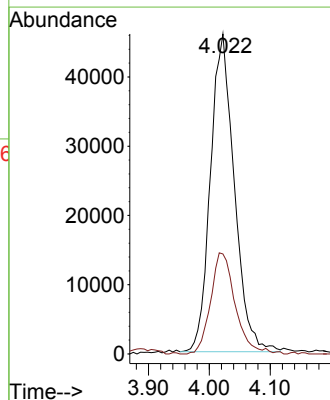
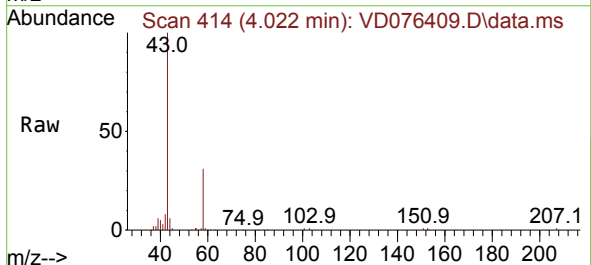
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

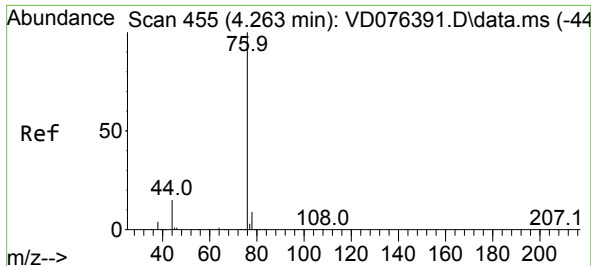
Tgt Ion: 53 Resp: 142220
Ion Ratio Lower Upper
53 100
52 80.8 65.0 97.4
51 36.9 28.3 42.5



#16
Acetone
Concen: 244.225 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion: 43 Resp: 124881
Ion Ratio Lower Upper
43 100
58 31.5 34.7 52.1#

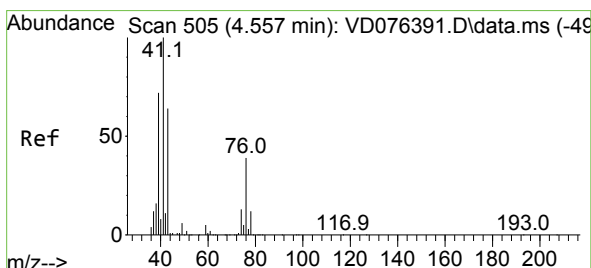
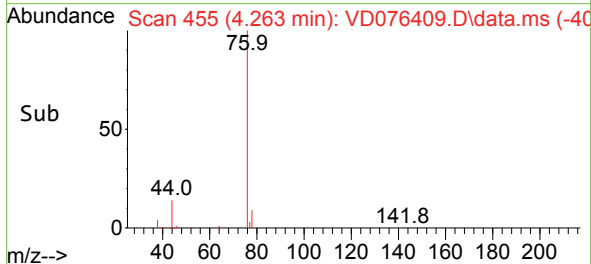
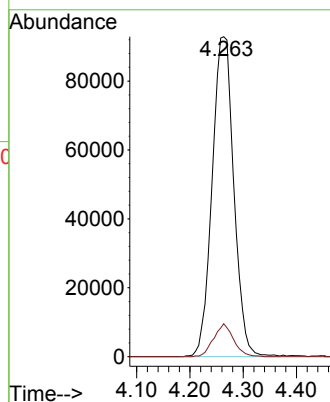
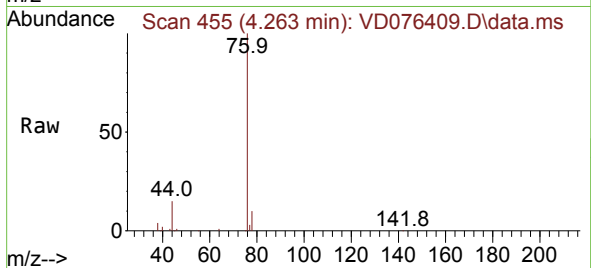




#17
Carbon Disulfide
Concen: 45.450 ug/l
RT: 4.263 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

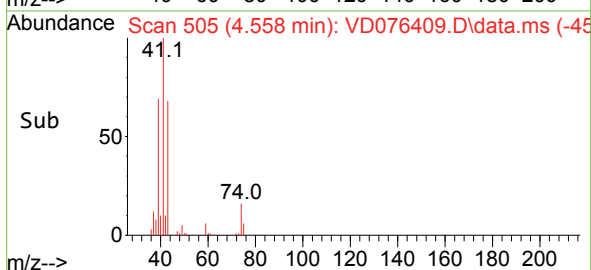
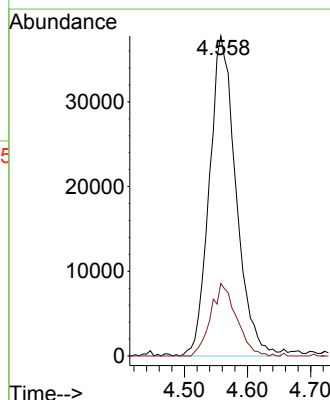
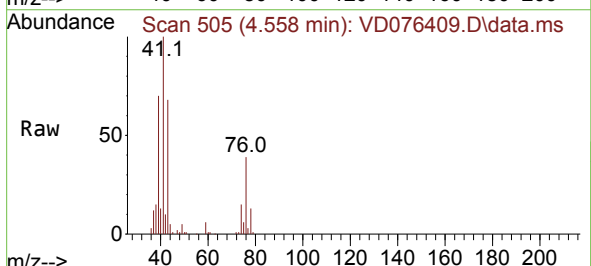
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

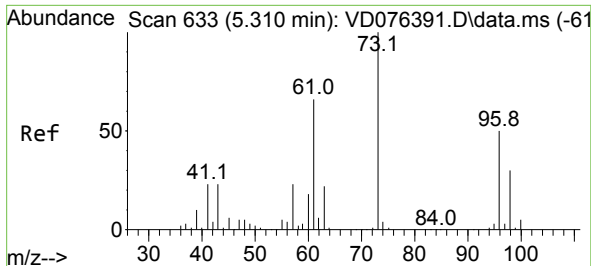
Tgt Ion: 76 Resp: 262596
Ion Ratio Lower Upper
76 100
78 10.3 6.8 10.2#



#18
Methyl Acetate
Concen: 47.546 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.001 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion: 43 Resp: 110843
Ion Ratio Lower Upper
43 100
74 21.9 26.4 39.6#

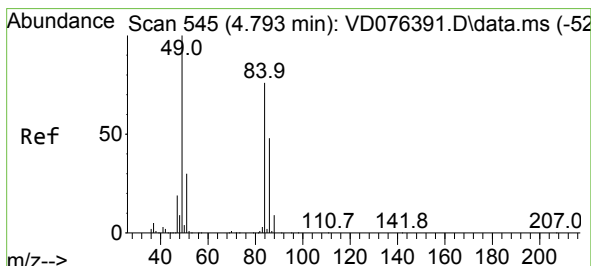
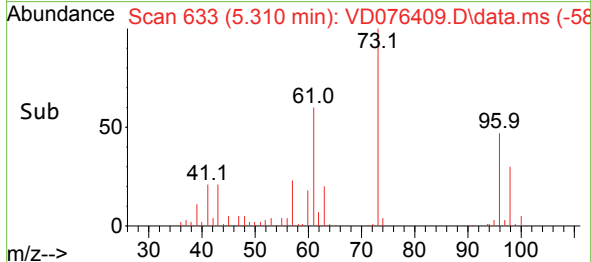
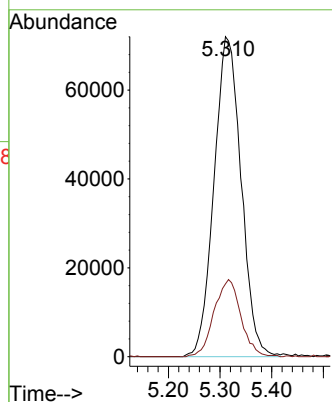
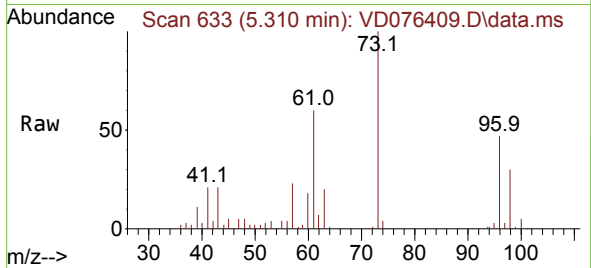




#19
Methyl tert-butyl Ether
Concen: 46.981 ug/l
RT: 5.310 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

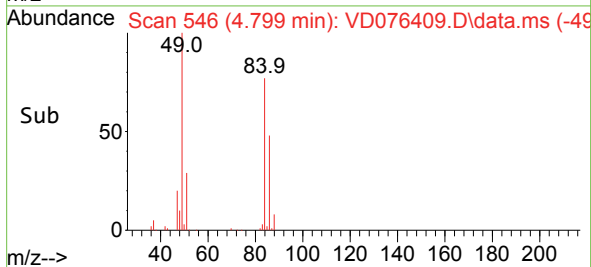
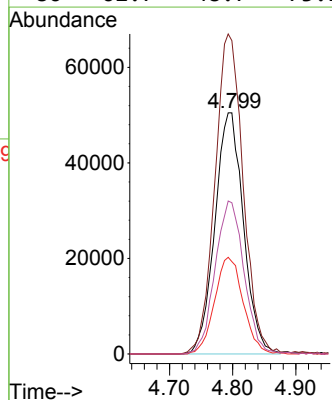
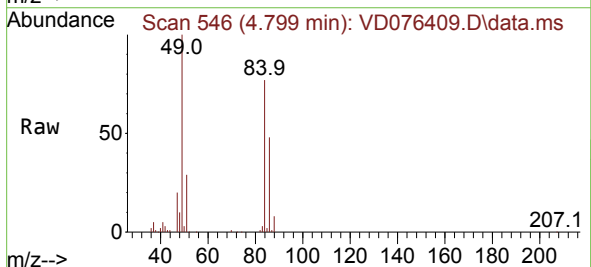
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

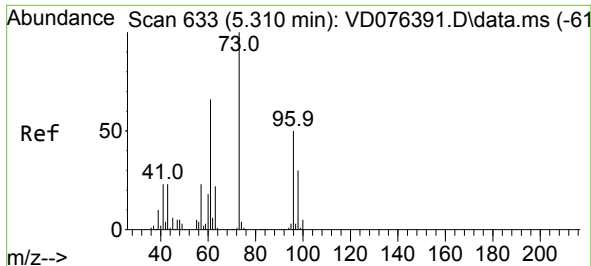
Tgt Ion: 73 Resp: 262140
Ion Ratio Lower Upper
73 100
57 22.8 16.6 25.0



#20
Methylene Chloride
Concen: 61.162 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion: 84 Resp: 158509
Ion Ratio Lower Upper
84 100
49 129.9 71.4 107.2#
51 38.3 24.5 36.7#
86 62.7 48.7 73.1

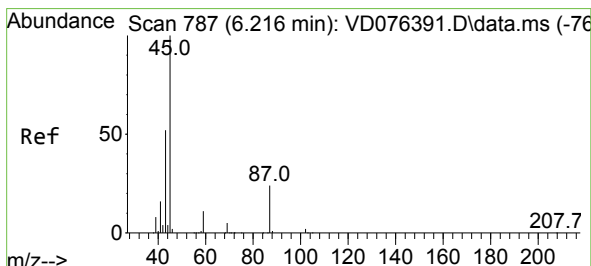
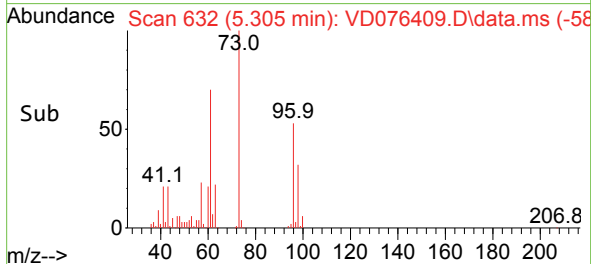
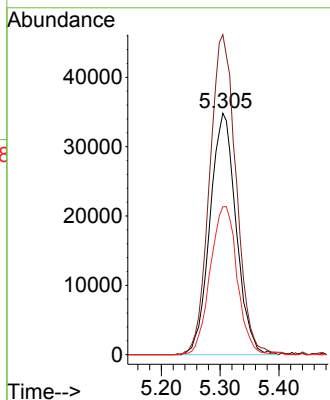
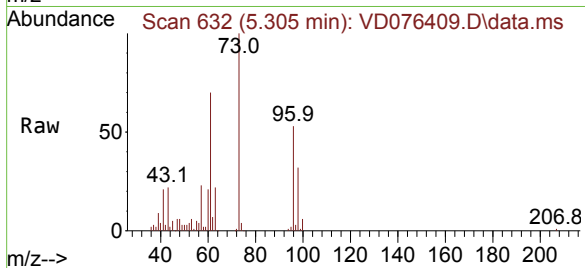




#21
trans-1,2-Dichloroethene
Concen: 46.056 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

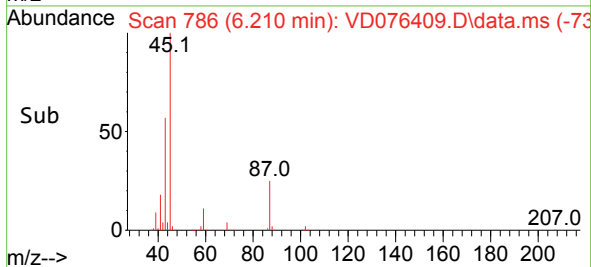
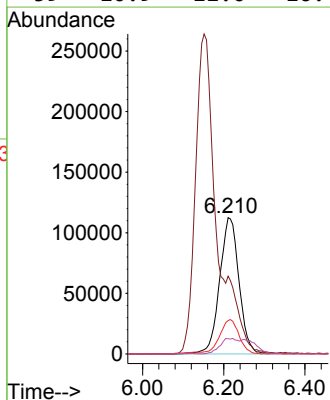
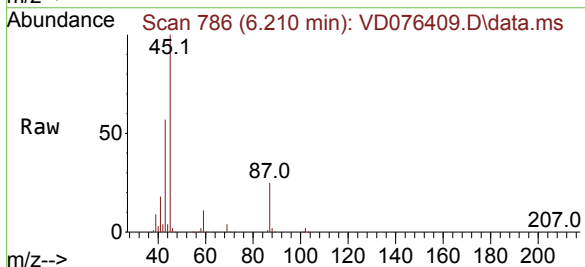
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

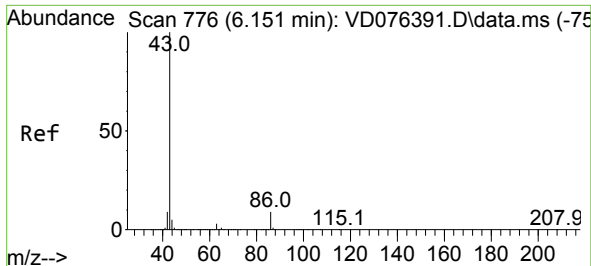
Tgt Ion: 96 Resp: 107626
Ion Ratio Lower Upper
96 100
61 132.1 89.3 133.9
98 61.3 48.6 73.0



#22
Diisopropyl ether
Concen: 46.617 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion: 45 Resp: 373212
Ion Ratio Lower Upper
45 100
43 56.6 40.0 60.0
87 24.4 28.2 42.4#
59 10.9 11.0 16.4#

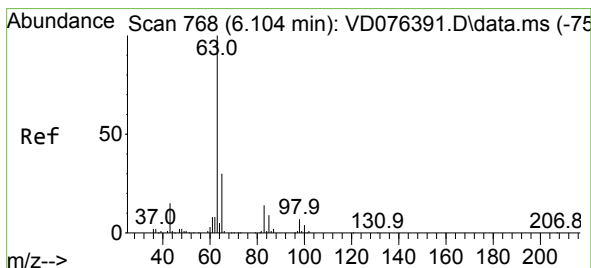
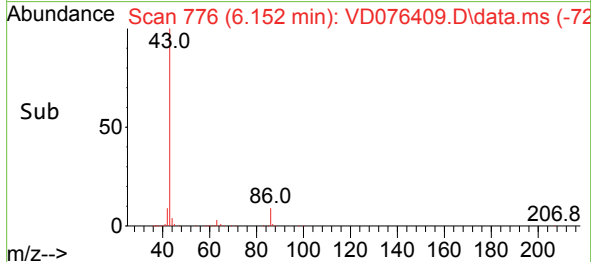
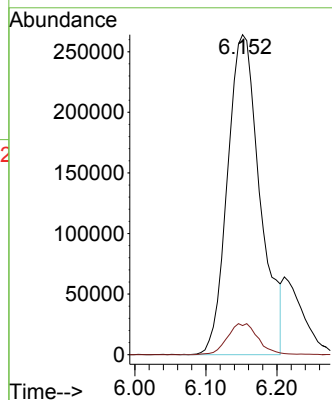
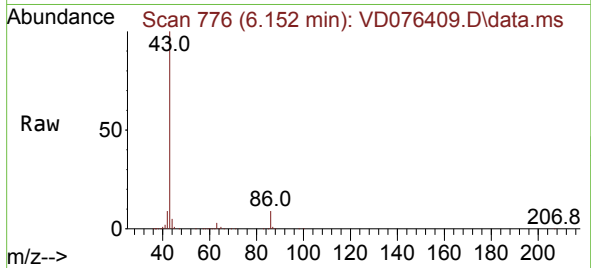




#23
 Vinyl Acetate
 Concen: 244.332 ug/l
 RT: 6.152 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD076409.D
 Acq: 13 Jun 2023 17:18

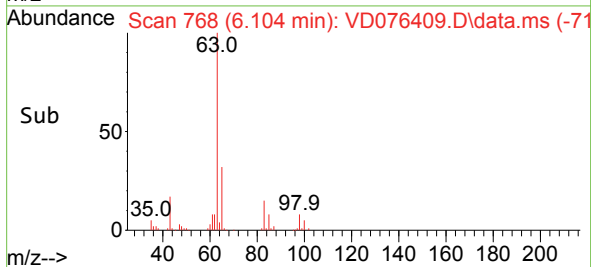
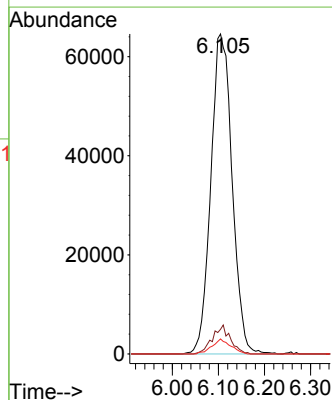
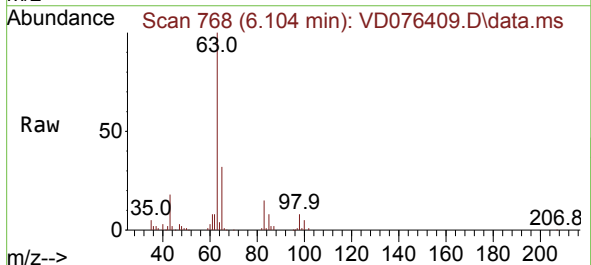
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

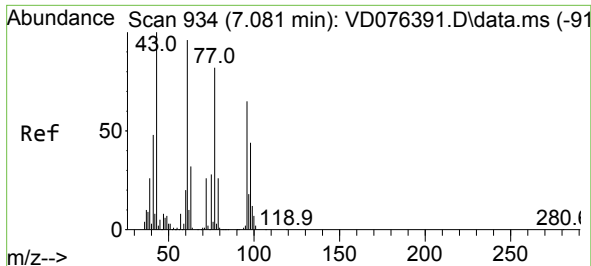
Tgt Ion: 43 Resp: 840115
 Ion Ratio Lower Upper
 43 100
 86 9.1 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 46.632 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD076409.D
 Acq: 13 Jun 2023 17:18

Tgt Ion: 63 Resp: 207512
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.5 13.7
 100 4.7 2.5 7.5





#25

2-Butanone

Concen: 239.998 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

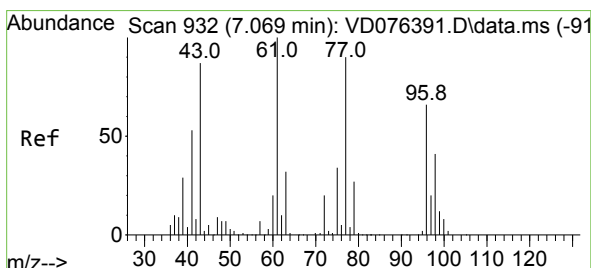
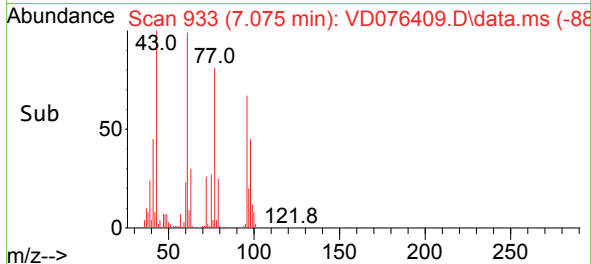
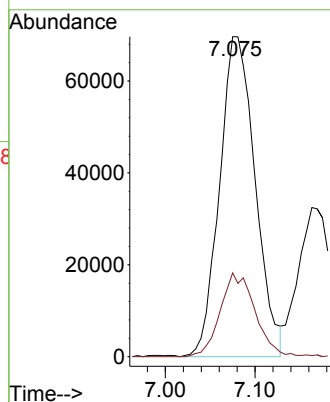
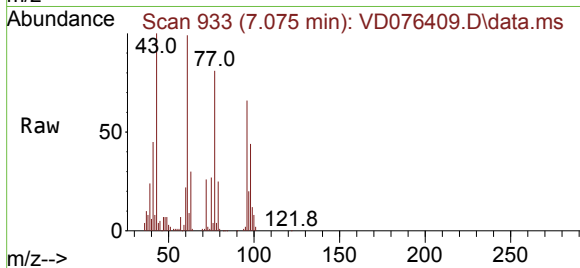
VSTDCCC050EC

Tgt Ion: 43 Resp: 191937

Ion Ratio Lower Upper

43 100

72 26.2 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 43.714 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.006 min

Lab File: VD076409.D

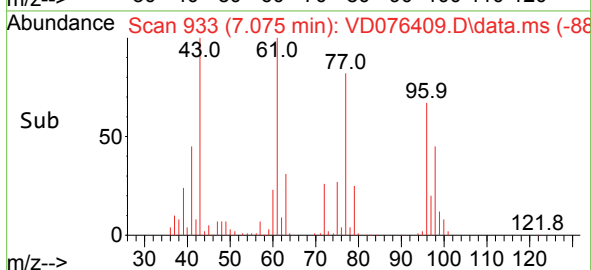
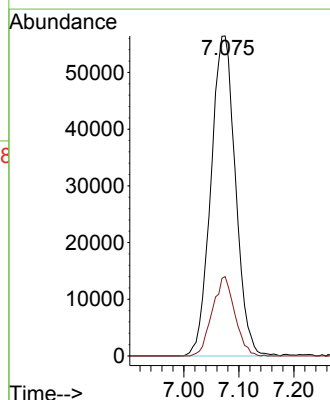
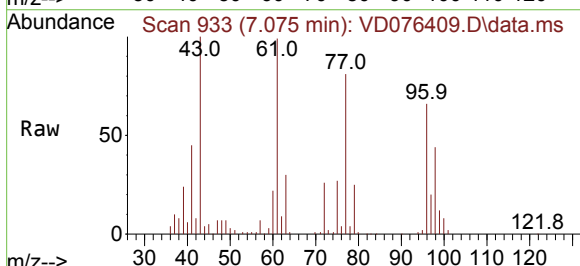
Acq: 13 Jun 2023 17:18

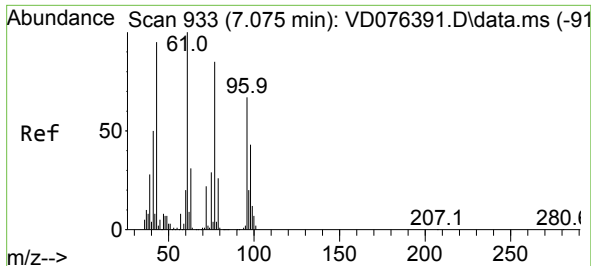
Tgt Ion: 77 Resp: 175148

Ion Ratio Lower Upper

77 100

97 22.7 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 45.944 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

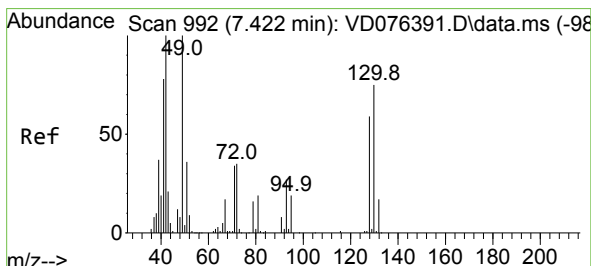
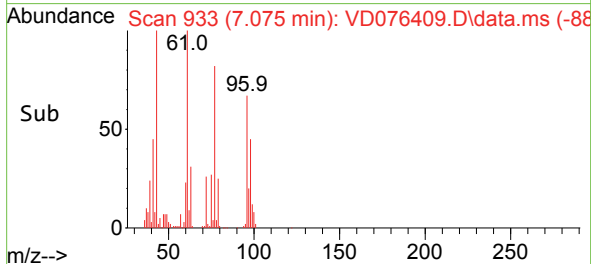
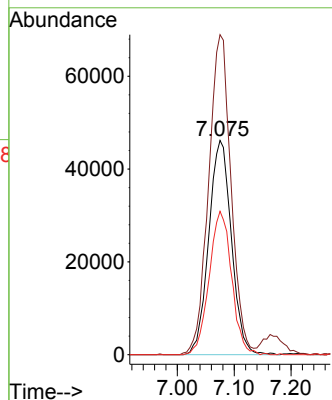
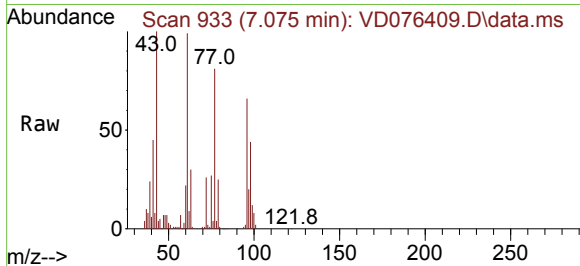
Tgt Ion: 96 Resp: 127811

Ion Ratio Lower Upper

96 100

61 147.6 0.0 239.2

98 66.3 0.0 128.6



#28

Bromochloromethane

Concen: 50.883 ug/l

RT: 7.416 min Scan# 991

Delta R.T. -0.006 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

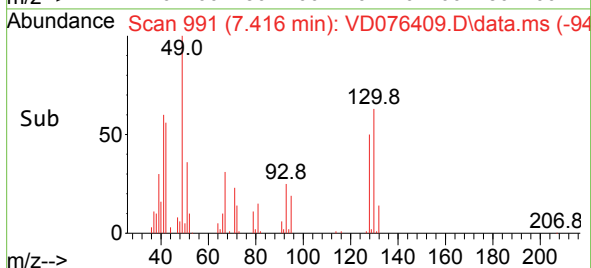
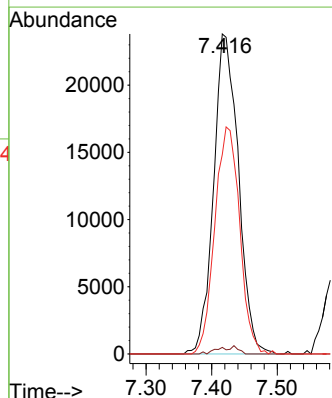
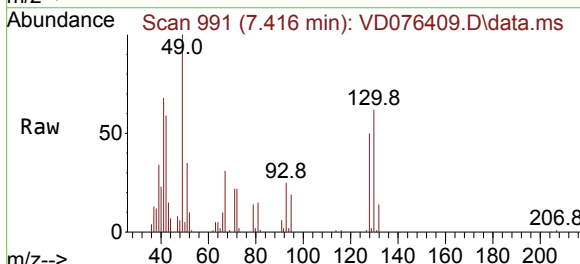
Tgt Ion: 49 Resp: 62517

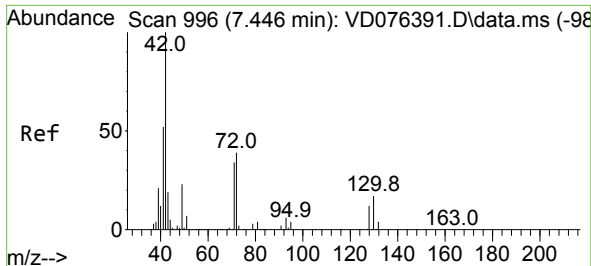
Ion Ratio Lower Upper

49 100

129 1.0 0.0 6.0

130 71.2 83.2 124.8#





#29

Tetrahydrofuran

Concen: 242.754 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

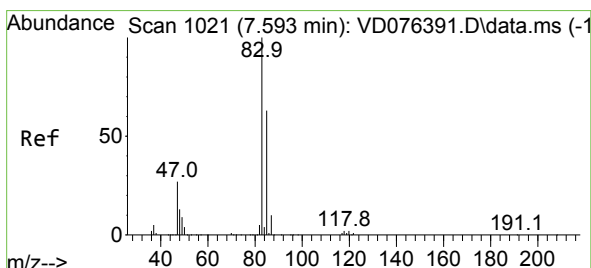
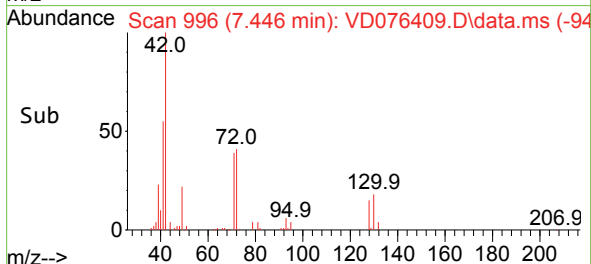
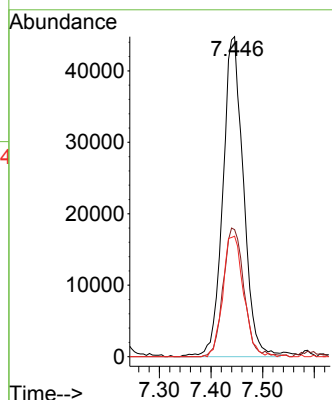
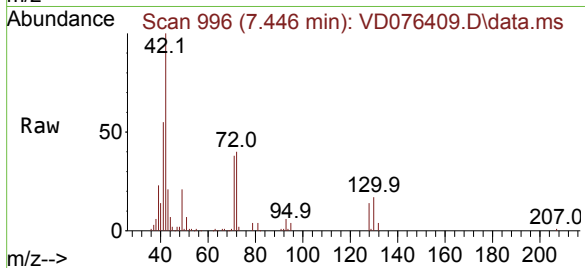
Tgt Ion: 42 Resp: 123860

Ion Ratio Lower Upper

42 100

72 40.7 46.5 69.7#

71 38.0 44.5 66.7#



#30

Chloroform

Concen: 45.748 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076409.D

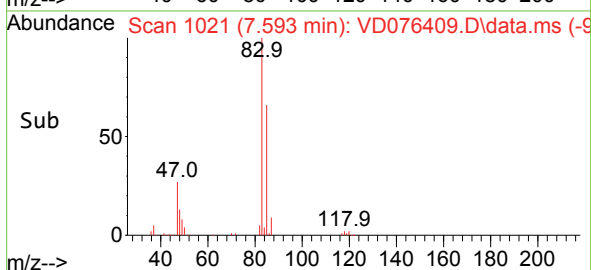
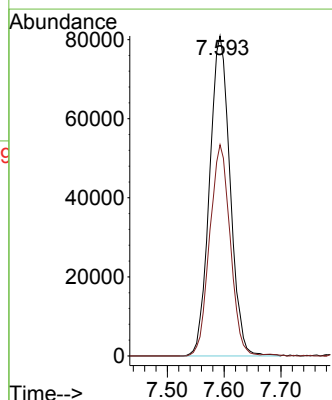
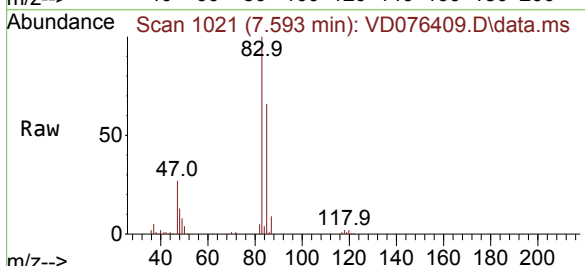
Acq: 13 Jun 2023 17:18

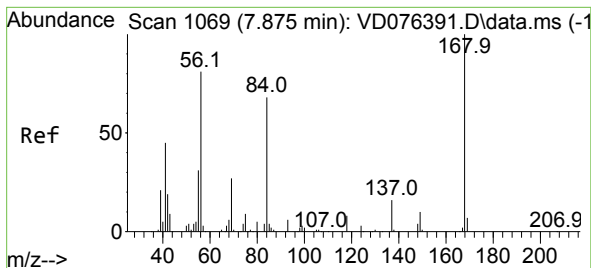
Tgt Ion: 83 Resp: 202900

Ion Ratio Lower Upper

83 100

85 66.0 53.4 80.2





#31

Cyclohexane

Concen: 41.732 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

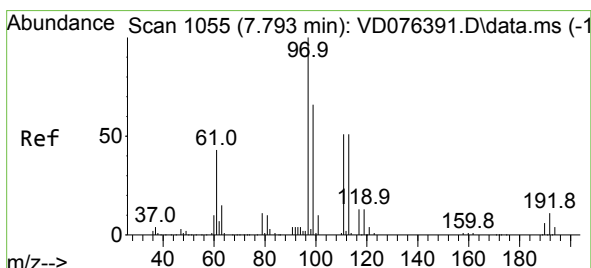
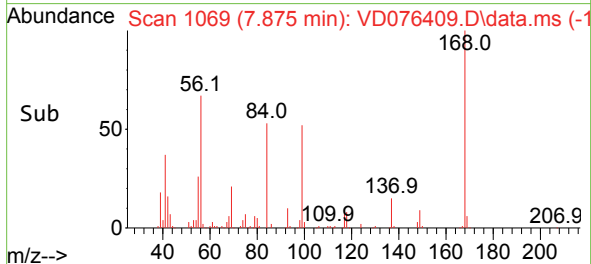
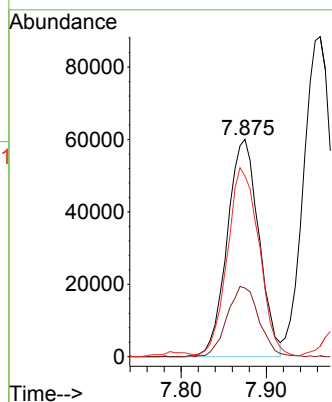
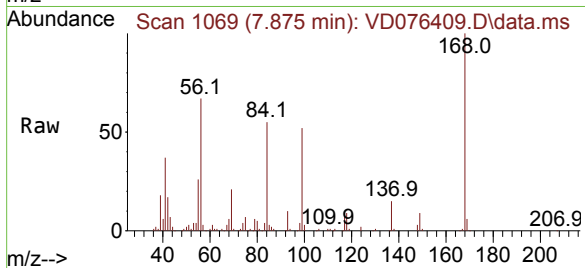
Tgt Ion: 56 Resp: 155313

Ion Ratio Lower Upper

56 100

69 31.6 28.6 43.0

84 81.2 84.8 127.2#



#32

1,1,1-Trichloroethane

Concen: 44.095 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

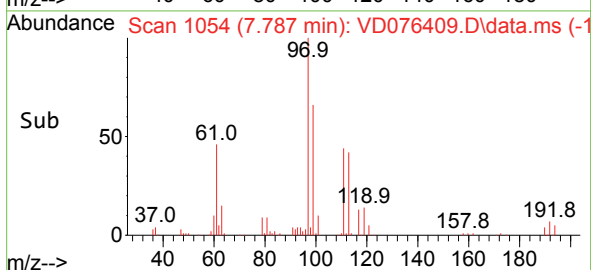
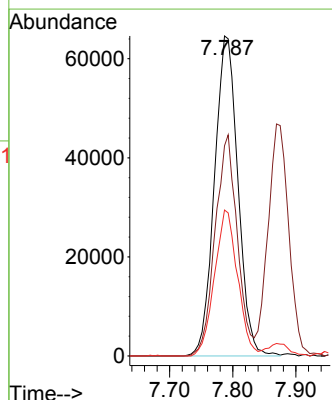
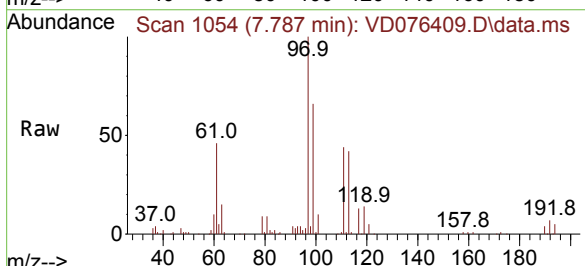
Tgt Ion: 97 Resp: 167023

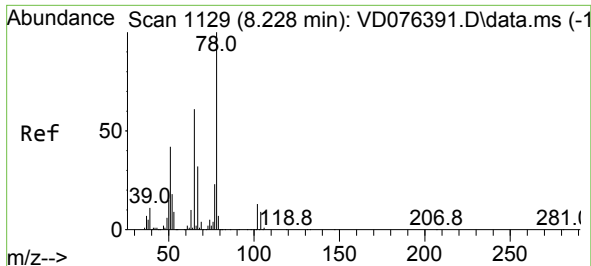
Ion Ratio Lower Upper

97 100

99 65.5 52.0 78.0

61 44.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 46.644 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

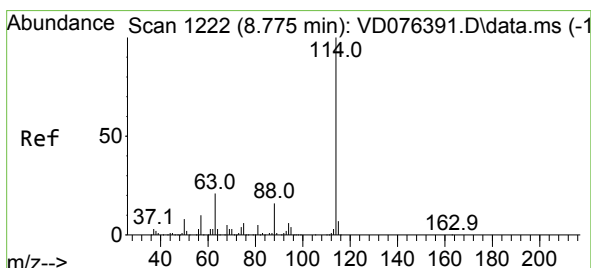
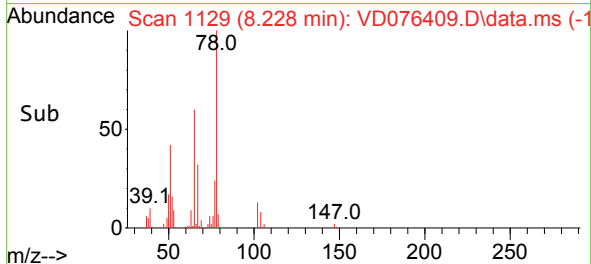
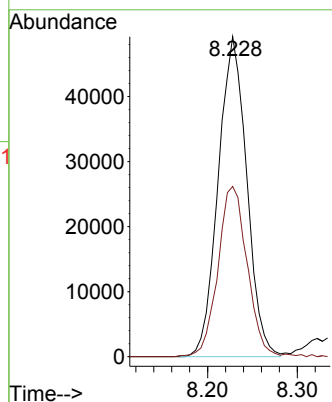
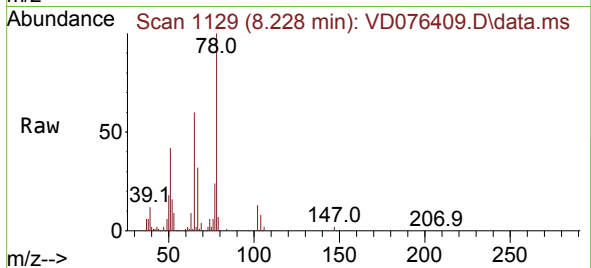
VSTDCCC050EC

Tgt Ion: 65 Resp: 108494

Ion Ratio Lower Upper

65 100

67 54.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

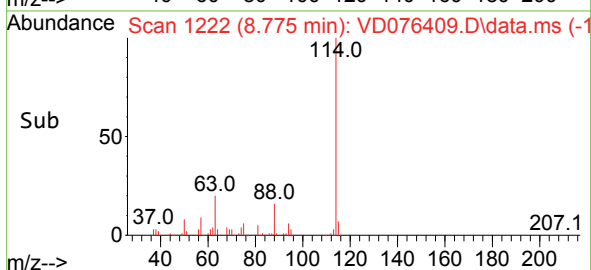
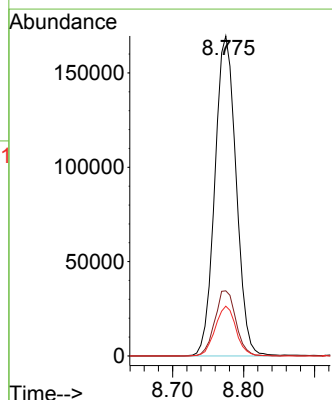
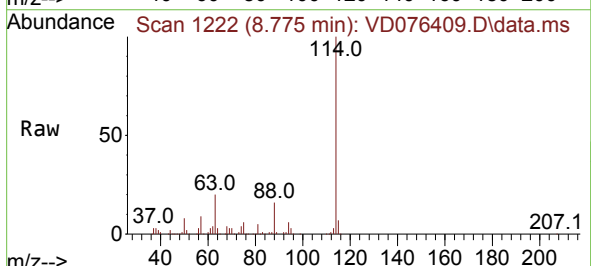
Tgt Ion: 114 Resp: 352417

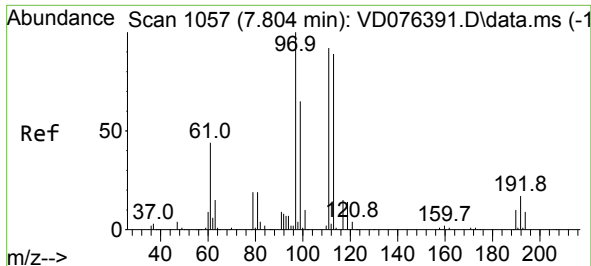
Ion Ratio Lower Upper

114 100

63 20.3 0.0 33.4

88 15.6 0.0 26.2

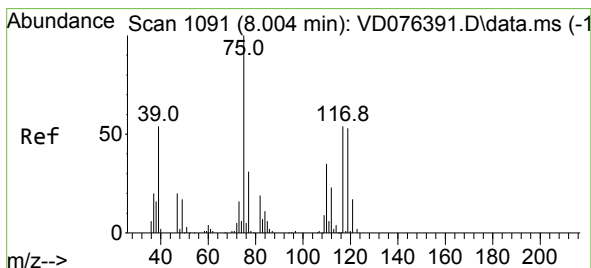
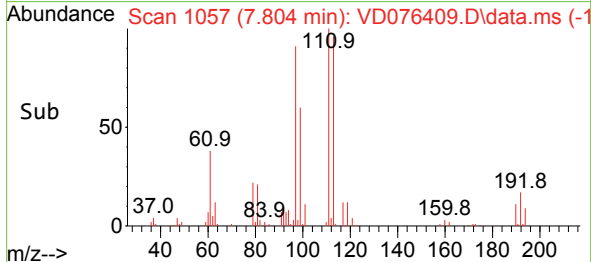
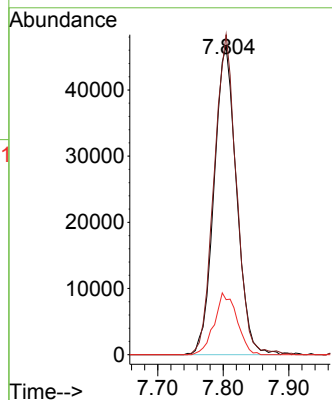
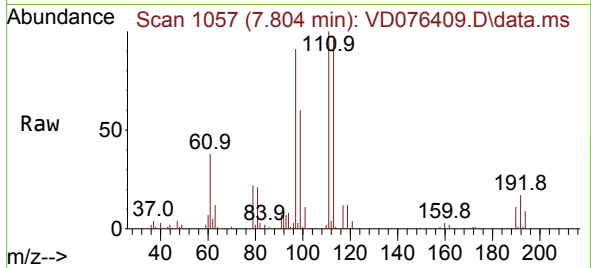




#35
Dibromofluoromethane
Concen: 48.689 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

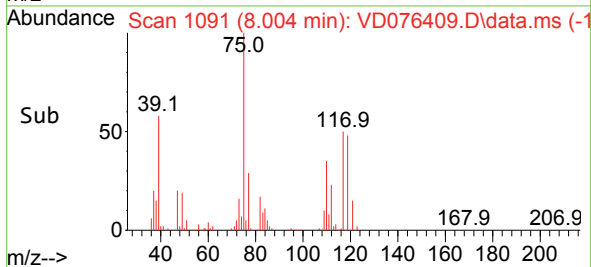
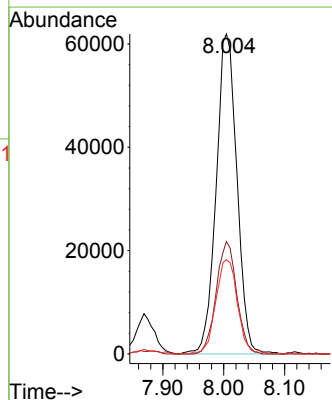
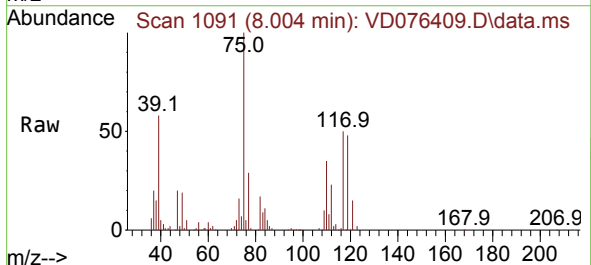
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

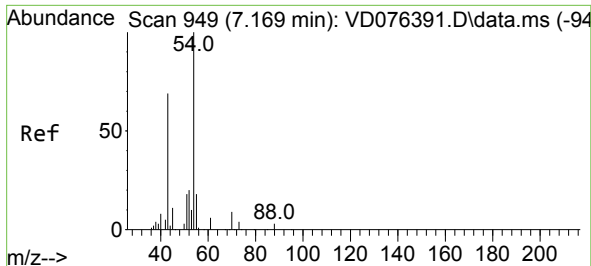
Tgt Ion:113 Resp: 110900
Ion Ratio Lower Upper
113 100
111 103.1 84.7 127.1
192 20.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 44.131 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion: 75 Resp: 146717
Ion Ratio Lower Upper
75 100
110 34.7 19.9 59.6
77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 49.188 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

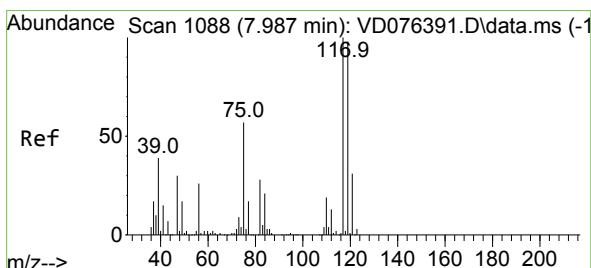
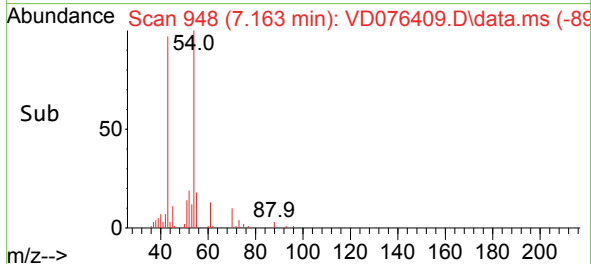
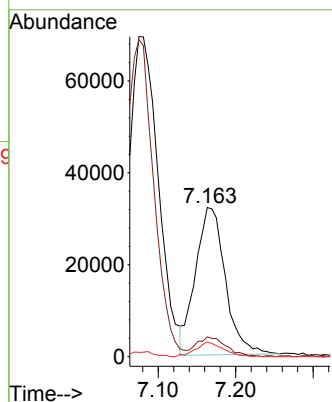
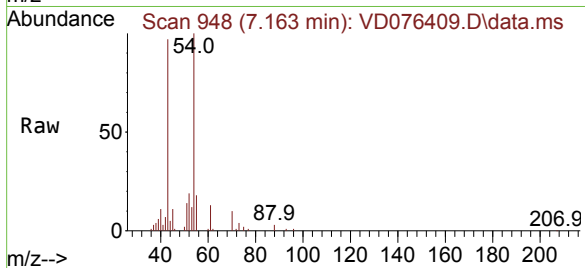
Tgt Ion: 43 Resp: 86013

Ion Ratio Lower Upper

43 100

61 13.6 14.9 22.3#

70 9.0 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 43.298 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

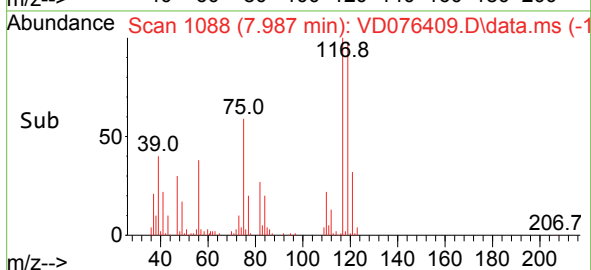
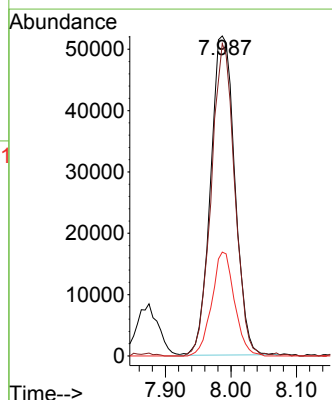
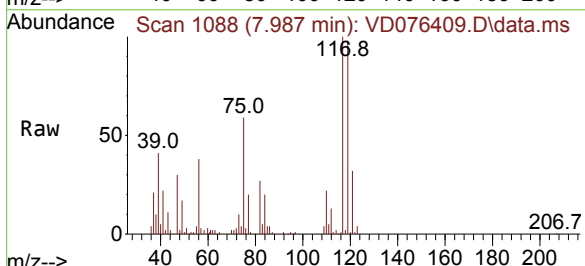
Tgt Ion: 117 Resp: 133647

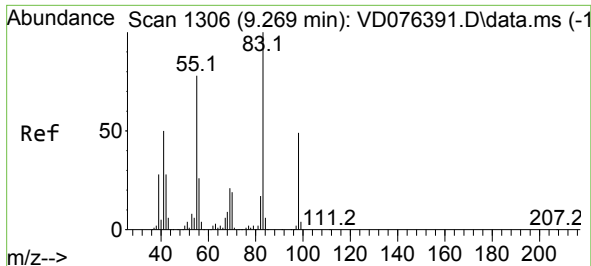
Ion Ratio Lower Upper

117 100

119 98.0 78.0 117.0

121 32.6 24.2 36.2





#39

Methylcyclohexane

Concen: 43.662 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

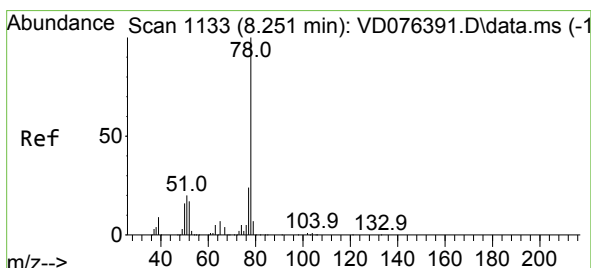
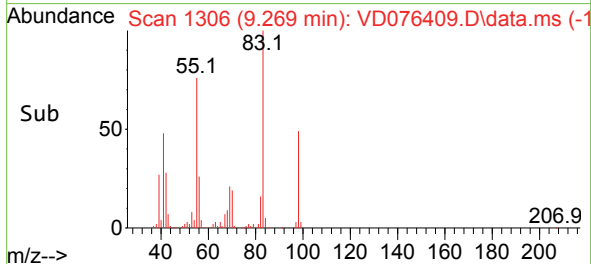
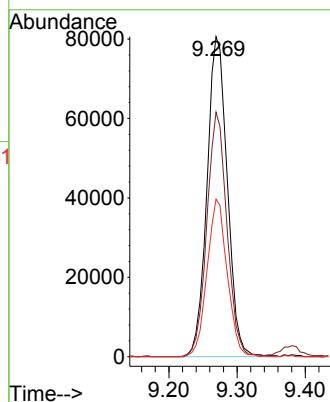
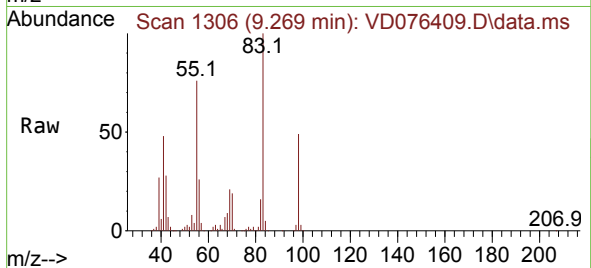
Tgt Ion: 83 Resp: 167137

Ion Ratio Lower Upper

83 100

55 76.4 49.4 74.0#

98 49.2 38.4 57.6



#40

Benzene

Concen: 46.378 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD076409.D

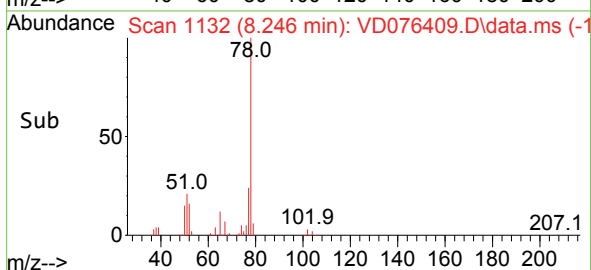
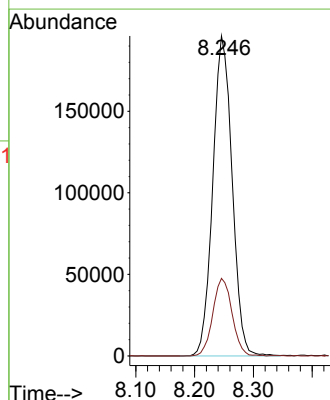
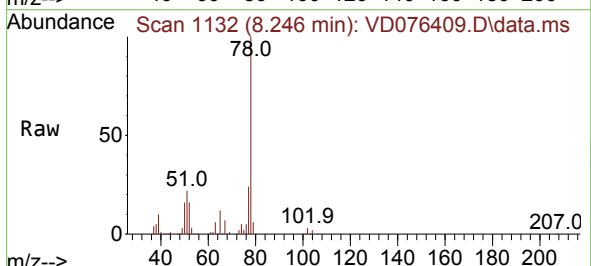
Acq: 13 Jun 2023 17:18

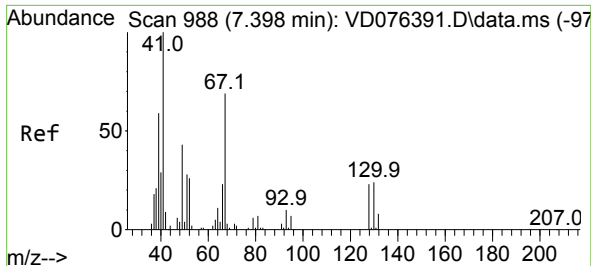
Tgt Ion: 78 Resp: 448247

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0

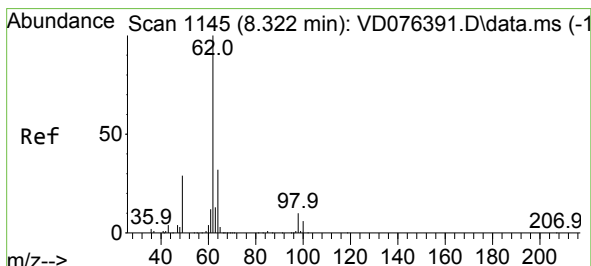
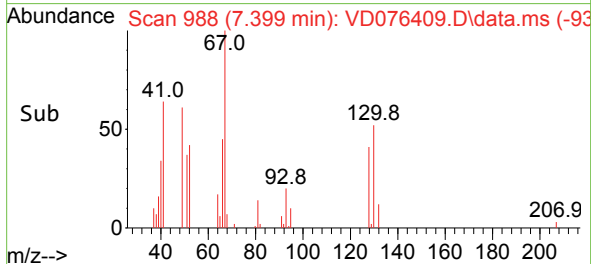
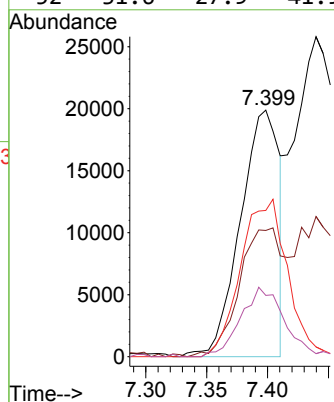
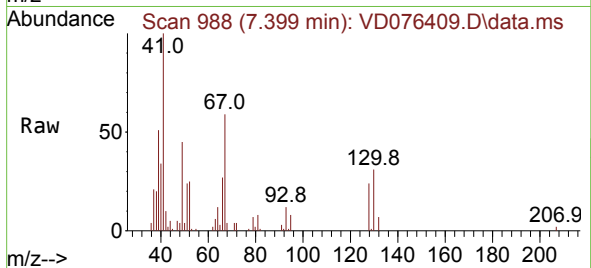




#41
Methacrylonitrile
Concen: 39.524 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

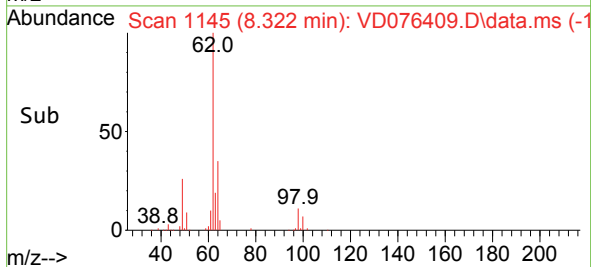
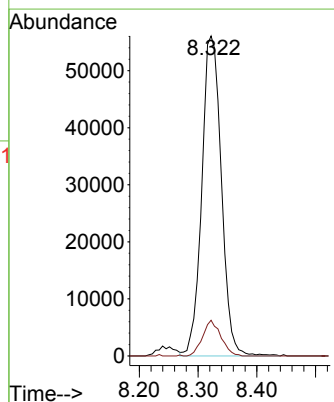
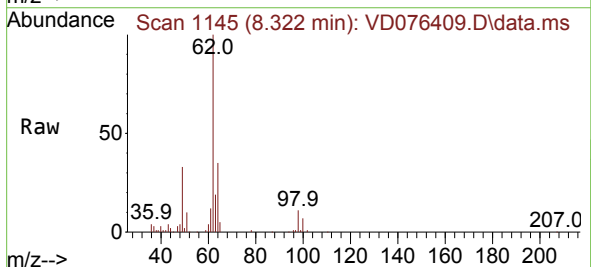
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

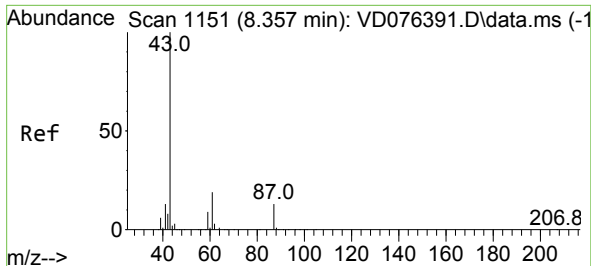
Tgt Ion:	41	Resp:	44214
Ion	Ratio	Lower	Upper
41	100		
39	60.3	34.0	51.0#
67	76.5	77.0	115.4#
52	31.6	27.9	41.9



#42
1,2-Dichloroethane
Concen: 45.157 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion:	62	Resp:	129965
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	25.4

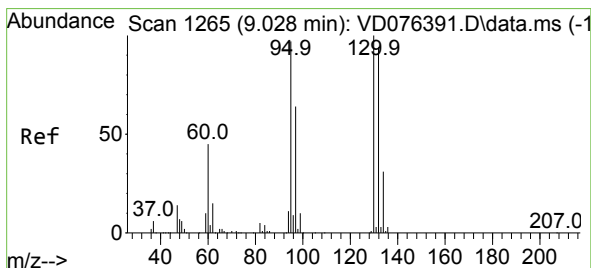
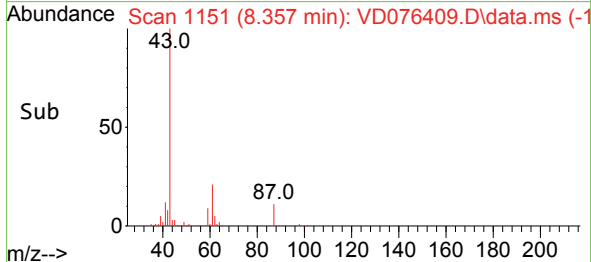
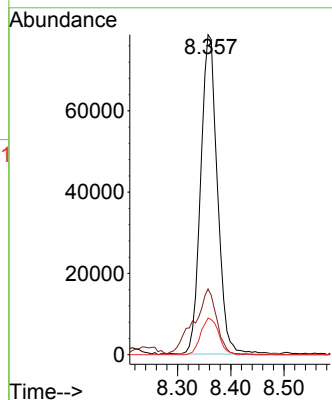
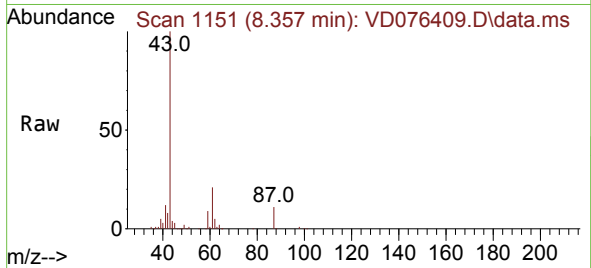




#43
Isopropyl Acetate
Concen: 46.626 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

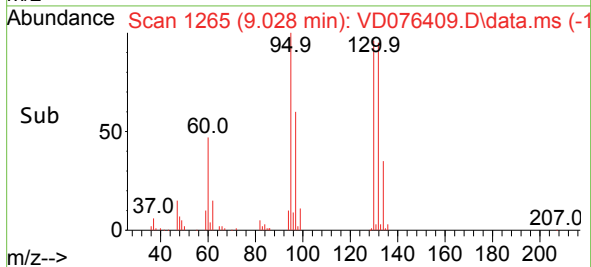
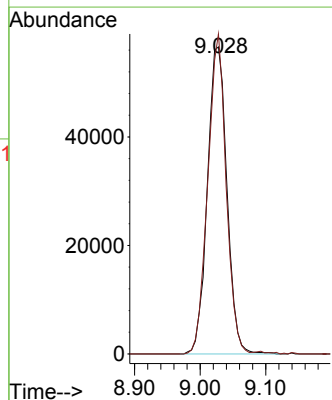
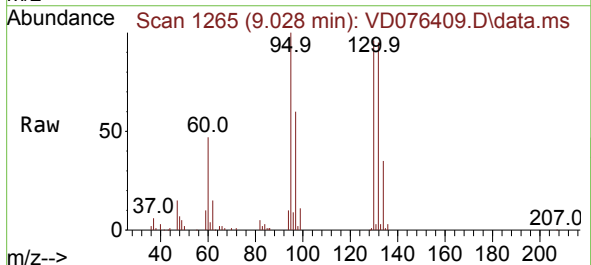
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

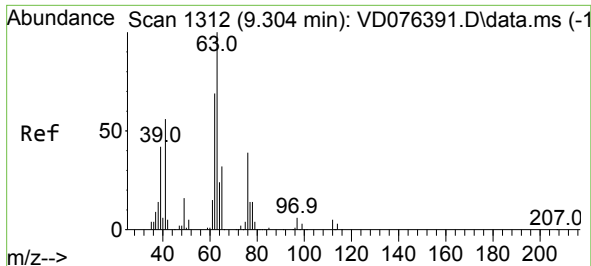
Tgt Ion: 43 Resp: 170943
Ion Ratio Lower Upper
43 100
61 28.1 31.4 47.0#
87 12.3 14.9 22.3#



#44
Trichloroethene
Concen: 44.833 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion:130 Resp: 117465
Ion Ratio Lower Upper
130 100
95 104.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 47.940 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

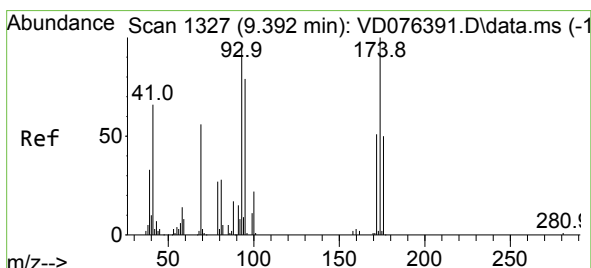
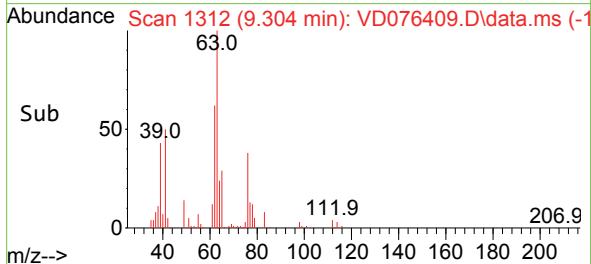
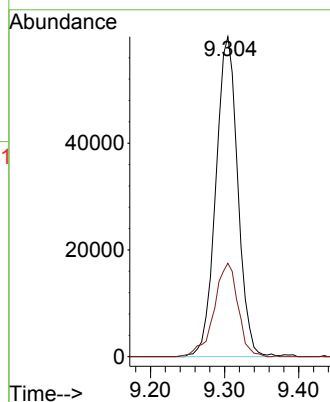
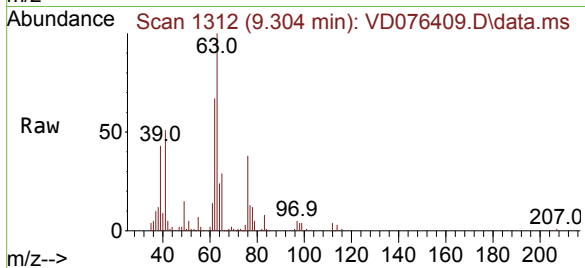
VSTDCCC050EC

Tgt Ion: 63 Resp: 123149

Ion Ratio Lower Upper

63 100

65 29.2 24.5 36.7



#46

Dibromomethane

Concen: 46.306 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

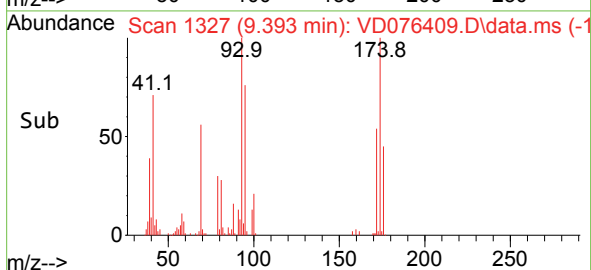
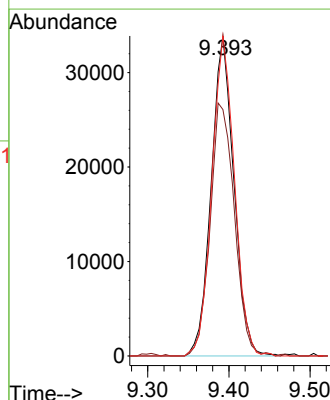
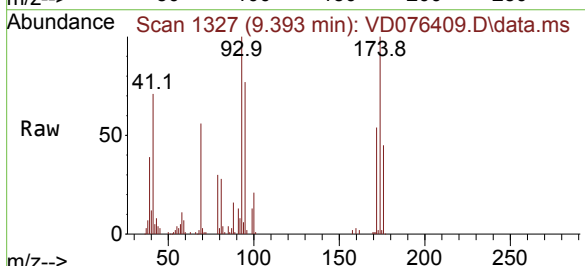
Tgt Ion: 93 Resp: 65646

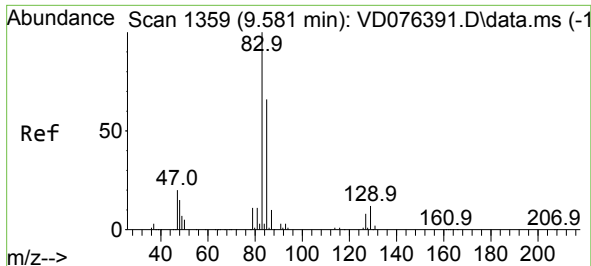
Ion Ratio Lower Upper

93 100

95 84.6 67.7 101.5

174 99.5 85.4 128.2

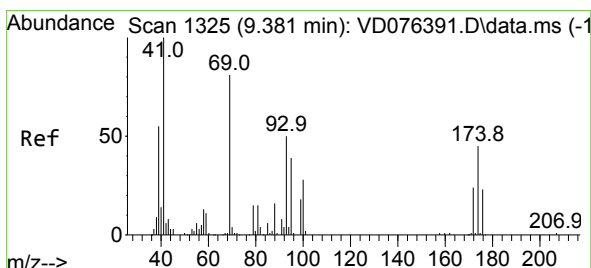
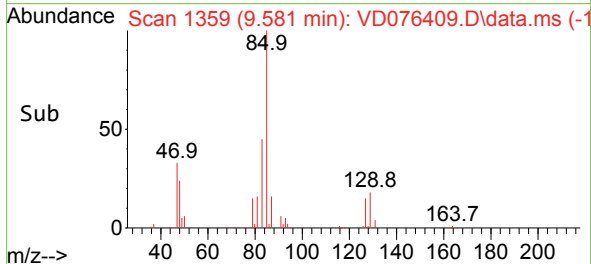
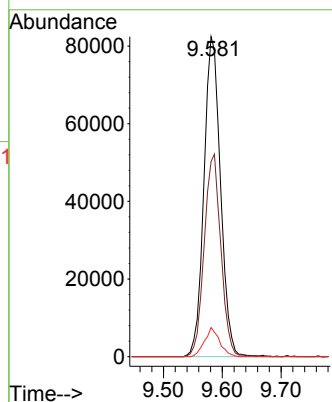
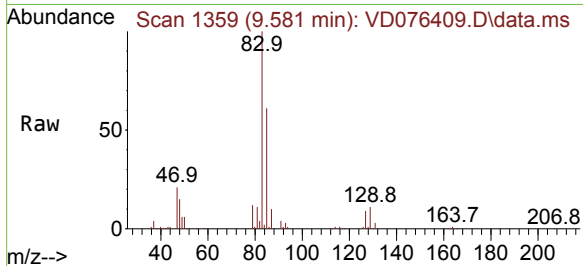




#47
Bromodichloromethane
Concen: 45.926 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

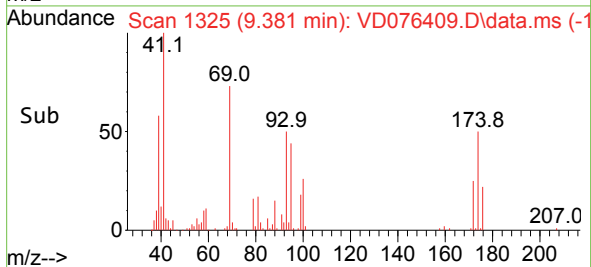
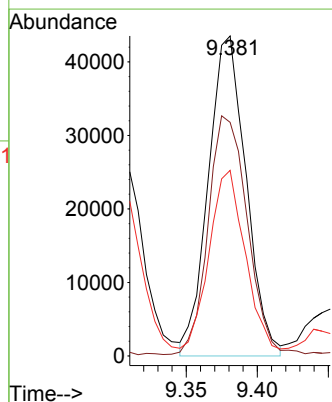
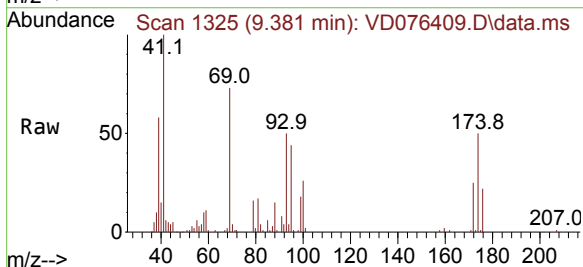
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

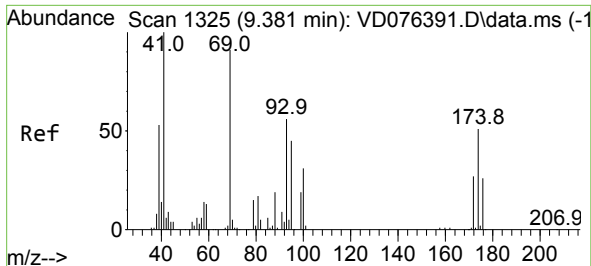
Tgt Ion: 83 Resp: 161281
Ion Ratio Lower Upper
83 100
85 61.0 50.2 75.4
127 9.1 6.3 9.5



#48
Methyl methacrylate
Concen: 45.805 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion: 41 Resp: 80489
Ion Ratio Lower Upper
41 100
69 78.0 102.2 153.2#
39 57.0 41.4 62.2





#49

1,4-Dioxane

Concen: 985.386 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

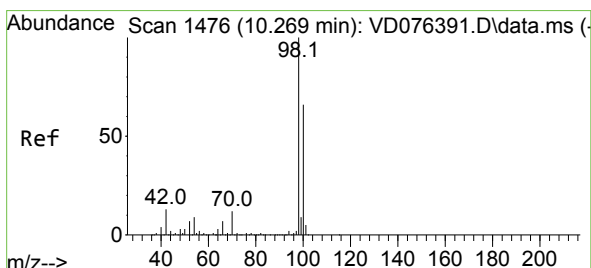
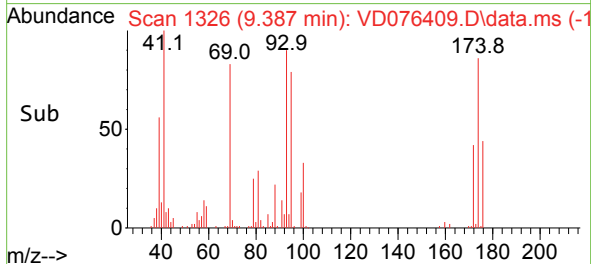
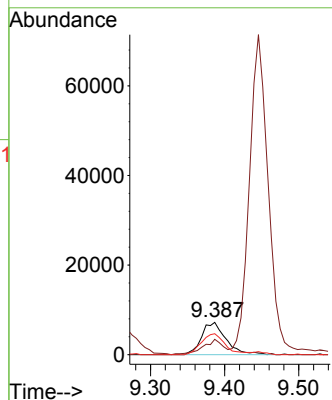
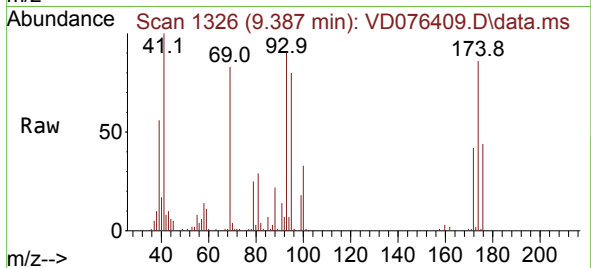
Tgt Ion: 88 Resp: 16574

Ion Ratio Lower Upper

88 100

43 38.5 19.0 28.6#

58 63.1 43.5 65.3



#50

Toluene-d8

Concen: 47.517 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076409.D

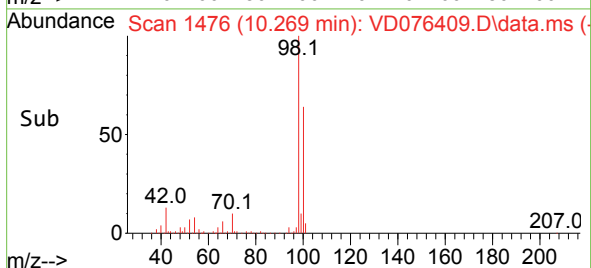
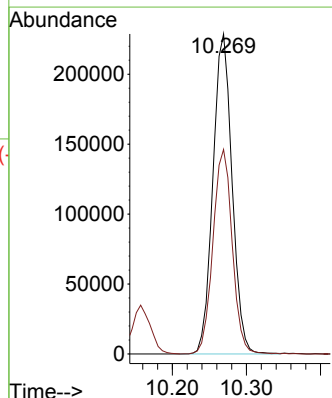
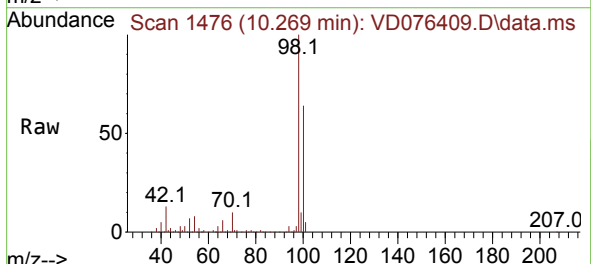
Acq: 13 Jun 2023 17:18

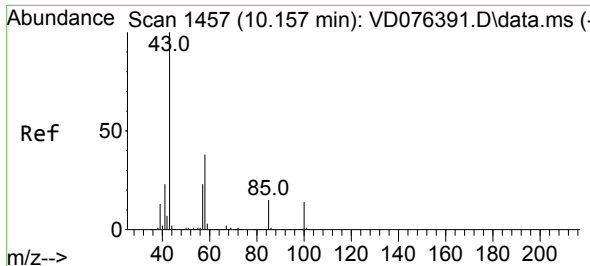
Tgt Ion: 98 Resp: 410145

Ion Ratio Lower Upper

98 100

100 64.4 50.3 75.5

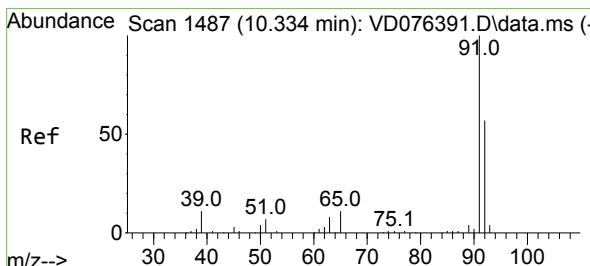
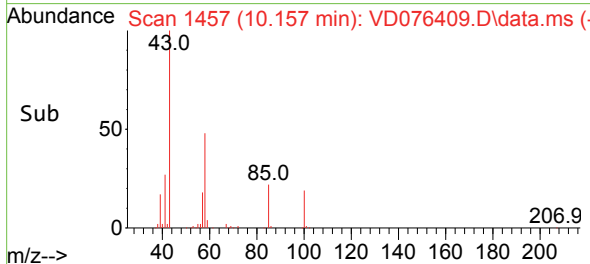
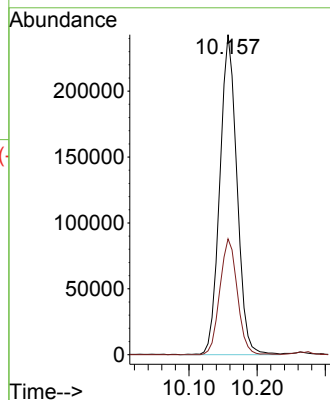
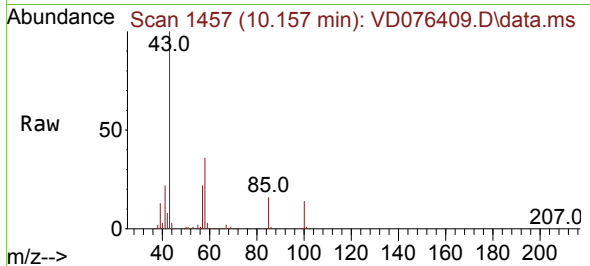




#51
4-Methyl-2-Pentanone
Concen: 233.535 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

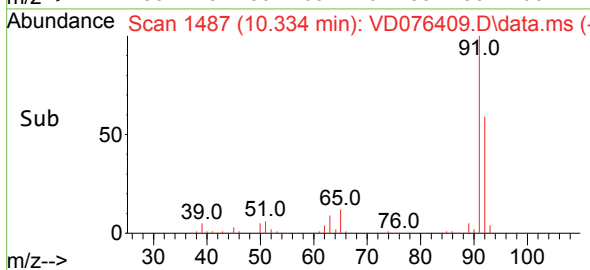
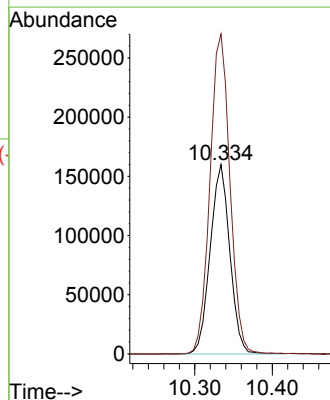
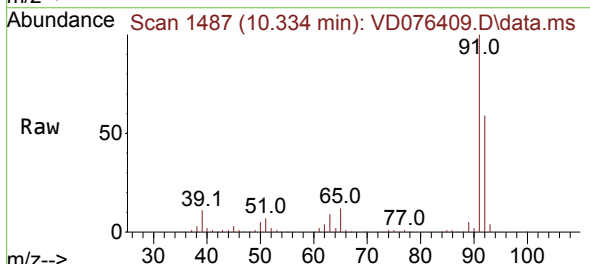
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

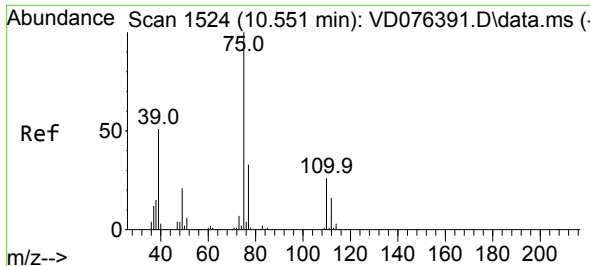
Tgt Ion: 43 Resp: 425256
Ion Ratio Lower Upper
43 100
58 36.8 38.9 58.3#



#52
Toluene
Concen: 46.014 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion: 92 Resp: 281144
Ion Ratio Lower Upper
92 100
91 172.5 143.0 214.4

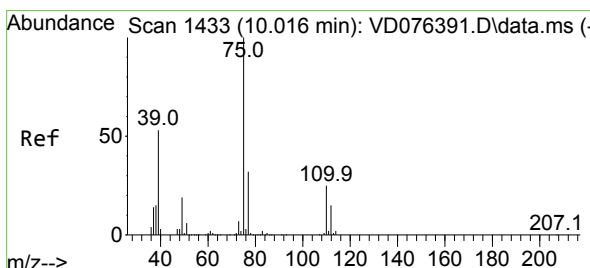
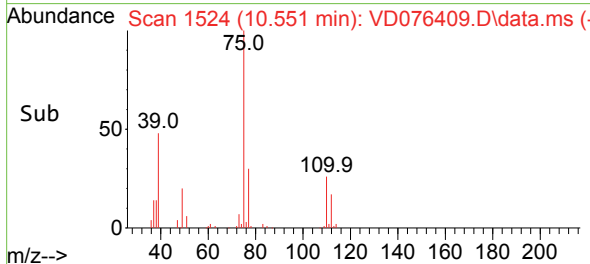
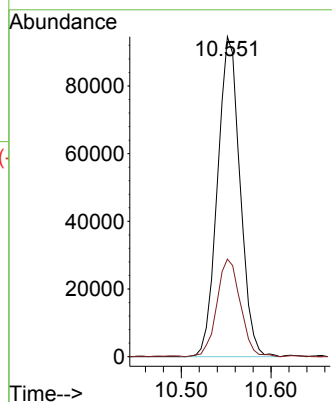
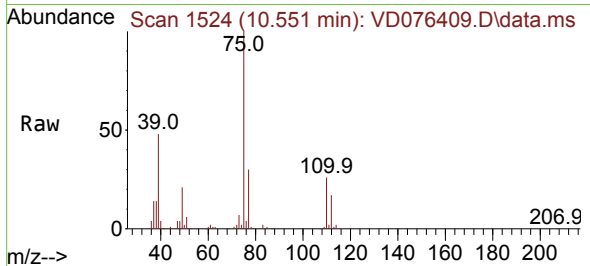




#53
t-1,3-Dichloropropene
Concen: 45.851 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

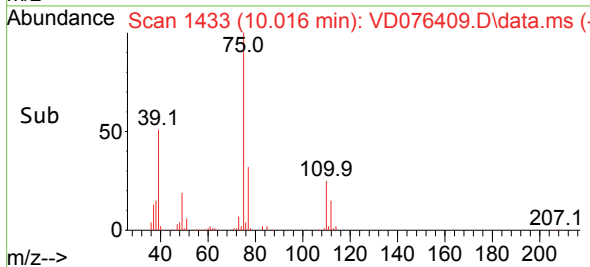
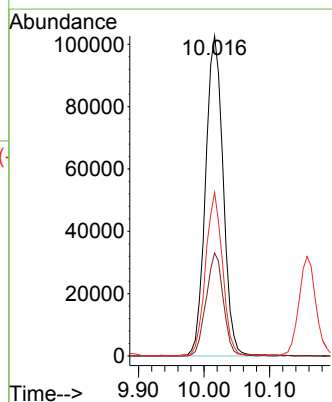
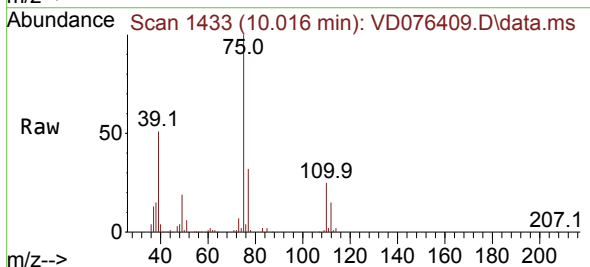
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

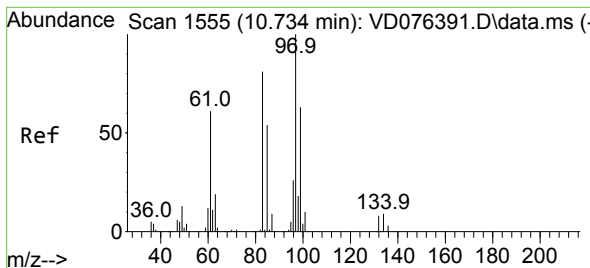
Tgt Ion: 75 Resp: 164688
Ion Ratio Lower Upper
75 100
77 30.5 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 46.478 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion: 75 Resp: 191981
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
39 50.9 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 46.844 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 88701

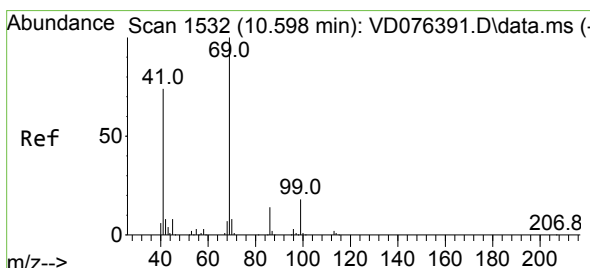
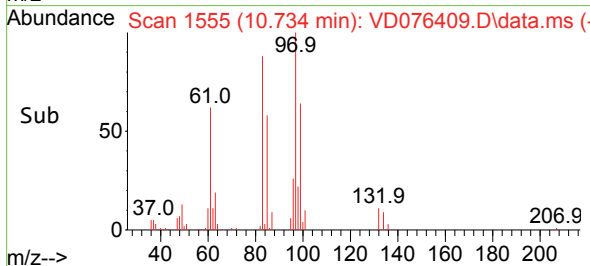
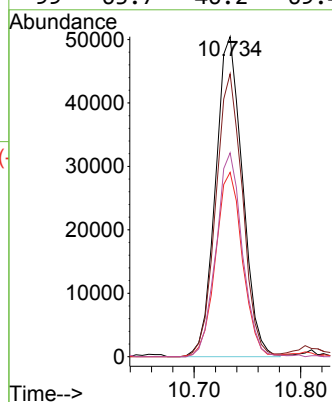
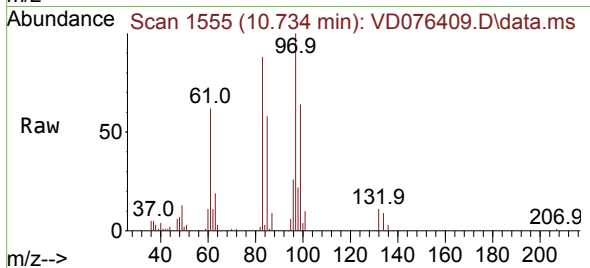
Ion Ratio Lower Upper

97 100

83 88.4 65.8 98.6

85 57.6 45.7 68.5

99 63.7 46.2 69.4



#56

Ethyl methacrylate

Concen: 46.771 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

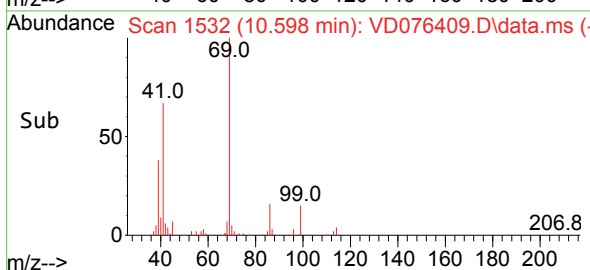
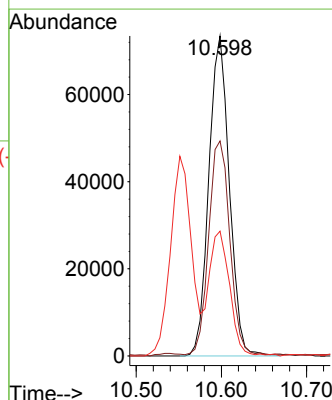
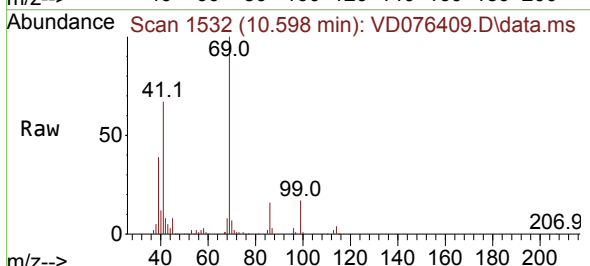
Tgt Ion: 69 Resp: 122990

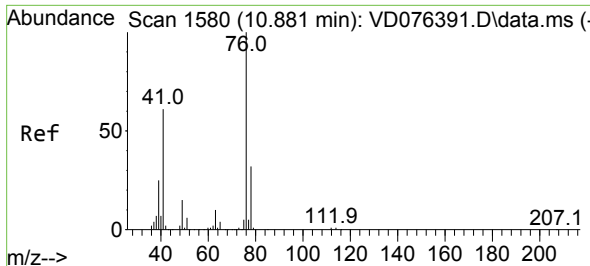
Ion Ratio Lower Upper

69 100

41 68.7 39.1 58.7#

39 39.9 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 46.642 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

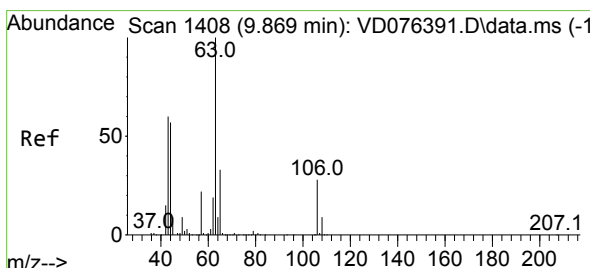
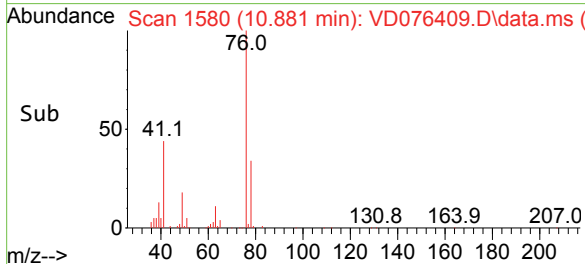
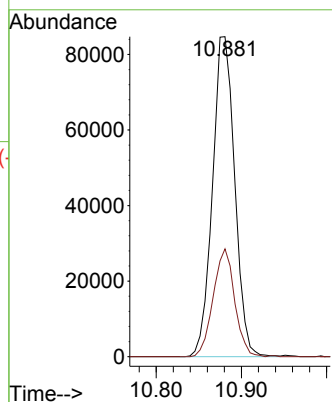
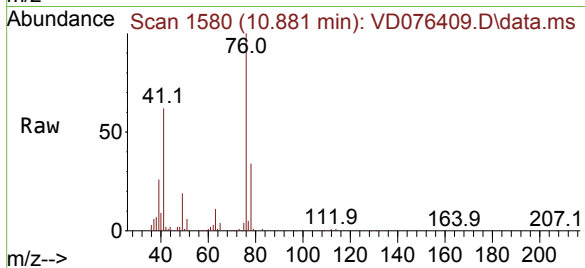
VSTDCCC050EC

Tgt Ion: 76 Resp: 153635

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 245.858 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076409.D

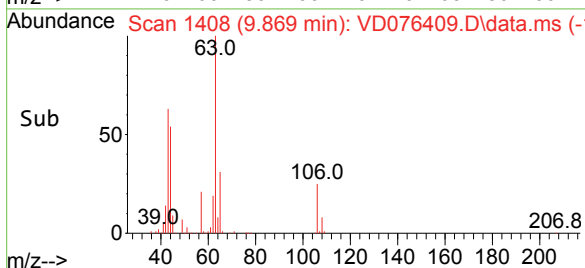
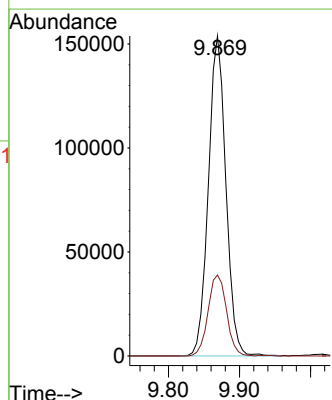
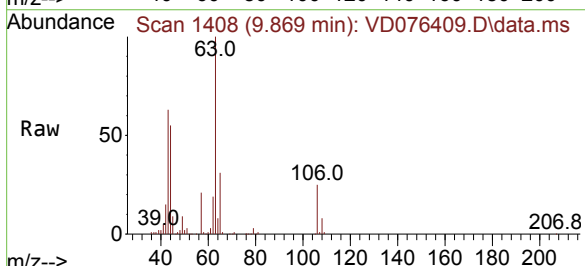
Acq: 13 Jun 2023 17:18

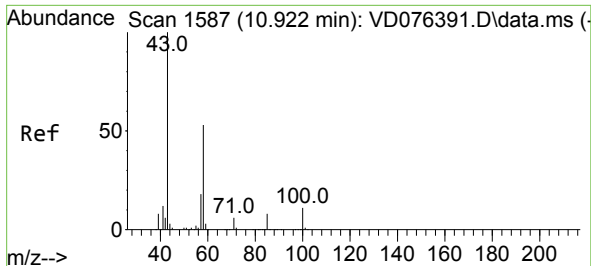
Tgt Ion: 63 Resp: 263347

Ion Ratio Lower Upper

63 100

106 26.7 25.3 37.9

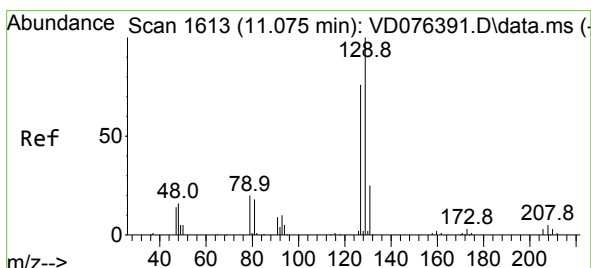
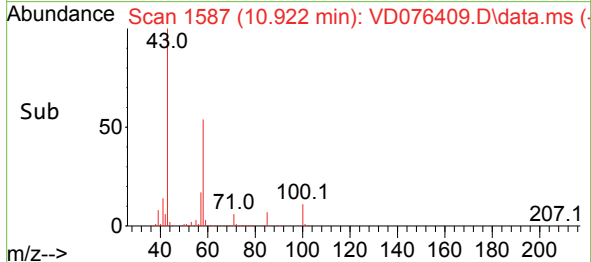
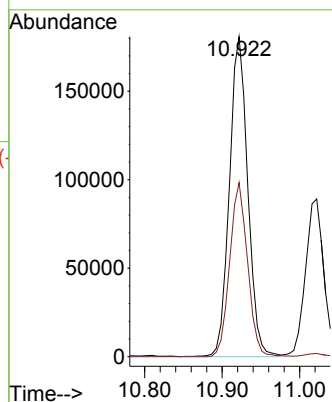
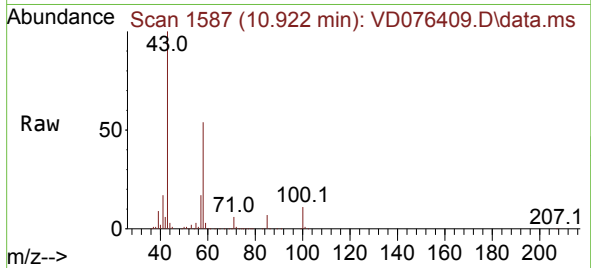




#59
2-Hexanone
Concen: 232.990 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

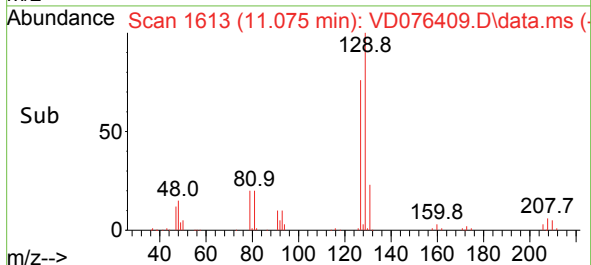
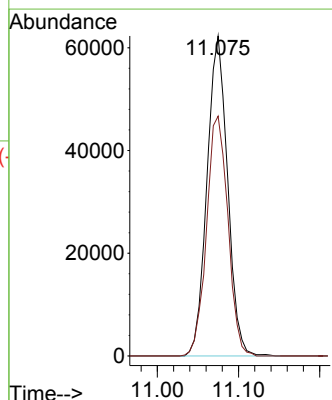
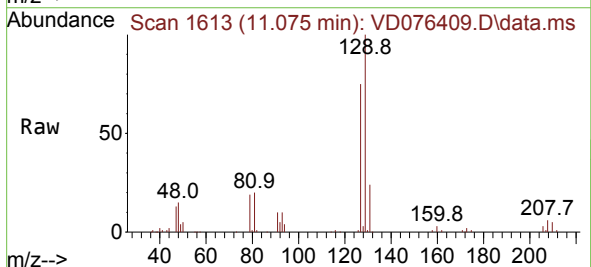
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

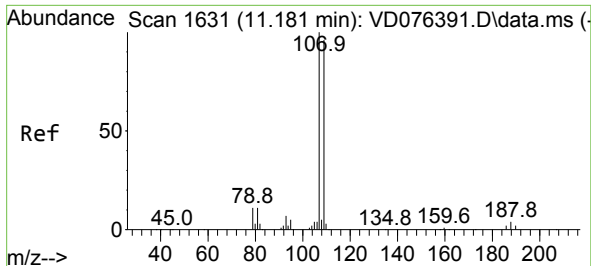
Tgt Ion: 43 Resp: 297391
Ion Ratio Lower Upper
43 100
58 53.1 34.1 102.2



#60
Dibromochloromethane
Concen: 46.726 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion: 129 Resp: 109474
Ion Ratio Lower Upper
129 100
127 77.8 37.1 111.5

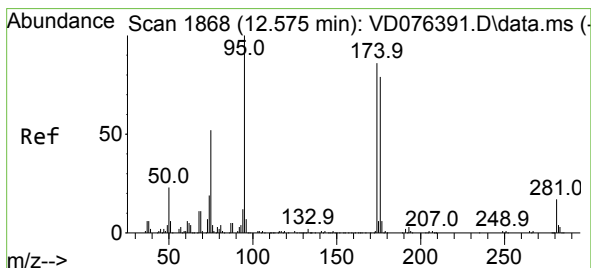
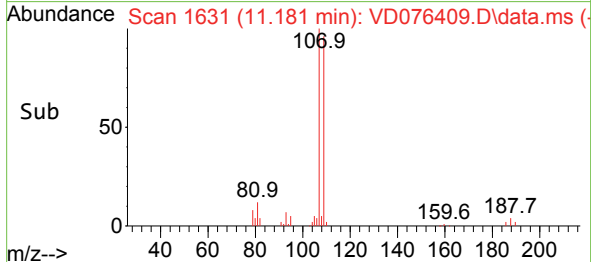
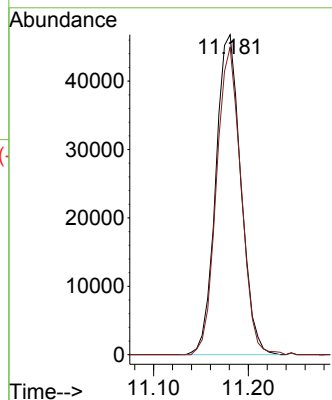
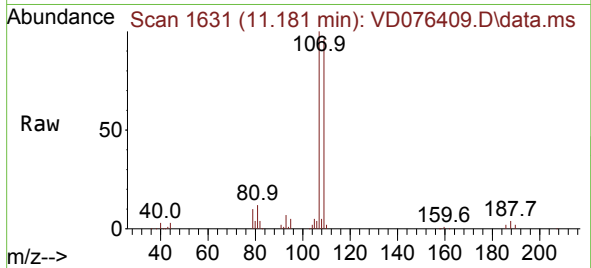




#61
1,2-Dibromoethane
Concen: 46.886 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

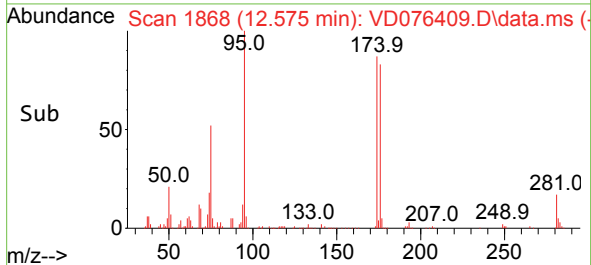
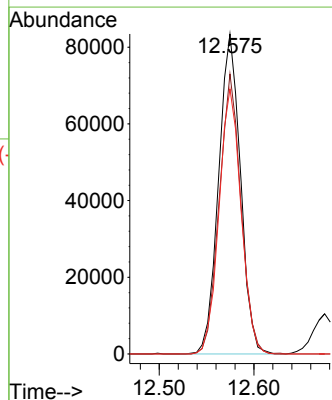
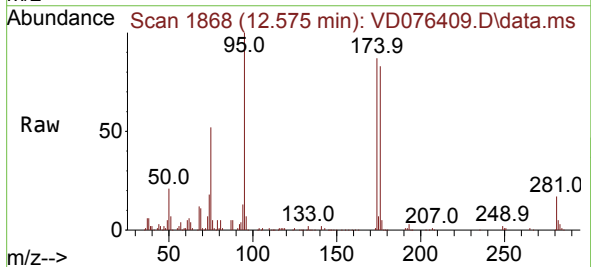
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

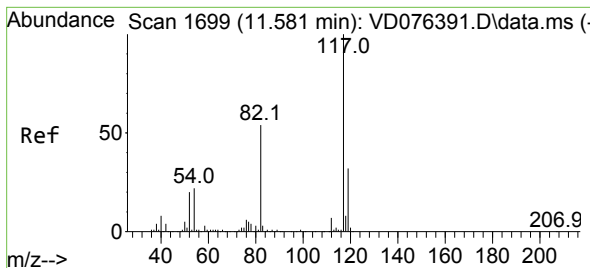
Tgt Ion:107 Resp: 86133
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.153 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion: 95 Resp: 133706
Ion Ratio Lower Upper
95 100
174 86.7 0.0 201.8
176 83.6 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

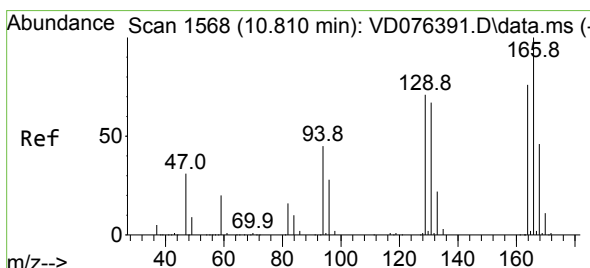
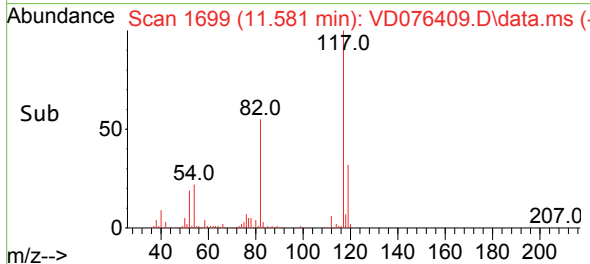
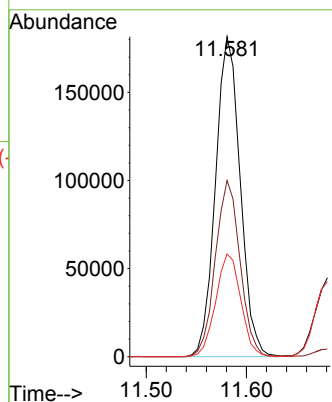
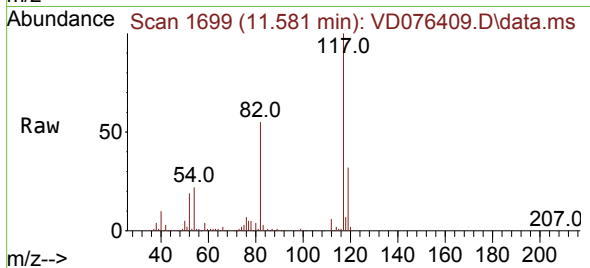
Tgt Ion:117 Resp: 310673

Ion Ratio Lower Upper

117 100

82 55.1 38.3 57.5

119 32.1 25.0 37.4



#64

Tetrachloroethene

Concen: 44.542 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Tgt Ion:164 Resp: 95001

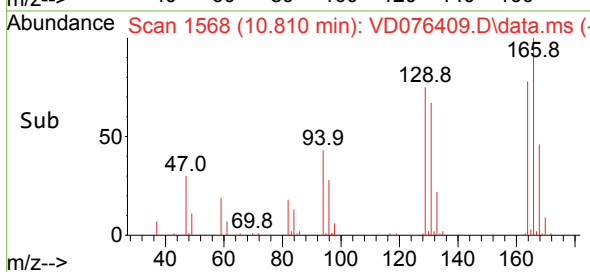
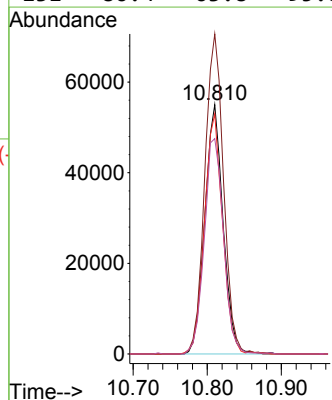
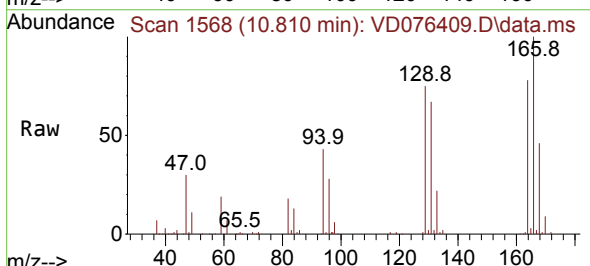
Ion Ratio Lower Upper

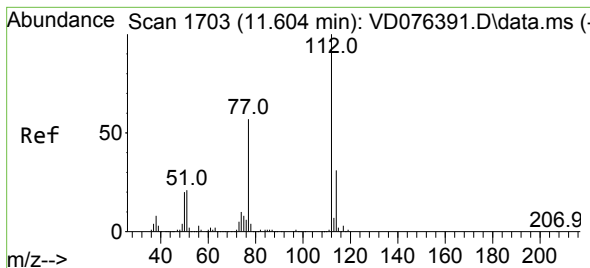
164 100

166 128.3 99.2 148.8

129 96.3 68.4 102.6

131 86.4 63.8 95.8





#65

Chlorobenzene

Concen: 46.586 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

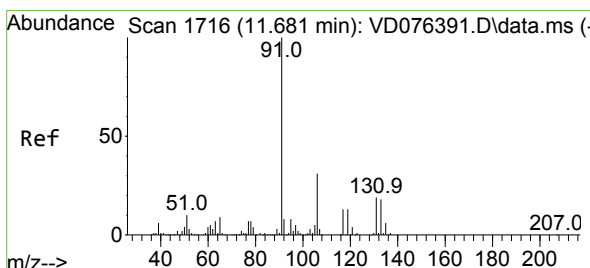
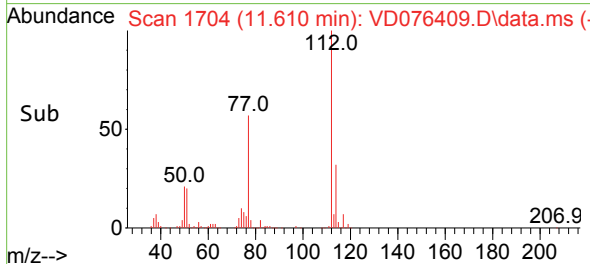
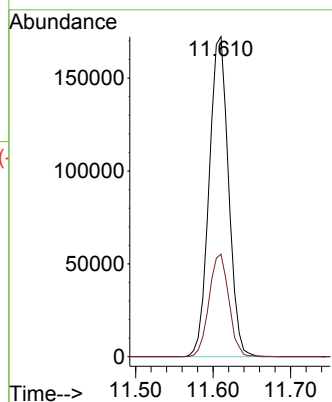
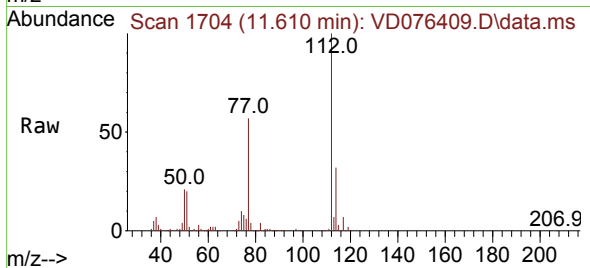
VSTDCCC050EC

Tgt Ion:112 Resp: 299998

Ion Ratio Lower Upper

112 100

114 32.1 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 46.192 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

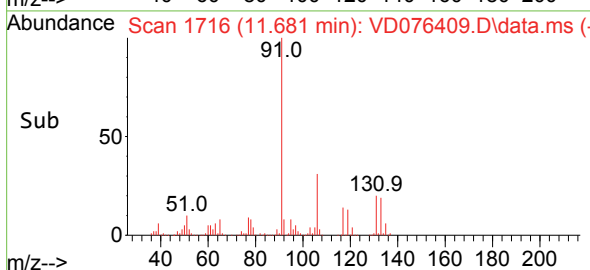
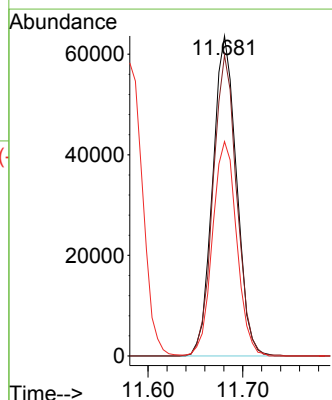
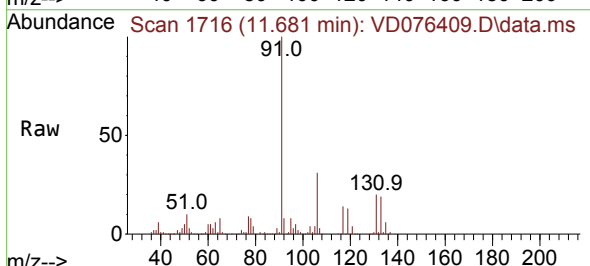
Tgt Ion:131 Resp: 111224

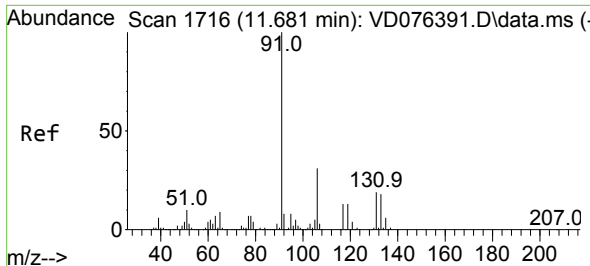
Ion Ratio Lower Upper

131 100

133 93.5 48.5 145.5

119 68.1 35.6 106.9





#67

Ethyl Benzene

Concen: 45.518 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

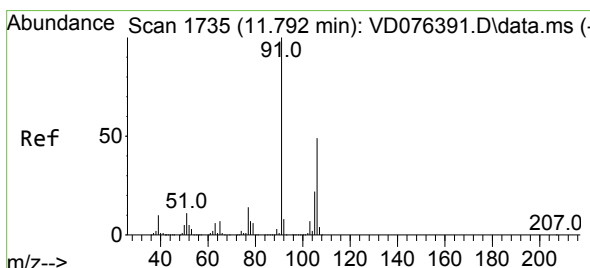
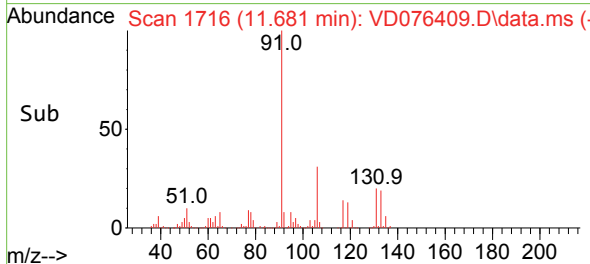
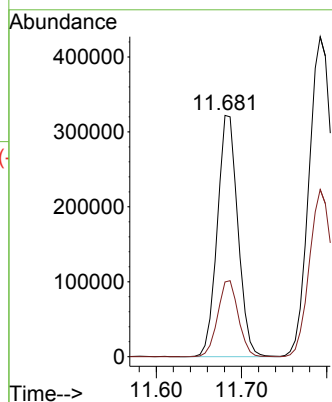
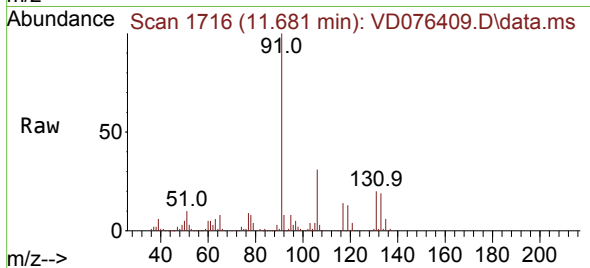
VSTDCCC050EC

Tgt Ion: 91 Resp: 539882

Ion Ratio Lower Upper

91 100

106 31.0 26.5 39.7



#68

m/p-Xylenes

Concen: 92.894 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD076409.D

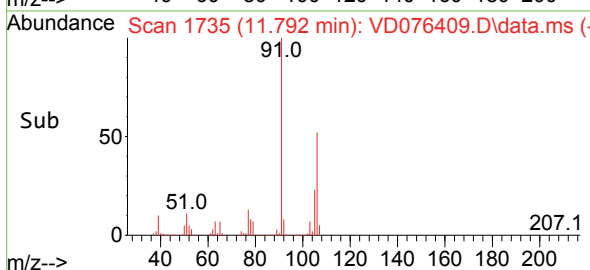
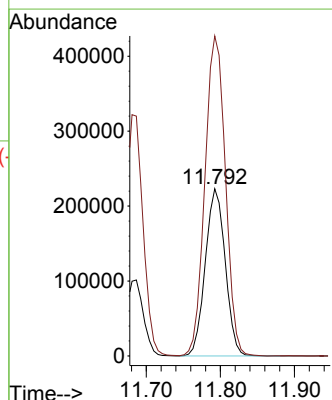
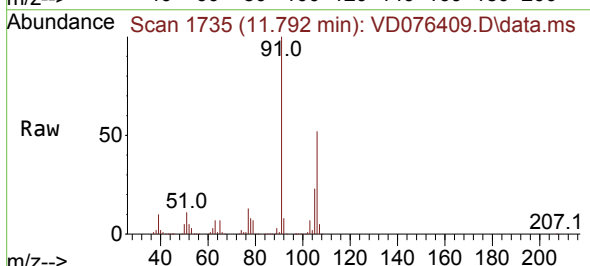
Acq: 13 Jun 2023 17:18

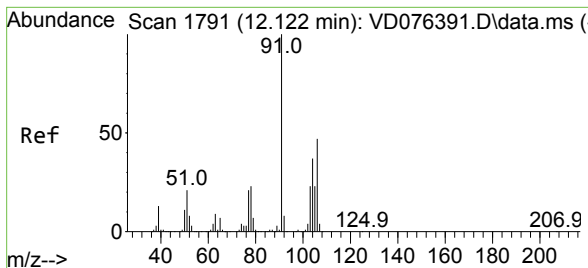
Tgt Ion: 106 Resp: 416879

Ion Ratio Lower Upper

106 100

91 196.8 147.0 220.6

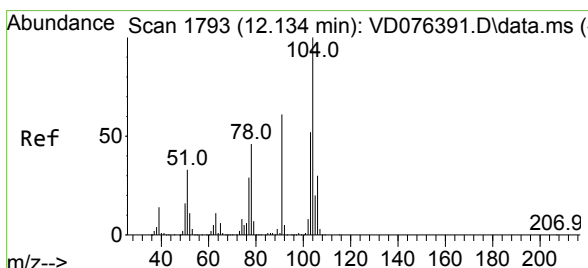
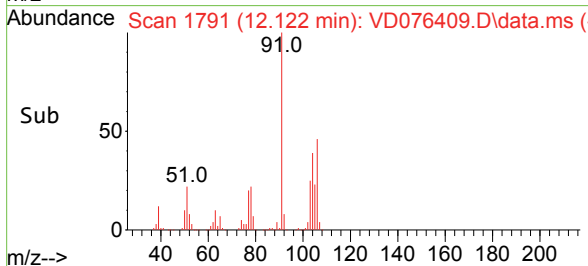
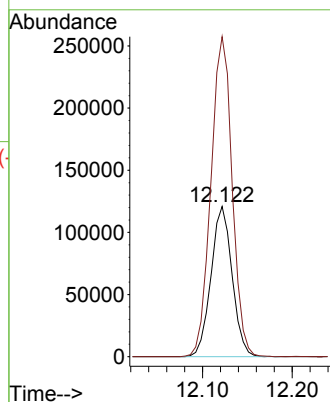
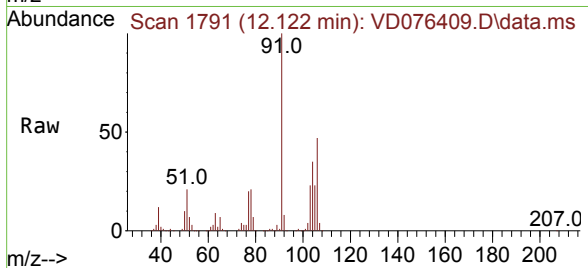




#69
o-Xylene
Concen: 45.737 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

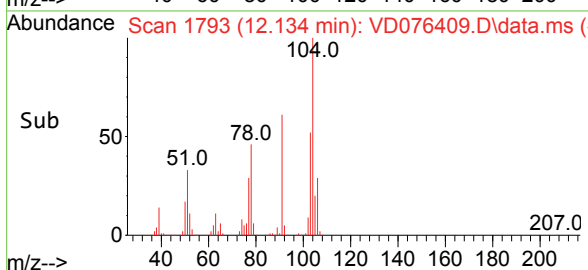
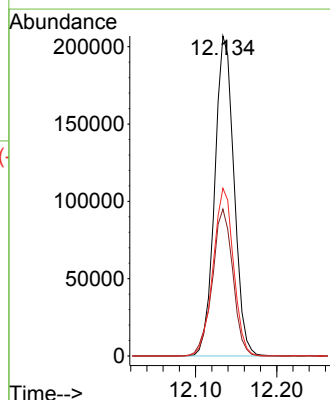
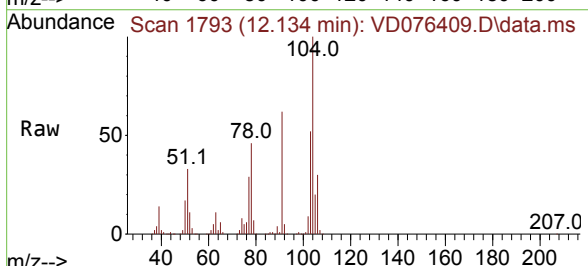
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

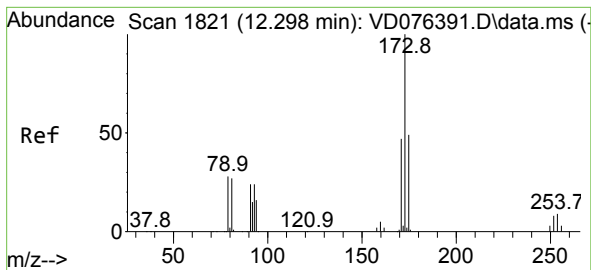
Tgt Ion:106 Resp: 197172
Ion Ratio Lower Upper
106 100
91 214.7 97.9 293.6



#70
Styrene
Concen: 46.439 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion:104 Resp: 341558
Ion Ratio Lower Upper
104 100
78 48.8 33.2 49.8
103 55.5 43.6 65.4





#71

Bromoform

Concen: 47.959 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

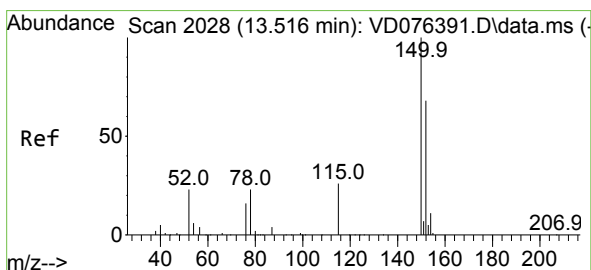
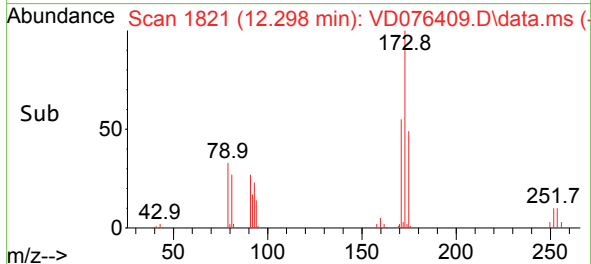
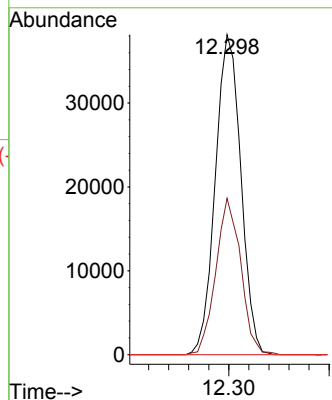
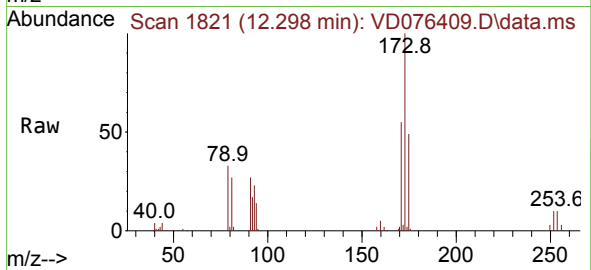
Tgt Ion:173 Resp: 67356

Ion Ratio Lower Upper

173 100

175 47.7 24.6 73.8

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. 0.006 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

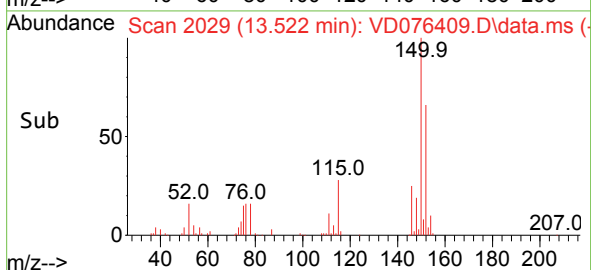
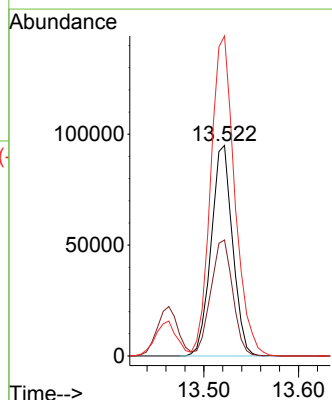
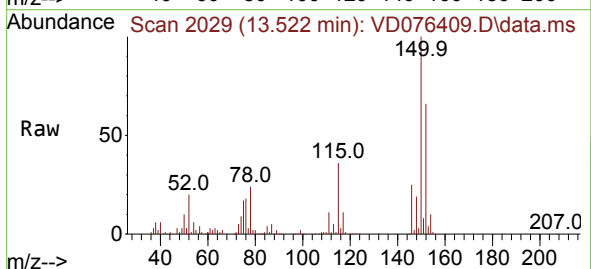
Tgt Ion:152 Resp: 149187

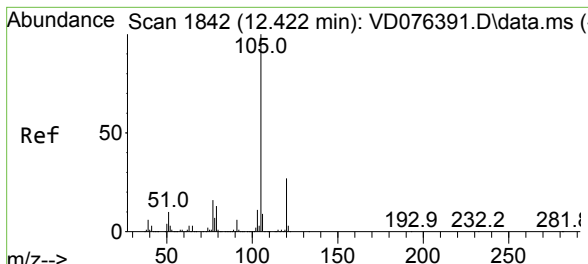
Ion Ratio Lower Upper

152 100

115 56.9 27.1 81.3

150 170.3 0.0 353.6

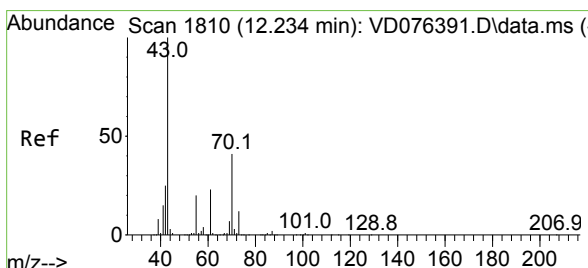
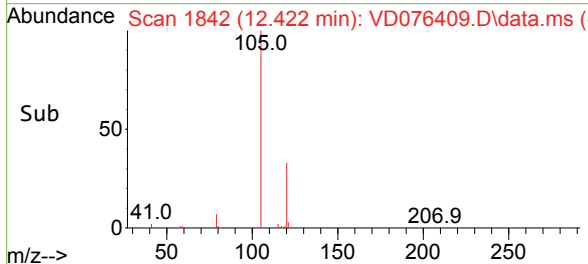
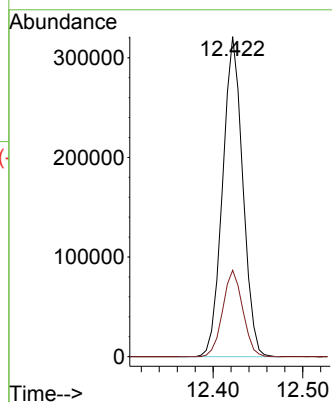
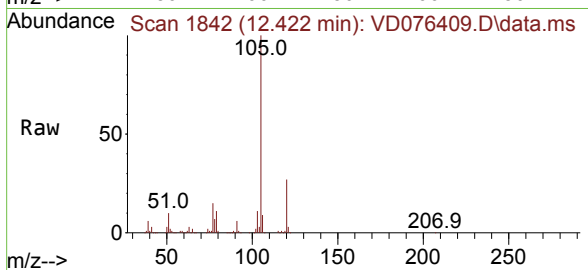




#73
Isopropylbenzene
Concen: 44.406 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

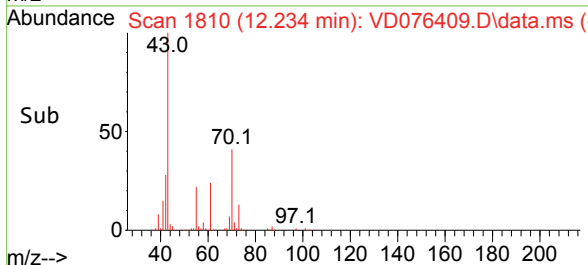
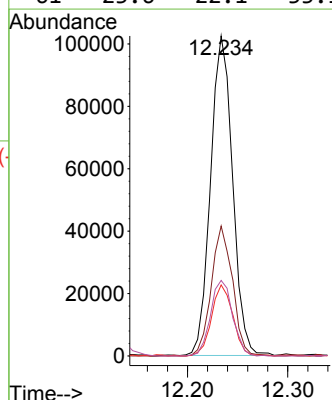
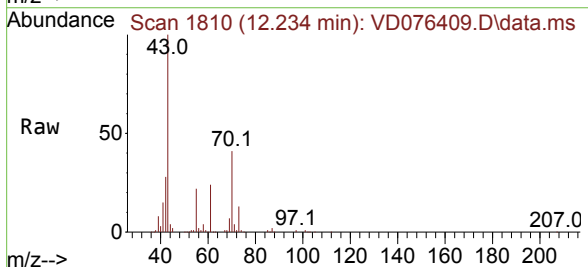
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

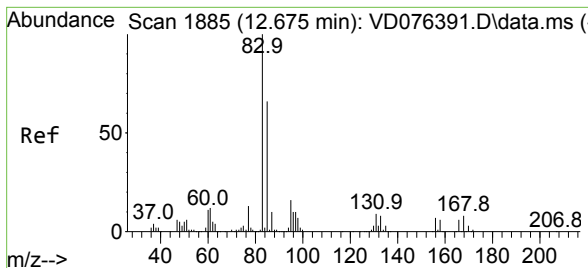
Tgt Ion:105 Resp: 501013
Ion Ratio Lower Upper
105 100
120 26.8 14.3 42.9



#74
N-ethyl acetate
Concen: 45.517 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion: 43 Resp: 156612
Ion Ratio Lower Upper
43 100
70 39.0 45.0 67.4#
55 21.6 23.8 35.6#
61 23.6 22.1 33.1

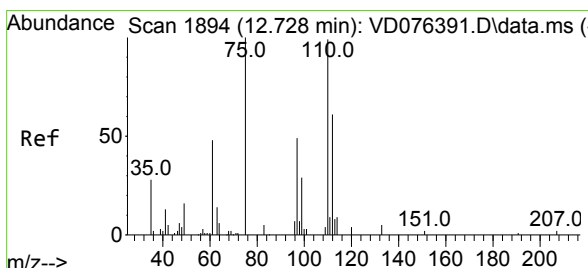
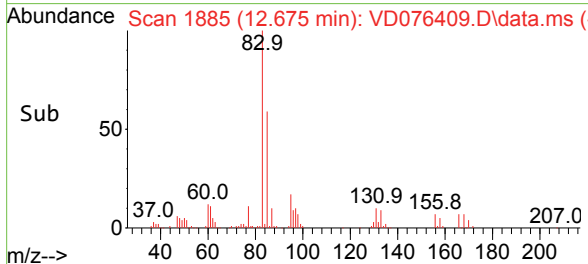
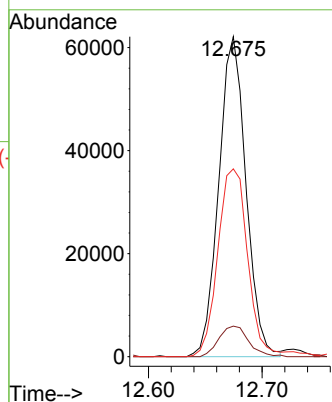
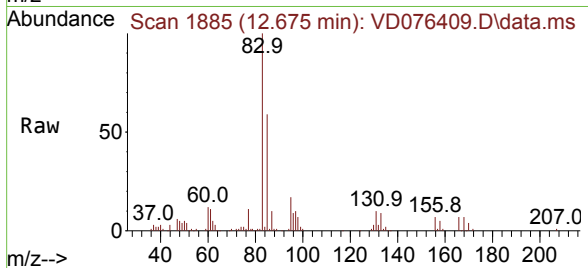




#75
1,1,2,2-Tetrachloroethane
Concen: 46.448 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

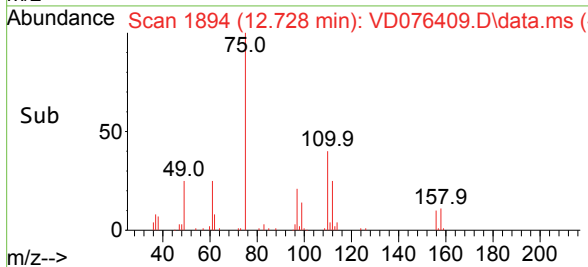
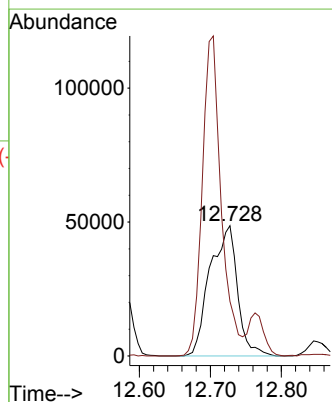
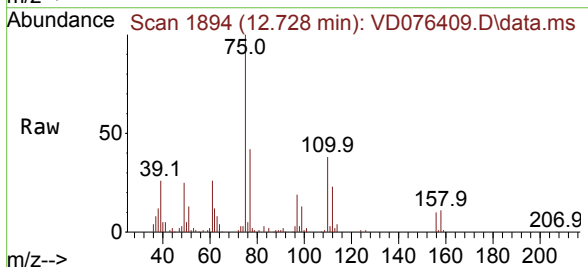
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

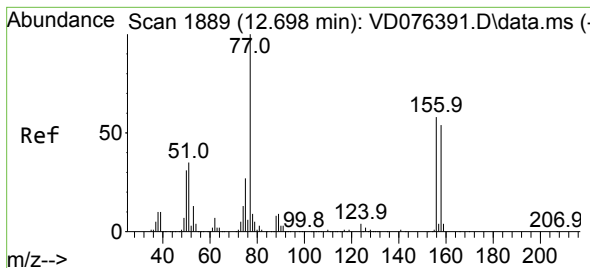
Tgt Ion: 83 Resp: 103486
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 65.1 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 94.028 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion: 75 Resp: 131143
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.107 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

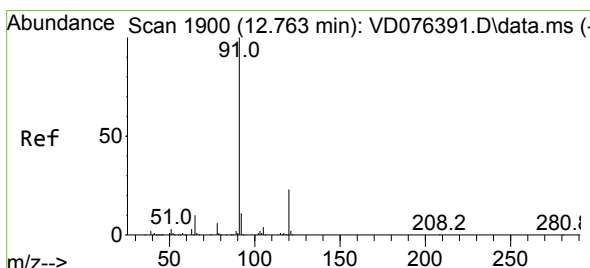
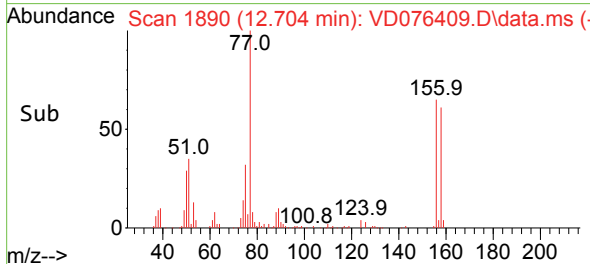
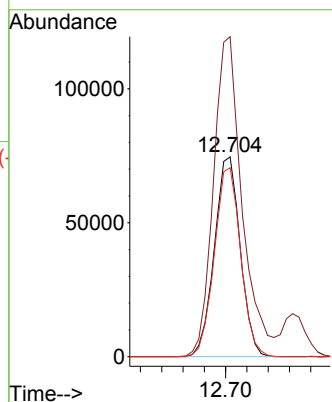
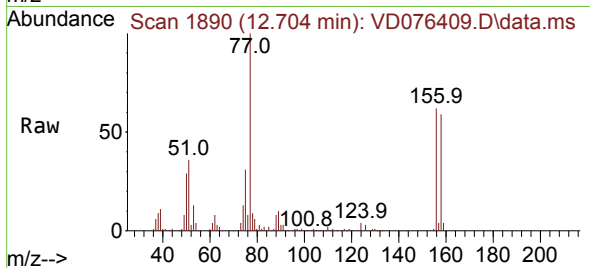
Tgt Ion:156 Resp: 125399

Ion Ratio Lower Upper

156 100

77 177.6 76.8 230.4

158 96.1 48.6 145.9



#78

n-propylbenzene

Concen: 44.523 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076409.D

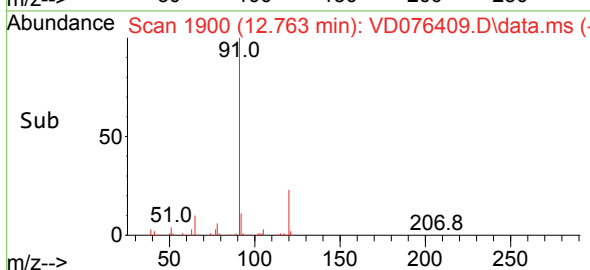
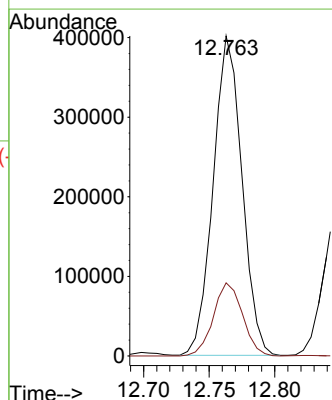
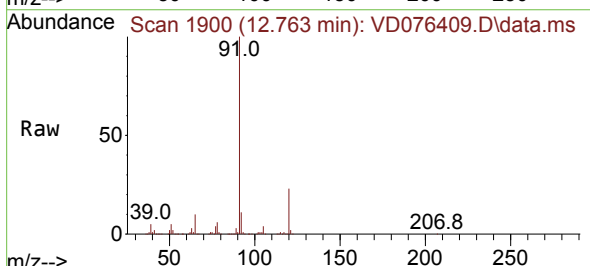
Acq: 13 Jun 2023 17:18

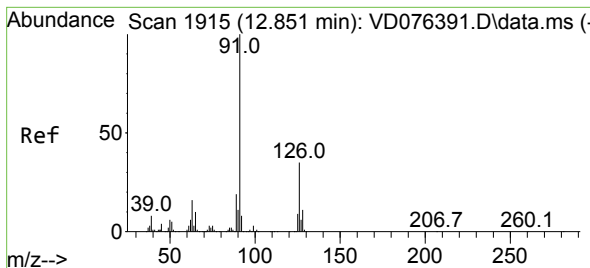
Tgt Ion: 91 Resp: 612294

Ion Ratio Lower Upper

91 100

120 23.1 12.4 37.2





#79

2-Chlorotoluene

Concen: 44.161 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

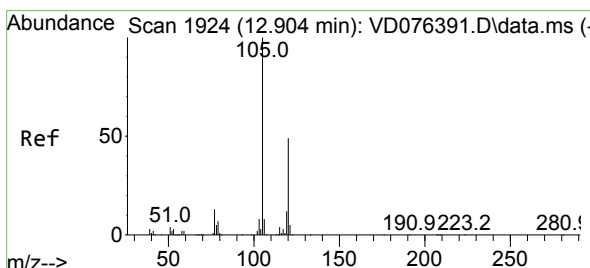
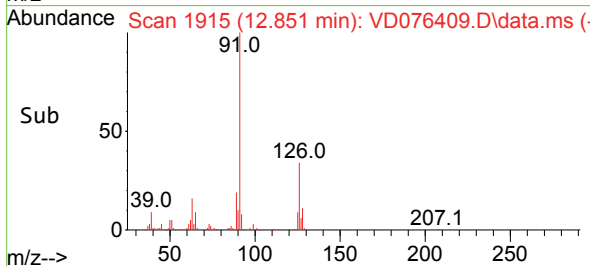
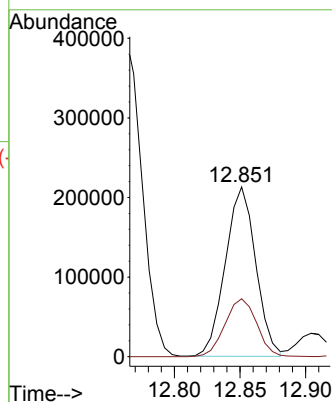
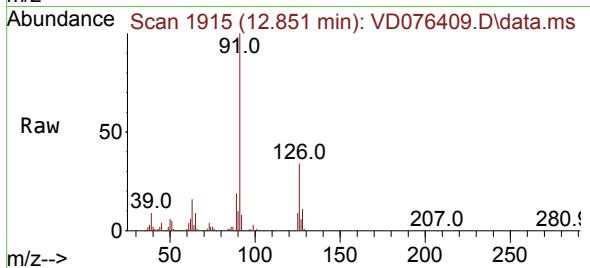
VSTDCCC050EC

Tgt Ion: 91 Resp: 343670

Ion Ratio Lower Upper

91 100

126 35.7 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 43.862 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD076409.D

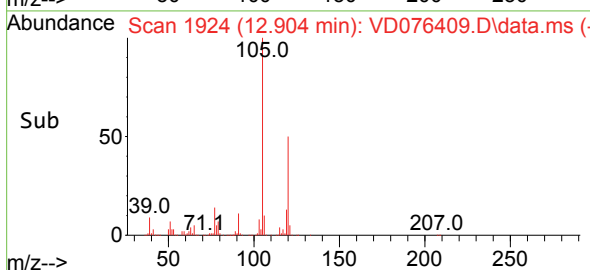
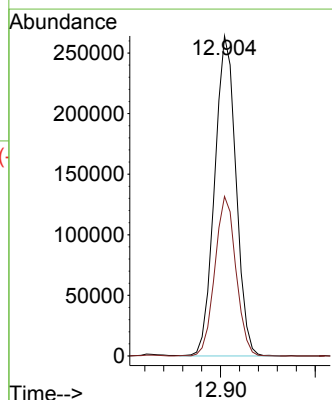
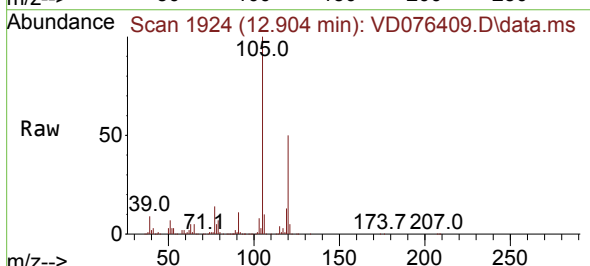
Acq: 13 Jun 2023 17:18

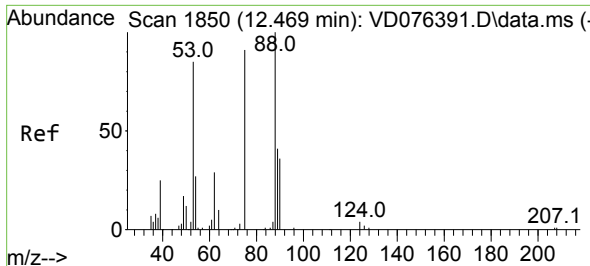
Tgt Ion: 105 Resp: 413054

Ion Ratio Lower Upper

105 100

120 49.2 26.4 79.2

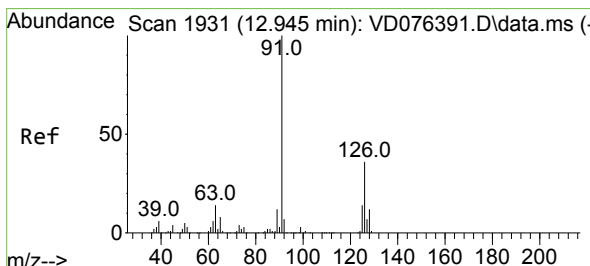
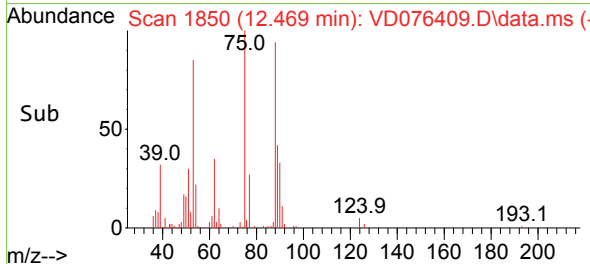
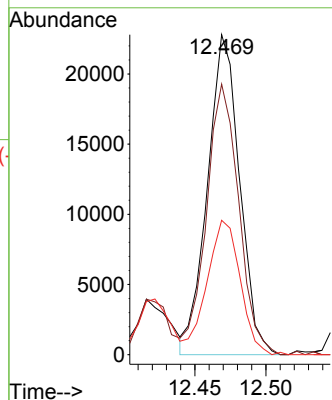
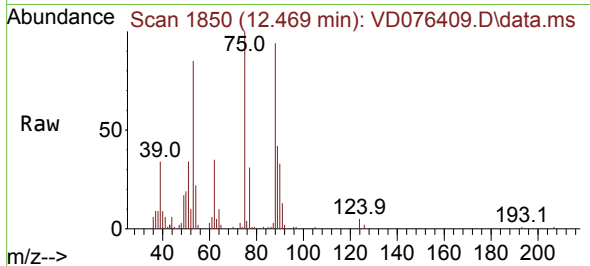




#81
trans-1,4-Dichloro-2-butene
Concen: 46.023 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

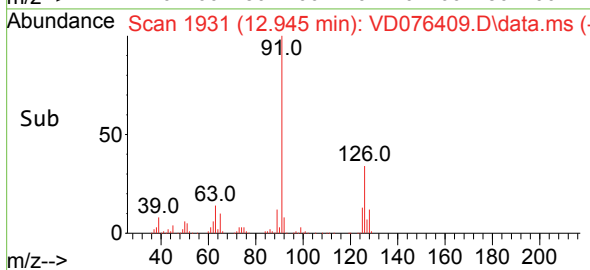
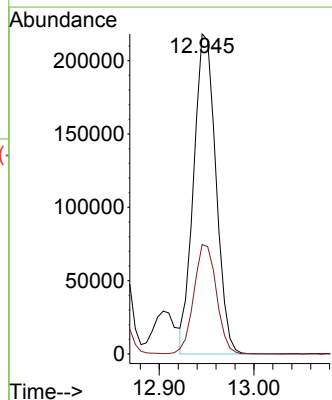
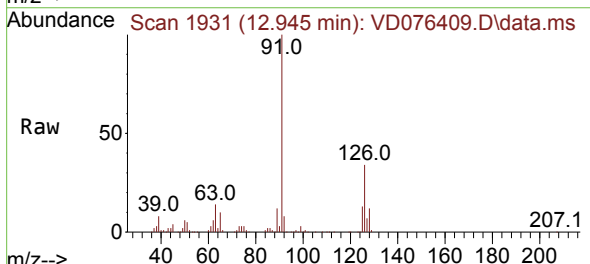
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

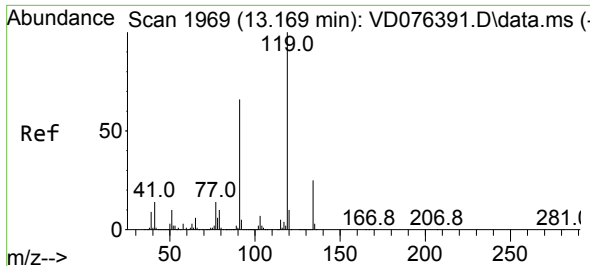
Tgt Ion: 75 Resp: 35851
Ion Ratio Lower Upper
75 100
53 85.0 63.0 94.4
89 43.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 43.723 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion: 91 Resp: 356320
Ion Ratio Lower Upper
91 100
126 34.8 19.4 58.4

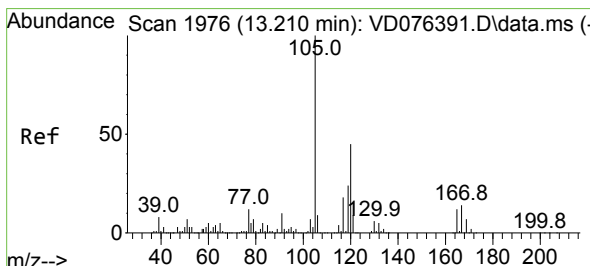
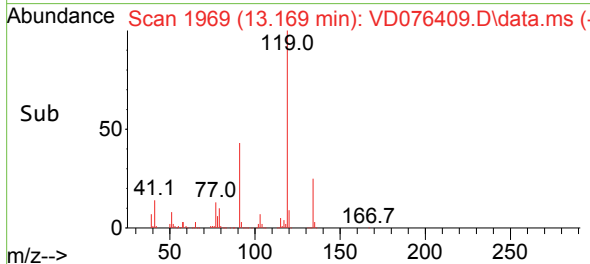
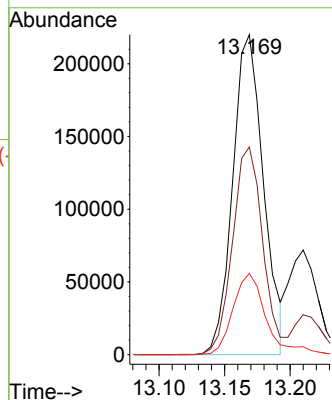
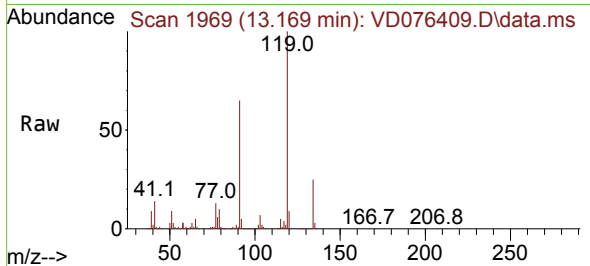




#83
tert-Butylbenzene
Concen: 44.453 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

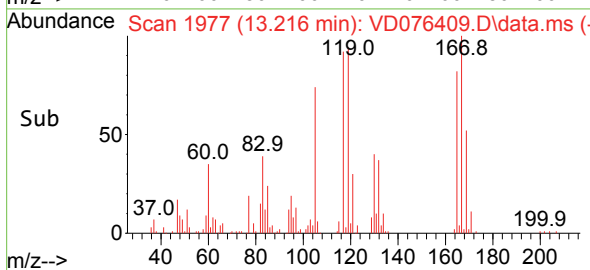
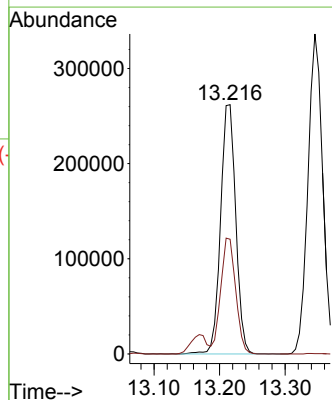
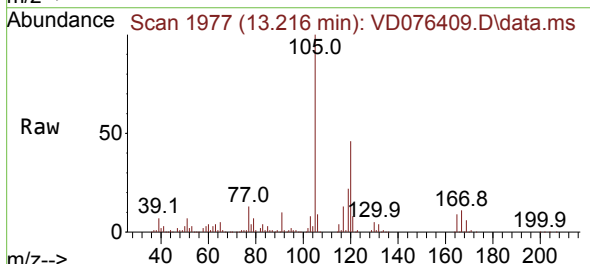
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

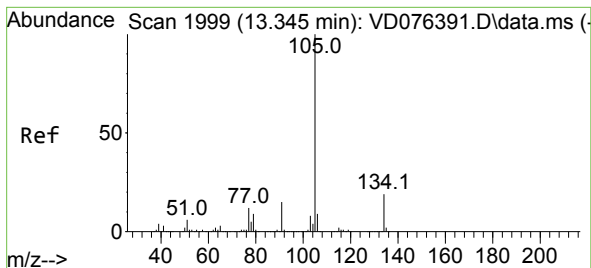
Tgt Ion:119 Resp: 359245
Ion Ratio Lower Upper
119 100
91 64.5 29.3 87.8
134 27.4 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 45.116 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion:105 Resp: 419774
Ion Ratio Lower Upper
105 100
120 45.7 24.3 72.9





#85

sec-Butylbenzene

Concen: 43.861 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

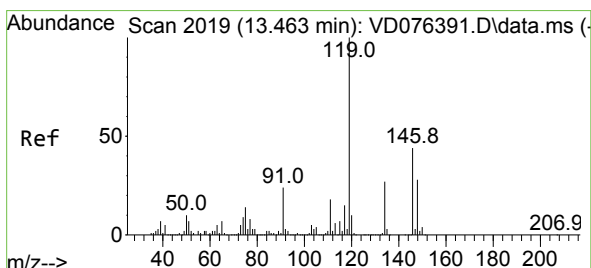
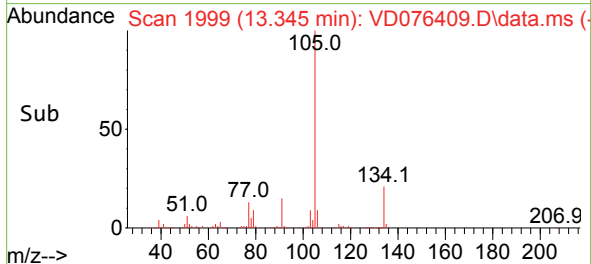
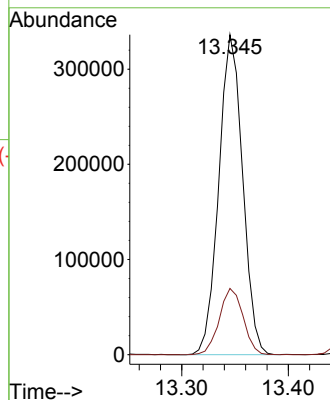
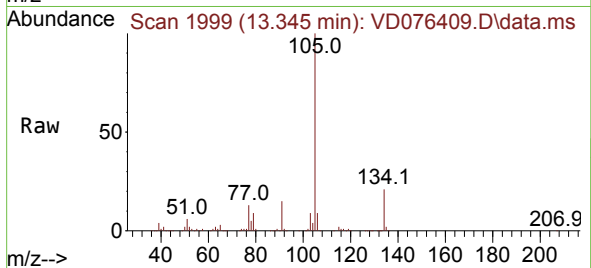
VSTDCCC050EC

Tgt Ion:105 Resp: 521708

Ion Ratio Lower Upper

105 100

134 20.7 10.9 32.9



#86

p-Isopropyltoluene

Concen: 44.048 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

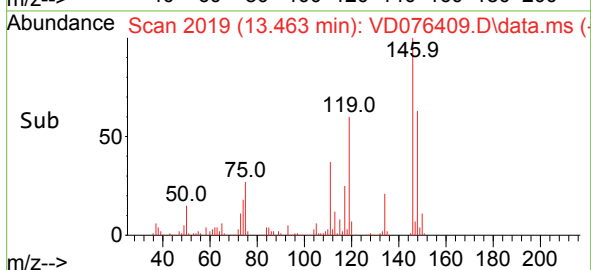
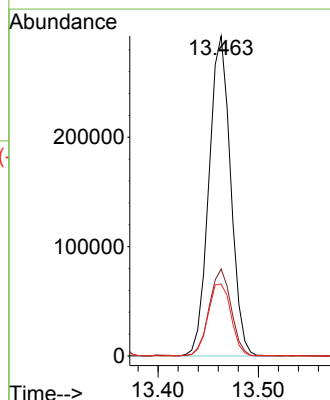
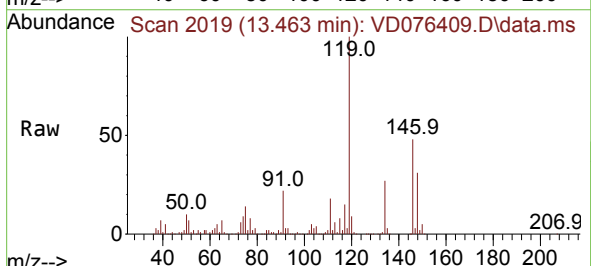
Tgt Ion:119 Resp: 441164

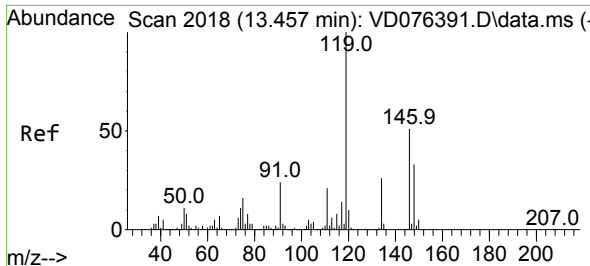
Ion Ratio Lower Upper

119 100

134 27.3 14.2 42.6

91 23.9 10.5 31.5

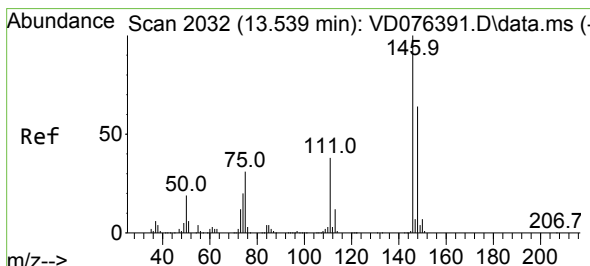
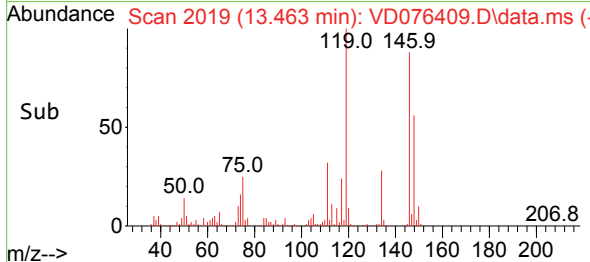
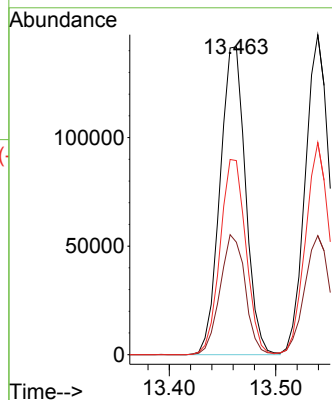
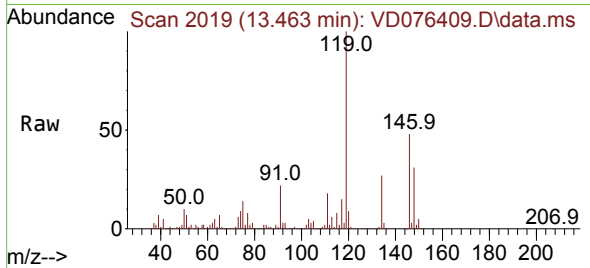




#87
1,3-Dichlorobenzene
Concen: 45.819 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

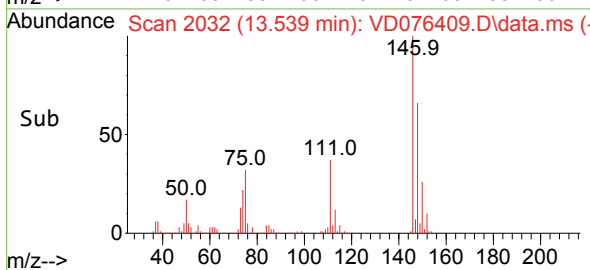
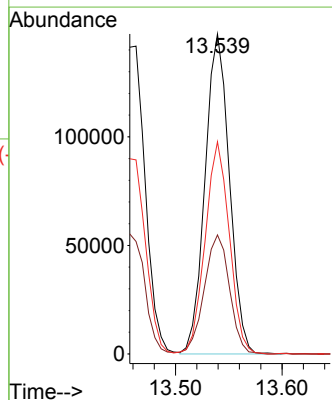
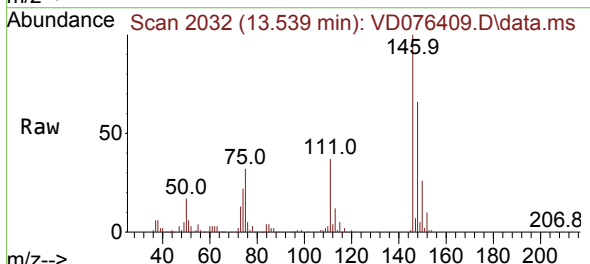
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

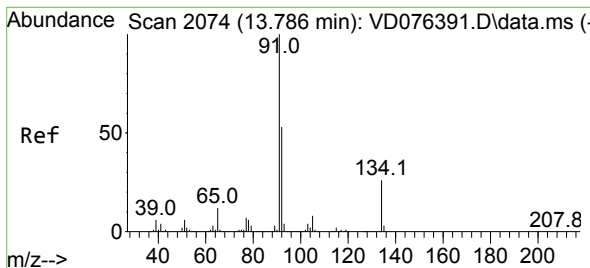
Tgt Ion:146 Resp: 236047
Ion Ratio Lower Upper
146 100
111 38.5 17.9 53.8
148 64.0 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 46.029 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion:146 Resp: 234346
Ion Ratio Lower Upper
146 100
111 38.5 17.4 52.3
148 65.8 31.7 95.1





#89

n-Butylbenzene

Concen: 43.832 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

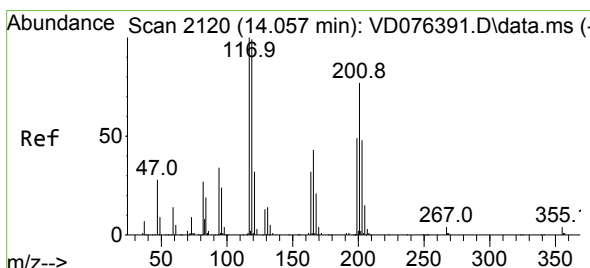
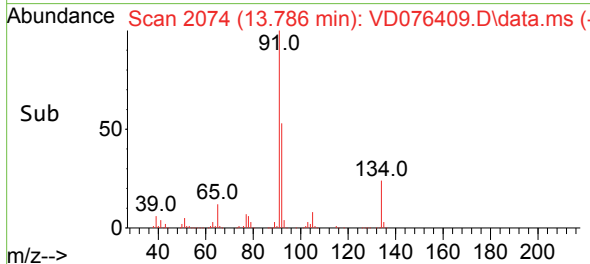
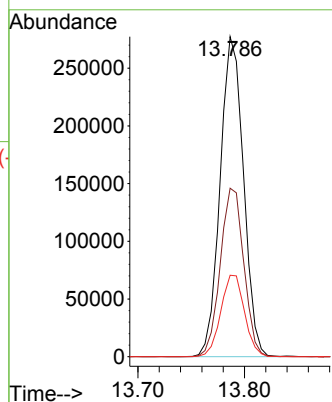
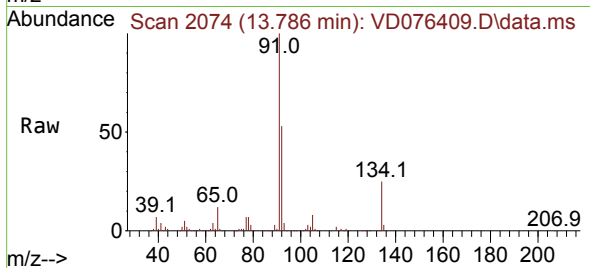
Tgt Ion: 91 Resp: 421787

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

134 25.9 13.8 41.3



#90

Hexachloroethane

Concen: 44.338 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD076409.D

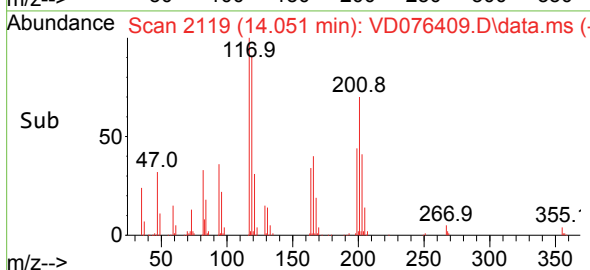
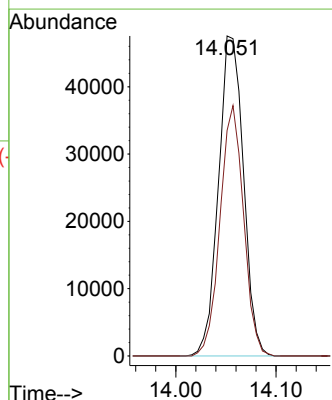
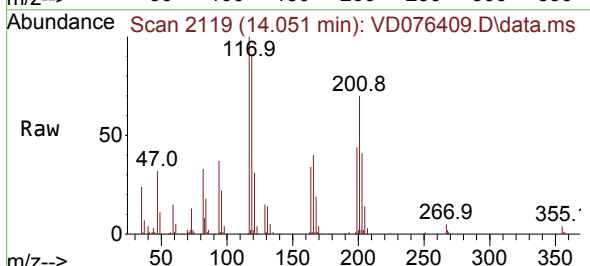
Acq: 13 Jun 2023 17:18

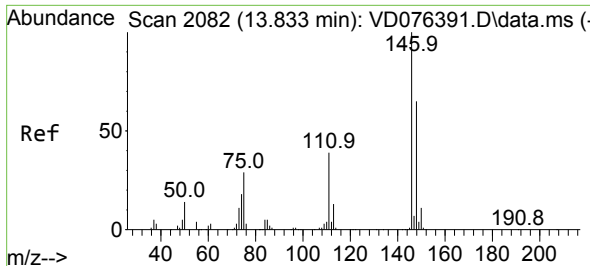
Tgt Ion: 117 Resp: 81949

Ion Ratio Lower Upper

117 100

201 73.8 38.5 115.5

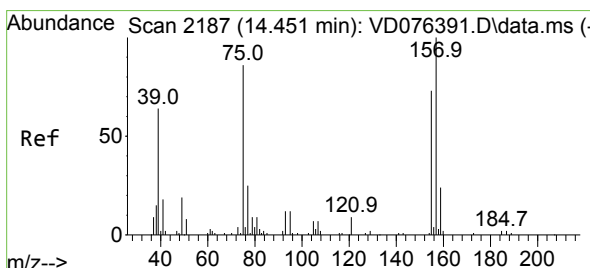
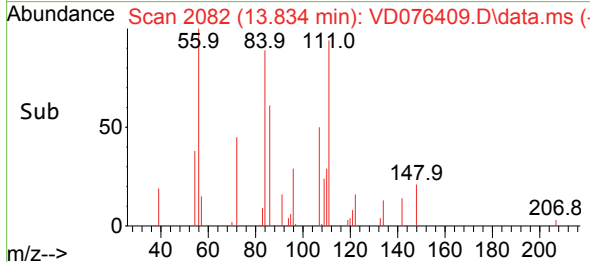
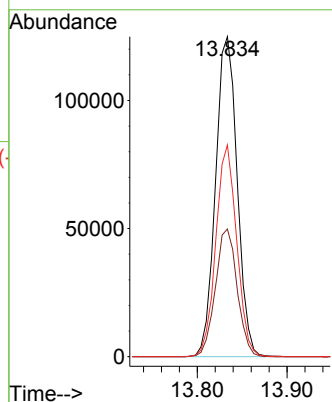
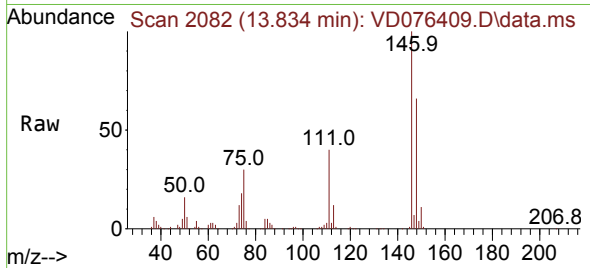




#91
1,2-Dichlorobenzene
Concen: 46.054 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

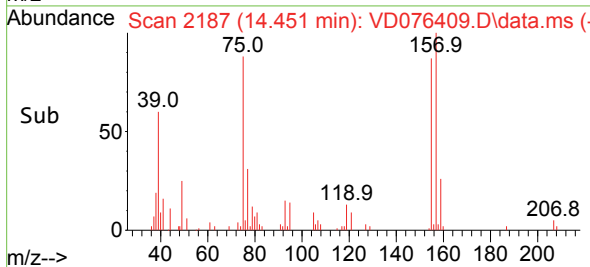
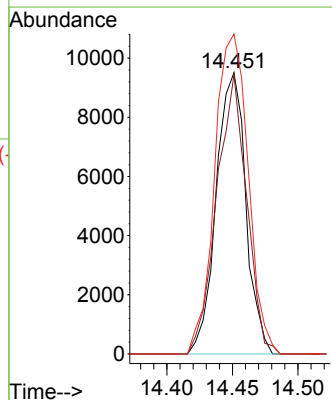
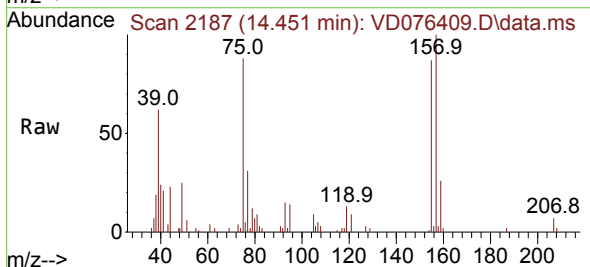
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

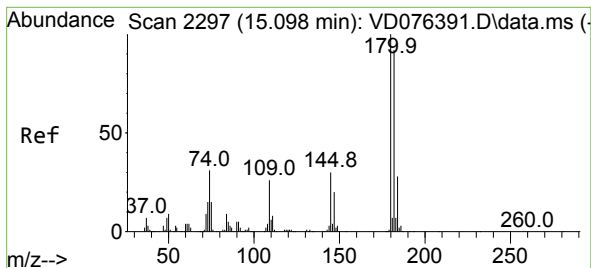
Tgt Ion:146 Resp: 208662
Ion Ratio Lower Upper
146 100
111 40.2 18.3 54.8
148 63.9 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.845 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD076409.D
Acq: 13 Jun 2023 17:18

Tgt Ion: 75 Resp: 14949
Ion Ratio Lower Upper
75 100
155 100.3 47.9 143.8
157 128.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 44.236 ug/l

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

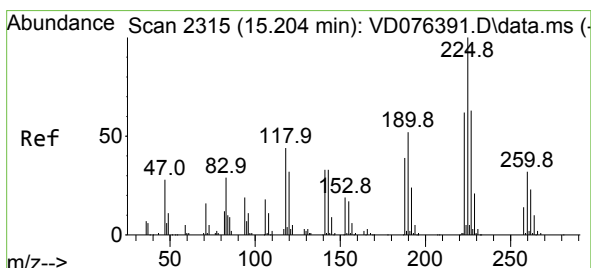
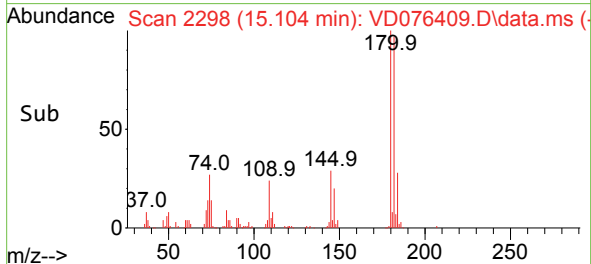
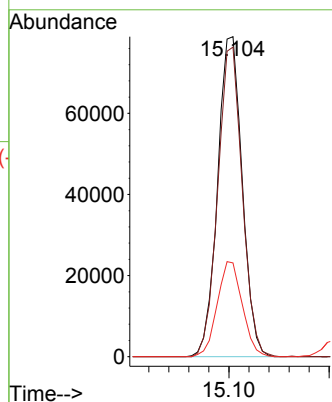
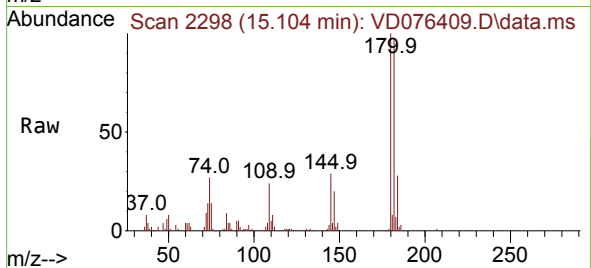
Tgt Ion:180 Resp: 134143

Ion Ratio Lower Upper

180 100

182 96.0 48.5 145.6

145 30.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 42.244 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

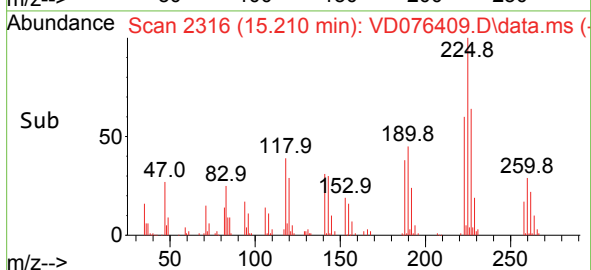
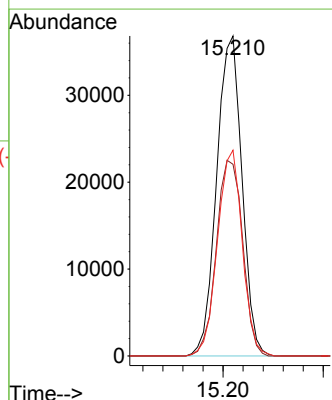
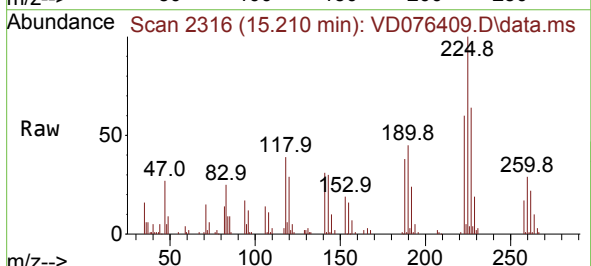
Tgt Ion:225 Resp: 64447

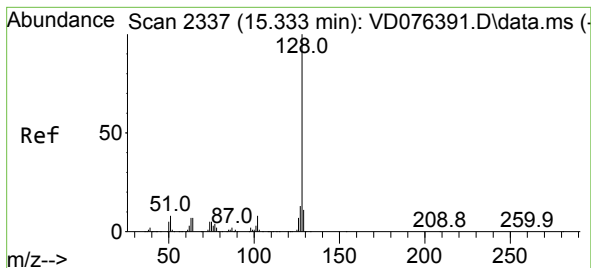
Ion Ratio Lower Upper

225 100

223 63.7 31.6 94.8

227 63.0 31.7 95.1





#95

Naphthalene

Concen: 45.742 ug/l

RT: 15.333 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

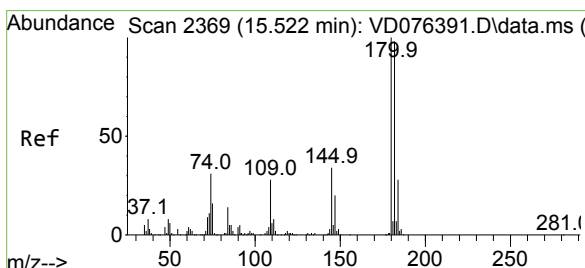
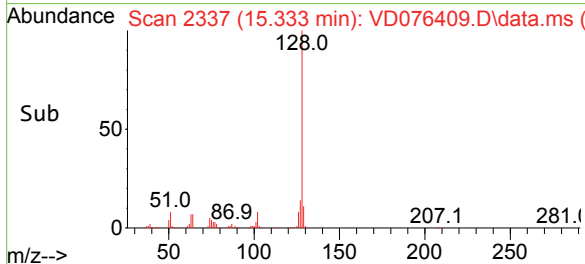
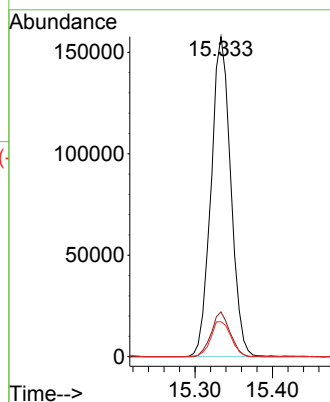
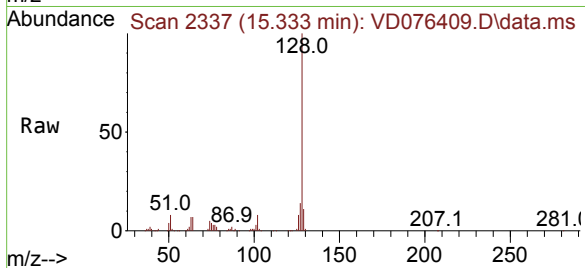
Tgt Ion:128 Resp: 278539

Ion Ratio Lower Upper

128 100

127 14.0 10.5 15.7

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 45.059 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD076409.D

Acq: 13 Jun 2023 17:18

Tgt Ion:180 Resp: 118010

Ion Ratio Lower Upper

180 100

182 93.9 47.3 141.9

145 31.8 15.1 45.3

