

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040723\
 Data File : VD075607.D
 Acq On : 07 Apr 2023 18:11
 Operator : KP/SY
 Sample : 02191-01RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 10 02:08:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	204027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	275447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	258636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	138098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	88125	47.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.200%
35) Dibromofluoromethane	7.810	113	127008	67.323	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	134.640%
50) Toluene-d8	10.269	98	435779	58.473	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.940%
62) 4-Bromofluorobenzene	12.575	95	124515	57.795	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	71102	34.947	ug/l	96
3) Chloromethane	2.146	50	134078	43.248	ug/l	98
4) Vinyl Chloride	2.281	62	187389	38.271	ug/l	96
5) Bromomethane	2.693	94	149605	39.001	ug/l	97
6) Chloroethane	2.840	64	130073	39.660	ug/l	93
7) Trichlorofluoromethane	3.175	101	145656	36.909	ug/l	100
8) Diethyl Ether	3.599	74	44995	42.711	ug/l	65
9) 1,1,2-Trichlorotrifluo...	3.970	101	94777	36.910	ug/l	93
10) Methyl Iodide	4.164	142	122205	39.892	ug/l	91
11) Tert butyl alcohol	5.046	59	17598	205.854	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	95342	37.597	ug/l	88
13) Acrolein	3.793	56	27784	163.334	ug/l	97
14) Allyl chloride	4.564	41	86042	39.435	ug/l #	81
15) Acrylonitrile	5.258	53	84663	219.160	ug/l	98
16) Acetone	4.022	43	73710	233.709	ug/l #	85
17) Carbon Disulfide	4.269	76	288230	37.672	ug/l	100
18) Methyl Acetate	4.564	43	44994	45.908	ug/l #	67
19) Methyl tert-butyl Ether	5.316	73	195775	44.519	ug/l	94
20) Methylene Chloride	4.799	84	124593	46.931	ug/l #	72
21) trans-1,2-Dichloroethene	5.311	96	114598	39.753	ug/l #	78
22) Diisopropyl ether	6.216	45	210600	44.533	ug/l #	88
23) Vinyl Acetate	6.158	43	511196	222.739	ug/l #	83
24) 1,1-Dichloroethane	6.111	63	171557	41.882	ug/l	98
25) 2-Butanone	7.081	43	92844	215.074	ug/l #	70
26) 2,2-Dichloropropane	7.075	77	148097	39.309	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	129135	41.803	ug/l	81
28) Bromochloromethane	7.428	49	66244	50.163	ug/l #	37
29) Tetrahydrofuran	7.440	42	59176	251.869	ug/l #	54
30) Chloroform	7.593	83	219691	48.291	ug/l	99
31) Cyclohexane	7.875	56	134102	40.667	ug/l #	71
32) 1,1,1-Trichloroethane	7.793	97	181447	45.487	ug/l	95
36) 1,1-Dichloropropene	8.010	75	137343	49.126	ug/l	92
37) Ethyl Acetate	7.169	43	42431	58.249	ug/l #	81
38) Carbon Tetrachloride	7.993	117	130525	48.725	ug/l	98
39) Methylcyclohexane	9.275	83	161883	45.925	ug/l	91
40) Benzene	8.252	78	450137	53.725	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	21674	56.464	ug/l #	64
42) 1,2-Dichloroethane	8.328	62	104601	56.716	ug/l	91
43) Isopropyl Acetate	8.363	43	77798	57.717	ug/l #	77
44) Trichloroethene	9.028	130	123109	49.995	ug/l	90
45) 1,2-Dichloropropane	9.305	63	100077	55.563	ug/l	95
46) Dibromomethane	9.393	93	63126	56.864	ug/l	98
47) Bromodichloromethane	9.587	83	148550	55.261	ug/l	96
48) Methyl methacrylate	9.381	41	36418	57.512	ug/l #	64
49) 1,4-Dioxane	9.381	88	10987	1091.020	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	202611	289.034	ug/l #	76
52) Toluene	10.334	92	294673	54.273	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	136150	56.303	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	163090	54.917	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	87118	55.435	ug/l	94
56) Ethyl methacrylate	10.599	69	89818	60.027	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	137776	56.967	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	220104	300.565	ug/l #	87
59) 2-Hexanone	10.922	43	141461	285.358	ug/l	67
60) Dibromochloromethane	11.075	129	108699	58.543	ug/l	99
61) 1,2-Dibromoethane	11.181	107	82607	55.814	ug/l	96
64) Tetrachloroethene	10.810	164	101144	49.553	ug/l	95
65) Chlorobenzene	11.610	112	312388	50.928	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	111192	52.914	ug/l	94
67) Ethyl Benzene	11.681	91	544684	51.562	ug/l	96
68) m/p-Xylenes	11.793	106	453400	106.788	ug/l	90
69) o-Xylene	12.122	106	203555	51.623	ug/l	95
70) Styrene	12.134	104	365077	55.661	ug/l	94
71) Bromoform	12.298	173	59084	55.063	ug/l #	99
73) Isopropylbenzene	12.422	105	524142	47.394	ug/l	99
74) N-amyl acetate	12.234	43	69579	50.789	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	12.675	83	95589	50.964	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	108970	96.212	ug/l #	100
77) Bromobenzene	12.704	156	124320	47.285	ug/l	90
78) n-propylbenzene	12.763	91	632130	47.041	ug/l	97
79) 2-Chlorotoluene	12.851	91	344659	47.333	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	433849	47.839	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	27739	51.515	ug/l #	72
82) 4-Chlorotoluene	12.945	91	362766	48.280	ug/l	94
83) tert-Butylbenzene	13.169	119	367772	46.660	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	443385	50.588	ug/l	97
85) sec-Butylbenzene	13.345	105	572772	46.941	ug/l	98
86) p-Isopropyltoluene	13.463	119	476327	47.772	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	265668	48.883	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	255573	47.538	ug/l	98
89) n-Butylbenzene	13.787	91	426850	46.679	ug/l	98
90) Hexachloroethane	14.051	117	87400	45.395	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	227071	49.374	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12043	51.022	ug/l	79
93) 1,2,4-Trichlorobenzene	15.098	180	121074	45.143	ug/l	96
94) Hexachlorobutadiene	15.204	225	55217	43.166	ug/l	98
95) Naphthalene	15.334	128	229662	46.647	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	103807	44.855	ug/l	99

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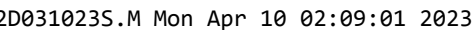
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

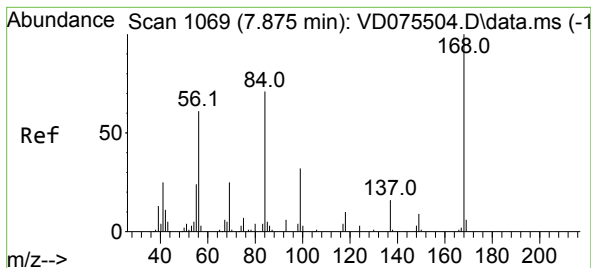
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD075607.D

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Instrument :

MSVOA_D

ClientSampleId :

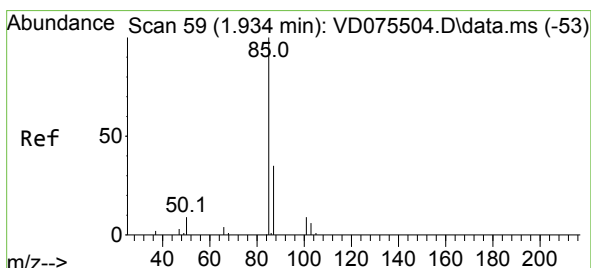
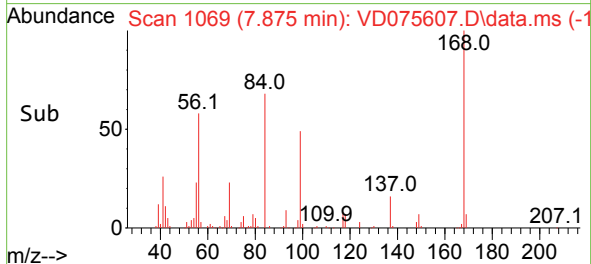
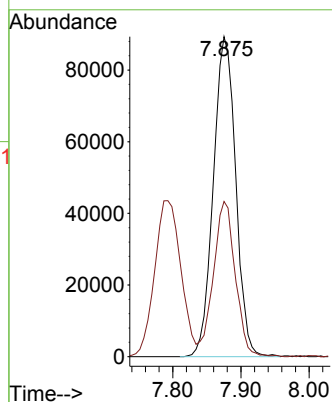
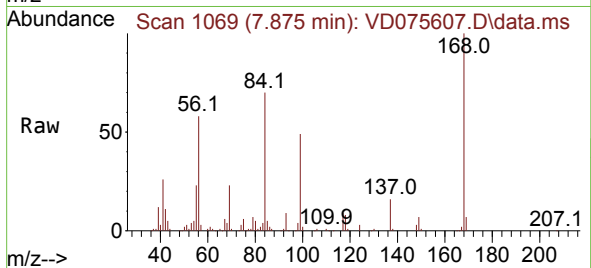
VSTDCCC050EC

Tgt Ion:168 Resp: 204027

Ion Ratio Lower Upper

168 100

99 48.3 43.8 65.6



#2

Dichlorodifluoromethane

Concen: 34.947 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD075607.D

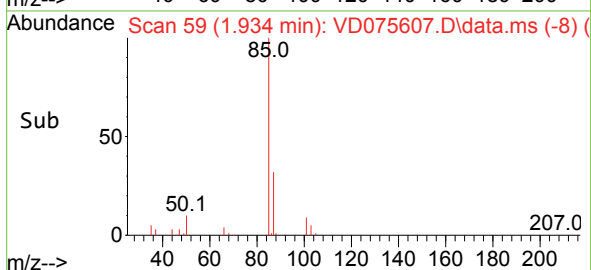
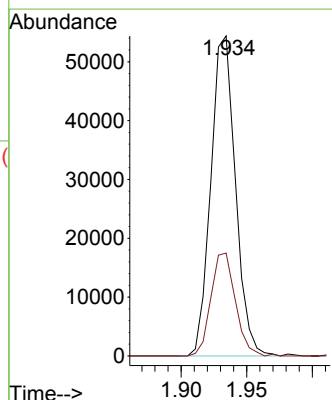
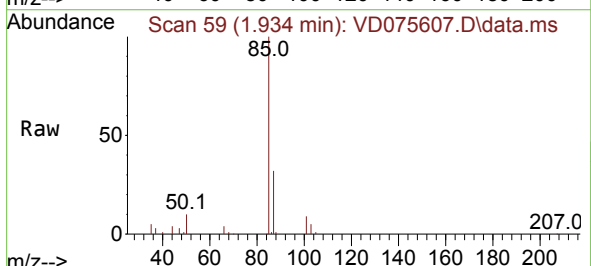
Acq: 07 Apr 2023 18:11

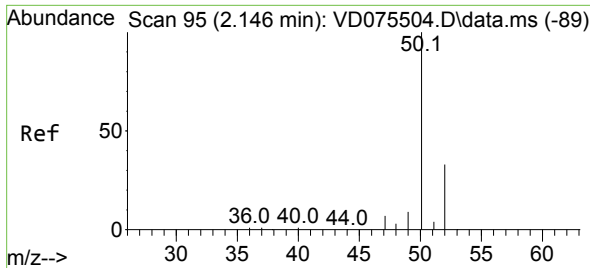
Tgt Ion: 85 Resp: 71102

Ion Ratio Lower Upper

85 100

87 32.1 17.3 51.7

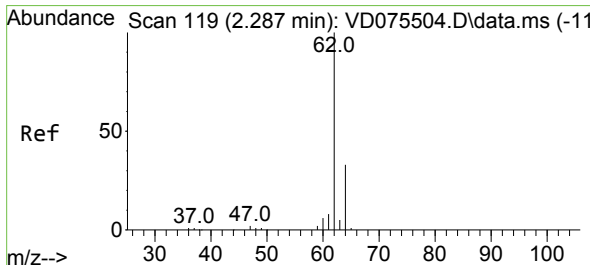
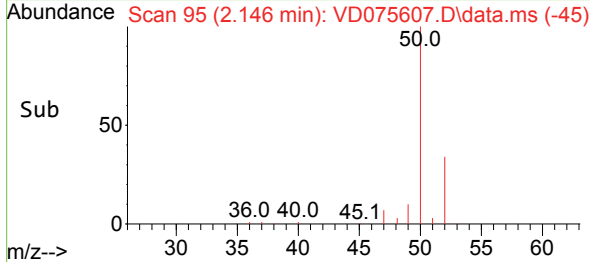
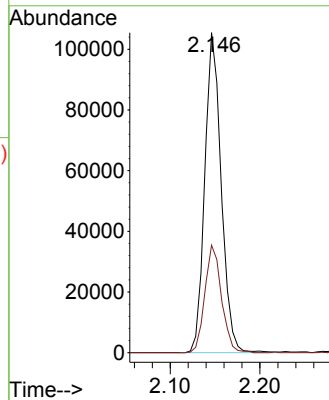
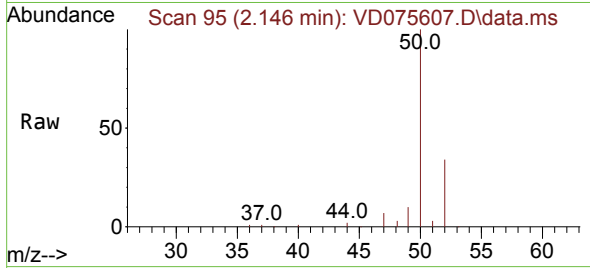




#3
Chloromethane
Concen: 43.248 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

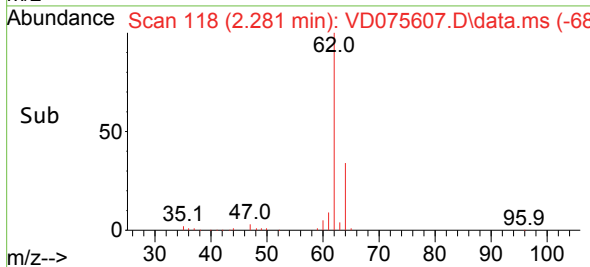
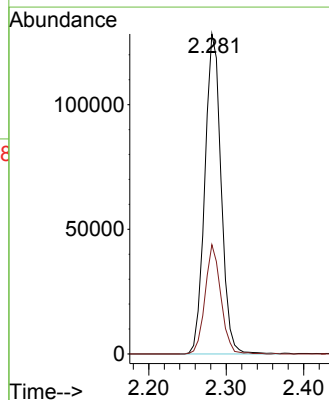
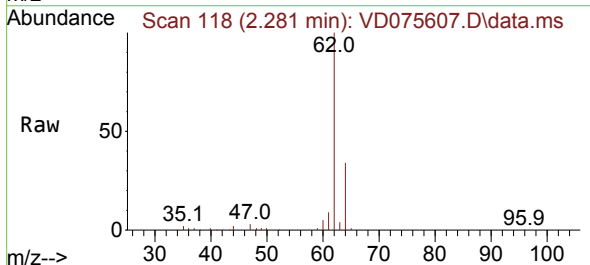
Instrument :
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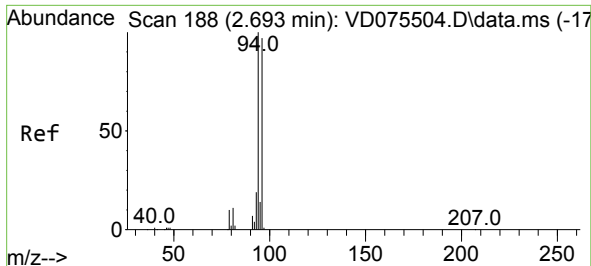
Tgt Ion: 50 Resp: 134078
Ion Ratio Lower Upper
50 100
52 33.6 27.8 41.8



#4
Vinyl Chloride
Concen: 38.271 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion: 62 Resp: 187389
Ion Ratio Lower Upper
62 100
64 34.2 25.4 38.0

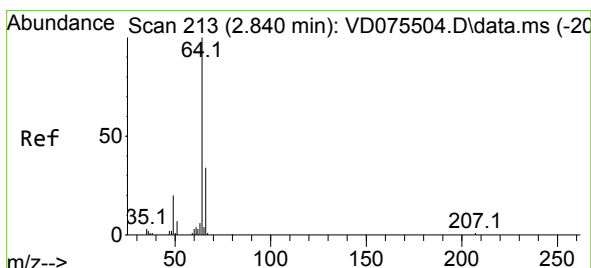
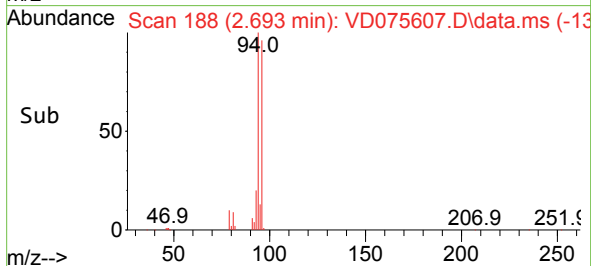
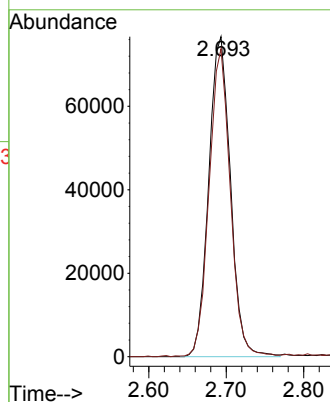
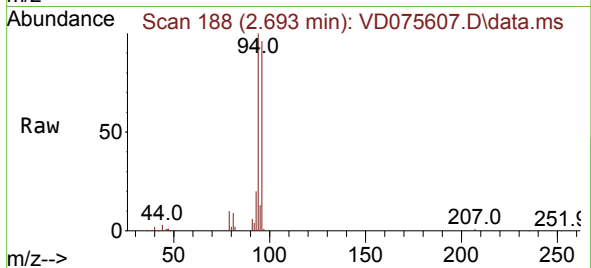




#5
Bromomethane
Concen: 39.001 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

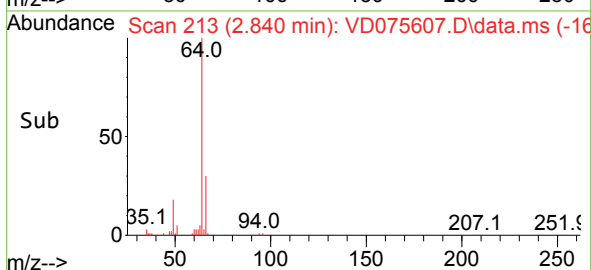
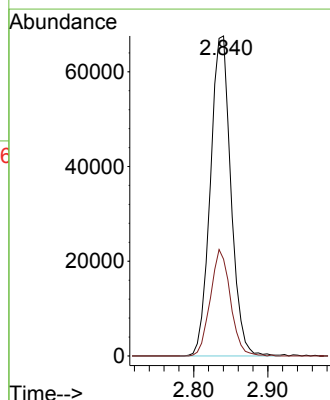
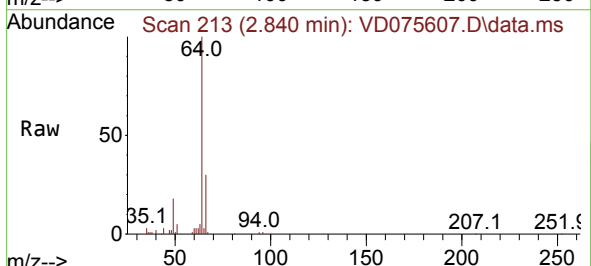
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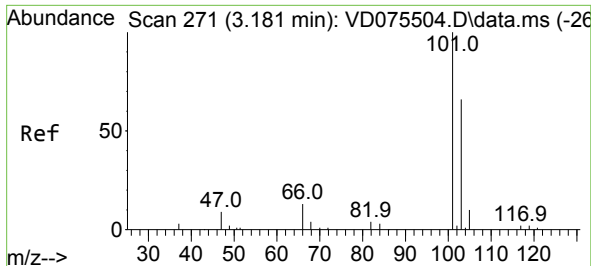
Tgt Ion: 94 Resp: 149605
Ion Ratio Lower Upper
94 100
96 93.9 77.5 116.3



#6
Chloroethane
Concen: 39.660 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion: 64 Resp: 130073
Ion Ratio Lower Upper
64 100
66 30.3 27.7 41.5

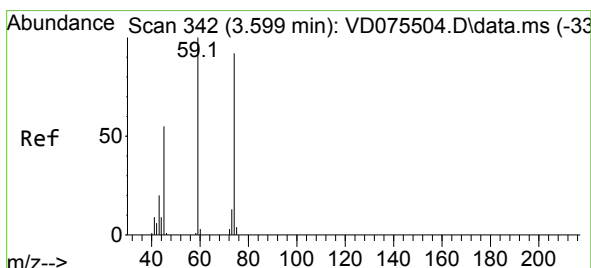
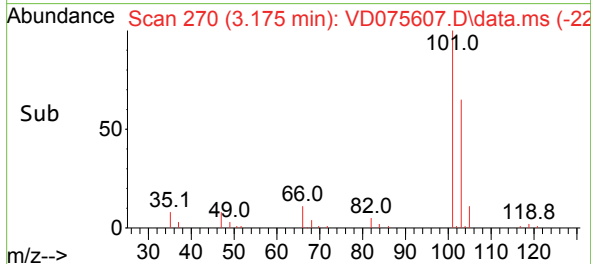
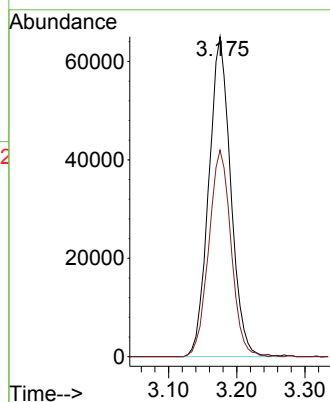
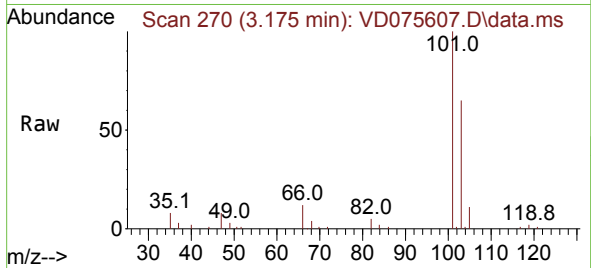




#7
 Trichlorofluoromethane
 Concen: 36.909 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD075607.D
 Acq: 07 Apr 2023 18:11

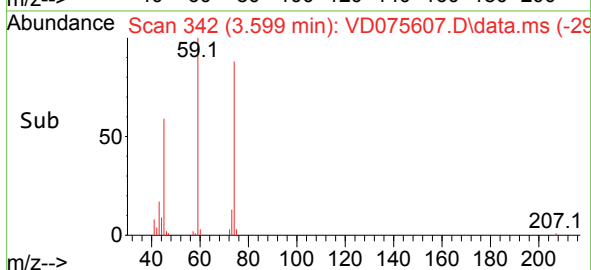
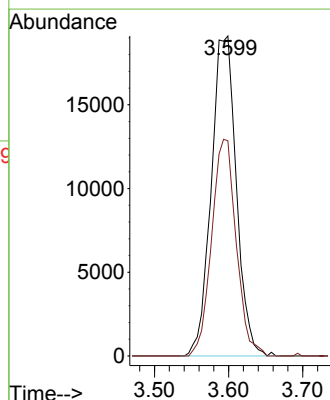
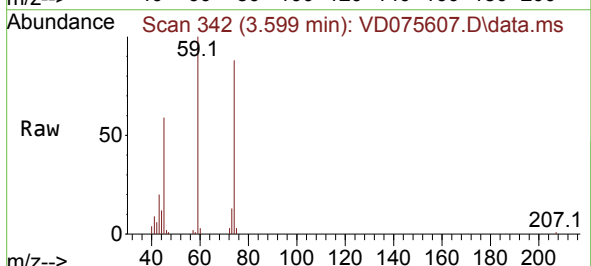
Instrument :
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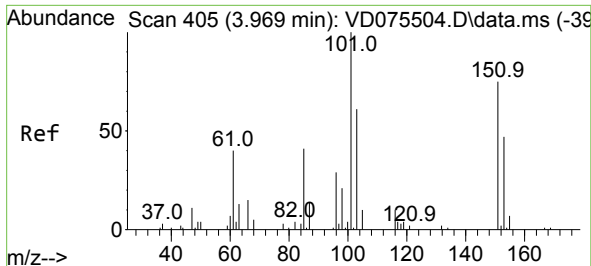
Tgt Ion:101 Resp: 145656
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.9 77.9



#8
 Diethyl Ether
 Concen: 42.711 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD075607.D
 Acq: 07 Apr 2023 18:11

Tgt Ion: 74 Resp: 44995
 Ion Ratio Lower Upper
 74 100
 45 66.2 50.9 152.7

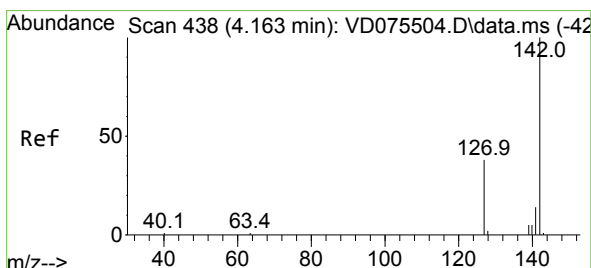
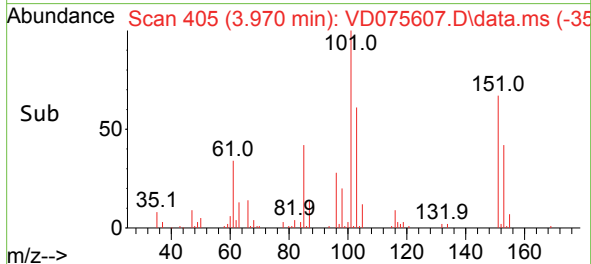
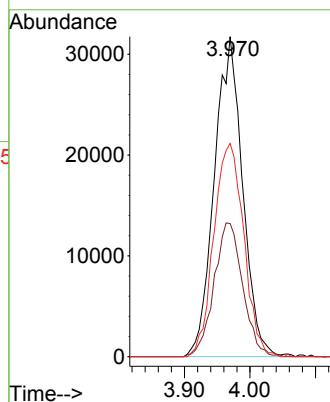
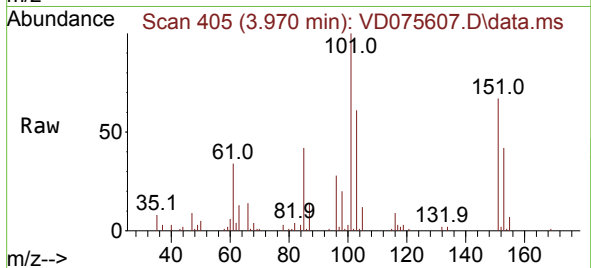




#9
1,1,2-Trichlorotrifluoroethane
Concen: 36.910 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

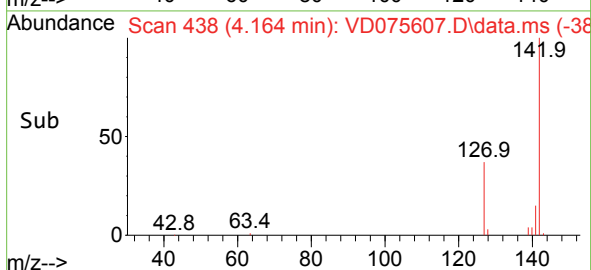
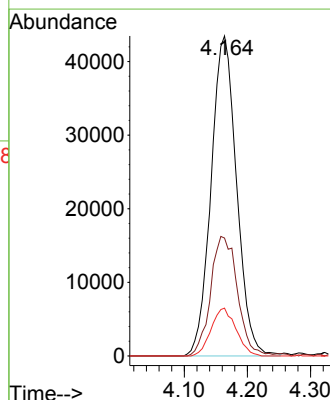
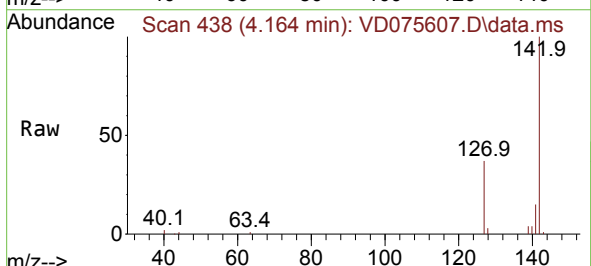
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

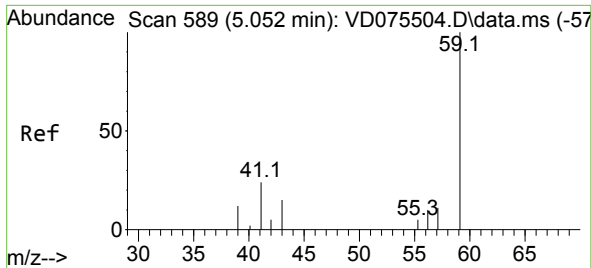
Tgt Ion:101 Resp: 94777
Ion Ratio Lower Upper
101 100
85 42.5 38.3 57.5
151 70.7 60.4 90.6



#10
Methyl Iodide
Concen: 39.892 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion:142 Resp: 122205
Ion Ratio Lower Upper
142 100
127 39.1 37.1 55.7
141 14.5 11.3 16.9

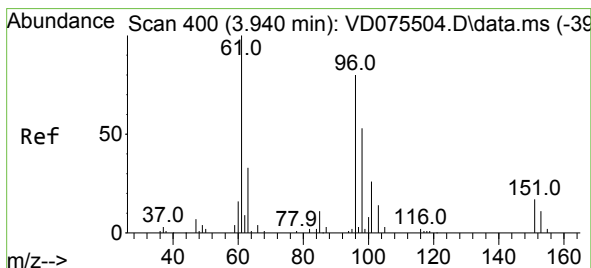
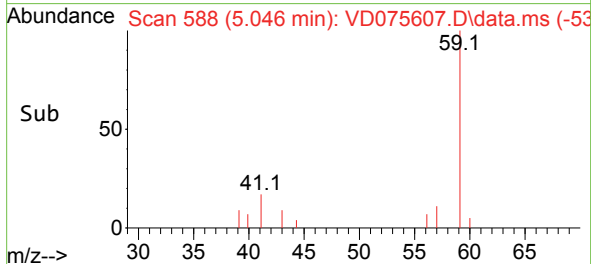
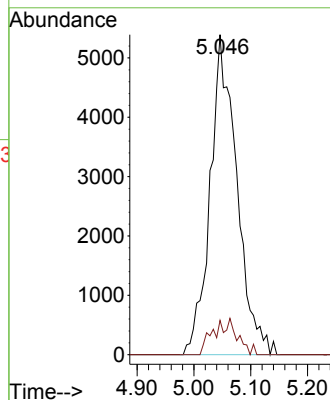
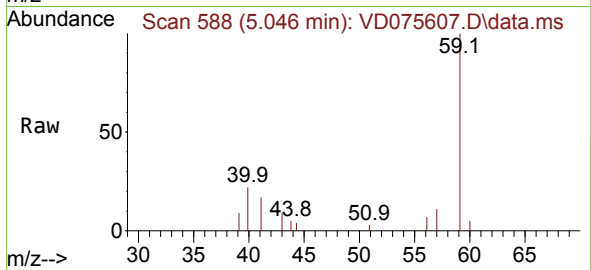




#11
Tert butyl alcohol
Concen: 205.854 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

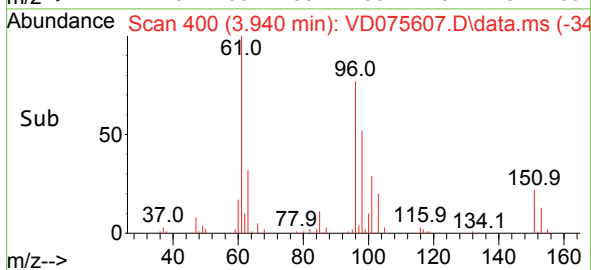
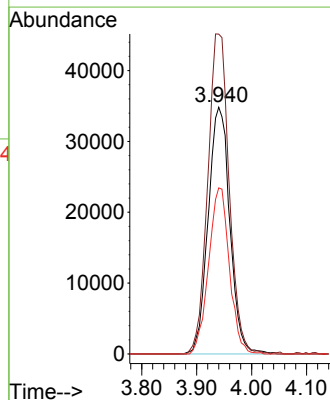
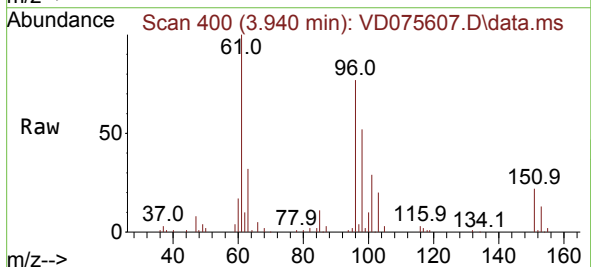
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

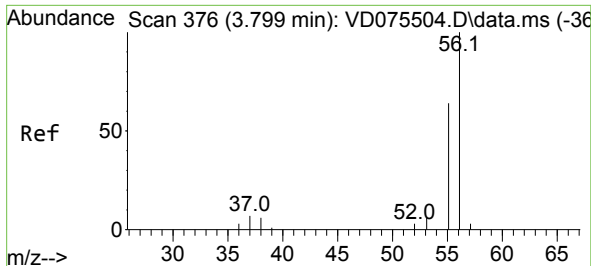
Tgt Ion: 59 Resp: 17598
Ion Ratio Lower Upper
59 100
57 5.1 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 37.597 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion: 96 Resp: 95342
Ion Ratio Lower Upper
96 100
61 129.7 118.6 177.8
98 67.3 49.7 74.5





#13

Acrolein

Concen: 163.334 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD075607.D

Acq: 07 Apr 2023 18:11

Instrument :

MSVOA_D

ClientSampleId :

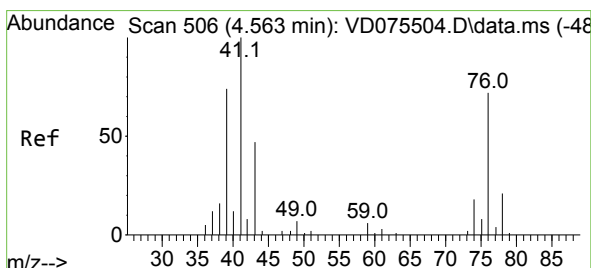
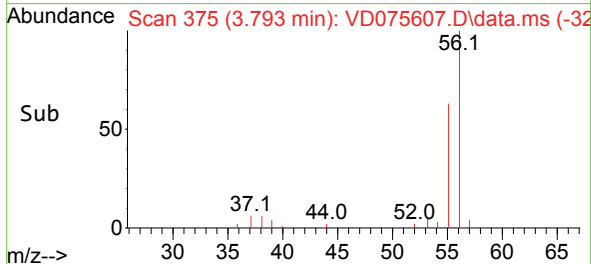
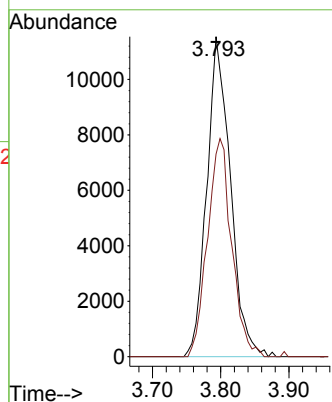
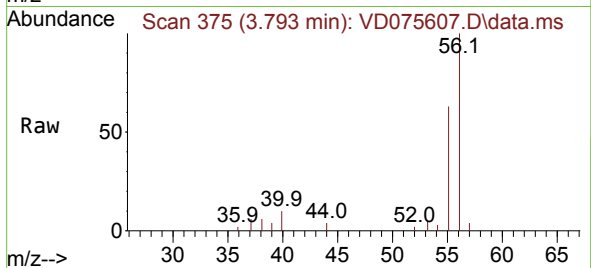
VSTDCCC050EC

Tgt Ion: 56 Resp: 27784

Ion Ratio Lower Upper

56 100

55 69.8 53.9 80.9



#14

Allyl chloride

Concen: 39.435 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD075607.D

Acq: 07 Apr 2023 18:11

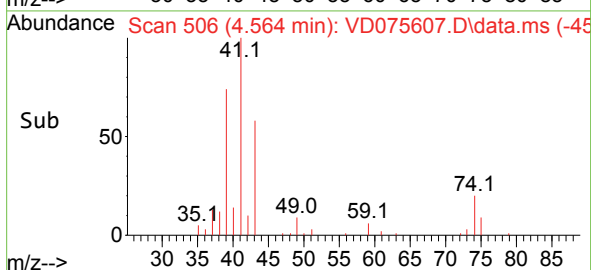
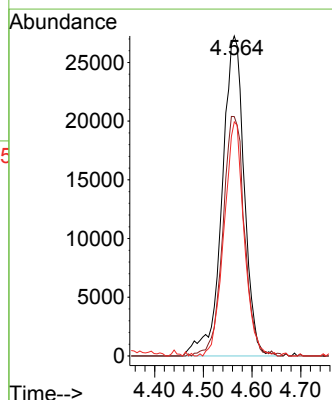
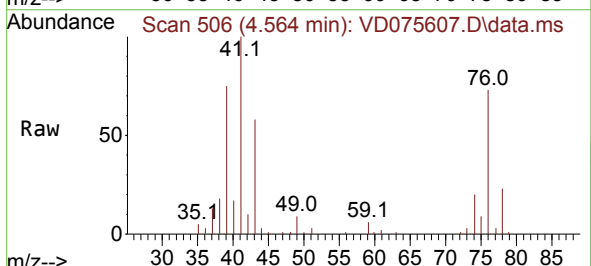
Tgt Ion: 41 Resp: 86042

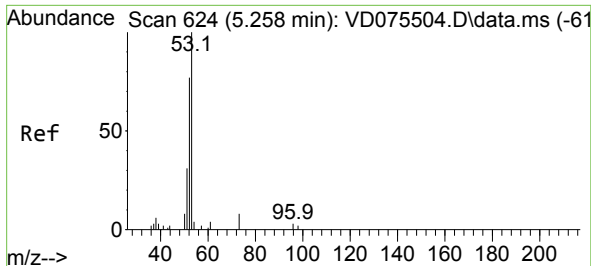
Ion Ratio Lower Upper

41 100

39 73.0 60.6 90.8

76 66.6 28.6 43.0#

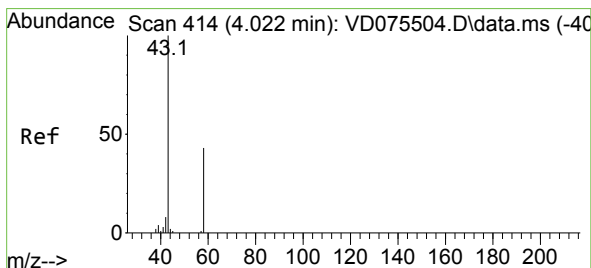
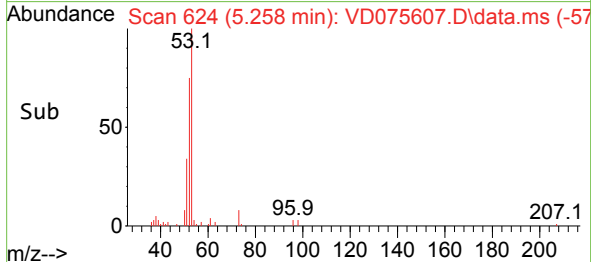
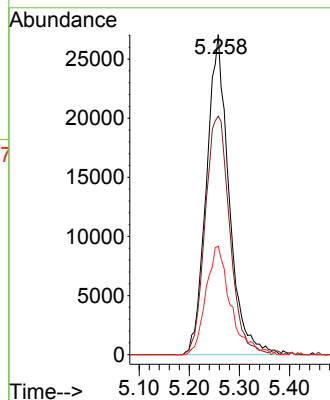
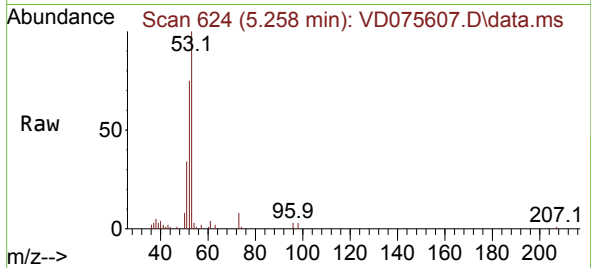




#15
Acrylonitrile
Concen: 219.160 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

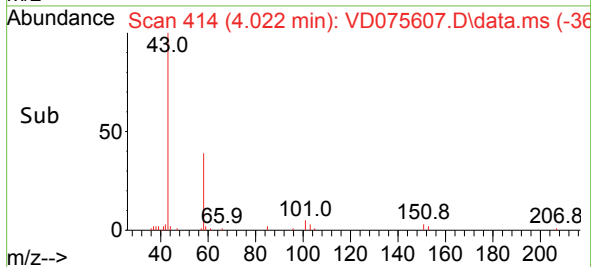
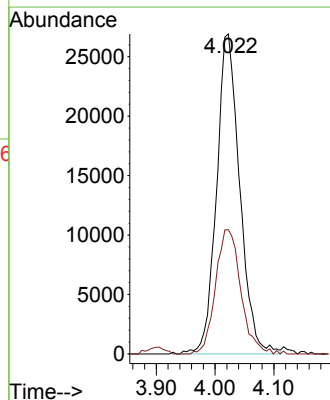
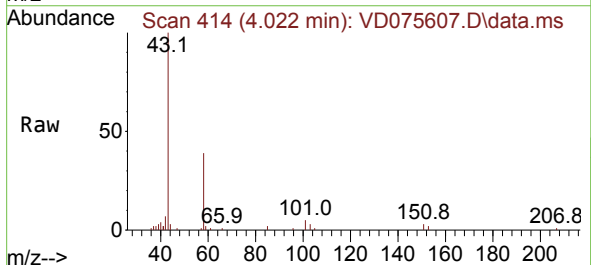
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

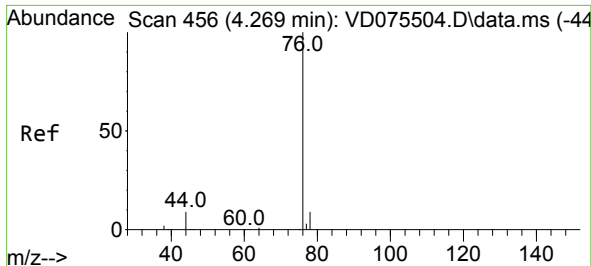
Tgt Ion: 53 Resp: 84663
Ion Ratio Lower Upper
53 100
52 81.2 66.2 99.4
51 36.9 30.7 46.1



#16
Acetone
Concen: 233.709 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion: 43 Resp: 73710
Ion Ratio Lower Upper
43 100
58 38.9 24.4 36.6#

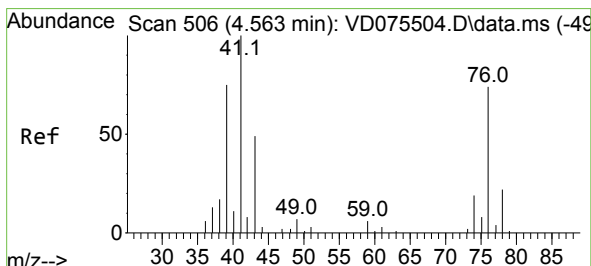
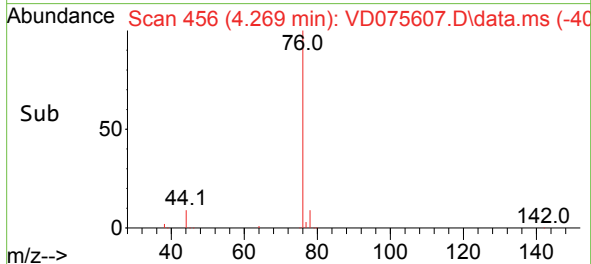
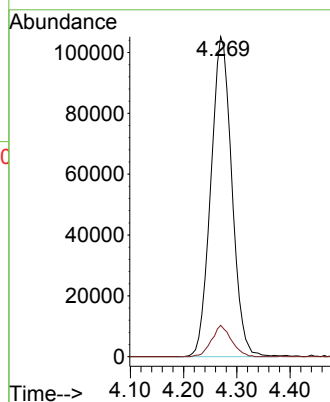
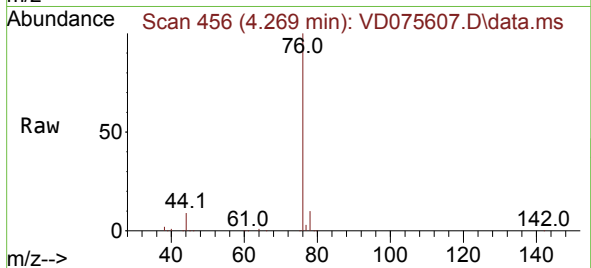




#17
Carbon Disulfide
Concen: 37.672 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

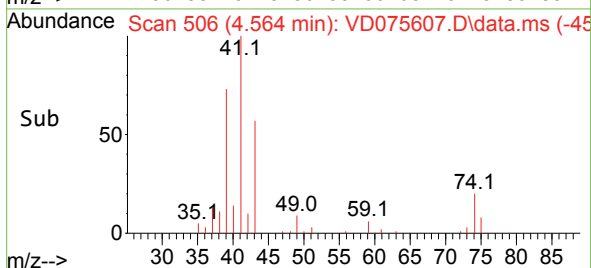
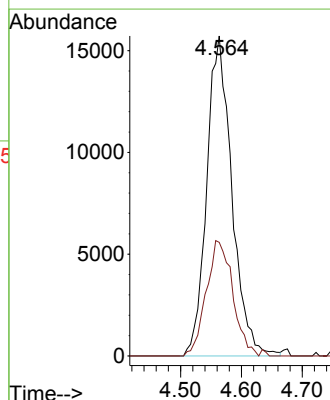
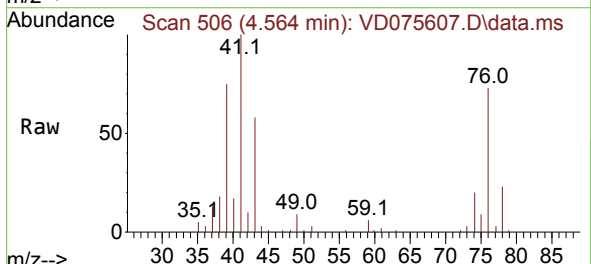
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

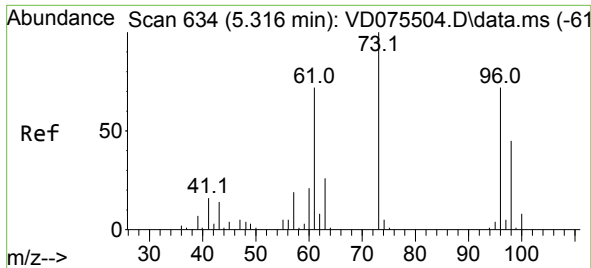
Tgt Ion: 76 Resp: 288230
Ion Ratio Lower Upper
76 100
78 9.8 8.0 12.0



#18
Methyl Acetate
Concen: 45.908 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion: 43 Resp: 44994
Ion Ratio Lower Upper
43 100
74 38.0 17.8 26.6#

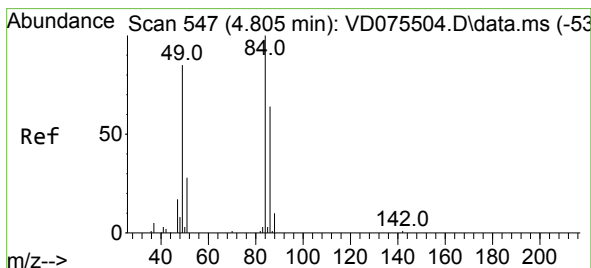
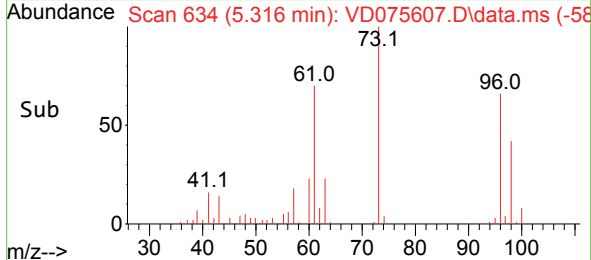
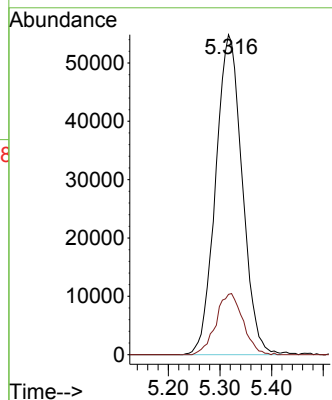
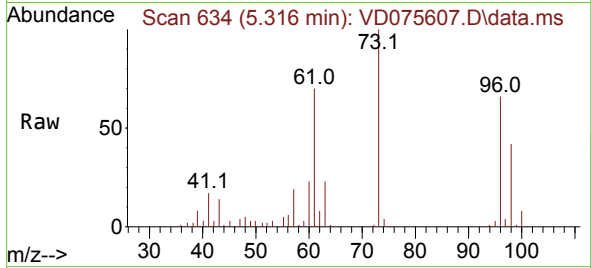




#19
Methyl tert-butyl Ether
Concen: 44.519 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

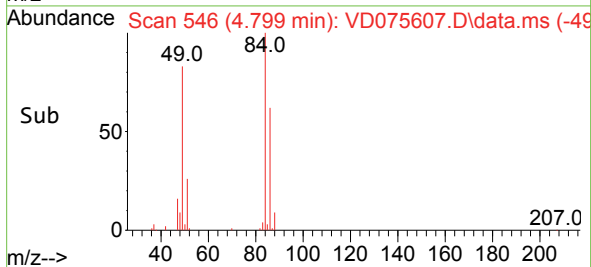
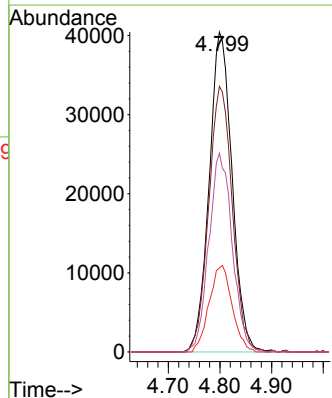
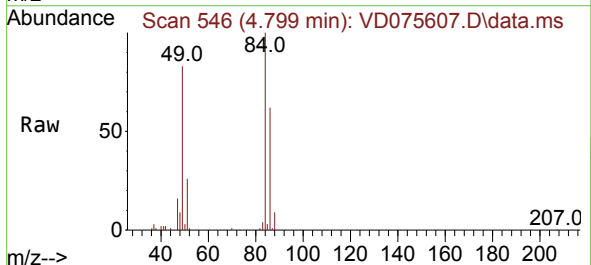
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

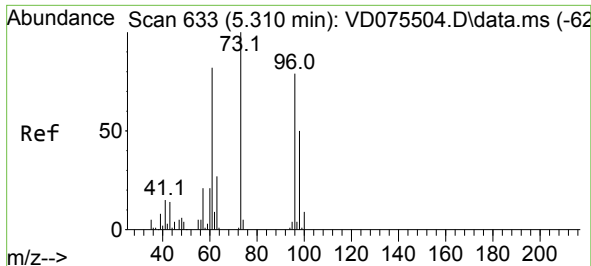
Tgt Ion: 73 Resp: 195775
Ion Ratio Lower Upper
73 100
57 18.8 17.2 25.8



#20
Methylene Chloride
Concen: 46.931 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion: 84 Resp: 124593
Ion Ratio Lower Upper
84 100
49 83.0 106.4 159.6#
51 26.2 32.4 48.6#
86 62.2 50.9 76.3

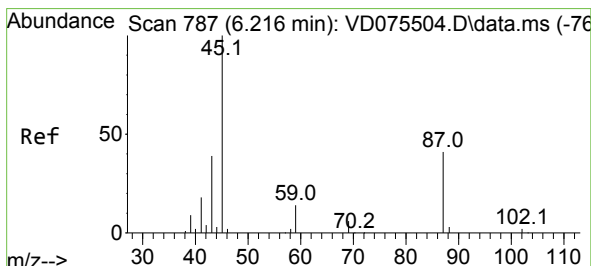
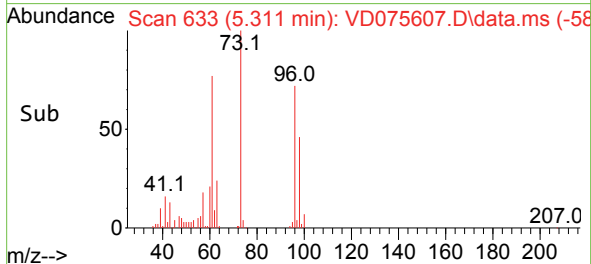
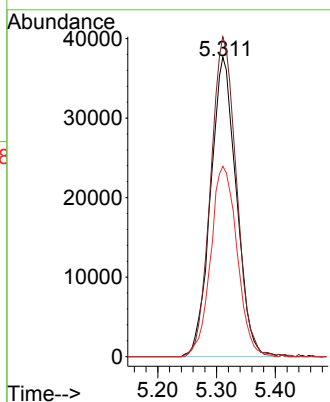
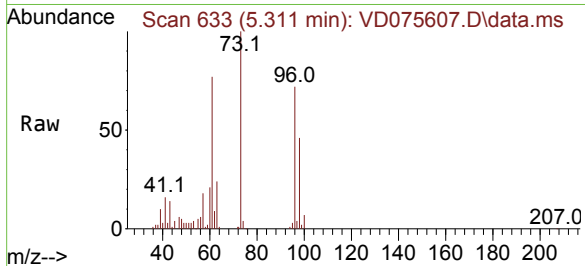




#21
trans-1,2-Dichloroethene
Concen: 39.753 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

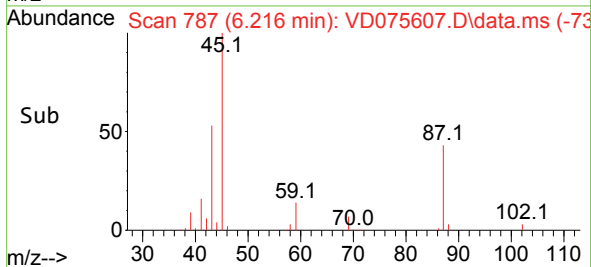
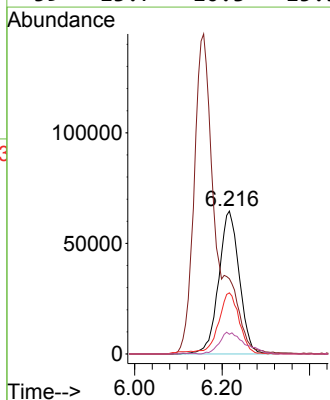
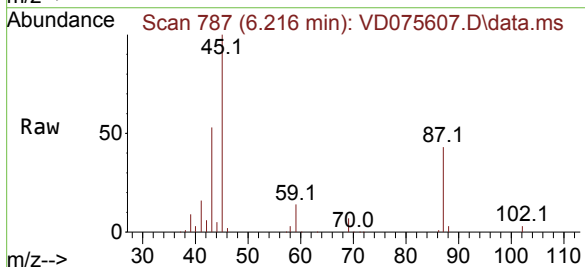
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

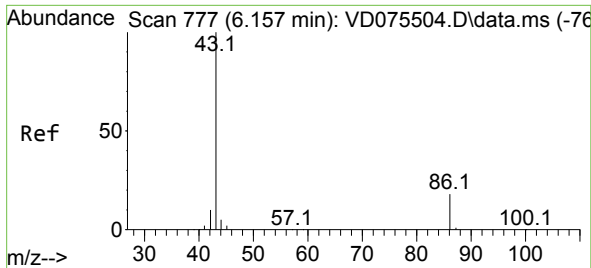
Tgt Ion: 96 Resp: 114598
Ion Ratio Lower Upper
96 100
61 106.9 117.2 175.8#
98 63.6 50.6 76.0



#22
Diisopropyl ether
Concen: 44.533 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion: 45 Resp: 210600
Ion Ratio Lower Upper
45 100
43 51.8 44.4 66.6
87 42.8 20.9 31.3#
59 13.7 10.3 15.5

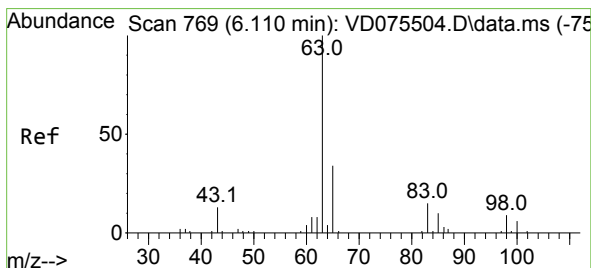
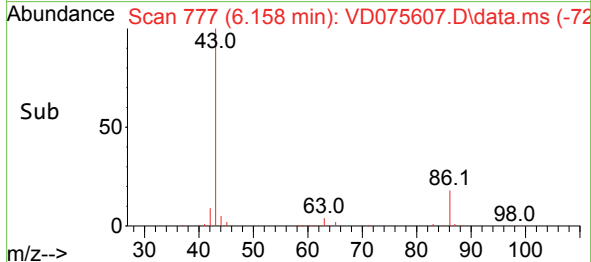
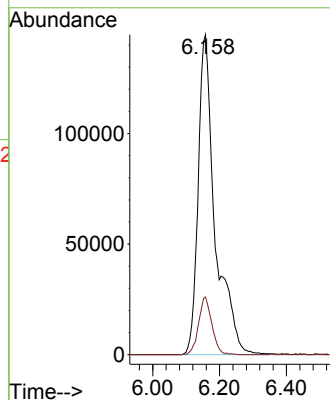
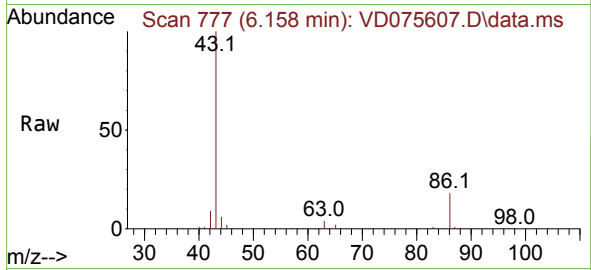




#23
 Vinyl Acetate
 Concen: 222.739 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD075607.D
 Acq: 07 Apr 2023 18:11

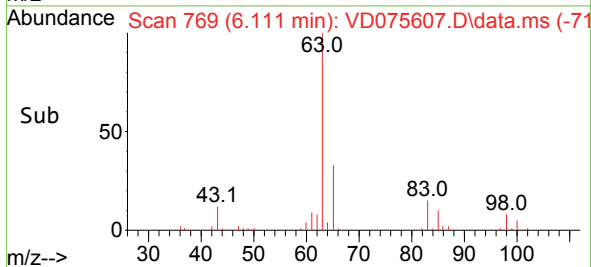
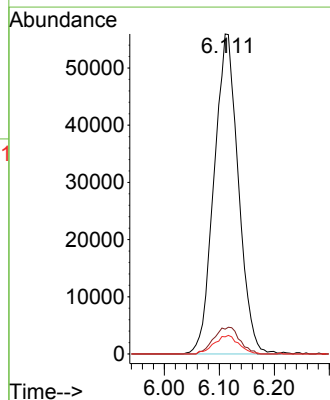
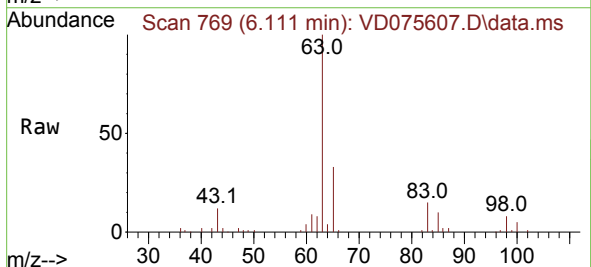
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

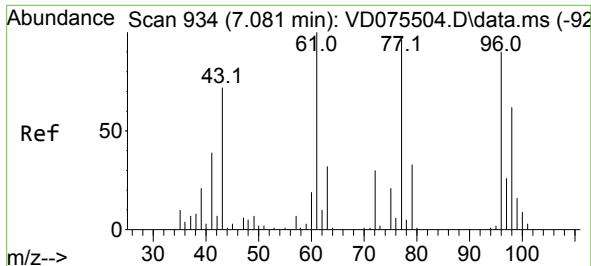
Tgt Ion: 43 Resp: 511196
 Ion Ratio Lower Upper
 43 100
 86 18.0 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 41.882 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD075607.D
 Acq: 07 Apr 2023 18:11

Tgt Ion: 63 Resp: 171557
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 5.4 2.0 6.0

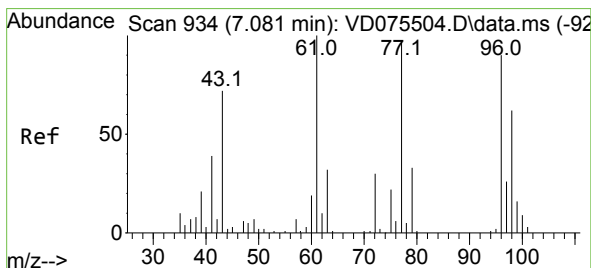
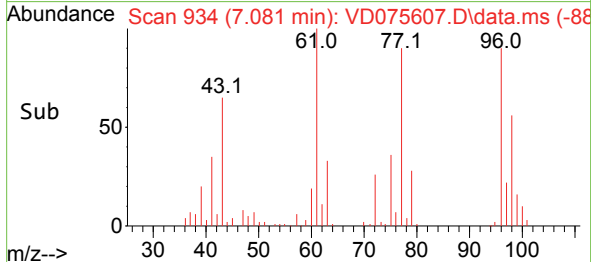
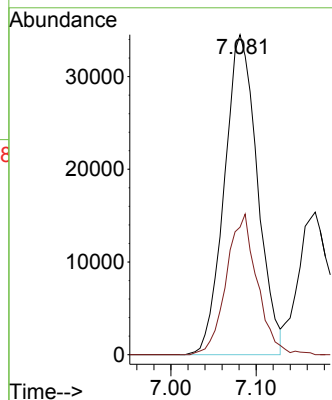
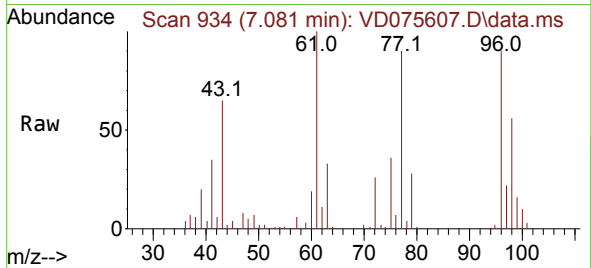




#25
2-Butanone
Concen: 215.074 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

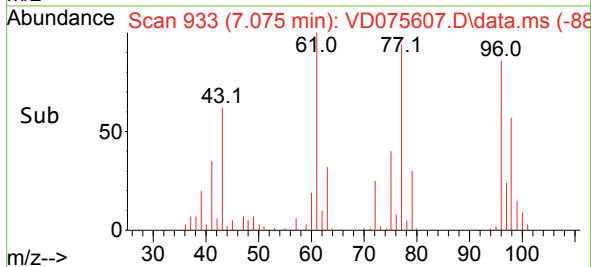
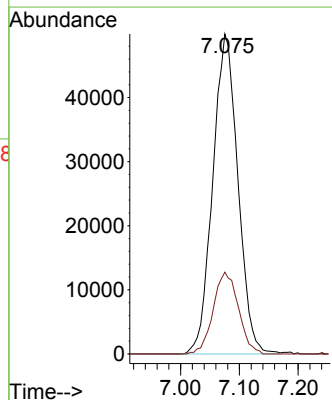
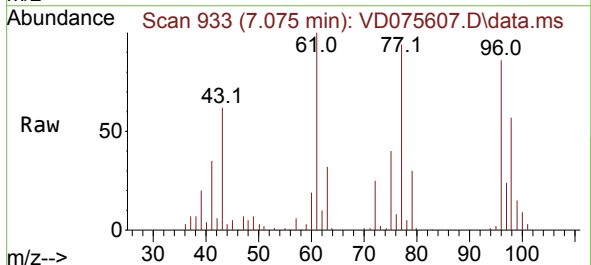
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

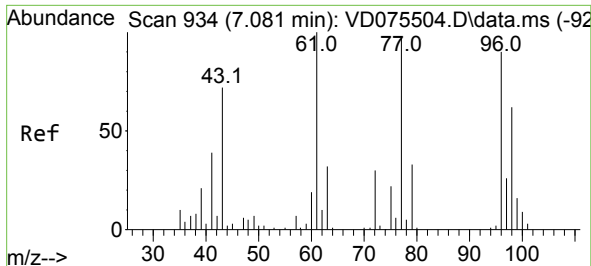
Tgt Ion: 43 Resp: 92844
Ion Ratio Lower Upper
43 100
72 39.8 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 39.309 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion: 77 Resp: 148097
Ion Ratio Lower Upper
77 100
97 25.6 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 41.803 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075607.D

Acq: 07 Apr 2023 18:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

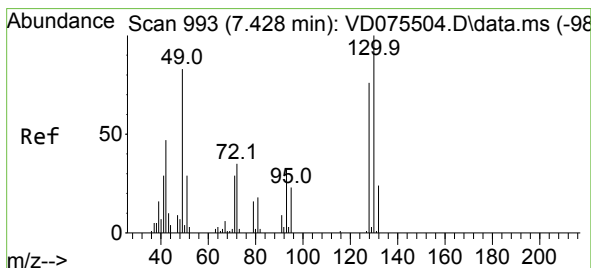
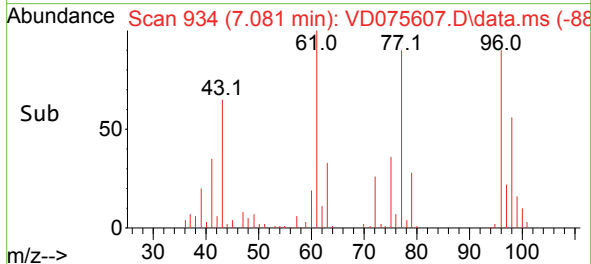
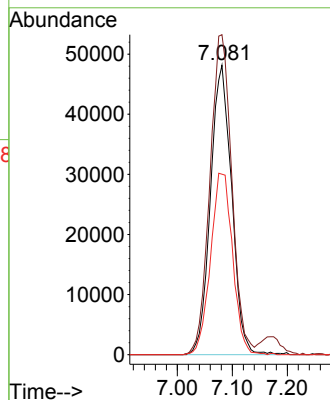
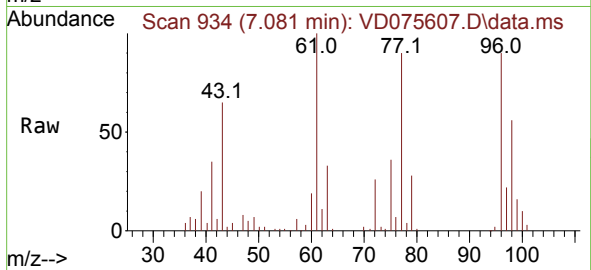
Tgt Ion: 96 Resp: 129135

Ion Ratio Lower Upper

96 100

61 114.2 0.0 295.2

98 65.1 0.0 129.2



#28

Bromochloromethane

Concen: 50.163 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD075607.D

Acq: 07 Apr 2023 18:11

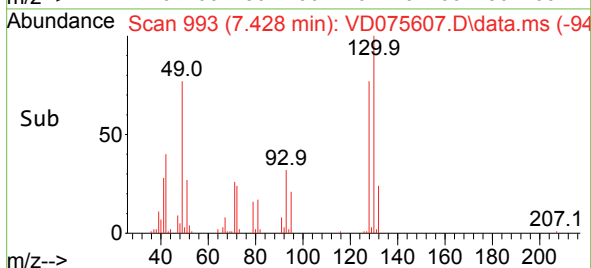
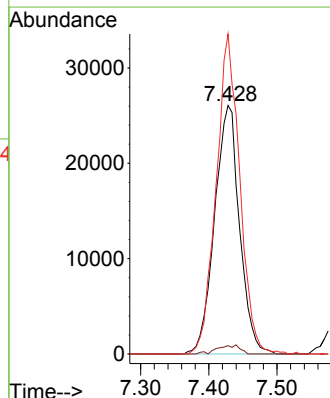
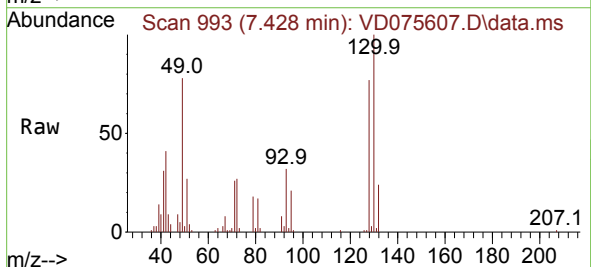
Tgt Ion: 49 Resp: 66244

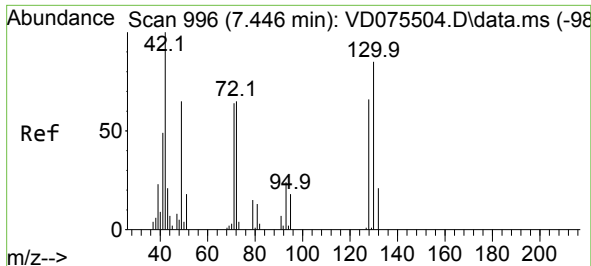
Ion Ratio Lower Upper

49 100

129 3.2 0.0 2.2#

130 122.3 56.0 84.0#





#29

Tetrahydrofuran

Concen: 251.869 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD075607.D

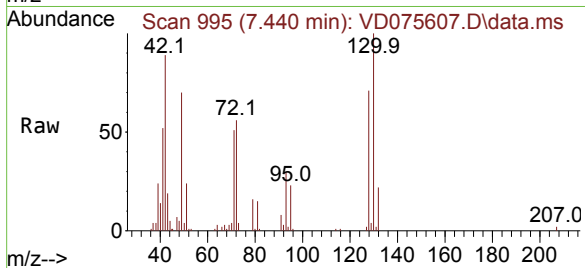
Acq: 07 Apr 2023 18:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



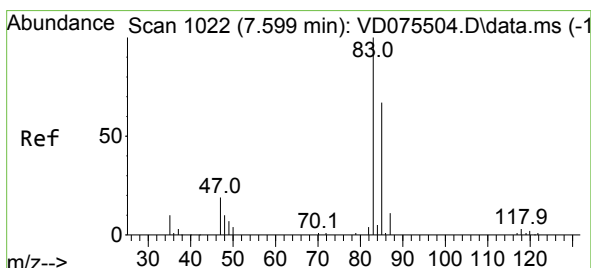
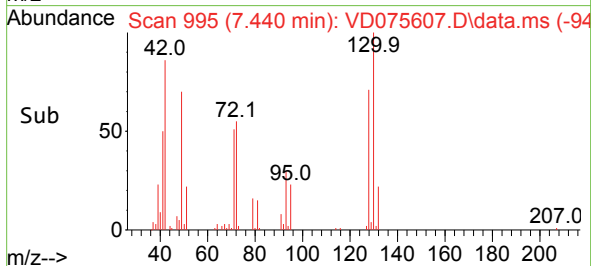
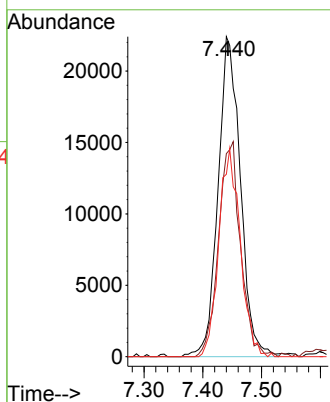
Tgt Ion: 42 Resp: 59176

Ion Ratio Lower Upper

42 100

72 66.2 31.8 47.6#

71 62.5 27.6 41.4#



#30

Chloroform

Concen: 48.291 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD075607.D

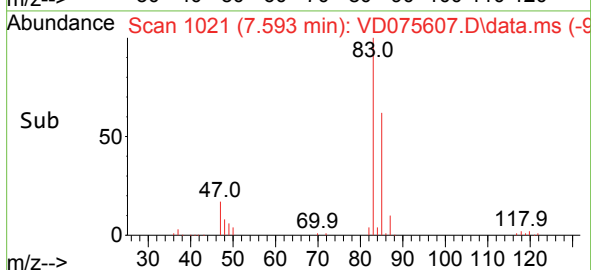
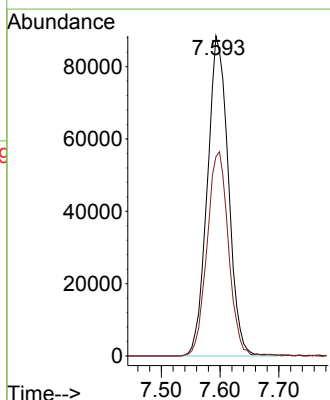
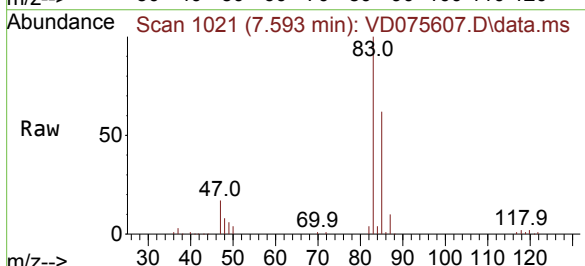
Acq: 07 Apr 2023 18:11

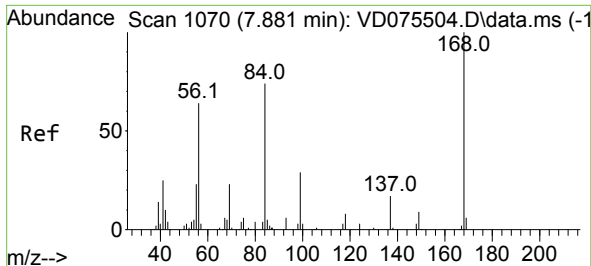
Tgt Ion: 83 Resp: 219691

Ion Ratio Lower Upper

83 100

85 62.3 49.4 74.2

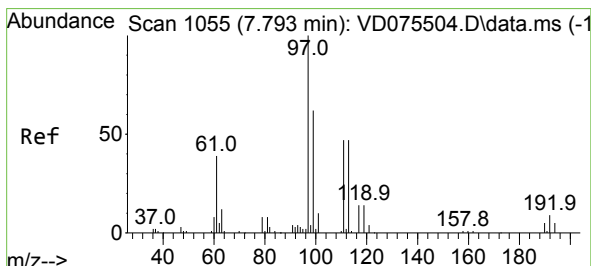
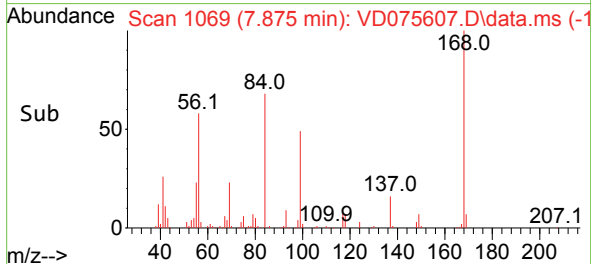
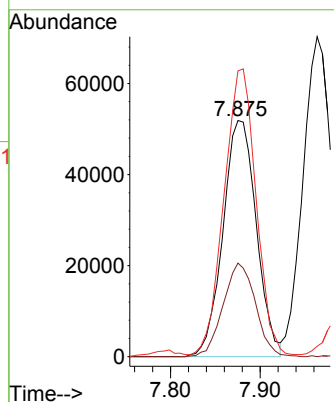
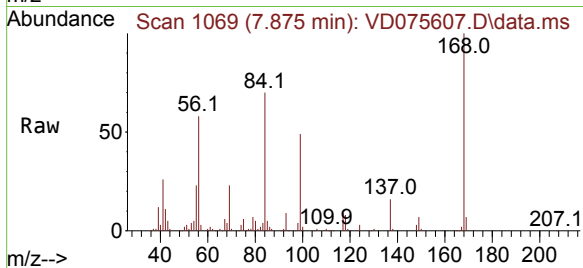




#31
Cyclohexane
Concen: 40.667 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

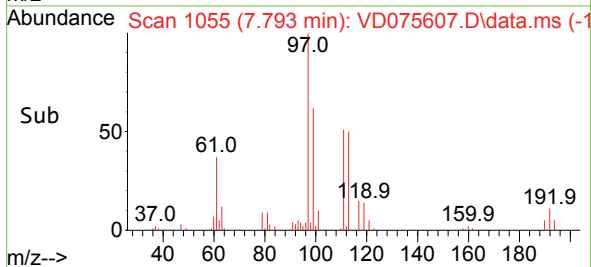
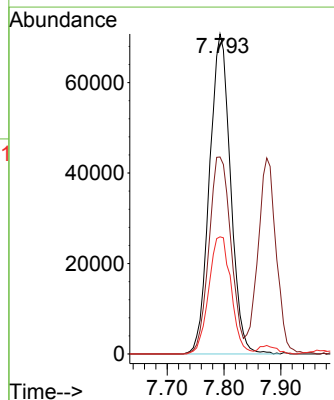
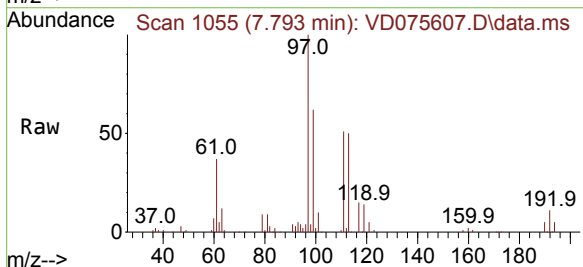
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

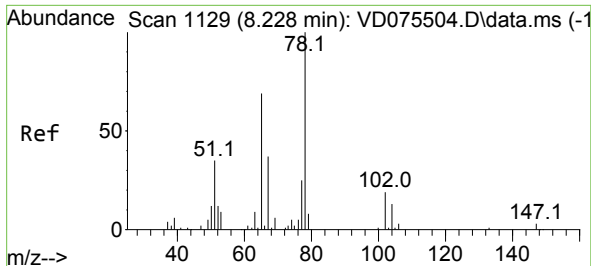
Tgt Ion: 56 Resp: 134102
Ion Ratio Lower Upper
56 100
69 39.6 25.5 38.3#
84 119.5 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 45.487 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion: 97 Resp: 181447
Ion Ratio Lower Upper
97 100
99 64.4 50.5 75.7
61 39.0 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 47.602 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD075607.D

Acq: 07 Apr 2023 18:11

Instrument :

MSVOA_D

ClientSampleId :

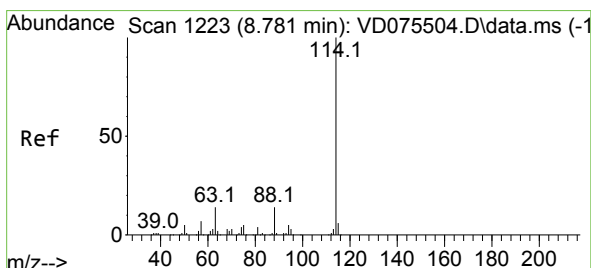
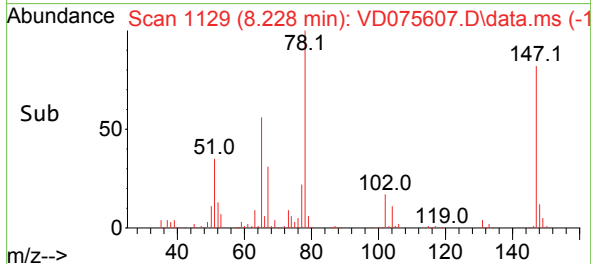
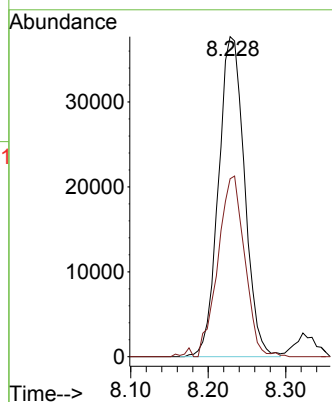
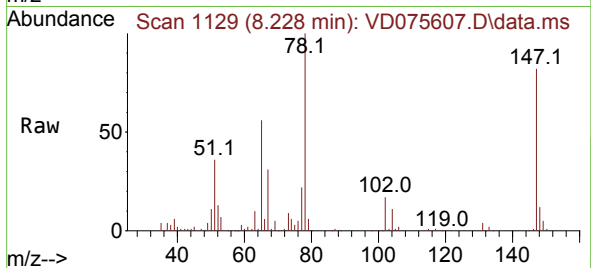
VSTDCCC050EC

Tgt Ion: 65 Resp: 88125

Ion Ratio Lower Upper

65 100

67 57.8 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075607.D

Acq: 07 Apr 2023 18:11

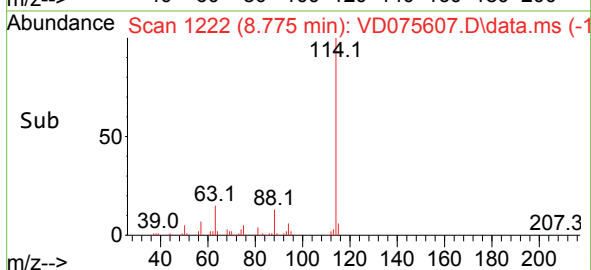
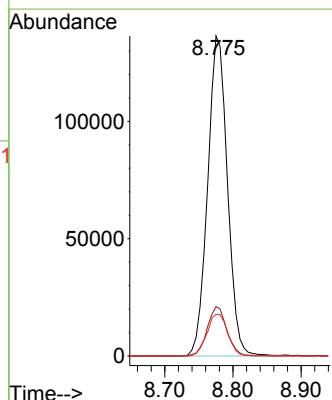
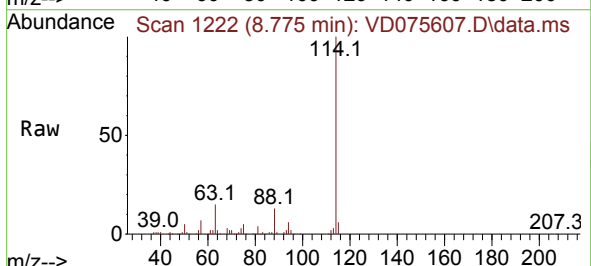
Tgt Ion: 114 Resp: 275447

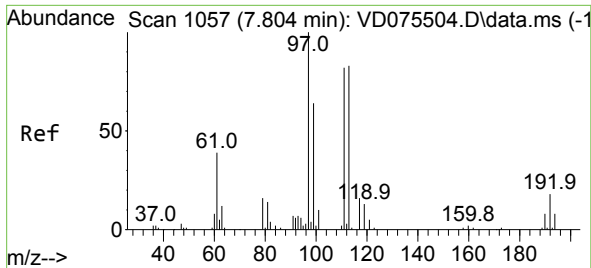
Ion Ratio Lower Upper

114 100

63 15.4 0.0 41.6

88 13.0 0.0 30.6

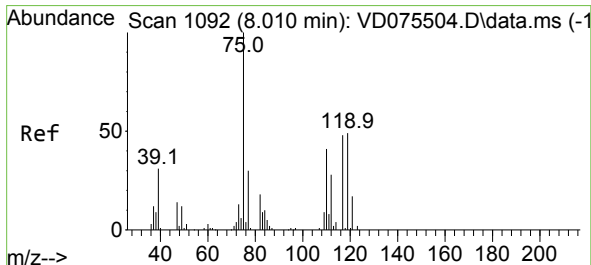
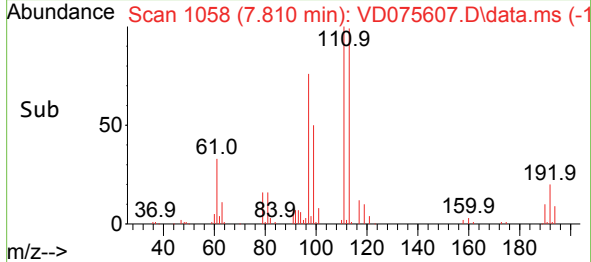
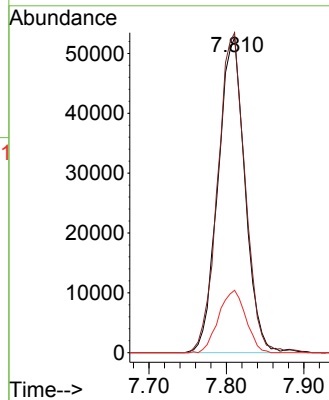
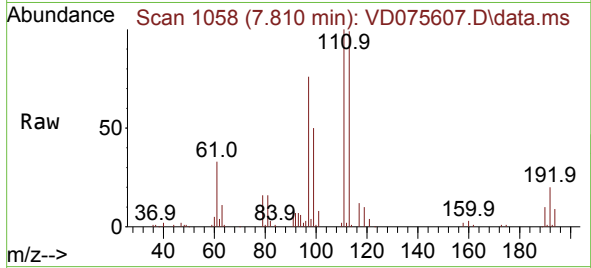




#35
Dibromofluoromethane
Concen: 67.323 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

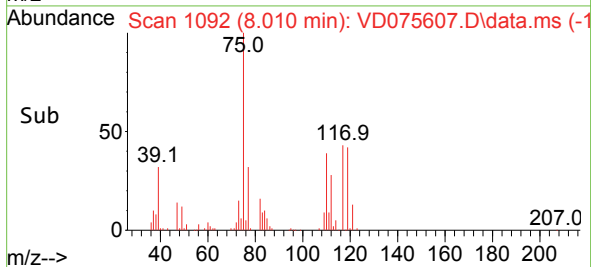
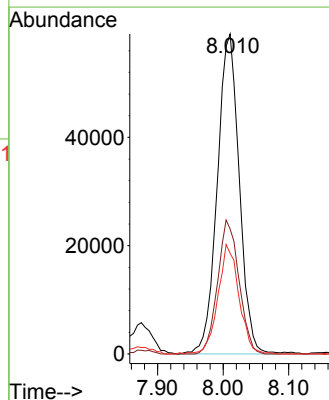
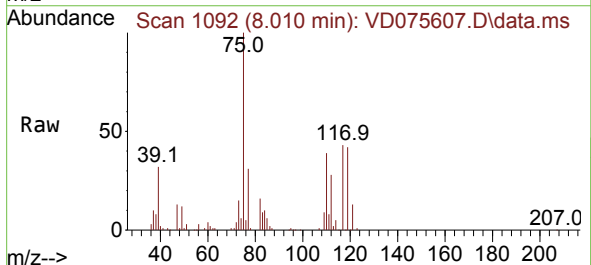
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

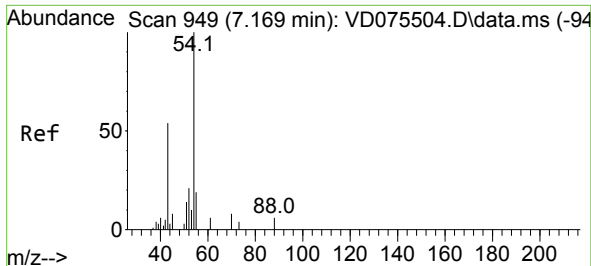
Tgt Ion:113 Resp: 127008
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 19.9 15.2 22.8



#36
1,1-Dichloropropene
Concen: 49.126 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion: 75 Resp: 137343
Ion Ratio Lower Upper
75 100
110 40.6 17.1 51.2
77 32.8 24.6 36.8

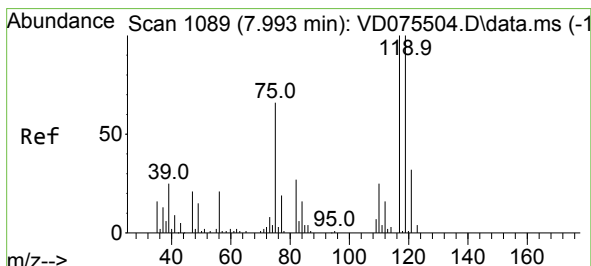
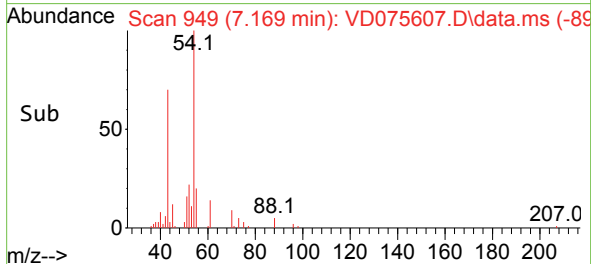
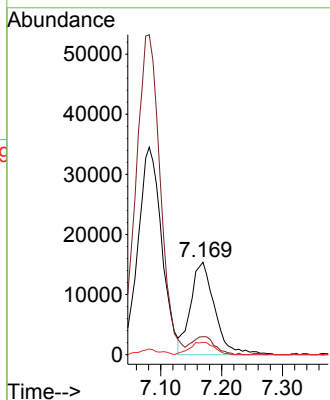
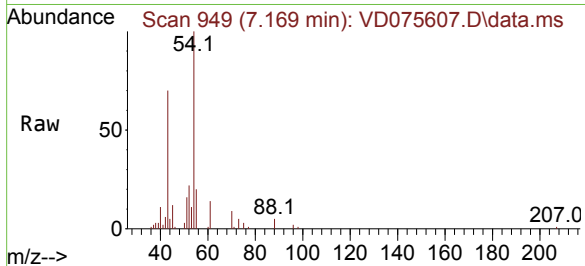




#37
Ethyl Acetate
Concen: 58.249 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

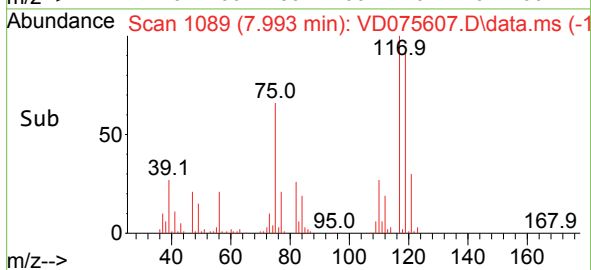
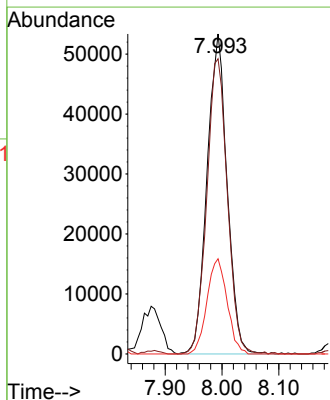
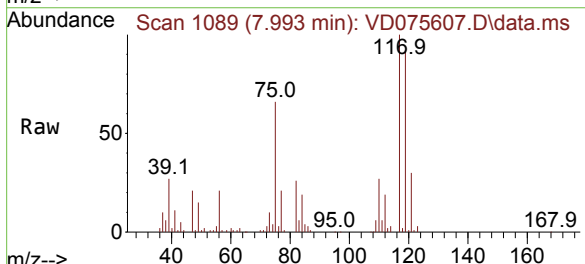
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

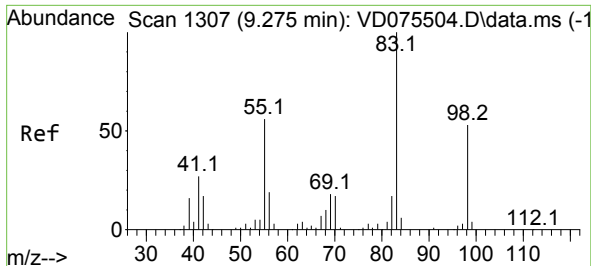
Tgt Ion: 43 Resp: 42431
Ion Ratio Lower Upper
43 100
61 18.8 0.0 0.0#
70 13.5 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 48.725 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion: 117 Resp: 130525
Ion Ratio Lower Upper
117 100
119 92.3 74.7 112.1
121 29.8 25.9 38.9





#39

Methylcyclohexane

Concen: 45.925 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075607.D

Acq: 07 Apr 2023 18:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

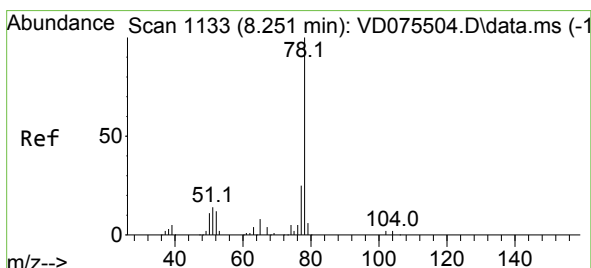
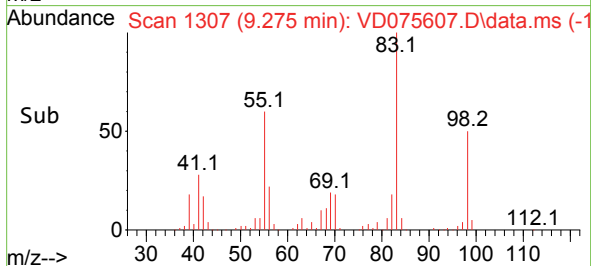
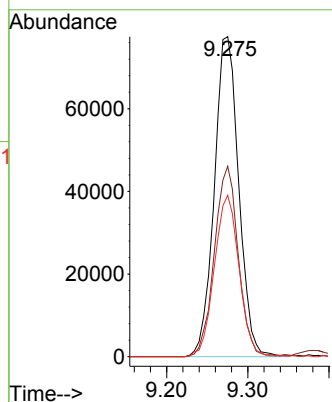
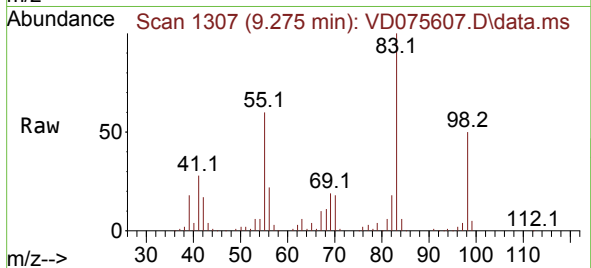
Tgt Ion: 83 Resp: 161883

Ion Ratio Lower Upper

83 100

55 59.5 56.8 85.2

98 50.4 38.9 58.3



#40

Benzene

Concen: 53.725 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075607.D

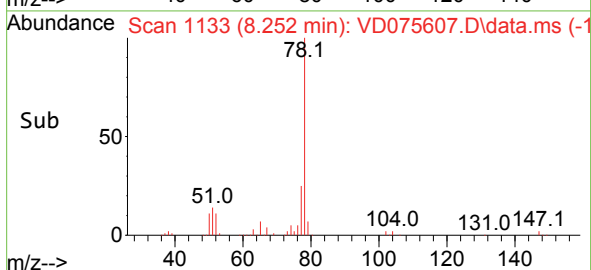
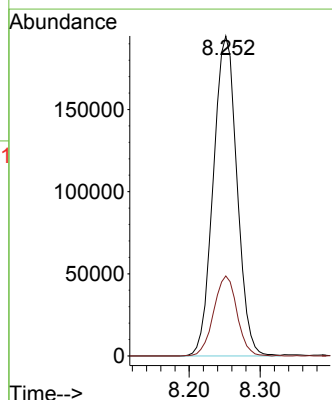
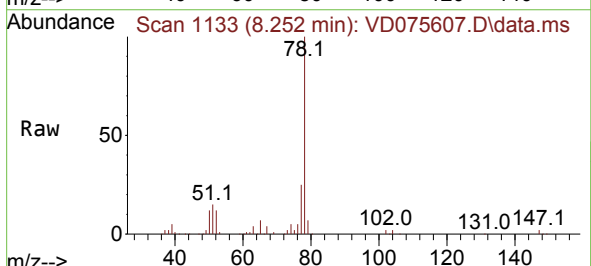
Acq: 07 Apr 2023 18:11

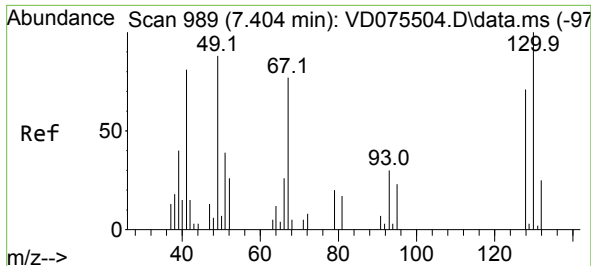
Tgt Ion: 78 Resp: 450137

Ion Ratio Lower Upper

78 100

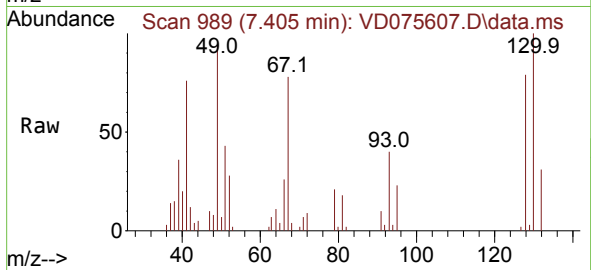
77 25.0 19.1 28.7



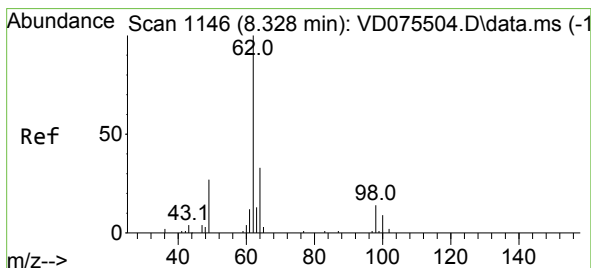
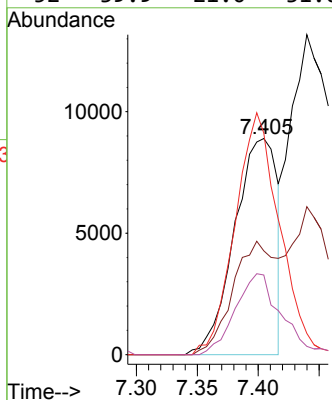
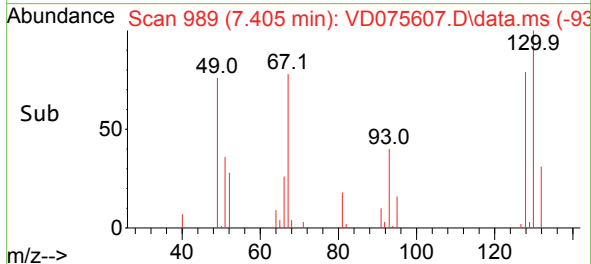


#41
Methacrylonitrile
Concen: 56.464 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

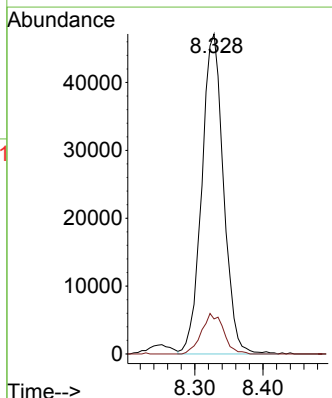
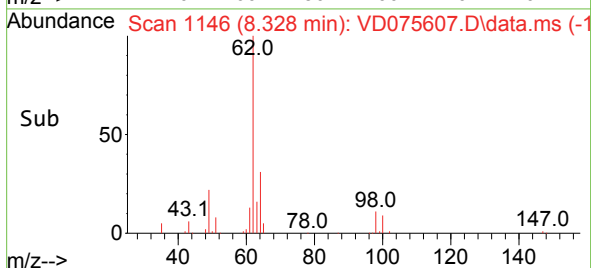
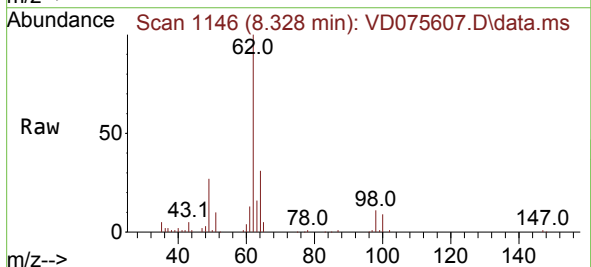


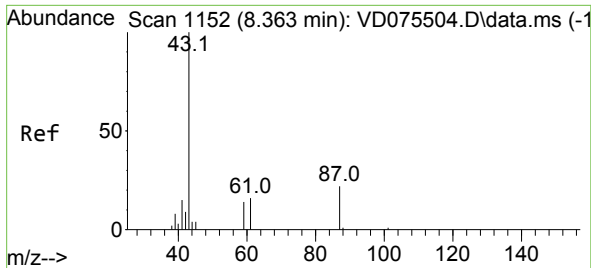
Tgt Ion: 41 Resp: 21674
Ion Ratio Lower Upper
41 100
39 53.1 45.3 67.9
67 116.6 50.5 75.7#
52 39.9 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 56.716 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion: 62 Resp: 104601
Ion Ratio Lower Upper
62 100
98 12.8 0.0 18.8

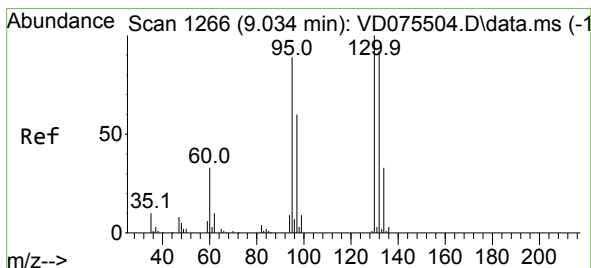
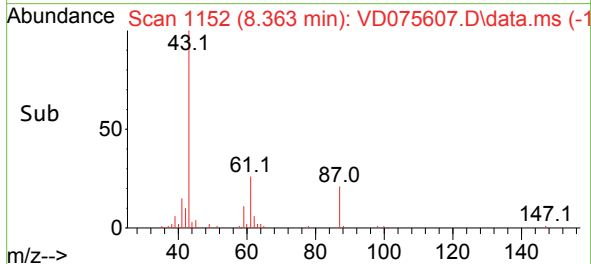
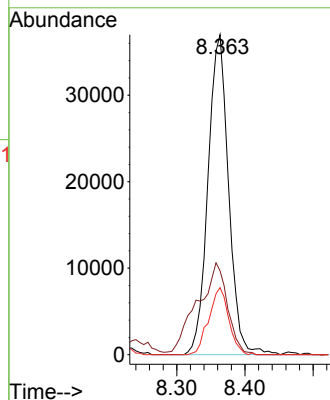
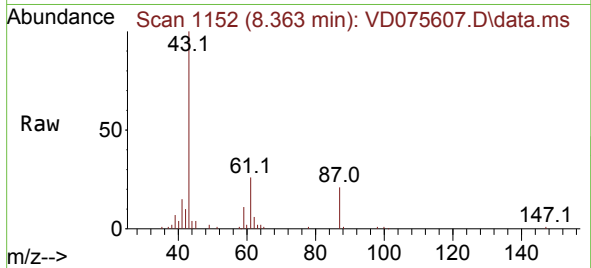




#43
Isopropyl Acetate
Concen: 57.717 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

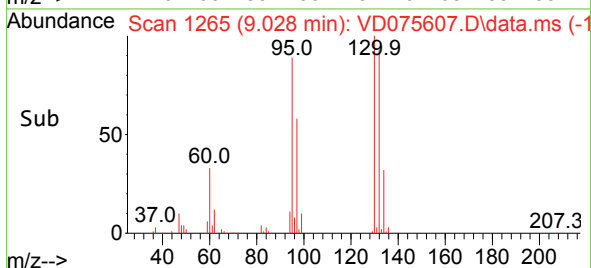
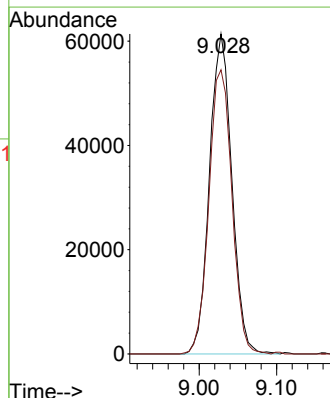
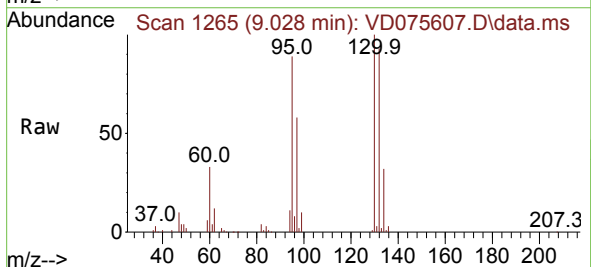
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

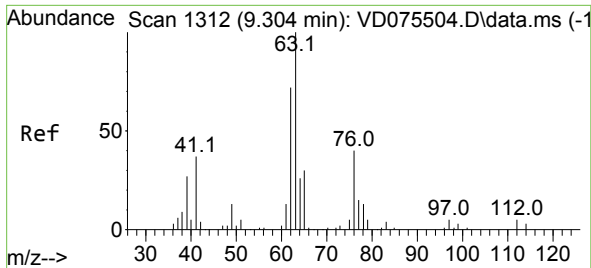
Tgt Ion: 43 Resp: 77798
Ion Ratio Lower Upper
43 100
61 42.0 23.4 35.0#
87 20.4 9.5 14.3#



#44
Trichloroethene
Concen: 49.995 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion:130 Resp: 123109
Ion Ratio Lower Upper
130 100
95 88.8 0.0 197.6

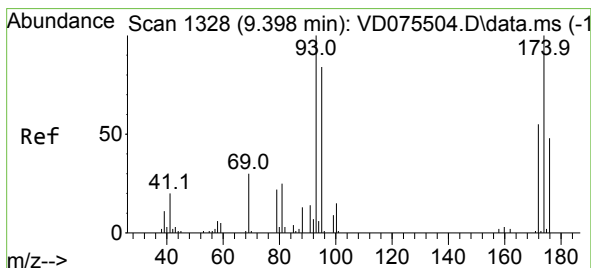
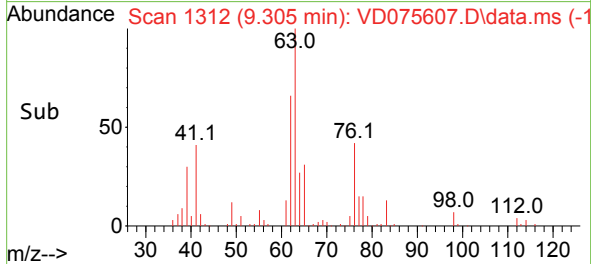
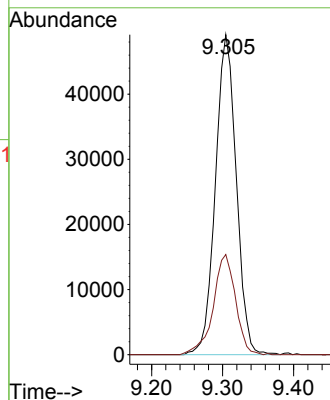
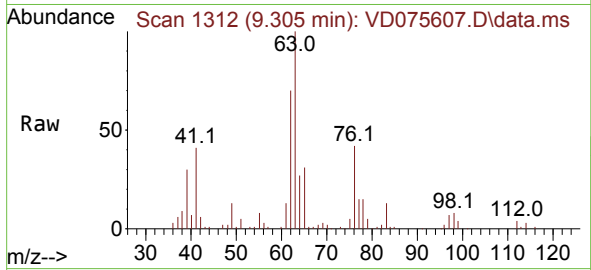




#45
1,2-Dichloropropane
Concen: 55.563 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

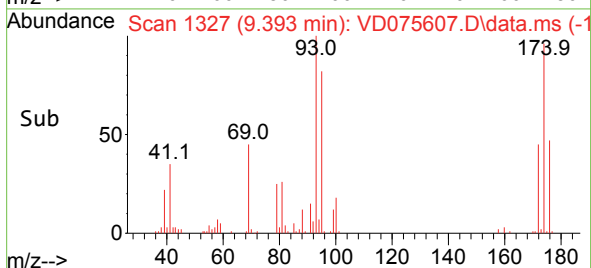
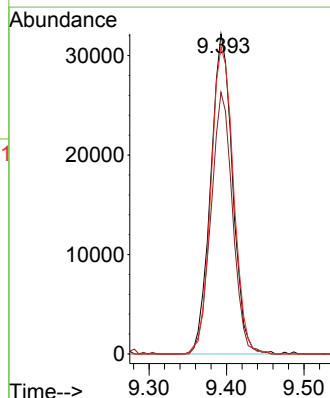
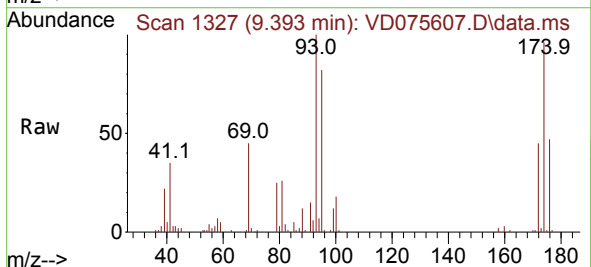
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

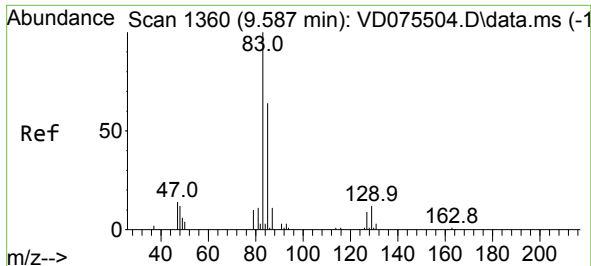
Tgt Ion: 63 Resp: 100077
Ion Ratio Lower Upper
63 100
65 31.3 23.0 34.4



#46
Dibromomethane
Concen: 56.864 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion: 93 Resp: 63126
Ion Ratio Lower Upper
93 100
95 80.5 64.5 96.7
174 98.4 76.2 114.4

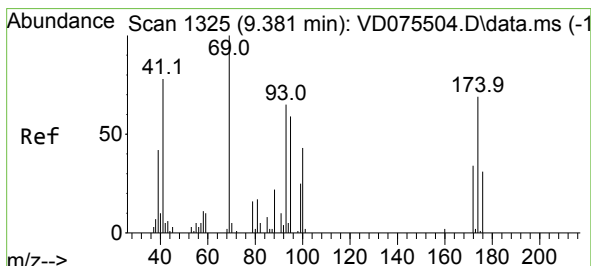
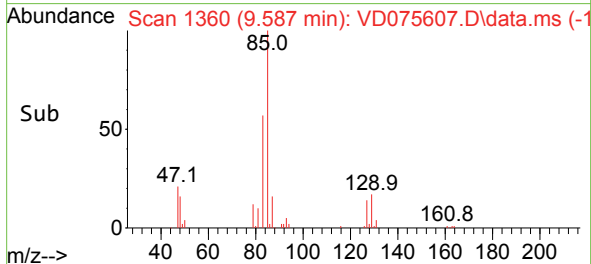
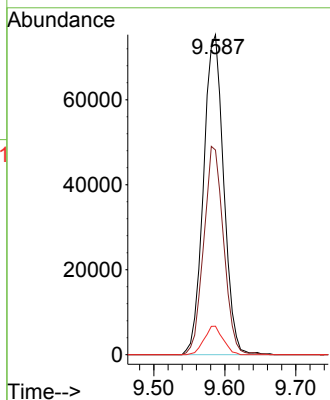
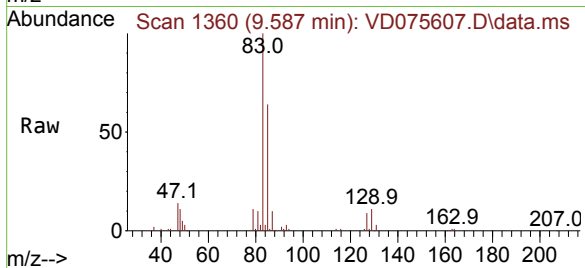




#47
Bromodichloromethane
Concen: 55.261 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

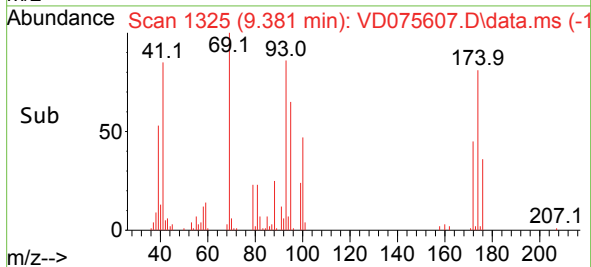
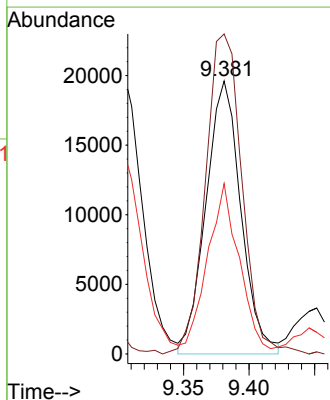
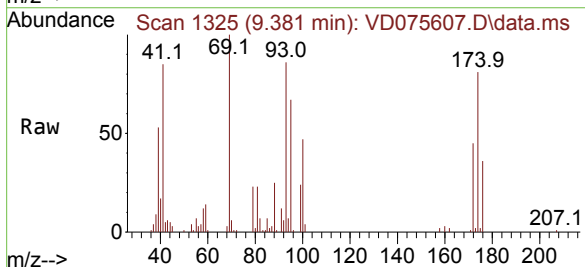
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

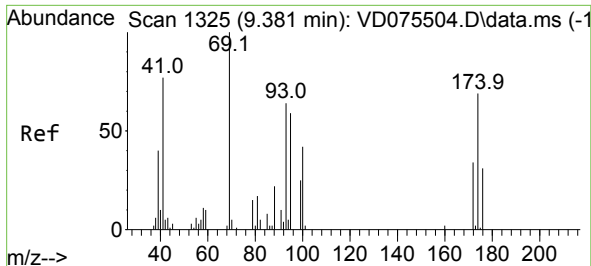
Tgt Ion: 83 Resp: 148550
Ion Ratio Lower Upper
83 100
85 63.9 53.7 80.5
127 8.9 7.0 10.6



#48
Methyl methacrylate
Concen: 57.512 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion: 41 Resp: 36418
Ion Ratio Lower Upper
41 100
69 122.2 58.6 88.0#
39 57.5 53.4 80.0





#49

1,4-Dioxane

Concen: 1091.020 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075607.D

Acq: 07 Apr 2023 18:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

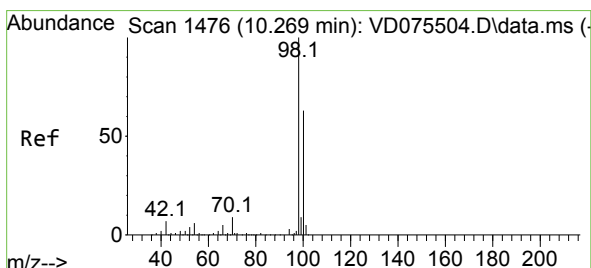
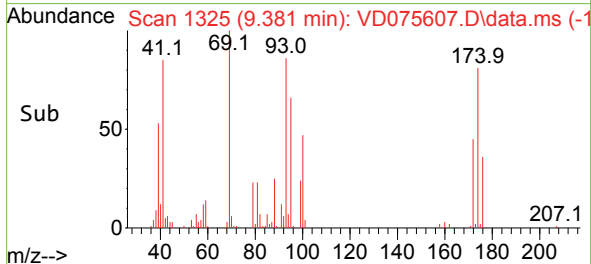
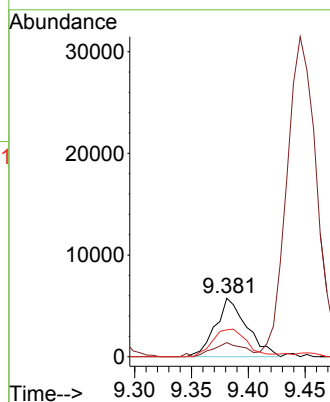
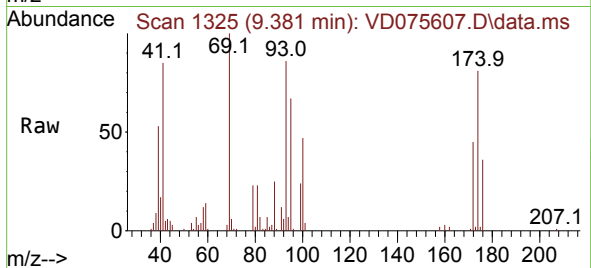
Tgt Ion: 88 Resp: 10987

Ion Ratio Lower Upper

88 100

43 24.5 34.6 51.8#

58 51.7 58.0 87.0#



#50

Toluene-d8

Concen: 58.473 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075607.D

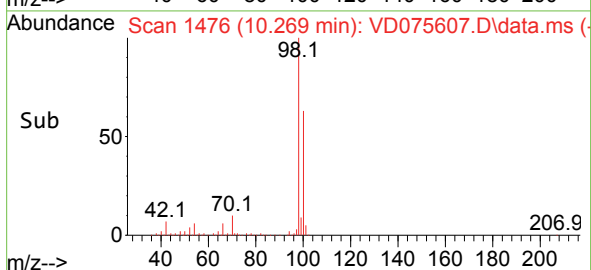
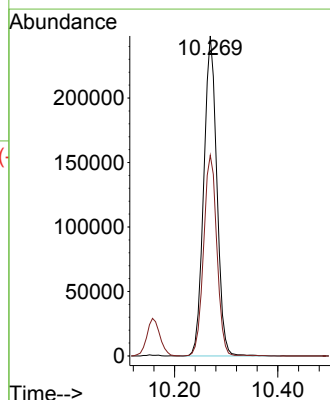
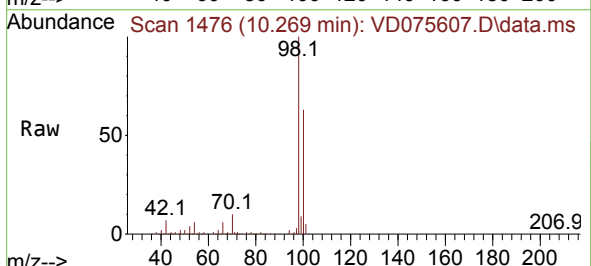
Acq: 07 Apr 2023 18:11

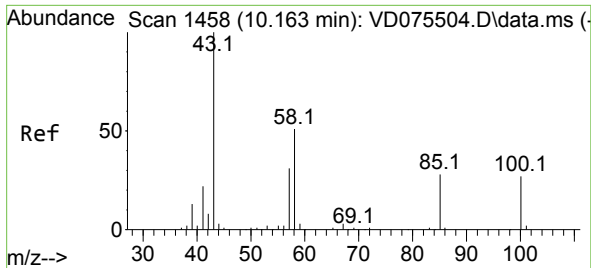
Tgt Ion: 98 Resp: 435779

Ion Ratio Lower Upper

98 100

100 63.4 52.1 78.1

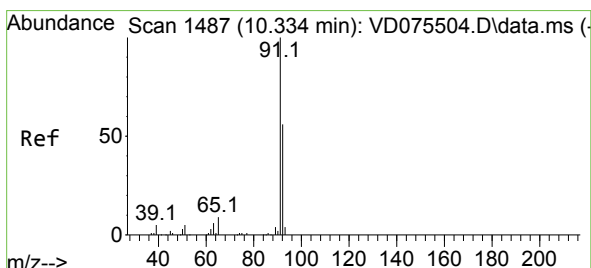
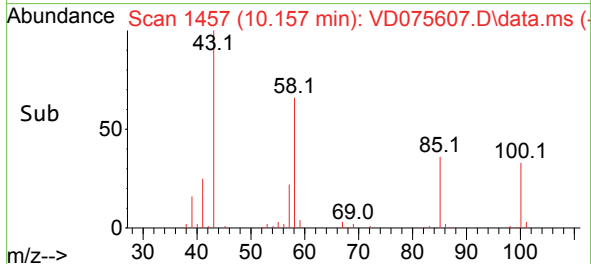
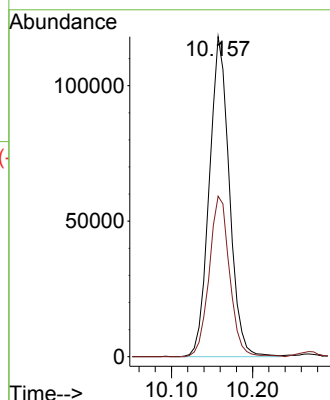
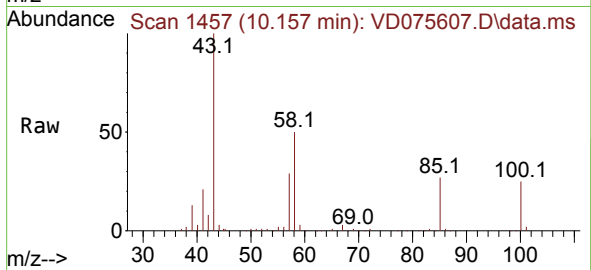




#51
4-Methyl-2-Pentanone
Concen: 289.034 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

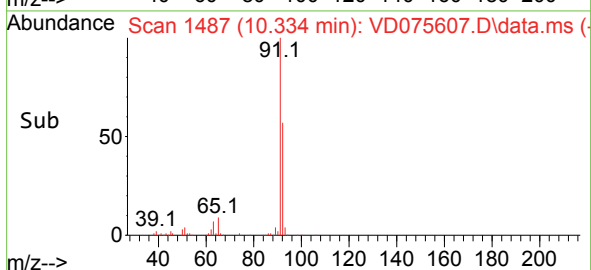
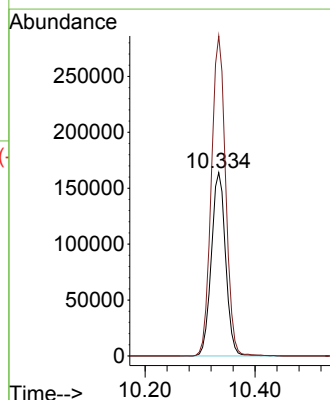
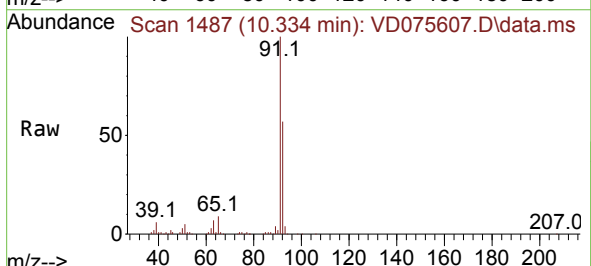
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

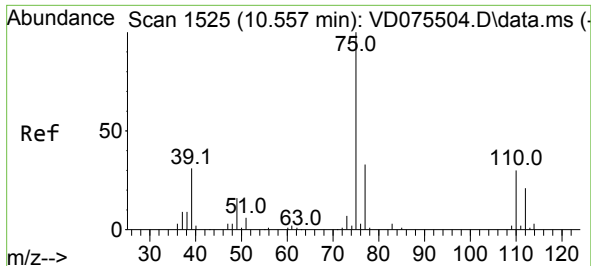
Tgt Ion: 43 Resp: 202611
Ion Ratio Lower Upper
43 100
58 50.9 29.5 44.3#



#52
Toluene
Concen: 54.273 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion: 92 Resp: 294673
Ion Ratio Lower Upper
92 100
91 175.4 136.5 204.7

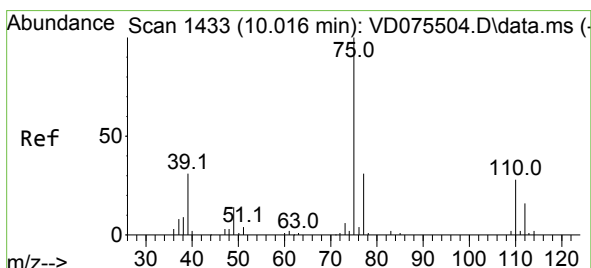
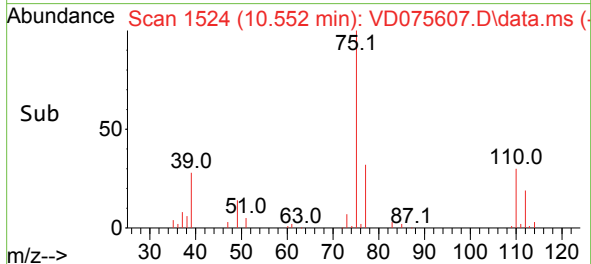
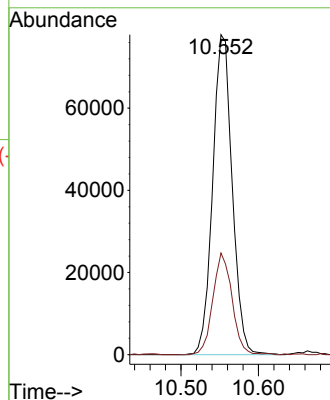
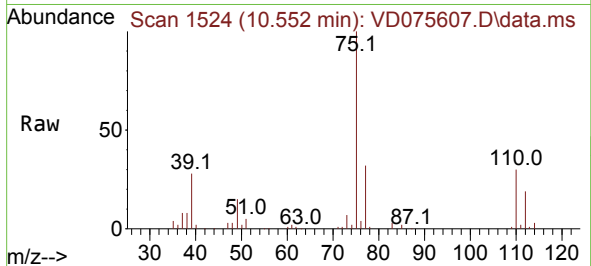




#53
 t-1,3-Dichloropropene
 Concen: 56.303 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD075607.D
 Acq: 07 Apr 2023 18:11

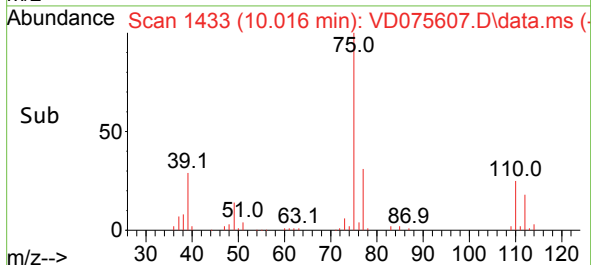
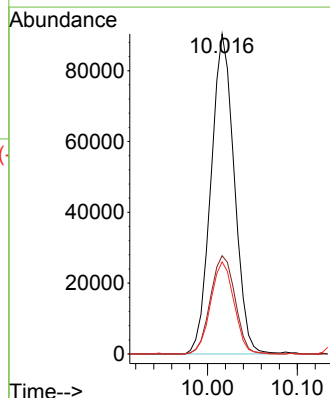
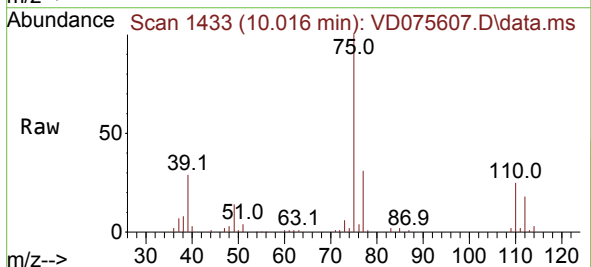
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

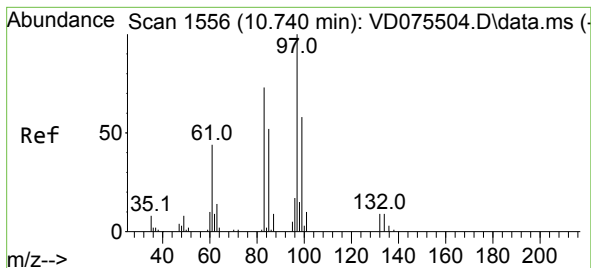
Tgt Ion: 75 Resp: 136150
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 54.917 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075607.D
 Acq: 07 Apr 2023 18:11

Tgt Ion: 75 Resp: 163090
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.6 38.4
 39 28.8 44.8 67.2#





#55

1,1,2-Trichloroethane

Concen: 55.435 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD075607.D

Acq: 07 Apr 2023 18:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 87118

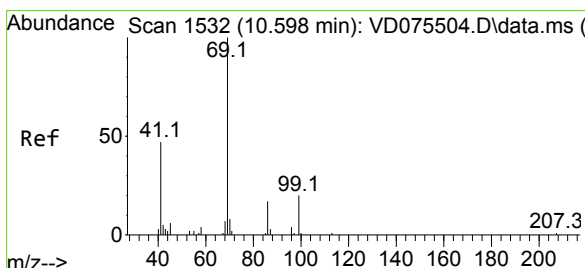
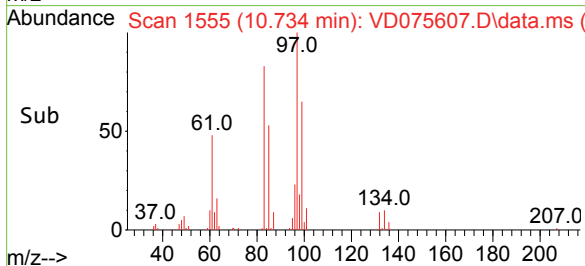
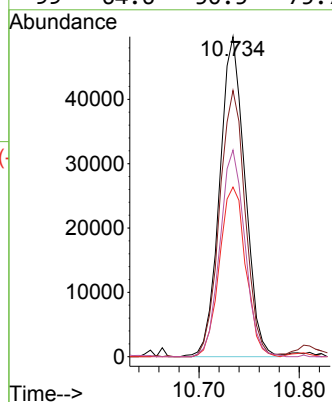
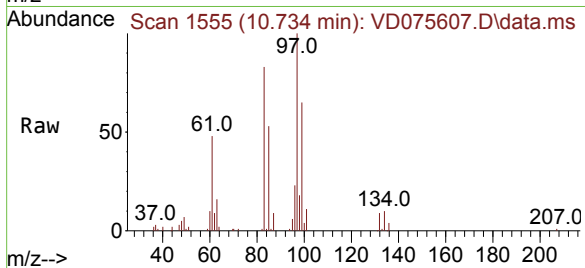
Ion Ratio Lower Upper

97 100

83 83.2 74.2 111.4

85 53.0 45.4 68.0

99 64.6 50.5 75.7



#56

Ethyl methacrylate

Concen: 60.027 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD075607.D

Acq: 07 Apr 2023 18:11

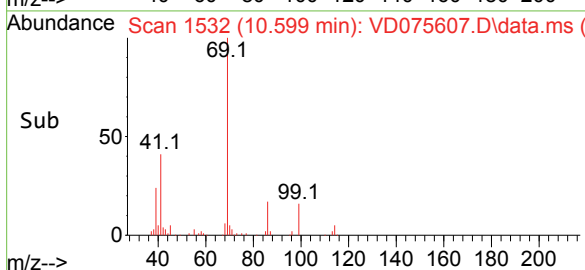
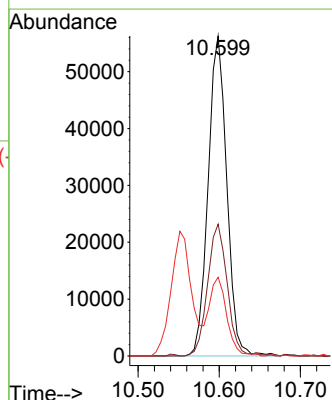
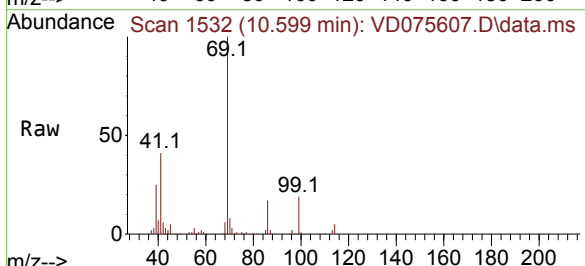
Tgt Ion: 69 Resp: 89818

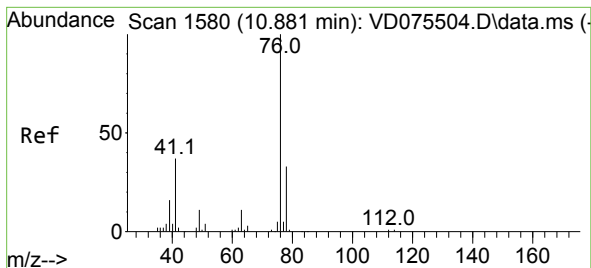
Ion Ratio Lower Upper

69 100

41 43.5 59.3 88.9#

39 22.7 36.0 54.0#





#57

1,3-Dichloropropane

Concen: 56.967 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD075607.D

Acq: 07 Apr 2023 18:11

Instrument :

MSVOA_D

ClientSampleId :

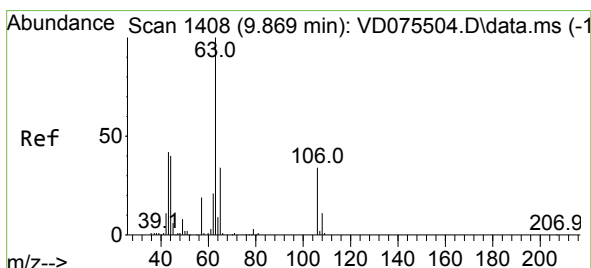
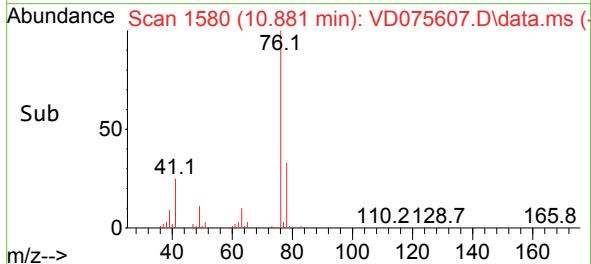
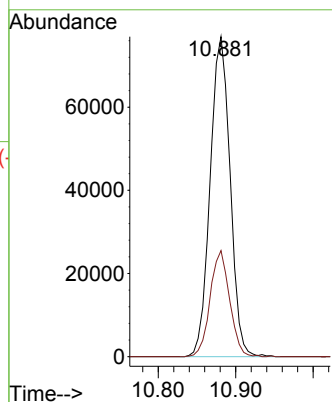
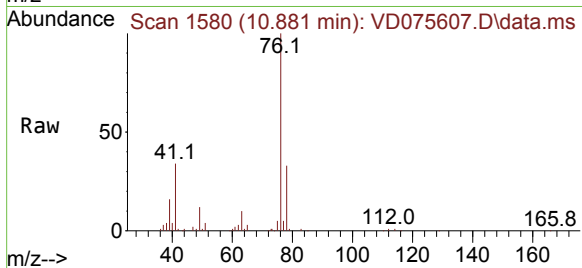
VSTDCCC050EC

Tgt Ion: 76 Resp: 137776

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 300.565 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075607.D

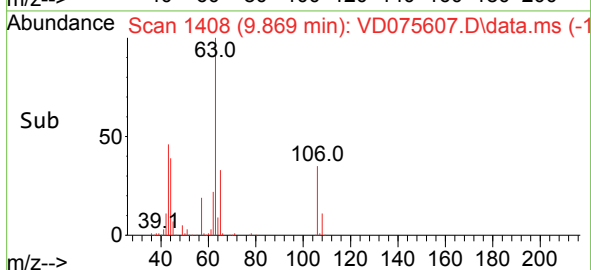
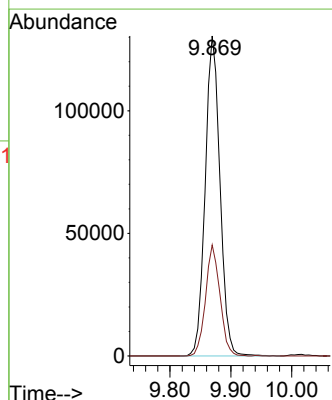
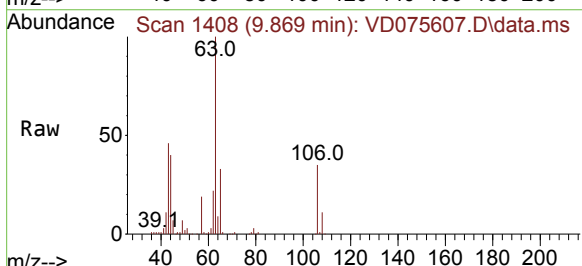
Acq: 07 Apr 2023 18:11

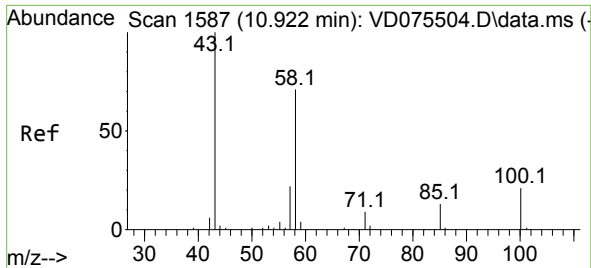
Tgt Ion: 63 Resp: 220104

Ion Ratio Lower Upper

63 100

106 33.7 21.4 32.2#

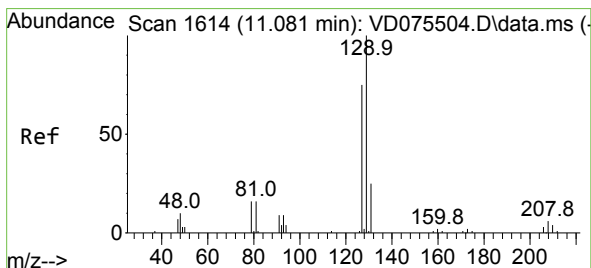
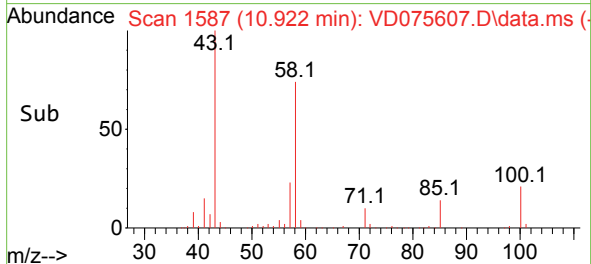
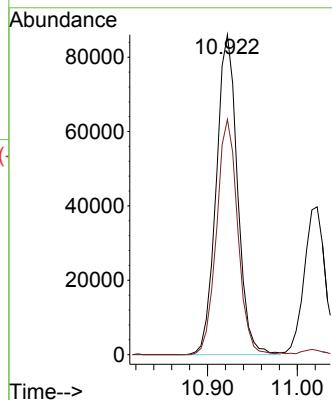
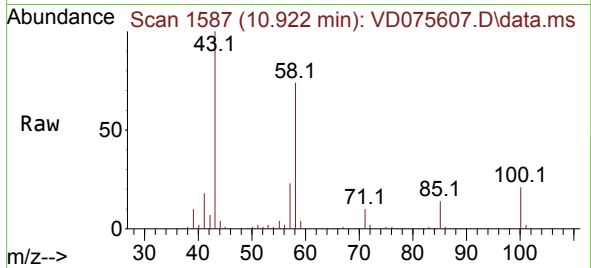




#59
2-Hexanone
Concen: 285.358 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

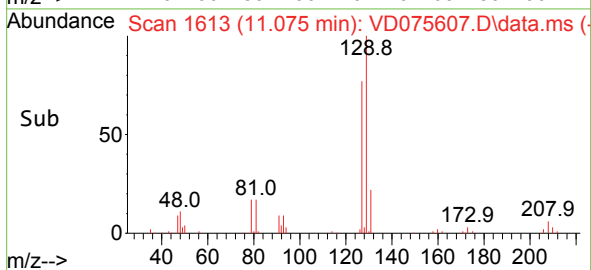
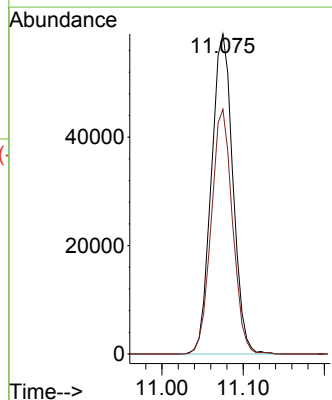
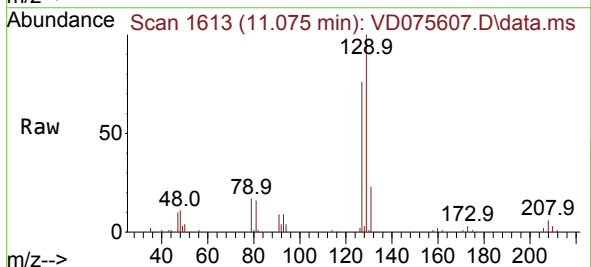
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

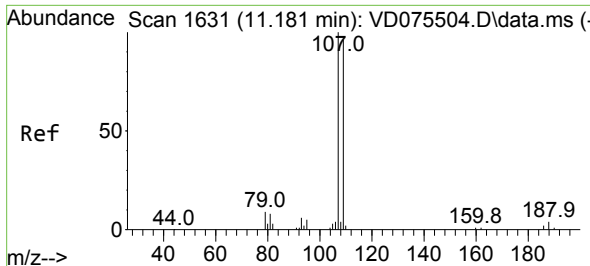
Tgt Ion: 43 Resp: 141461
Ion Ratio Lower Upper
43 100
58 73.2 25.3 75.8



#60
Dibromochloromethane
Concen: 58.543 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion: 129 Resp: 108699
Ion Ratio Lower Upper
129 100
127 75.6 38.1 114.5

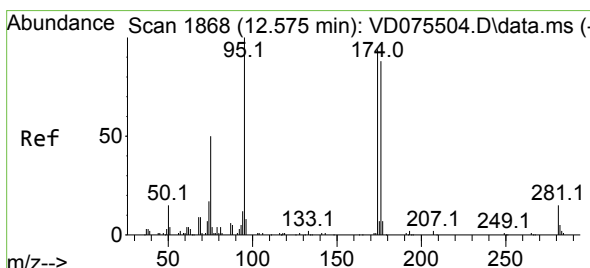
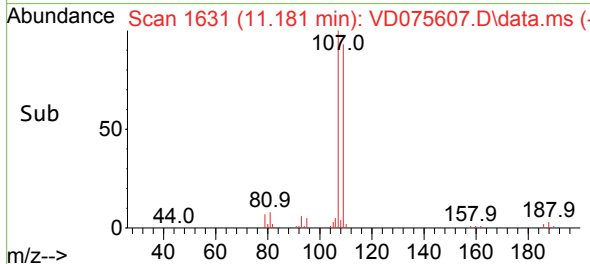
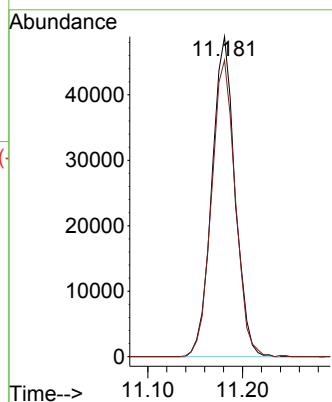
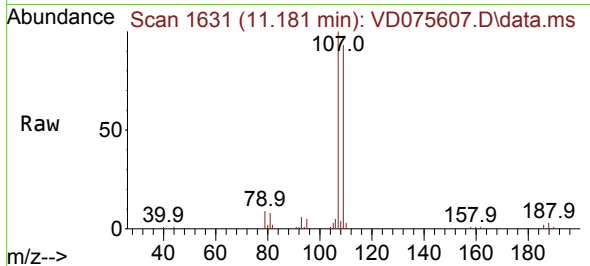




#61
1,2-Dibromoethane
Concen: 55.814 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

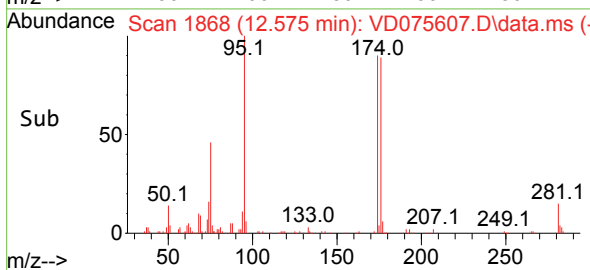
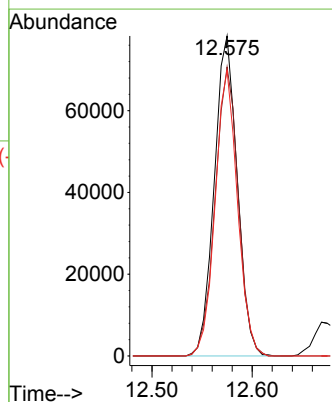
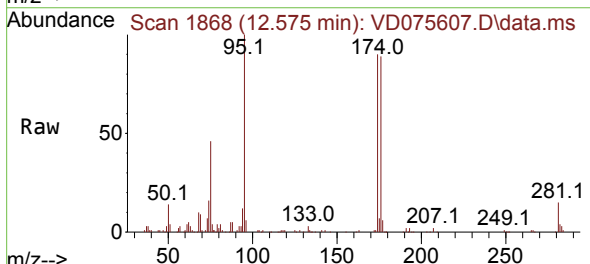
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

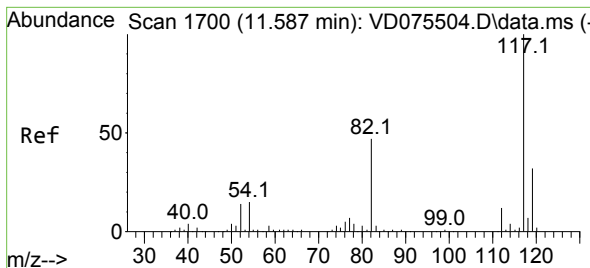
Tgt Ion:107 Resp: 82607
Ion Ratio Lower Upper
107 100
109 95.6 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 57.795 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion: 95 Resp: 124515
Ion Ratio Lower Upper
95 100
174 91.1 0.0 164.0
176 86.8 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075607.D

Acq: 07 Apr 2023 18:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

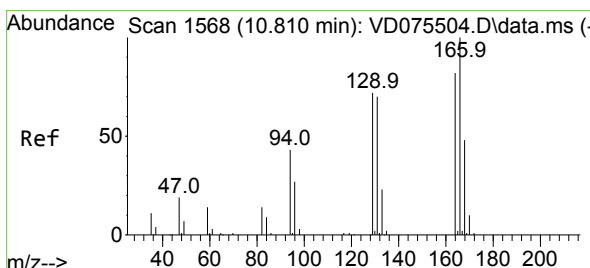
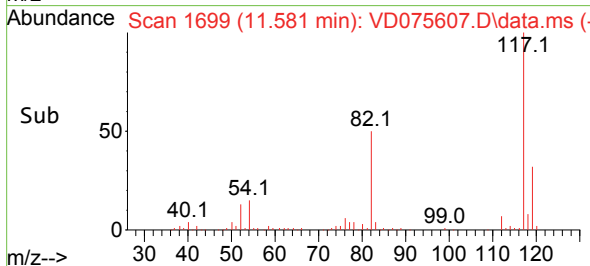
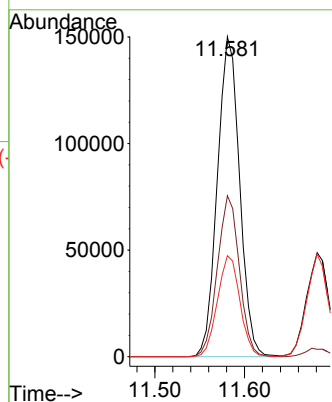
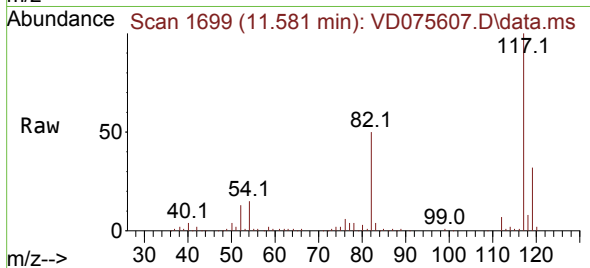
Tgt Ion:117 Resp: 258636

Ion Ratio Lower Upper

117 100

82 50.3 44.0 66.0

119 31.5 25.1 37.7



#64

Tetrachloroethene

Concen: 49.553 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075607.D

Acq: 07 Apr 2023 18:11

Tgt Ion:164 Resp: 101144

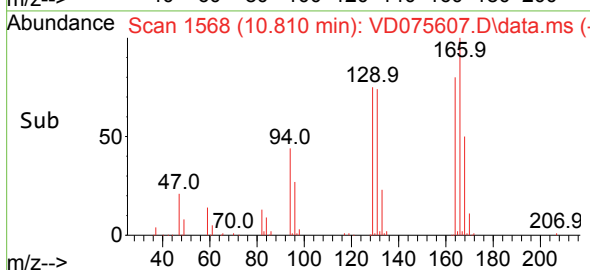
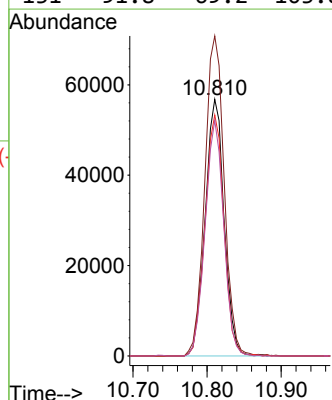
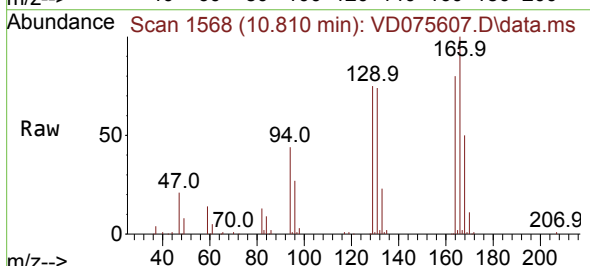
Ion Ratio Lower Upper

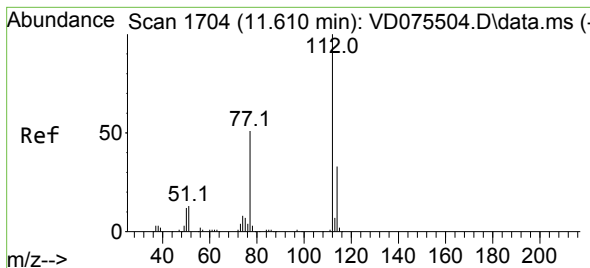
164 100

166 124.7 94.9 142.3

129 93.9 73.0 109.6

131 91.8 69.2 103.8





#65

Chlorobenzene

Concen: 50.928 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075607.D

Acq: 07 Apr 2023 18:11

Instrument :

MSVOA_D

ClientSampleId :

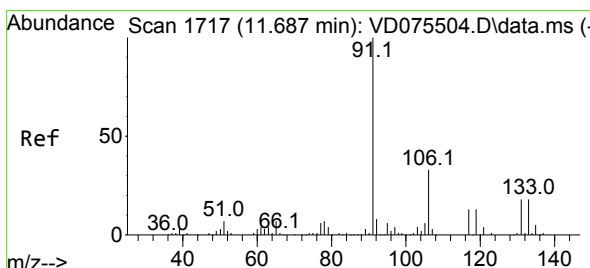
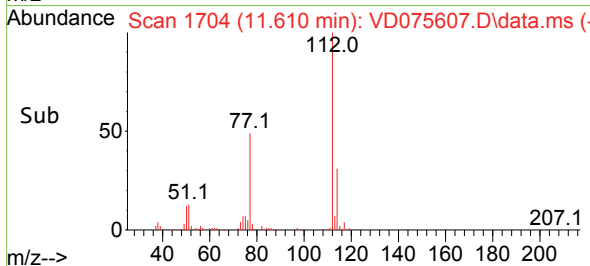
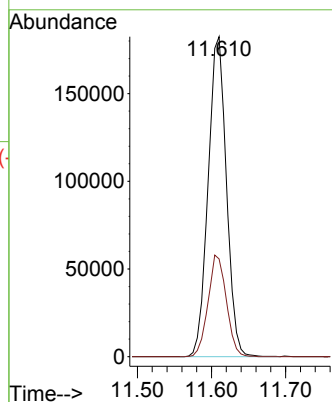
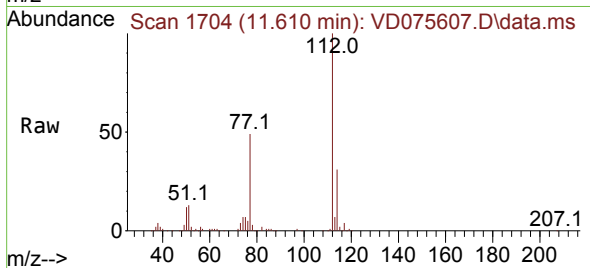
VSTDCCC050EC

Tgt Ion:112 Resp: 312388

Ion Ratio Lower Upper

112 100

114 30.5 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 52.914 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD075607.D

Acq: 07 Apr 2023 18:11

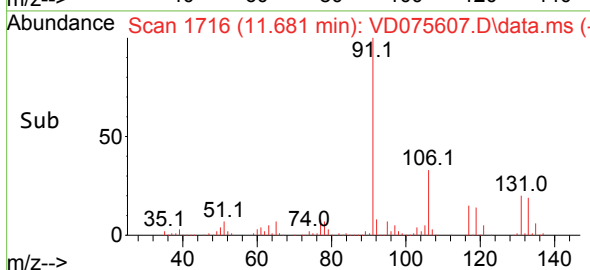
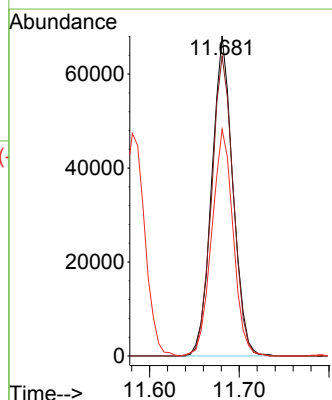
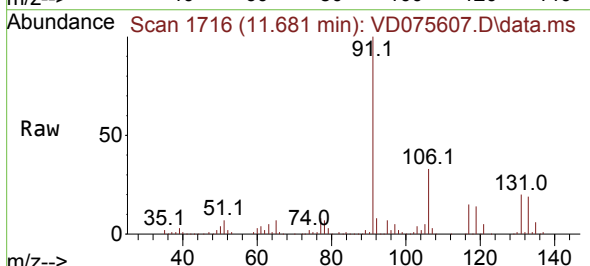
Tgt Ion:131 Resp: 111192

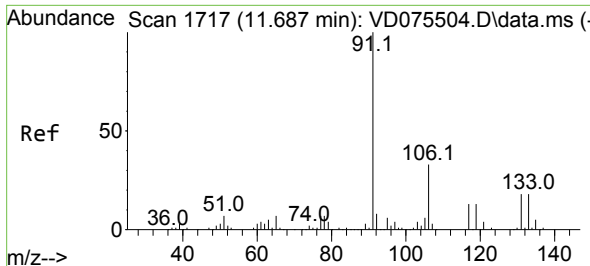
Ion Ratio Lower Upper

131 100

133 96.2 46.7 140.0

119 71.8 31.9 95.9

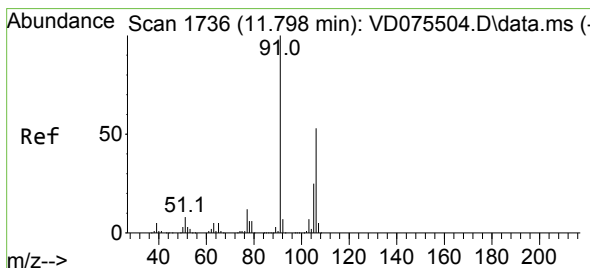
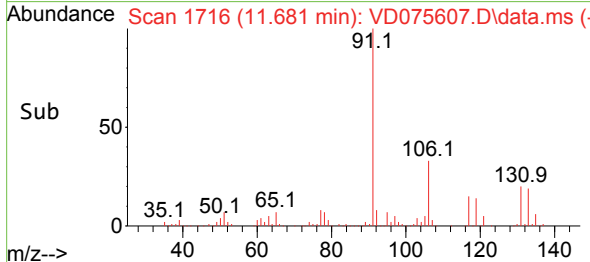
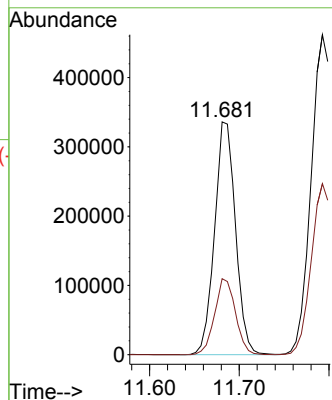
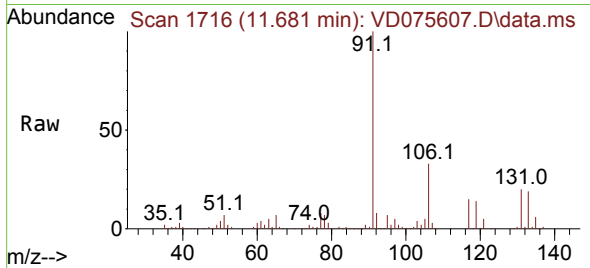




#67
Ethyl Benzene
Concen: 51.562 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

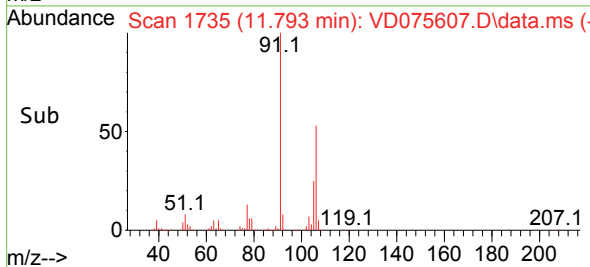
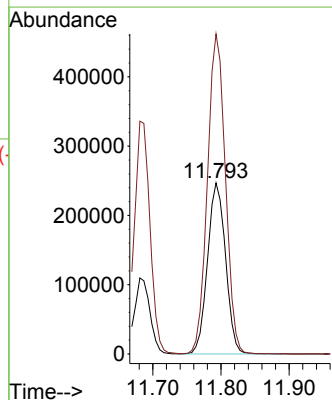
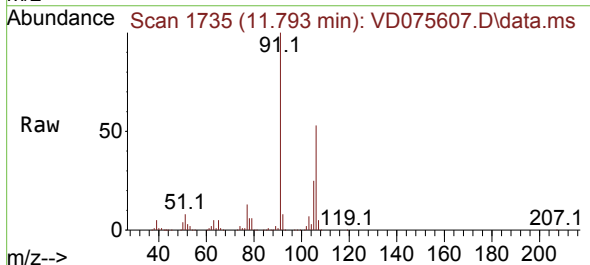
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

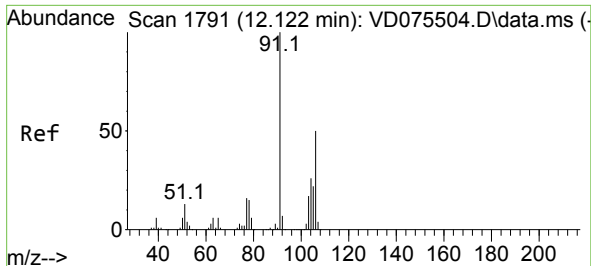
Tgt Ion: 91 Resp: 544684
Ion Ratio Lower Upper
91 100
106 32.6 24.5 36.7



#68
m/p-Xylenes
Concen: 106.788 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion:106 Resp: 453400
Ion Ratio Lower Upper
106 100
91 187.1 161.5 242.3

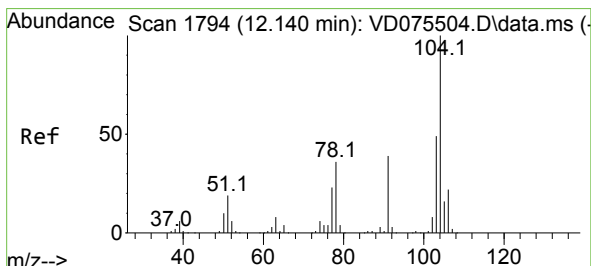
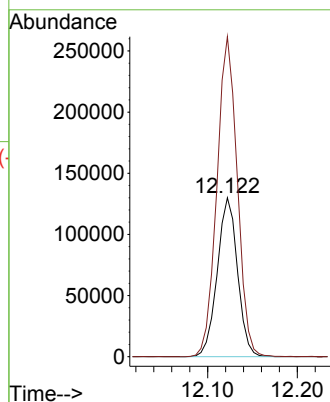
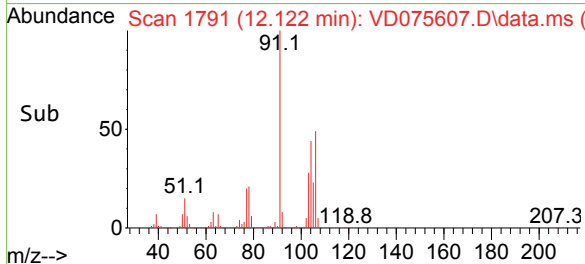
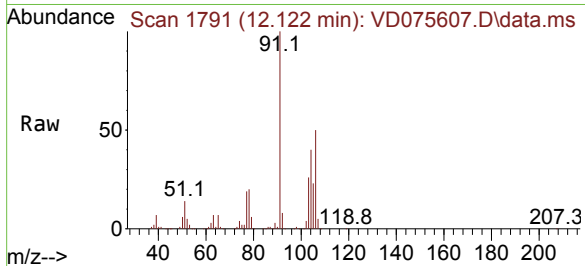




#69
o-Xylene
Concen: 51.623 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

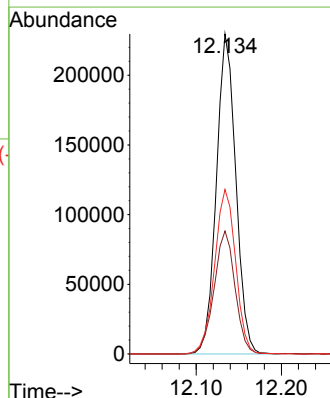
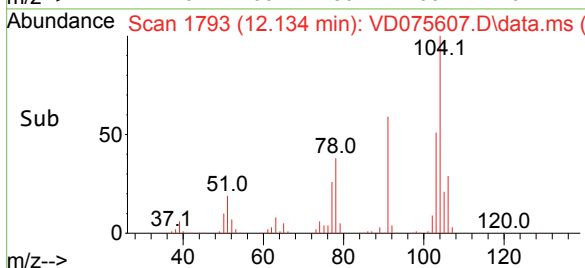
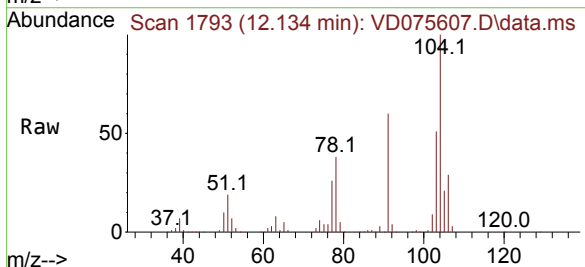
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

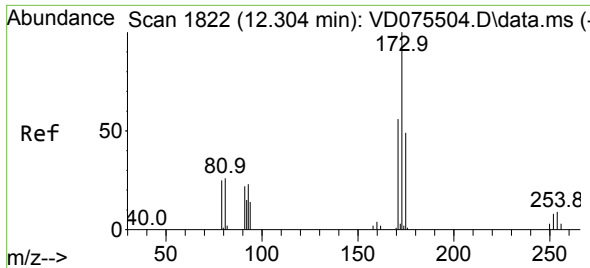
Tgt Ion:106 Resp: 203555
Ion Ratio Lower Upper
106 100
91 202.9 105.7 317.1



#70
Styrene
Concen: 55.661 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion:104 Resp: 365077
Ion Ratio Lower Upper
104 100
78 41.4 40.2 60.4
103 55.7 44.2 66.2

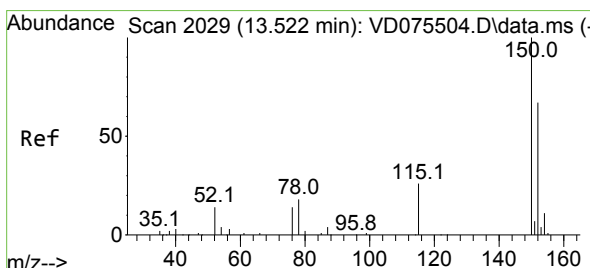
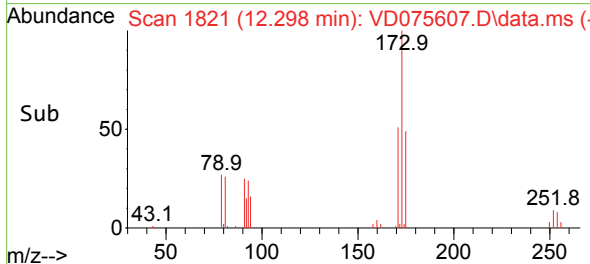
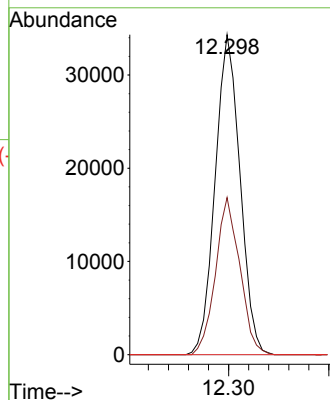
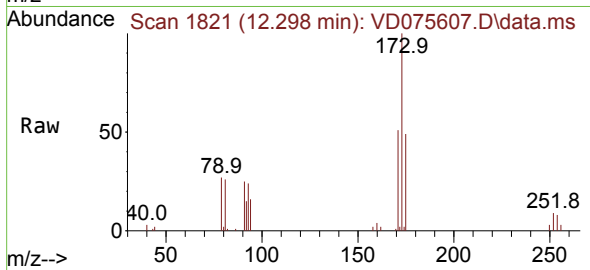




#71
Bromoform
Concen: 55.063 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

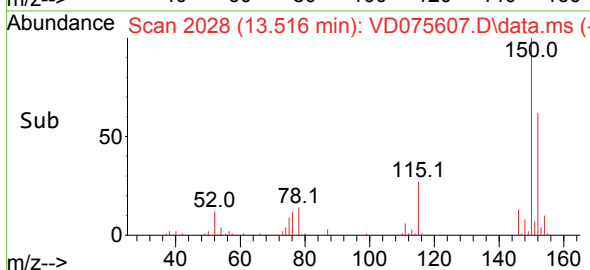
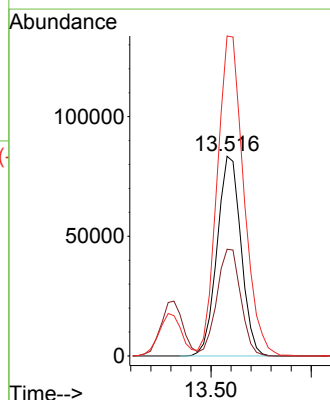
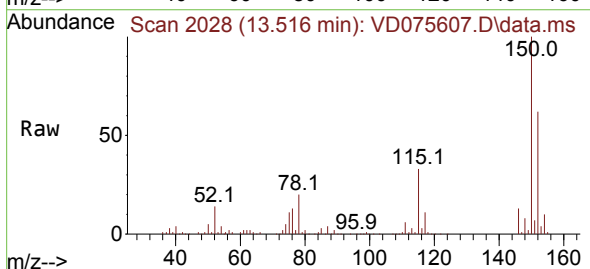
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

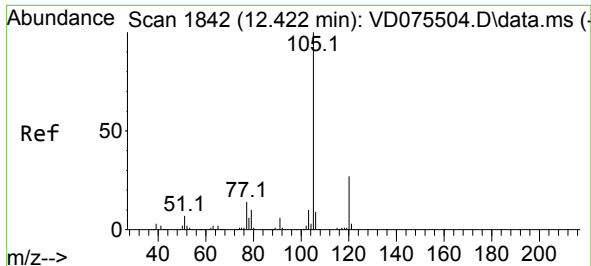
Tgt Ion:173 Resp: 59084
Ion Ratio Lower Upper
173 100
175 48.0 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion:152 Resp: 138098
Ion Ratio Lower Upper
152 100
115 53.5 30.1 90.3
150 177.3 0.0 364.8

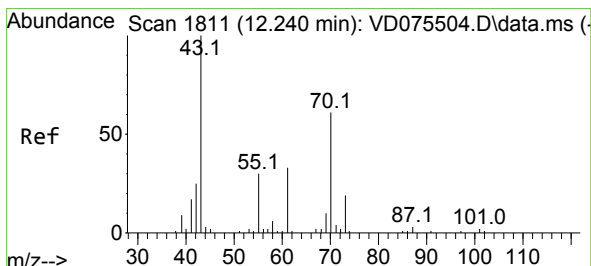
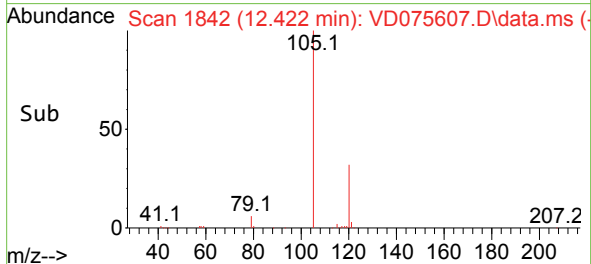
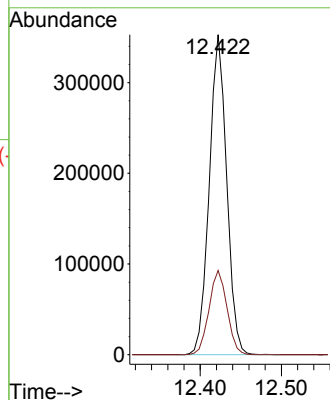
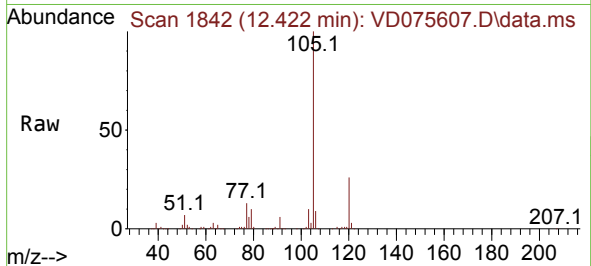




#73
Isopropylbenzene
Concen: 47.394 ug/l
RT: 12.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

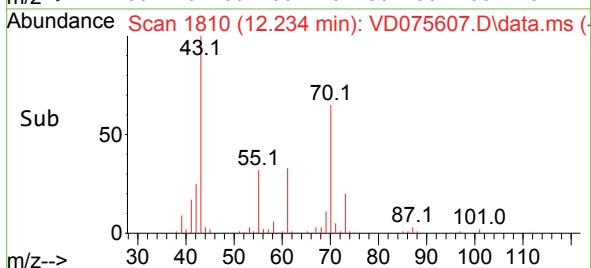
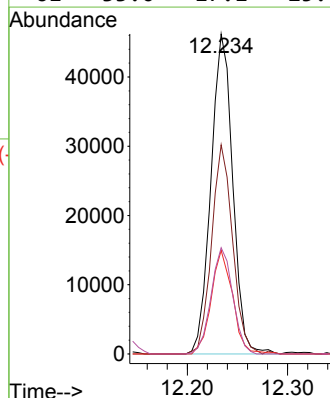
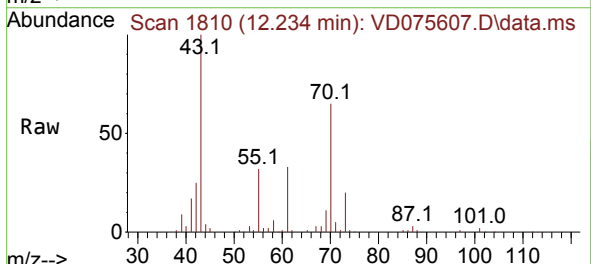
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

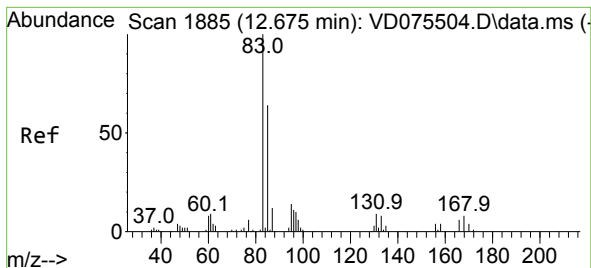
Tgt Ion:105 Resp: 524142
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.1



#74
N-ethyl acetate
Concen: 50.789 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion: 43 Resp: 69579
Ion Ratio Lower Upper
43 100
70 63.4 31.0 46.4#
55 31.8 18.6 28.0#
61 33.0 17.1 25.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 50.964 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD075607.D

Acq: 07 Apr 2023 18:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

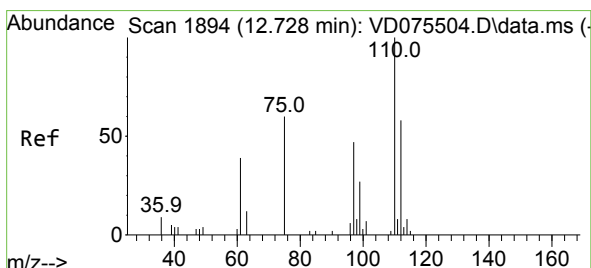
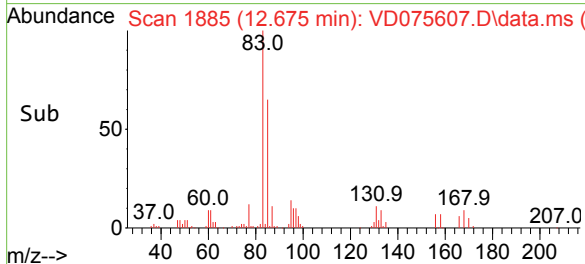
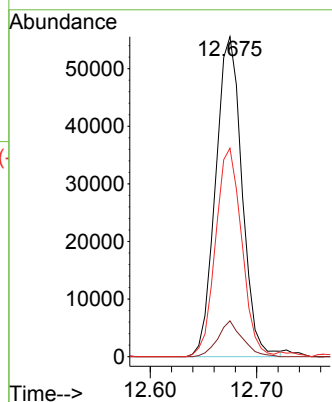
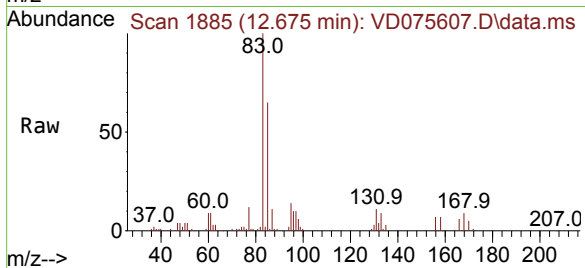
Tgt Ion: 83 Resp: 95589

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.2

85 64.6 33.6 100.6



#76

1,2,3-Trichloropropane

Concen: 96.212 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD075607.D

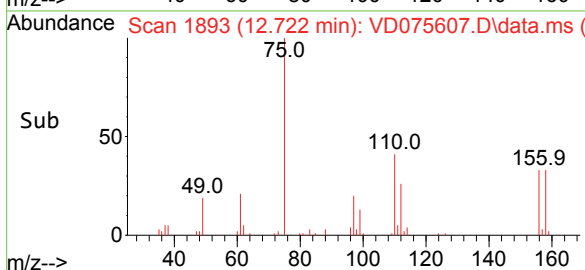
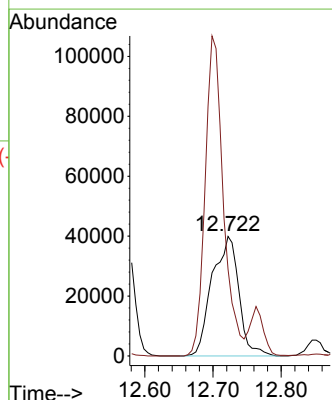
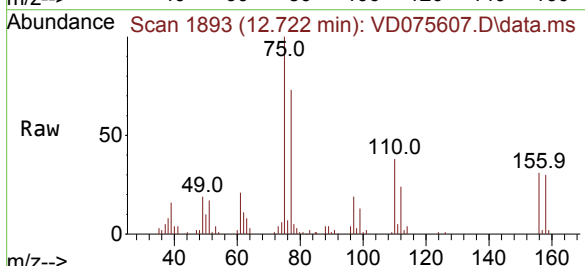
Acq: 07 Apr 2023 18:11

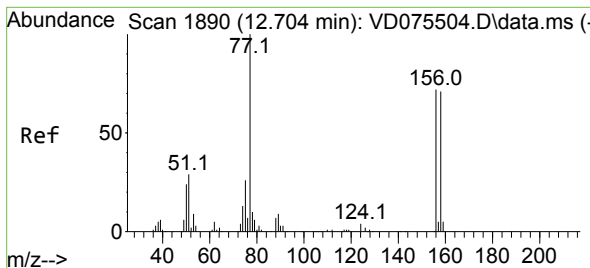
Tgt Ion: 75 Resp: 108970

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.285 ug/l

RT: 12.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075607.D

Acq: 07 Apr 2023 18:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

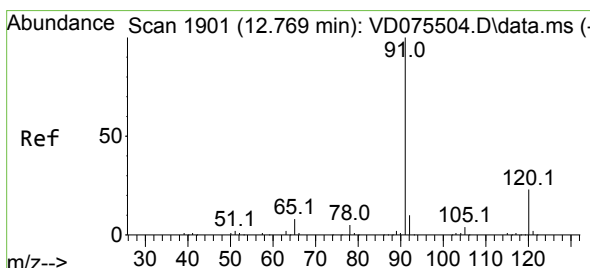
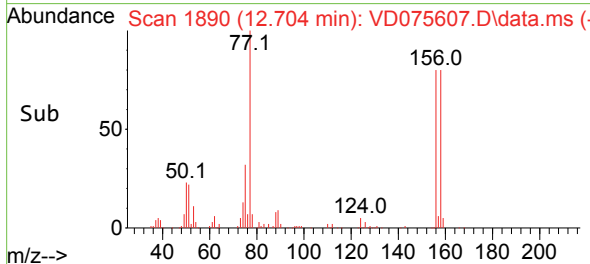
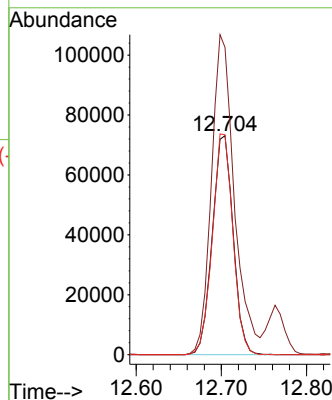
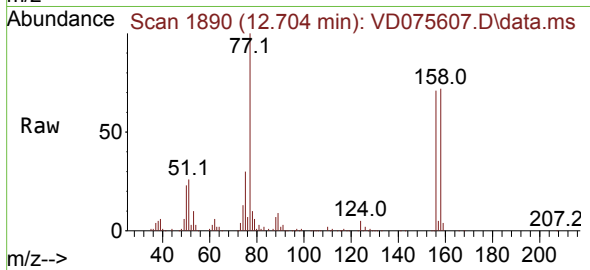
Tgt Ion:156 Resp: 124320

Ion Ratio Lower Upper

156 100

77 160.4 89.5 268.6

158 99.2 47.8 143.4



#78

n-propylbenzene

Concen: 47.041 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.006 min

Lab File: VD075607.D

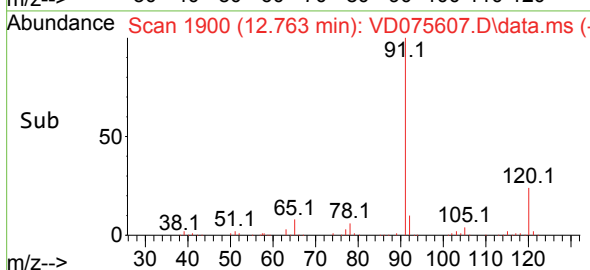
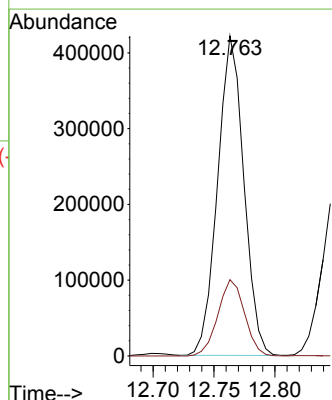
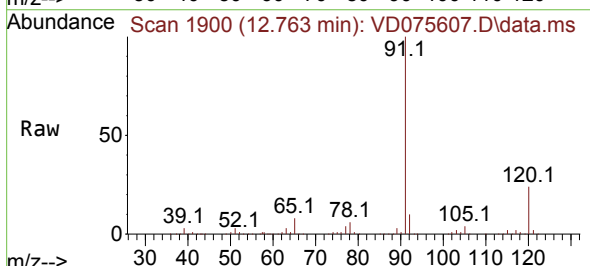
Acq: 07 Apr 2023 18:11

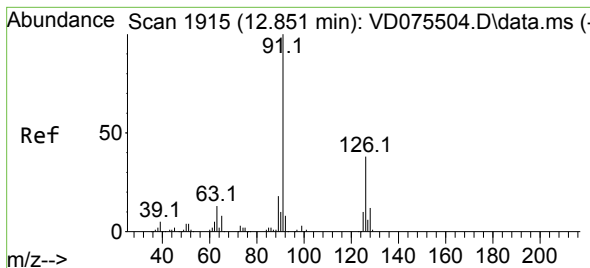
Tgt Ion: 91 Resp: 632130

Ion Ratio Lower Upper

91 100

120 24.2 11.4 34.2





#79

2-Chlorotoluene

Concen: 47.333 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075607.D

Acq: 07 Apr 2023 18:11

Instrument :

MSVOA_D

ClientSampleId :

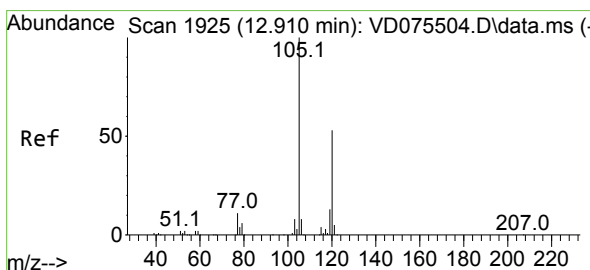
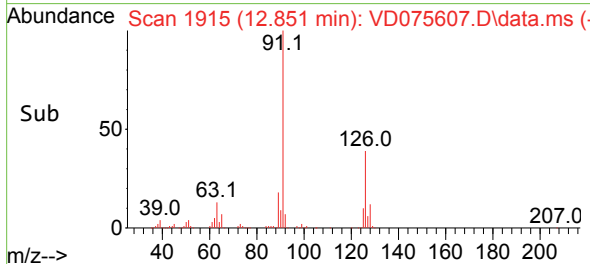
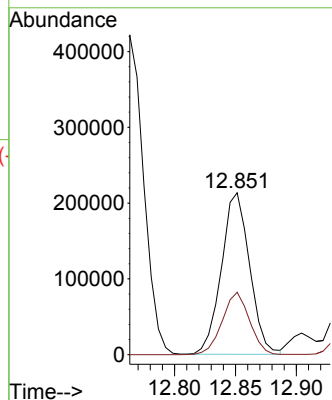
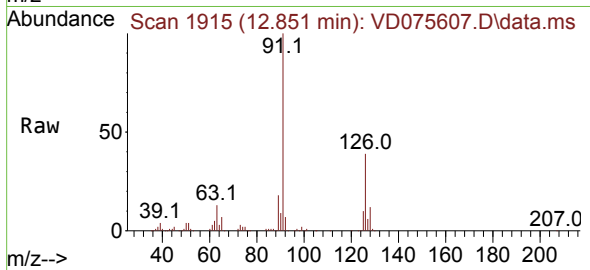
VSTDCCC050EC

Tgt Ion: 91 Resp: 344659

Ion Ratio Lower Upper

91 100

126 37.3 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 47.839 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VD075607.D

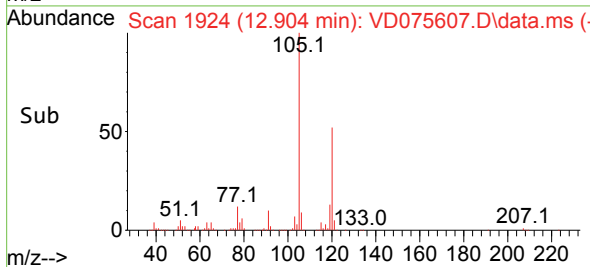
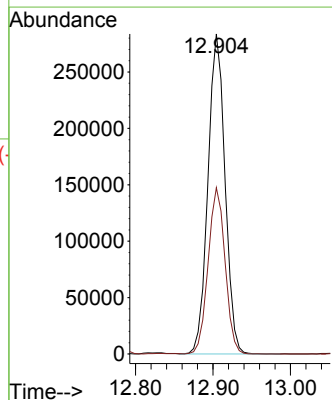
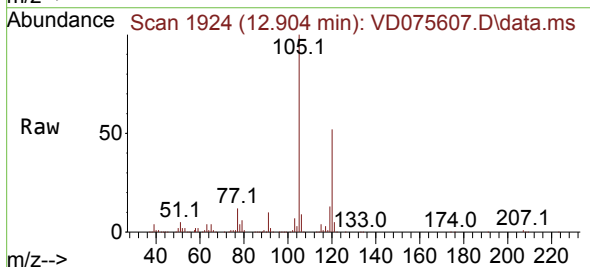
Acq: 07 Apr 2023 18:11

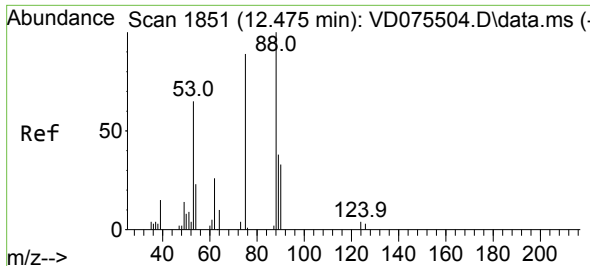
Tgt Ion: 105 Resp: 433849

Ion Ratio Lower Upper

105 100

120 51.6 24.3 72.8

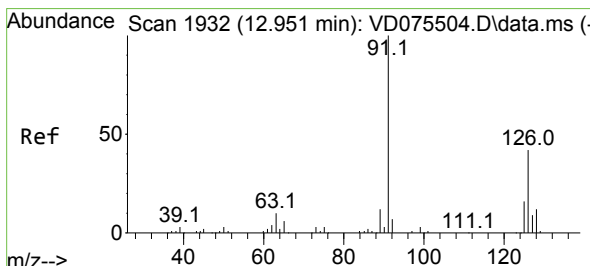
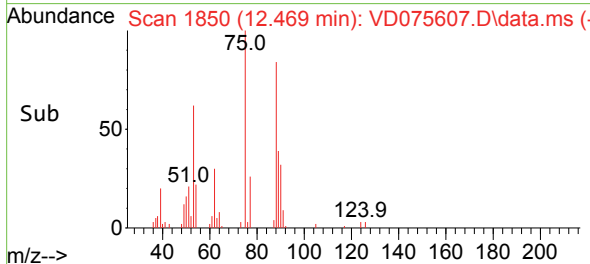
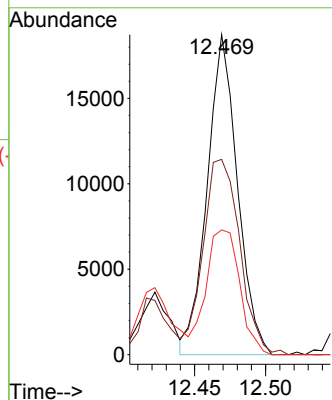
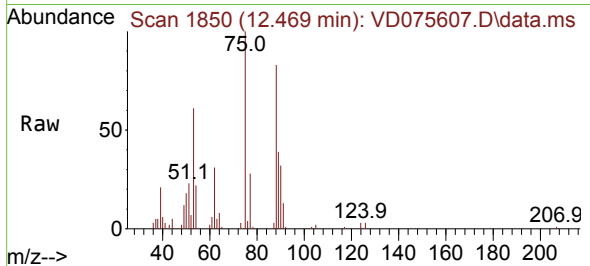




#81
trans-1,4-Dichloro-2-butene
Concen: 51.515 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

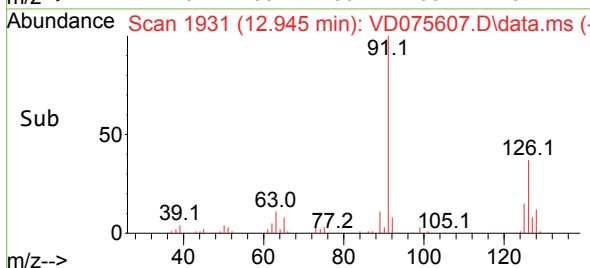
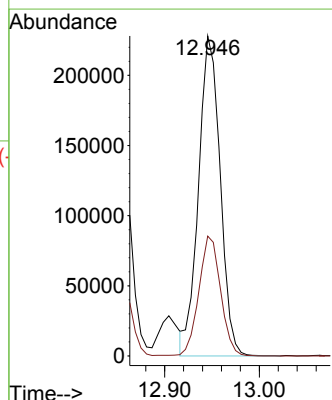
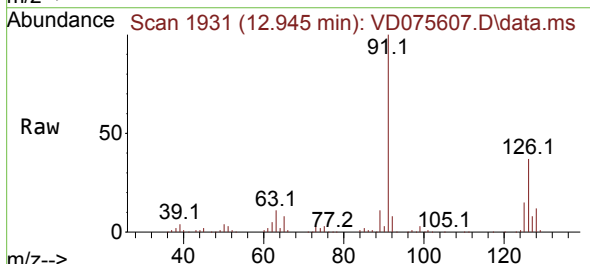
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

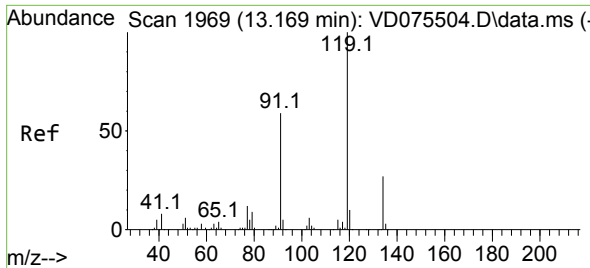
Tgt Ion: 75 Resp: 27739
Ion Ratio Lower Upper
75 100
53 74.1 90.5 135.7#
89 43.5 40.2 60.4



#82
4-Chlorotoluene
Concen: 48.280 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion: 91 Resp: 362766
Ion Ratio Lower Upper
91 100
126 37.7 17.1 51.2

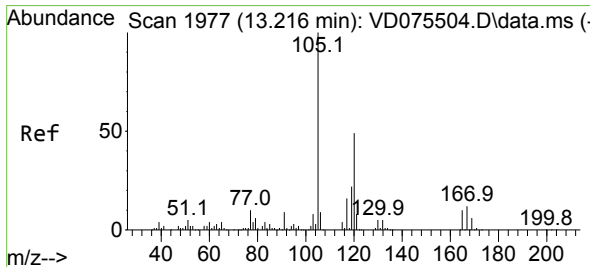
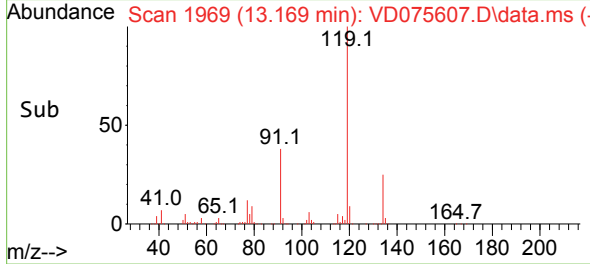
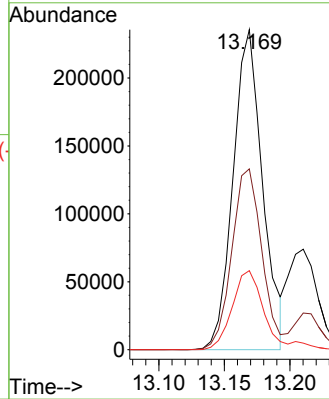
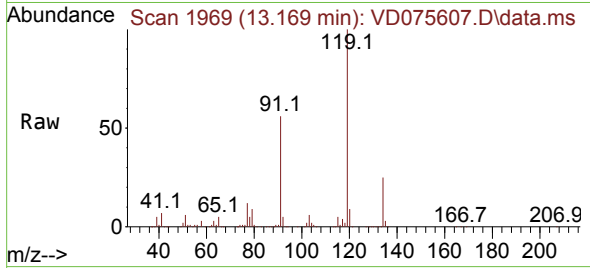




#83
tert-Butylbenzene
Concen: 46.660 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

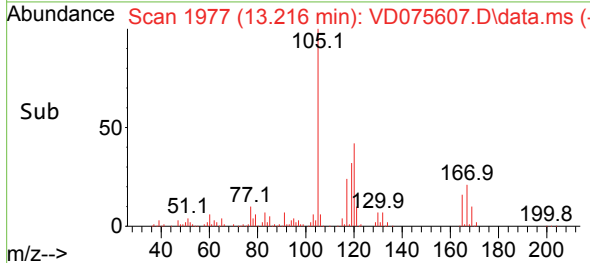
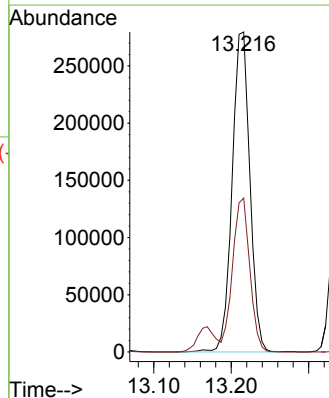
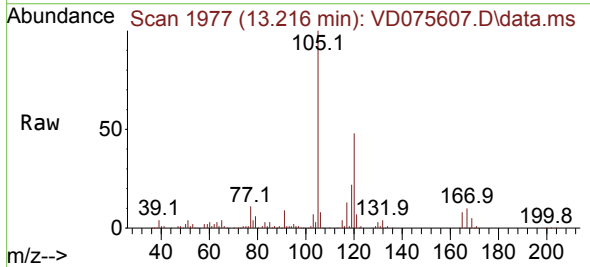
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

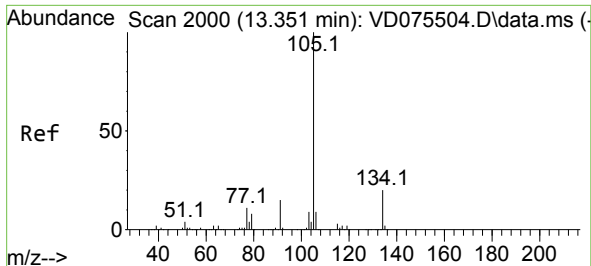
Tgt Ion:119 Resp: 367772
Ion Ratio Lower Upper
119 100
91 57.5 32.4 97.0
134 27.3 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 50.588 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion:105 Resp: 443385
Ion Ratio Lower Upper
105 100
120 46.8 22.3 66.9

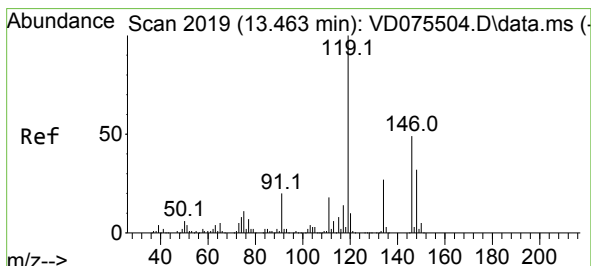
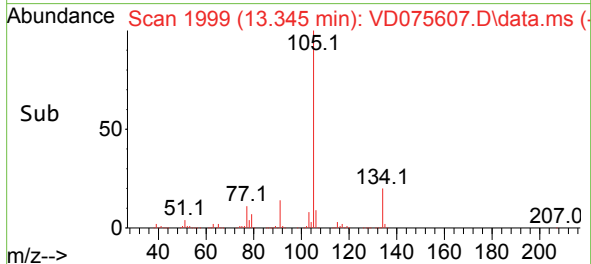
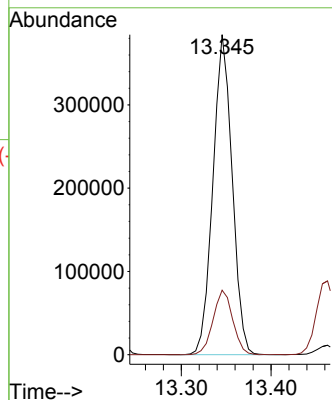
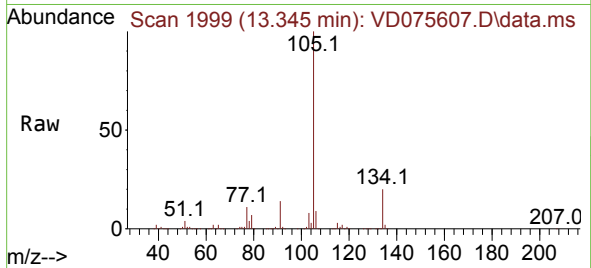




#85
 sec-Butylbenzene
 Concen: 46.941 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VD075607.D
 Acq: 07 Apr 2023 18:11

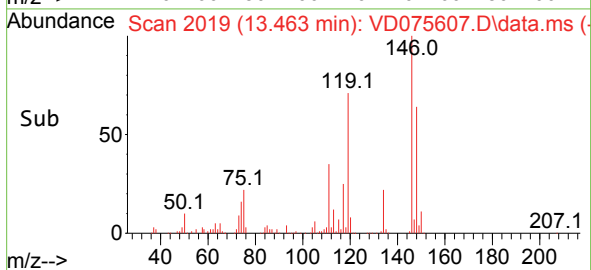
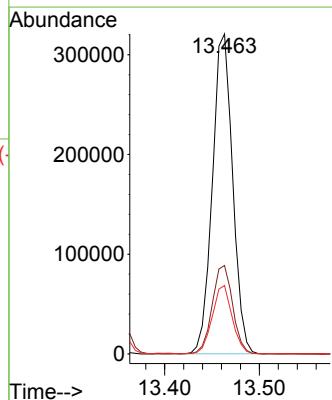
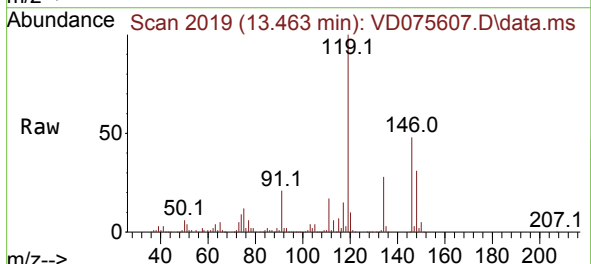
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

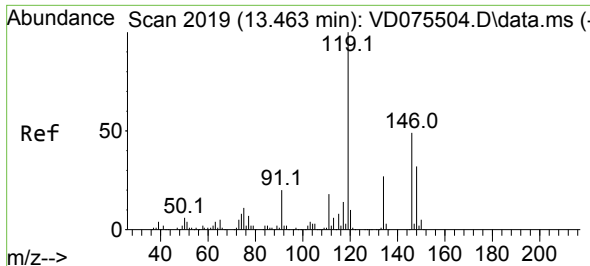
Tgt Ion:105 Resp: 572772
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 47.772 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075607.D
 Acq: 07 Apr 2023 18:11

Tgt Ion:119 Resp: 476327
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.1 39.3
 91 21.2 12.4 37.4

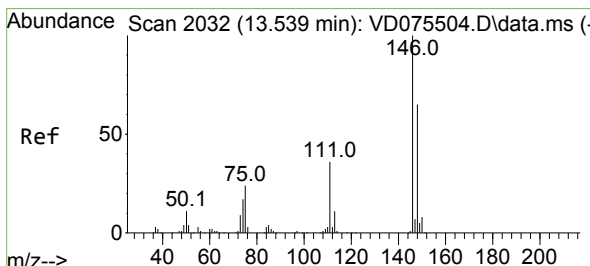
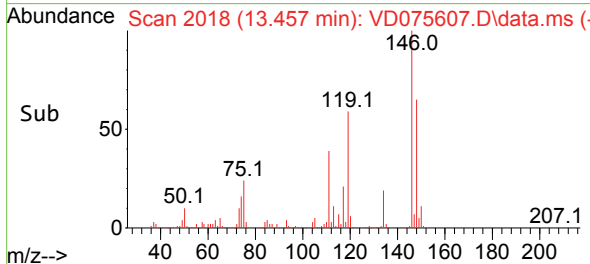
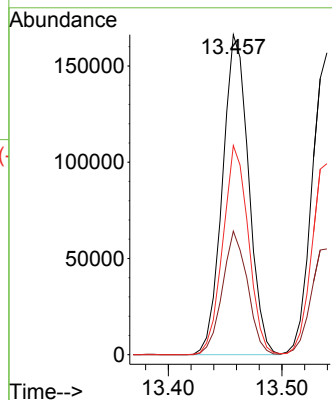
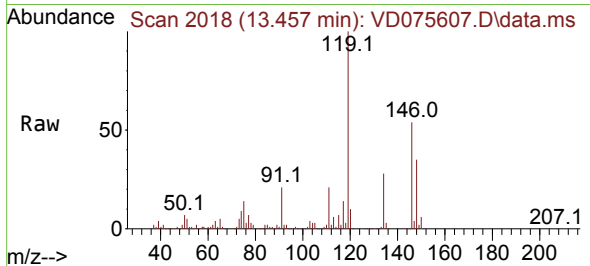




#87
1,3-Dichlorobenzene
Concen: 48.883 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

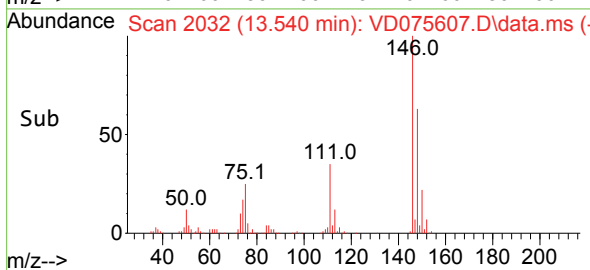
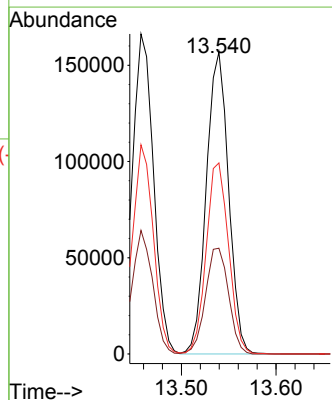
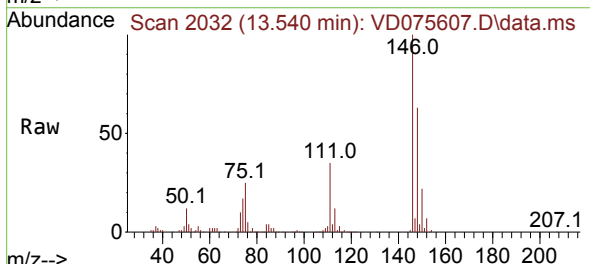
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

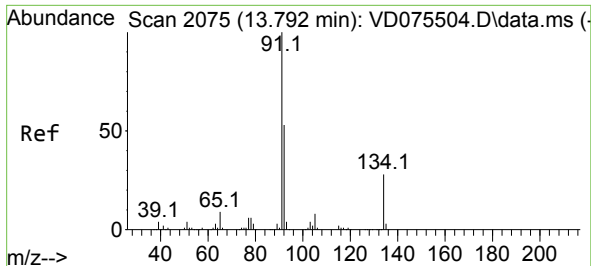
Tgt Ion:146 Resp: 265668
Ion Ratio Lower Upper
146 100
111 37.2 19.8 59.3
148 63.9 31.0 93.0



#88
1,4-Dichlorobenzene
Concen: 47.538 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion:146 Resp: 255573
Ion Ratio Lower Upper
146 100
111 36.5 19.6 58.8
148 63.9 31.7 95.1

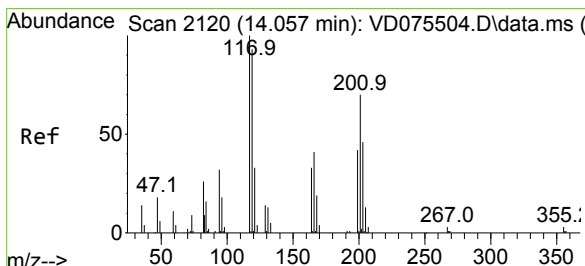
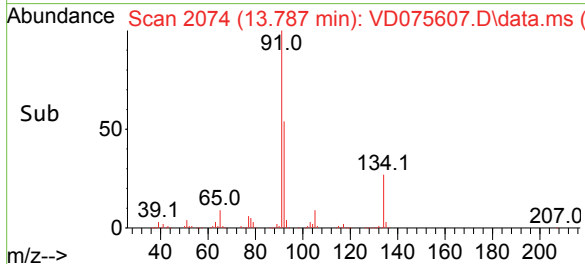
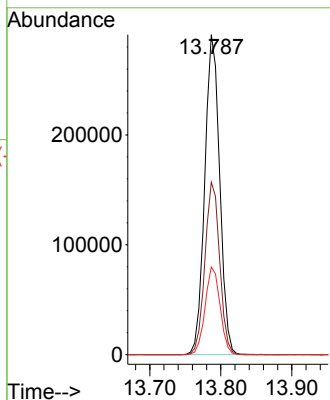
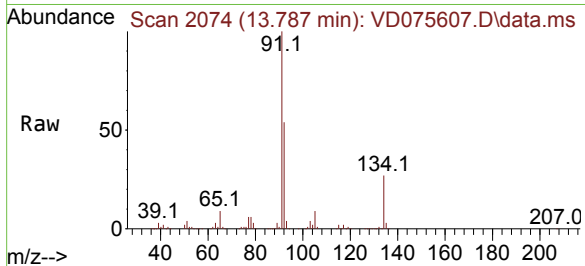




#89
n-Butylbenzene
Concen: 46.679 ug/l
RT: 13.787 min Scan# 2075
Delta R.T. -0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

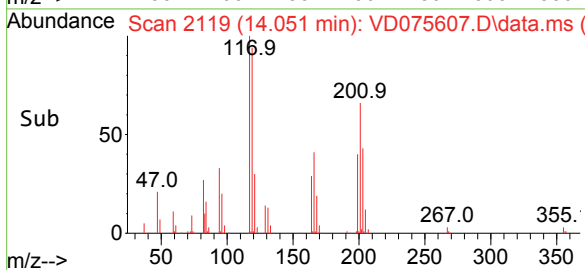
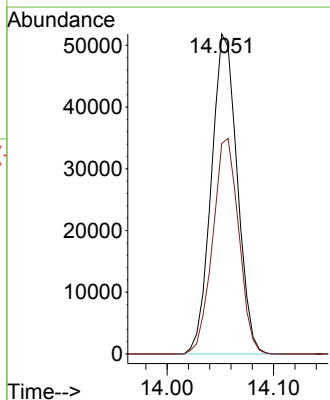
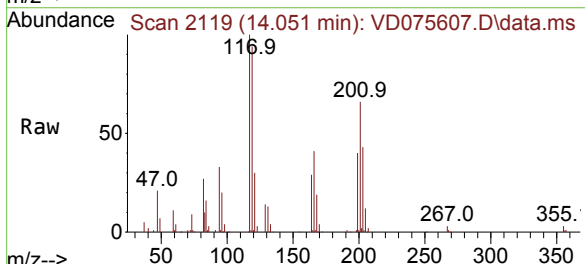
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

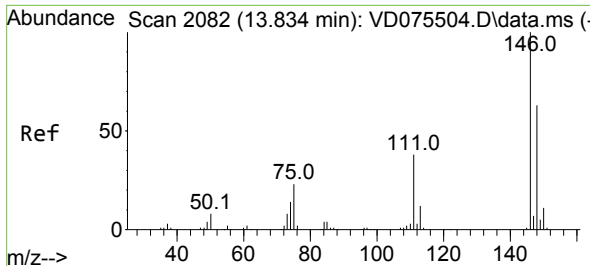
Tgt Ion: 91 Resp: 426850
Ion Ratio Lower Upper
91 100
92 53.3 26.2 78.5
134 27.5 12.7 38.0



#90
Hexachloroethane
Concen: 45.395 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion: 117 Resp: 87400
Ion Ratio Lower Upper
117 100
201 67.9 34.5 103.6

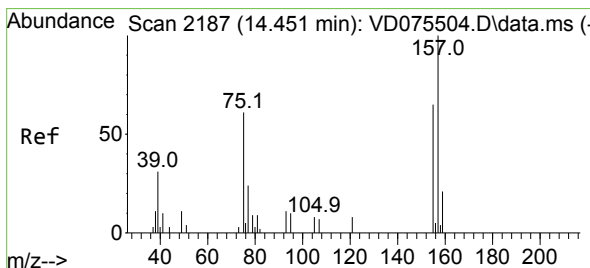
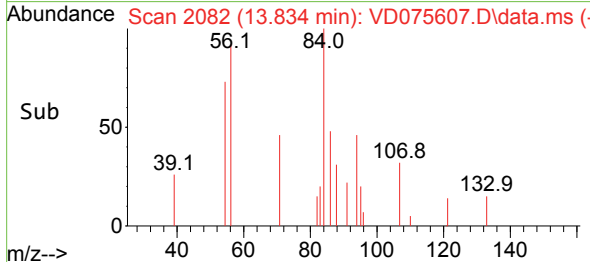
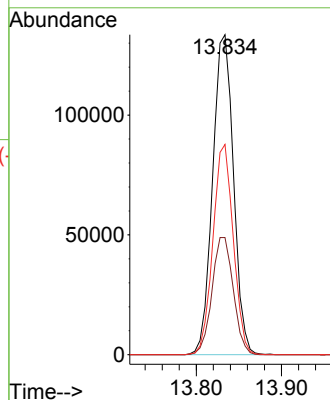
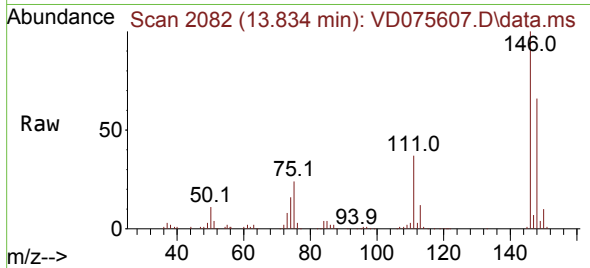




#91
1,2-Dichlorobenzene
Concen: 49.374 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

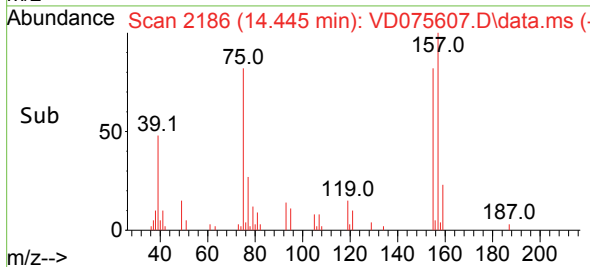
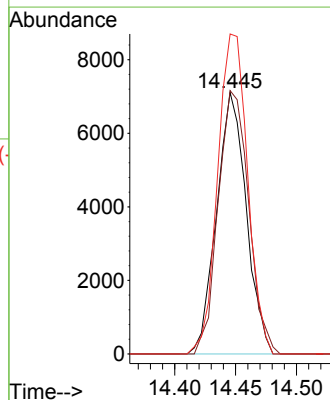
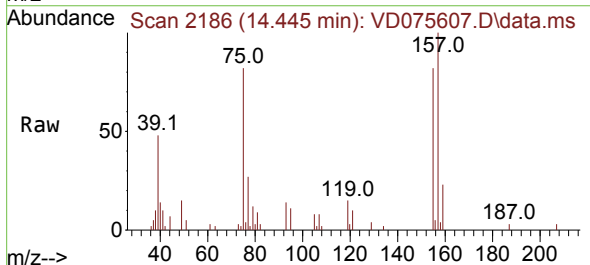
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

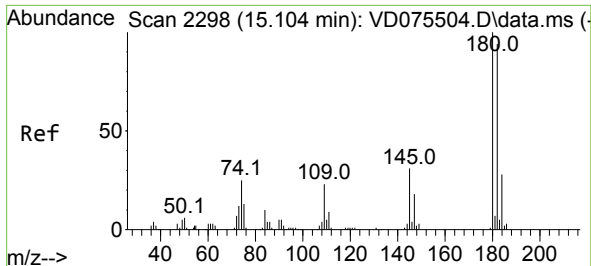
Tgt Ion:146 Resp: 227071
Ion Ratio Lower Upper
146 100
111 37.3 20.6 61.8
148 64.2 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.022 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion: 75 Resp: 12043
Ion Ratio Lower Upper
75 100
155 103.5 39.5 118.5
157 123.5 53.5 160.7

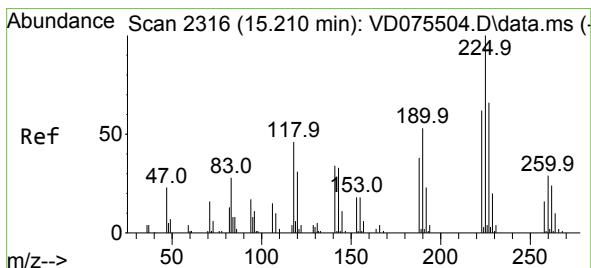
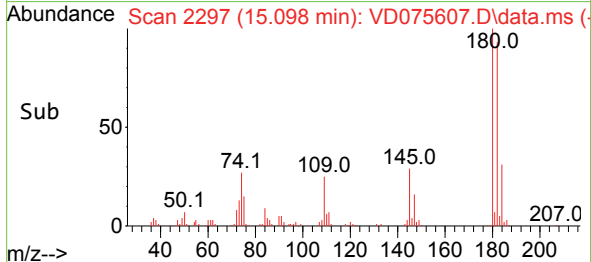
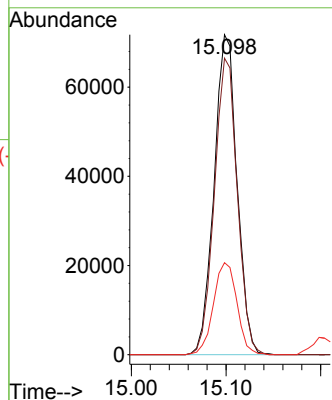
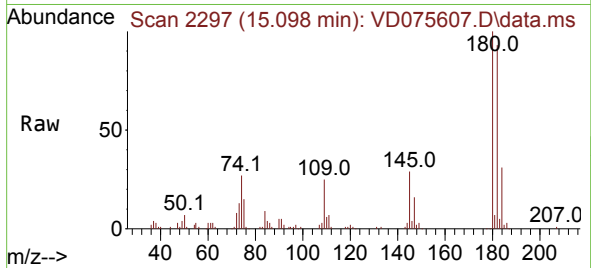




#93
1,2,4-Trichlorobenzene
Concen: 45.143 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

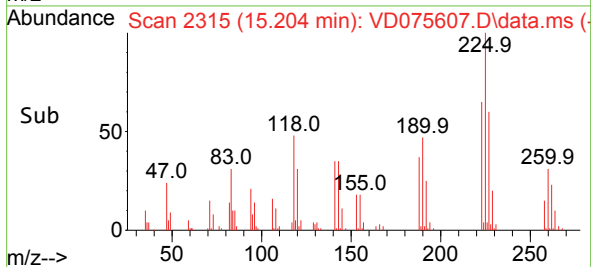
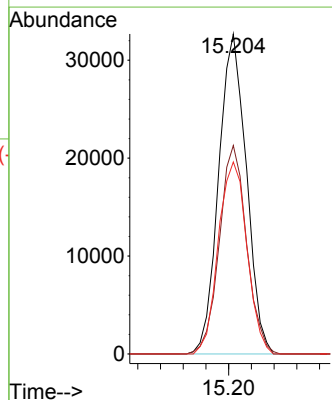
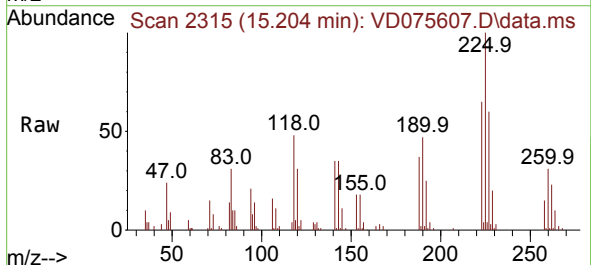
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

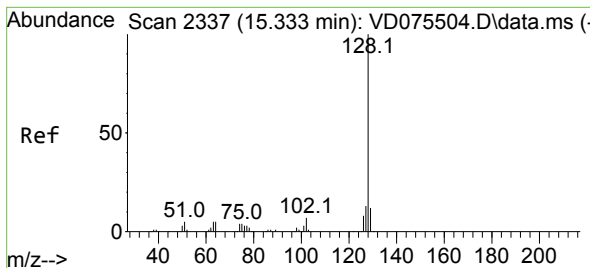
Tgt Ion:180 Resp: 121074
Ion Ratio Lower Upper
180 100
182 92.5 47.9 143.7
145 29.4 15.9 47.7



#94
Hexachlorobutadiene
Concen: 43.166 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.006 min
Lab File: VD075607.D
Acq: 07 Apr 2023 18:11

Tgt Ion:225 Resp: 55217
Ion Ratio Lower Upper
225 100
223 64.2 33.1 99.2
227 61.9 31.9 95.9





#95

Naphthalene

Concen: 46.647 ug/l

RT: 15.334 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD075607.D

Acq: 07 Apr 2023 18:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

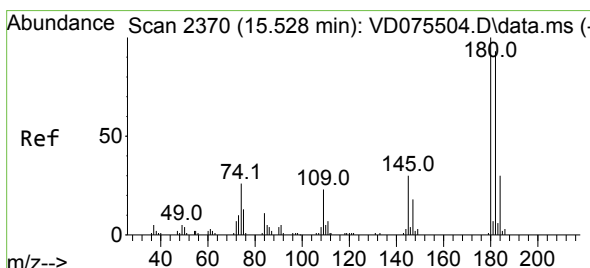
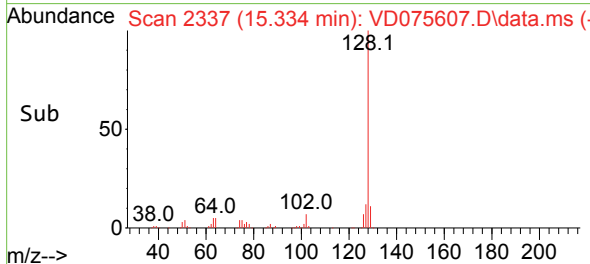
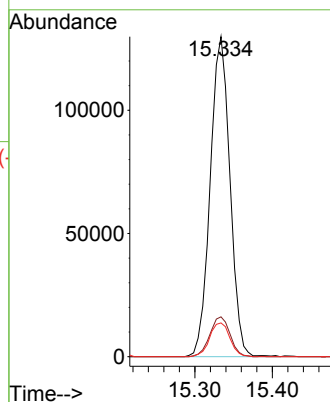
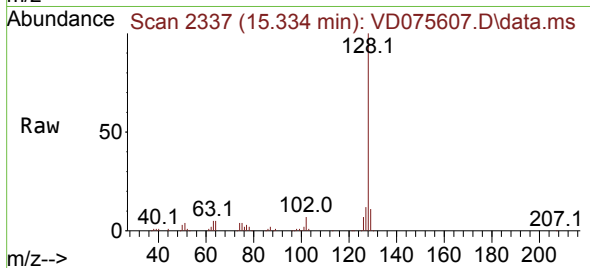
Tgt Ion:128 Resp: 229662

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 44.855 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD075607.D

Acq: 07 Apr 2023 18:11

Tgt Ion:180 Resp: 103807

Ion Ratio Lower Upper

180 100

182 94.9 47.7 143.1

145 31.5 16.4 49.4

