

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030823\
 Data File : VD075476.D
 Acq On : 08 Mar 2023 18:28
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 09 02:18:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 08 12:19:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	224650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	381019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	350342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	179387	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	82057	57.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.960%	
35) Dibromofluoromethane	7.810	113	110067	49.853	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.700%	
50) Toluene-d8	10.269	98	385217	48.186	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.380%	
62) 4-Bromofluorobenzene	12.575	95	125573	51.943	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.880%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	100932	45.552	ug/l	98
3) Chloromethane	2.152	50	179428	55.764	ug/l	99
4) Vinyl Chloride	2.287	62	259205	48.851	ug/l	97
5) Bromomethane	2.693	94	205853	48.063	ug/l	98
6) Chloroethane	2.840	64	175743	49.934	ug/l	97
7) Trichlorofluoromethane	3.181	101	203936	49.180	ug/l	99
8) Diethyl Ether	3.593	74	56451	50.358	ug/l	67
9) 1,1,2-Trichlorotrifluo...	3.969	101	132104	48.707	ug/l	94
10) Methyl Iodide	4.169	142	163930	54.666	ug/l	92
11) Tert butyl alcohol	5.046	59	17923	193.099	ug/l #	100
12) 1,1-Dichloroethene	3.946	96	130452	48.691	ug/l	87
13) Acrolein	3.799	56	47949	223.144	ug/l	99
14) Allyl chloride	4.569	41	115881	49.131	ug/l #	82
15) Acrylonitrile	5.264	53	104351	251.209	ug/l	97
16) Acetone	4.022	43	82383	227.664	ug/l #	76
17) Carbon Disulfide	4.275	76	419240	49.069	ug/l	97
18) Methyl Acetate	4.564	43	51686	47.574	ug/l #	69
19) Methyl tert-butyl Ether	5.316	73	239995	52.503	ug/l	92
20) Methylene Chloride	4.811	84	159793	57.000	ug/l #	74
21) trans-1,2-Dichloroethene	5.316	96	153894	51.456	ug/l #	78
22) Diisopropyl ether	6.216	45	265872	53.245	ug/l #	89
23) Vinyl Acetate	6.158	43	641479	260.891	ug/l #	84
24) 1,1-Dichloroethane	6.111	63	220674	51.121	ug/l	96
25) 2-Butanone	7.087	43	110126	235.259	ug/l #	70
26) 2,2-Dichloropropane	7.075	77	194471	49.803	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	168427	52.348	ug/l	81
28) Bromochloromethane	7.428	49	75906	52.551	ug/l #	49
29) Tetrahydrofuran	7.452	42	63005	243.335	ug/l #	52
30) Chloroform	7.599	83	247616	52.718	ug/l	95
31) Cyclohexane	7.881	56	174638	48.432	ug/l #	79
32) 1,1,1-Trichloroethane	7.793	97	217230	52.268	ug/l	95
36) 1,1-Dichloropropene	8.010	75	197045	52.851	ug/l	96
37) Ethyl Acetate	7.169	43	48460	50.401	ug/l #	80
38) Carbon Tetrachloride	7.999	117	178115	51.587	ug/l	96
39) Methylcyclohexane	9.275	83	244269	52.262	ug/l	90
40) Benzene	8.252	78	570780	52.700	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	24903	48.477	ug/l #	60
42) 1,2-Dichloroethane	8.328	62	126853	52.132	ug/l	91
43) Isopropyl Acetate	8.363	43	94445	51.417	ug/l #	78
44) Trichloroethene	9.028	130	163006	50.979	ug/l	89
45) 1,2-Dichloropropane	9.310	63	124743	52.344	ug/l	96
46) Dibromomethane	9.399	93	76809	53.232	ug/l	96
47) Bromodichloromethane	9.587	83	184857	53.140	ug/l	96
48) Methyl methacrylate	9.387	41	44180	50.944	ug/l #	56
49) 1,4-Dioxane	9.387	88	11107	811.720	ug/l #	77
51) 4-Methyl-2-Pentanone	10.163	43	235904	251.217	ug/l #	76
52) Toluene	10.334	92	381932	54.434	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	169292	53.645	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	206891	53.194	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	105843	52.605	ug/l	91
56) Ethyl methacrylate	10.599	69	106302	53.157	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	168843	52.919	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	270796	275.438	ug/l #	87
59) 2-Hexanone	10.922	43	163188	246.336	ug/l	70
60) Dibromochloromethane	11.075	129	127858	53.309	ug/l	99
61) 1,2-Dibromoethane	11.181	107	100492	52.887	ug/l	95
64) Tetrachloroethene	10.810	164	131530	49.266	ug/l	97
65) Chlorobenzene	11.610	112	402940	51.632	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	136805	51.645	ug/l	96
67) Ethyl Benzene	11.687	91	703790	52.811	ug/l	98
68) m/p-Xylenes	11.798	106	578658	106.630	ug/l	91
69) o-Xylene	12.122	106	262650	53.235	ug/l	95
70) Styrene	12.140	104	457244	54.650	ug/l	94
71) Bromoform	12.298	173	70492	51.673	ug/l #	98
73) Isopropylbenzene	12.422	105	681006	50.973	ug/l	98
74) N-amyl acetate	12.240	43	83822	49.011	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.675	83	110556	48.481	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	129583	91.183	ug/l #	100
77) Bromobenzene	12.704	156	156060	49.811	ug/l	89
78) n-propylbenzene	12.769	91	827044	51.076	ug/l	97
79) 2-Chlorotoluene	12.851	91	434214	49.624	ug/l	92
80) 1,3,5-Trimethylbenzene	12.910	105	559454	51.245	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	32486	47.422	ug/l #	72
82) 4-Chlorotoluene	12.951	91	447802	49.389	ug/l	93
83) tert-Butylbenzene	13.169	119	478595	51.135	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	557095	51.829	ug/l	96
85) sec-Butylbenzene	13.345	105	736468	50.645	ug/l	97
86) p-Isopropyltoluene	13.463	119	628293	51.986	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	328733	50.498	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	319594	49.807	ug/l	97
89) n-Butylbenzene	13.792	91	556255	49.531	ug/l	98
90) Hexachloroethane	14.057	117	114138	48.680	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	275111	49.403	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	14581	48.680	ug/l	82
93) 1,2,4-Trichlorobenzene	15.104	180	150477	47.986	ug/l	97
94) Hexachlorobutadiene	15.210	225	72525	45.712	ug/l	99
95) Naphthalene	15.334	128	283658	48.176	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	127959	47.041	ug/l	99

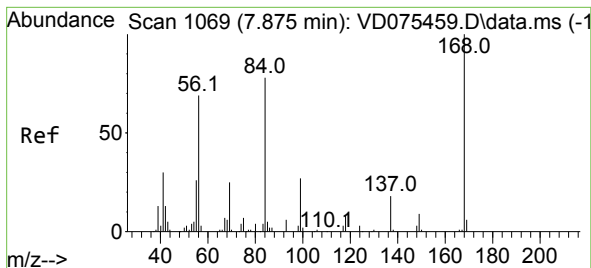
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

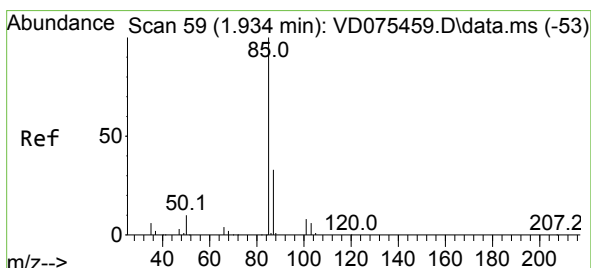
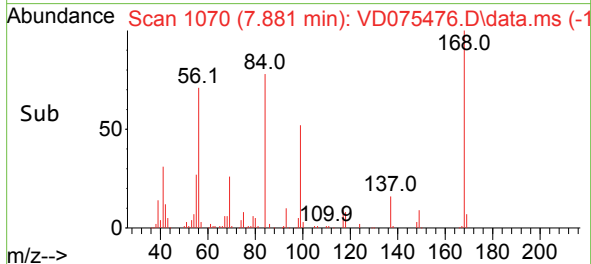
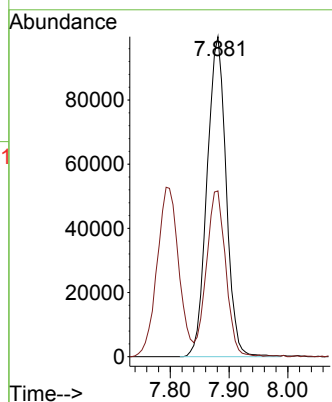
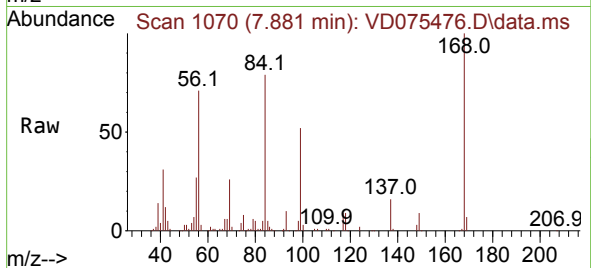
VSTDCCC050EC

Tgt Ion:168 Resp: 224650

Ion Ratio Lower Upper

168 100

99 51.6 43.8 65.6



#2

Dichlorodifluoromethane

Concen: 45.552 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD075476.D

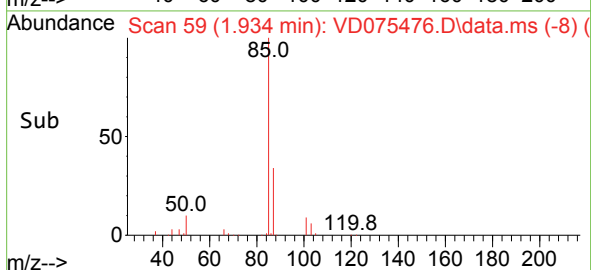
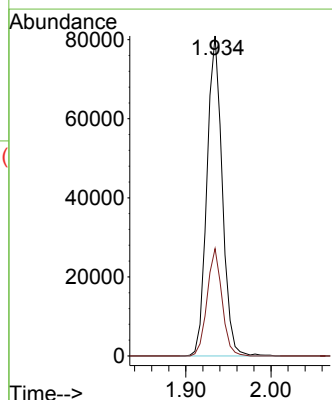
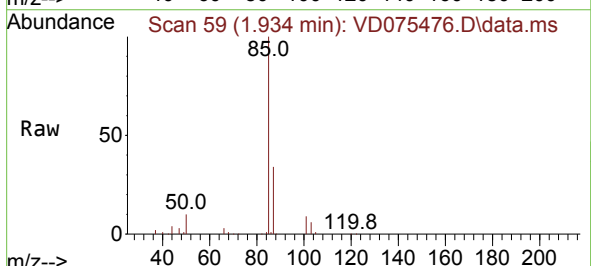
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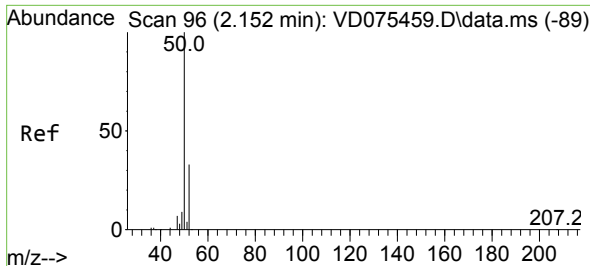
Tgt Ion: 85 Resp: 100932

Ion Ratio Lower Upper

85 100

87 33.5 17.3 51.7

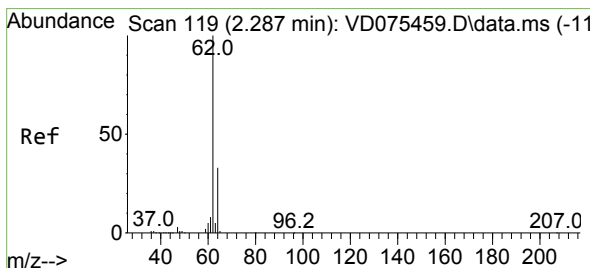
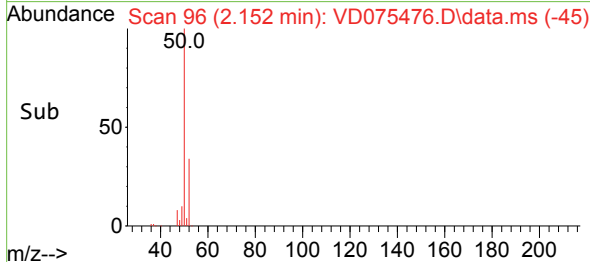
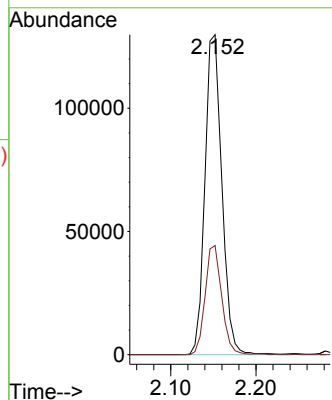
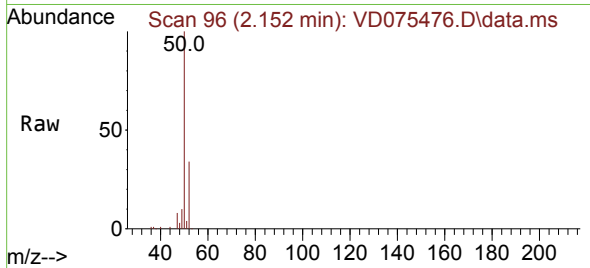




#3
Chloromethane
Concen: 55.764 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

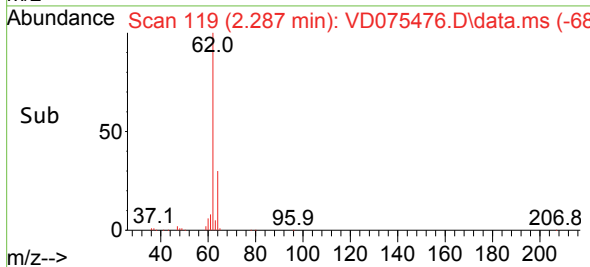
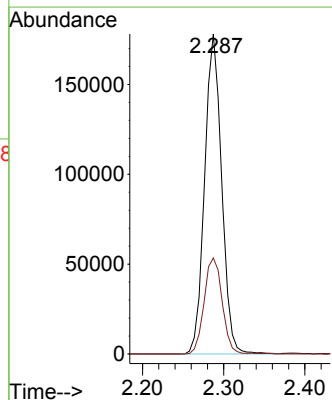
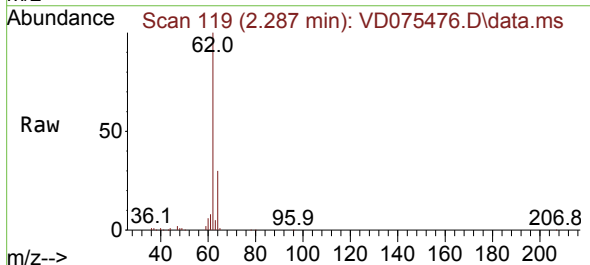
Instrument :
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ClientSampleId :
VSTDCCC050EC

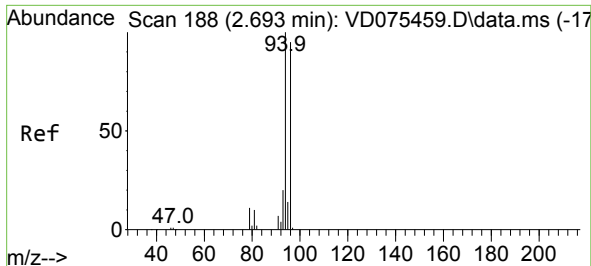
Tgt Ion: 50 Resp: 179428
Ion Ratio Lower Upper
50 100
52 34.1 27.8 41.8



#4
Vinyl Chloride
Concen: 48.851 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion: 62 Resp: 259205
Ion Ratio Lower Upper
62 100
64 30.0 25.4 38.0

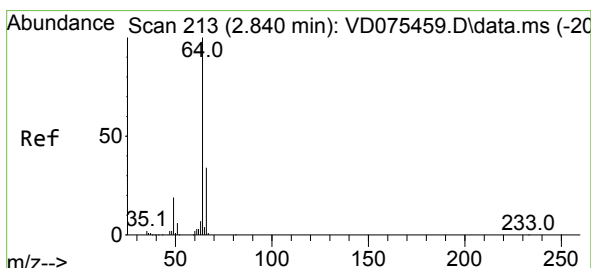
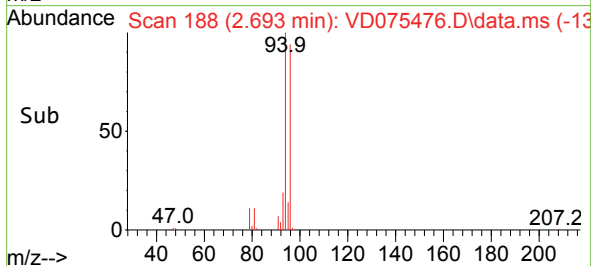
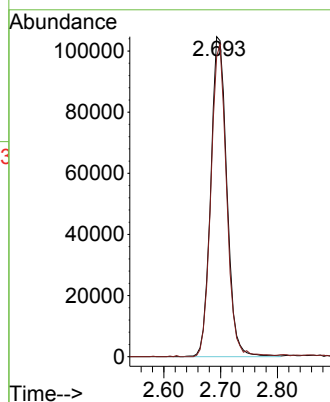
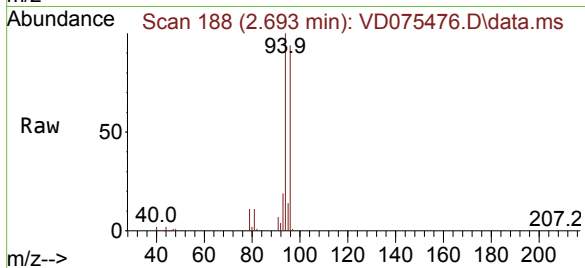




#5
Bromomethane
Concen: 48.063 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

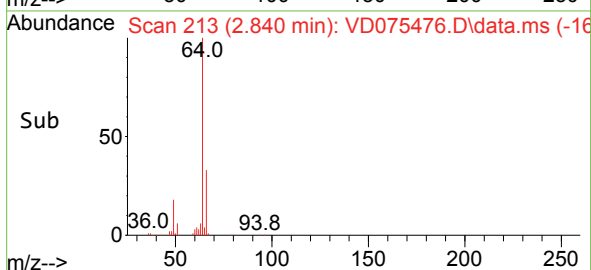
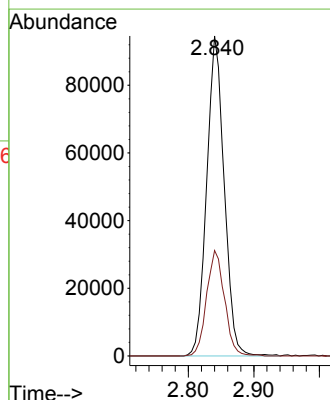
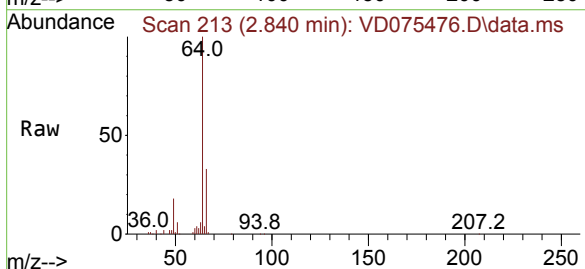
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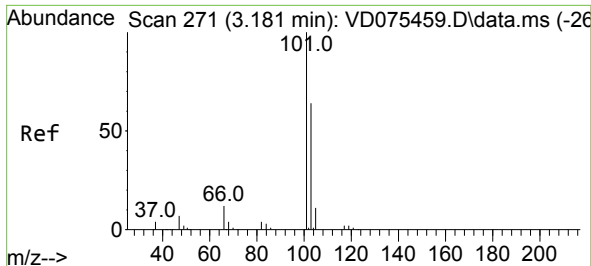
Tgt Ion: 94 Resp: 205853
Ion Ratio Lower Upper
94 100
96 95.1 77.5 116.3



#6
Chloroethane
Concen: 49.934 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion: 64 Resp: 175743
Ion Ratio Lower Upper
64 100
66 33.0 27.7 41.5

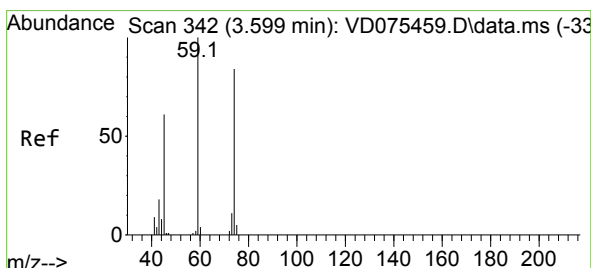
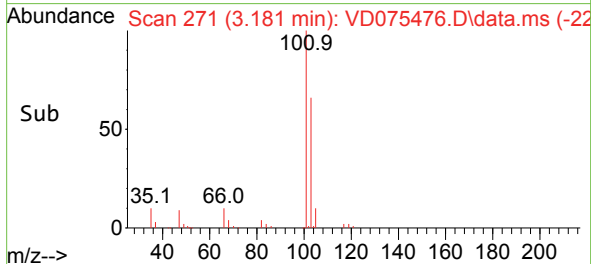
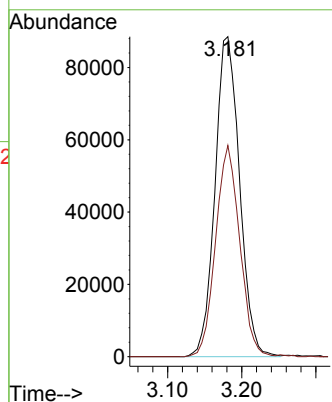
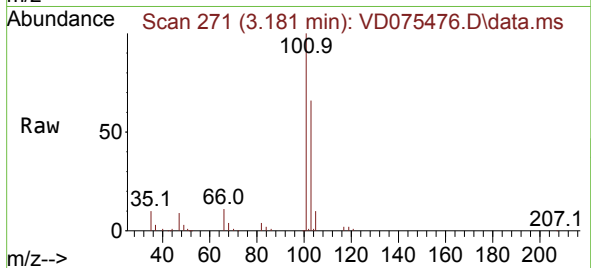




#7
Trichlorofluoromethane
Concen: 49.180 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

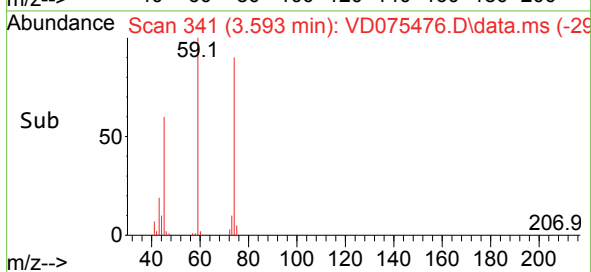
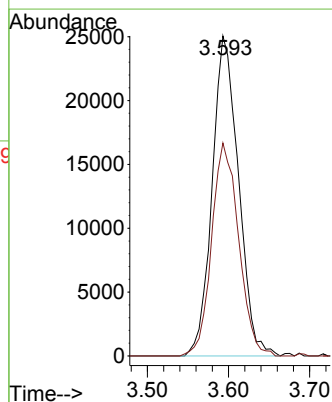
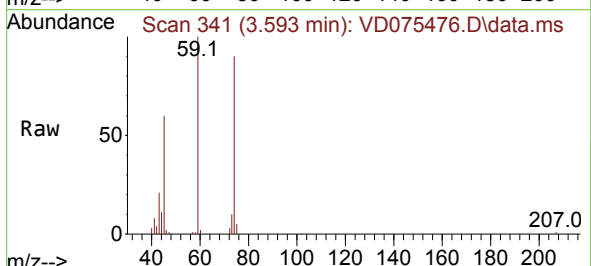
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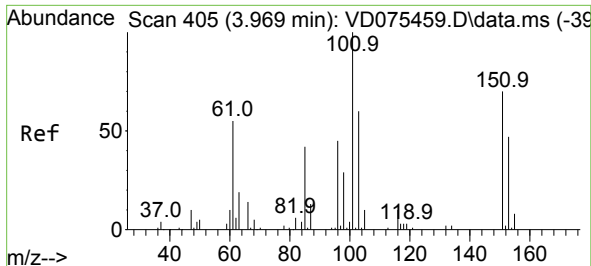
Tgt Ion:101 Resp: 203936
Ion Ratio Lower Upper
101 100
103 66.0 51.9 77.9



#8
Diethyl Ether
Concen: 50.358 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion: 74 Resp: 56451
Ion Ratio Lower Upper
74 100
45 68.3 50.9 152.7

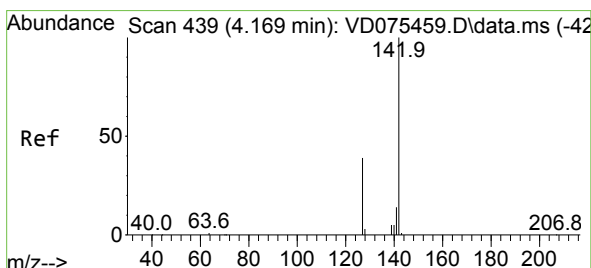
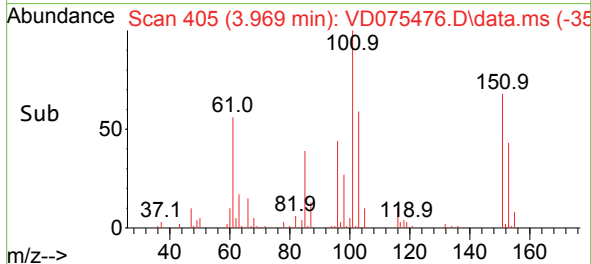
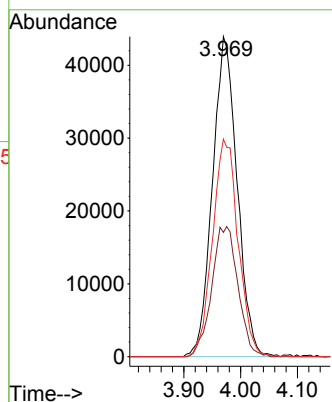
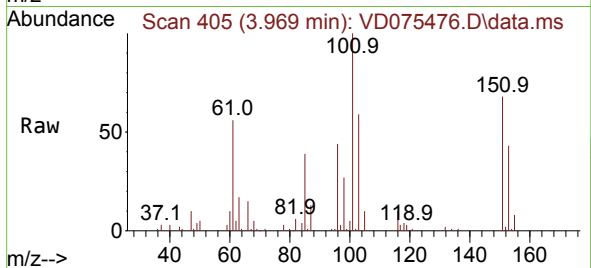




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.707 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD075476.D
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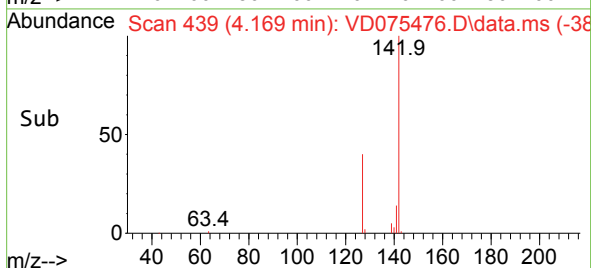
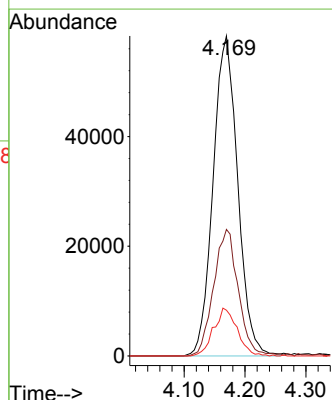
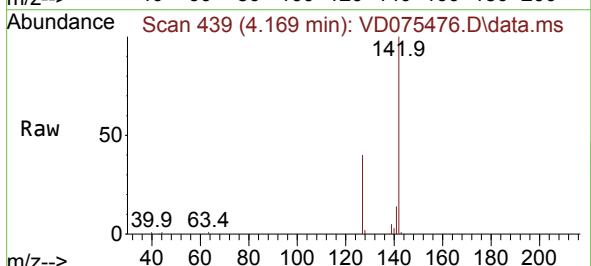
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

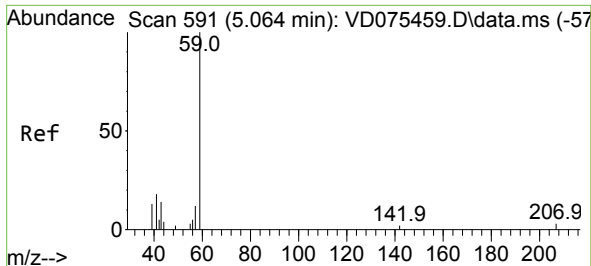
Tgt Ion:101 Resp: 132104
Ion Ratio Lower Upper
101 100
85 43.4 38.3 57.5
151 70.9 60.4 90.6



#10
Methyl Iodide
Concen: 54.666 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion:142 Resp: 163930
Ion Ratio Lower Upper
142 100
127 39.5 37.1 55.7
141 14.3 11.3 16.9

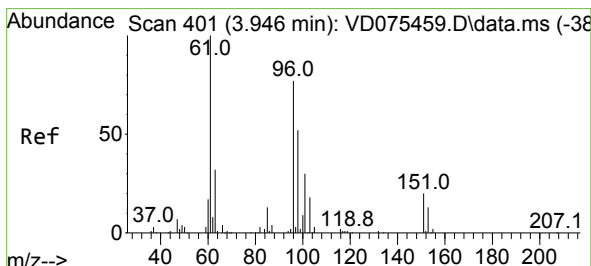
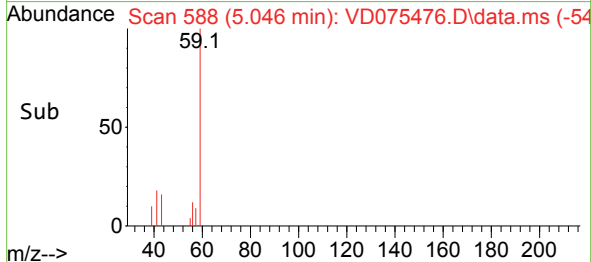
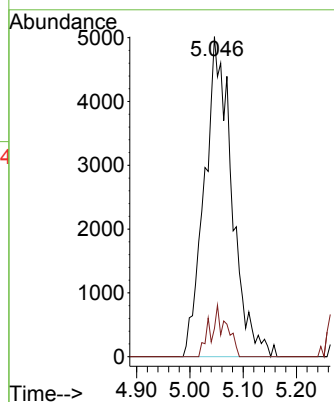
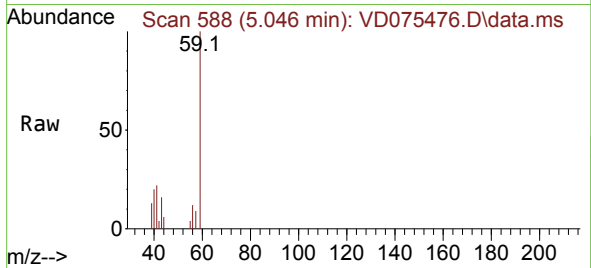




#11
Tert butyl alcohol
Concen: 193.099 ug/l
RT: 5.046 min Scan# 591
Delta R.T. -0.018 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

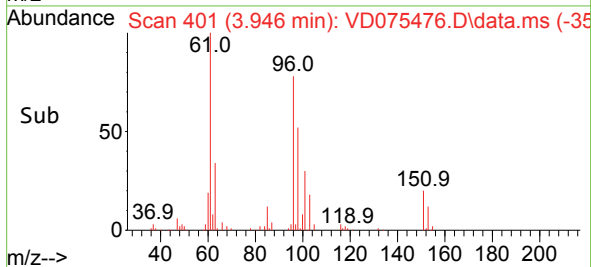
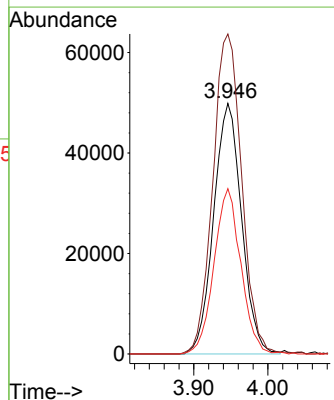
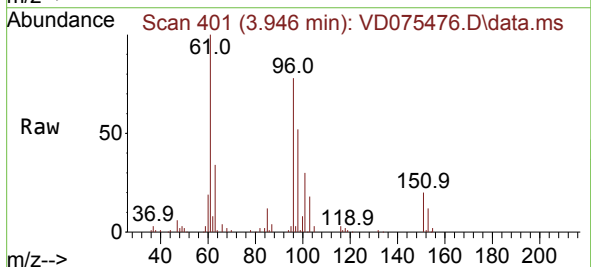
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

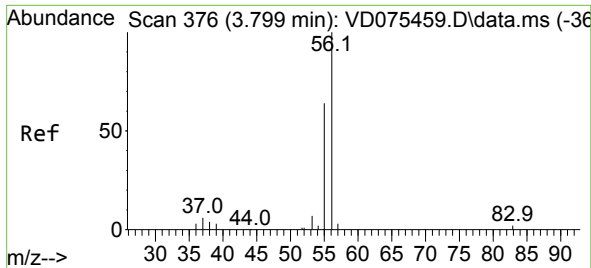
Tgt Ion: 59 Resp: 17923
Ion Ratio Lower Upper
59 100
57 9.4 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 48.691 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion: 96 Resp: 130452
Ion Ratio Lower Upper
96 100
61 127.7 118.6 177.8
98 66.0 49.7 74.5





#13

Acrolein

Concen: 223.144 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

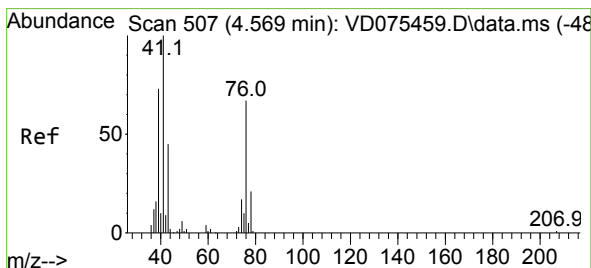
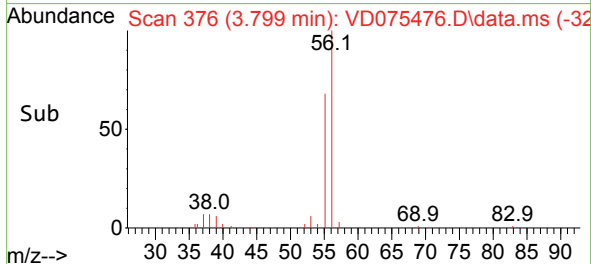
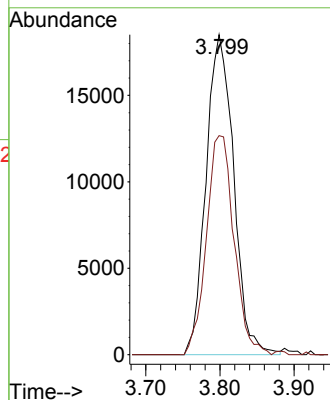
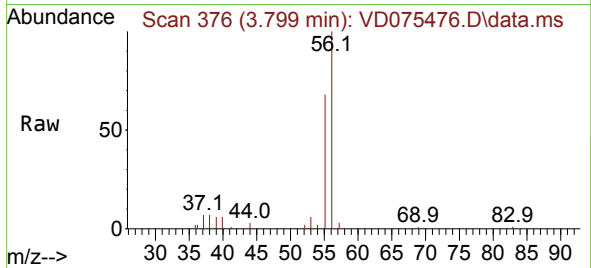
VSTDCCC050EC

Tgt Ion: 56 Resp: 47949

Ion Ratio Lower Upper

56 100

55 68.4 53.9 80.9



#14

Allyl chloride

Concen: 49.131 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

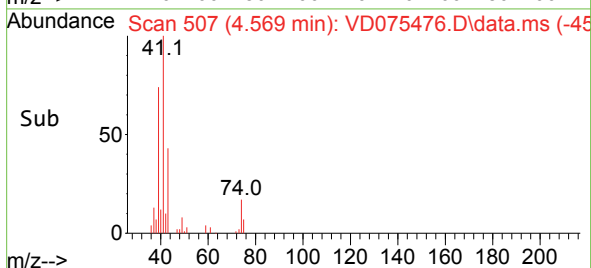
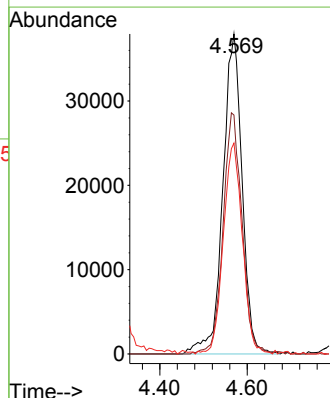
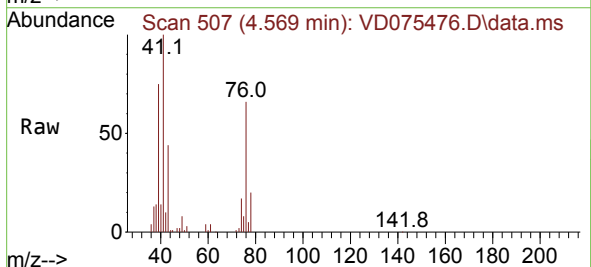
Tgt Ion: 41 Resp: 115881

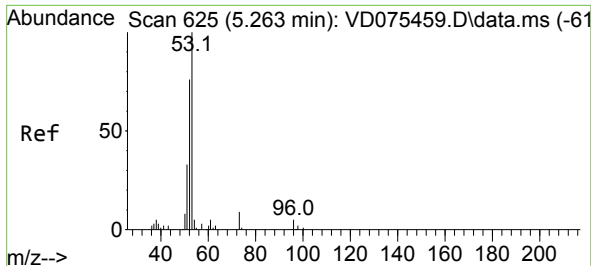
Ion Ratio Lower Upper

41 100

39 74.0 60.6 90.8

76 65.3 28.6 43.0#

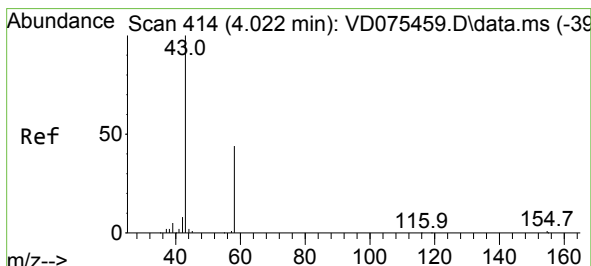
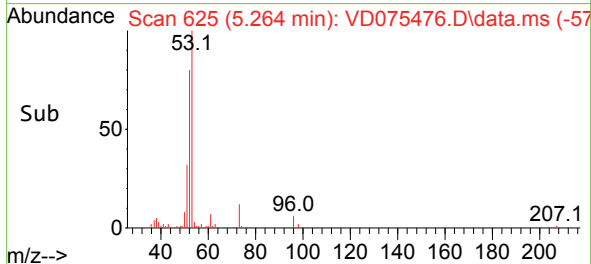
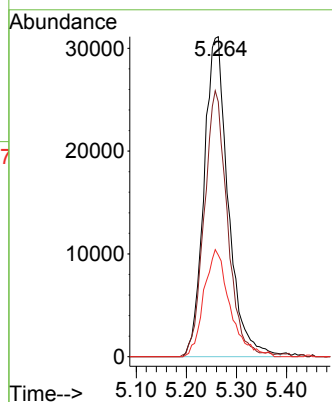
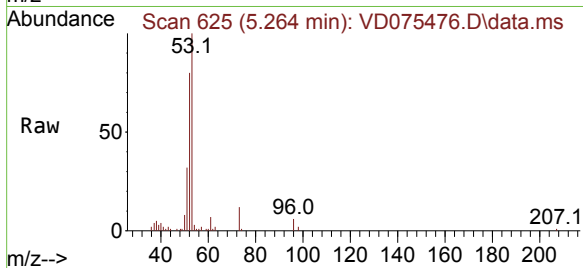




#15
Acrylonitrile
Concen: 251.209 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.001 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

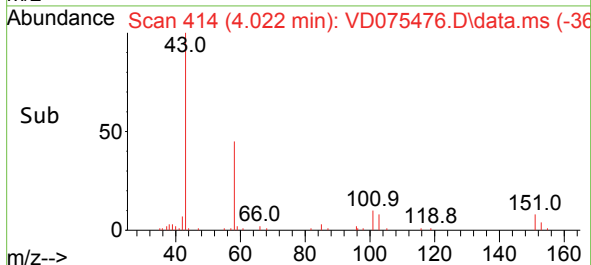
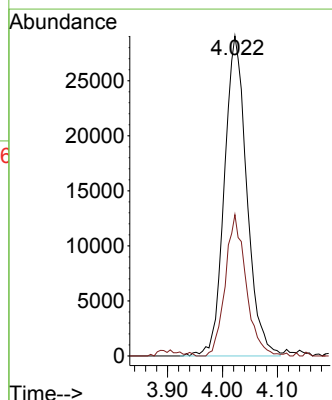
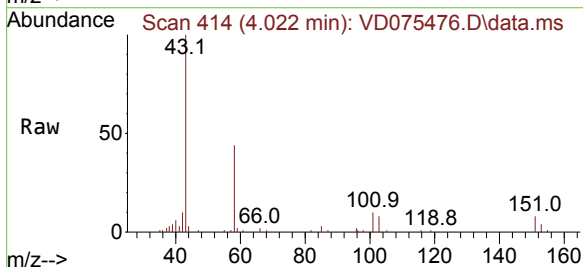
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

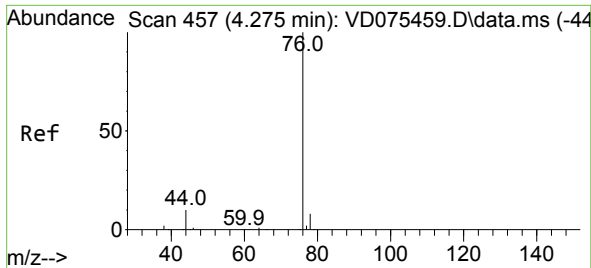
Tgt Ion: 53 Resp: 104351
Ion Ratio Lower Upper
53 100
52 79.9 66.2 99.4
51 36.1 30.7 46.1



#16
Acetone
Concen: 227.664 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion: 43 Resp: 82383
Ion Ratio Lower Upper
43 100
58 43.6 24.4 36.6#

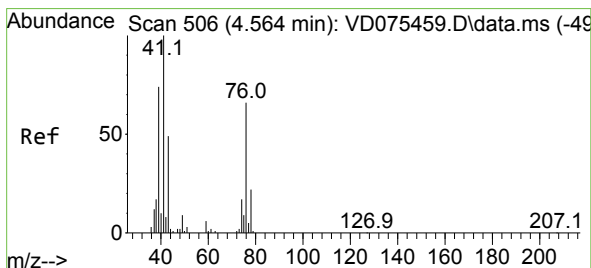
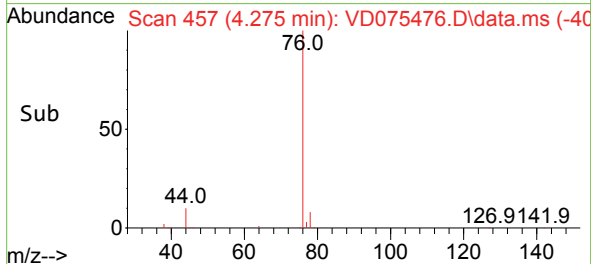
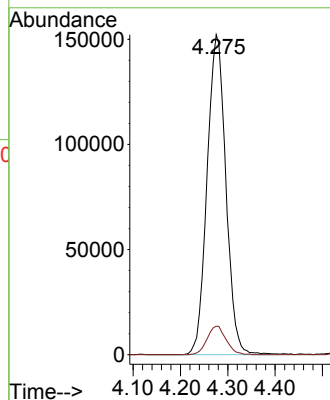
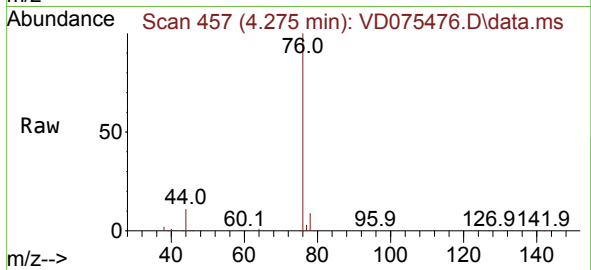




#17
Carbon Disulfide
Concen: 49.069 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

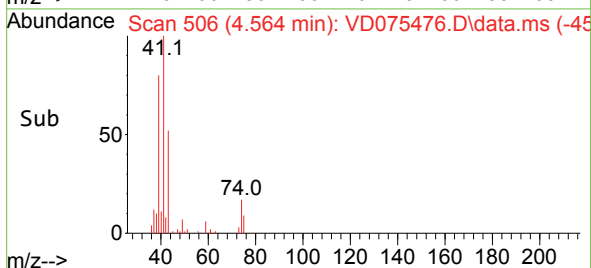
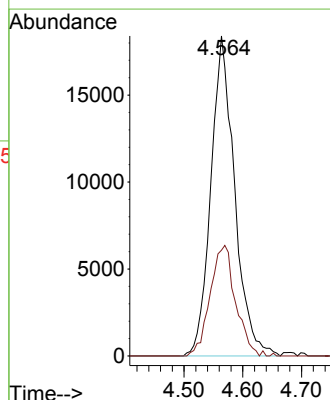
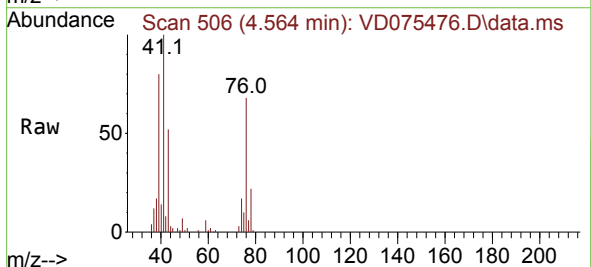
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

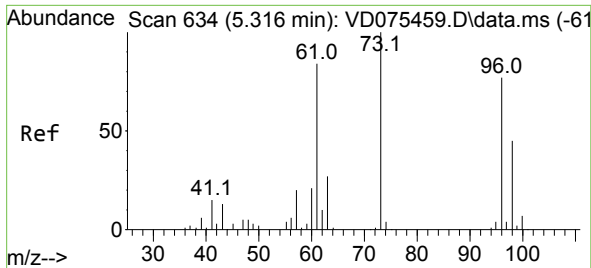
Tgt Ion: 76 Resp: 419240
Ion Ratio Lower Upper
76 100
78 8.9 8.0 12.0



#18
Methyl Acetate
Concen: 47.574 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion: 43 Resp: 51686
Ion Ratio Lower Upper
43 100
74 37.0 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 52.503 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

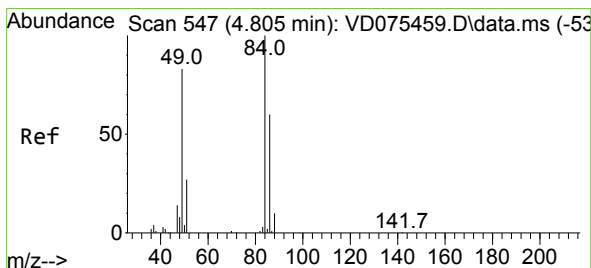
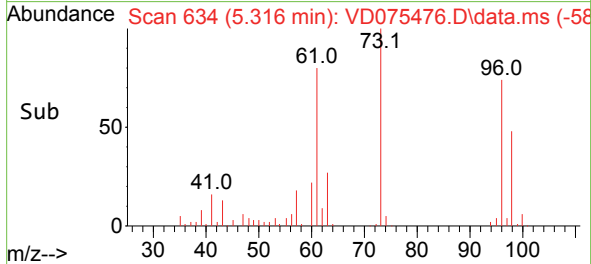
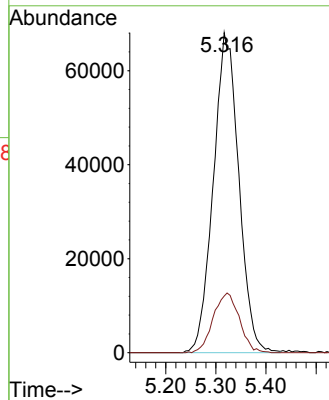
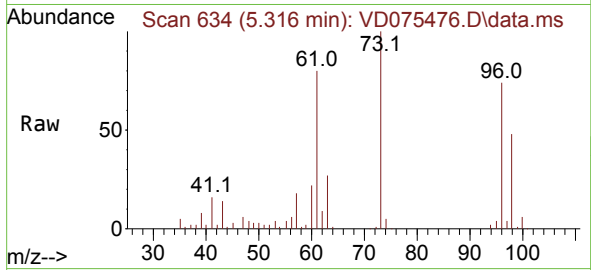
VSTDCCC050EC

Tgt Ion: 73 Resp: 239995

Ion Ratio Lower Upper

73 100

57 17.7 17.2 25.8



#20

Methylene Chloride

Concen: 57.000 ug/l

RT: 4.811 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Tgt Ion: 84 Resp: 159793

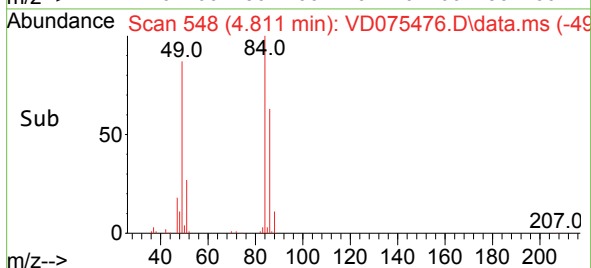
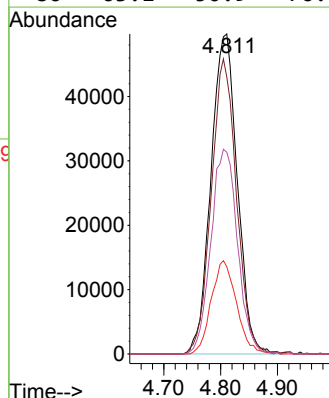
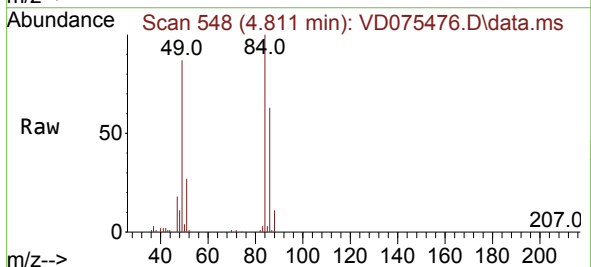
Ion Ratio Lower Upper

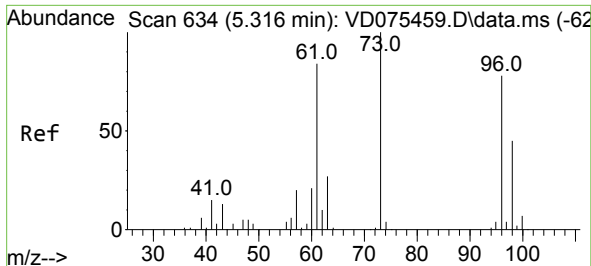
84 100

49 86.6 106.4 159.6#

51 27.3 32.4 48.6#

86 63.1 50.9 76.3

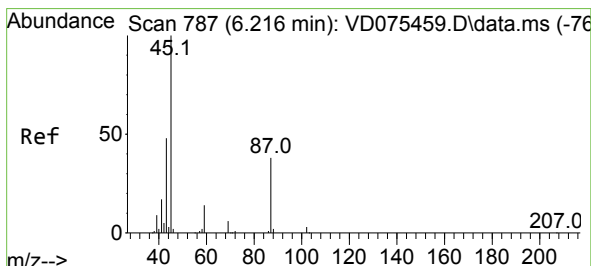
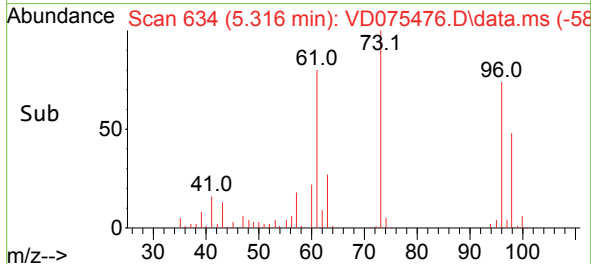
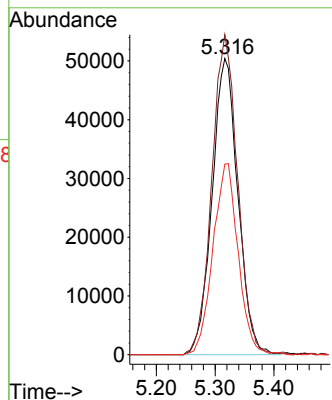
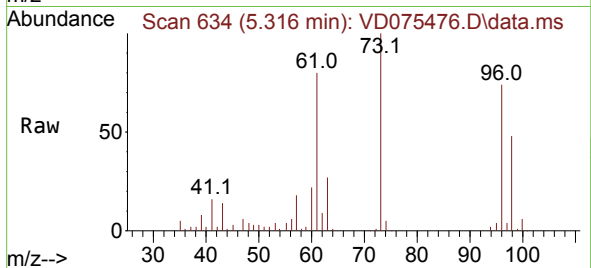




#21
trans-1,2-Dichloroethene
Concen: 51.456 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

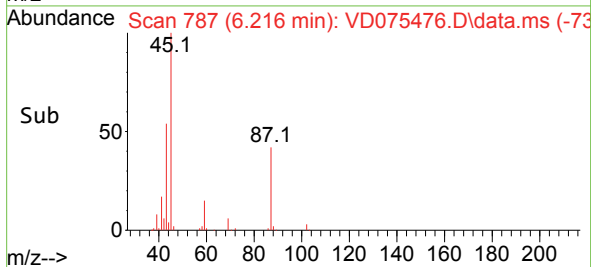
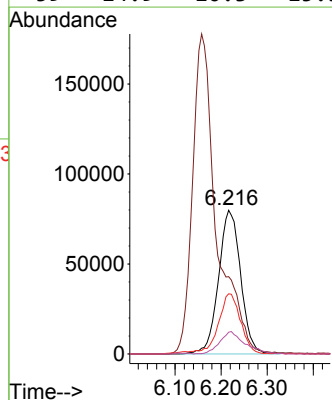
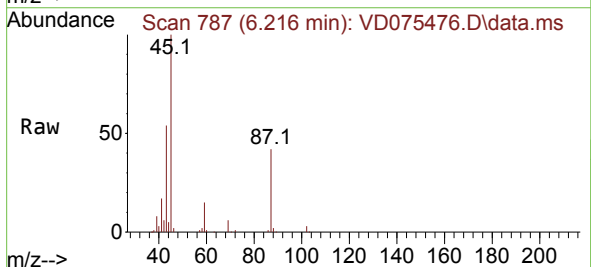
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

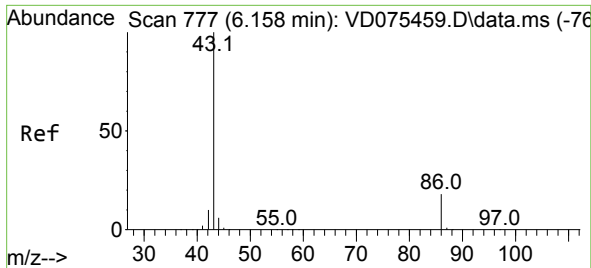
Tgt Ion: 96 Resp: 153894
Ion Ratio Lower Upper
96 100
61 108.0 117.2 175.8#
98 64.4 50.6 76.0



#22
Diisopropyl ether
Concen: 53.245 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion: 45 Resp: 265872
Ion Ratio Lower Upper
45 100
43 53.1 44.4 66.6
87 41.5 20.9 31.3#
59 14.9 10.3 15.5

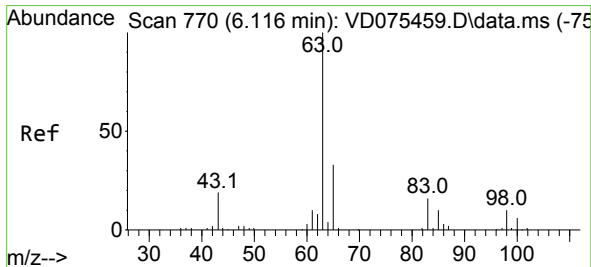
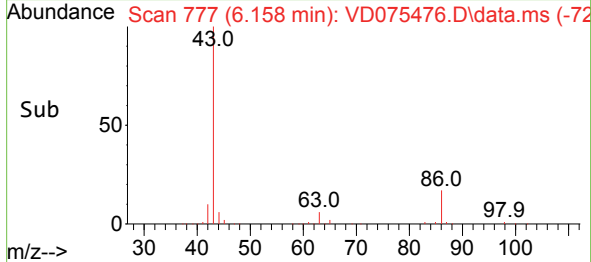
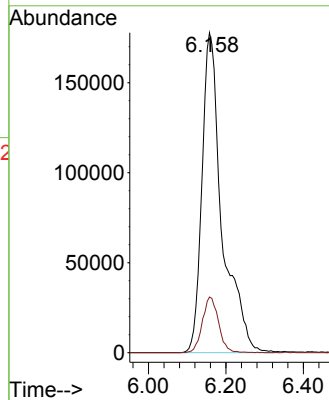
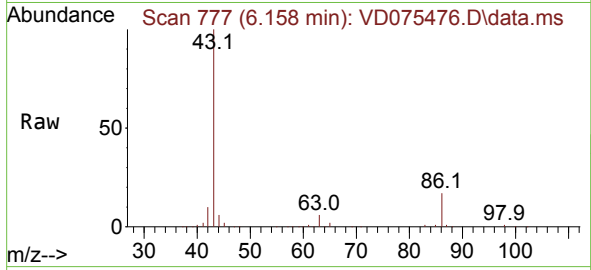




#23
 Vinyl Acetate
 Concen: 260.891 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD075476.D
 Acq: 08 Mar 2023 18:28

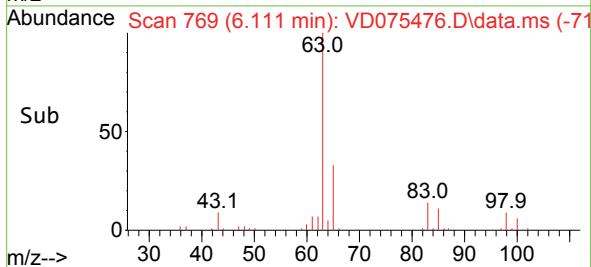
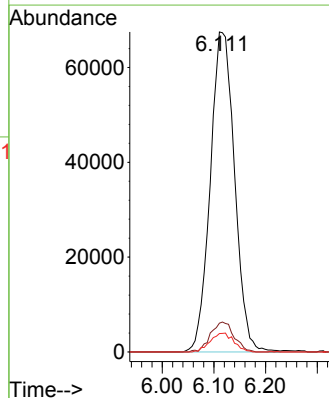
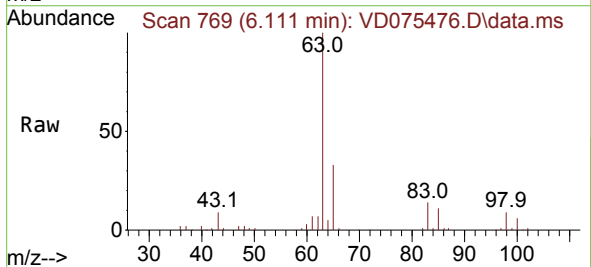
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

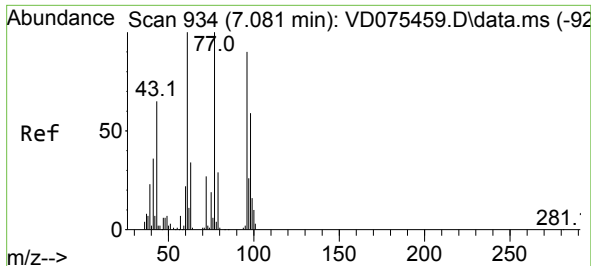
Tgt Ion: 43 Resp: 641479
 Ion Ratio Lower Upper
 43 100
 86 17.4 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 51.121 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.005 min
 Lab File: VD075476.D
 Acq: 08 Mar 2023 18:28

Tgt Ion: 63 Resp: 220674
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.9 11.7
 100 5.8 2.0 6.0

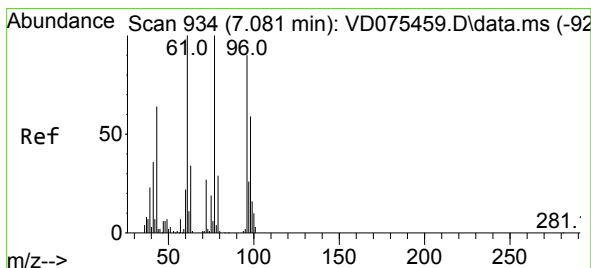
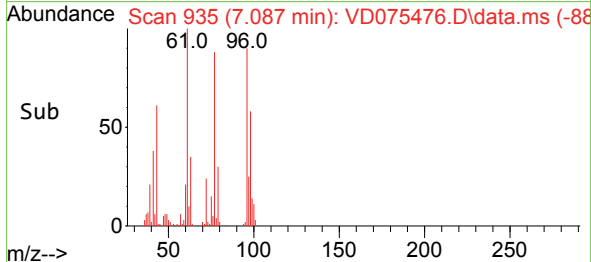
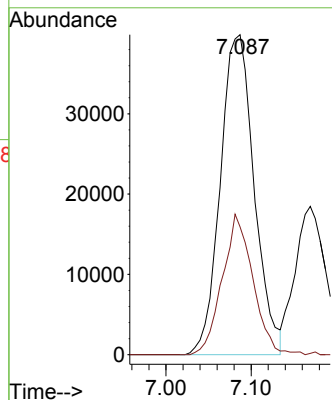
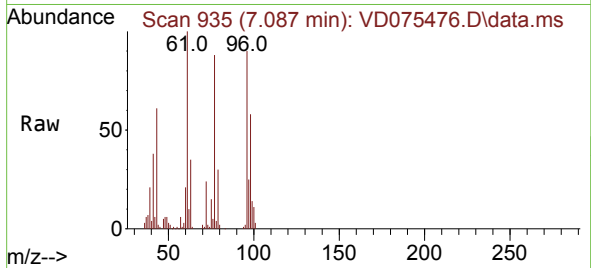




#25
2-Butanone
Concen: 235.259 ug/l
RT: 7.087 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

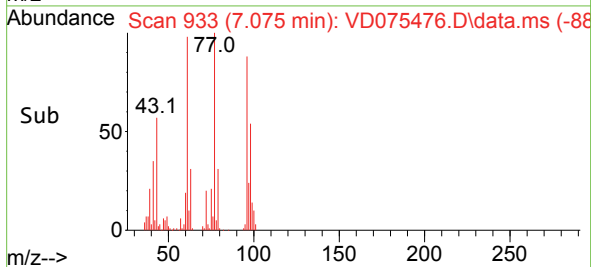
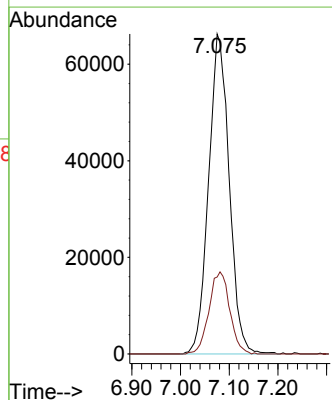
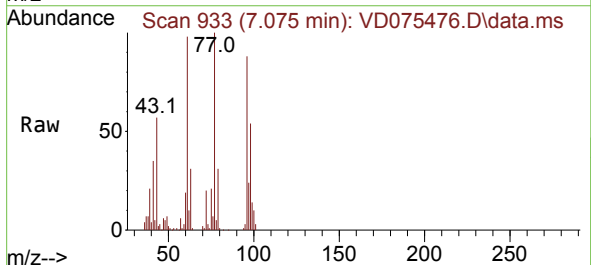
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

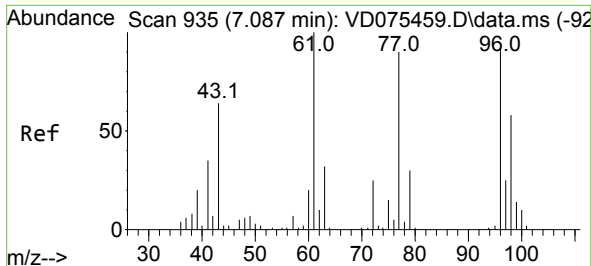
Tgt Ion: 43 Resp: 110126
Ion Ratio Lower Upper
43 100
72 39.9 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 49.803 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion: 77 Resp: 194471
Ion Ratio Lower Upper
77 100
97 25.9 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 52.348 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

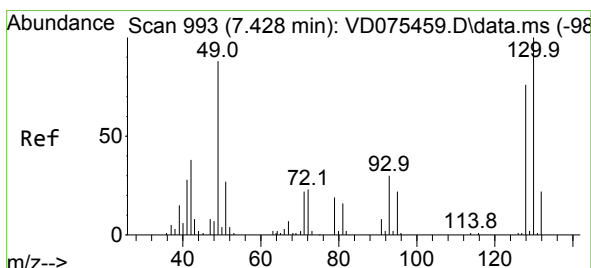
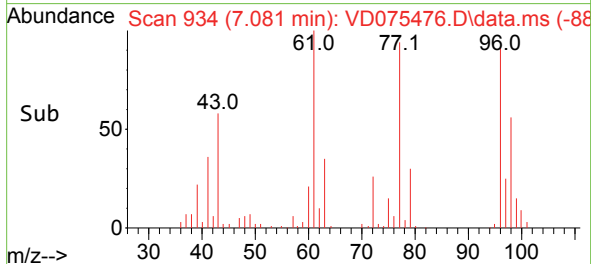
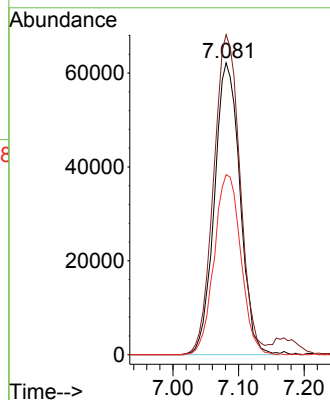
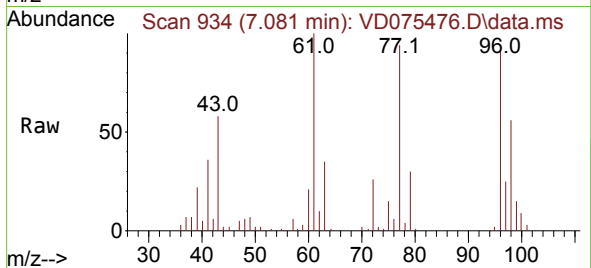
Tgt Ion: 96 Resp: 168427

Ion Ratio Lower Upper

96 100

61 113.2 0.0 295.2

98 64.2 0.0 129.2



#28

Bromochloromethane

Concen: 52.551 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

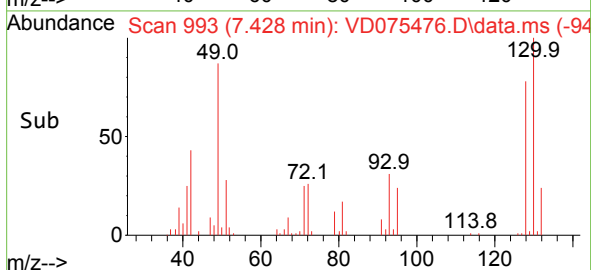
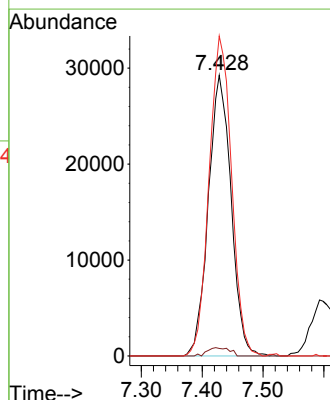
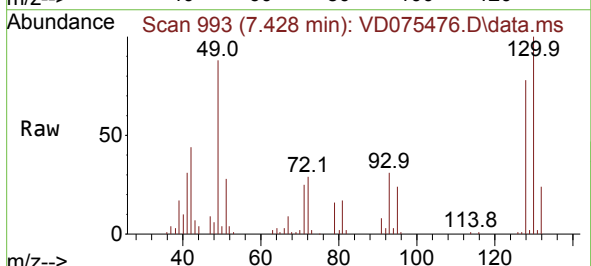
Tgt Ion: 49 Resp: 75906

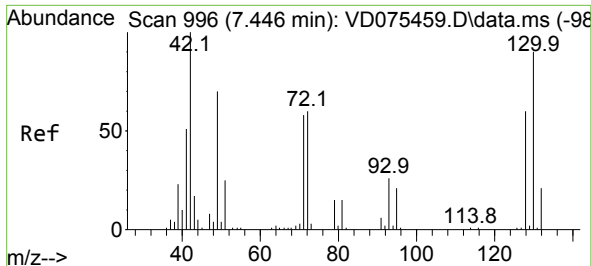
Ion Ratio Lower Upper

49 100

129 2.9 0.0 2.2#

130 112.7 56.0 84.0#





#29

Tetrahydrofuran

Concen: 243.335 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

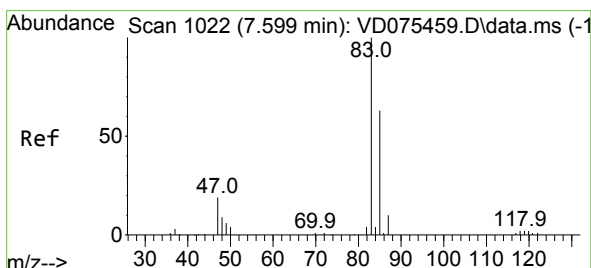
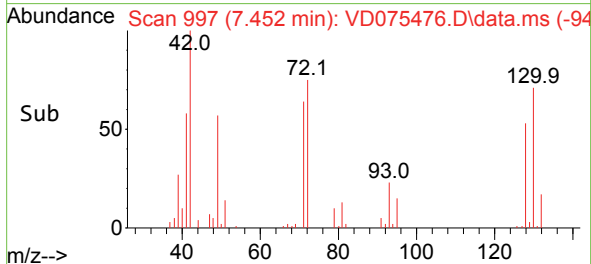
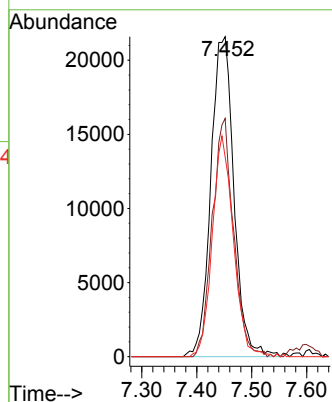
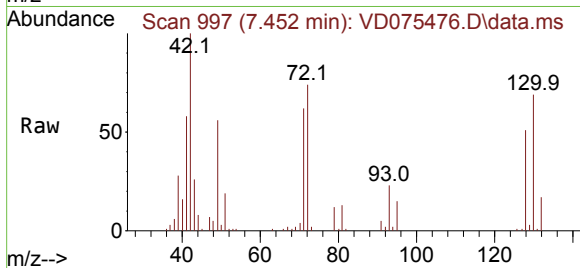
Tgt Ion: 42 Resp: 63005

Ion Ratio Lower Upper

42 100

72 68.8 31.8 47.6#

71 63.0 27.6 41.4#



#30

Chloroform

Concen: 52.718 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075476.D

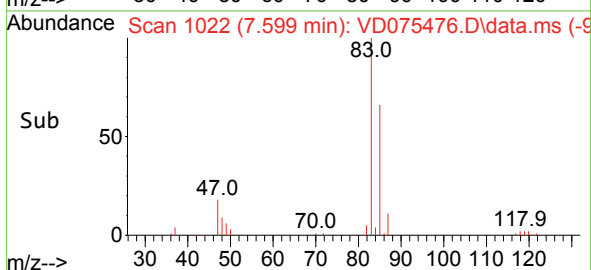
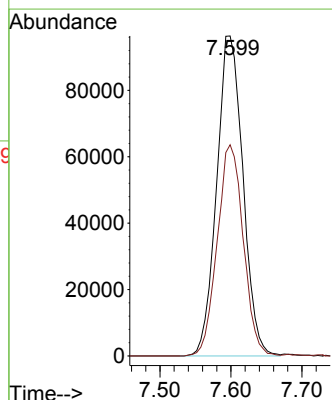
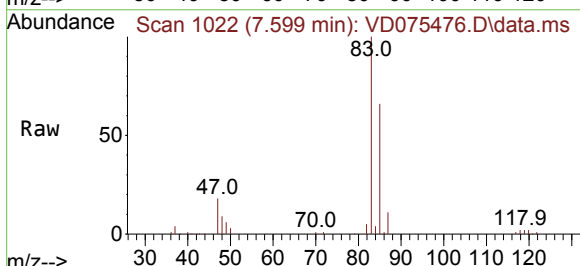
Acq: 08 Mar 2023 18:28

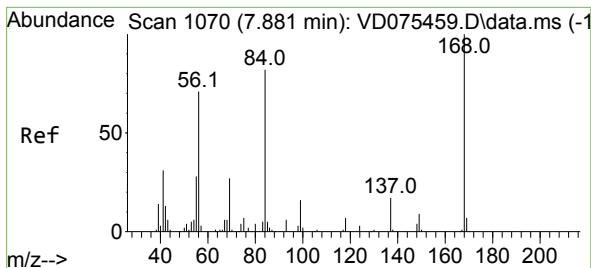
Tgt Ion: 83 Resp: 247616

Ion Ratio Lower Upper

83 100

85 66.0 49.4 74.2





#31

Cyclohexane

Concen: 48.432 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

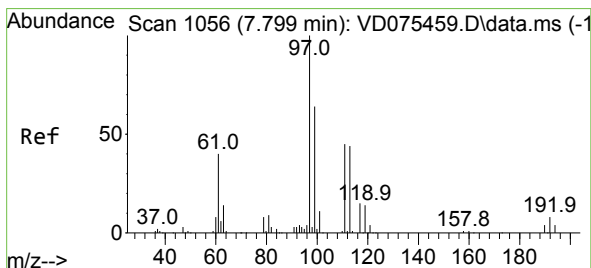
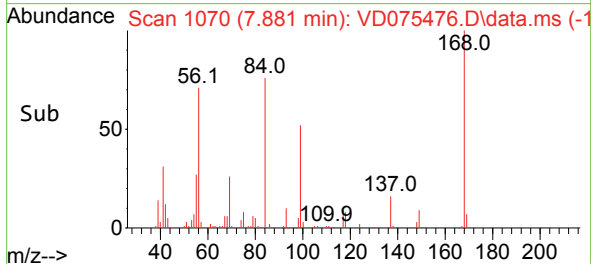
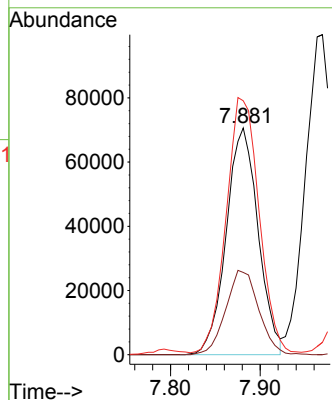
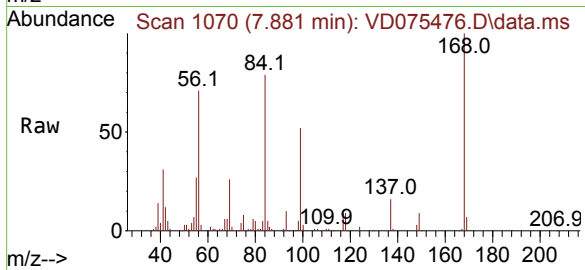
Tgt Ion: 56 Resp: 174638

Ion Ratio Lower Upper

56 100

69 36.0 25.5 38.3

84 110.7 69.6 104.4#



#32

1,1,1-Trichloroethane

Concen: 52.268 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

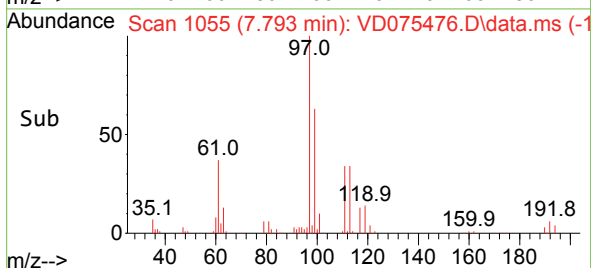
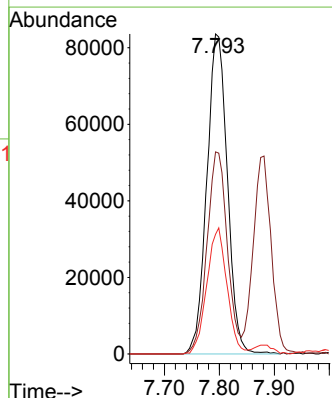
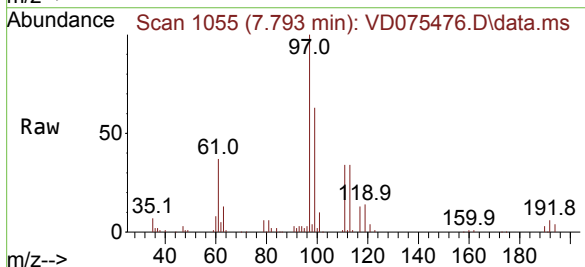
Tgt Ion: 97 Resp: 217230

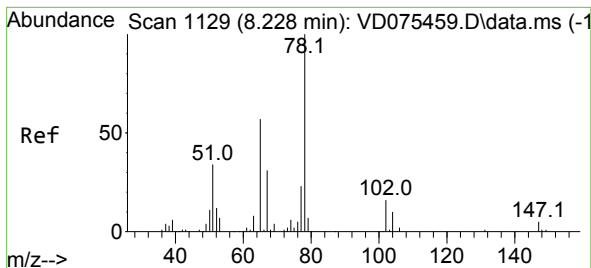
Ion Ratio Lower Upper

97 100

99 62.5 50.5 75.7

61 38.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 57.484 ug/l

RT: 8.234 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

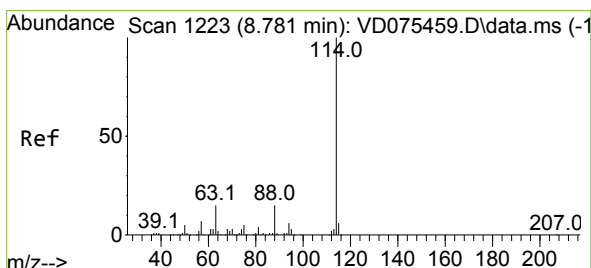
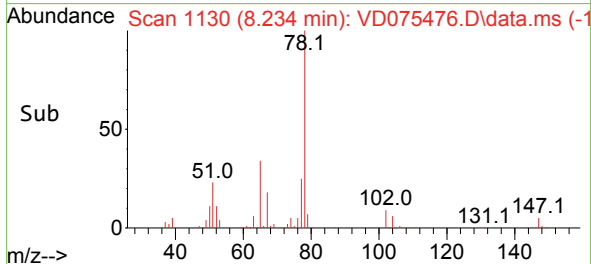
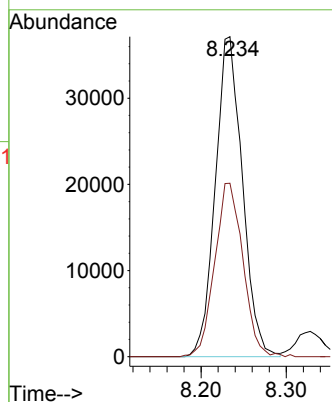
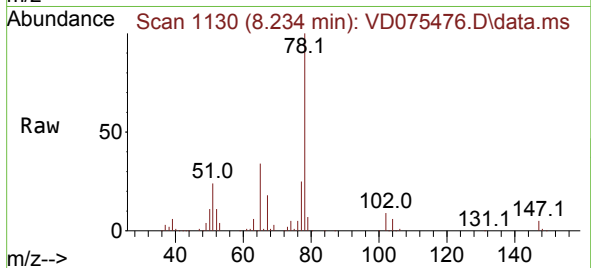
VSTDCCC050EC

Tgt Ion: 65 Resp: 82057

Ion Ratio Lower Upper

65 100

67 56.5 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

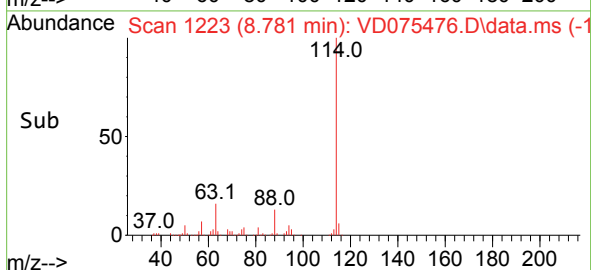
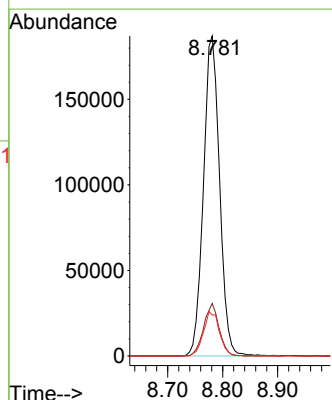
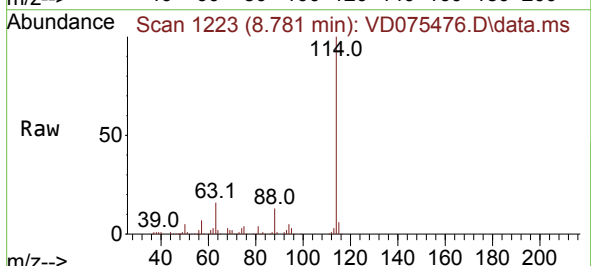
Tgt Ion: 114 Resp: 381019

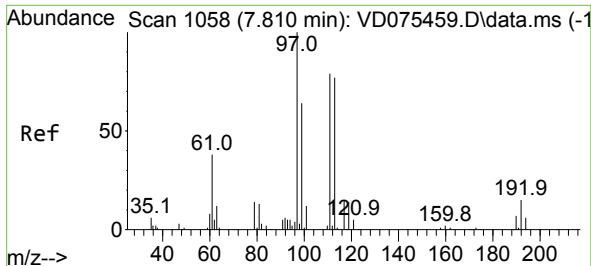
Ion Ratio Lower Upper

114 100

63 16.4 0.0 41.6

88 12.8 0.0 30.6

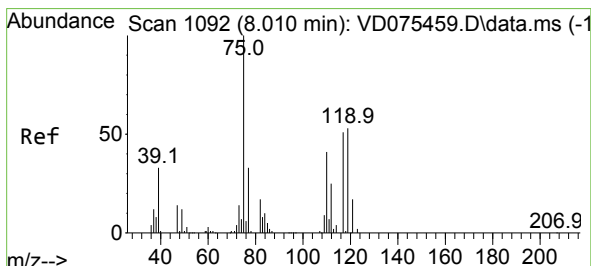
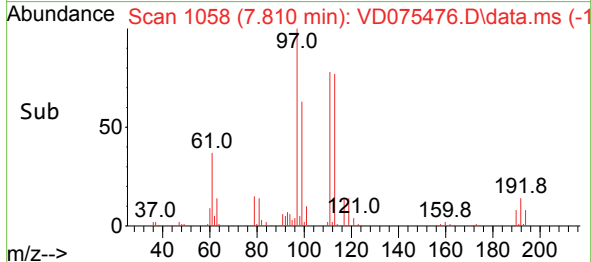
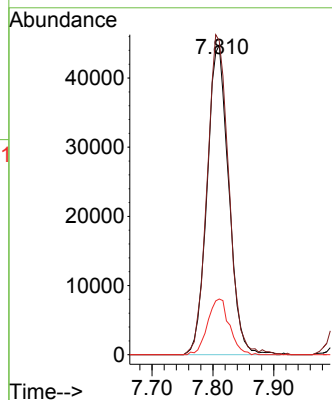
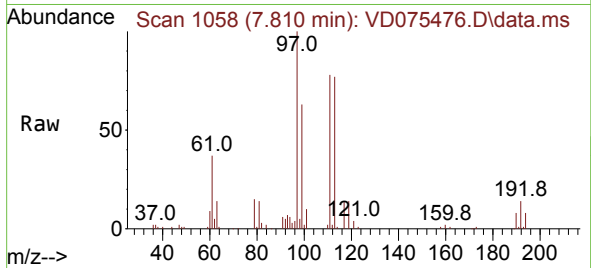




#35
Dibromofluoromethane
Concen: 49.853 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

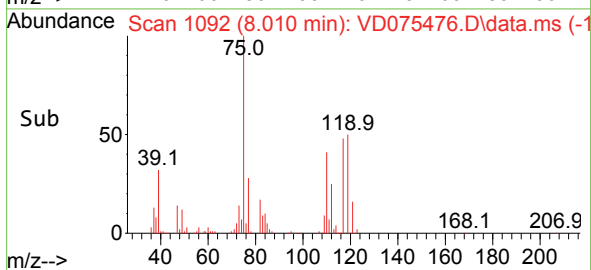
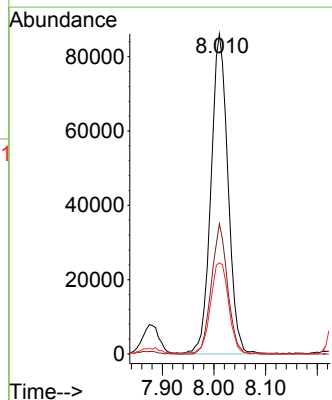
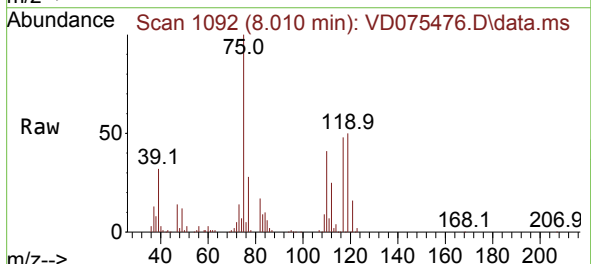
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

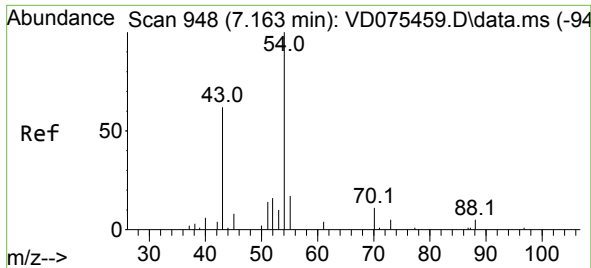
Tgt Ion:113 Resp: 110067
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 18.2 15.2 22.8



#36
1,1-Dichloropropene
Concen: 52.851 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion: 75 Resp: 197045
Ion Ratio Lower Upper
75 100
110 38.6 17.1 51.2
77 30.6 24.6 36.8





#37

Ethyl Acetate

Concen: 50.401 ug/l

RT: 7.169 min Scan# 94

Delta R.T. 0.006 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

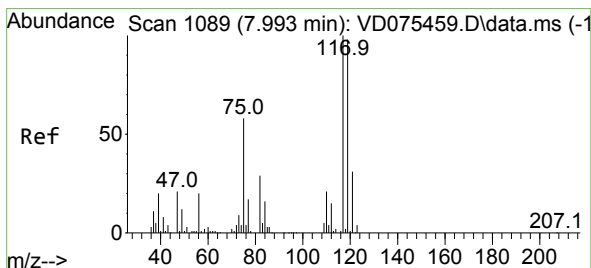
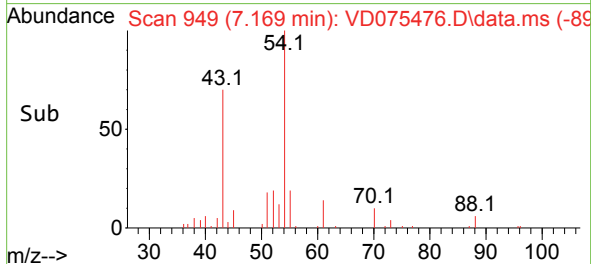
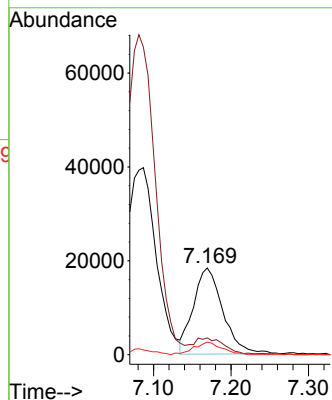
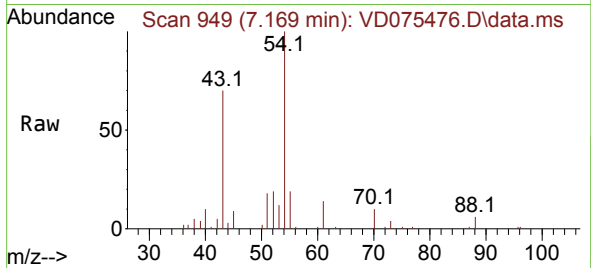
Tgt Ion: 43 Resp: 48460

Ion Ratio Lower Upper

43 100

61 16.2 0.0 0.0#

70 13.8 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 51.587 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

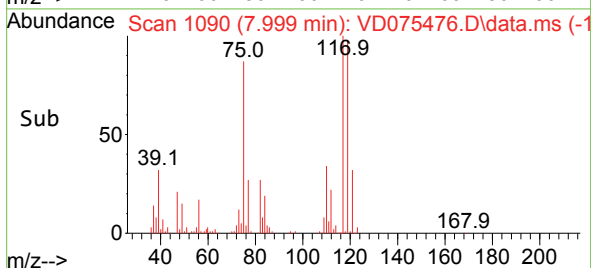
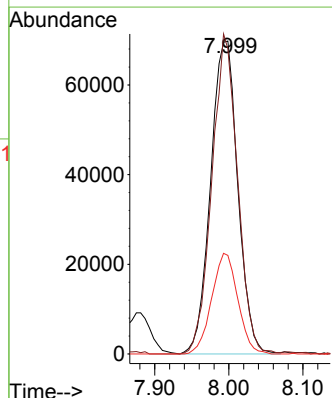
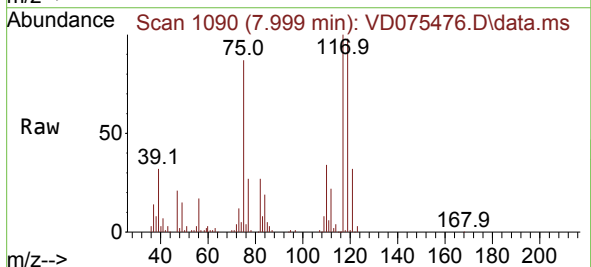
Tgt Ion:117 Resp: 178115

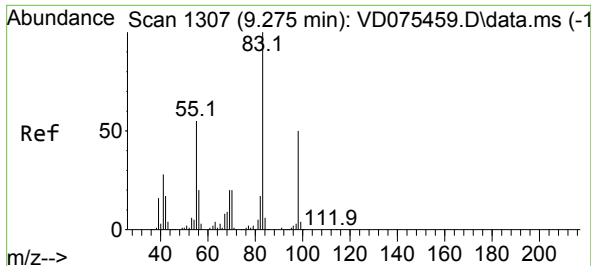
Ion Ratio Lower Upper

117 100

119 97.5 74.7 112.1

121 31.5 25.9 38.9





#39

Methylcyclohexane

Concen: 52.262 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

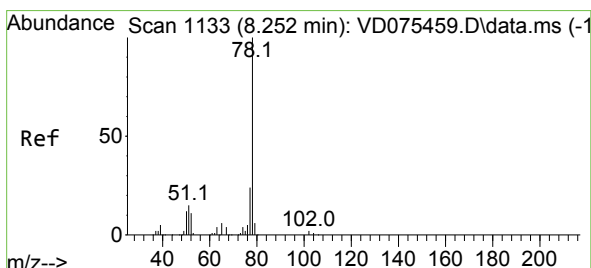
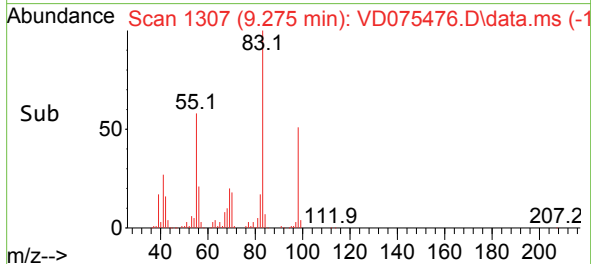
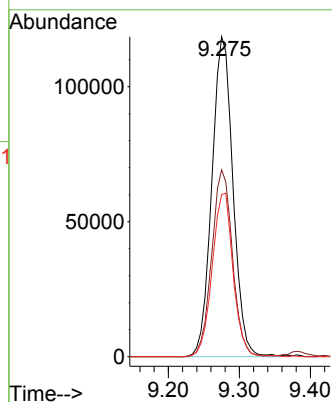
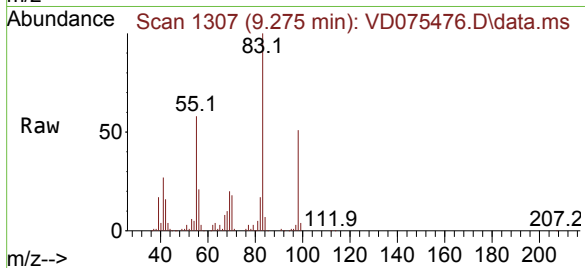
Tgt Ion: 83 Resp: 244269

Ion Ratio Lower Upper

83 100

55 58.4 56.8 85.2

98 50.7 38.9 58.3



#40

Benzene

Concen: 52.700 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075476.D

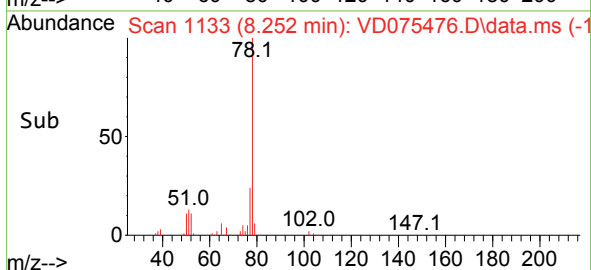
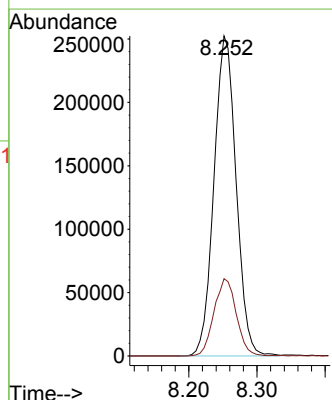
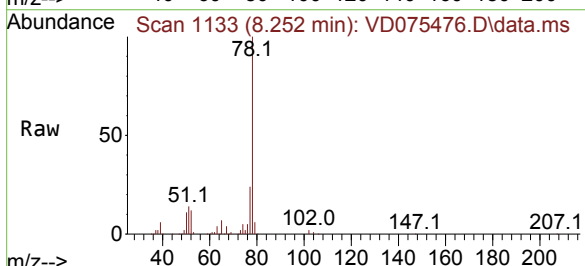
Acq: 08 Mar 2023 18:28

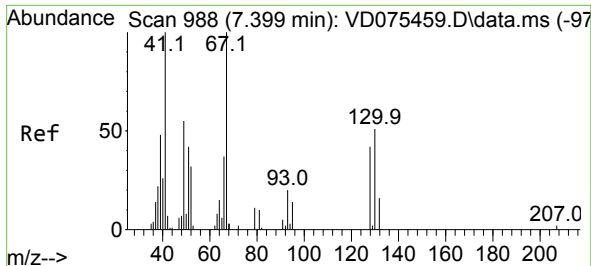
Tgt Ion: 78 Resp: 570780

Ion Ratio Lower Upper

78 100

77 24.2 19.1 28.7

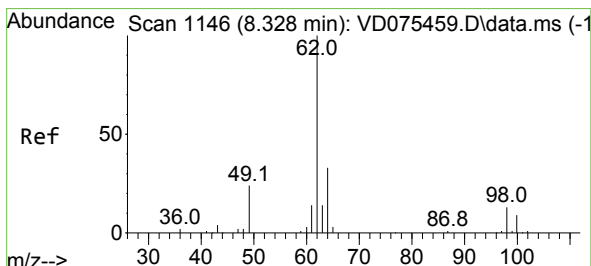
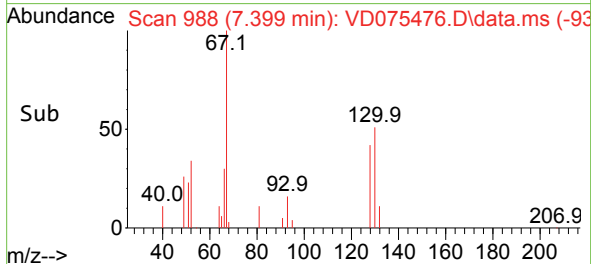
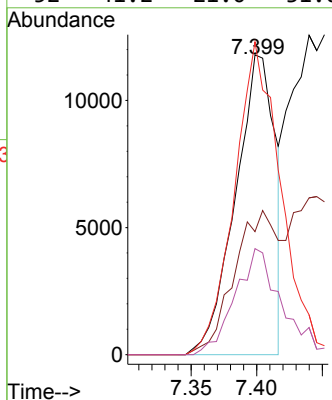
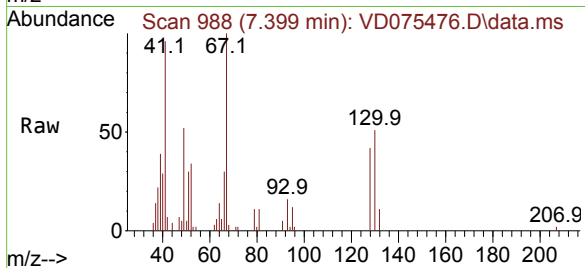




#41
Methacrylonitrile
Concen: 48.477 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

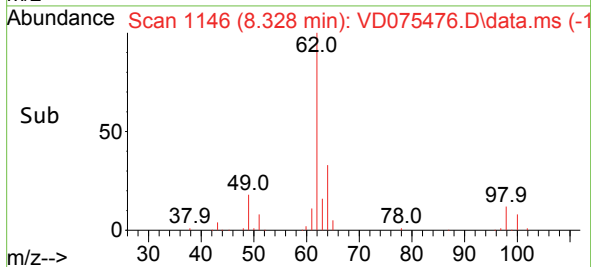
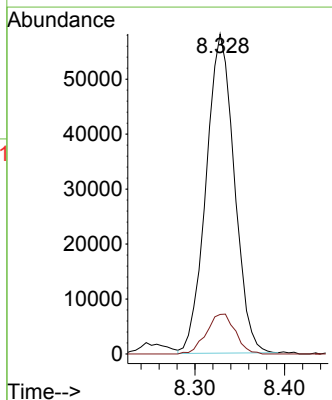
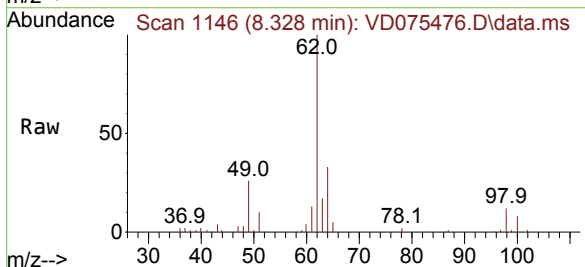
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

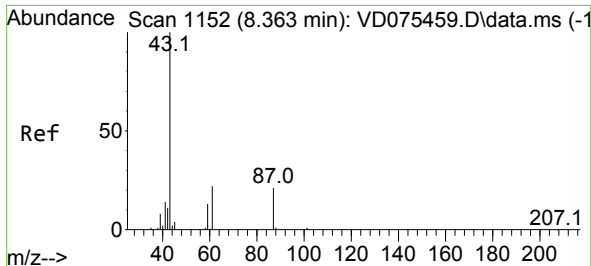
Tgt Ion:	41	Resp:	24903
Ion	Ratio	Lower	Upper
41	100		
39	51.5	45.3	67.9
67	120.7	50.5	75.7#
52	41.2	21.0	31.6#



#42
1,2-Dichloroethane
Concen: 52.132 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion:	62	Resp:	126853
Ion	Ratio	Lower	Upper
62	100		
98	12.8	0.0	18.8

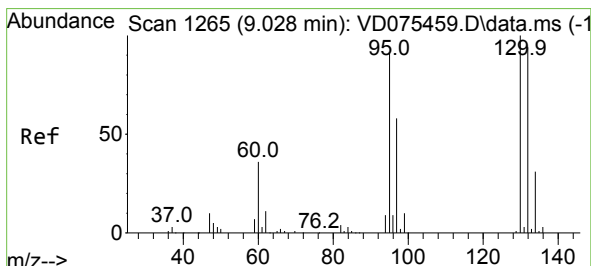
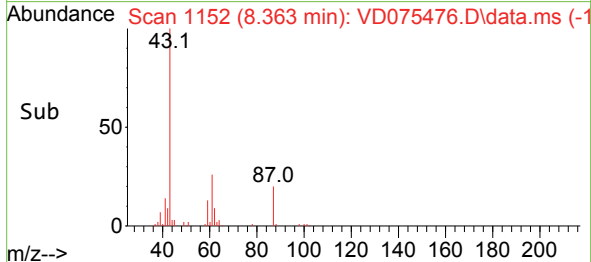
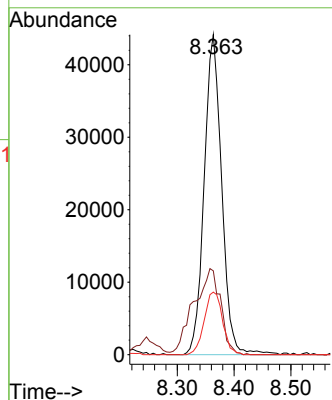
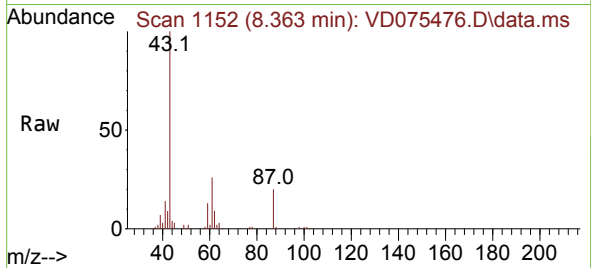




#43
Isopropyl Acetate
Concen: 51.417 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

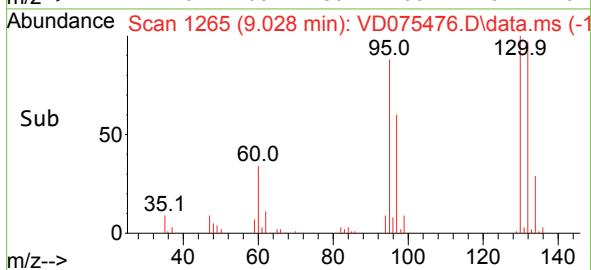
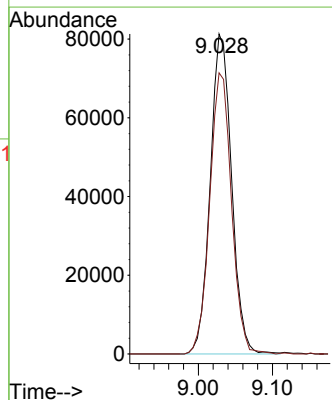
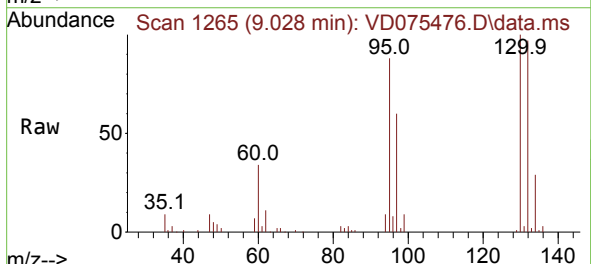
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

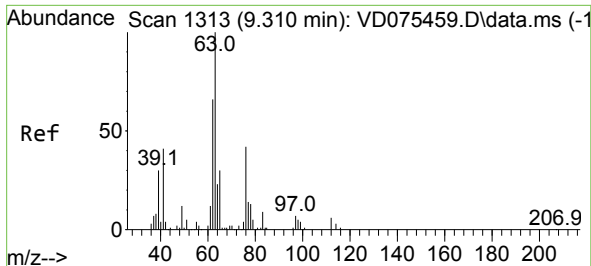
Tgt Ion: 43 Resp: 94445
Ion Ratio Lower Upper
43 100
61 41.1 23.4 35.0#
87 20.6 9.5 14.3#



#44
Trichloroethene
Concen: 50.979 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion:130 Resp: 163006
Ion Ratio Lower Upper
130 100
95 87.8 0.0 197.6





#45

1,2-Dichloropropane

Concen: 52.344 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

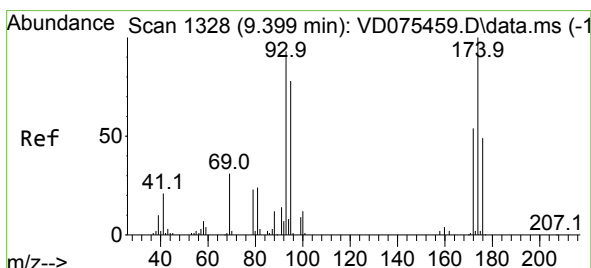
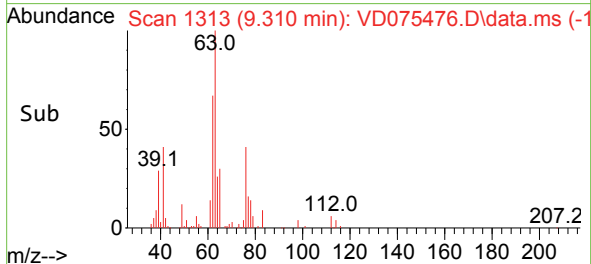
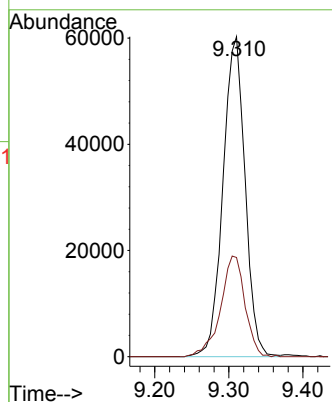
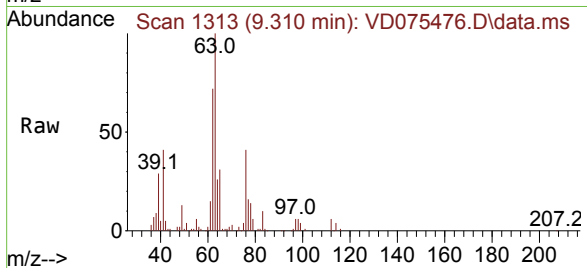
VSTDCCC050EC

Tgt Ion: 63 Resp: 124743

Ion Ratio Lower Upper

63 100

65 31.0 23.0 34.4



#46

Dibromomethane

Concen: 53.232 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

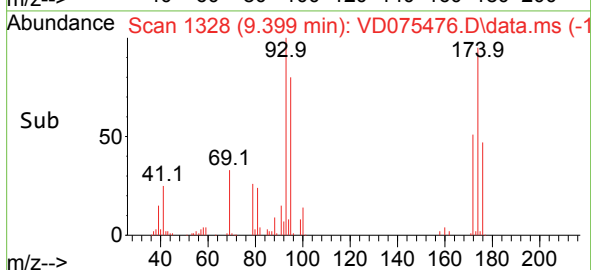
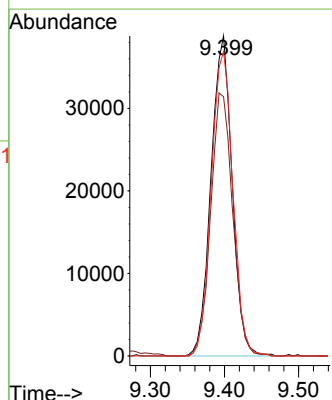
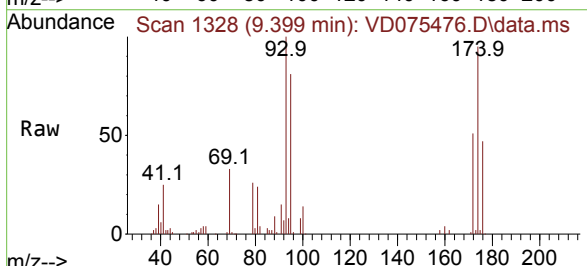
Tgt Ion: 93 Resp: 76809

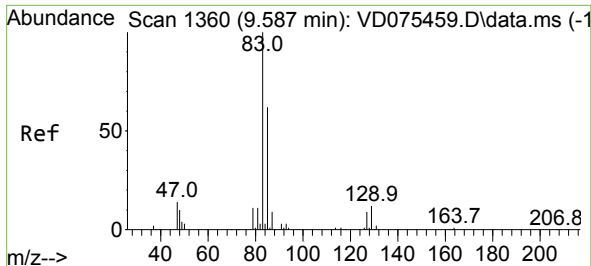
Ion Ratio Lower Upper

93 100

95 85.5 64.5 96.7

174 97.2 76.2 114.4

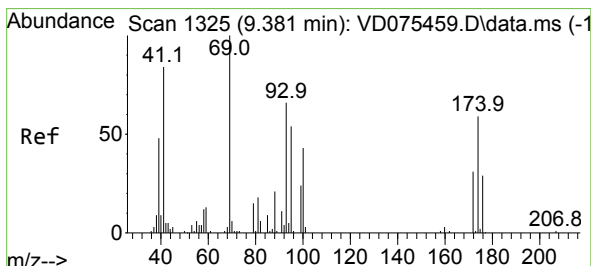
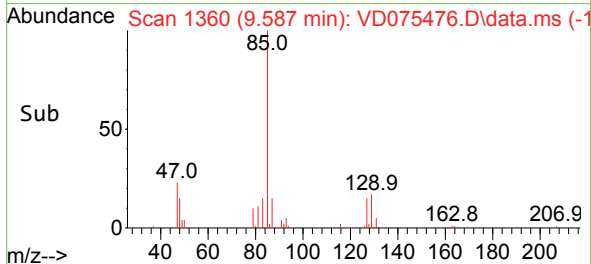
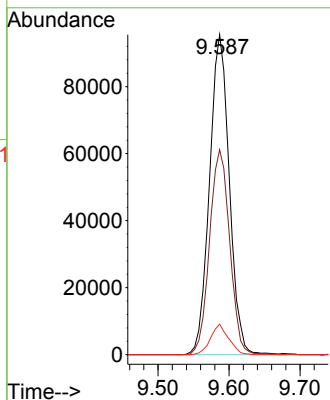
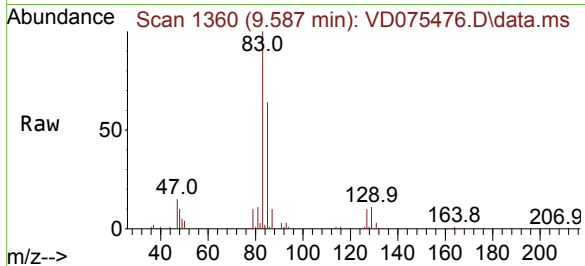




#47
Bromodichloromethane
Concen: 53.140 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

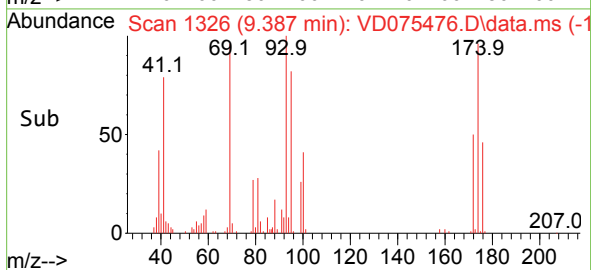
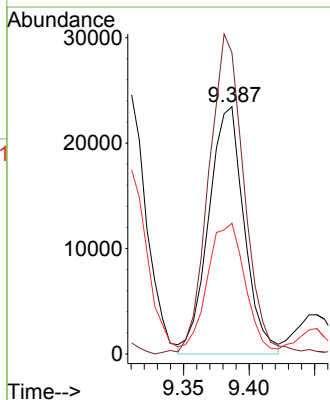
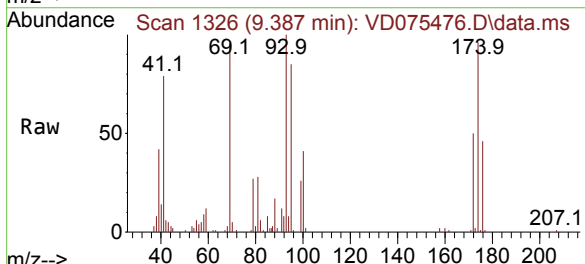
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

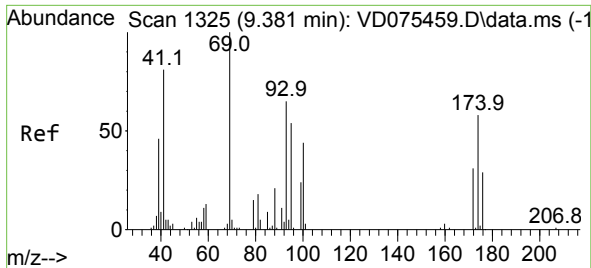
Tgt Ion: 83 Resp: 184857
Ion Ratio Lower Upper
83 100
85 64.1 53.7 80.5
127 9.5 7.0 10.6



#48
Methyl methacrylate
Concen: 50.944 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion: 41 Resp: 44180
Ion Ratio Lower Upper
41 100
69 129.6 58.6 88.0#
39 52.4 53.4 80.0#

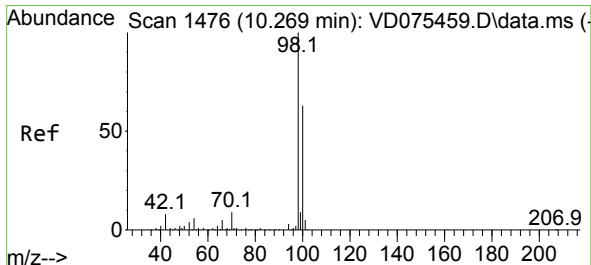
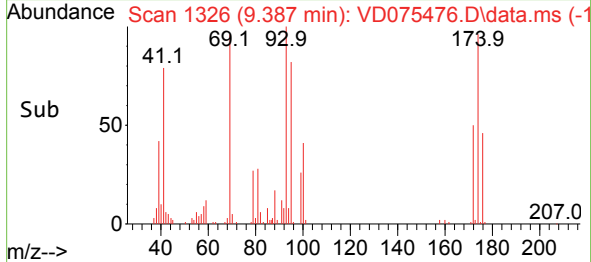
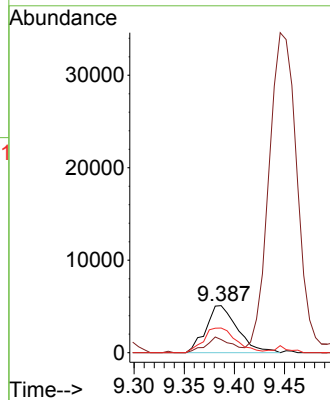
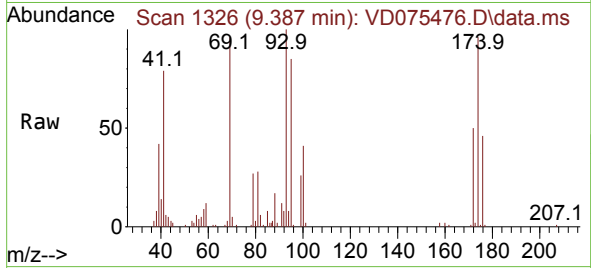




#49
1,4-Dioxane
Concen: 811.720 ug/l
RT: 9.387 min Scan# 11107
Delta R.T. 0.006 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

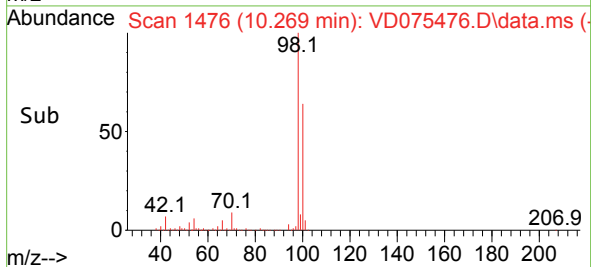
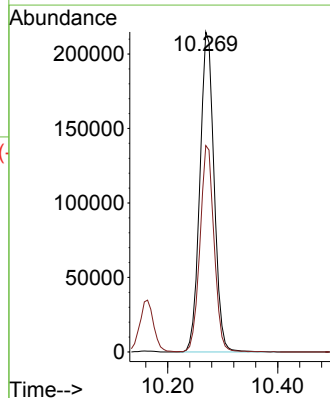
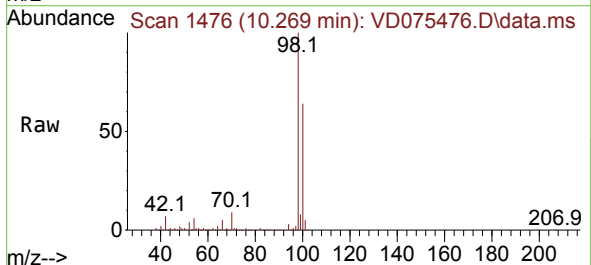
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

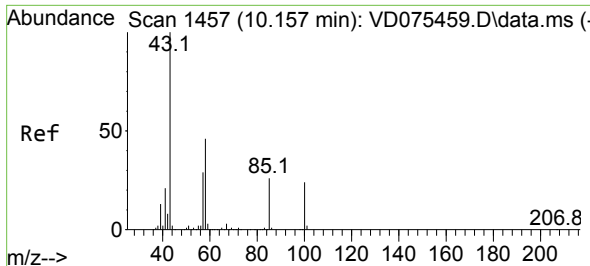
Tgt Ion:	88	Resp:	11107
Ion	Ratio	Lower	Upper
88	100		
43	27.4	34.6	51.8#
58	53.7	58.0	87.0#



#50
Toluene-d8
Concen: 48.186 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion:	98	Resp:	385217
Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.1	78.1

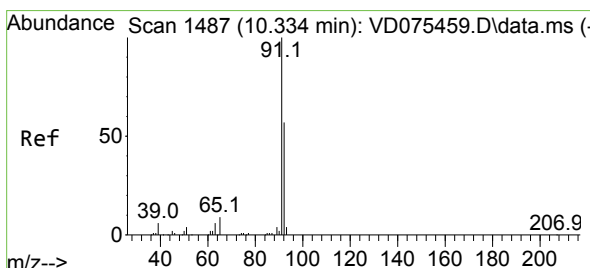
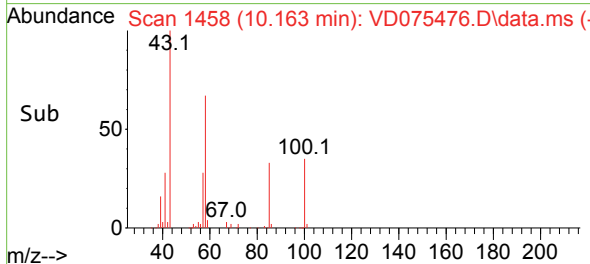
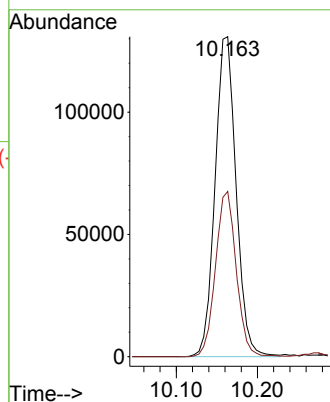
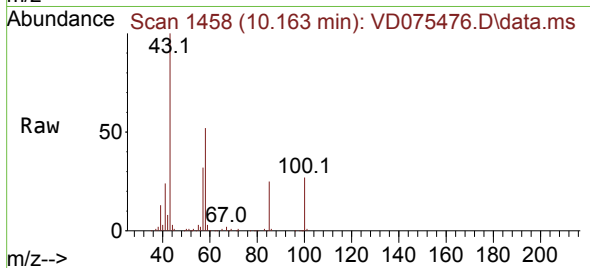




#51
4-Methyl-2-Pentanone
Concen: 251.217 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

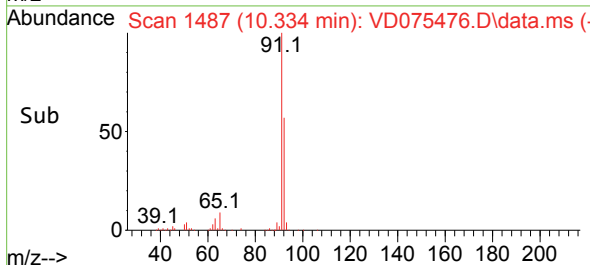
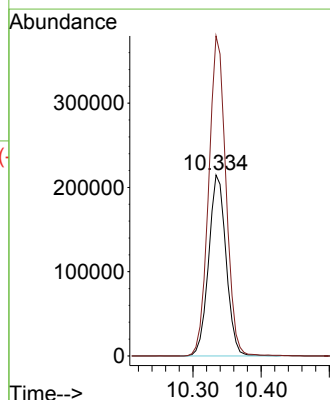
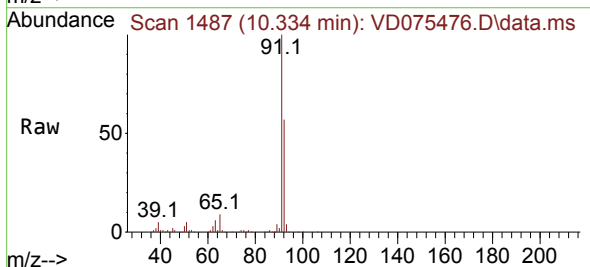
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

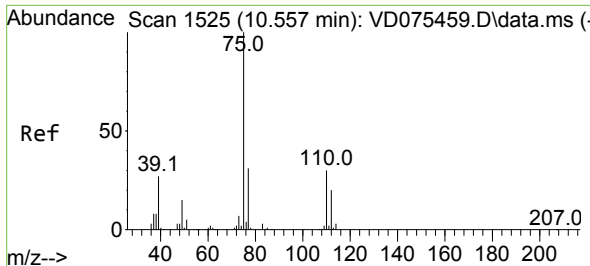
Tgt Ion: 43 Resp: 235904
Ion Ratio Lower Upper
43 100
58 50.9 29.5 44.3#



#52
Toluene
Concen: 54.434 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion: 92 Resp: 381932
Ion Ratio Lower Upper
92 100
91 175.1 136.5 204.7

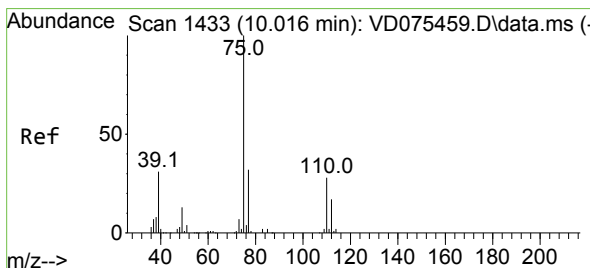
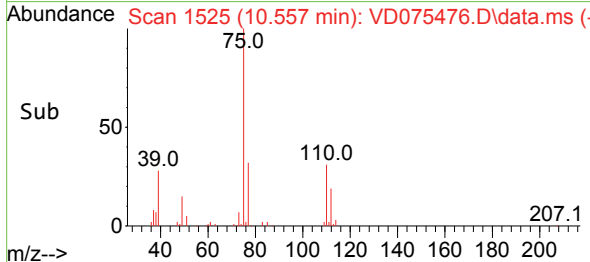
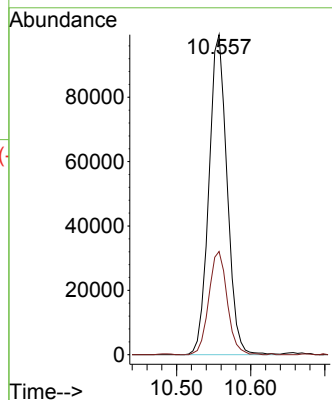
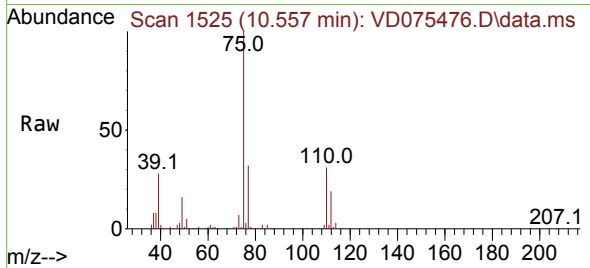




#53
 t-1,3-Dichloropropene
 Concen: 53.645 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD075476.D
 Acq: 08 Mar 2023 18:28

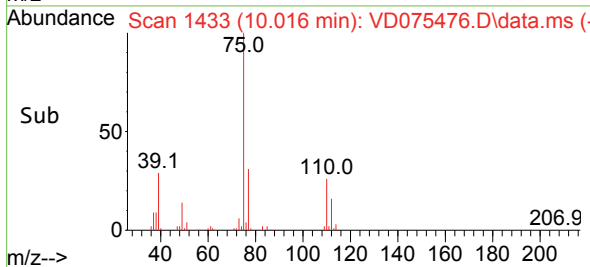
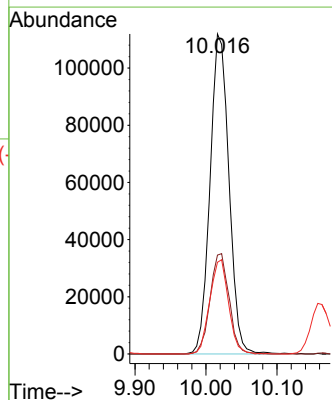
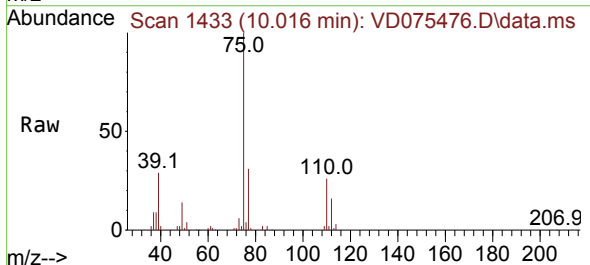
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

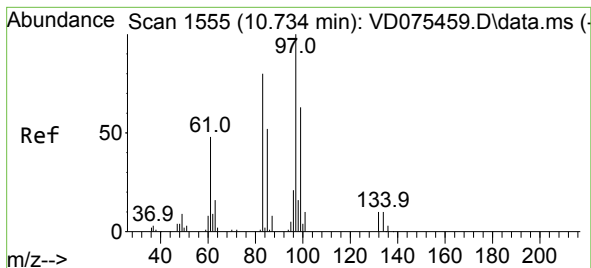
Tgt Ion: 75 Resp: 169292
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 53.194 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075476.D
 Acq: 08 Mar 2023 18:28

Tgt Ion: 75 Resp: 206891
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.6 38.4
 39 28.7 44.8 67.2#





#55

1,1,2-Trichloroethane

Concen: 52.605 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 105843

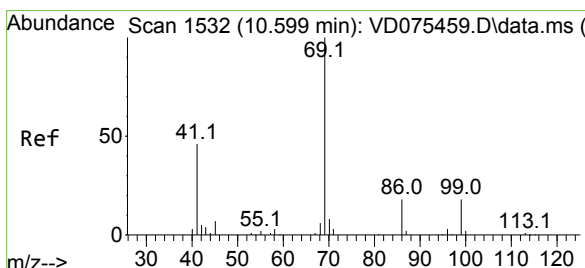
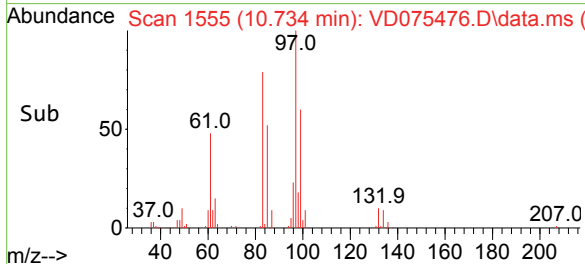
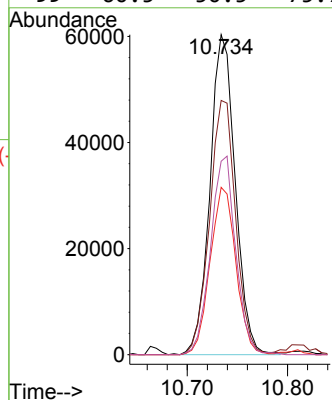
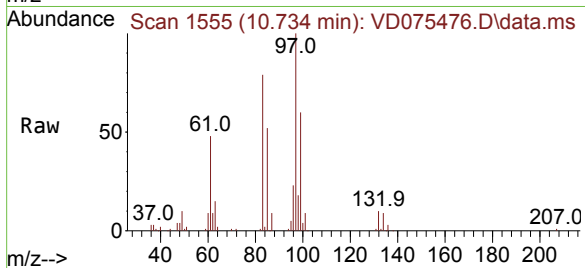
Ion Ratio Lower Upper

97 100

83 79.5 74.2 111.4

85 52.3 45.4 68.0

99 60.5 50.5 75.7



#56

Ethyl methacrylate

Concen: 53.157 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

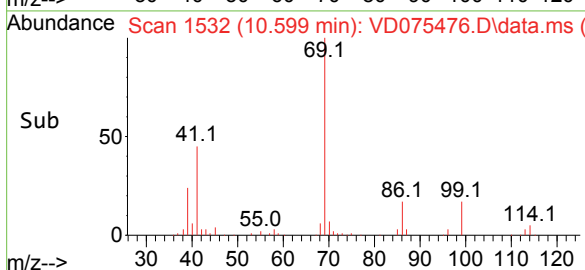
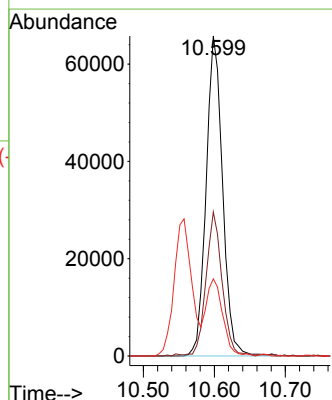
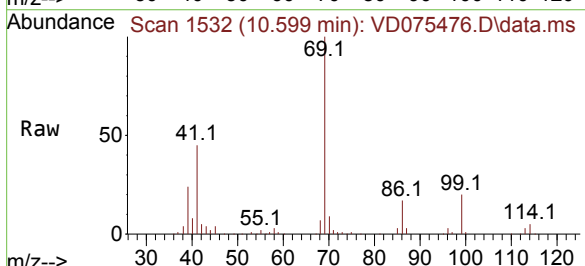
Tgt Ion: 69 Resp: 106302

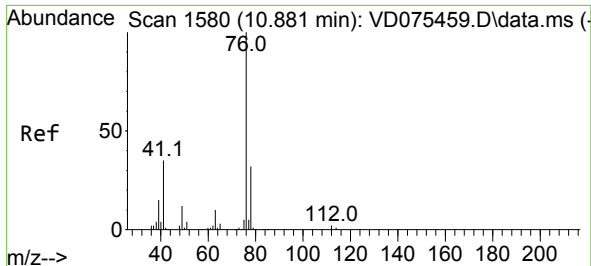
Ion Ratio Lower Upper

69 100

41 44.2 59.3 88.9#

39 23.6 36.0 54.0#





#57

1,3-Dichloropropane

Concen: 52.919 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

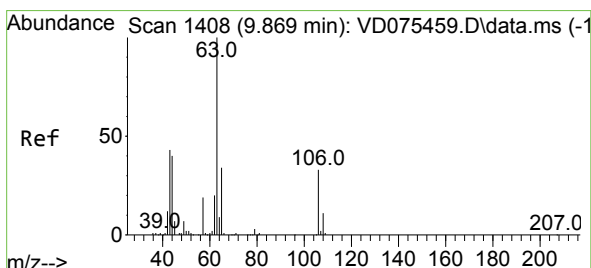
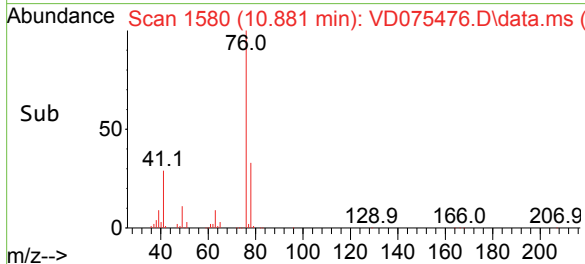
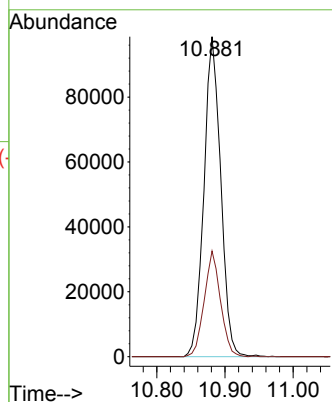
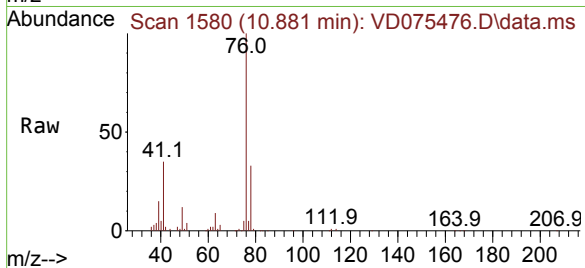
VSTDCCC050EC

Tgt Ion: 76 Resp: 168843

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 275.438 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075476.D

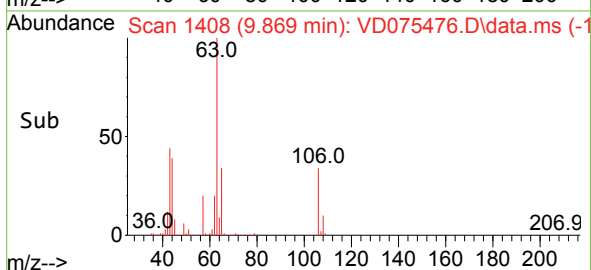
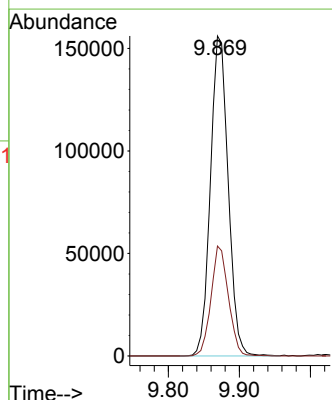
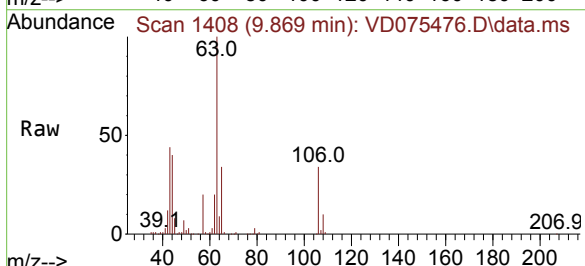
Acq: 08 Mar 2023 18:28

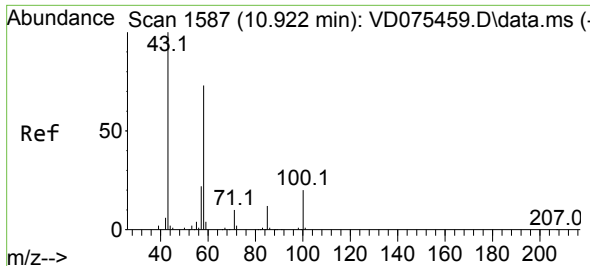
Tgt Ion: 63 Resp: 270796

Ion Ratio Lower Upper

63 100

106 33.6 21.4 32.2#

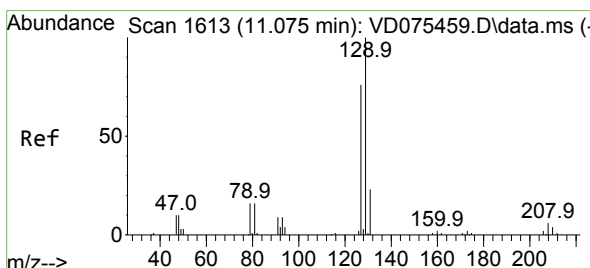
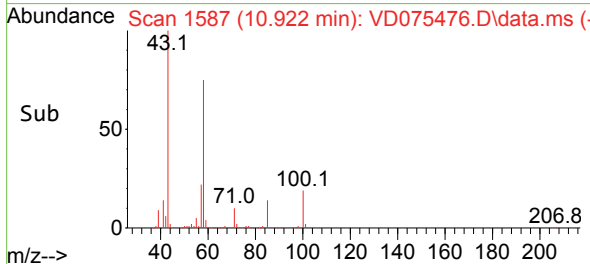
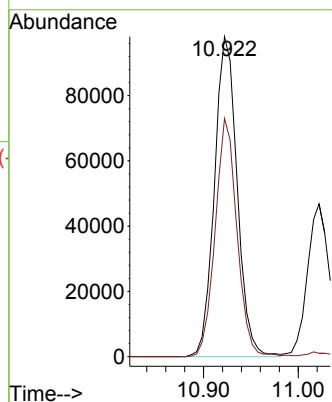
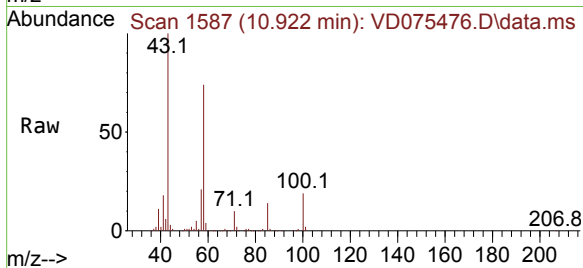




#59
2-Hexanone
Concen: 246.336 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

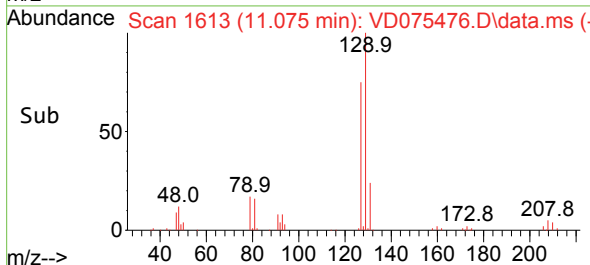
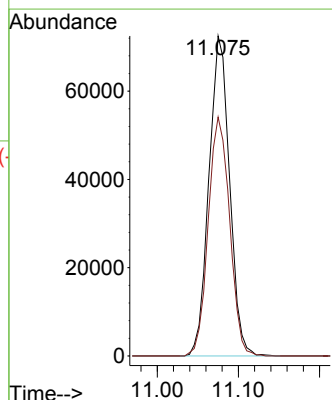
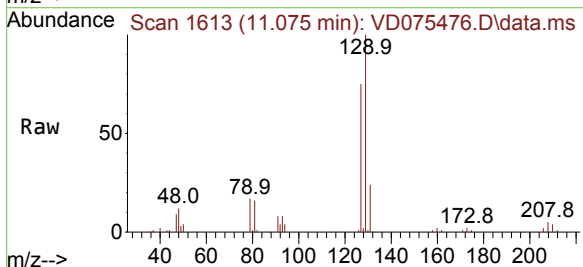
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

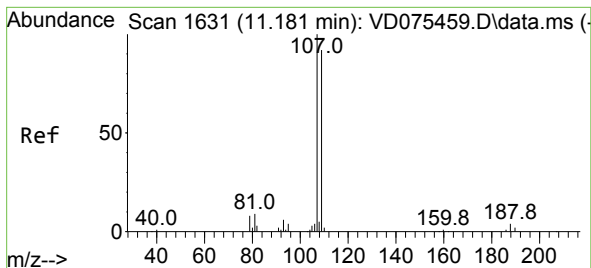
Tgt Ion: 43 Resp: 163188
Ion Ratio Lower Upper
43 100
58 71.5 25.3 75.8



#60
Dibromochloromethane
Concen: 53.309 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion: 129 Resp: 127858
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.5





#61

1,2-Dibromoethane

Concen: 52.887 ug/l

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

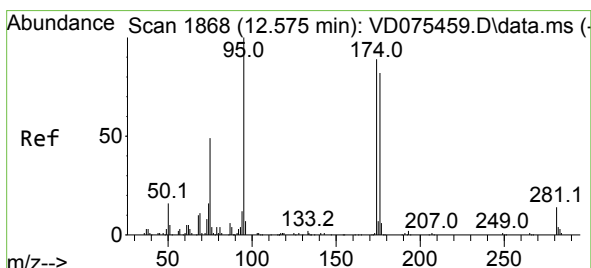
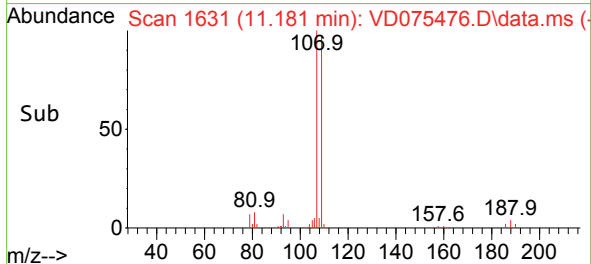
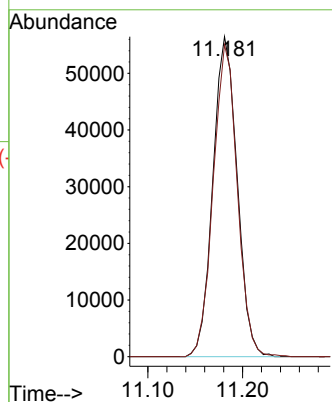
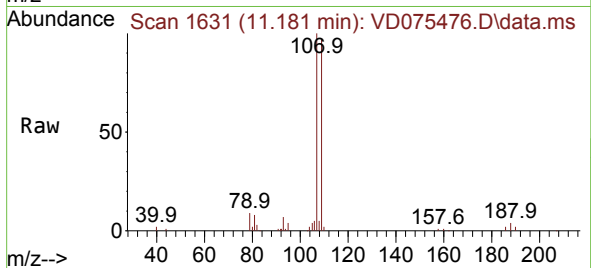
VSTDCCC050EC

Tgt Ion:107 Resp: 100492

Ion Ratio Lower Upper

107 100

109 96.8 73.6 110.4



#62

4-Bromofluorobenzene

Concen: 51.943 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

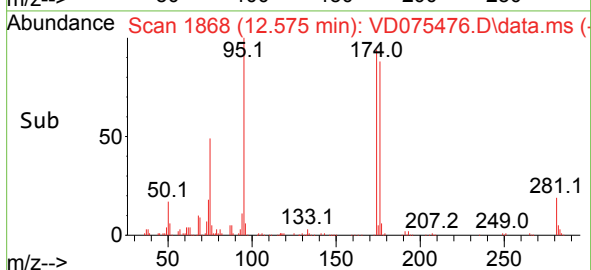
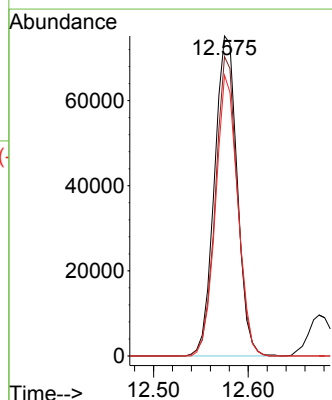
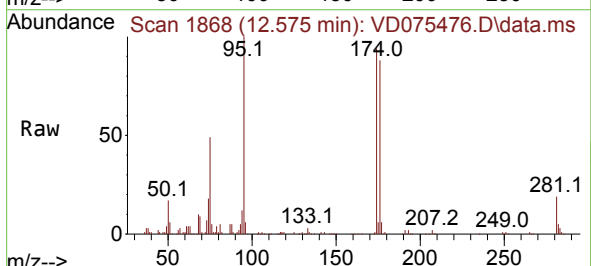
Tgt Ion: 95 Resp: 125573

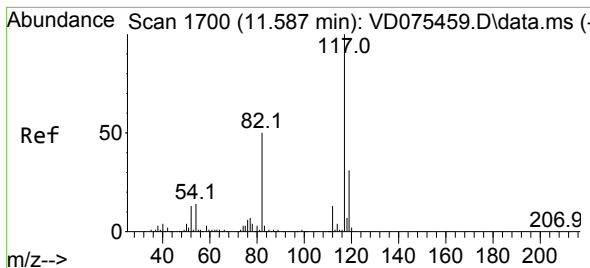
Ion Ratio Lower Upper

95 100

174 90.4 0.0 164.0

176 85.6 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

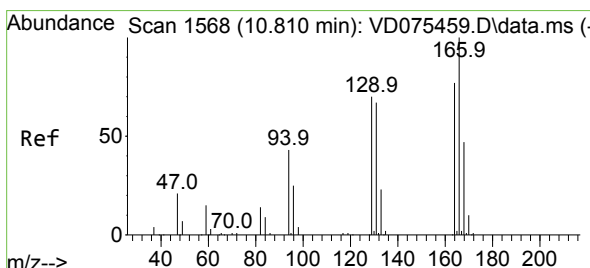
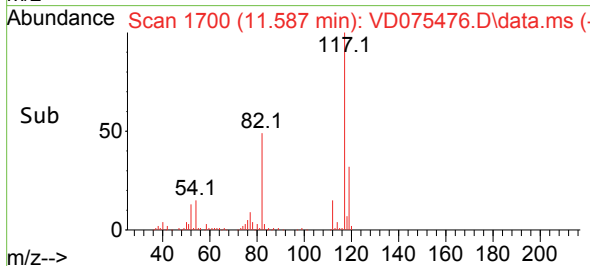
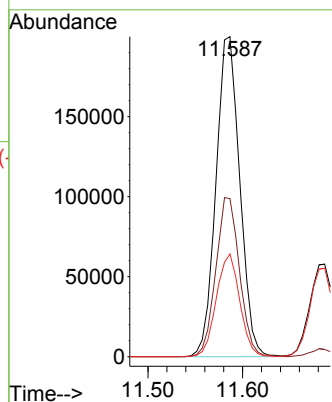
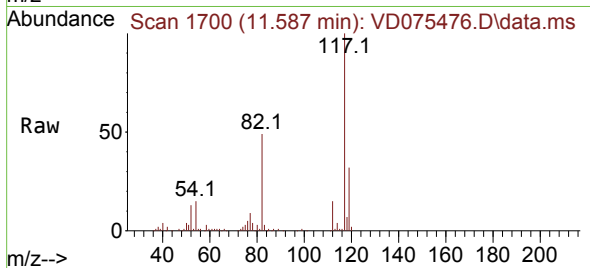
Tgt Ion:117 Resp: 350342

Ion Ratio Lower Upper

117 100

82 49.4 44.0 66.0

119 32.1 25.1 37.7



#64

Tetrachloroethene

Concen: 49.266 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Tgt Ion:164 Resp: 131530

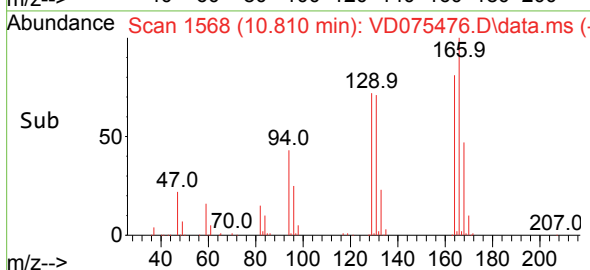
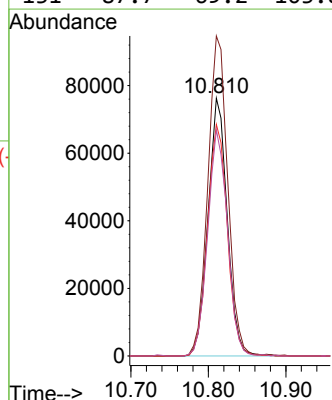
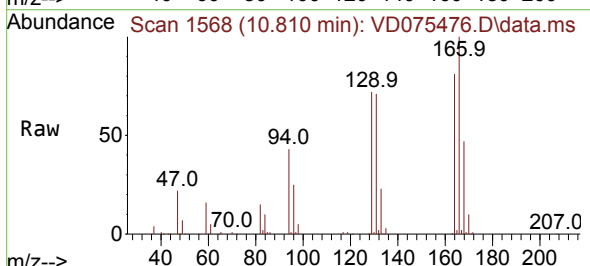
Ion Ratio Lower Upper

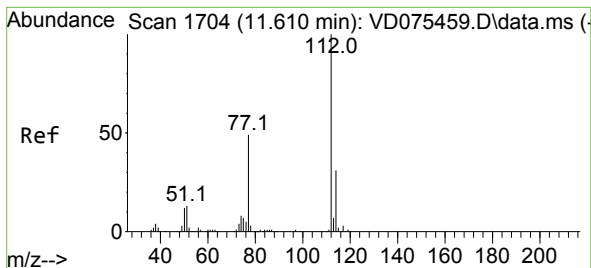
164 100

166 124.1 94.9 142.3

129 89.8 73.0 109.6

131 87.7 69.2 103.8





#65

Chlorobenzene

Concen: 51.632 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

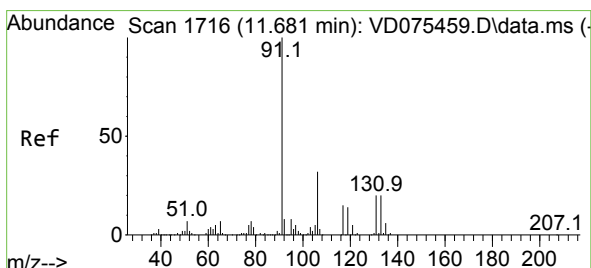
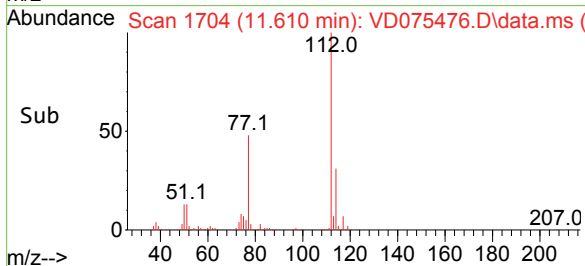
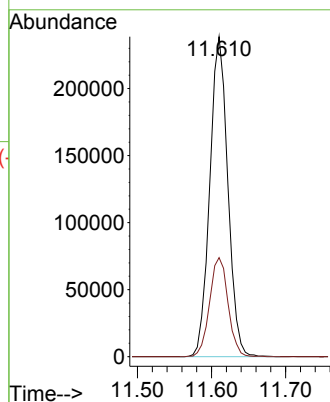
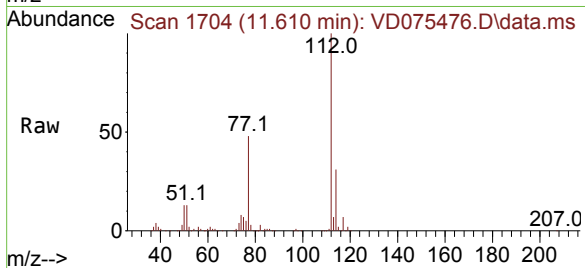
VSTDCCC050EC

Tgt Ion:112 Resp: 402940

Ion Ratio Lower Upper

112 100

114 30.9 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 51.645 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

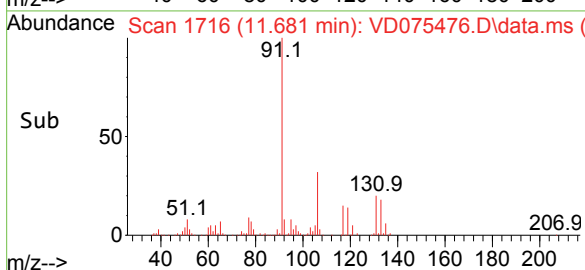
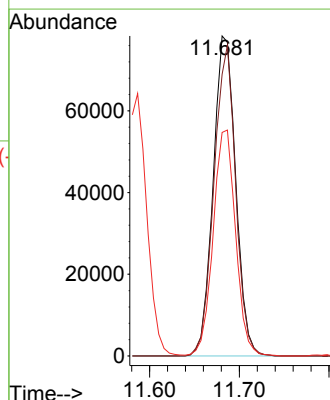
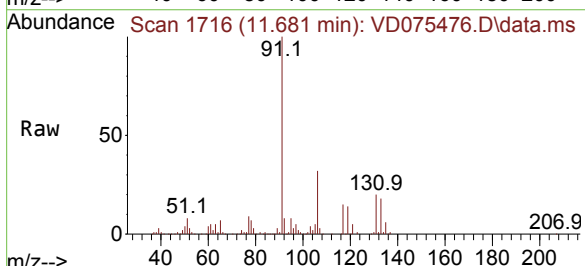
Tgt Ion:131 Resp: 136805

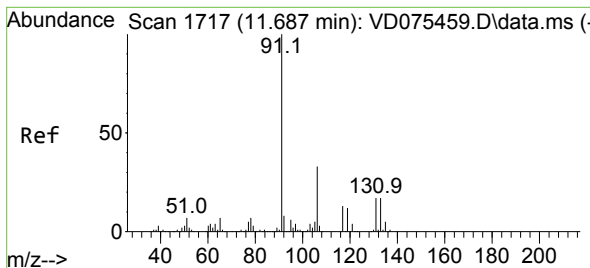
Ion Ratio Lower Upper

131 100

133 93.7 46.7 140.0

119 70.4 31.9 95.9





#67

Ethyl Benzene

Concen: 52.811 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

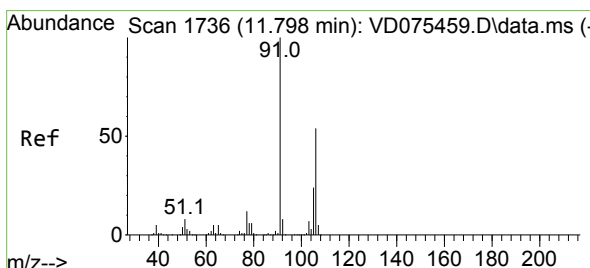
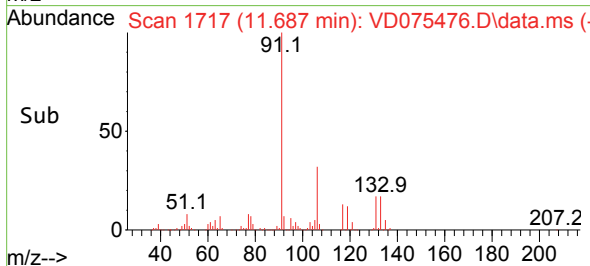
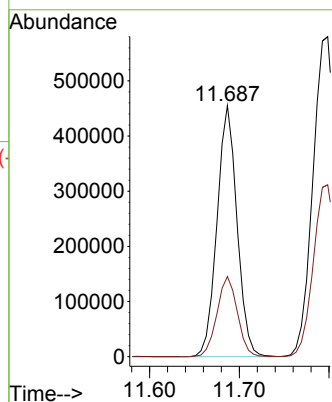
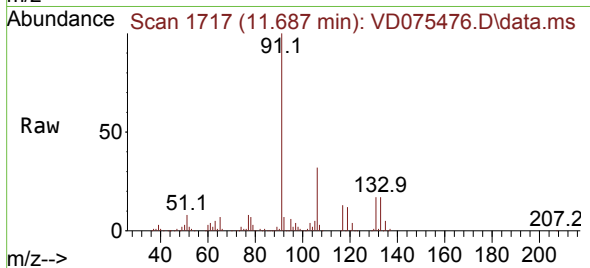
VSTDCCC050EC

Tgt Ion: 91 Resp: 703790

Ion Ratio Lower Upper

91 100

106 31.9 24.5 36.7



#68

m/p-Xylenes

Concen: 106.630 ug/l

RT: 11.798 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VD075476.D

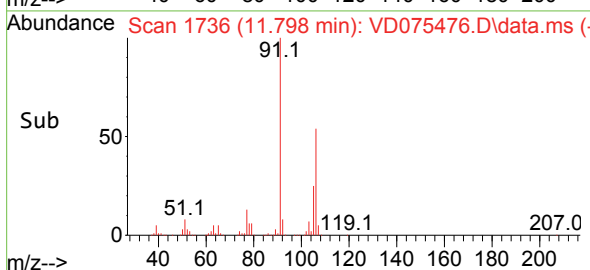
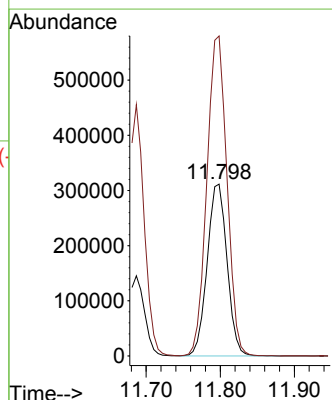
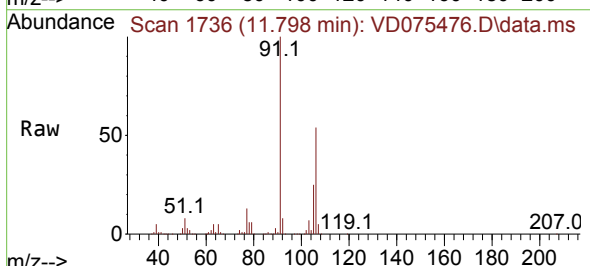
Acq: 08 Mar 2023 18:28

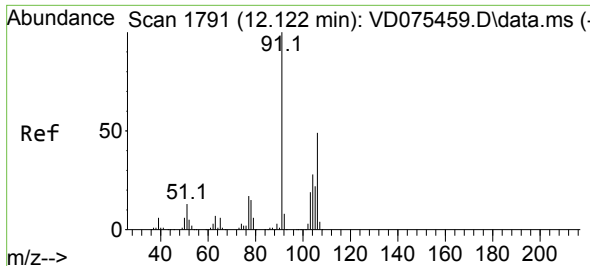
Tgt Ion:106 Resp: 578658

Ion Ratio Lower Upper

106 100

91 188.8 161.5 242.3

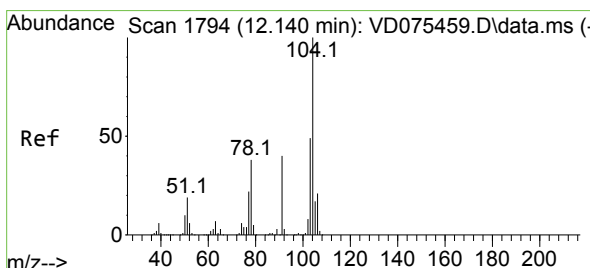
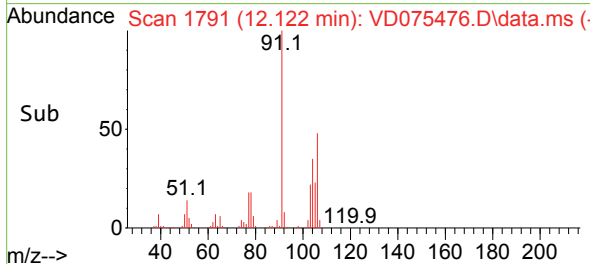
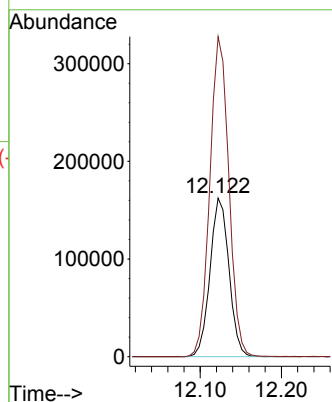
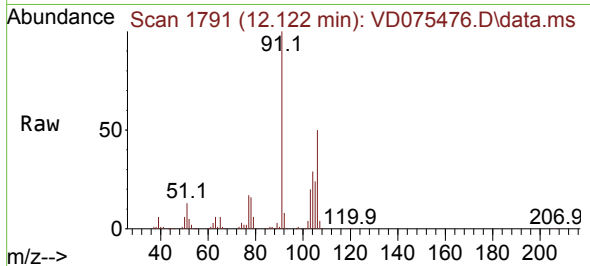




#69
o-Xylene
Concen: 53.235 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

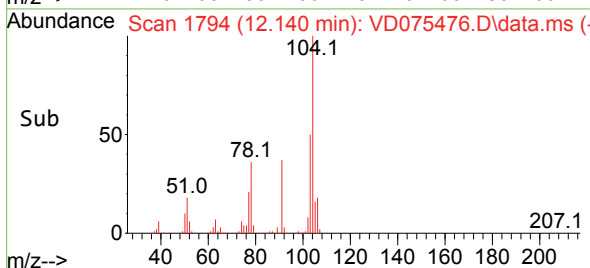
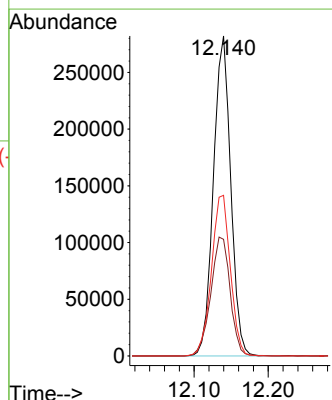
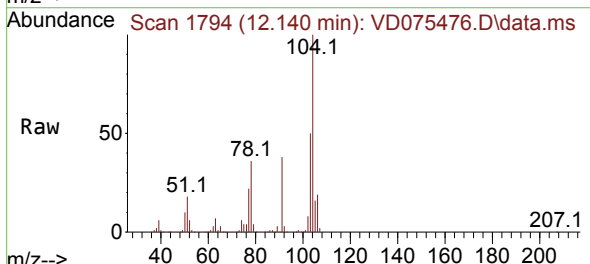
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

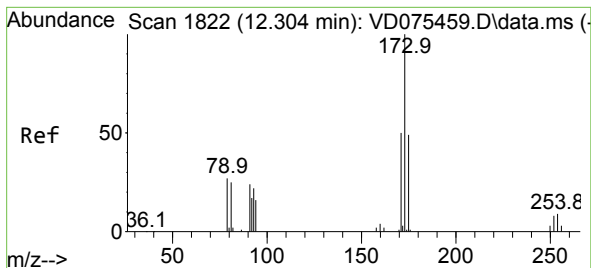
Tgt Ion:106 Resp: 262650
Ion Ratio Lower Upper
106 100
91 203.0 105.7 317.1



#70
Styrene
Concen: 54.650 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion:104 Resp: 457244
Ion Ratio Lower Upper
104 100
78 41.5 40.2 60.4
103 54.9 44.2 66.2





#71

Bromoform

Concen: 51.673 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.006 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

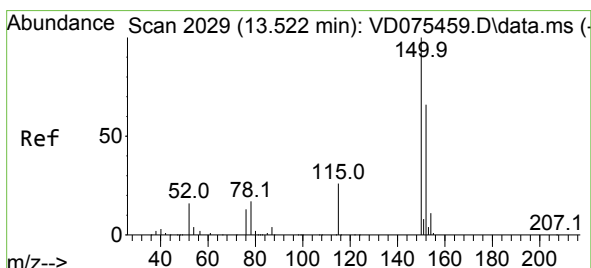
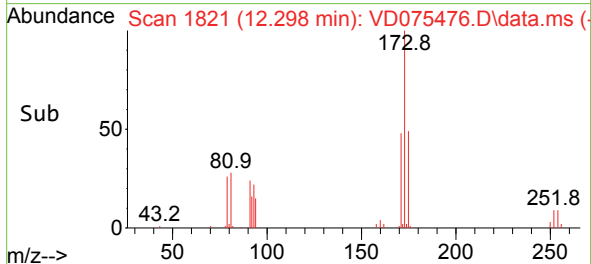
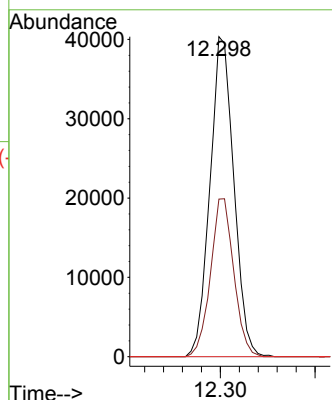
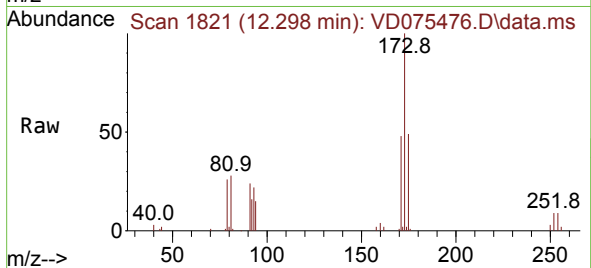
Tgt Ion:173 Resp: 70492

Ion Ratio Lower Upper

173 100

175 48.2 23.5 70.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

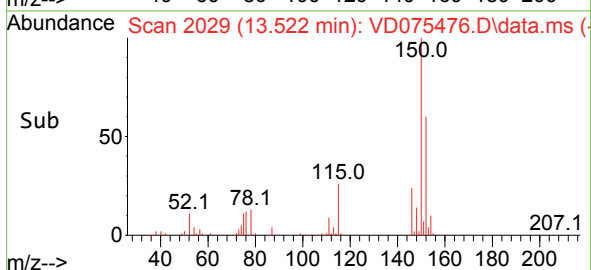
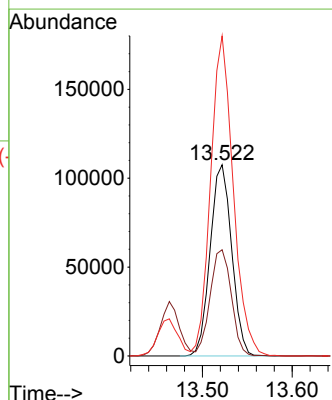
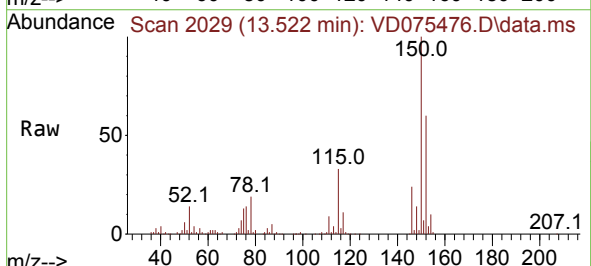
Tgt Ion:152 Resp: 179387

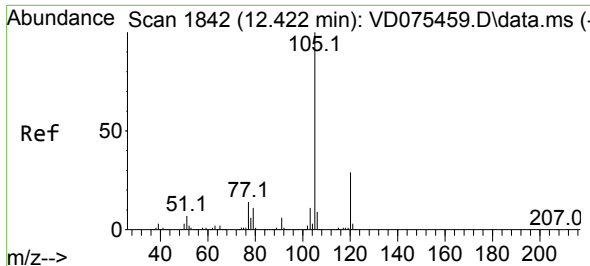
Ion Ratio Lower Upper

152 100

115 54.7 30.1 90.3

150 175.6 0.0 364.8

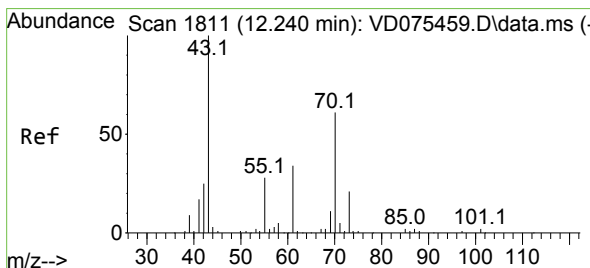
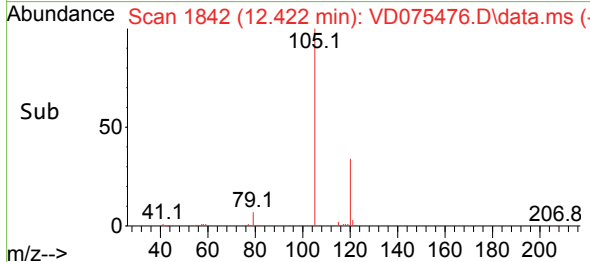
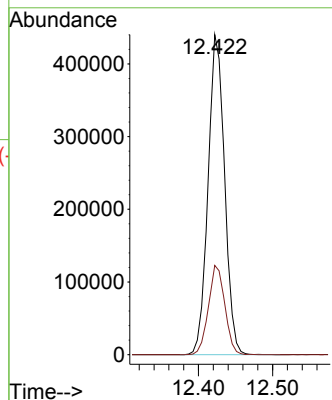
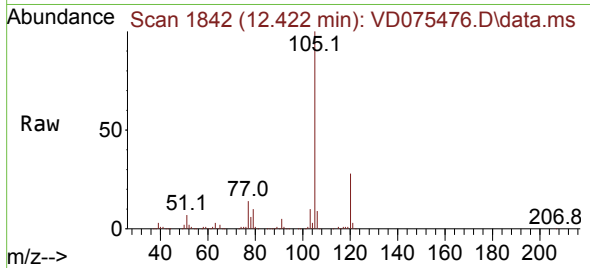




#73
Isopropylbenzene
Concen: 50.973 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

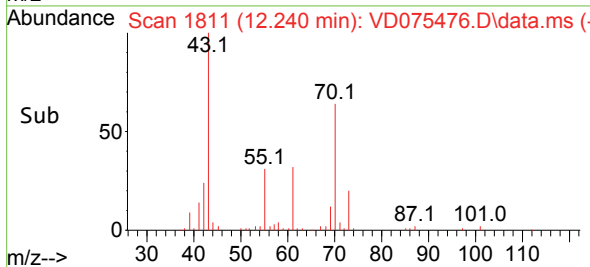
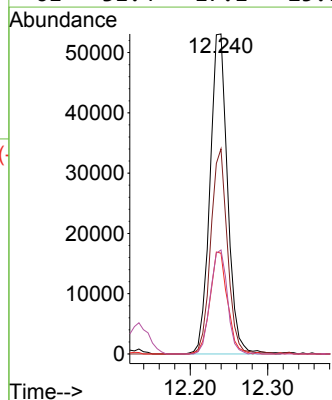
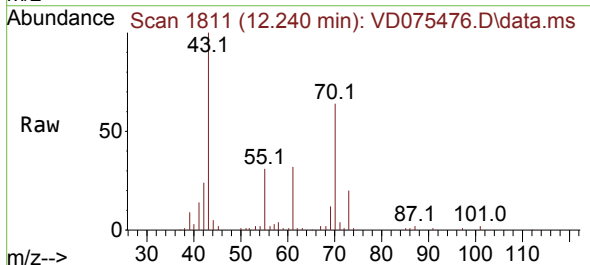
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

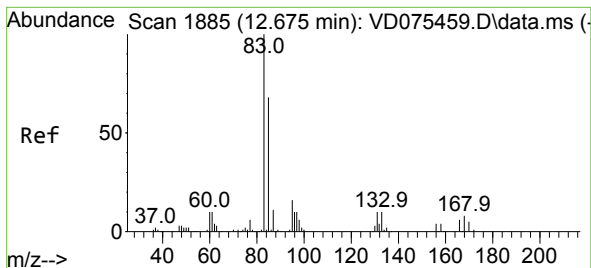
Tgt Ion:105 Resp: 681006
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.1



#74
N-ethyl acetate
Concen: 49.011 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion: 43 Resp: 83822
Ion Ratio Lower Upper
43 100
70 60.7 31.0 46.4#
55 31.4 18.6 28.0#
61 31.4 17.1 25.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 48.481 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

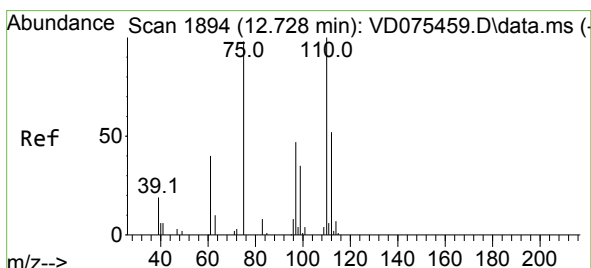
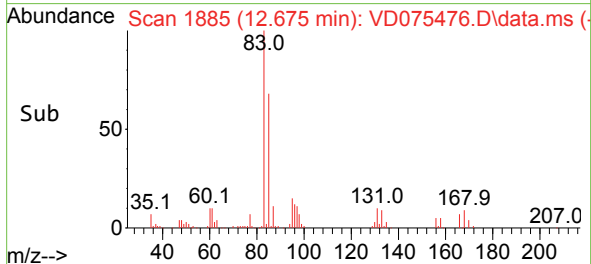
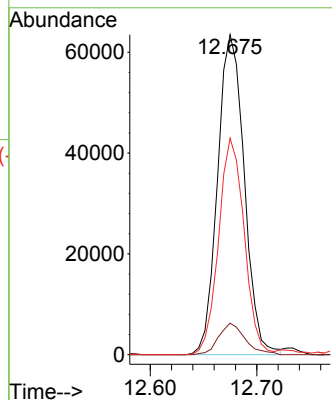
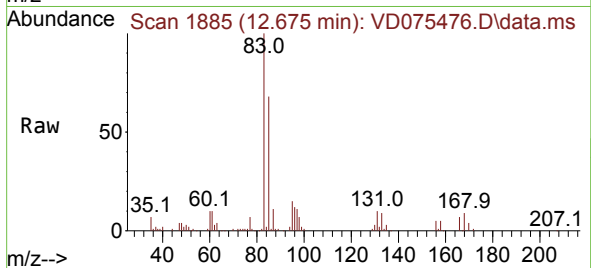
Tgt Ion: 83 Resp: 110556

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

85 64.9 33.6 100.6



#76

1,2,3-Trichloropropane

Concen: 91.183 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075476.D

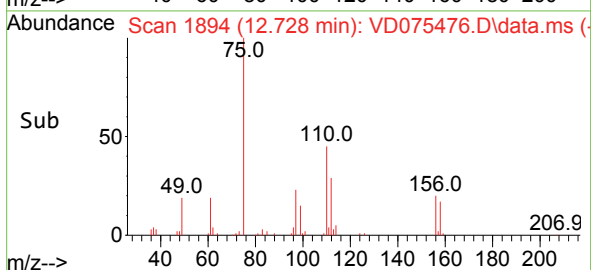
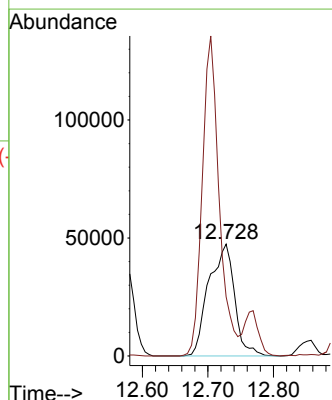
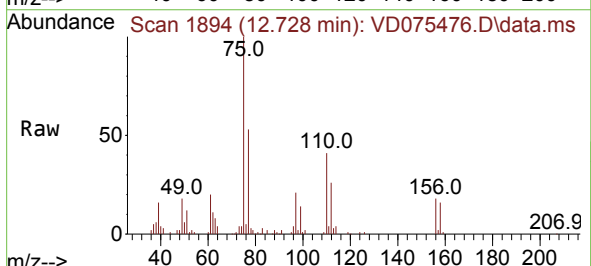
Acq: 08 Mar 2023 18:28

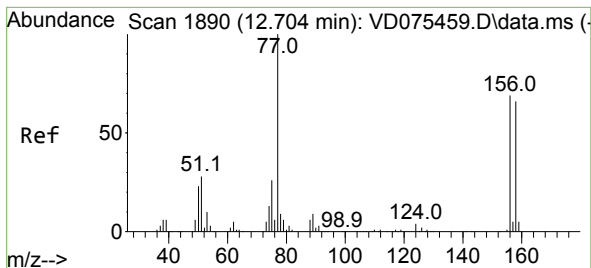
Tgt Ion: 75 Resp: 129583

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.811 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

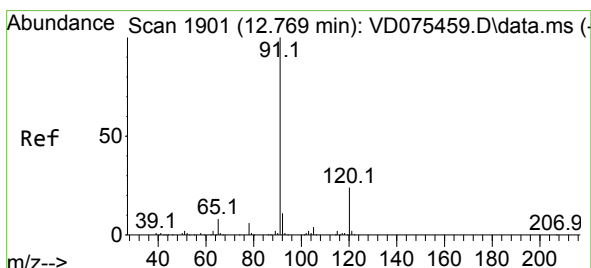
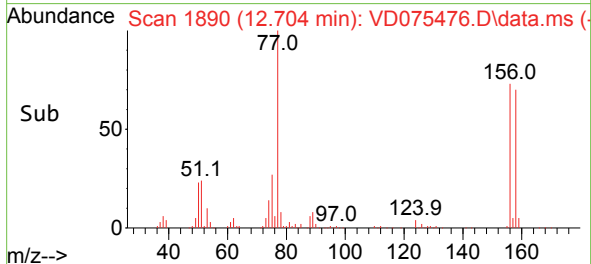
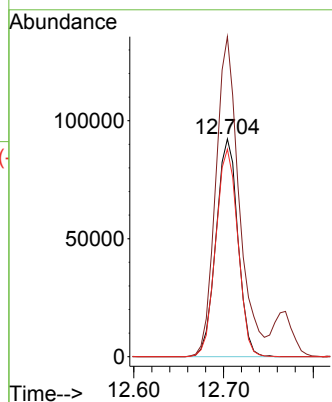
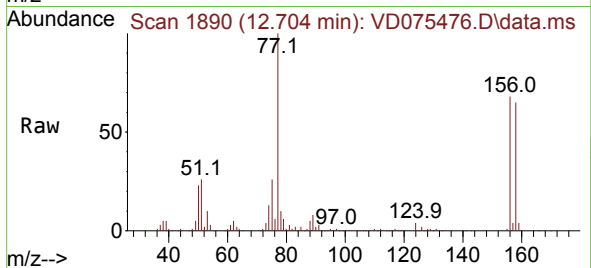
Tgt Ion:156 Resp: 156060

Ion Ratio Lower Upper

156 100

77 156.7 89.5 268.6

158 96.1 47.8 143.4



#78

n-propylbenzene

Concen: 51.076 ug/l

RT: 12.769 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VD075476.D

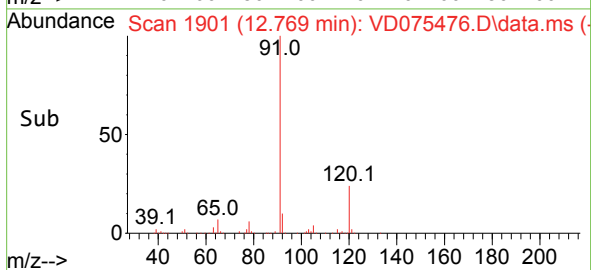
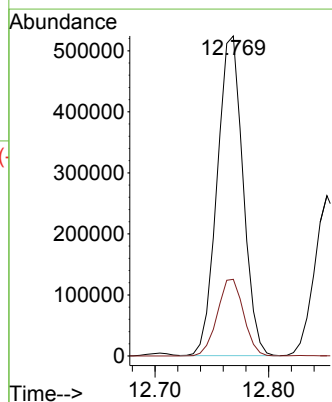
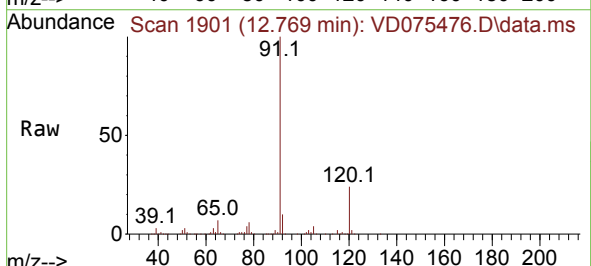
Acq: 08 Mar 2023 18:28

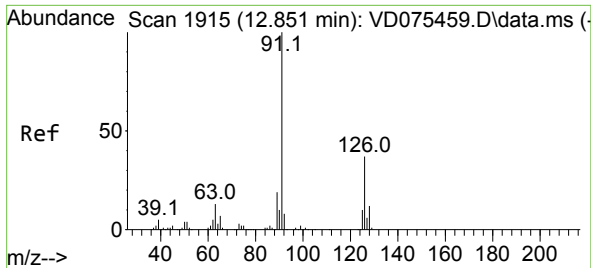
Tgt Ion: 91 Resp: 827044

Ion Ratio Lower Upper

91 100

120 24.4 11.4 34.2

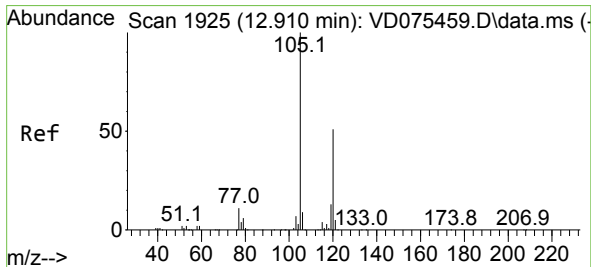
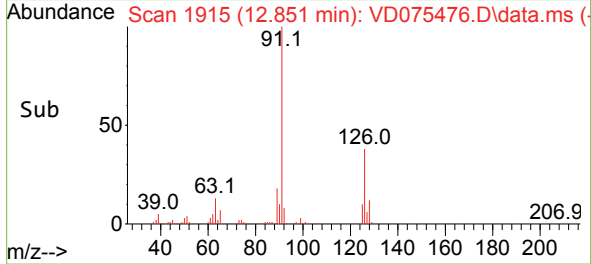
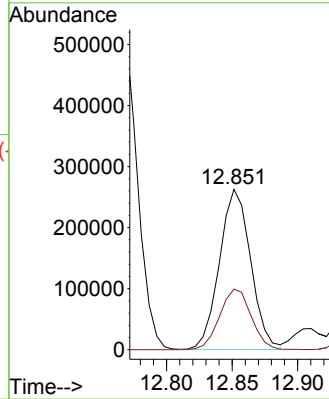
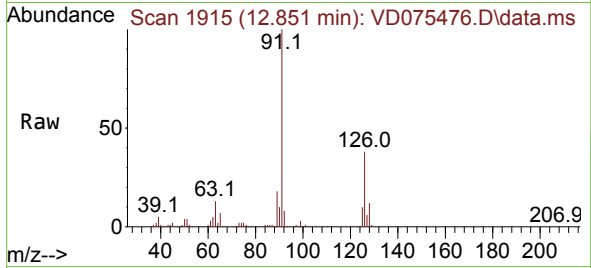




#79
2-Chlorotoluene
Concen: 49.624 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

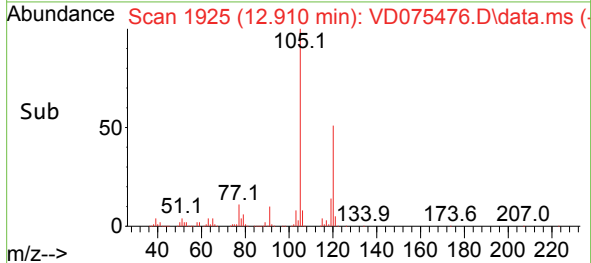
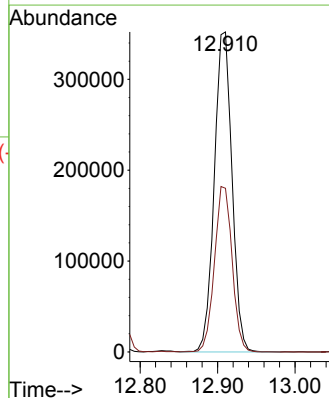
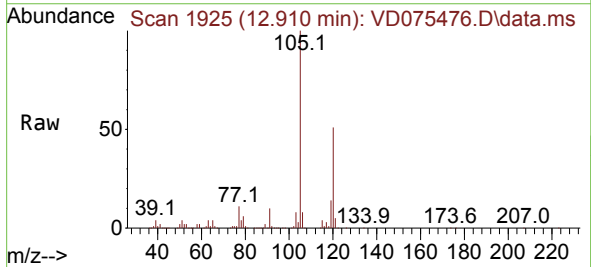
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

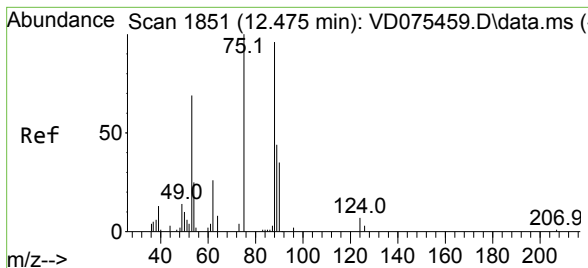
Tgt Ion: 91 Resp: 434214
Ion Ratio Lower Upper
91 100
126 38.3 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 51.245 ug/l
RT: 12.910 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion: 105 Resp: 559454
Ion Ratio Lower Upper
105 100
120 51.6 24.3 72.8

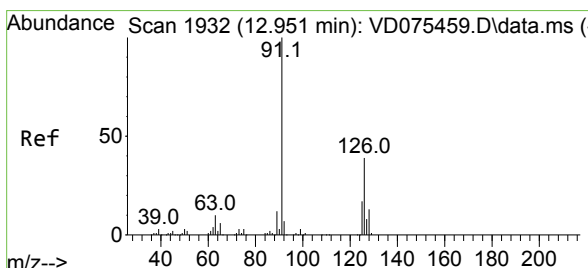
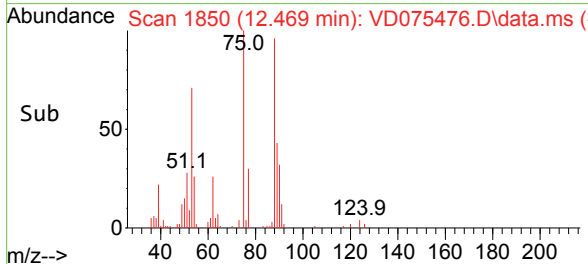
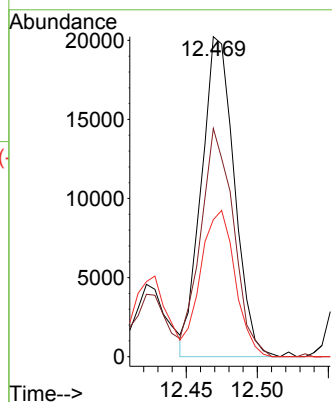
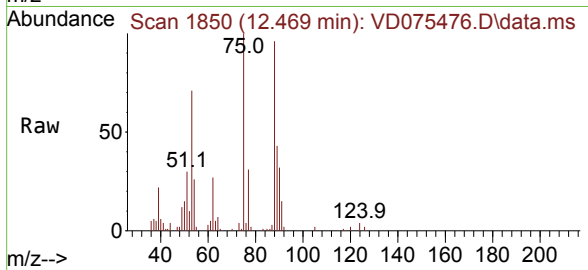




#81
trans-1,4-Dichloro-2-butene
Concen: 47.422 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

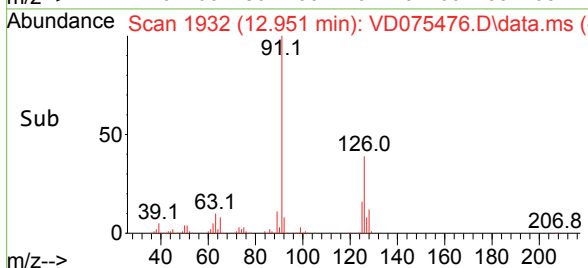
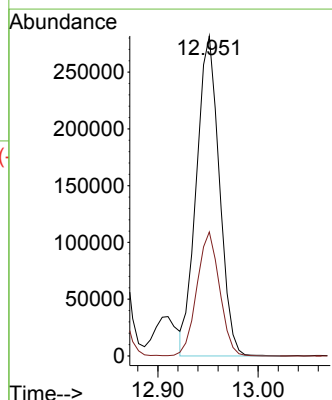
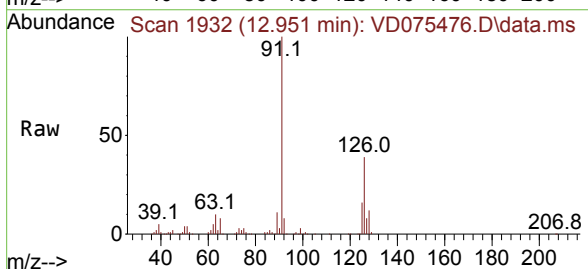
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

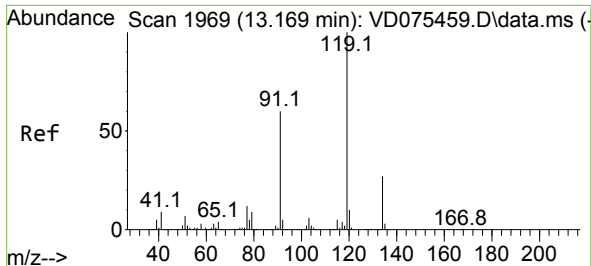
Tgt Ion: 75 Resp: 32486
Ion Ratio Lower Upper
75 100
53 71.3 90.5 135.7#
89 48.1 40.2 60.4



#82
4-Chlorotoluene
Concen: 49.389 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion: 91 Resp: 447802
Ion Ratio Lower Upper
91 100
126 38.4 17.1 51.2

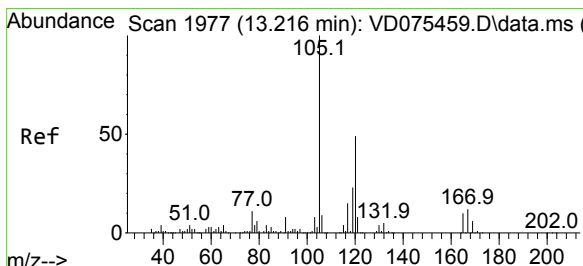
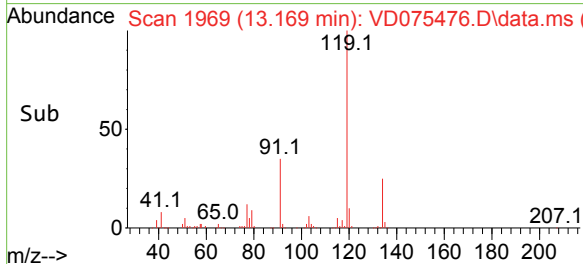
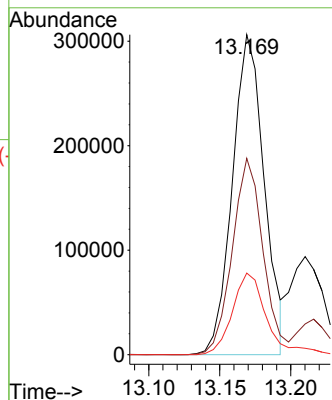
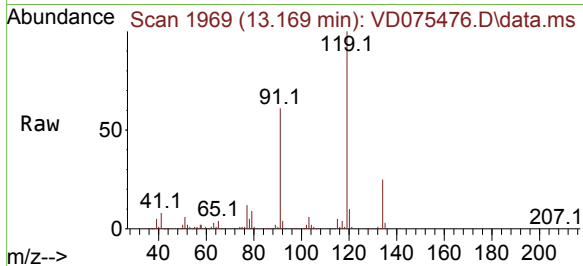




#83
tert-Butylbenzene
Concen: 51.135 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

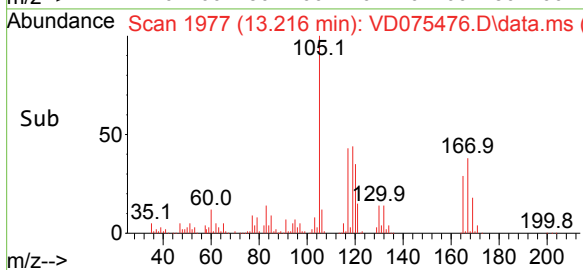
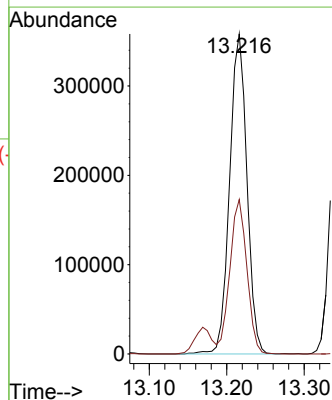
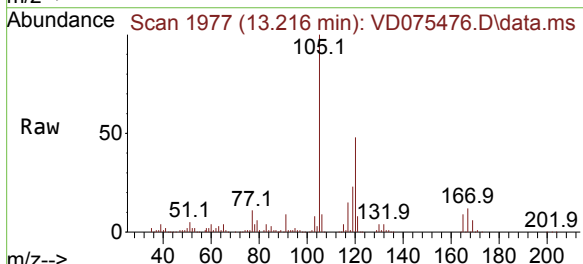
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

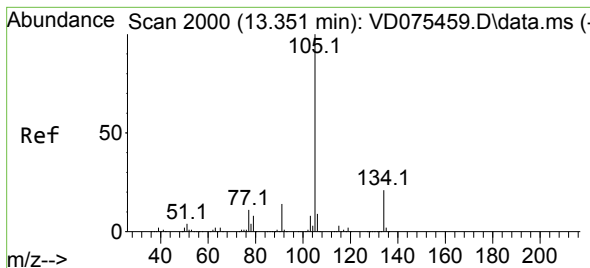
Tgt Ion:119 Resp: 478595
Ion Ratio Lower Upper
119 100
91 59.4 32.4 97.0
134 27.3 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 51.829 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion:105 Resp: 557095
Ion Ratio Lower Upper
105 100
120 47.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.645 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

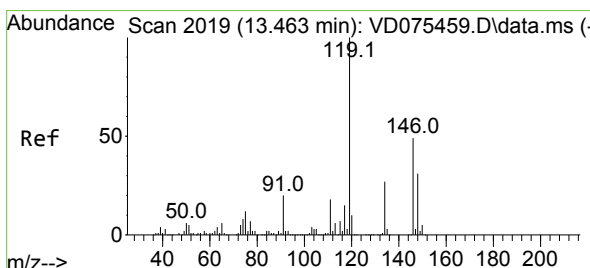
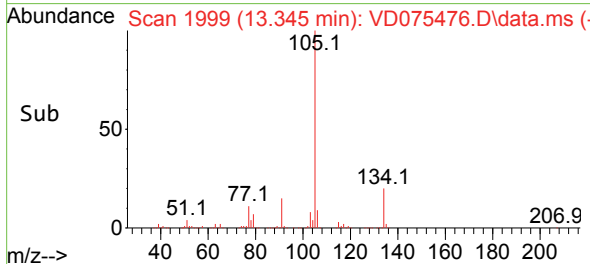
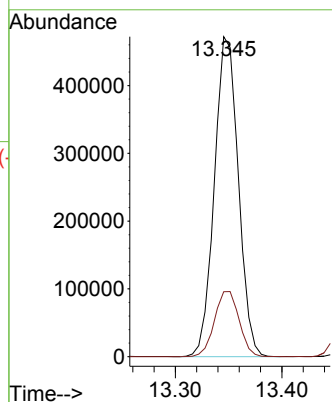
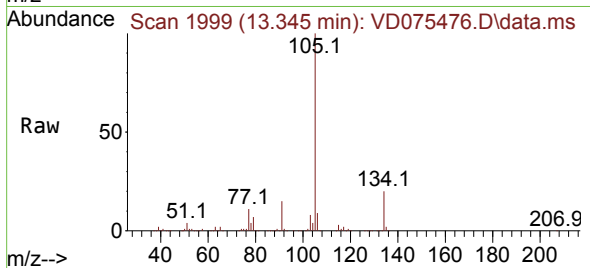
VSTDCCC050EC

Tgt Ion:105 Resp: 736468

Ion Ratio Lower Upper

105 100

134 21.0 9.9 29.7



#86

p-Isopropyltoluene

Concen: 51.986 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

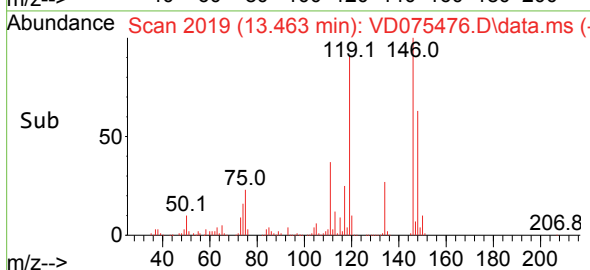
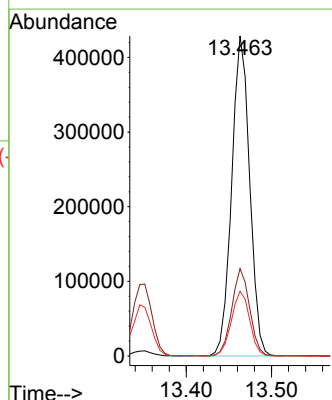
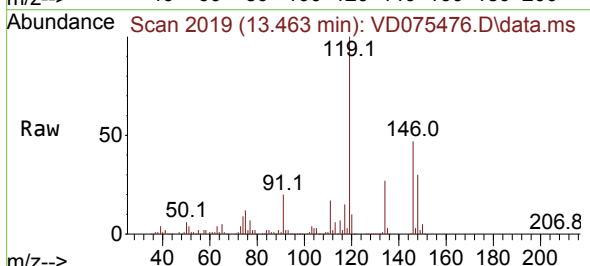
Tgt Ion:119 Resp: 628293

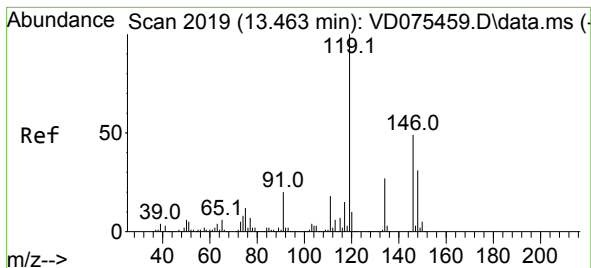
Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.3

91 20.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.498 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

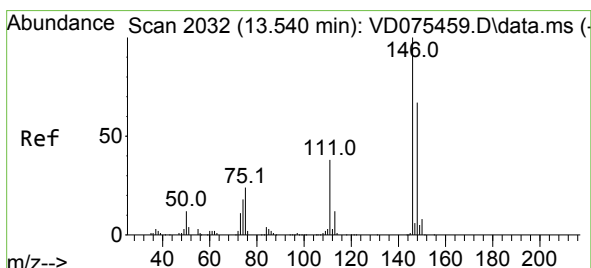
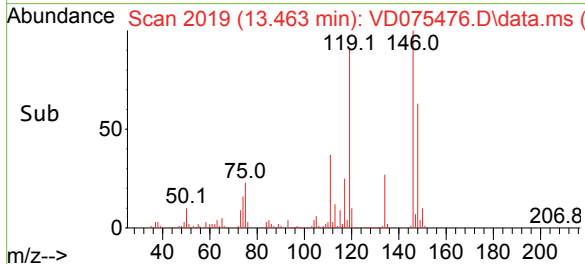
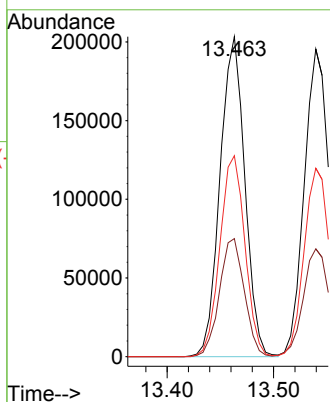
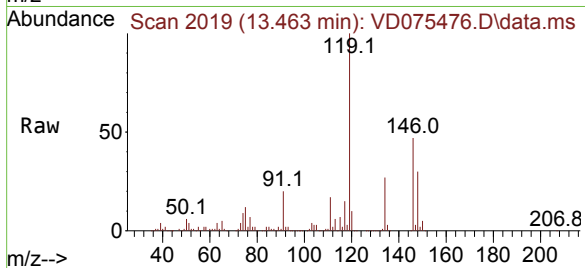
Tgt Ion:146 Resp: 328733

Ion Ratio Lower Upper

146 100

111 37.1 19.8 59.3

148 63.5 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 49.807 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

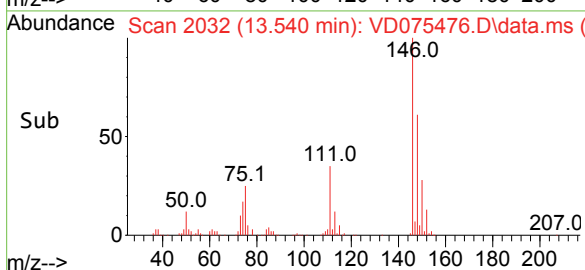
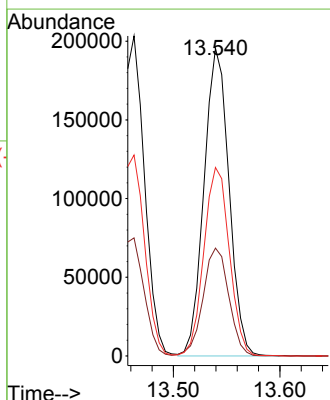
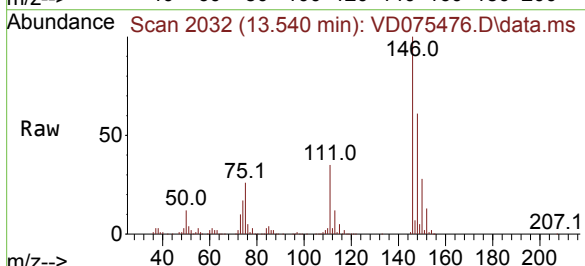
Tgt Ion:146 Resp: 319594

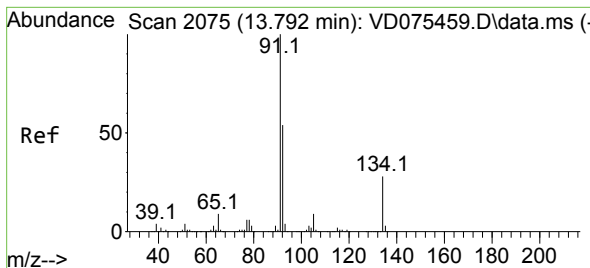
Ion Ratio Lower Upper

146 100

111 36.2 19.6 58.8

148 62.5 31.7 95.1





#89

n-Butylbenzene

Concen: 49.531 ug/l

RT: 13.792 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

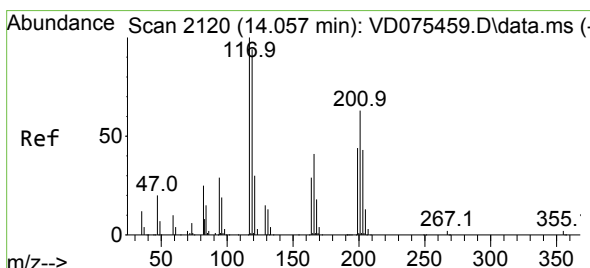
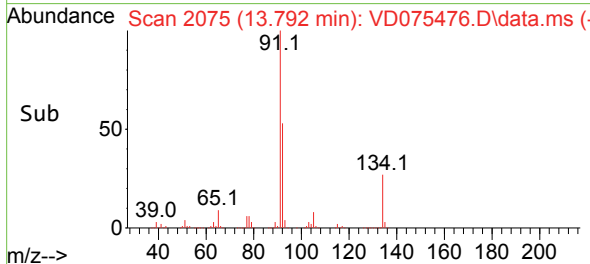
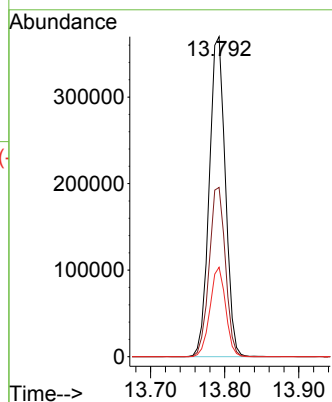
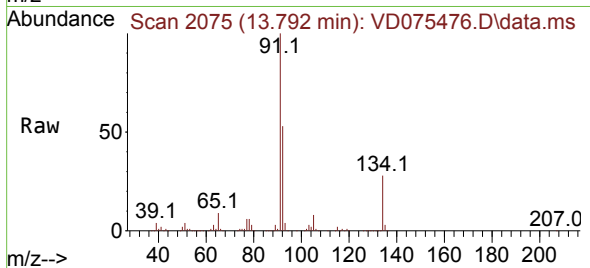
Tgt Ion: 91 Resp: 556255

Ion Ratio Lower Upper

91 100

92 53.5 26.2 78.5

134 27.2 12.7 38.0



#90

Hexachloroethane

Concen: 48.680 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD075476.D

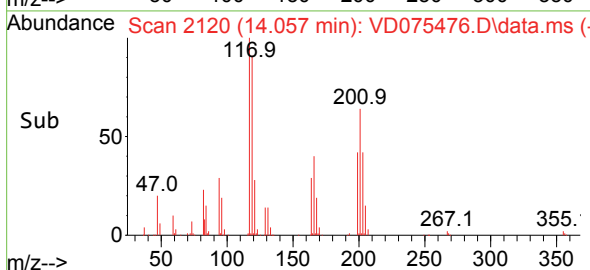
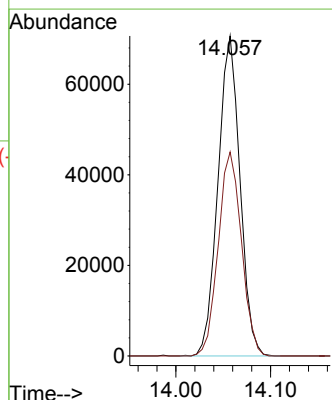
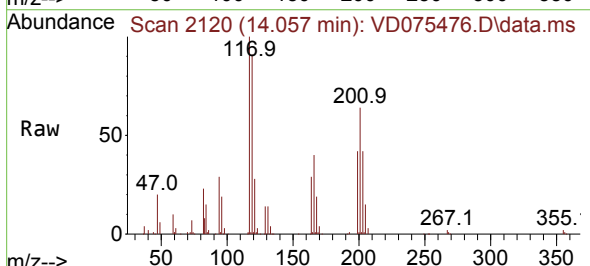
Acq: 08 Mar 2023 18:28

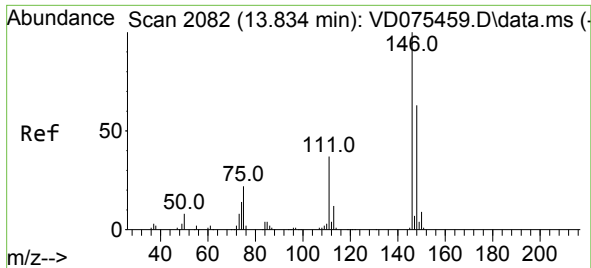
Tgt Ion: 117 Resp: 114138

Ion Ratio Lower Upper

117 100

201 67.2 34.5 103.6

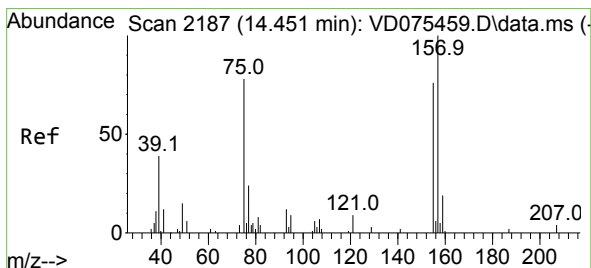
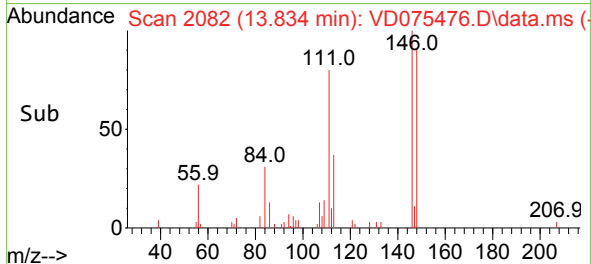
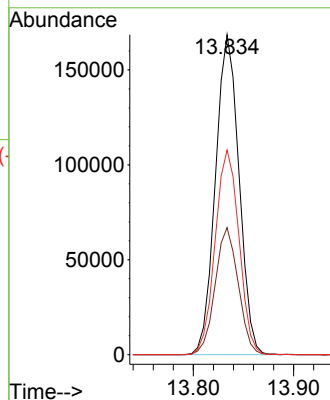
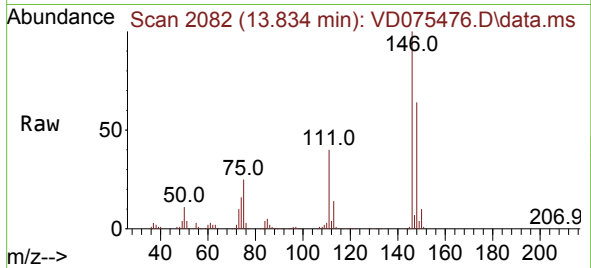




#91
1,2-Dichlorobenzene
Concen: 49.403 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

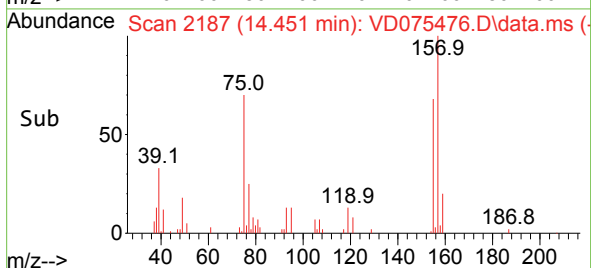
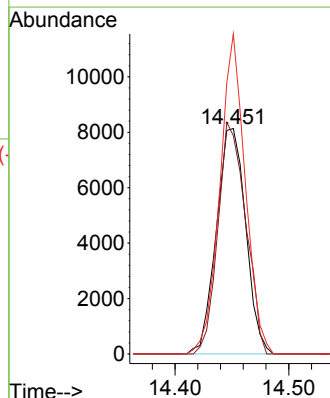
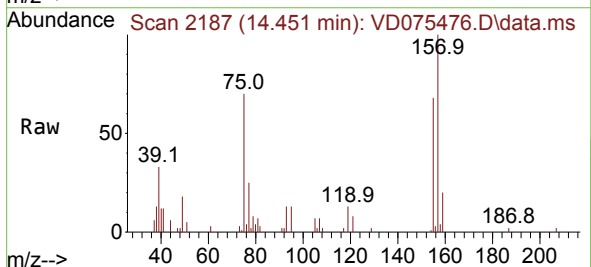
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

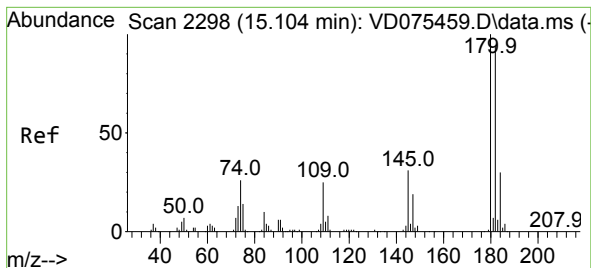
Tgt Ion:146 Resp: 275111
Ion Ratio Lower Upper
146 100
111 39.0 20.6 61.8
148 64.8 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.680 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion: 75 Resp: 14581
Ion Ratio Lower Upper
75 100
155 97.3 39.5 118.5
157 122.9 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 47.986 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

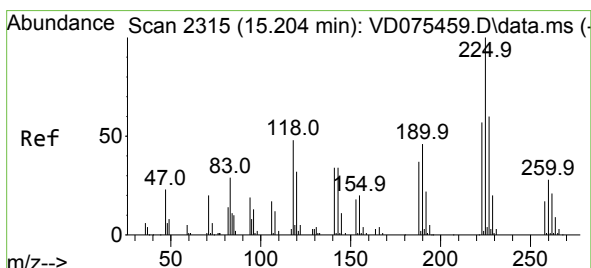
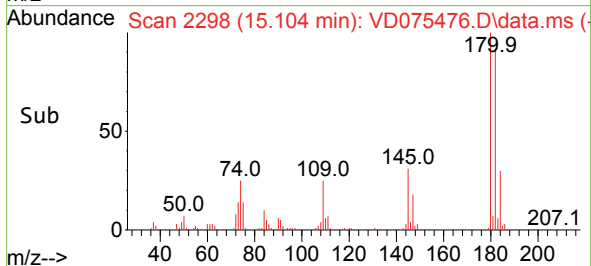
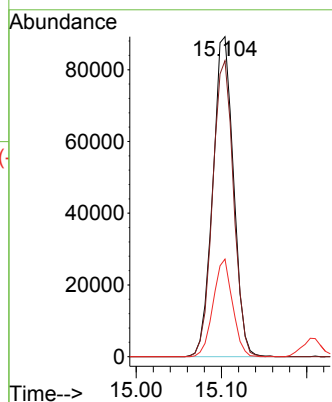
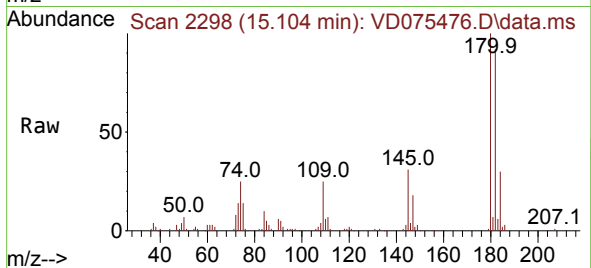
Tgt Ion:180 Resp: 150477

Ion Ratio Lower Upper

180 100

182 93.5 47.9 143.7

145 28.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 45.712 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD075476.D

Acq: 08 Mar 2023 18:28

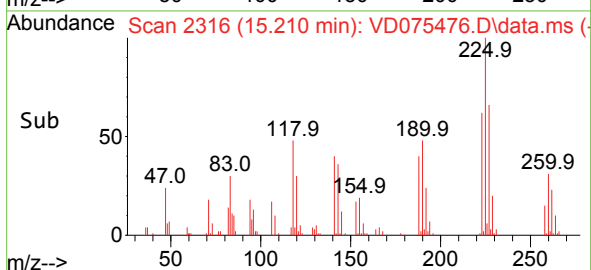
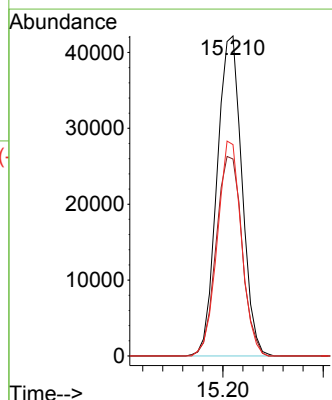
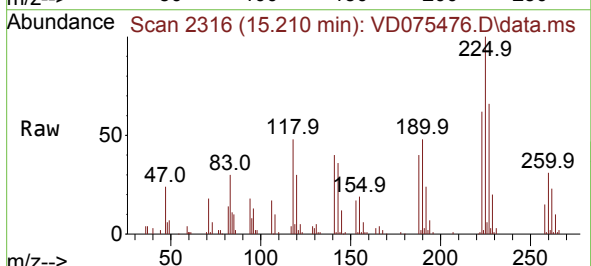
Tgt Ion:225 Resp: 72525

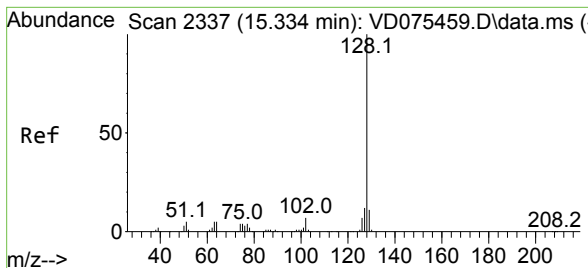
Ion Ratio Lower Upper

225 100

223 65.0 33.1 99.2

227 65.0 31.9 95.9

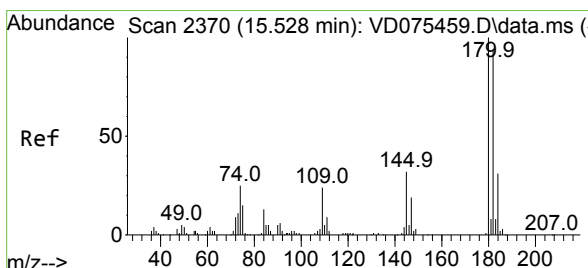
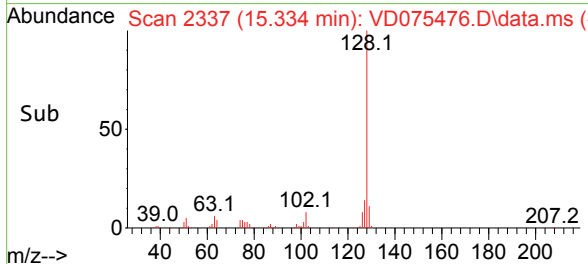
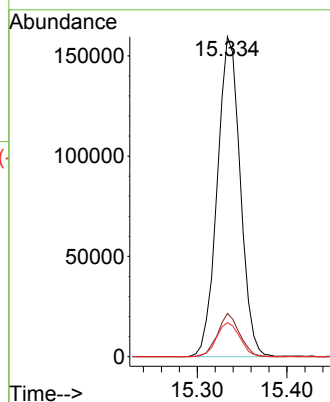
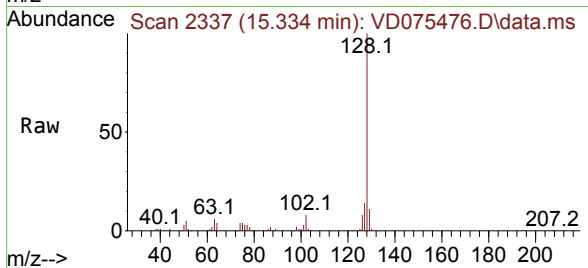




#95
Naphthalene
Concen: 48.176 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 283658
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.041 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075476.D
Acq: 08 Mar 2023 18:28

Tgt Ion:180 Resp: 127959
Ion Ratio Lower Upper
180 100
182 96.8 47.7 143.1
145 32.6 16.4 49.4

