

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030823\
 Data File : VD075466.D
 Acq On : 08 Mar 2023 11:26
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 09 02:13:38 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	7.875	168	251934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	412029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	373689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	186633	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	80628	49.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.000%
35) Dibromofluoromethane	7.805	113	110003	46.075	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.140%
50) Toluene-d8	10.269	98	387839	44.862	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.720%
62) 4-Bromofluorobenzene	12.575	95	126470	48.377	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	110998	44.669	ug/l	96
3) Chloromethane	2.146	50	206093	57.257	ug/l	96
4) Vinyl Chloride	2.287	62	293852	49.383	ug/l	98
5) Bromomethane	2.693	94	211271	43.986	ug/l	97
6) Chloroethane	2.840	64	197635	50.073	ug/l	99
7) Trichlorofluoromethane	3.175	101	221397	47.608	ug/l	99
8) Diethyl Ether	3.593	74	59091	47.005	ug/l	68
9) 1,1,2-Trichlorotrifluo...	3.969	101	145537	47.849	ug/l	93
10) Methyl Iodide	4.164	142	156512	46.540	ug/l	92
11) Tert butyl alcohol	5.058	59	23201	222.893	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	141984	47.256	ug/l	91
13) Acrolein	3.799	56	53104	220.370	ug/l	96
14) Allyl chloride	4.558	41	124226	46.965	ug/l #	81
15) Acrylonitrile	5.252	53	109178	234.366	ug/l	95
16) Acetone	4.022	43	107153	264.047	ug/l #	86
17) Carbon Disulfide	4.269	76	460104	48.019	ug/l	97
18) Methyl Acetate	4.564	43	57719	47.373	ug/l #	72
19) Methyl tert-butyl Ether	5.322	73	256684	50.073	ug/l	92
20) Methylene Chloride	4.805	84	159697	50.031	ug/l #	75
21) trans-1,2-Dichloroethene	5.311	96	167093	49.819	ug/l #	79
22) Diisopropyl ether	6.216	45	281352	50.243	ug/l #	88
23) Vinyl Acetate	6.158	43	691323	250.714	ug/l #	84
24) 1,1-Dichloroethane	6.116	63	234408	48.422	ug/l	96
25) 2-Butanone	7.081	43	127580	243.030	ug/l #	64
26) 2,2-Dichloropropane	7.081	77	215893	49.301	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	177628	49.229	ug/l	81
28) Bromochloromethane	7.422	49	80616	49.768	ug/l #	44
29) Tetrahydrofuran	7.446	42	70722	243.559	ug/l #	57
30) Chloroform	7.599	83	260635	49.481	ug/l	97
31) Cyclohexane	7.875	56	194301	48.049	ug/l #	79
32) 1,1,1-Trichloroethane	7.793	97	232211	49.822	ug/l	95
36) 1,1-Dichloropropene	8.010	75	207941	51.575	ug/l	94
37) Ethyl Acetate	7.169	43	53837	51.780	ug/l #	80
38) Carbon Tetrachloride	7.987	117	198488	53.161	ug/l	97
39) Methylcyclohexane	9.275	83	268011	53.026	ug/l #	89
40) Benzene	8.252	78	603541	51.531	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	28737	51.730	ug/l #	66
42) 1,2-Dichloroethane	8.328	62	134145	50.980	ug/l	90
43) Isopropyl Acetate	8.357	43	98283	49.479	ug/l #	79
44) Trichloroethene	9.028	130	173391	50.146	ug/l	91
45) 1,2-Dichloropropane	9.304	63	131292	50.946	ug/l	92
46) Dibromomethane	9.393	93	80838	51.807	ug/l	95
47) Bromodichloromethane	9.587	83	191319	50.858	ug/l	99
48) Methyl methacrylate	9.381	41	48571	51.792	ug/l #	61
49) 1,4-Dioxane	9.387	88	15044	1016.697	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	258445	254.508	ug/l #	77
52) Toluene	10.334	92	400061	52.727	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	178724	52.372	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	217196	51.641	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	114178	52.477	ug/l	92
56) Ethyl methacrylate	10.598	69	111508	51.564	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	175843	50.965	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	281781	265.040	ug/l #	87
59) 2-Hexanone	10.922	43	191880	267.848	ug/l	73
60) Dibromochloromethane	11.075	129	132742	51.180	ug/l	96
61) 1,2-Dibromoethane	11.181	107	105182	51.189	ug/l	97
64) Tetrachloroethene	10.810	164	140724	49.417	ug/l	93
65) Chlorobenzene	11.610	112	423812	50.914	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	146800	51.956	ug/l	96
67) Ethyl Benzene	11.687	91	745322	52.433	ug/l	96
68) m/p-Xylenes	11.793	106	616755	106.549	ug/l	92
69) o-Xylene	12.122	106	278845	52.986	ug/l	93
70) Styrene	12.140	104	479637	53.745	ug/l	93
71) Bromoform	12.298	173	74764	51.381	ug/l #	96
73) Isopropylbenzene	12.422	105	717997	51.655	ug/l	98
74) N-amyl acetate	12.234	43	88721	49.861	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.675	83	115382	48.633	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	135338	91.535	ug/l #	100
77) Bromobenzene	12.704	156	161757	49.625	ug/l	89
78) n-propylbenzene	12.769	91	871263	51.717	ug/l	97
79) 2-Chlorotoluene	12.851	91	458961	50.415	ug/l	92
80) 1,3,5-Trimethylbenzene	12.910	105	588835	51.842	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	36042	50.570	ug/l #	68
82) 4-Chlorotoluene	12.951	91	474213	50.271	ug/l	91
83) tert-Butylbenzene	13.169	119	510821	52.460	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	584428	52.261	ug/l	94
85) sec-Butylbenzene	13.345	105	792394	52.376	ug/l	98
86) p-Isopropyltoluene	13.463	119	664445	52.843	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	344564	50.875	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	335505	50.257	ug/l	98
89) n-Butylbenzene	13.792	91	604978	51.778	ug/l	97
90) Hexachloroethane	14.057	117	123208	50.508	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	291627	50.336	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	14944	47.955	ug/l	73
93) 1,2,4-Trichlorobenzene	15.104	180	163851	50.222	ug/l	98
94) Hexachlorobutadiene	15.210	225	81852	49.588	ug/l	97
95) Naphthalene	15.334	128	302041	49.307	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	142977	50.521	ug/l	98

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QLast Update : Wed Mar 08 12:19:57 2023
Response via : Initial Calibration

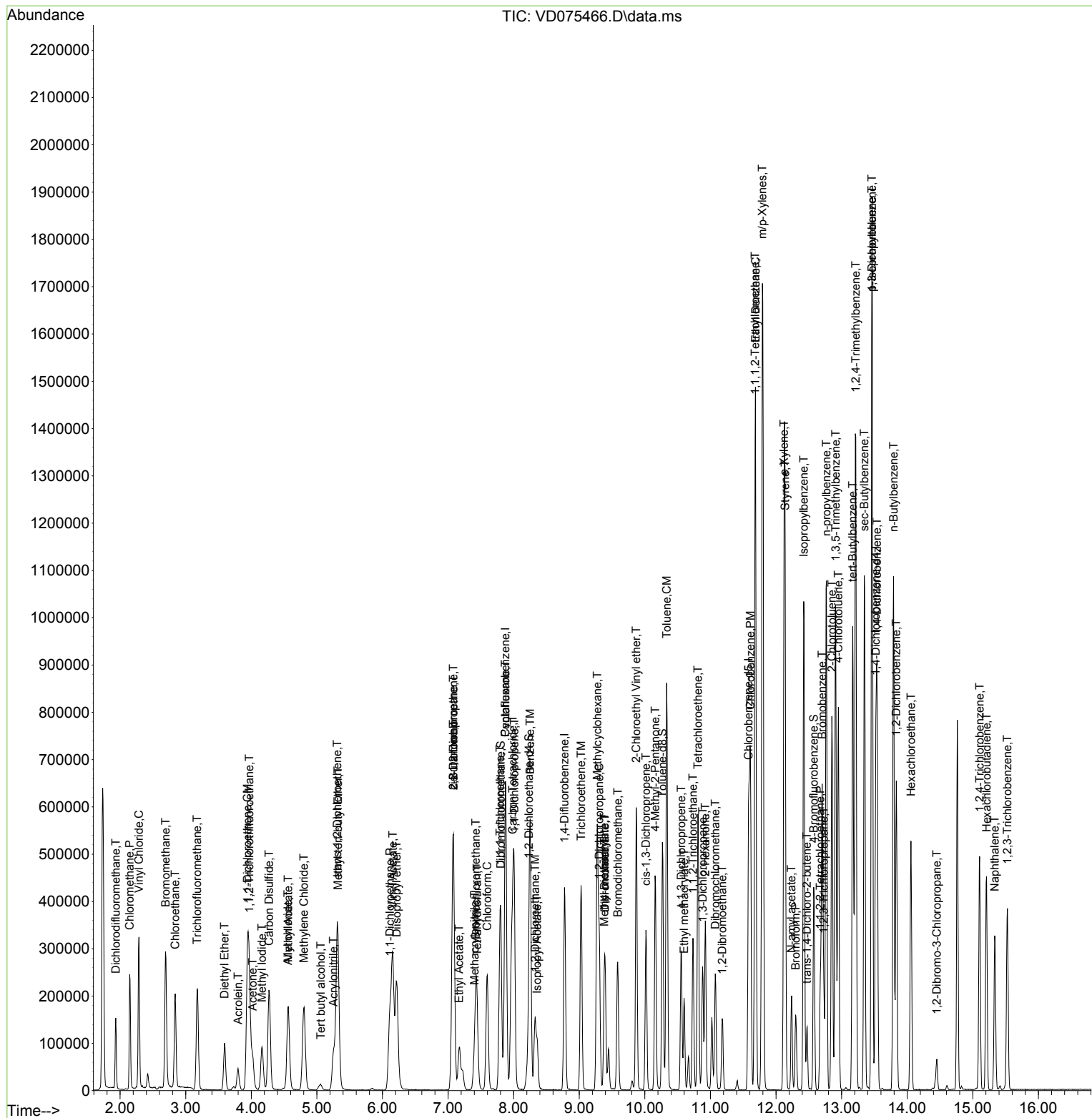
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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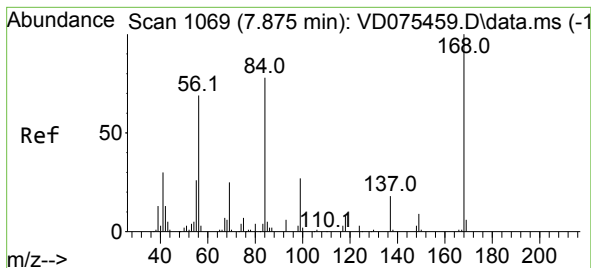
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

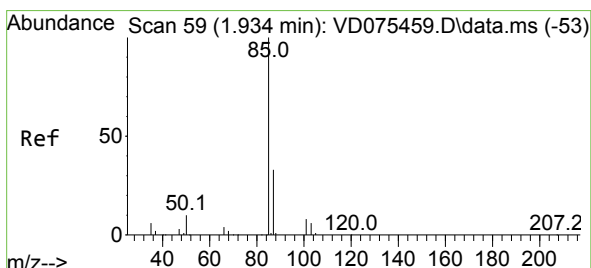
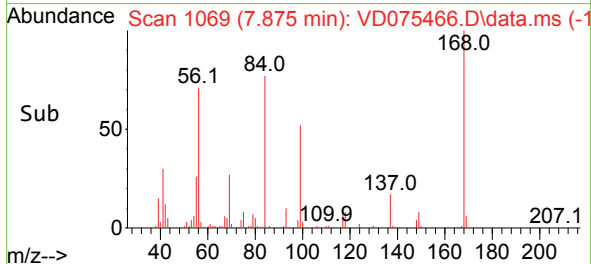
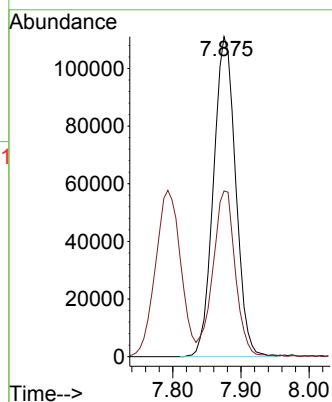
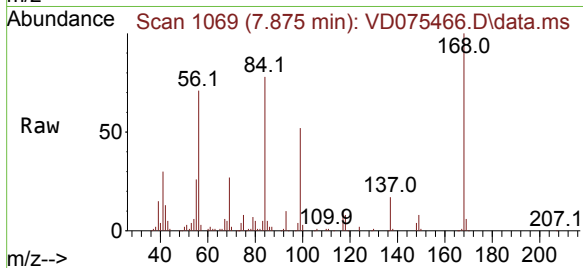
VSTDCCC050

Tgt Ion:168 Resp: 251934

Ion Ratio Lower Upper

168 100

99 51.3 43.8 65.6



#2

Dichlorodifluoromethane

Concen: 44.669 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD075466.D

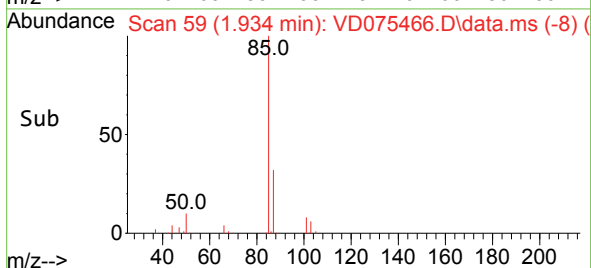
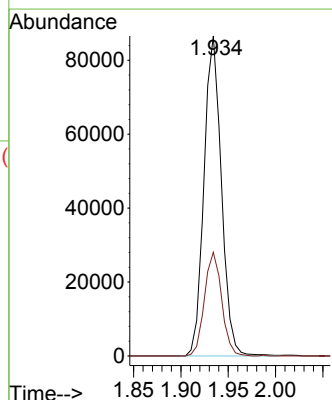
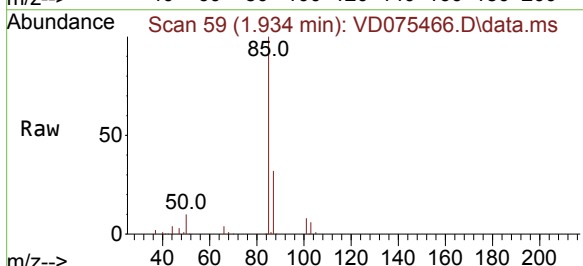
Acq: 08 Mar 2023 11:26

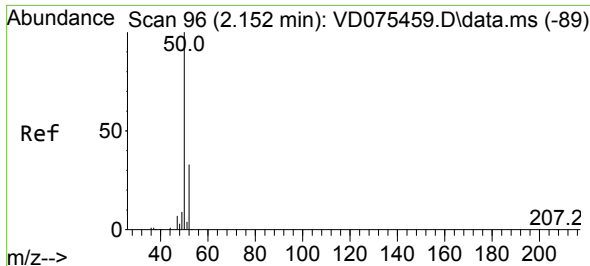
Tgt Ion: 85 Resp: 110998

Ion Ratio Lower Upper

85 100

87 32.4 17.3 51.7

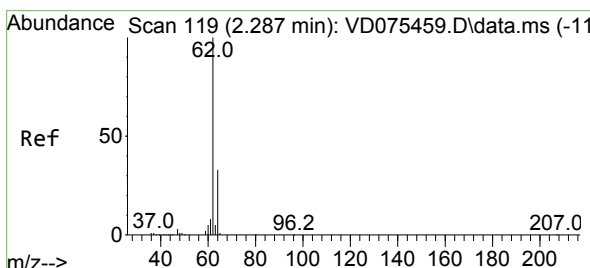
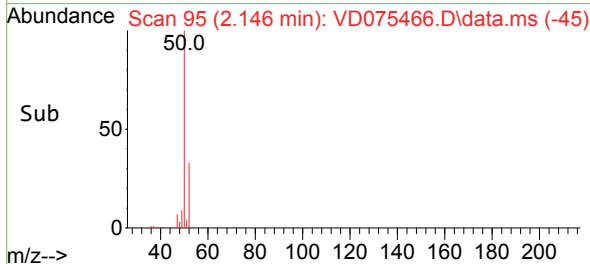
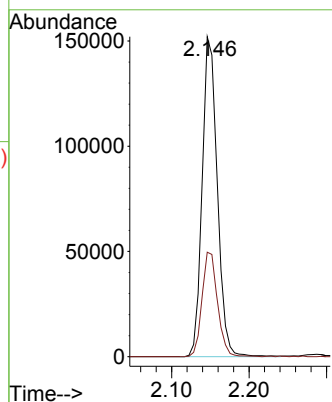
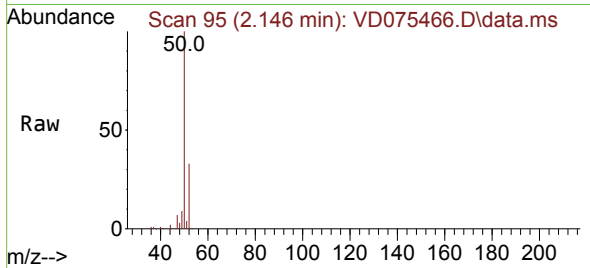




#3
Chloromethane
Concen: 57.257 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

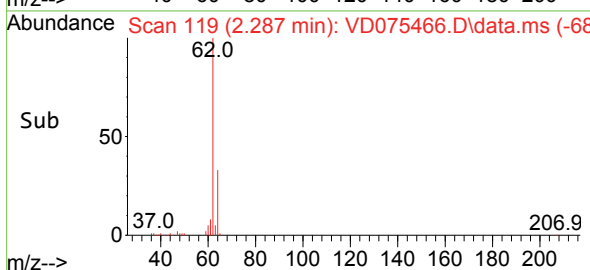
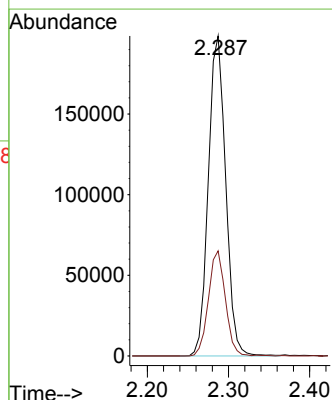
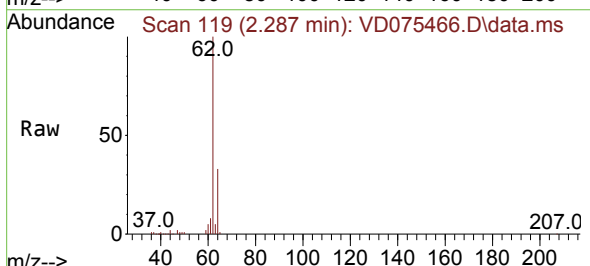
Instrument :
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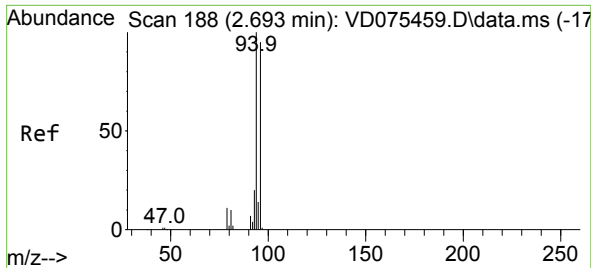
Tgt Ion: 50 Resp: 206093
Ion Ratio Lower Upper
50 100
52 32.7 27.8 41.8



#4
Vinyl Chloride
Concen: 49.383 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion: 62 Resp: 293852
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0

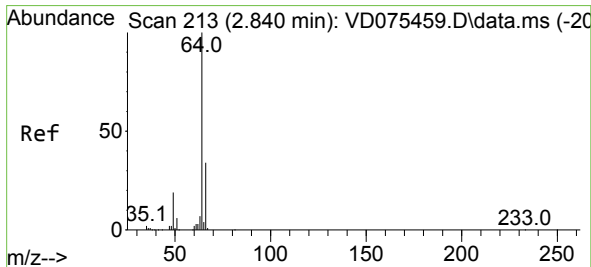
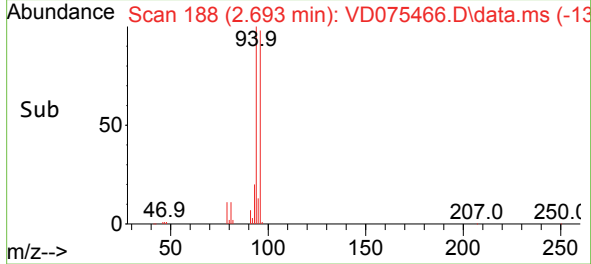
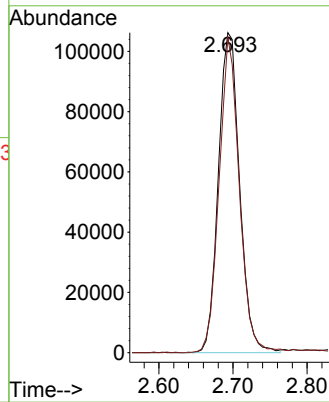
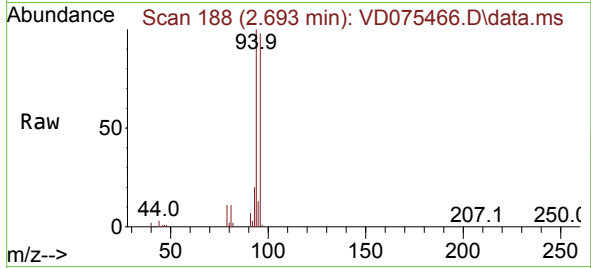




#5
Bromomethane
Concen: 43.986 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD075466.D
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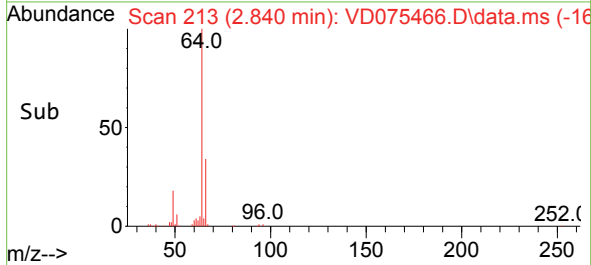
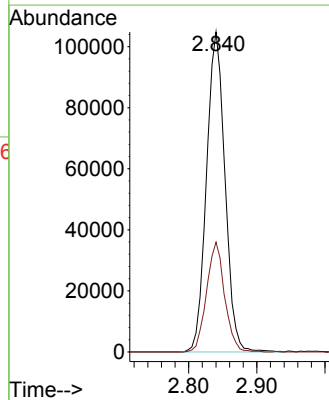
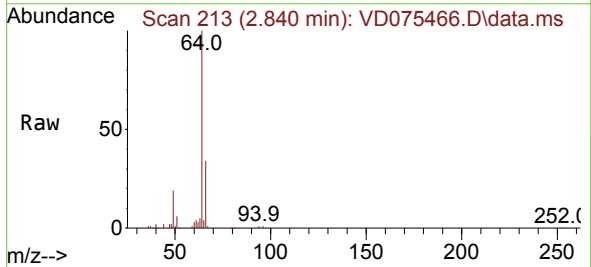
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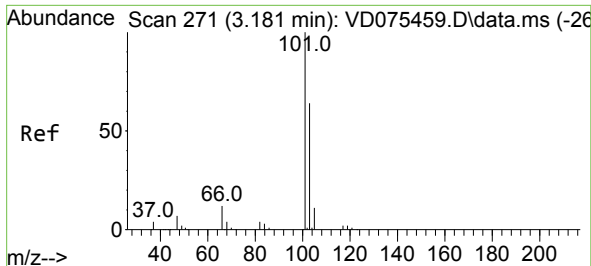
Tgt Ion: 94 Resp: 211271
Ion Ratio Lower Upper
94 100
96 94.0 77.5 116.3



#6
Chloroethane
Concen: 50.073 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion: 64 Resp: 197635
Ion Ratio Lower Upper
64 100
66 34.3 27.7 41.5

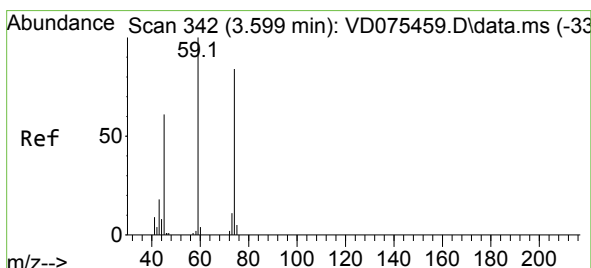
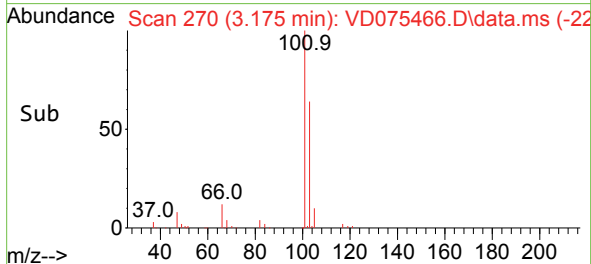
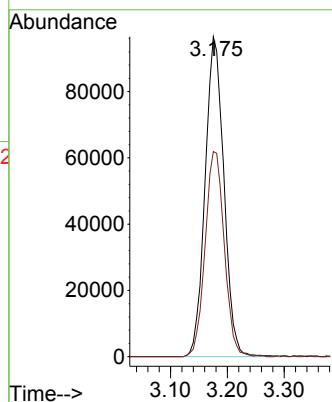
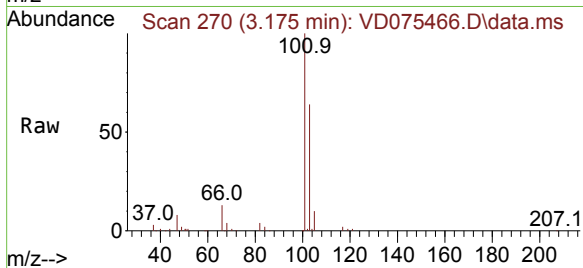




#7
Trichlorofluoromethane
Concen: 47.608 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

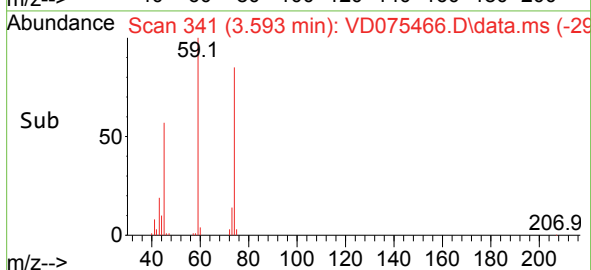
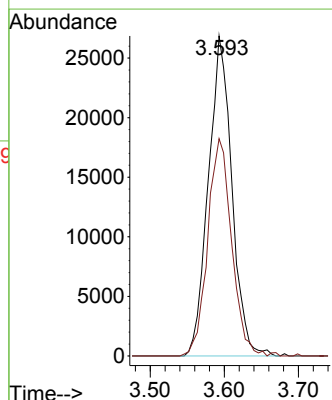
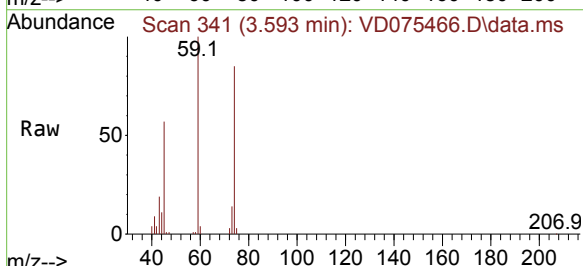
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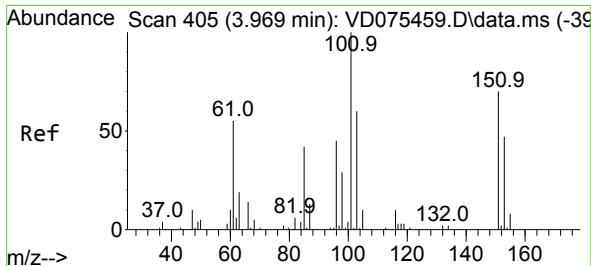
Tgt Ion:101 Resp: 221397
Ion Ratio Lower Upper
101 100
103 64.1 51.9 77.9



#8
Diethyl Ether
Concen: 47.005 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion: 74 Resp: 59091
Ion Ratio Lower Upper
74 100
45 69.0 50.9 152.7

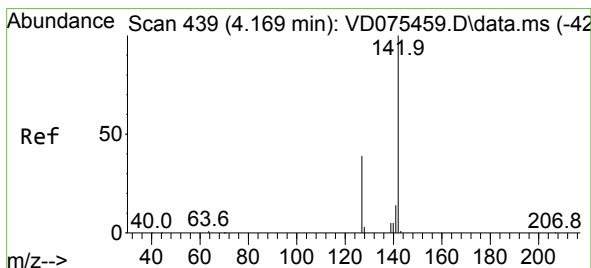
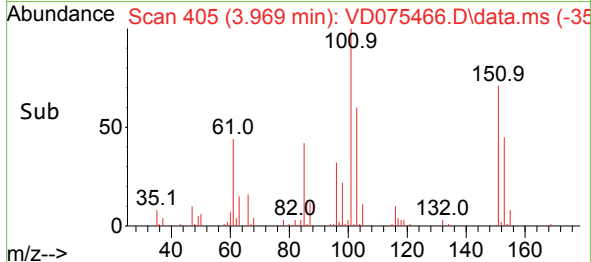
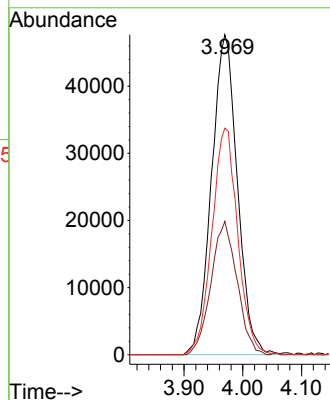
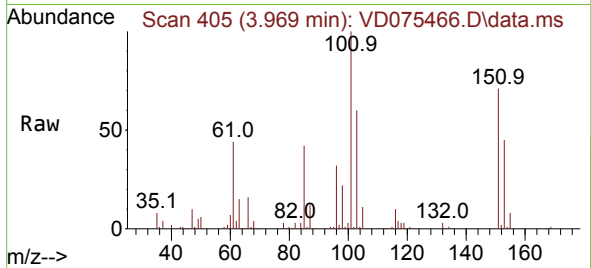




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.849 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

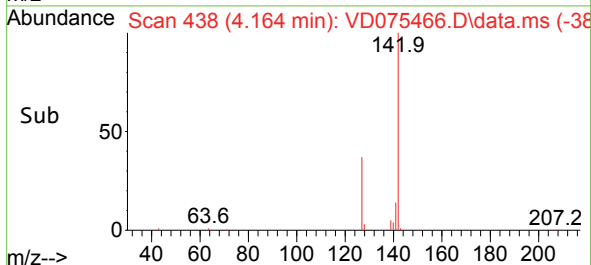
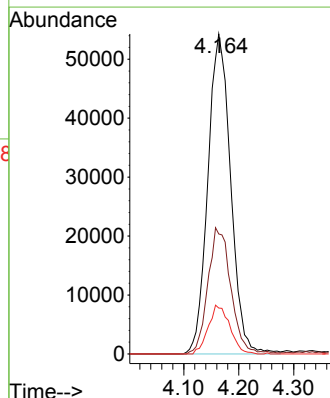
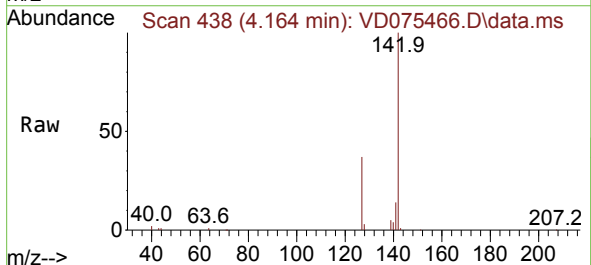
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

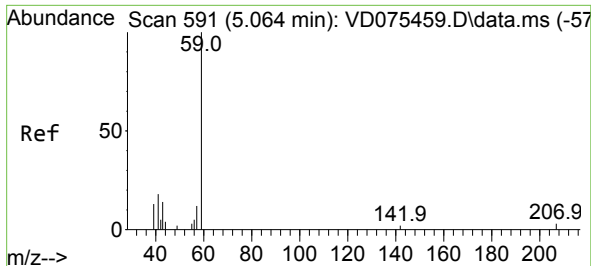
Tgt Ion:101 Resp: 145537
Ion Ratio Lower Upper
101 100
85 41.9 38.3 57.5
151 70.8 60.4 90.6



#10
Methyl Iodide
Concen: 46.540 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion:142 Resp: 156512
Ion Ratio Lower Upper
142 100
127 39.8 37.1 55.7
141 14.4 11.3 16.9

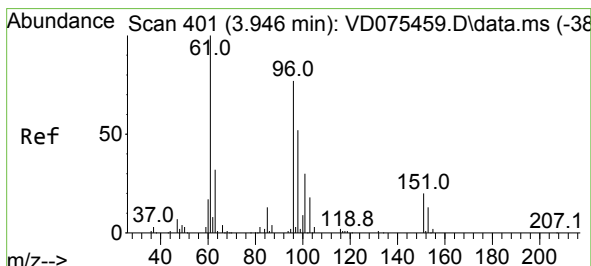
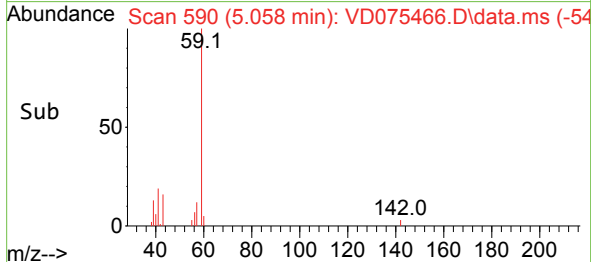
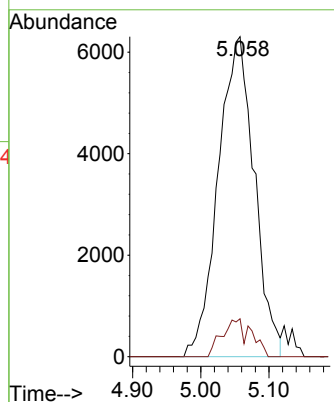
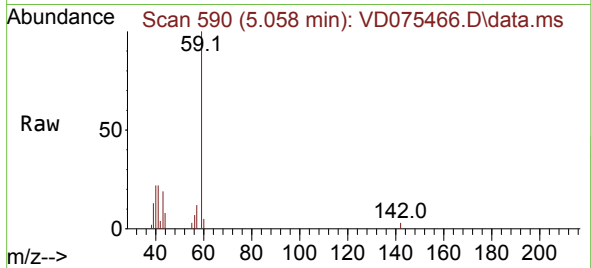




#11
Tert butyl alcohol
Concen: 222.893 ug/l
RT: 5.058 min Scan# 591
Delta R.T. -0.006 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

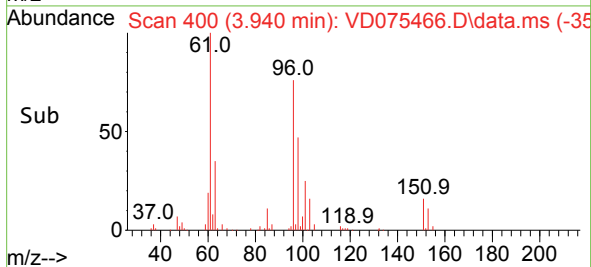
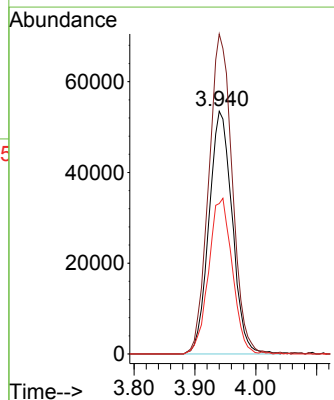
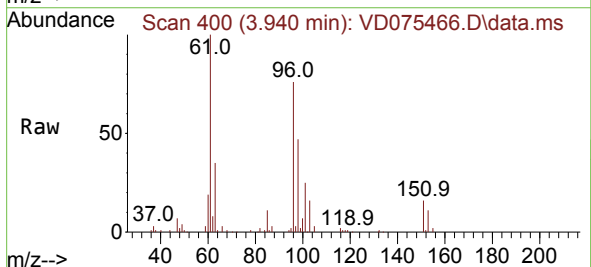
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

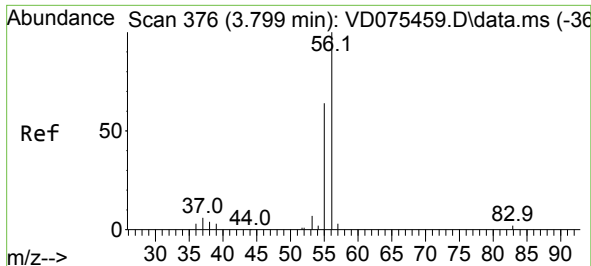
Tgt Ion: 59 Resp: 23201
Ion Ratio Lower Upper
59 100
57 6.6 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 47.256 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion: 96 Resp: 141984
Ion Ratio Lower Upper
96 100
61 131.8 118.6 177.8
98 62.0 49.7 74.5

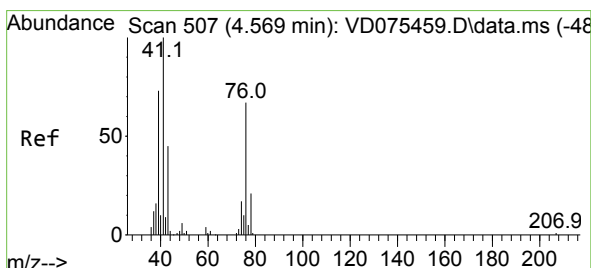
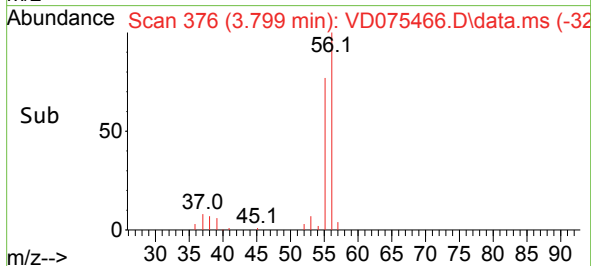
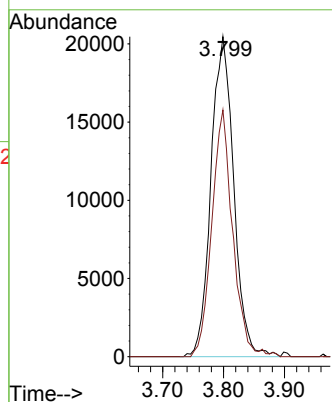
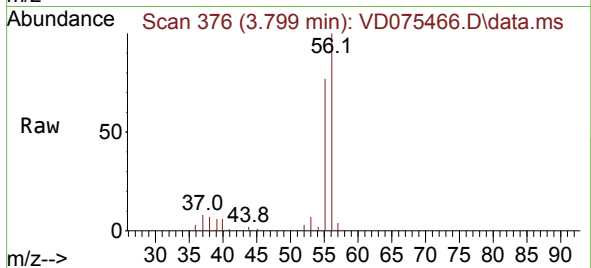




#13
Acrolein
Concen: 220.370 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

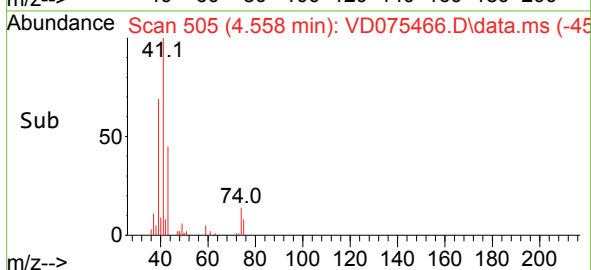
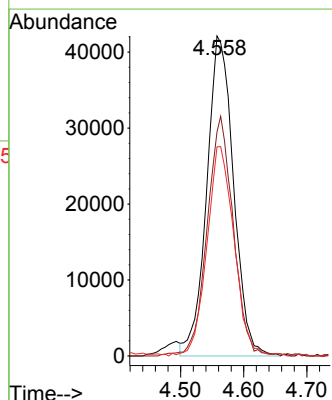
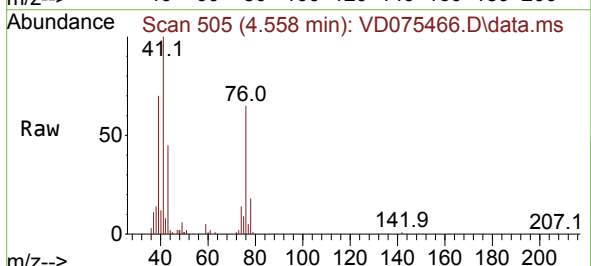
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

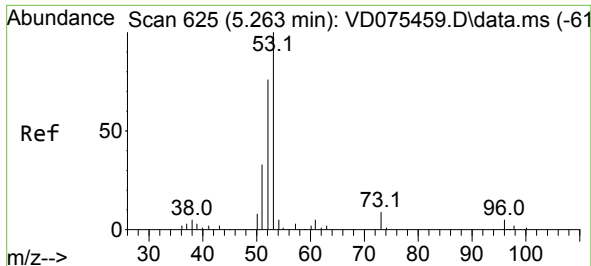
Tgt Ion: 56 Resp: 53104
Ion Ratio Lower Upper
56 100
55 71.0 53.9 80.9



#14
Allyl chloride
Concen: 46.965 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.011 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion: 41 Resp: 124226
Ion Ratio Lower Upper
41 100
39 73.1 60.6 90.8
76 66.2 28.6 43.0#

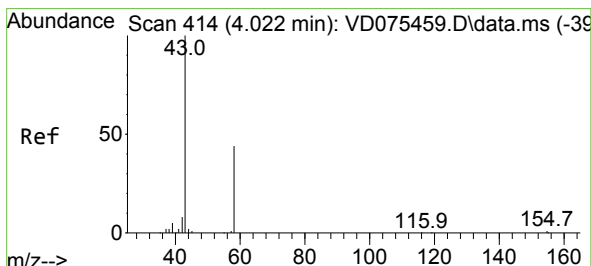
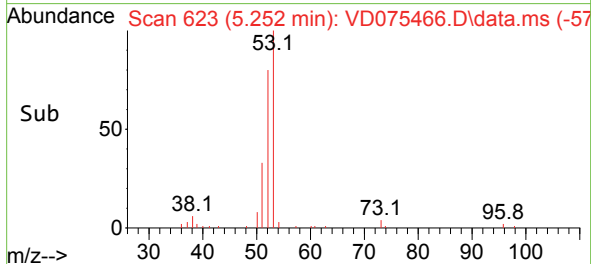
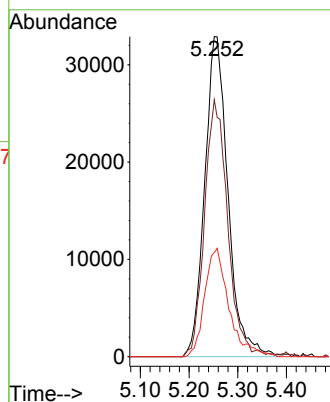
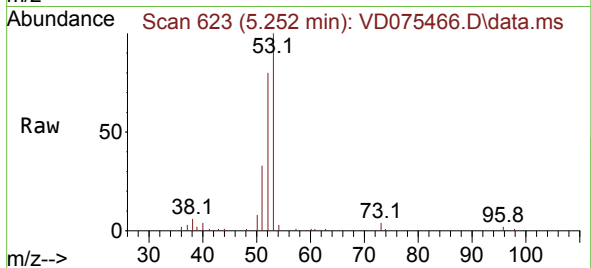




#15
Acrylonitrile
Concen: 234.366 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

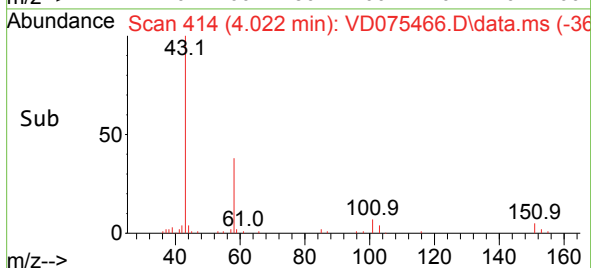
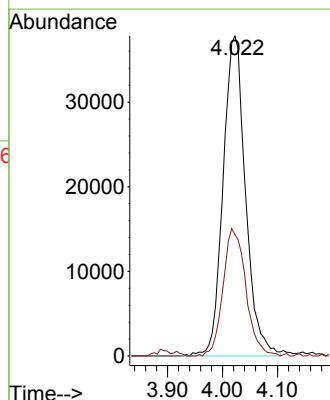
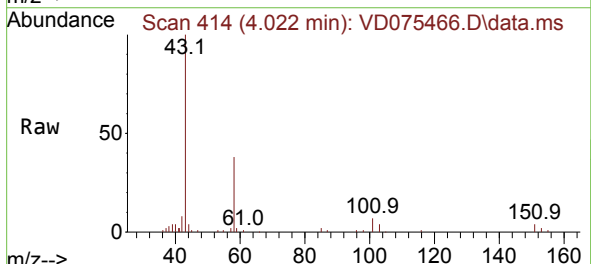
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

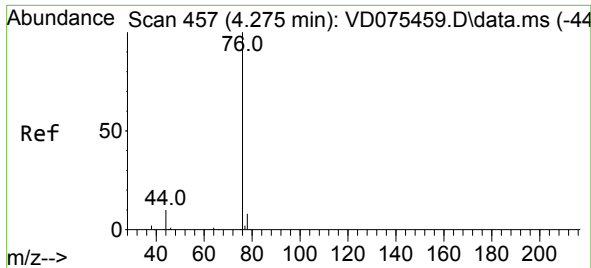
Tgt Ion: 53 Resp: 109178
Ion Ratio Lower Upper
53 100
52 78.9 66.2 99.4
51 35.2 30.7 46.1



#16
Acetone
Concen: 264.047 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion: 43 Resp: 107153
Ion Ratio Lower Upper
43 100
58 37.9 24.4 36.6#

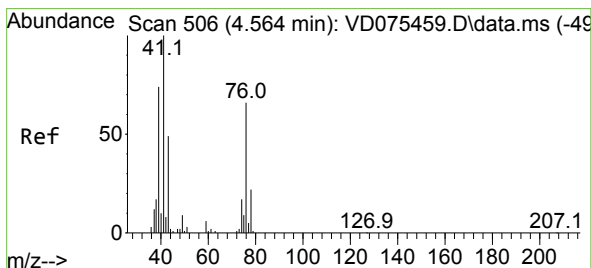
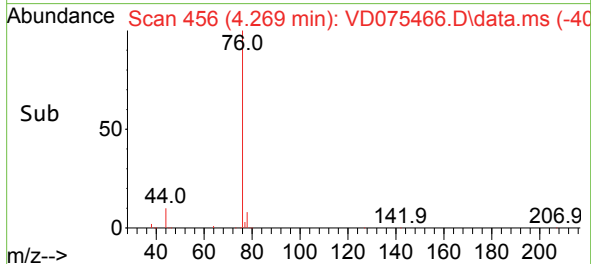
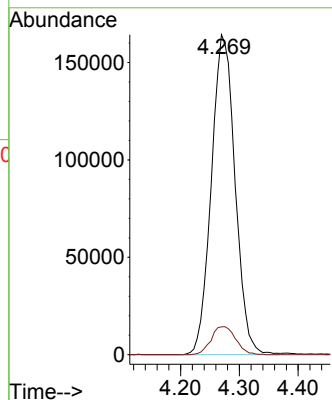
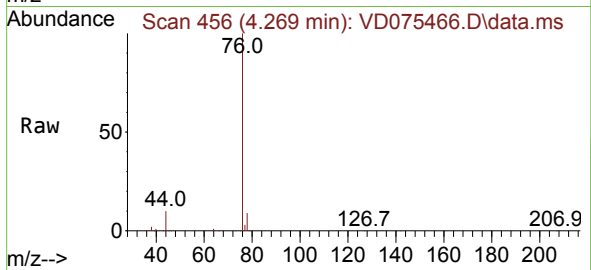




#17
Carbon Disulfide
Concen: 48.019 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

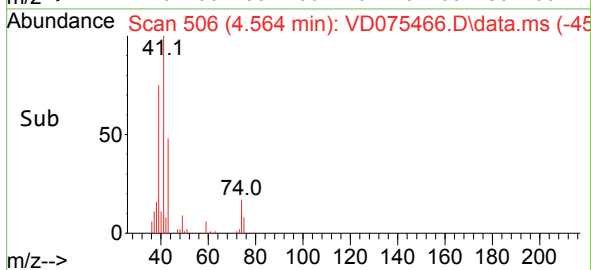
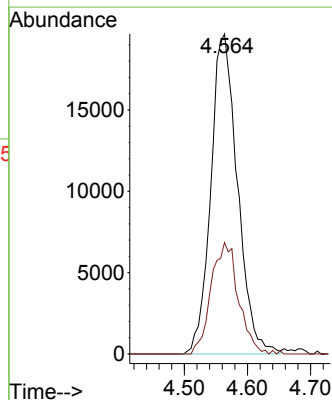
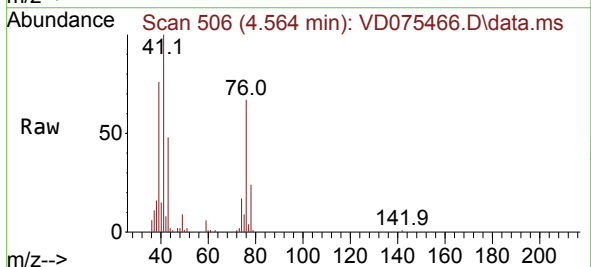
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

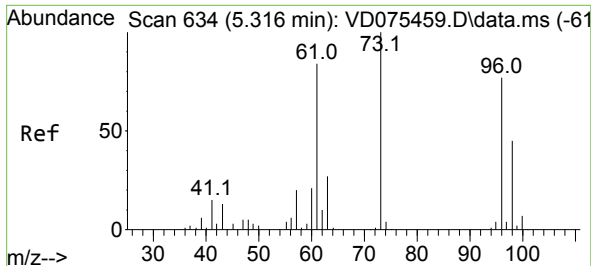
Tgt Ion: 76 Resp: 460104
Ion Ratio Lower Upper
76 100
78 8.7 8.0 12.0



#18
Methyl Acetate
Concen: 47.373 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion: 43 Resp: 57719
Ion Ratio Lower Upper
43 100
74 35.5 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 50.073 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

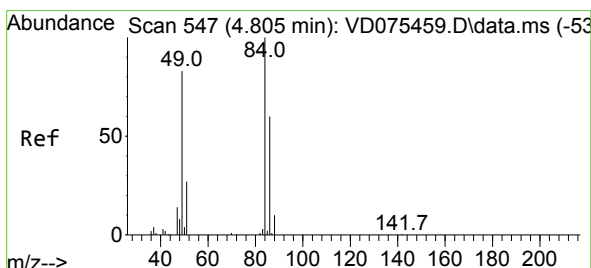
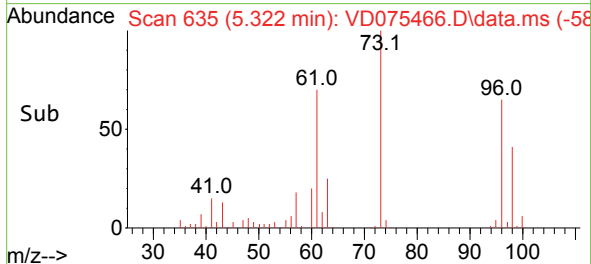
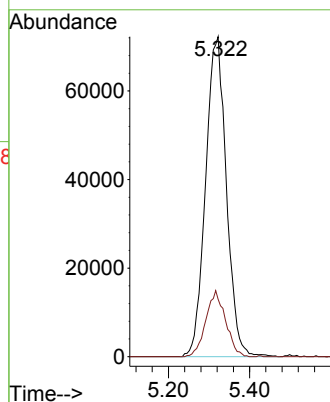
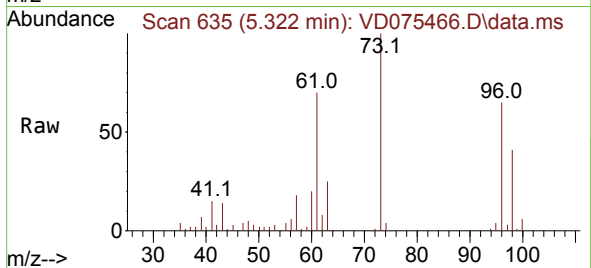
VSTDCCC050

Tgt Ion: 73 Resp: 256684

Ion Ratio Lower Upper

73 100

57 17.9 17.2 25.8



#20

Methylene Chloride

Concen: 50.031 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Tgt Ion: 84 Resp: 159697

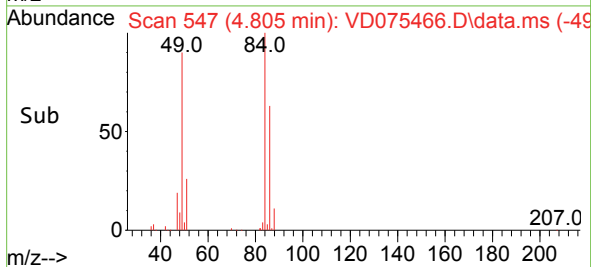
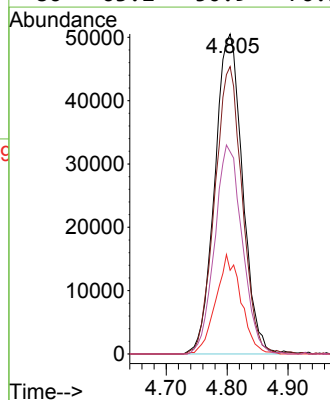
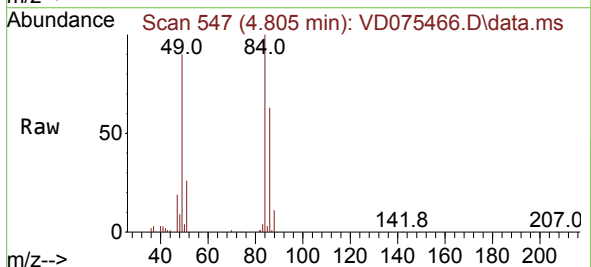
Ion Ratio Lower Upper

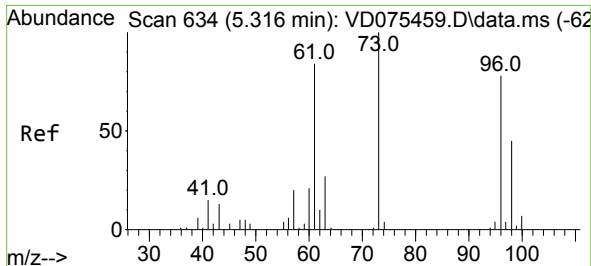
84 100

49 89.8 106.4 159.6#

51 26.2 32.4 48.6#

86 63.2 50.9 76.3

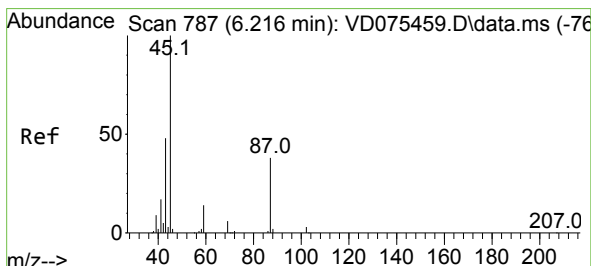
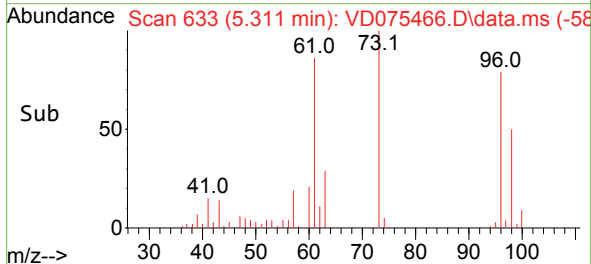
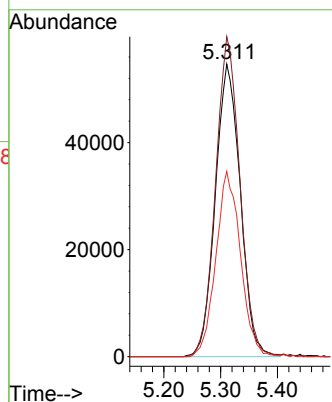
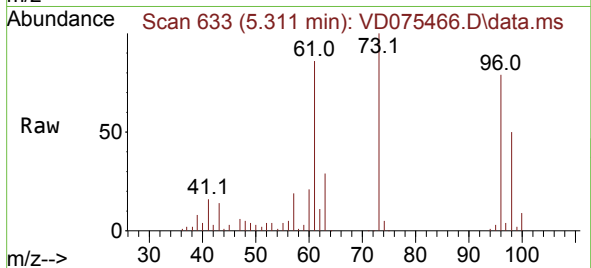




#21
trans-1,2-Dichloroethene
Concen: 49.819 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

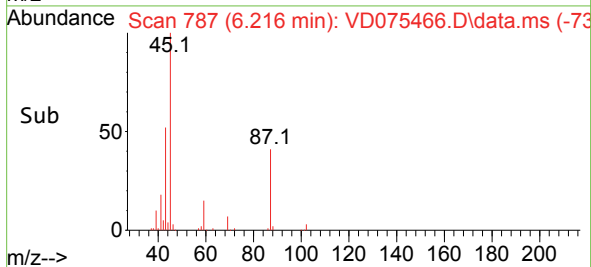
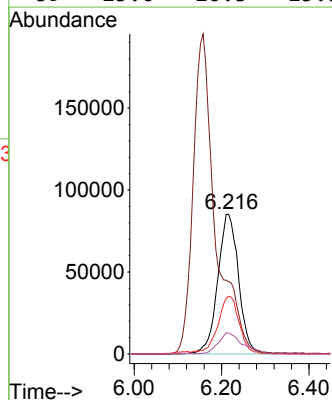
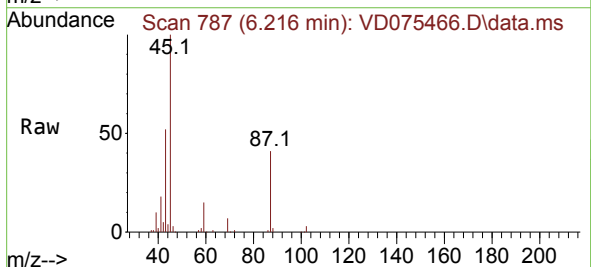
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

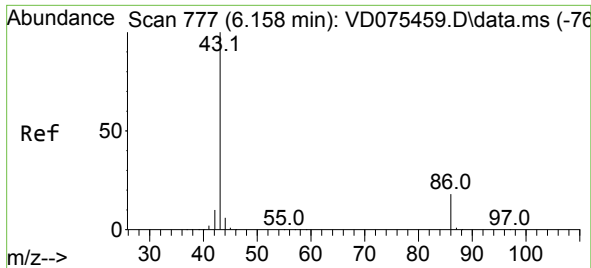
Tgt Ion: 96 Resp: 167093
Ion Ratio Lower Upper
96 100
61 109.3 117.2 175.8#
98 63.3 50.6 76.0



#22
Diisopropyl ether
Concen: 50.243 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion: 45 Resp: 281352
Ion Ratio Lower Upper
45 100
43 51.1 44.4 66.6
87 41.0 20.9 31.3#
59 15.0 10.3 15.5

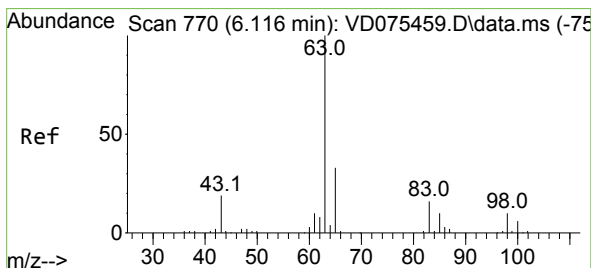
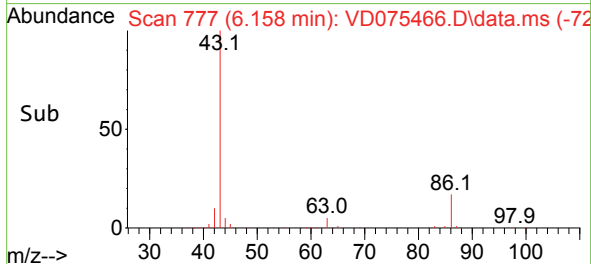
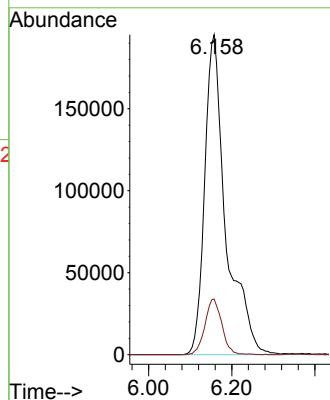
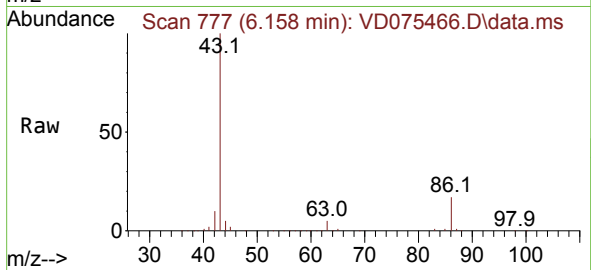




#23
 Vinyl Acetate
 Concen: 250.714 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD075466.D
 Acq: 08 Mar 2023 11:26

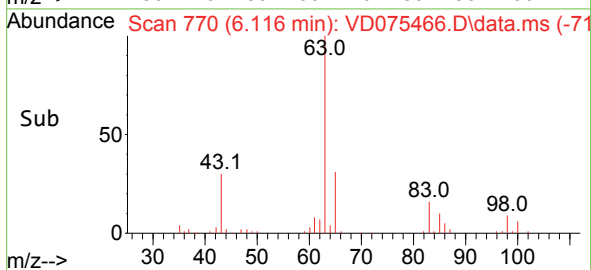
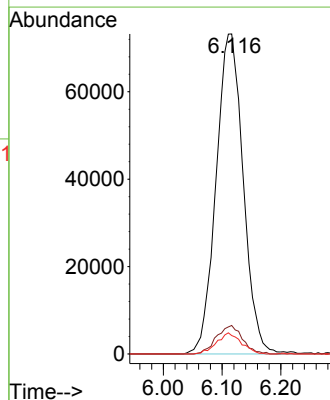
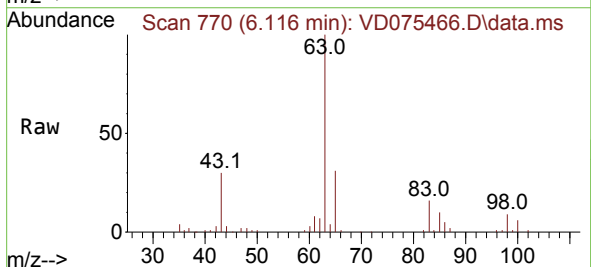
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

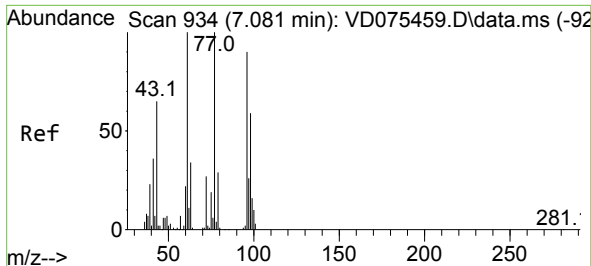
Tgt Ion: 43 Resp: 691323
 Ion Ratio Lower Upper
 43 100
 86 17.4 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 48.422 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD075466.D
 Acq: 08 Mar 2023 11:26

Tgt Ion: 63 Resp: 234408
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.9 11.7
 100 5.8 2.0 6.0

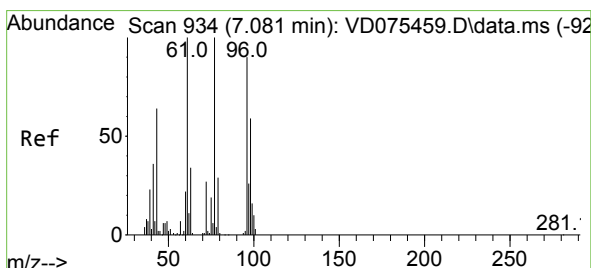
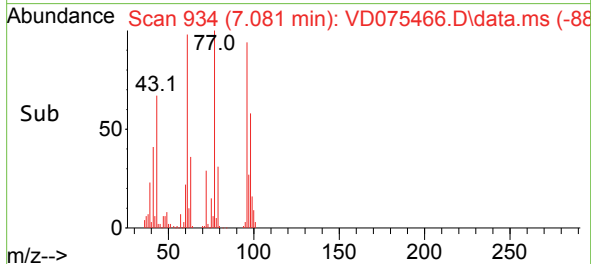
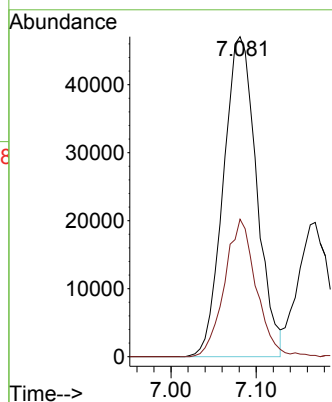
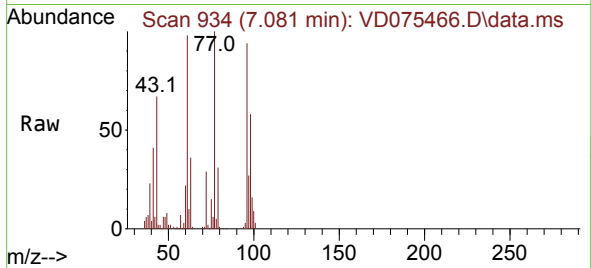




#25
2-Butanone
Concen: 243.030 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

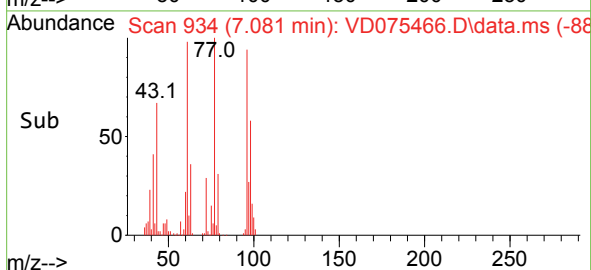
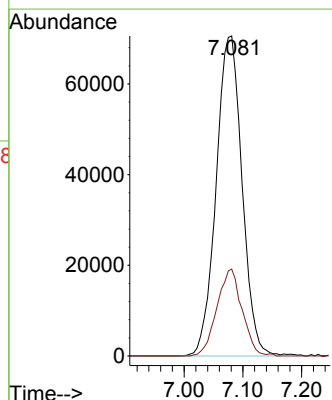
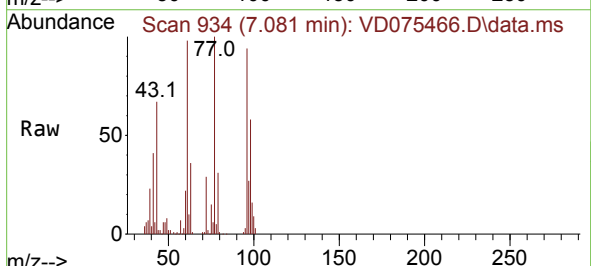
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

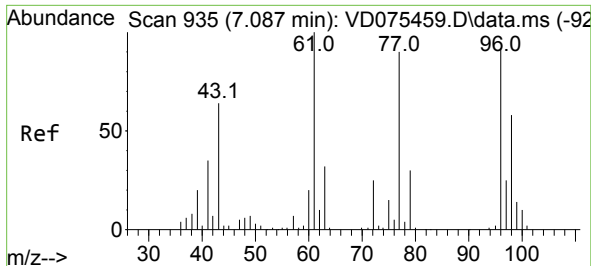
Tgt Ion: 43 Resp: 127580
Ion Ratio Lower Upper
43 100
72 42.9 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 49.301 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion: 77 Resp: 215893
Ion Ratio Lower Upper
77 100
97 26.4 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 49.229 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

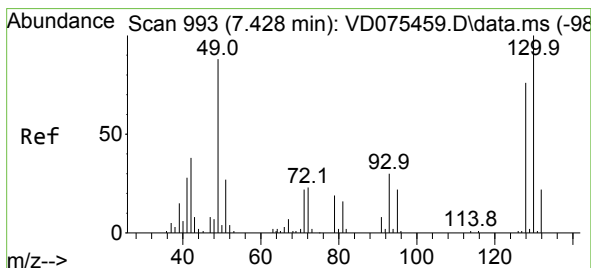
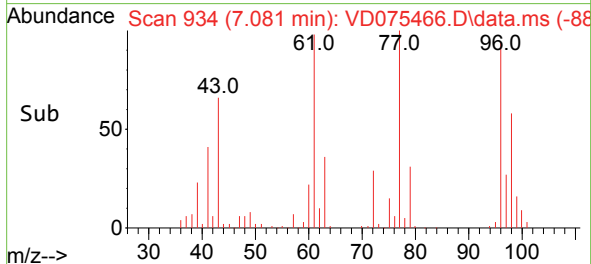
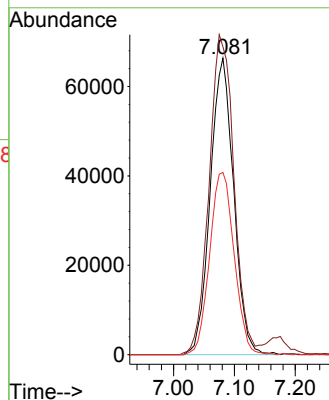
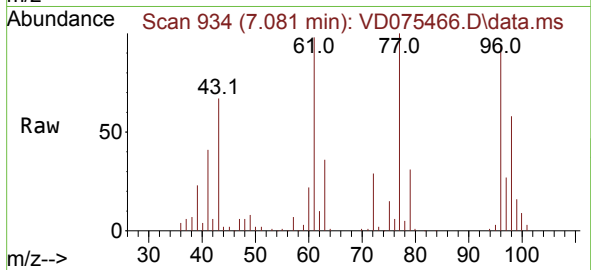
Tgt Ion: 96 Resp: 177628

Ion Ratio Lower Upper

96 100

61 114.1 0.0 295.2

98 64.2 0.0 129.2



#28

Bromochloromethane

Concen: 49.768 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

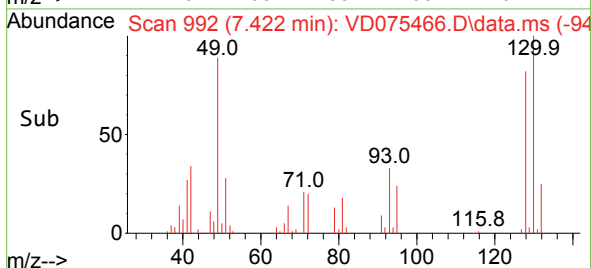
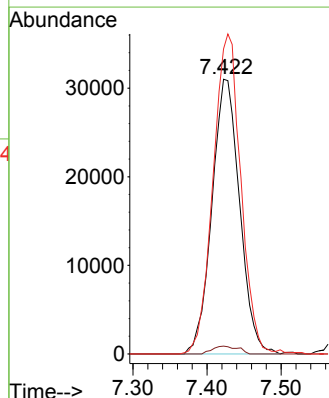
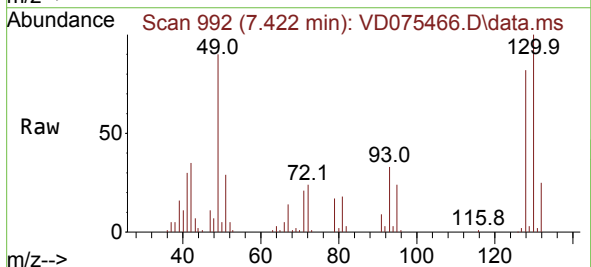
Tgt Ion: 49 Resp: 80616

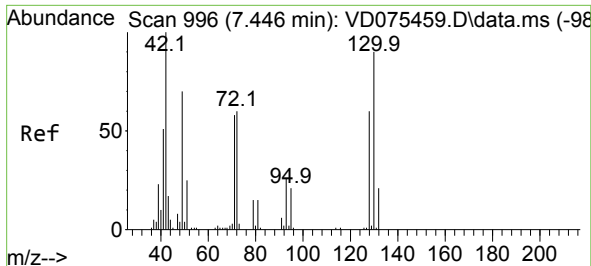
Ion Ratio Lower Upper

49 100

129 2.6 0.0 2.2#

130 116.7 56.0 84.0#





#29

Tetrahydrofuran

Concen: 243.559 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

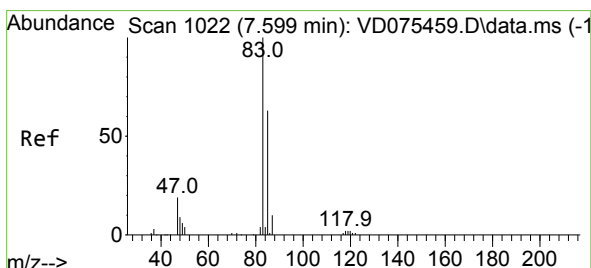
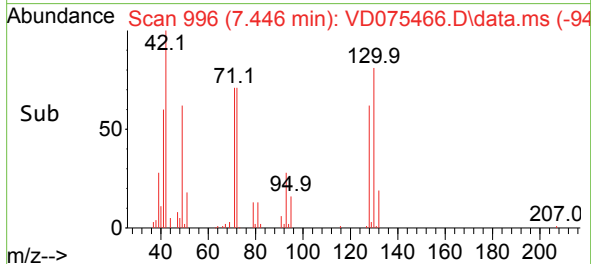
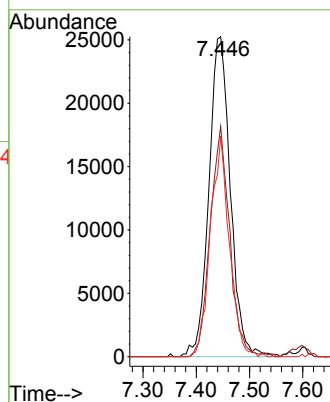
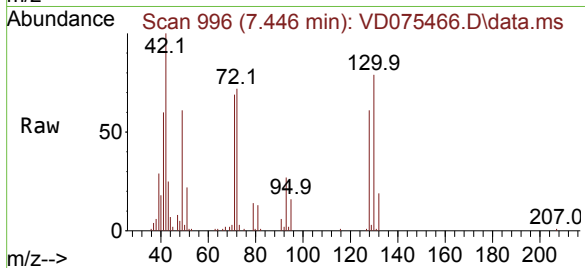
Tgt Ion: 42 Resp: 70722

Ion Ratio Lower Upper

42 100

72 65.0 31.8 47.6#

71 60.7 27.6 41.4#



#30

Chloroform

Concen: 49.481 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075466.D

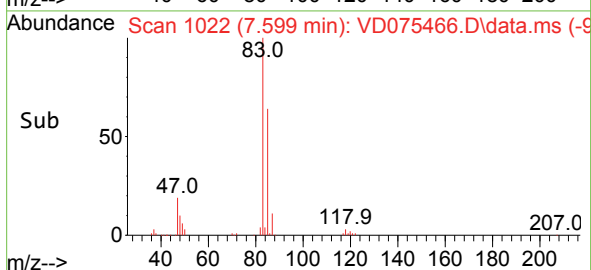
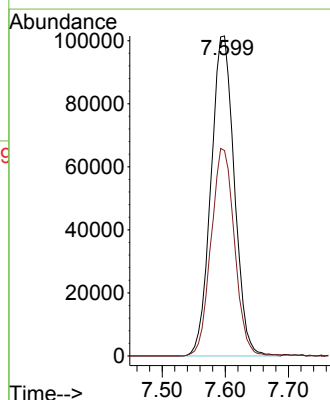
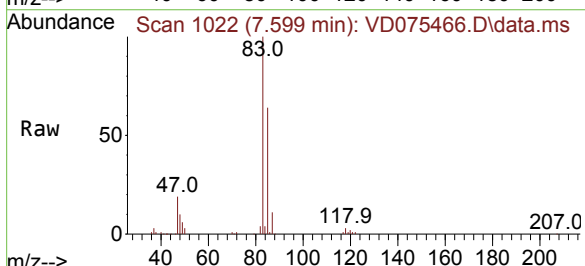
Acq: 08 Mar 2023 11:26

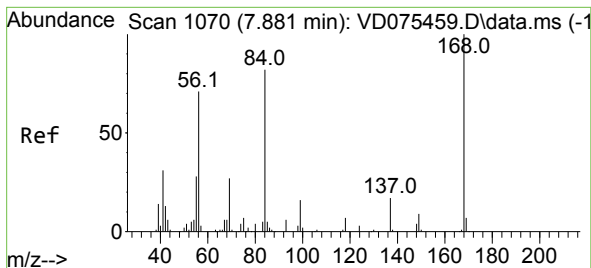
Tgt Ion: 83 Resp: 260635

Ion Ratio Lower Upper

83 100

85 64.2 49.4 74.2





#31

Cyclohexane

Concen: 48.049 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

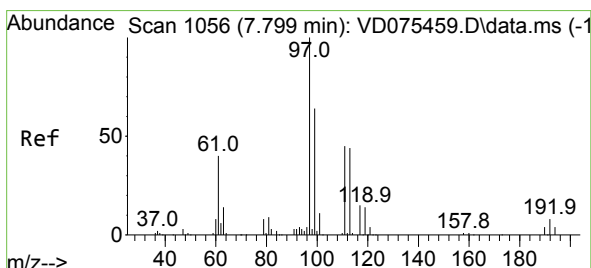
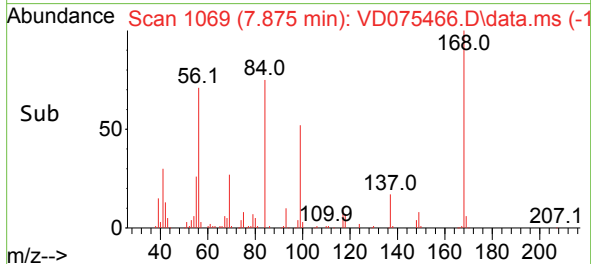
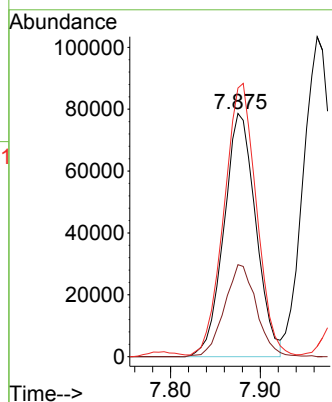
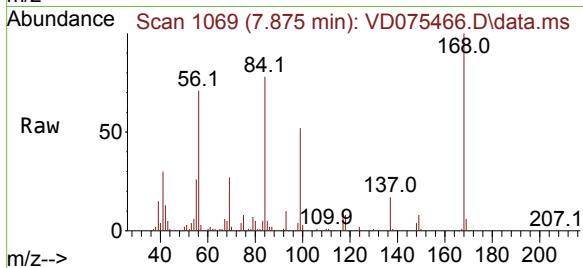
Tgt Ion: 56 Resp: 194301

Ion Ratio Lower Upper

56 100

69 37.9 25.5 38.3

84 109.5 69.6 104.4#



#32

1,1,1-Trichloroethane

Concen: 49.822 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

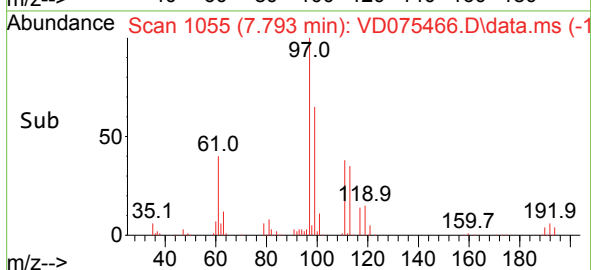
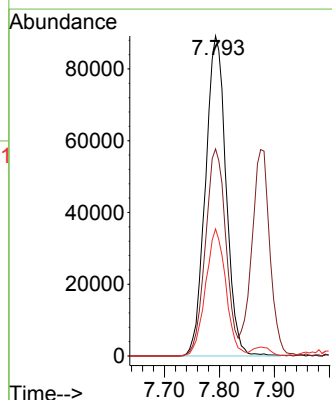
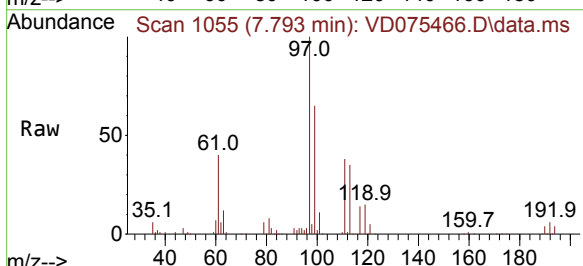
Tgt Ion: 97 Resp: 232211

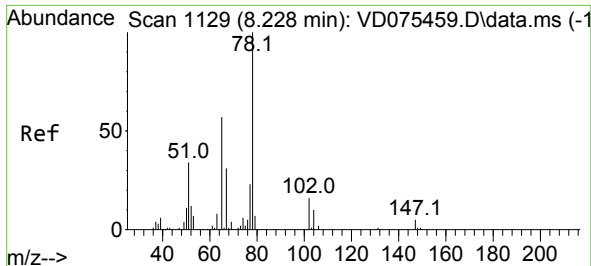
Ion Ratio Lower Upper

97 100

99 64.2 50.5 75.7

61 39.2 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 49.501 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

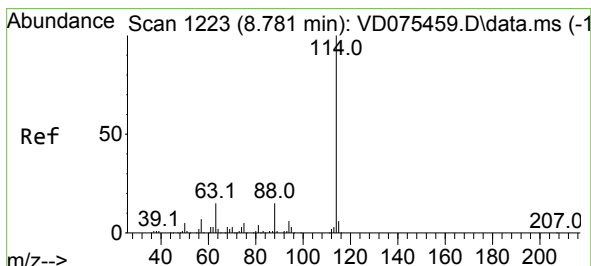
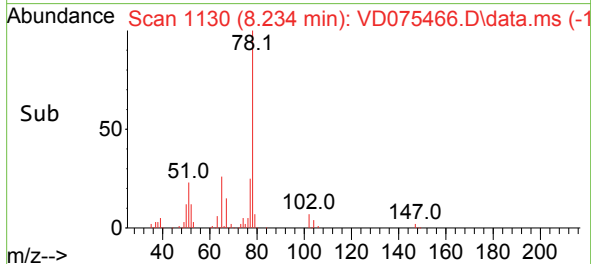
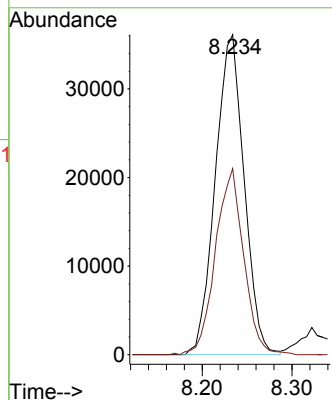
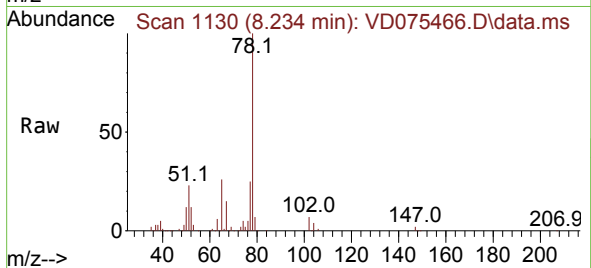
VSTDCCC050

Tgt Ion: 65 Resp: 80628

Ion Ratio Lower Upper

65 100

67 57.0 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

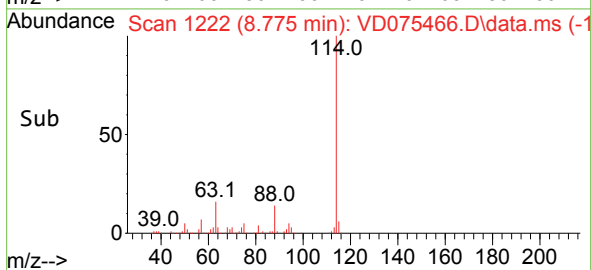
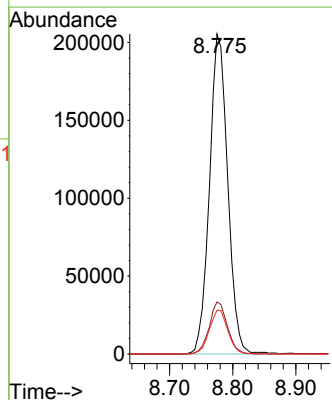
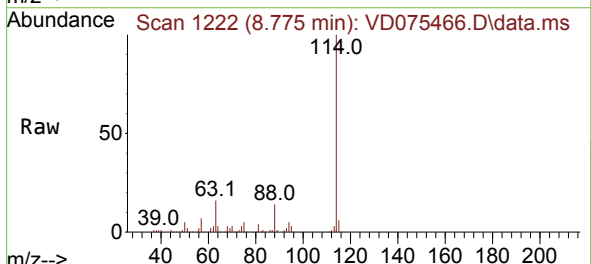
Tgt Ion: 114 Resp: 412029

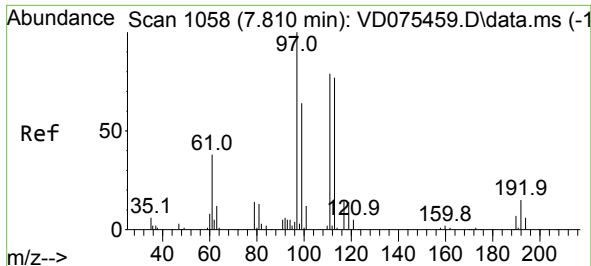
Ion Ratio Lower Upper

114 100

63 16.2 0.0 41.6

88 13.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.075 ug/l

RT: 7.805 min Scan# 110003

Delta R.T. -0.005 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

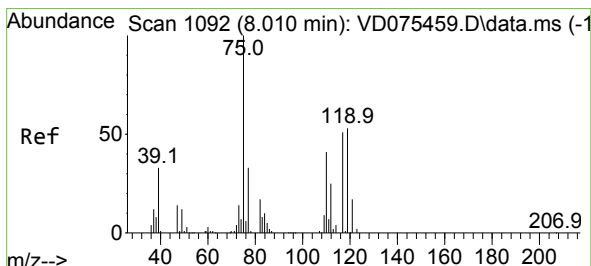
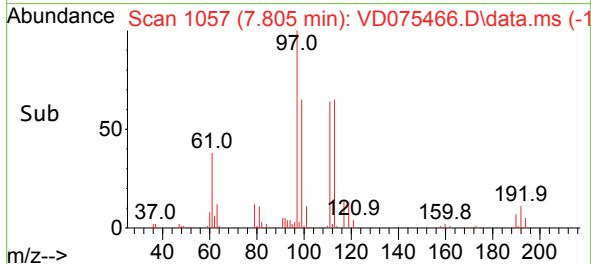
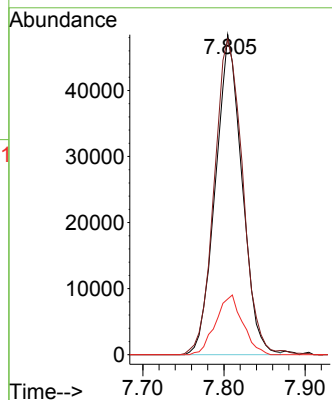
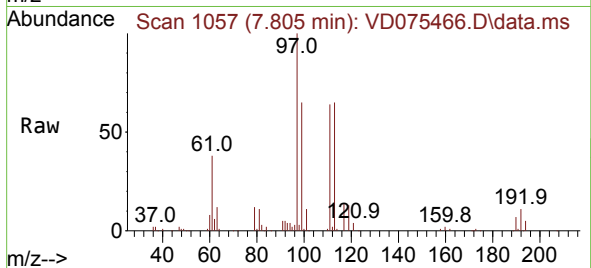
Tgt Ion:113 Resp: 110003

Ion Ratio Lower Upper

113 100

111 105.8 81.4 122.0

192 19.0 15.2 22.8



#36

1,1-Dichloropropene

Concen: 51.575 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

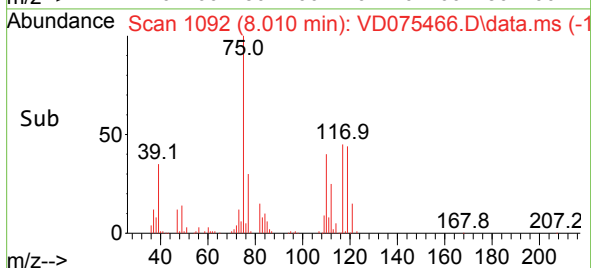
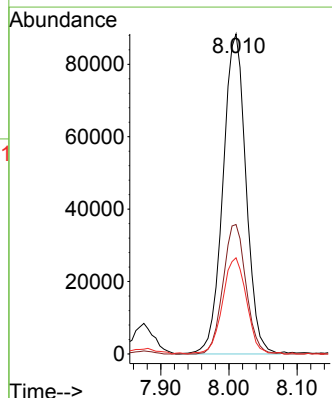
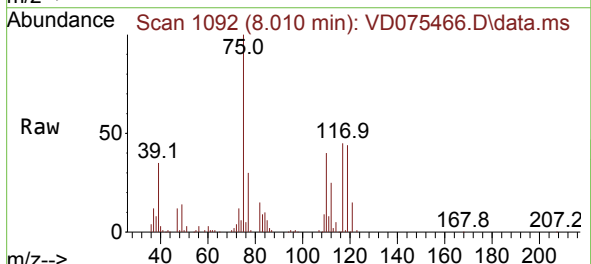
Tgt Ion: 75 Resp: 207941

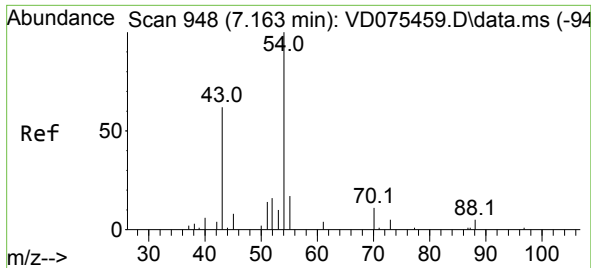
Ion Ratio Lower Upper

75 100

110 40.2 17.1 51.2

77 31.3 24.6 36.8

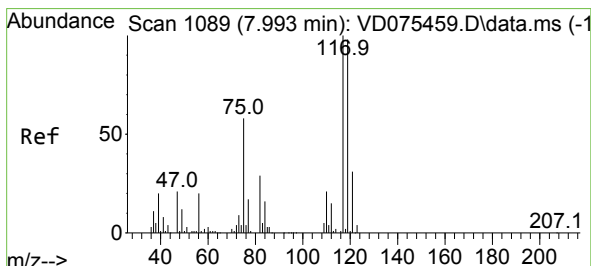
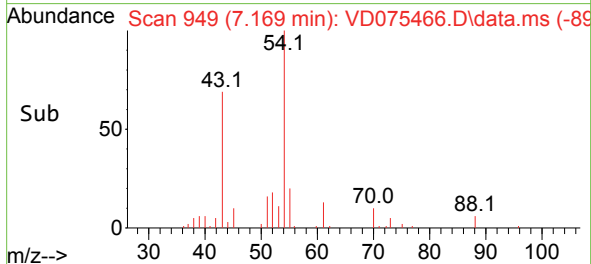
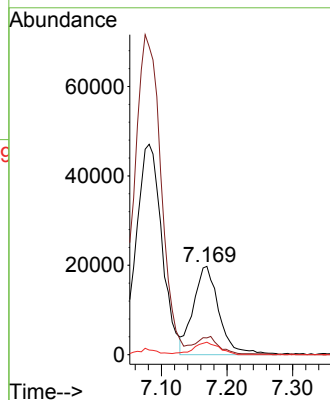
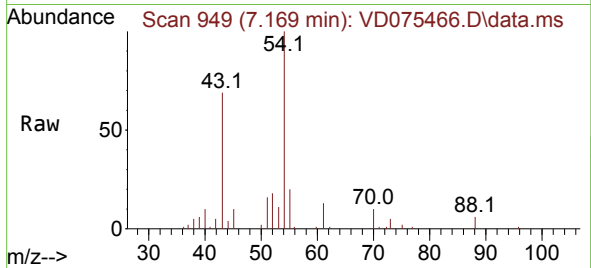




#37
Ethyl Acetate
Concen: 51.780 ug/l
RT: 7.169 min Scan# 948
Delta R.T. 0.006 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

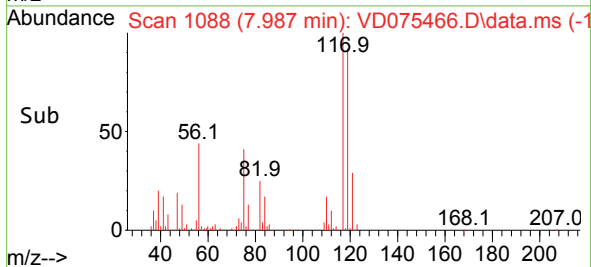
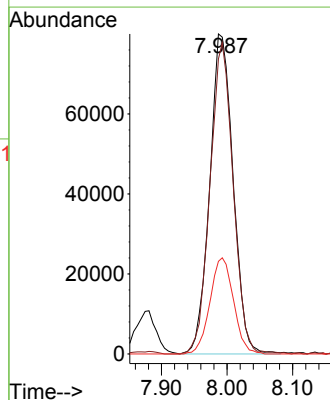
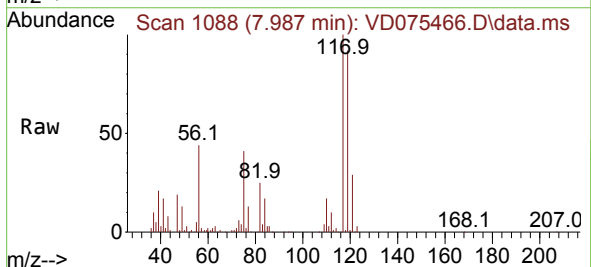
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

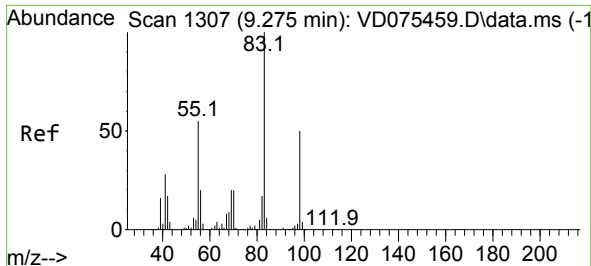
Tgt Ion: 43 Resp: 53837
Ion Ratio Lower Upper
43 100
61 17.7 0.0 0.0#
70 14.0 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 53.161 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion: 117 Resp: 198488
Ion Ratio Lower Upper
117 100
119 92.2 74.7 112.1
121 28.9 25.9 38.9





#39

Methylcyclohexane

Concen: 53.026 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

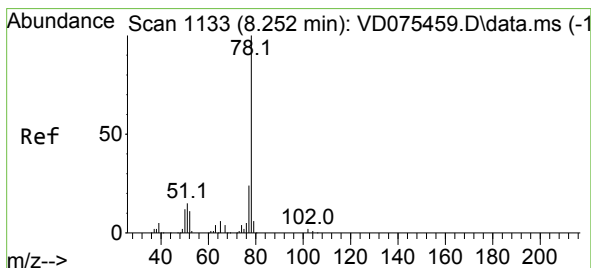
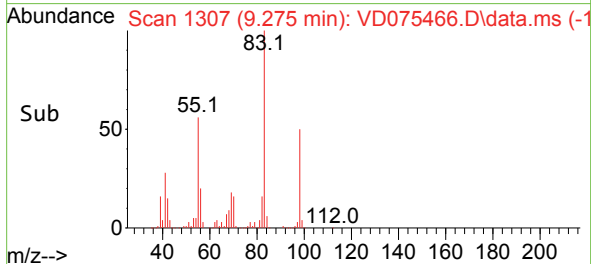
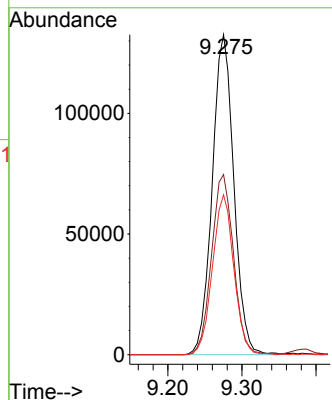
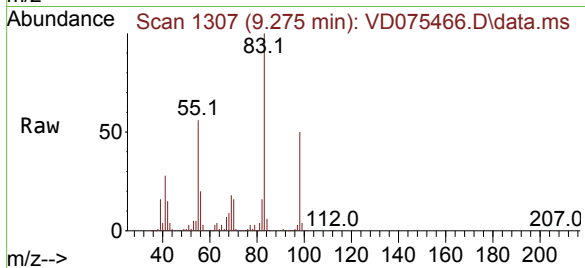
Tgt Ion: 83 Resp: 268011

Ion Ratio Lower Upper

83 100

55 56.3 56.8 85.2#

98 50.0 38.9 58.3



#40

Benzene

Concen: 51.531 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075466.D

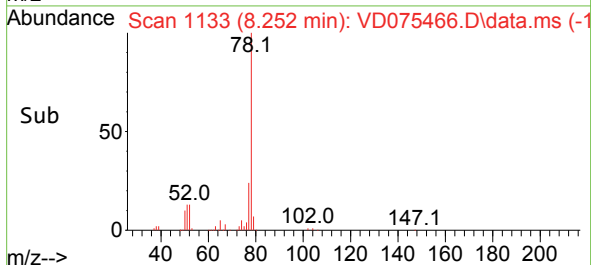
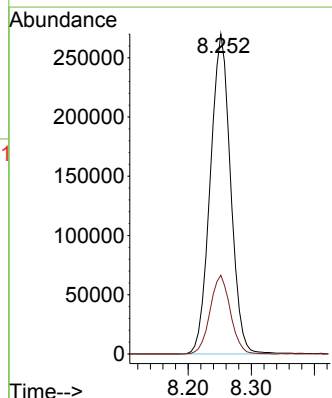
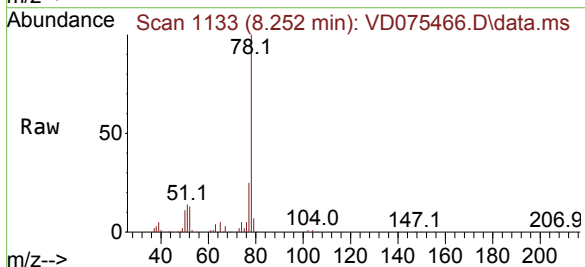
Acq: 08 Mar 2023 11:26

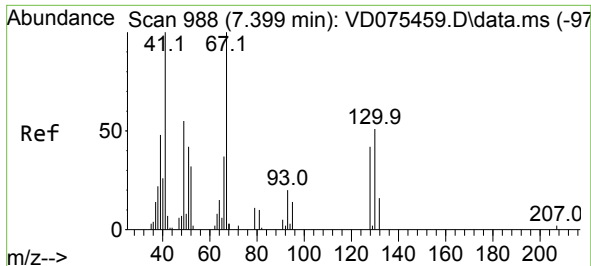
Tgt Ion: 78 Resp: 603541

Ion Ratio Lower Upper

78 100

77 24.6 19.1 28.7

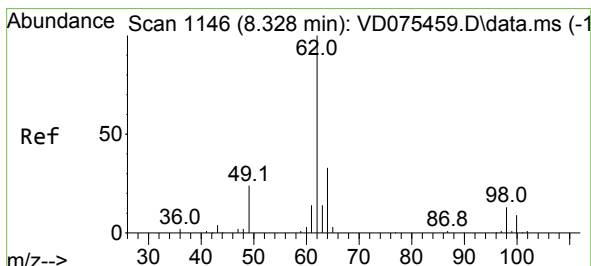
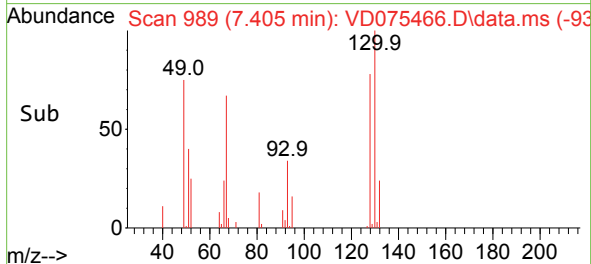
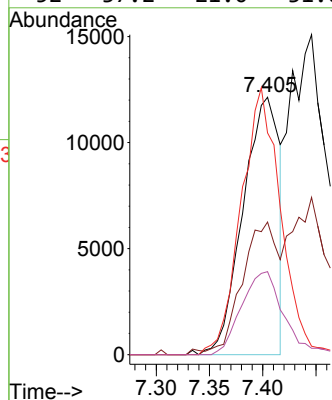
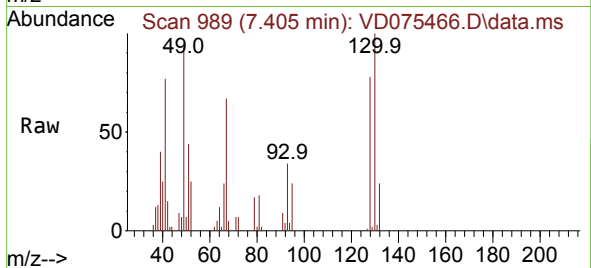




#41
Methacrylonitrile
Concen: 51.730 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

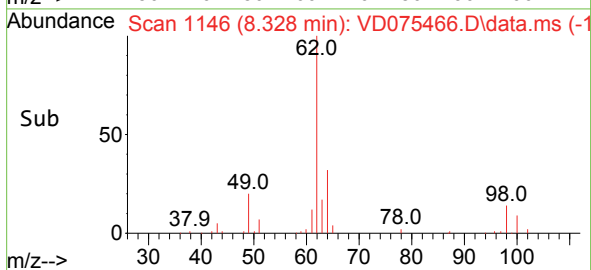
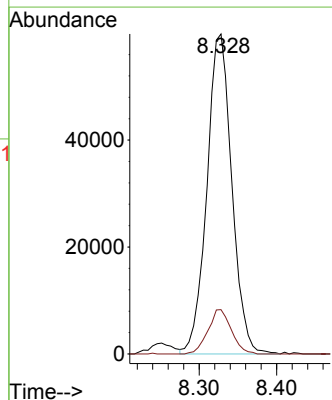
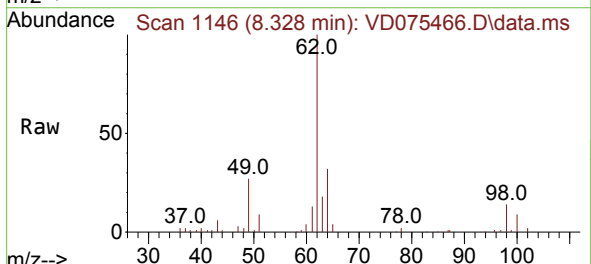
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

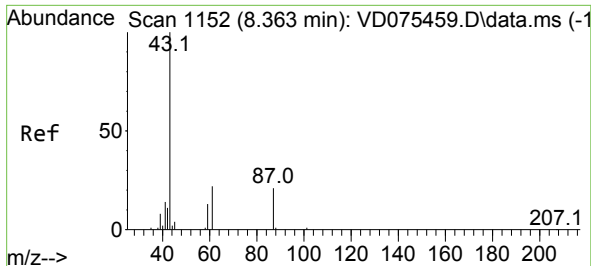
Tgt Ion: 41 Resp: 28737
Ion Ratio Lower Upper
41 100
39 51.7 45.3 67.9
67 112.8 50.5 75.7#
52 37.2 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 50.980 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion: 62 Resp: 134145
Ion Ratio Lower Upper
62 100
98 13.0 0.0 18.8

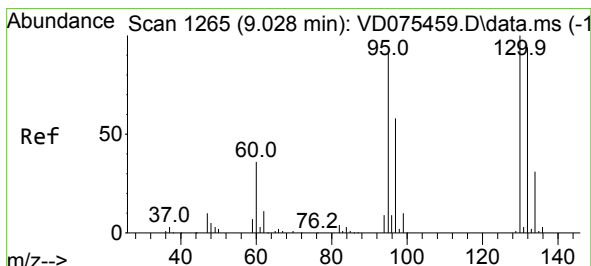
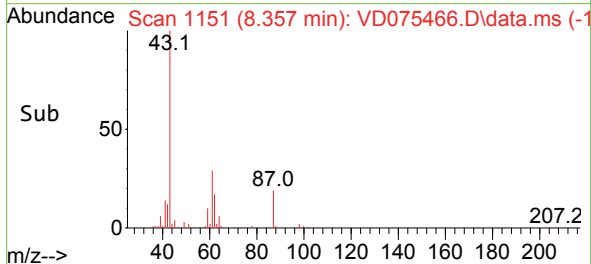
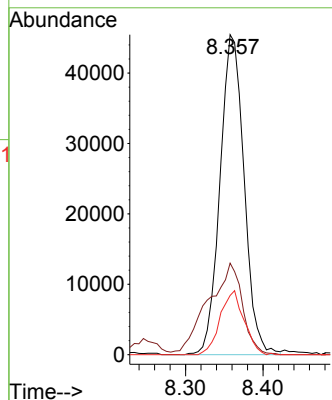
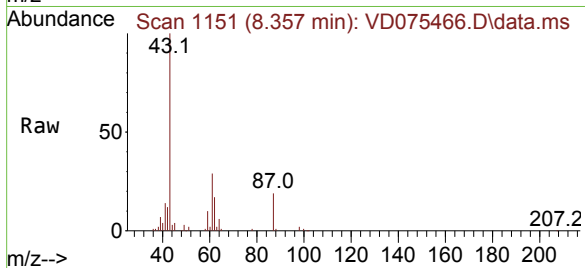




#43
Isopropyl Acetate
Concen: 49.479 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

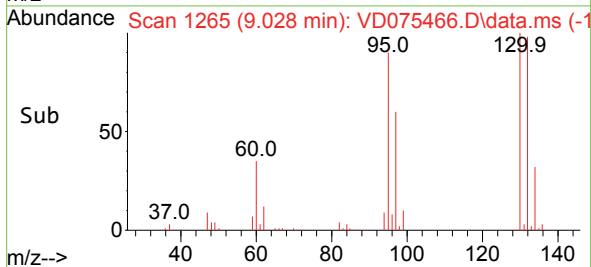
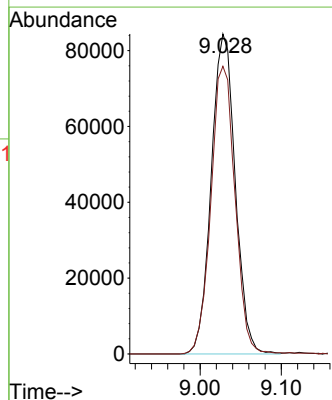
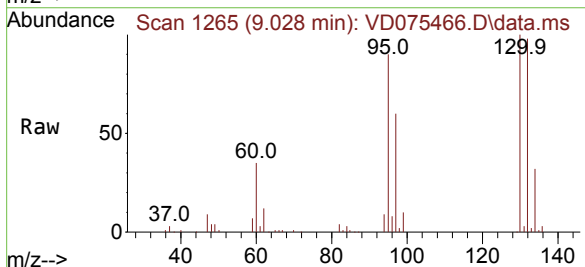
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

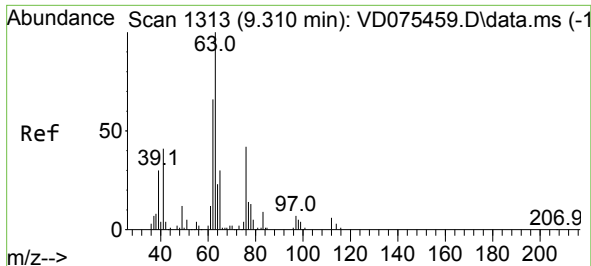
Tgt Ion: 43 Resp: 98283
Ion Ratio Lower Upper
43 100
61 40.9 23.4 35.0#
87 19.8 9.5 14.3#



#44
Trichloroethene
Concen: 50.146 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion:130 Resp: 173391
Ion Ratio Lower Upper
130 100
95 89.9 0.0 197.6





#45

1,2-Dichloropropane

Concen: 50.946 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

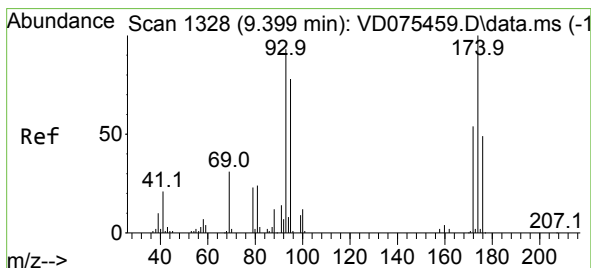
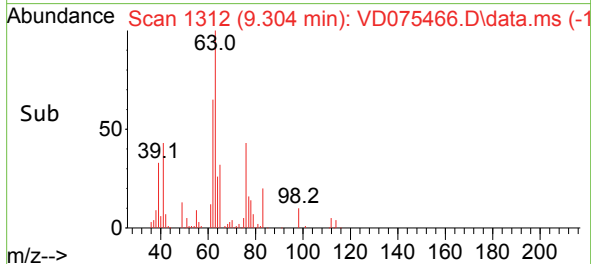
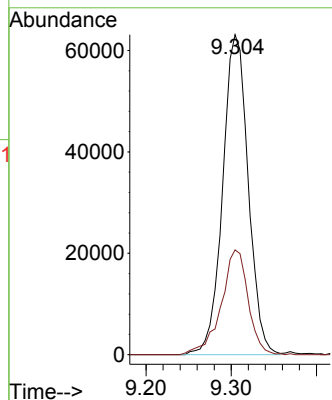
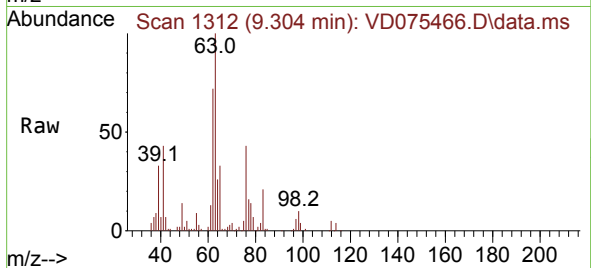
VSTDCCC050

Tgt Ion: 63 Resp: 131292

Ion Ratio Lower Upper

63 100

65 32.8 23.0 34.4



#46

Dibromomethane

Concen: 51.807 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

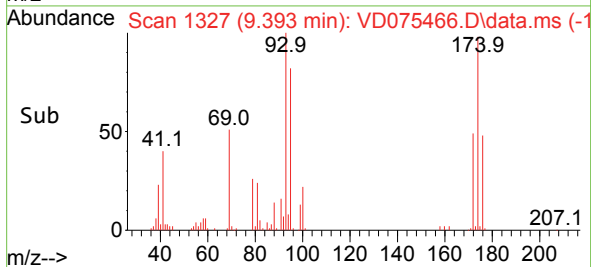
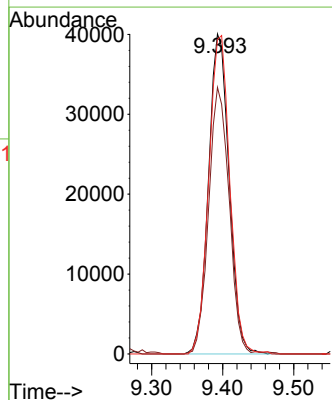
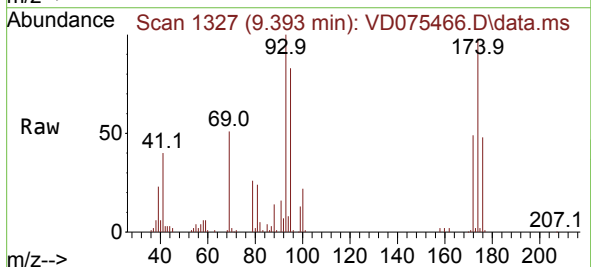
Tgt Ion: 93 Resp: 80838

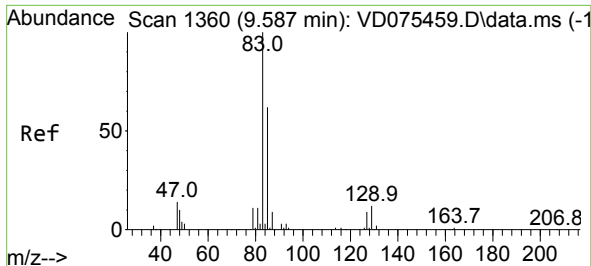
Ion Ratio Lower Upper

93 100

95 82.9 64.5 96.7

174 101.7 76.2 114.4

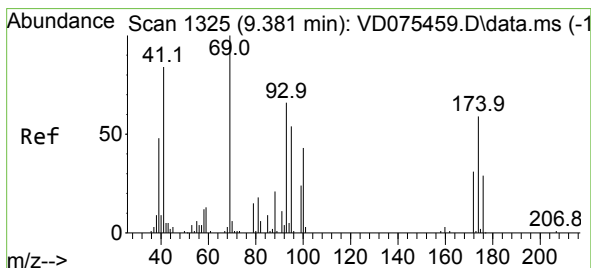
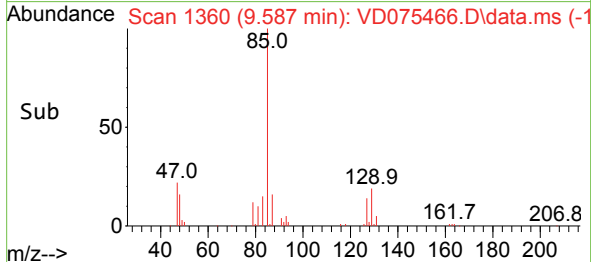
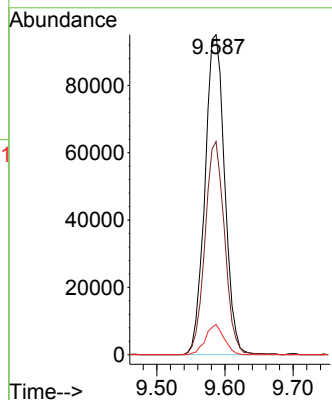
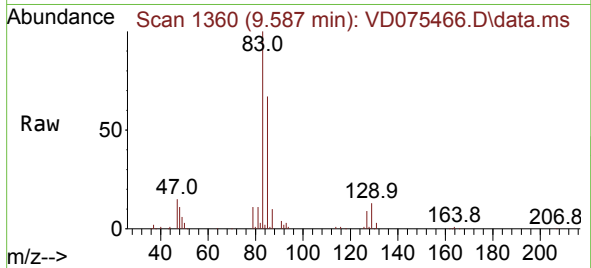




#47
Bromodichloromethane
Concen: 50.858 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

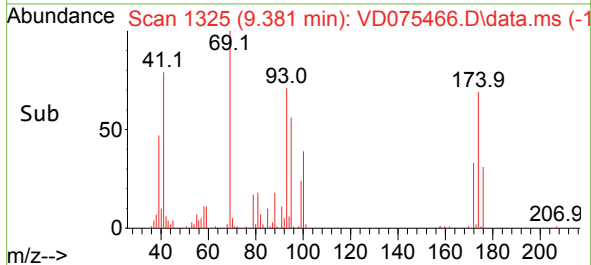
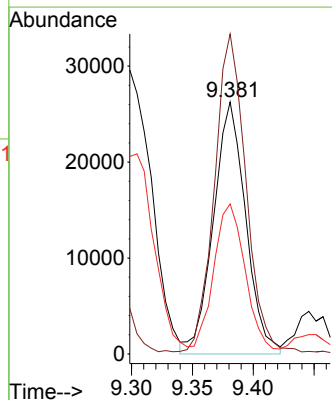
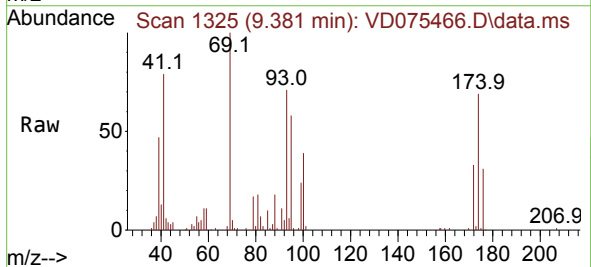
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

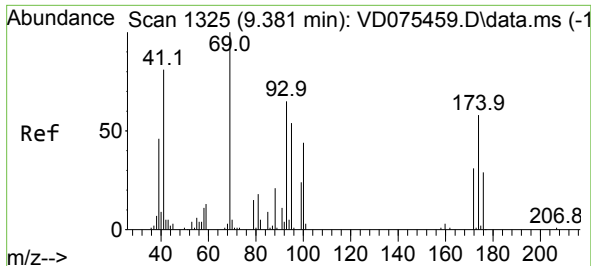
Tgt Ion: 83 Resp: 191319
Ion Ratio Lower Upper
83 100
85 66.6 53.7 80.5
127 9.5 7.0 10.6



#48
Methyl methacrylate
Concen: 51.792 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion: 41 Resp: 48571
Ion Ratio Lower Upper
41 100
69 125.1 58.6 88.0#
39 55.3 53.4 80.0





#49

1,4-Dioxane

Concen: 1016.697 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

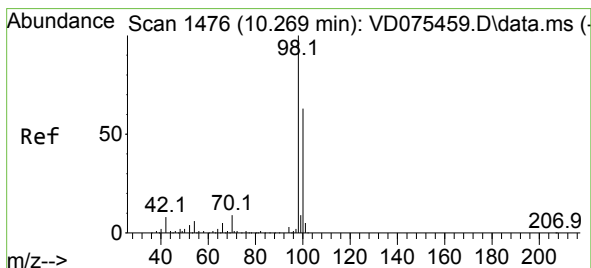
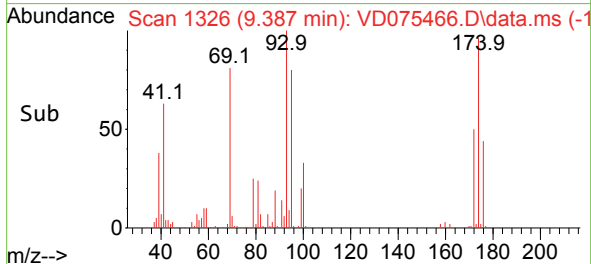
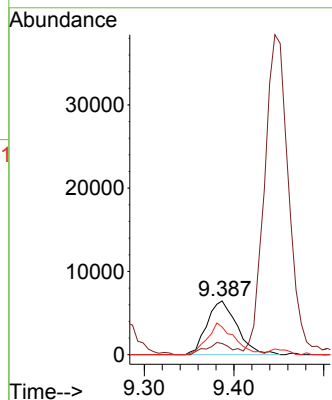
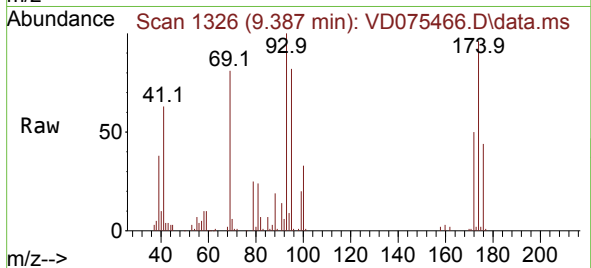
Tgt Ion: 88 Resp: 15044

Ion Ratio Lower Upper

88 100

43 19.6 34.6 51.8#

58 52.7 58.0 87.0#



#50

Toluene-d8

Concen: 44.862 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075466.D

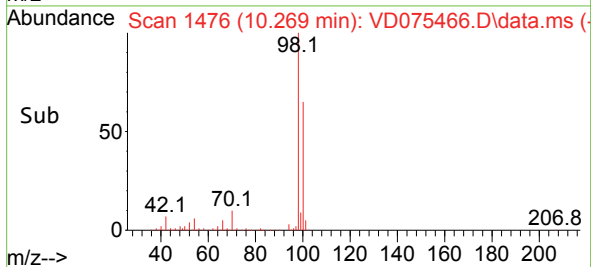
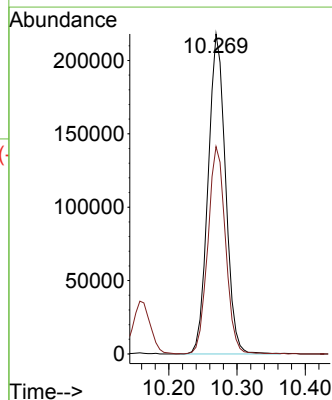
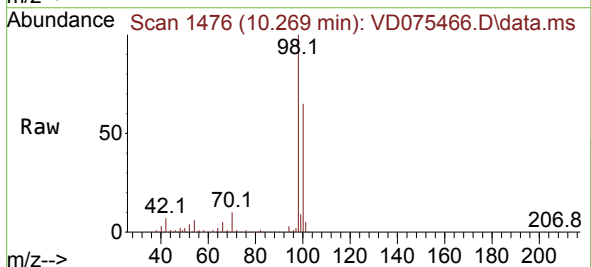
Acq: 08 Mar 2023 11:26

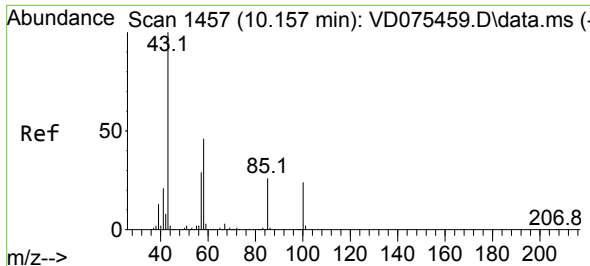
Tgt Ion: 98 Resp: 387839

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1

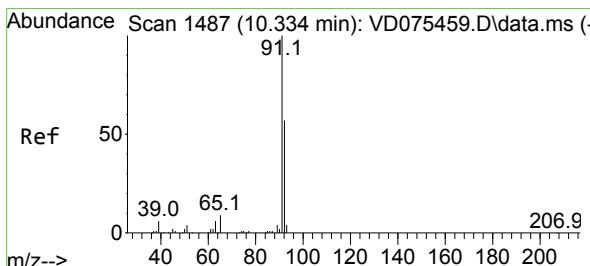
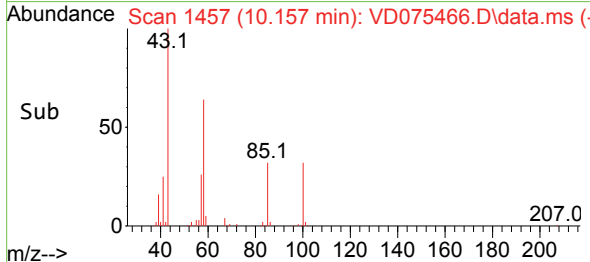
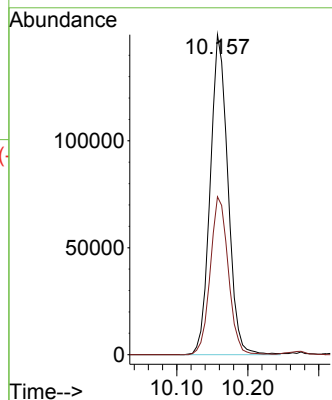
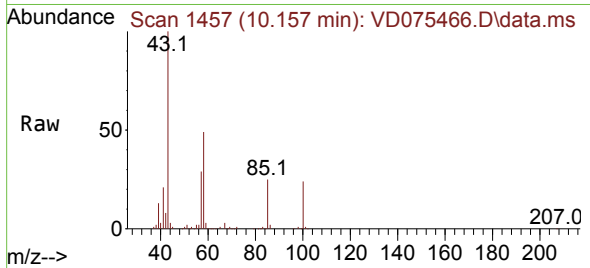




#51
4-Methyl-2-Pentanone
Concen: 254.508 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

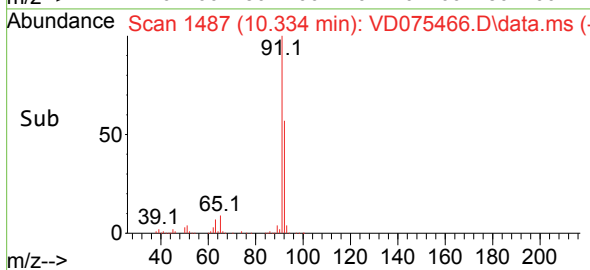
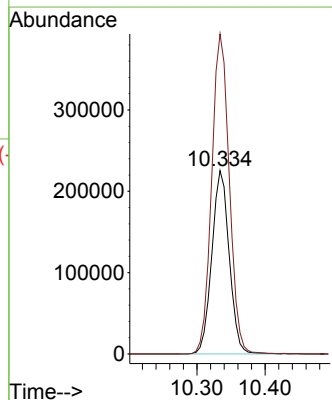
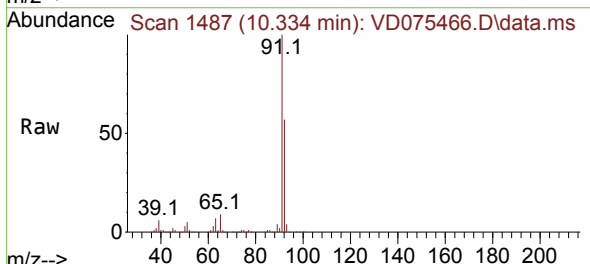
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

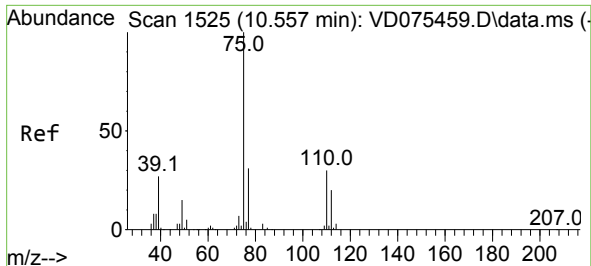
Tgt Ion: 43 Resp: 258445
Ion Ratio Lower Upper
43 100
58 50.4 29.5 44.3#



#52
Toluene
Concen: 52.727 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion: 92 Resp: 400061
Ion Ratio Lower Upper
92 100
91 177.0 136.5 204.7

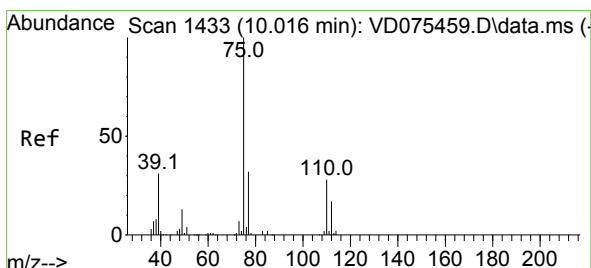
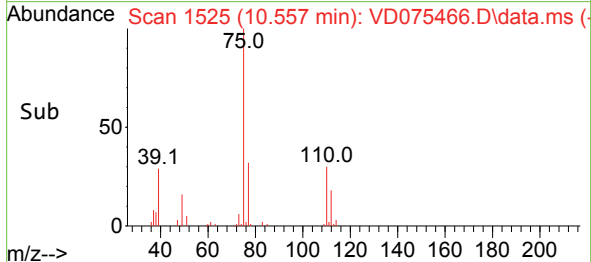
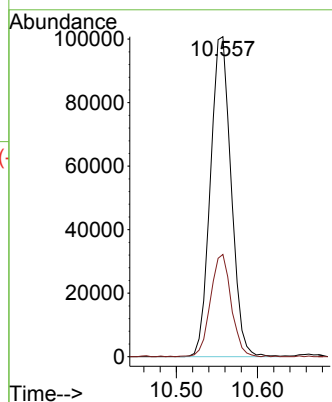
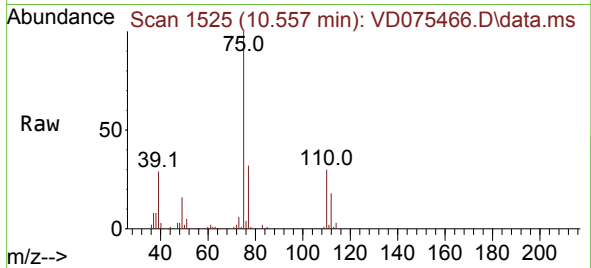




#53
 t-1,3-Dichloropropene
 Concen: 52.372 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD075466.D
 Acq: 08 Mar 2023 11:26

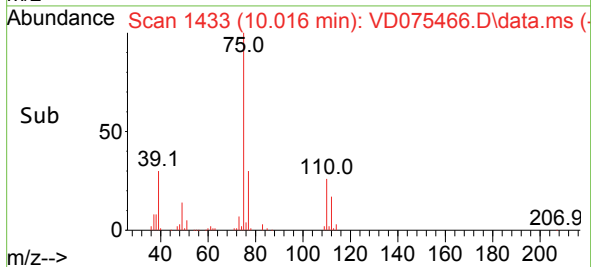
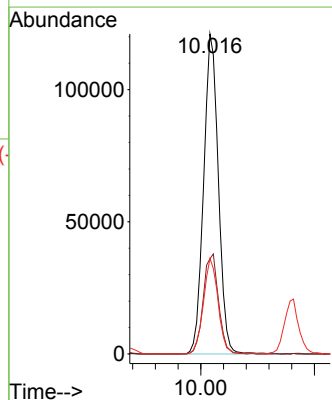
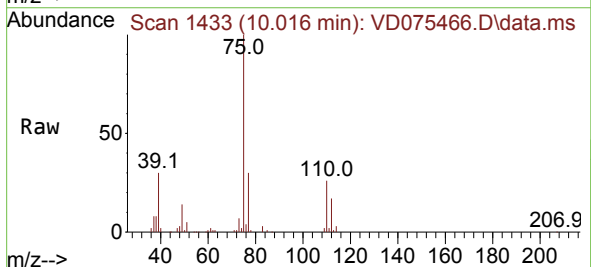
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

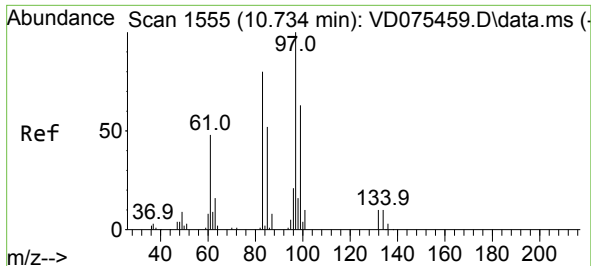
Tgt Ion: 75 Resp: 178724
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 51.641 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075466.D
 Acq: 08 Mar 2023 11:26

Tgt Ion: 75 Resp: 217196
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.6 38.4
 39 29.8 44.8 67.2#

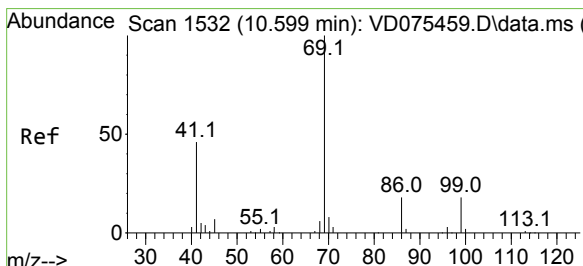
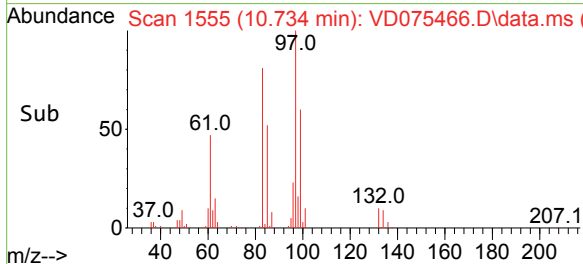
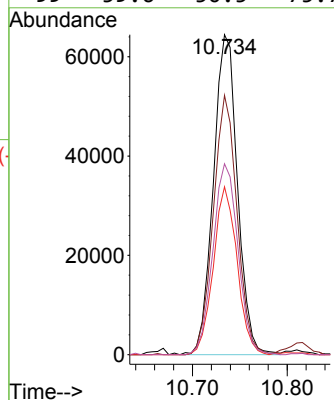
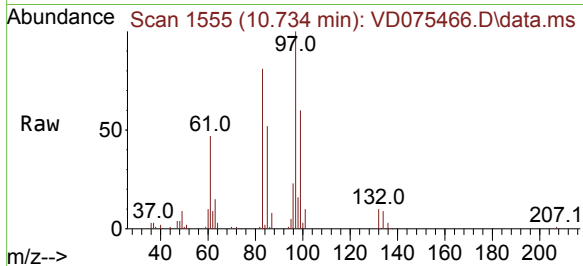




#55
 1,1,2-Trichloroethane
 Concen: 52.477 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD075466.D
 Acq: 08 Mar 2023 11:26

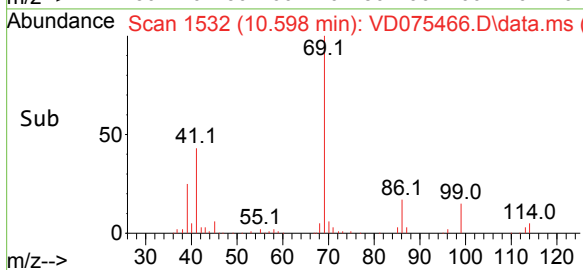
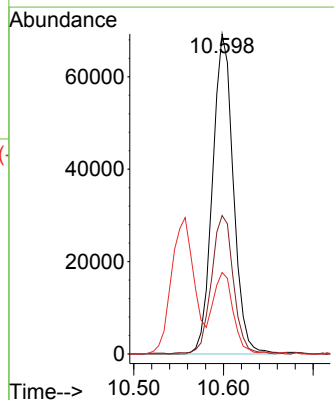
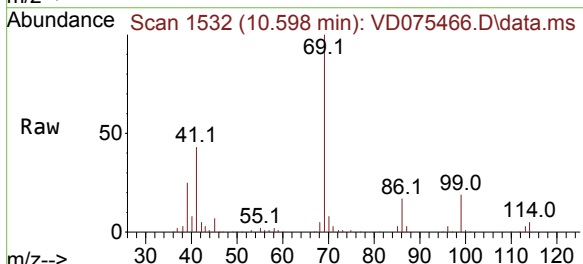
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

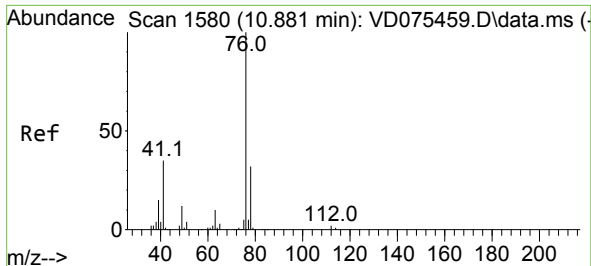
Tgt Ion:	97	Resp:	114178
Ion	Ratio	Lower	Upper
97	100		
83	81.0	74.2	111.4
85	52.4	45.4	68.0
99	59.6	50.5	75.7



#56
 Ethyl methacrylate
 Concen: 51.564 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. -0.001 min
 Lab File: VD075466.D
 Acq: 08 Mar 2023 11:26

Tgt Ion:	69	Resp:	111508
Ion	Ratio	Lower	Upper
69	100		
41	46.1	59.3	88.9#
39	24.5	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 50.965 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

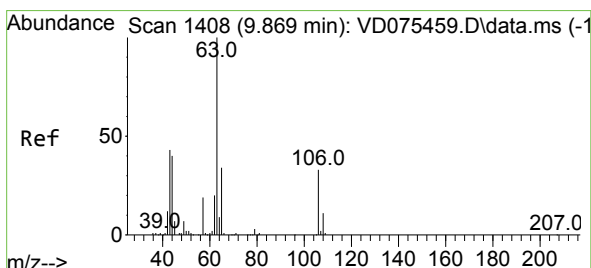
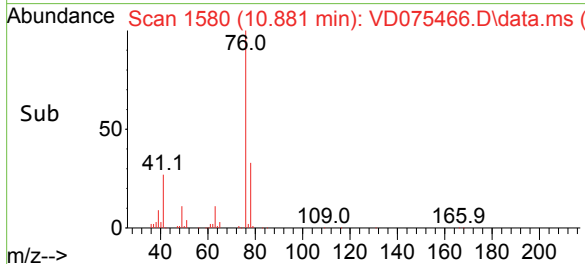
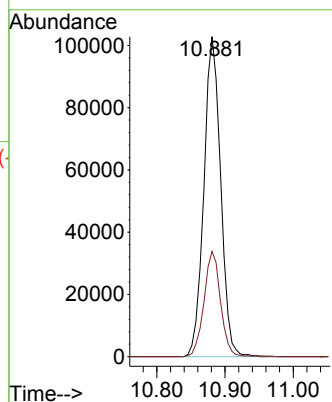
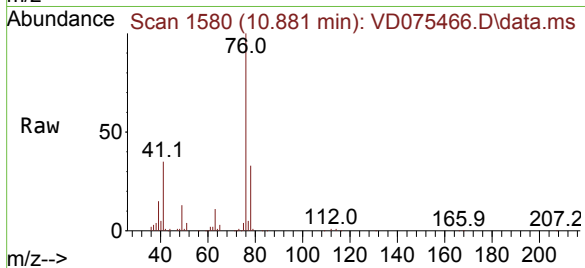
VSTDCCC050

Tgt Ion: 76 Resp: 175843

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 265.040 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075466.D

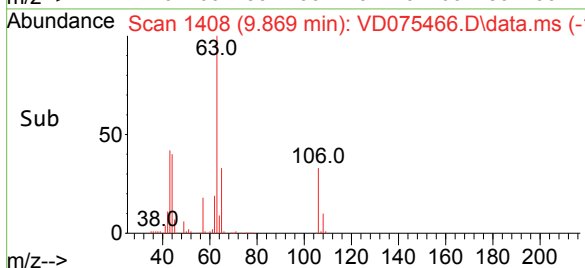
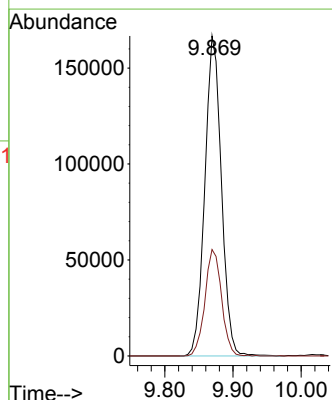
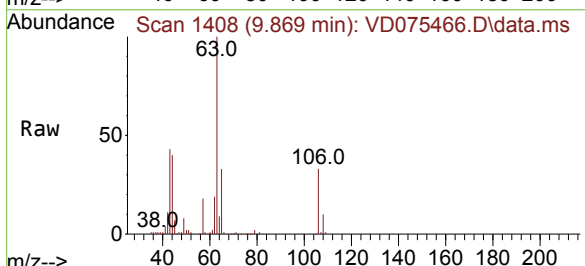
Acq: 08 Mar 2023 11:26

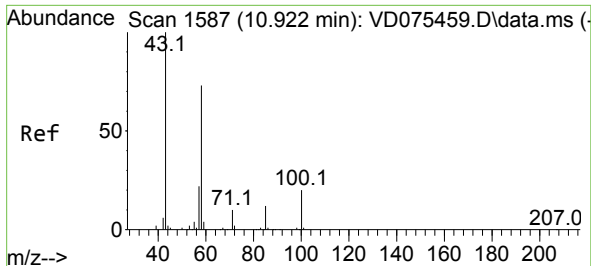
Tgt Ion: 63 Resp: 281781

Ion Ratio Lower Upper

63 100

106 33.4 21.4 32.2#

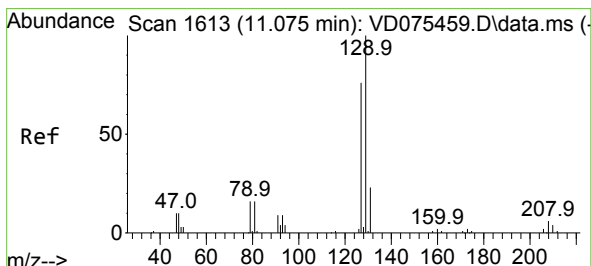
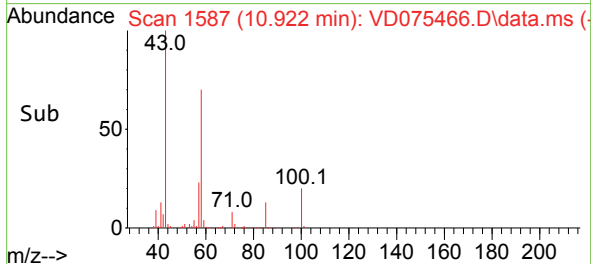
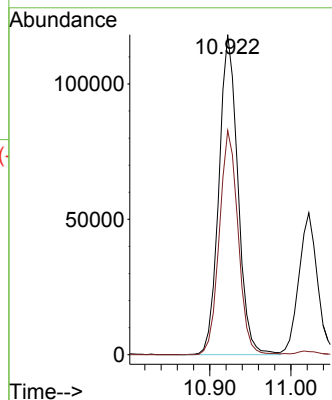
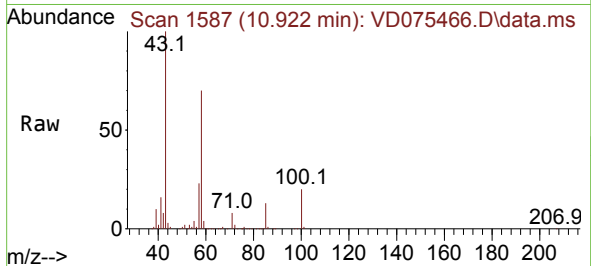




#59
2-Hexanone
Concen: 267.848 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

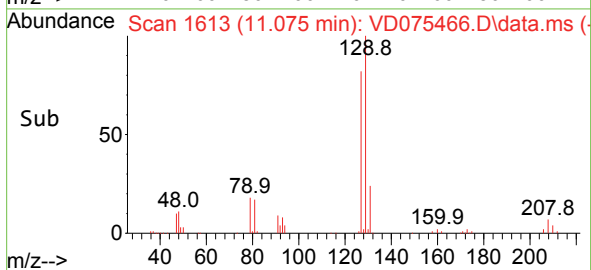
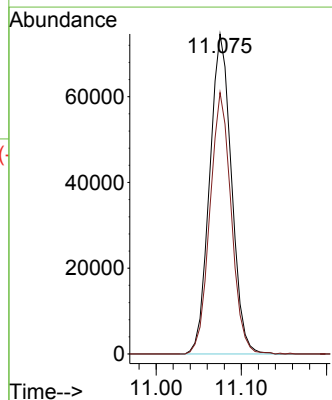
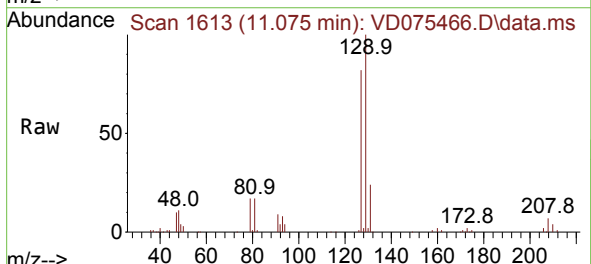
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

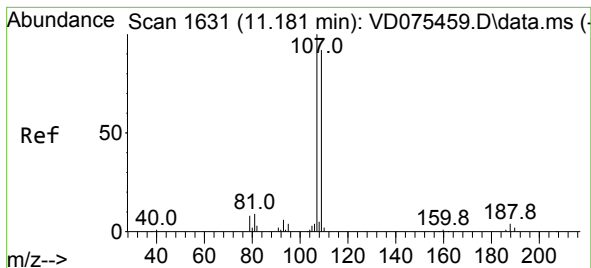
Tgt Ion: 43 Resp: 191880
Ion Ratio Lower Upper
43 100
58 69.3 25.3 75.8



#60
Dibromochloromethane
Concen: 51.180 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion: 129 Resp: 132742
Ion Ratio Lower Upper
129 100
127 79.5 38.1 114.5





#61

1,2-Dibromoethane

Concen: 51.189 ug/l

RT: 11.181 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

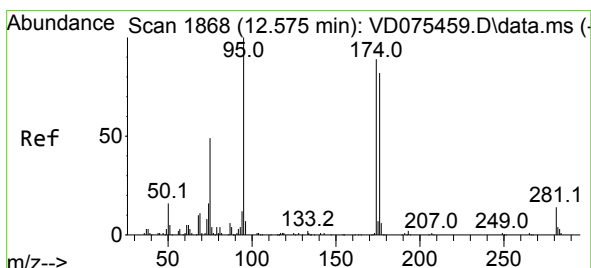
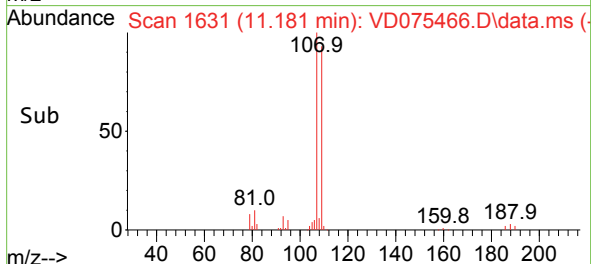
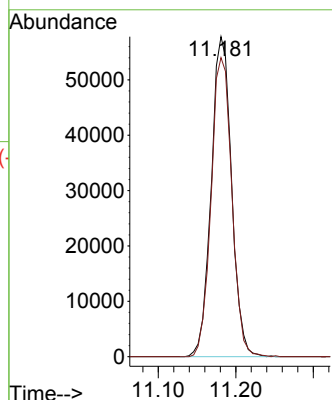
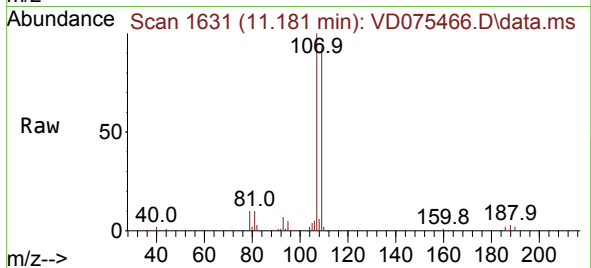
VSTDCCC050

Tgt Ion:107 Resp: 105182

Ion Ratio Lower Upper

107 100

109 95.1 73.6 110.4



#62

4-Bromofluorobenzene

Concen: 48.377 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

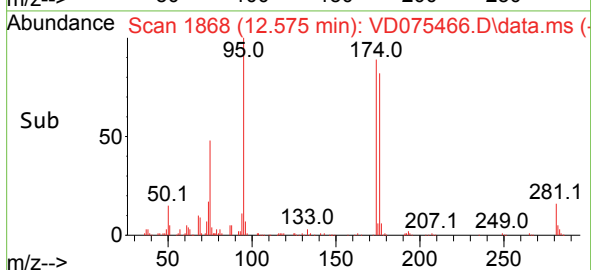
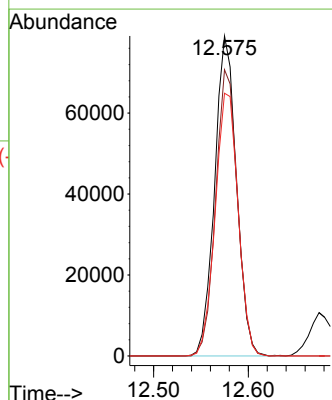
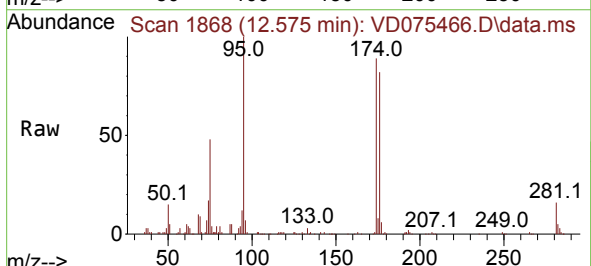
Tgt Ion: 95 Resp: 126470

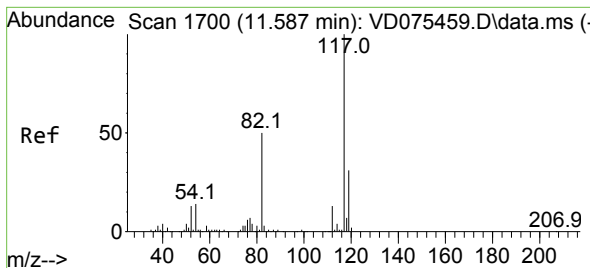
Ion Ratio Lower Upper

95 100

174 89.7 0.0 164.0

176 86.4 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

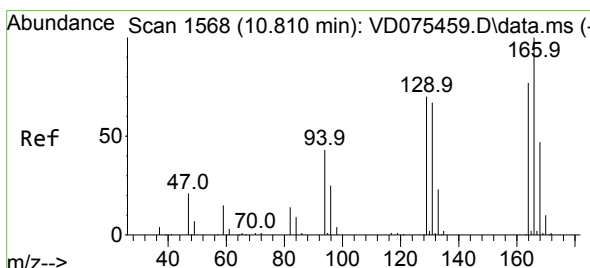
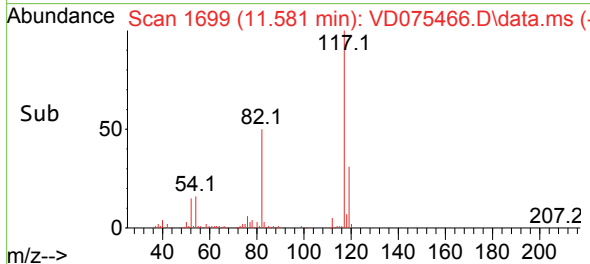
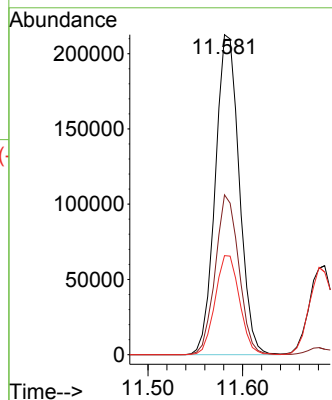
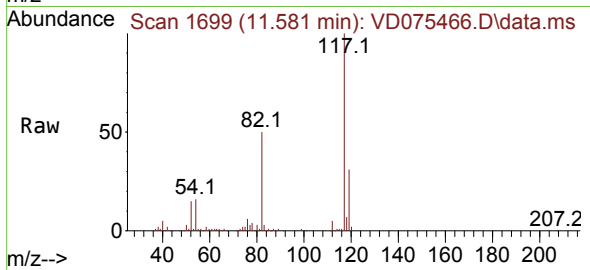
Tgt Ion:117 Resp: 373689

Ion Ratio Lower Upper

117 100

82 50.0 44.0 66.0

119 31.0 25.1 37.7



#64

Tetrachloroethene

Concen: 49.417 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Tgt Ion:164 Resp: 140724

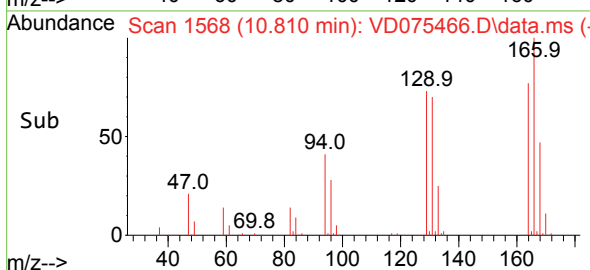
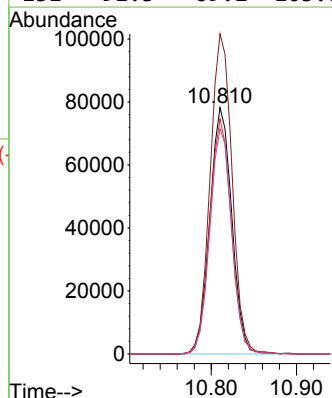
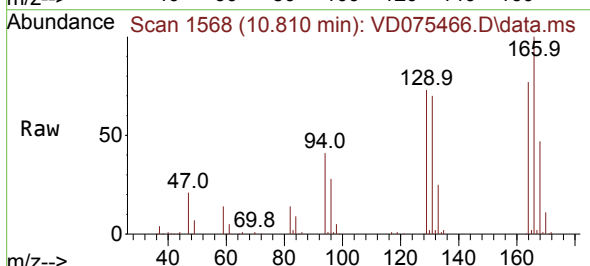
Ion Ratio Lower Upper

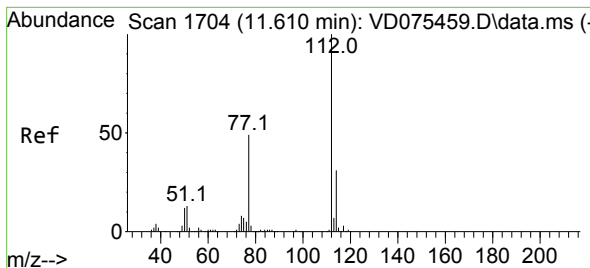
164 100

166 129.9 94.9 142.3

129 95.4 73.0 109.6

131 91.3 69.2 103.8





#65

Chlorobenzene

Concen: 50.914 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

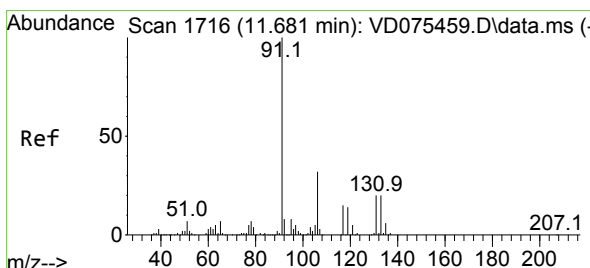
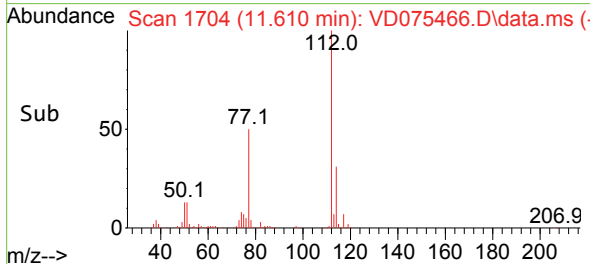
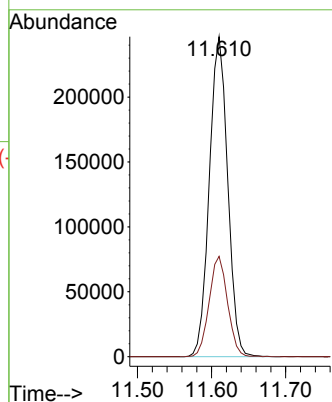
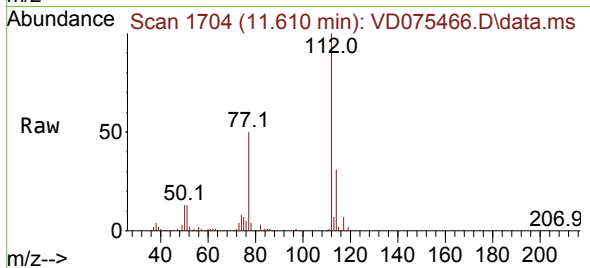
VSTDCCC050

Tgt Ion:112 Resp: 423812

Ion Ratio Lower Upper

112 100

114 31.4 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 51.956 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

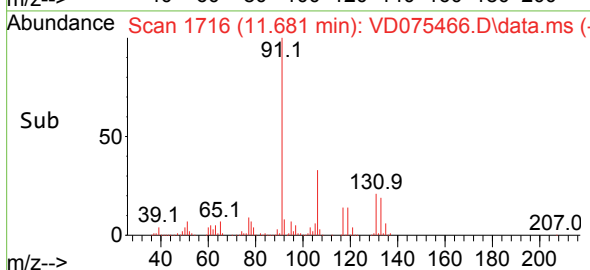
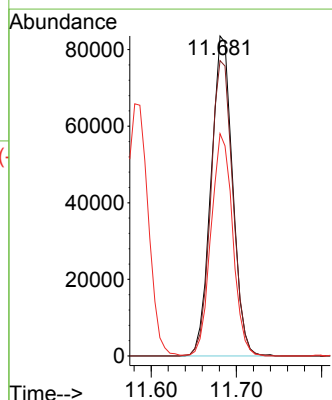
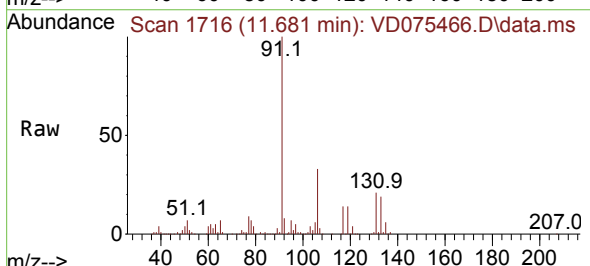
Tgt Ion:131 Resp: 146800

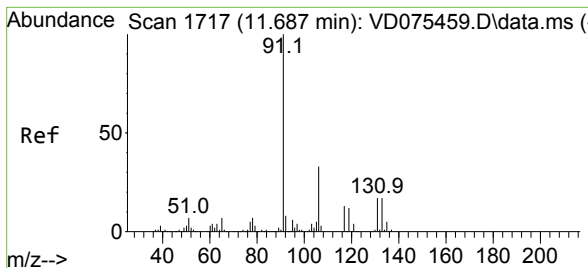
Ion Ratio Lower Upper

131 100

133 94.3 46.7 140.0

119 69.6 31.9 95.9





#67

Ethyl Benzene

Concen: 52.433 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

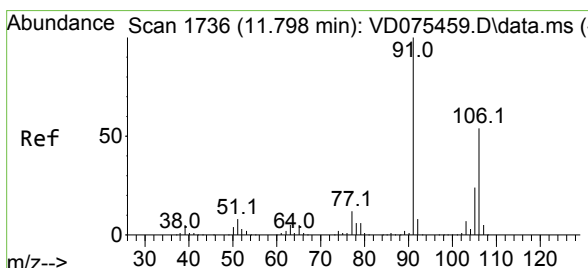
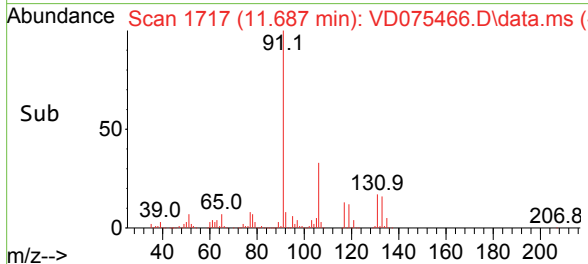
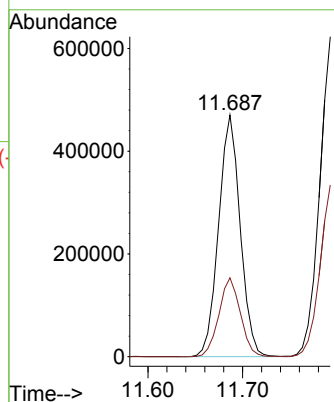
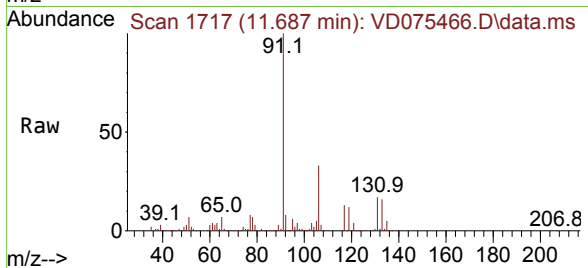
VSTDCCC050

Tgt Ion: 91 Resp: 745322

Ion Ratio Lower Upper

91 100

106 32.7 24.5 36.7



#68

m/p-Xylenes

Concen: 106.549 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.005 min

Lab File: VD075466.D

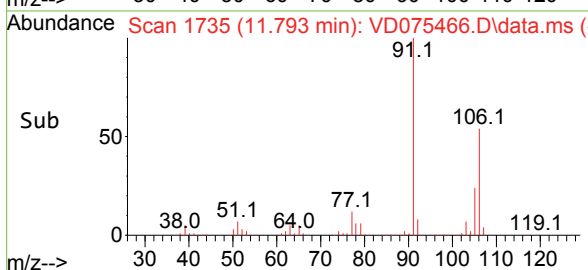
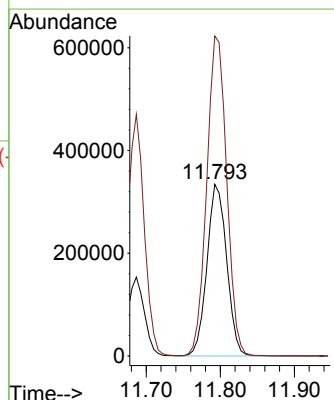
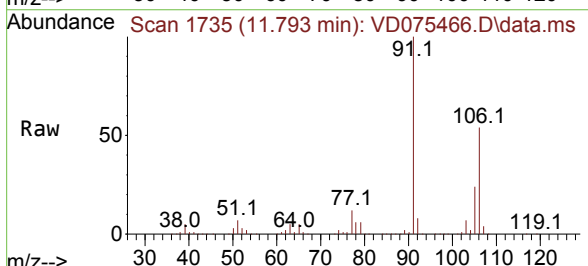
Acq: 08 Mar 2023 11:26

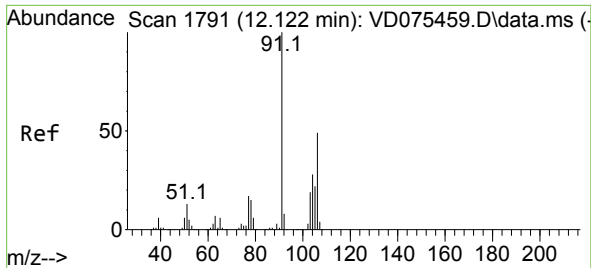
Tgt Ion:106 Resp: 616755

Ion Ratio Lower Upper

106 100

91 189.0 161.5 242.3

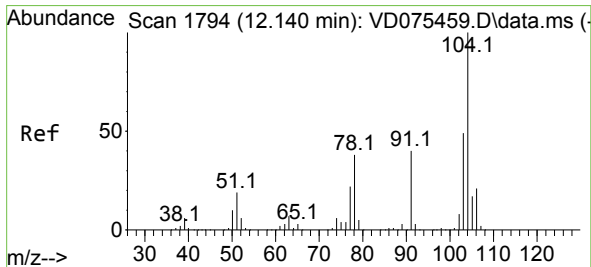
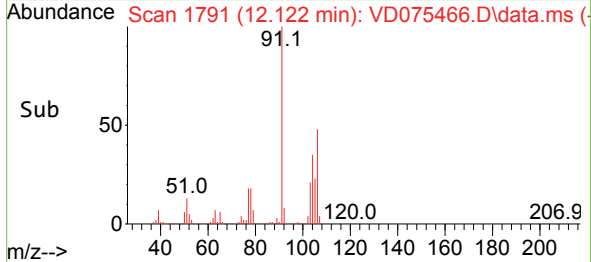
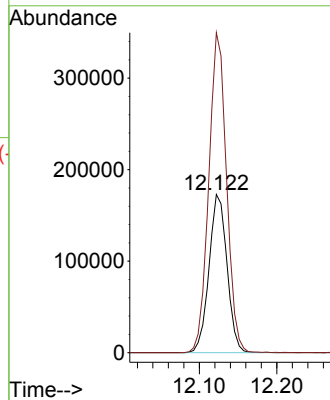
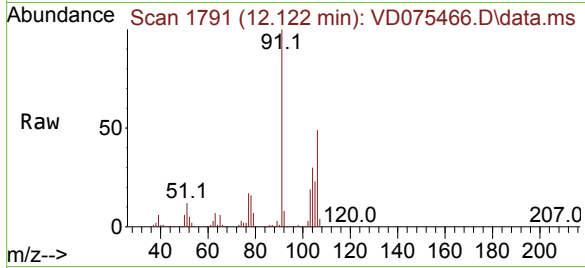




#69
o-Xylene
Concen: 52.986 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

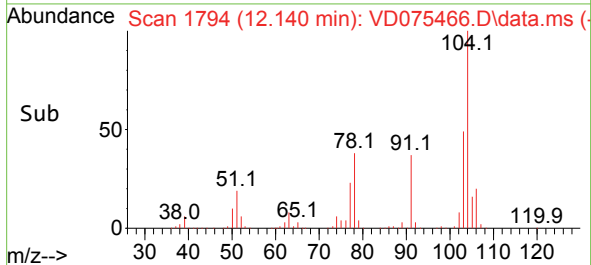
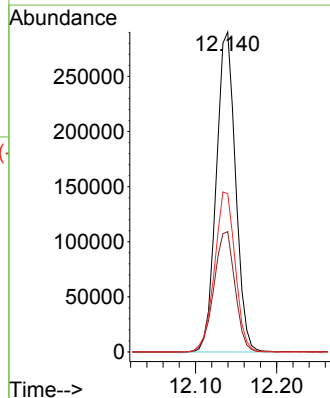
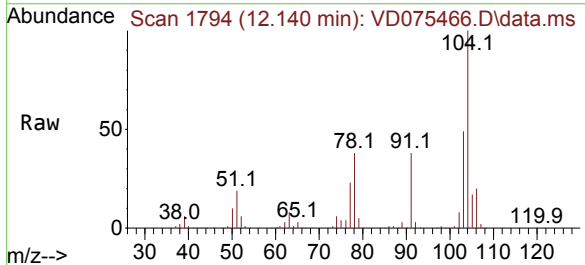
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

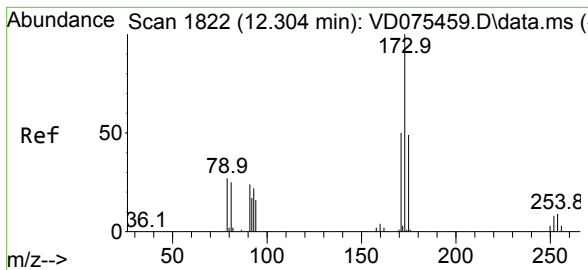
Tgt Ion:106 Resp: 278845
Ion Ratio Lower Upper
106 100
91 199.8 105.7 317.1



#70
Styrene
Concen: 53.745 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion:104 Resp: 479637
Ion Ratio Lower Upper
104 100
78 41.2 40.2 60.4
103 53.6 44.2 66.2

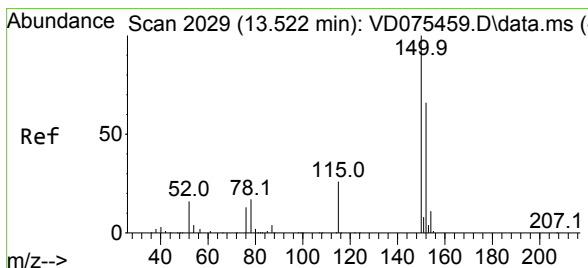
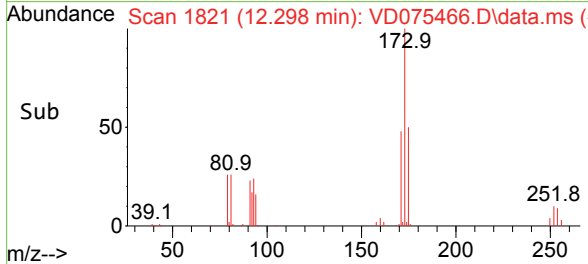
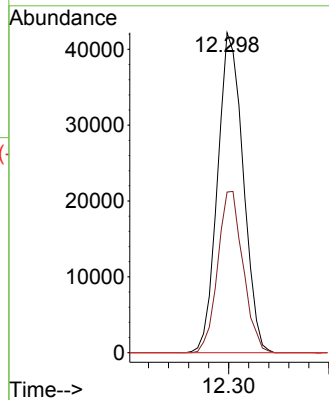
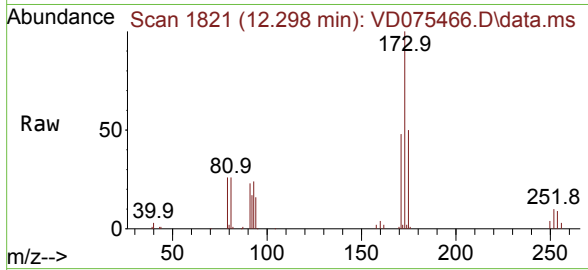




#71
Bromoform
Concen: 51.381 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

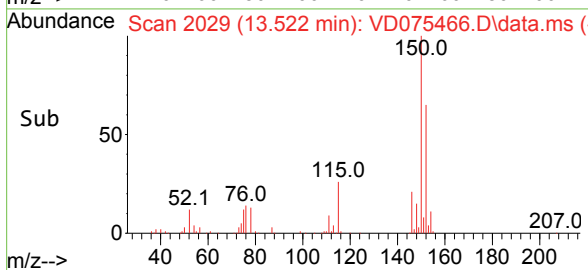
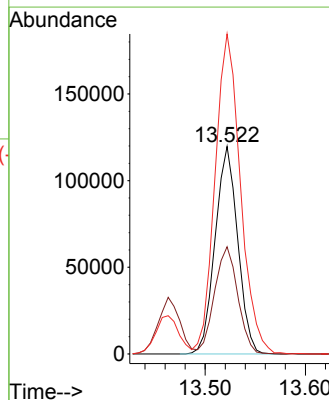
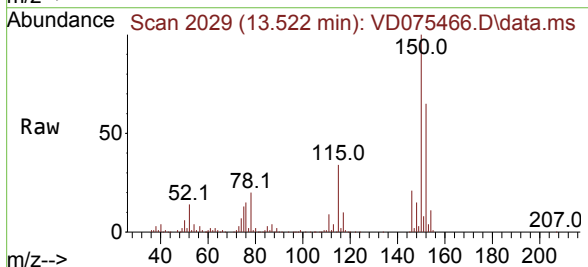
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

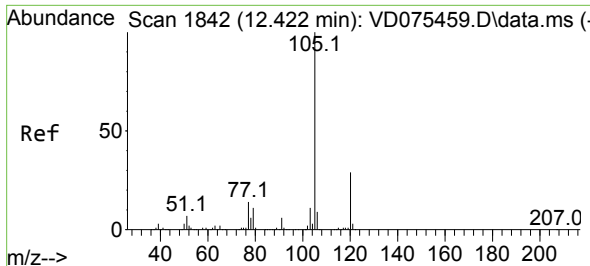
Tgt Ion:173 Resp: 74764
Ion Ratio Lower Upper
173 100
175 49.8 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion:152 Resp: 186633
Ion Ratio Lower Upper
152 100
115 53.2 30.1 90.3
150 173.9 0.0 364.8

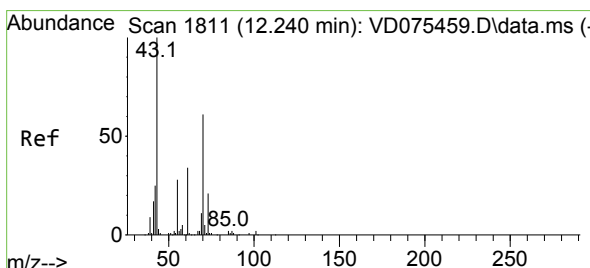
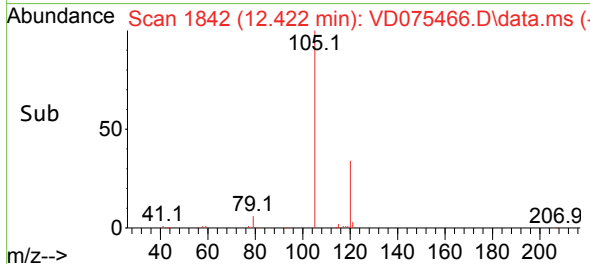
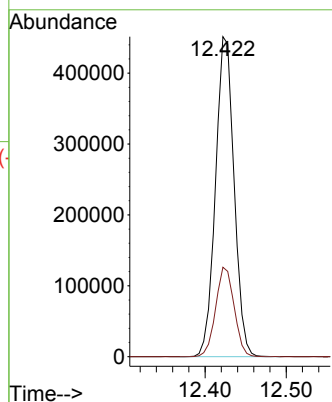
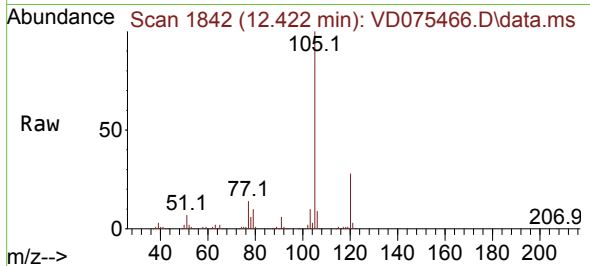




#73
Isopropylbenzene
Concen: 51.655 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

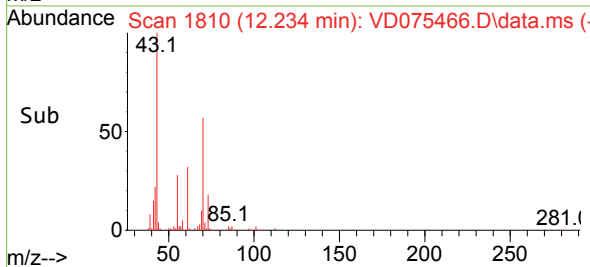
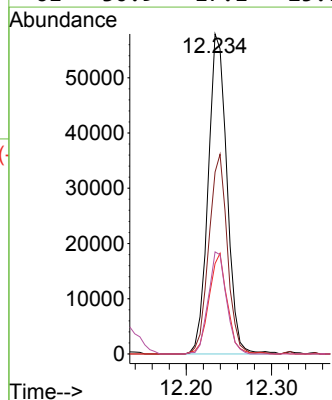
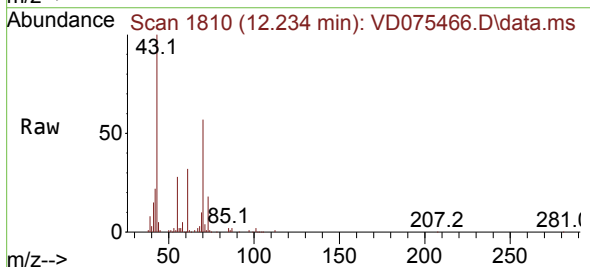
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

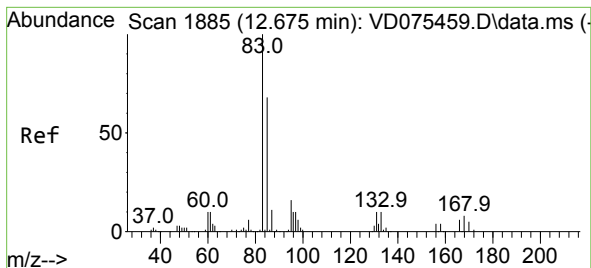
Tgt Ion:105 Resp: 717997
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.1



#74
N-ethyl acetate
Concen: 49.861 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion: 43 Resp: 88721
Ion Ratio Lower Upper
43 100
70 61.3 31.0 46.4#
55 30.6 18.6 28.0#
61 30.9 17.1 25.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 48.633 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

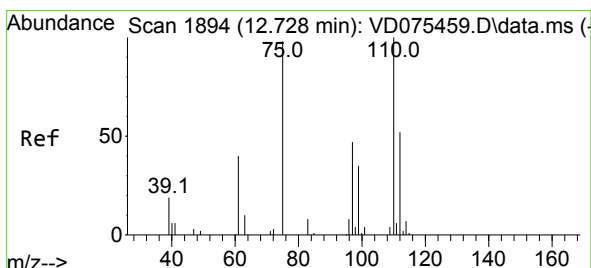
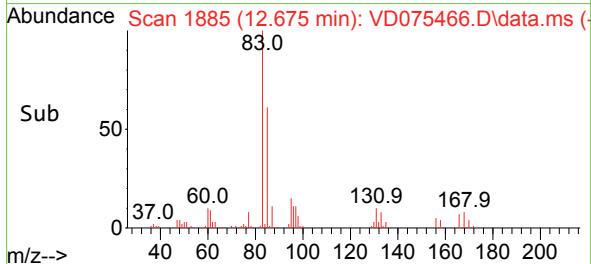
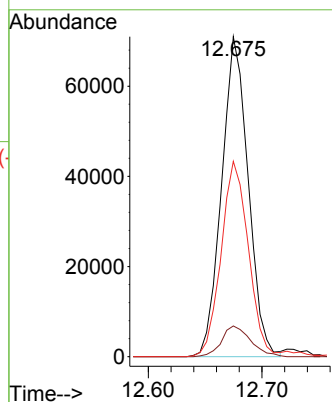
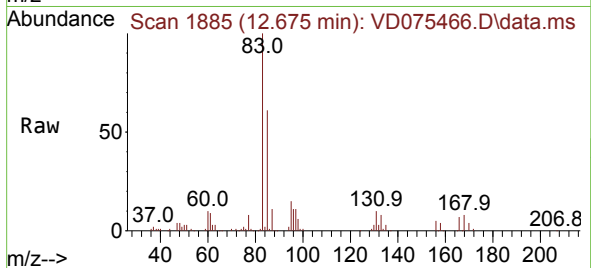
Tgt Ion: 83 Resp: 115382

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.2

85 62.6 33.6 100.6



#76

1,2,3-Trichloropropane

Concen: 91.535 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075466.D

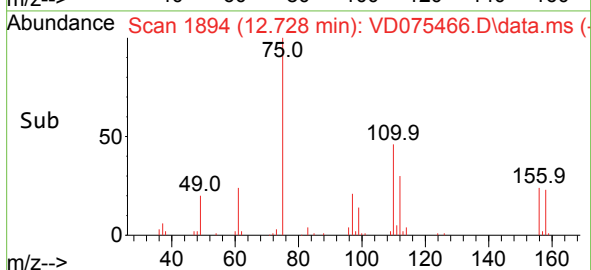
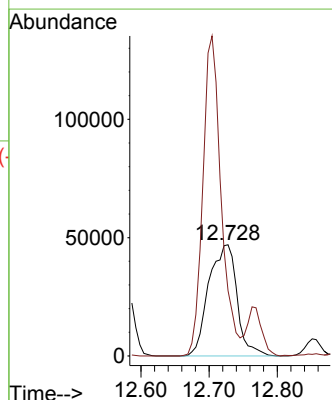
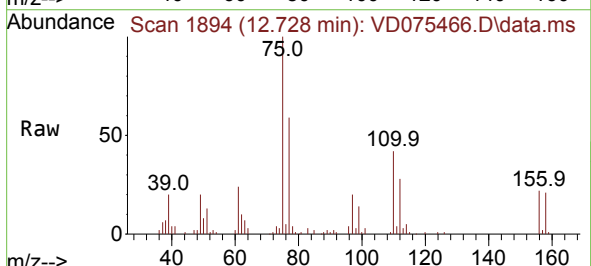
Acq: 08 Mar 2023 11:26

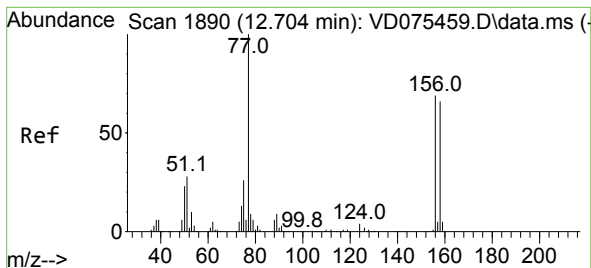
Tgt Ion: 75 Resp: 135338

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.625 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

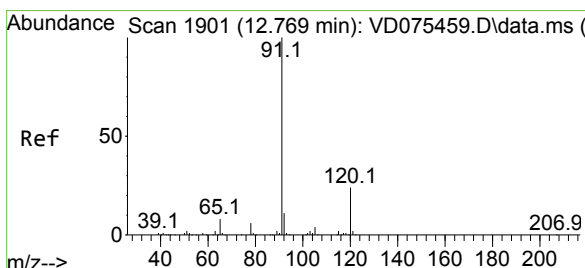
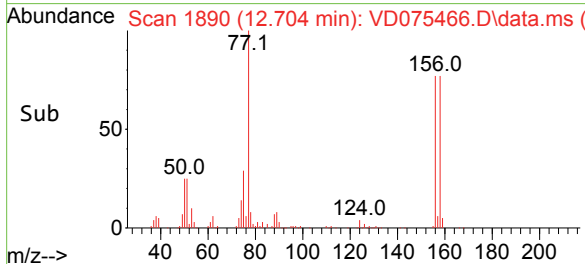
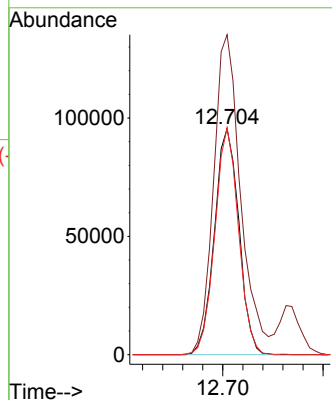
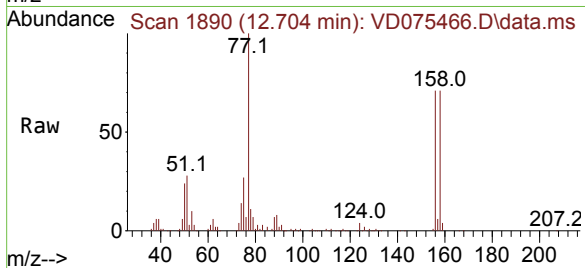
Tgt Ion:156 Resp: 161757

Ion Ratio Lower Upper

156 100

77 156.3 89.5 268.6

158 97.1 47.8 143.4



#78

n-propylbenzene

Concen: 51.717 ug/l

RT: 12.769 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VD075466.D

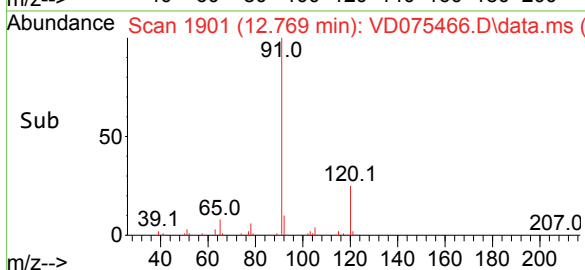
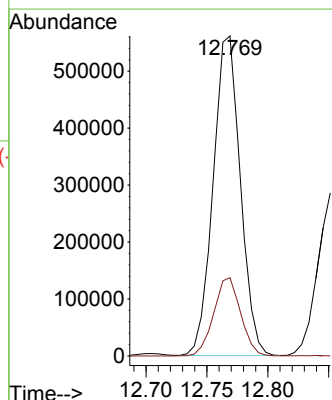
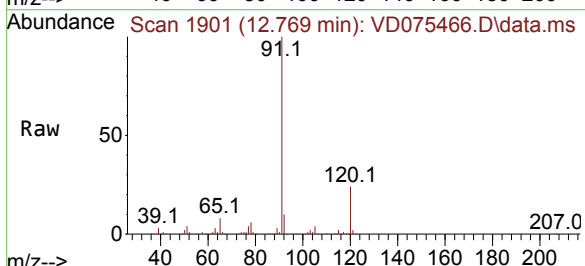
Acq: 08 Mar 2023 11:26

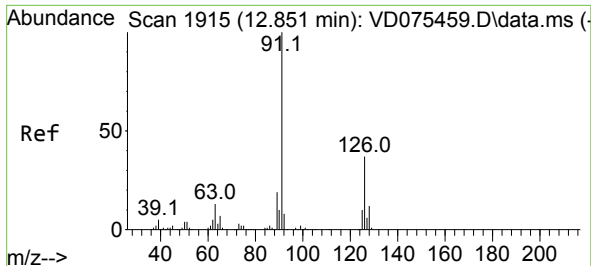
Tgt Ion: 91 Resp: 871263

Ion Ratio Lower Upper

91 100

120 24.2 11.4 34.2

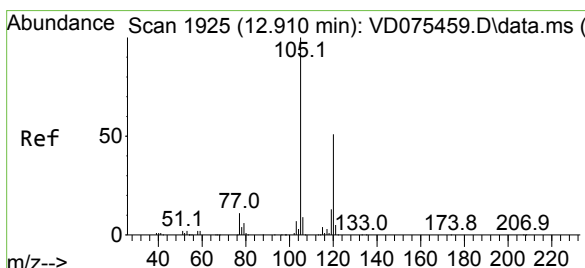
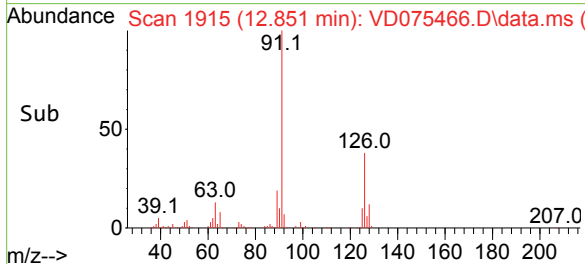
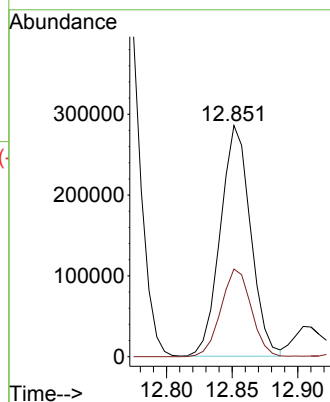
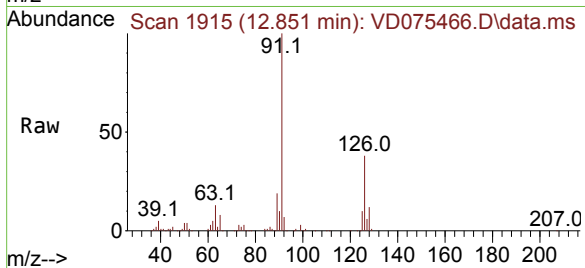




#79
2-Chlorotoluene
Concen: 50.415 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

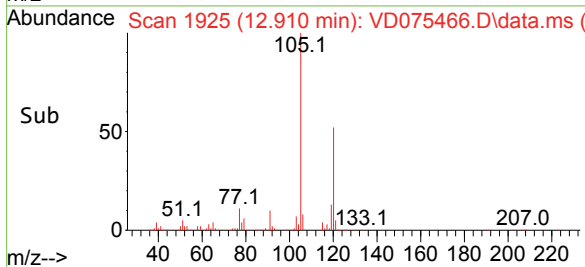
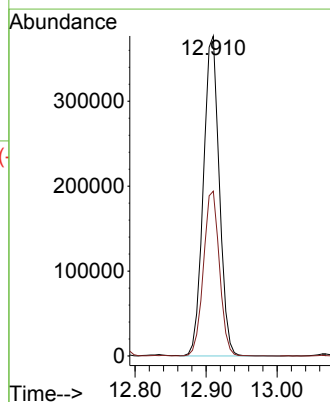
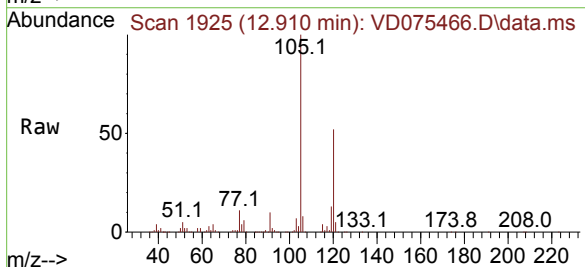
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

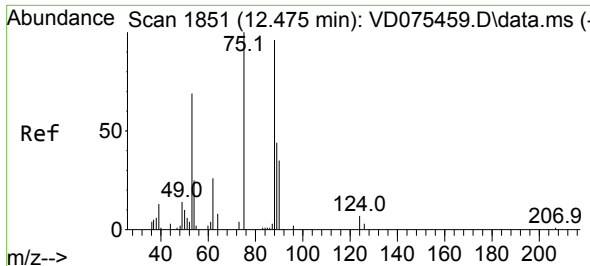
Tgt Ion: 91 Resp: 458961
Ion Ratio Lower Upper
91 100
126 38.0 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 51.842 ug/l
RT: 12.910 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion: 105 Resp: 588835
Ion Ratio Lower Upper
105 100
120 51.7 24.3 72.8

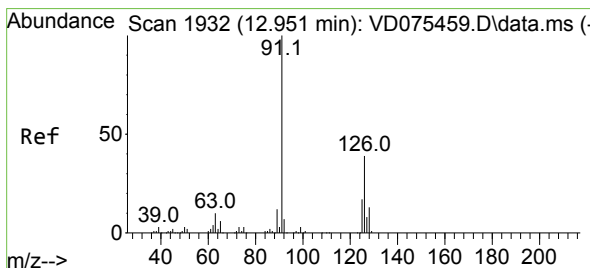
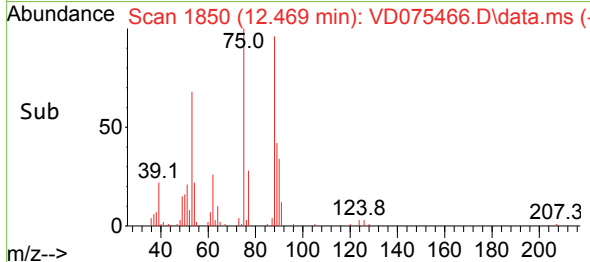
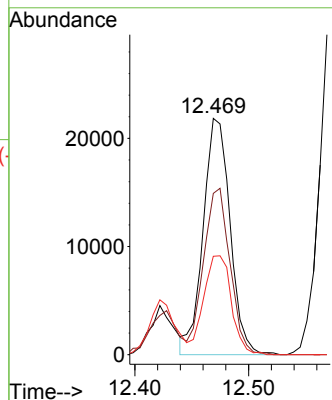
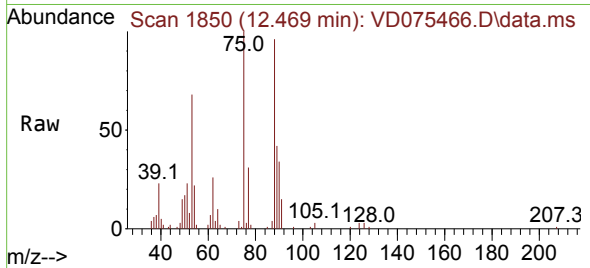




#81
trans-1,4-Dichloro-2-butene
Concen: 50.570 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

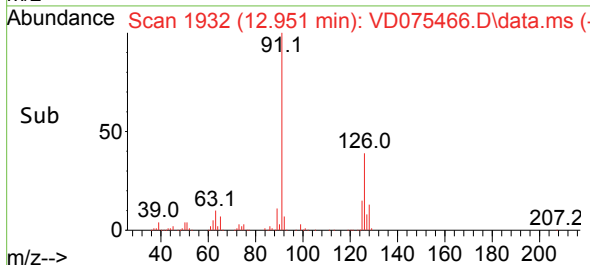
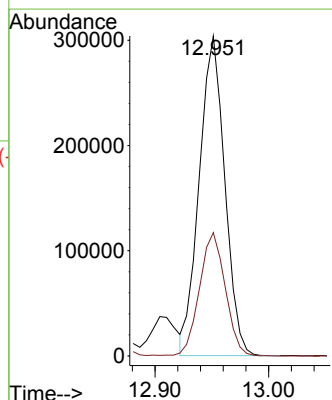
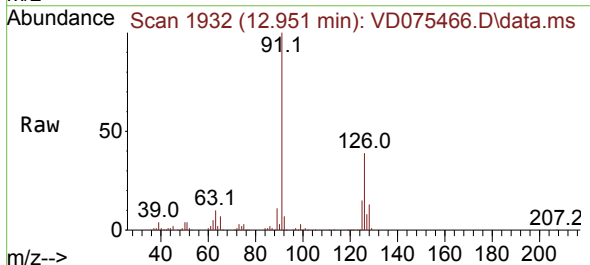
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

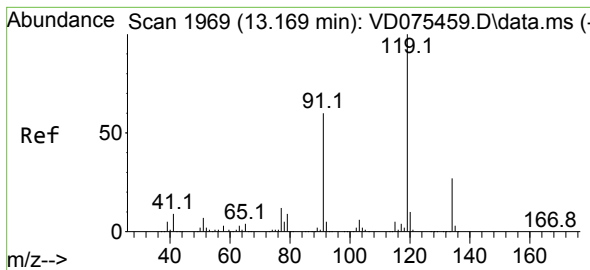
Tgt Ion: 75 Resp: 36042
Ion Ratio Lower Upper
75 100
53 69.1 90.5 135.7#
89 43.1 40.2 60.4



#82
4-Chlorotoluene
Concen: 50.271 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion: 91 Resp: 474213
Ion Ratio Lower Upper
91 100
126 39.1 17.1 51.2

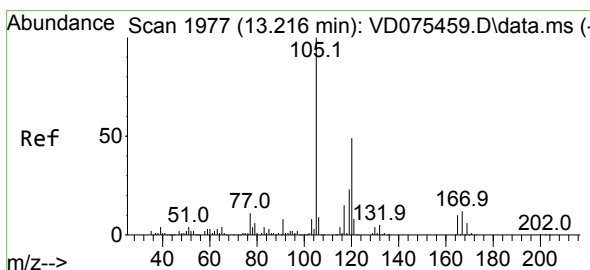
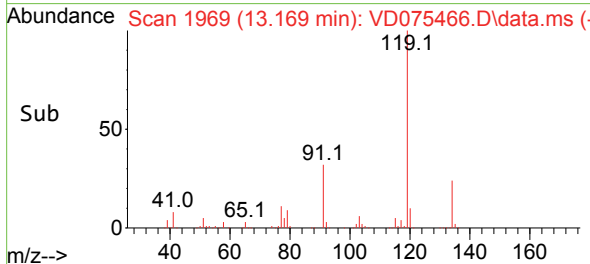
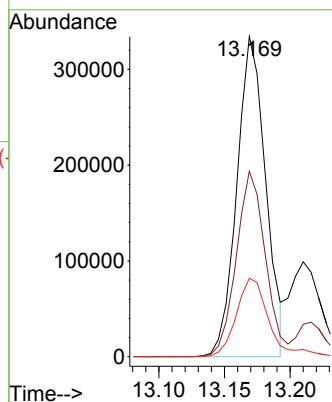
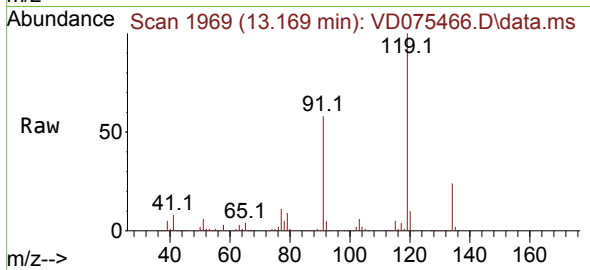




#83
tert-Butylbenzene
Concen: 52.460 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

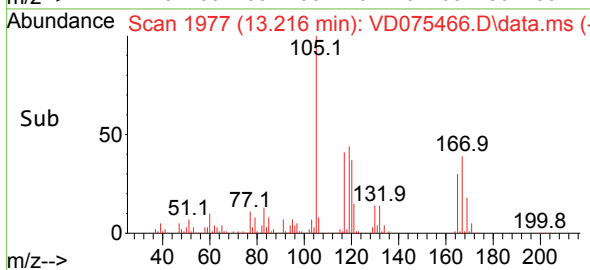
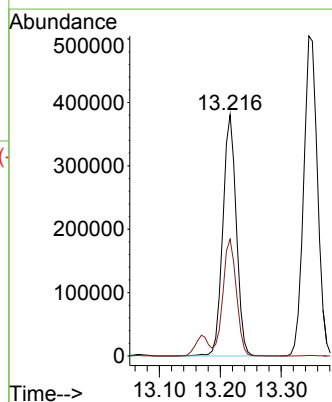
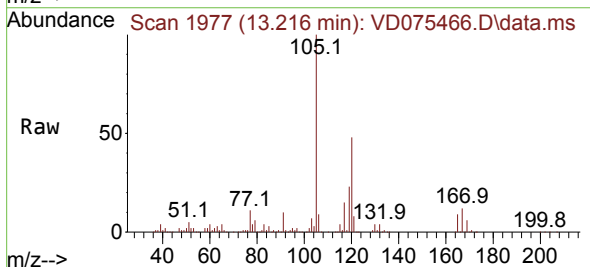
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

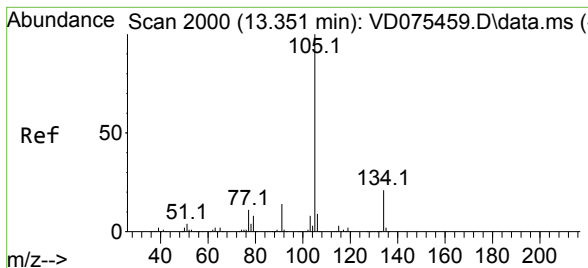
Tgt Ion:119 Resp: 510821
Ion Ratio Lower Upper
119 100
91 58.5 32.4 97.0
134 27.7 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 52.261 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion:105 Resp: 584428
Ion Ratio Lower Upper
105 100
120 48.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 52.376 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

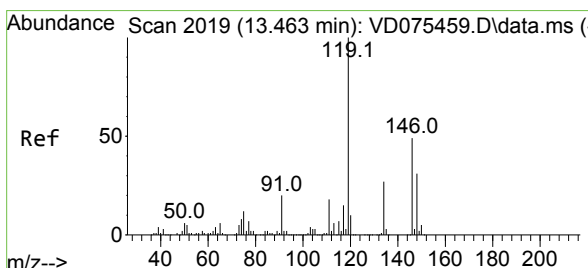
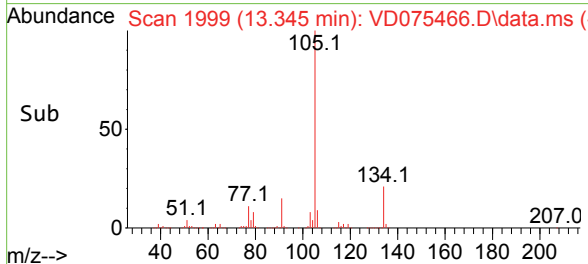
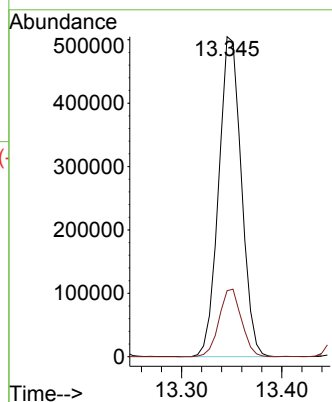
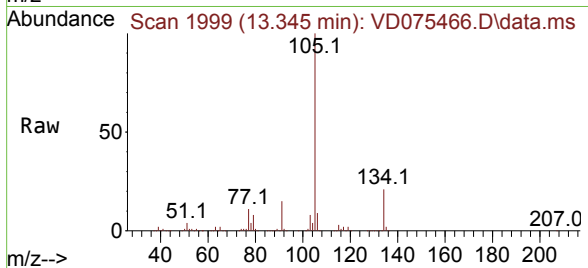
VSTDCCC050

Tgt Ion:105 Resp: 792394

Ion Ratio Lower Upper

105 100

134 20.8 9.9 29.7



#86

p-Isopropyltoluene

Concen: 52.843 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

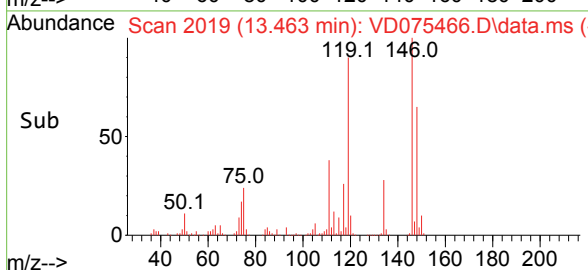
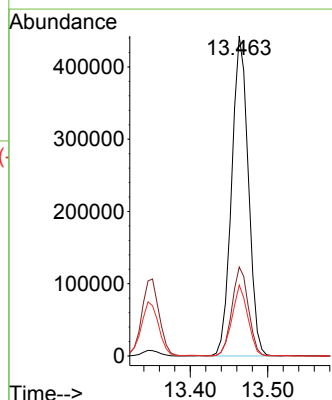
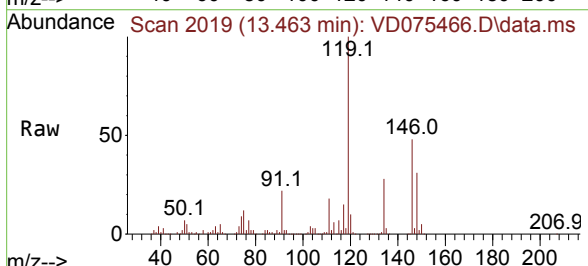
Tgt Ion:119 Resp: 664445

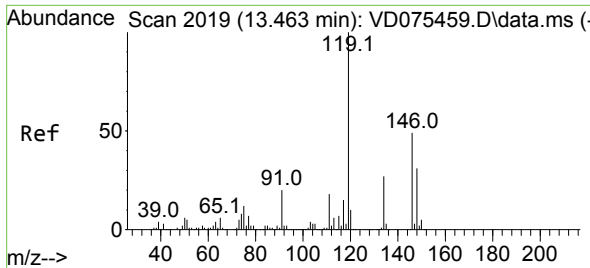
Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.3

91 21.0 12.4 37.4

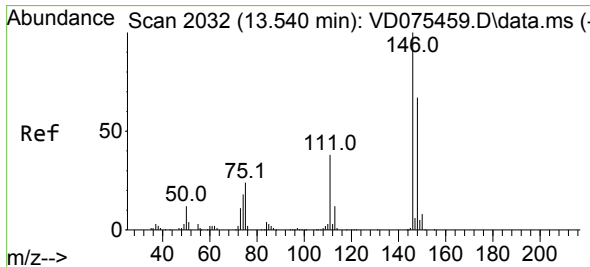
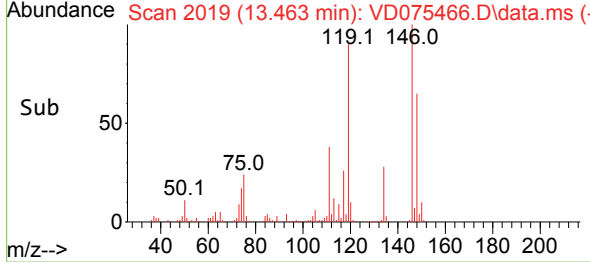
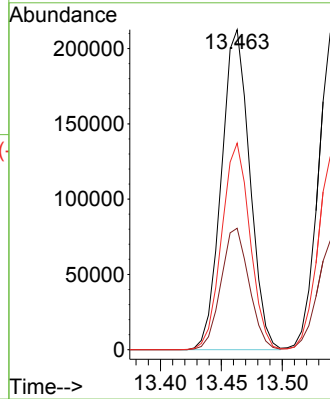
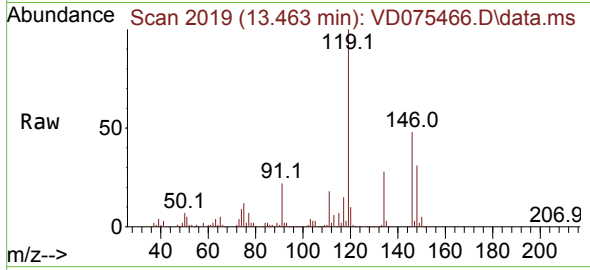




#87
1,3-Dichlorobenzene
Concen: 50.875 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

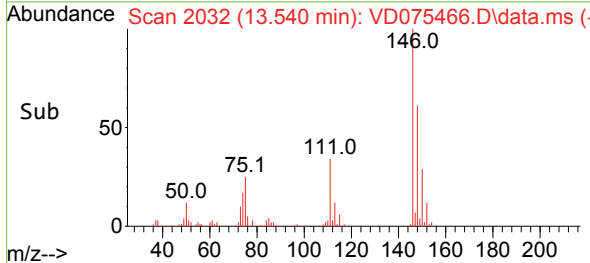
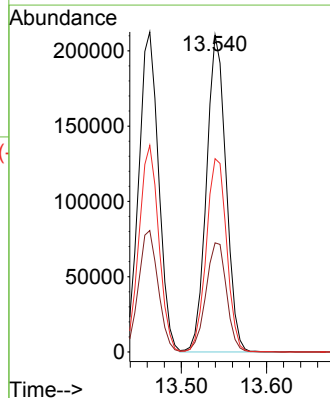
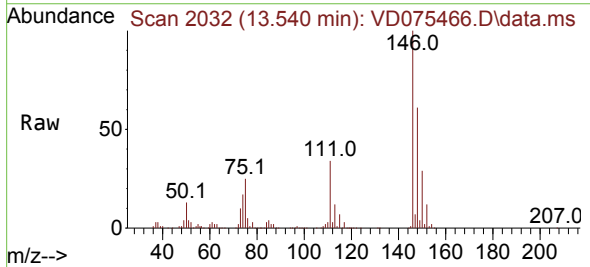
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

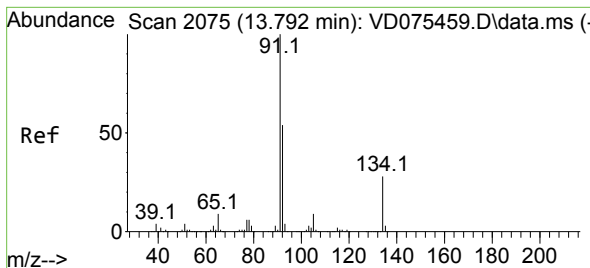
Tgt Ion:146 Resp: 344564
Ion Ratio Lower Upper
146 100
111 37.6 19.8 59.3
148 64.3 31.0 93.0



#88
1,4-Dichlorobenzene
Concen: 50.257 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion:146 Resp: 335505
Ion Ratio Lower Upper
146 100
111 36.4 19.6 58.8
148 63.7 31.7 95.1





#89

n-Butylbenzene

Concen: 51.778 ug/l

RT: 13.792 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

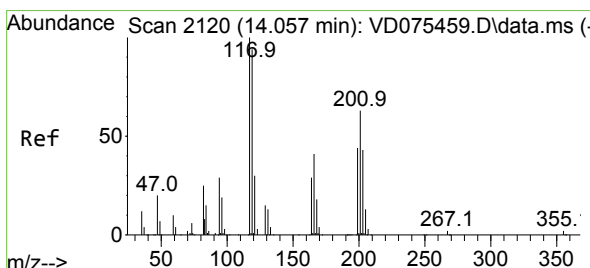
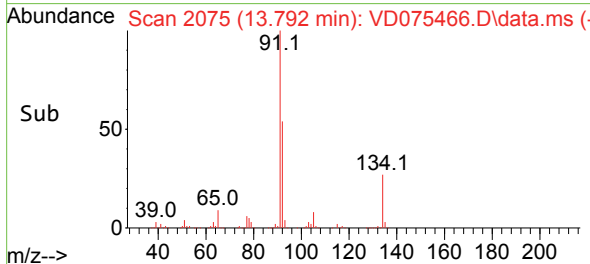
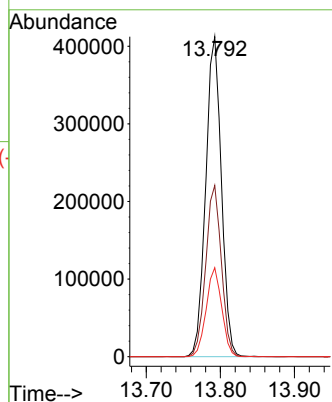
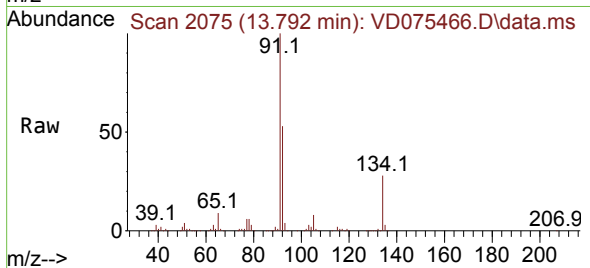
Tgt Ion: 91 Resp: 604978

Ion Ratio Lower Upper

91 100

92 53.5 26.2 78.5

134 27.6 12.7 38.0



#90

Hexachloroethane

Concen: 50.508 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD075466.D

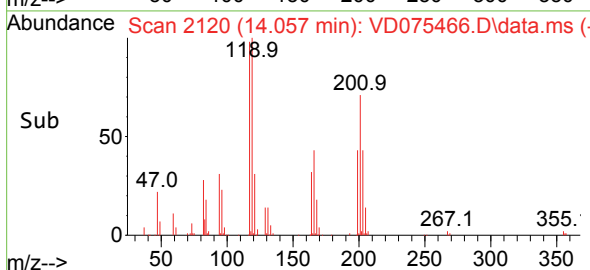
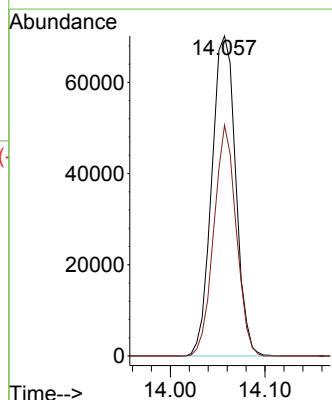
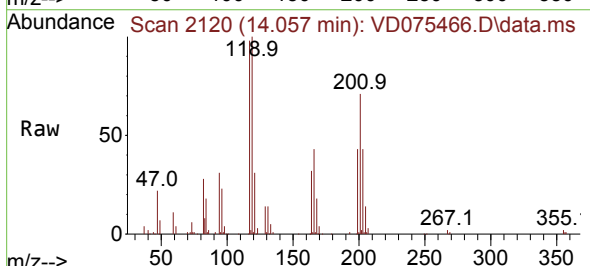
Acq: 08 Mar 2023 11:26

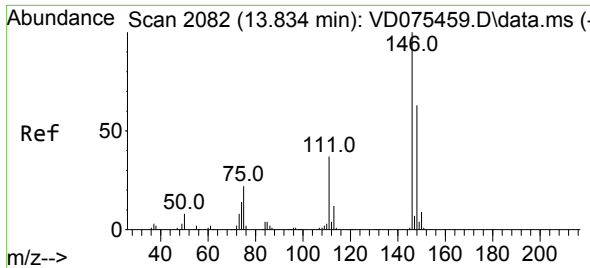
Tgt Ion: 117 Resp: 123208

Ion Ratio Lower Upper

117 100

201 67.5 34.5 103.6

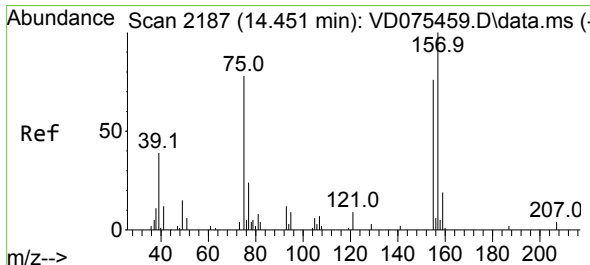
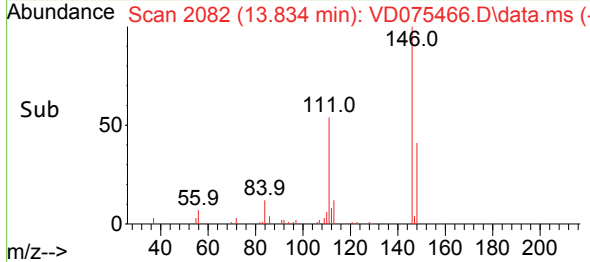
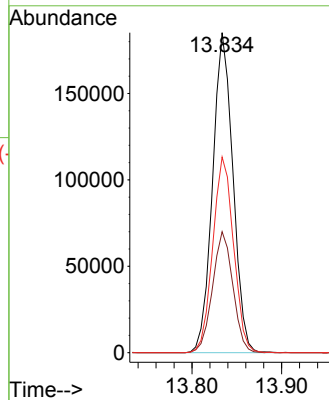
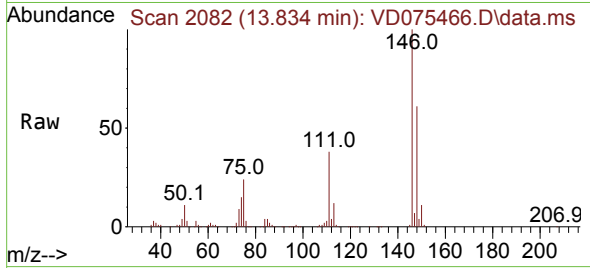




#91
1,2-Dichlorobenzene
Concen: 50.336 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

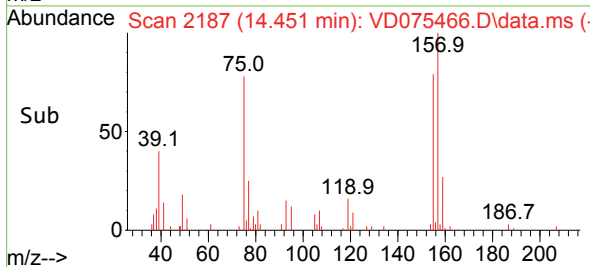
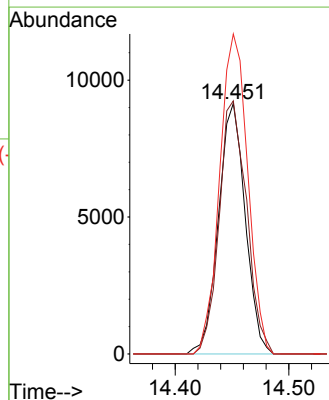
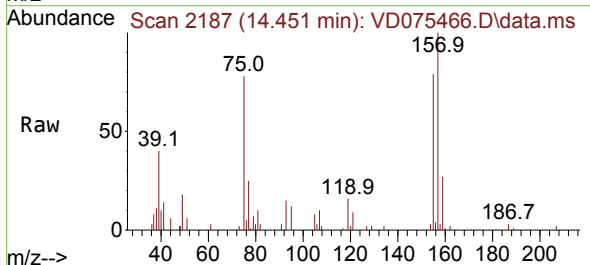
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

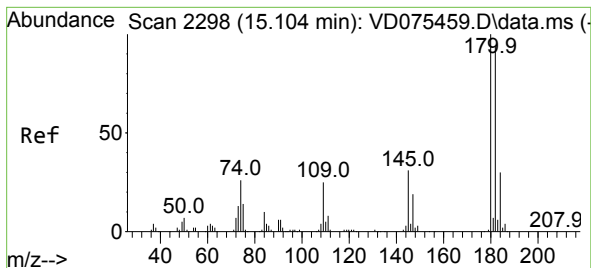
Tgt Ion:146 Resp: 291627
Ion Ratio Lower Upper
146 100
111 37.8 20.6 61.8
148 62.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.955 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD075466.D
Acq: 08 Mar 2023 11:26

Tgt Ion: 75 Resp: 14944
Ion Ratio Lower Upper
75 100
155 103.7 39.5 118.5
157 134.0 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 50.222 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

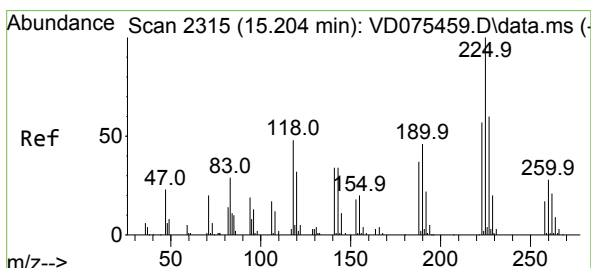
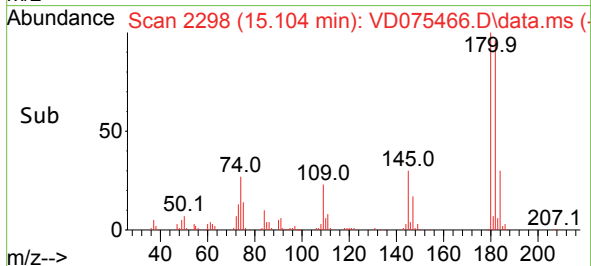
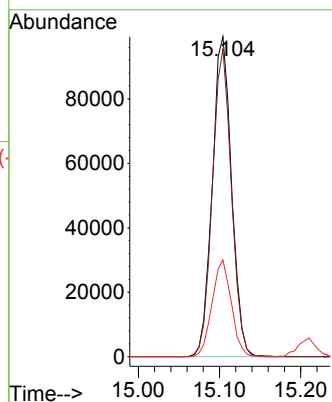
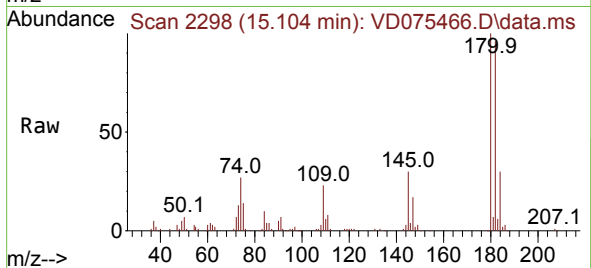
Tgt Ion:180 Resp: 163851

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.7

145 30.1 15.9 47.7



#94

Hexachlorobutadiene

Concen: 49.588 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

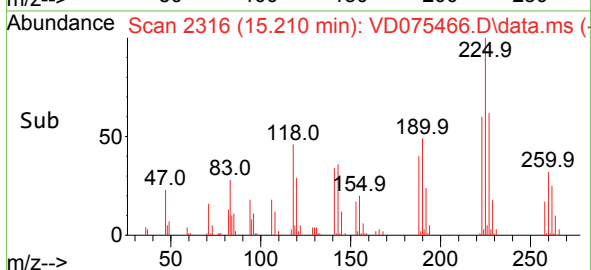
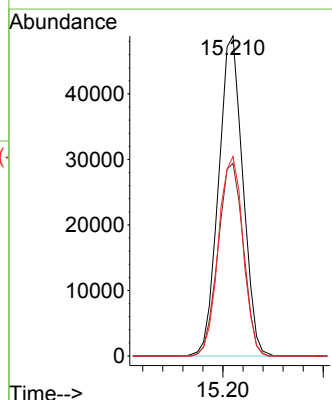
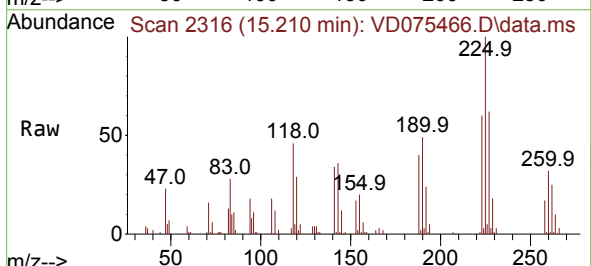
Tgt Ion:225 Resp: 81852

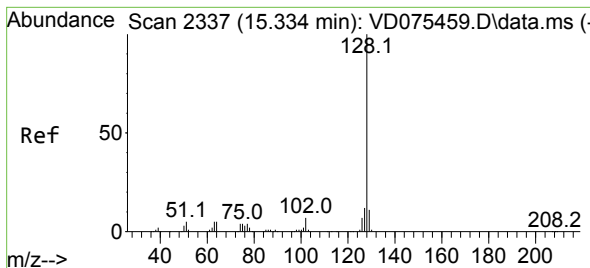
Ion Ratio Lower Upper

225 100

223 62.6 33.1 99.2

227 63.1 31.9 95.9





#95

Naphthalene

Concen: 49.307 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

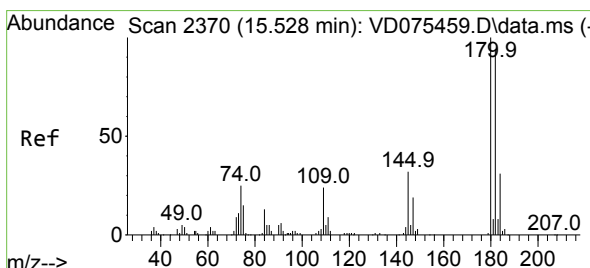
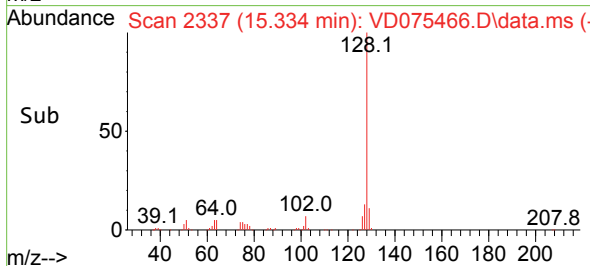
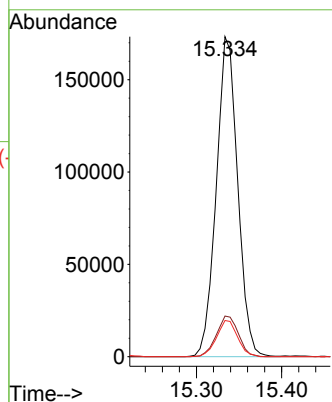
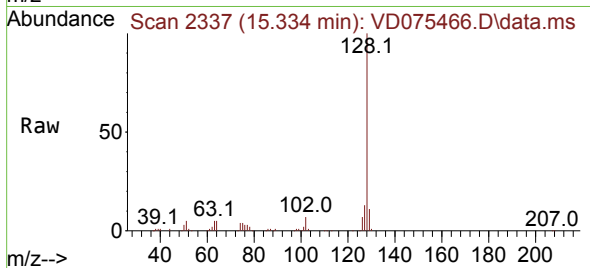
Tgt Ion:128 Resp: 302041

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 50.521 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. -0.000 min

Lab File: VD075466.D

Acq: 08 Mar 2023 11:26

Tgt Ion:180 Resp: 142977

Ion Ratio Lower Upper

180 100

182 94.1 47.7 143.1

145 30.1 16.4 49.4

