

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076464.D
 Acq On : 19 Jun 2023 11:22
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 20 05:22:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	177382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	296972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	268165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	132290	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79111	44.514	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.020%
35) Dibromofluoromethane	7.804	113	80718	45.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.500%
50) Toluene-d8	10.269	98	304060	45.445	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.900%
62) 4-Bromofluorobenzene	12.575	95	101215	46.612	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	64966	48.199	ug/l	99
3) Chloromethane	2.146	50	121783	43.444	ug/l	98
4) Vinyl Chloride	2.281	62	140479	44.924	ug/l	99
5) Bromomethane	2.687	94	83983	41.306	ug/l	99
6) Chloroethane	2.828	64	93308	43.536	ug/l	94
7) Trichlorofluoromethane	3.169	101	122819	47.727	ug/l	96
8) Diethyl Ether	3.587	74	42821	44.214	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.958	101	82249	49.628	ug/l	99
10) Methyl Iodide	4.158	142	89914	45.762	ug/l	93
11) Tert butyl alcohol	5.063	59	31221	203.467	ug/l #	92
12) 1,1-Dichloroethene	3.934	96	75913	46.770	ug/l #	76
13) Acrolein	3.793	56	36548	221.132	ug/l	100
14) Allyl chloride	4.558	41	130378	43.923	ug/l #	86
15) Acrylonitrile	5.246	53	106601	214.054	ug/l	97
16) Acetone	4.016	43	110929	262.300	ug/l	87
17) Carbon Disulfide	4.263	76	209639	47.271	ug/l	99
18) Methyl Acetate	4.558	43	85013	43.619	ug/l #	80
19) Methyl tert-butyl Ether	5.316	73	203635	45.866	ug/l	94
20) Methylene Chloride	4.793	84	99358	40.427	ug/l #	73
21) trans-1,2-Dichloroethene	5.311	96	83874	44.709	ug/l	90
22) Diisopropyl ether	6.210	45	293357	45.705	ug/l #	88
23) Vinyl Acetate	6.152	43	744824	234.112	ug/l #	89
24) 1,1-Dichloroethane	6.105	63	166392	46.424	ug/l	96
25) 2-Butanone	7.081	43	149460	228.493	ug/l #	79
26) 2,2-Dichloropropane	7.075	77	144779	46.852	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	104851	46.181	ug/l	87
28) Bromochloromethane	7.422	49	44409	42.710	ug/l #	70
29) Tetrahydrofuran	7.446	42	90921	216.290	ug/l #	76
30) Chloroform	7.593	83	159794	45.026	ug/l	94
31) Cyclohexane	7.875	56	135365	49.159	ug/l #	83
32) 1,1,1-Trichloroethane	7.787	97	134605	46.921	ug/l	98
36) 1,1-Dichloropropene	8.004	75	121211	49.062	ug/l	96
37) Ethyl Acetate	7.169	43	66024	46.119	ug/l #	91
38) Carbon Tetrachloride	7.987	117	111308	50.407	ug/l	92
39) Methylcyclohexane	9.275	83	149408	51.533	ug/l #	90
40) Benzene	8.246	78	357686	47.476	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	38401	47.502	ug/l #	77
42) 1,2-Dichloroethane	8.322	62	98726	48.496	ug/l	95
43) Isopropyl Acetate	8.357	43	129106	47.635	ug/l #	84
44) Trichloroethene	9.022	130	96929	47.693	ug/l	99
45) 1,2-Dichloropropane	9.304	63	98001	47.975	ug/l	97
46) Dibromomethane	9.387	93	50609	46.248	ug/l	96
47) Bromodichloromethane	9.581	83	121705	46.476	ug/l	96
48) Methyl methacrylate	9.381	41	58795	47.330	ug/l #	72
49) 1,4-Dioxane	9.387	88	11947	911.208	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	326978	236.009	ug/l #	84
52) Toluene	10.334	92	227815	48.186	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	126579	47.635	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	149345	47.405	ug/l #	80
55) 1,1,2-Trichloroethane	10.734	97	71435	46.669	ug/l	90
56) Ethyl methacrylate	10.598	69	93148	46.606	ug/l #	70
57) 1,3-Dichloropropane	10.881	76	120603	46.019	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	192797	227.533	ug/l	91
59) 2-Hexanone	10.922	43	239267	248.274	ug/l	83
60) Dibromochloromethane	11.075	129	84150	47.239	ug/l	94
61) 1,2-Dibromoethane	11.181	107	67698	47.114	ug/l	98
64) Tetrachloroethene	10.810	164	79567	49.430	ug/l	96
65) Chlorobenzene	11.604	112	245113	48.112	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	90547	49.697	ug/l	96
67) Ethyl Benzene	11.681	91	438656	48.593	ug/l	99
68) m/p-Xylenes	11.793	106	338583	96.083	ug/l	89
69) o-Xylene	12.122	106	162838	48.545	ug/l	91
70) Styrene	12.134	104	278017	47.979	ug/l	94
71) Bromoform	12.298	173	53156	48.590	ug/l #	99
73) Isopropylbenzene	12.422	105	428568	48.117	ug/l	97
74) N-amyl acetate	12.234	43	122444	46.958	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.675	83	85112	46.309	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	105065	80.022	ug/l #	100
77) Bromobenzene	12.698	156	101922	46.383	ug/l	90
78) n-propylbenzene	12.763	91	523235	47.577	ug/l	97
79) 2-Chlorotoluene	12.851	91	284307	47.078	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	347271	47.743	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	28253	47.153	ug/l	95
82) 4-Chlorotoluene	12.945	91	295997	47.195	ug/l	94
83) tert-Butylbenzene	13.169	119	310363	48.021	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	346665	47.294	ug/l	97
85) sec-Butylbenzene	13.345	105	469830	48.987	ug/l	96
86) p-Isopropyltoluene	13.463	119	392258	48.946	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	202550	46.927	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	196588	45.667	ug/l	96
89) n-Butylbenzene	13.787	91	380091	48.626	ug/l	99
90) Hexachloroethane	14.051	117	74409	50.313	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	177724	47.120	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11624	42.018	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	119120	47.389	ug/l	99
94) Hexachlorobutadiene	15.204	225	60352	49.385	ug/l	98
95) Naphthalene	15.334	128	236962	47.142	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	104415	47.677	ug/l	99

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QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration

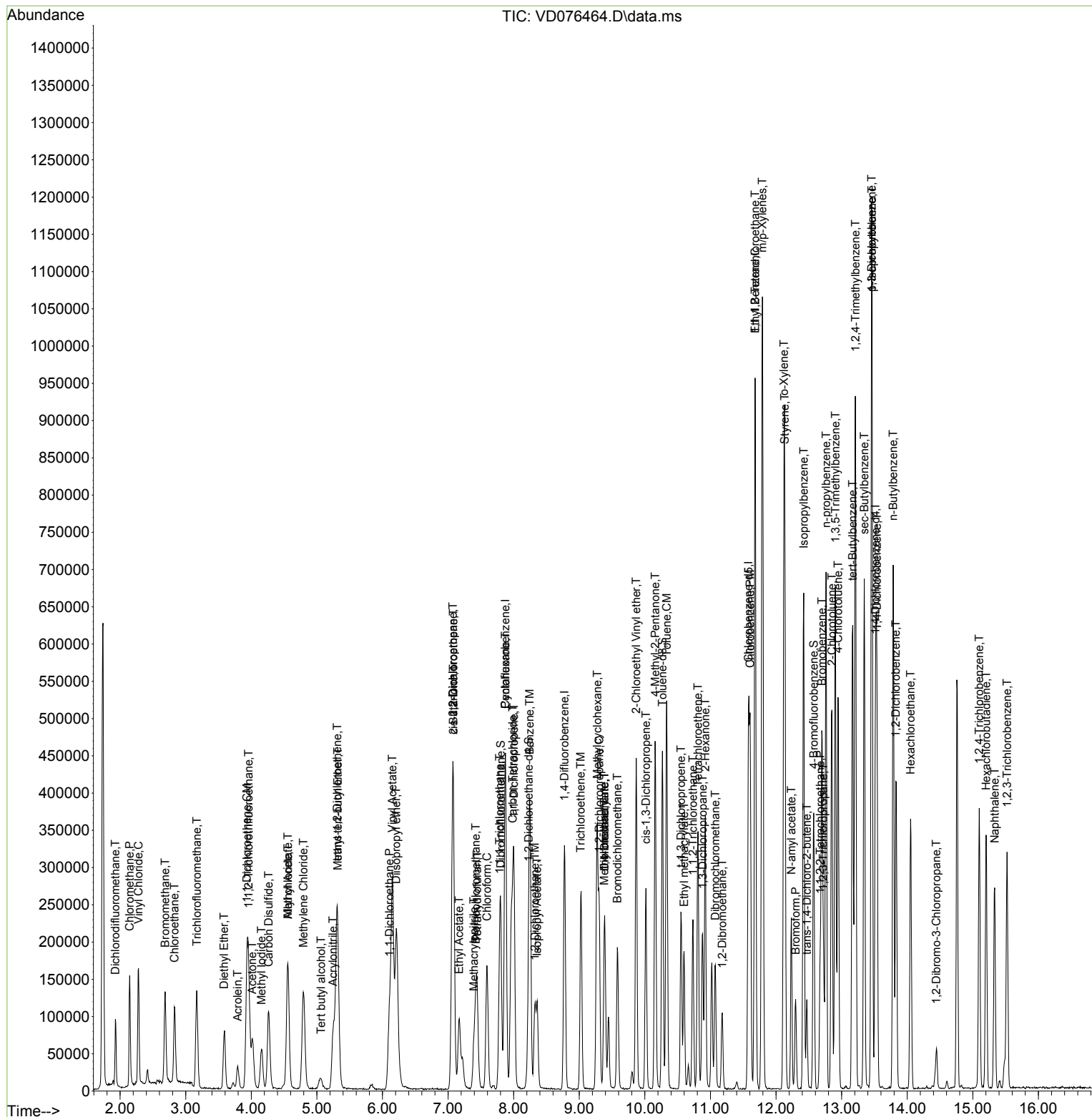
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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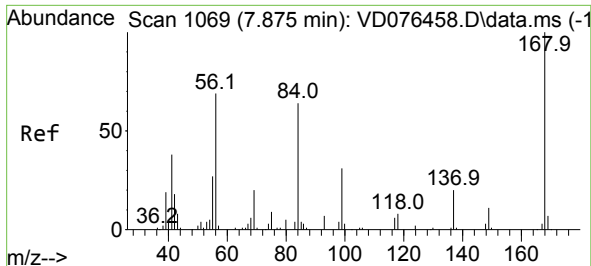
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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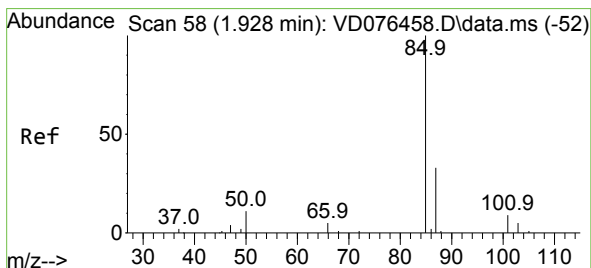
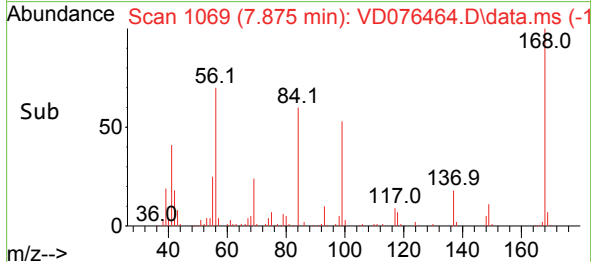
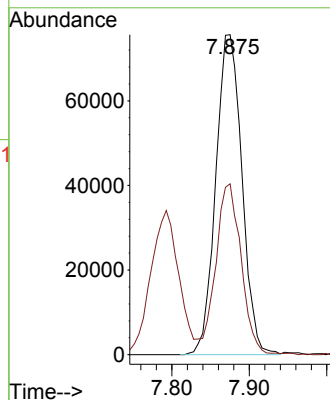
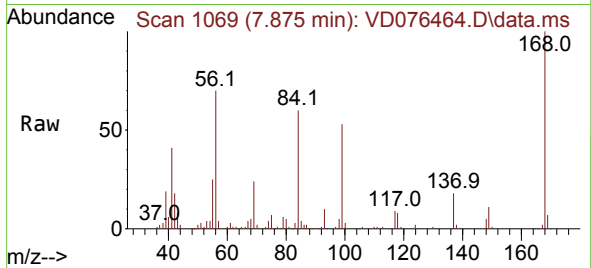




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076464.D
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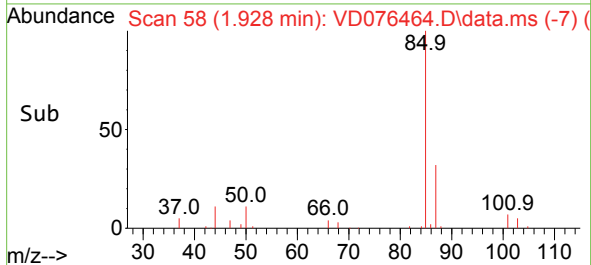
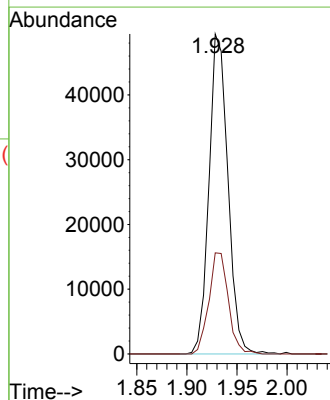
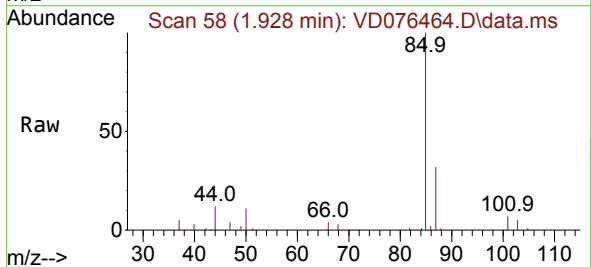
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

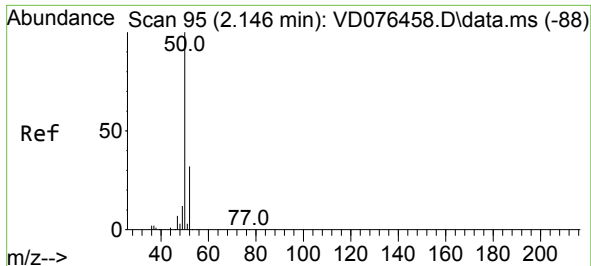
Tgt Ion:168 Resp: 177382
Ion Ratio Lower Upper
168 100
99 53.1 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 48.199 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 85 Resp: 64966
Ion Ratio Lower Upper
85 100
87 31.6 15.7 47.0

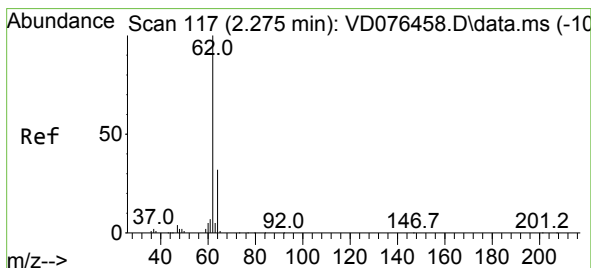
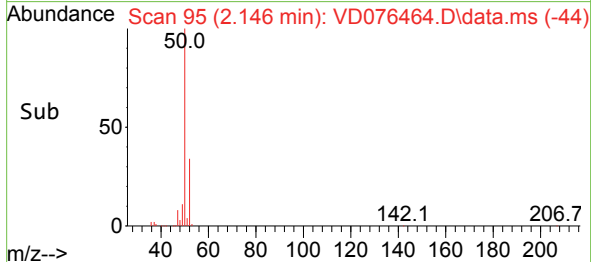
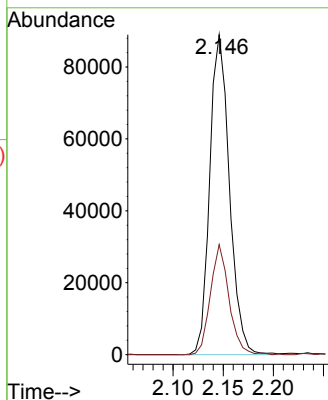
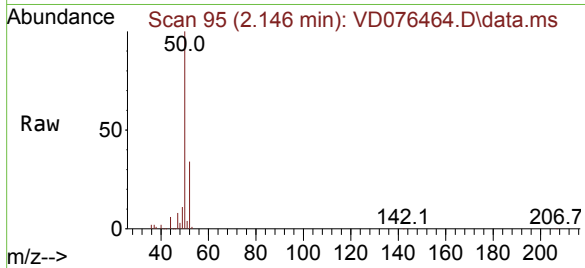




#3
Chloromethane
Concen: 43.444 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

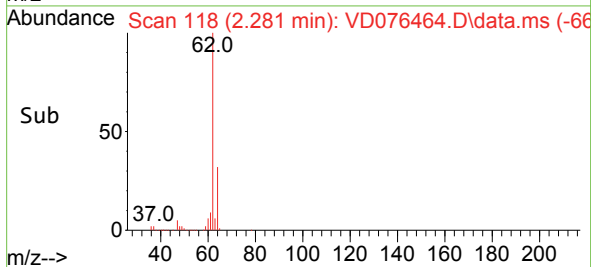
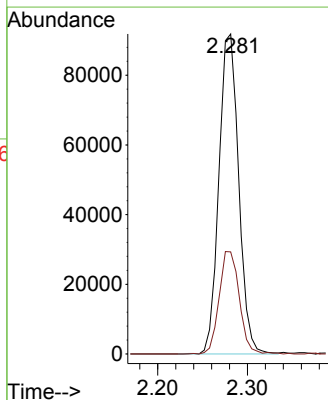
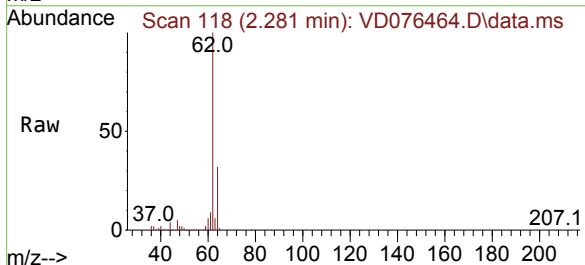
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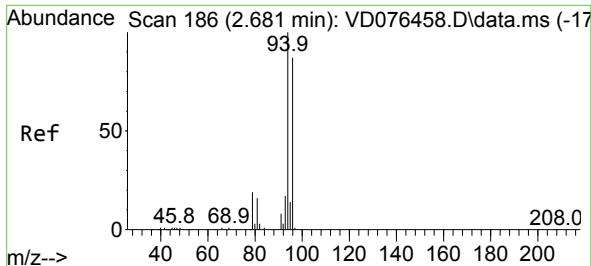
Tgt Ion: 50 Resp: 121783
Ion Ratio Lower Upper
50 100
52 34.4 26.6 40.0



#4
Vinyl Chloride
Concen: 44.924 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 62 Resp: 140479
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0

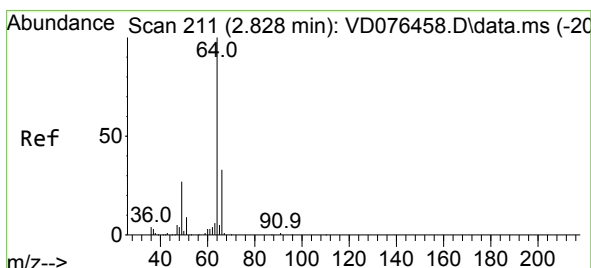
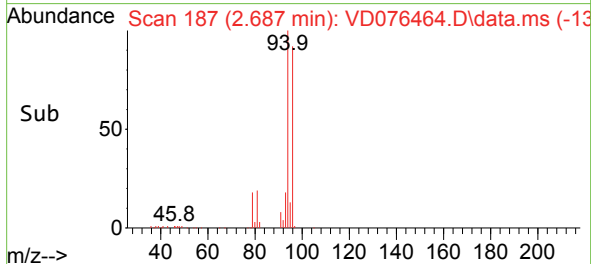
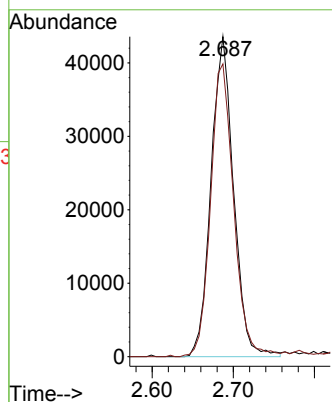
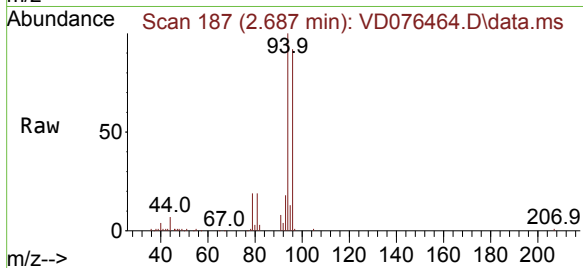




#5
Bromomethane
Concen: 41.306 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076464.D
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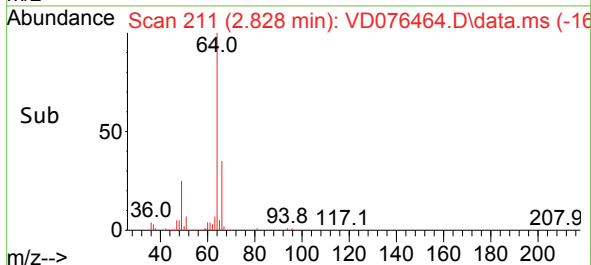
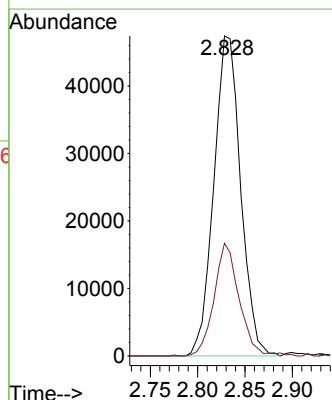
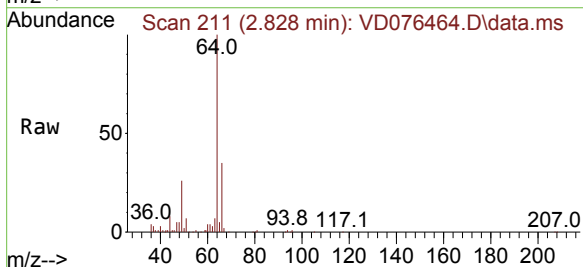
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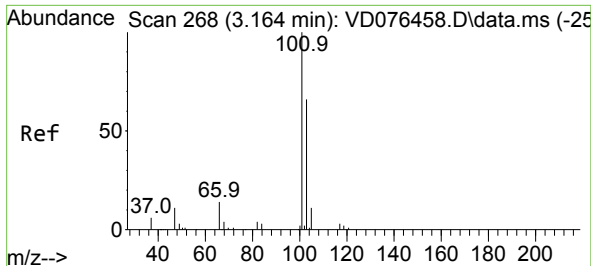
Tgt Ion: 94 Resp: 83983
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.8



#6
Chloroethane
Concen: 43.536 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 64 Resp: 93308
Ion Ratio Lower Upper
64 100
66 35.3 25.5 38.3

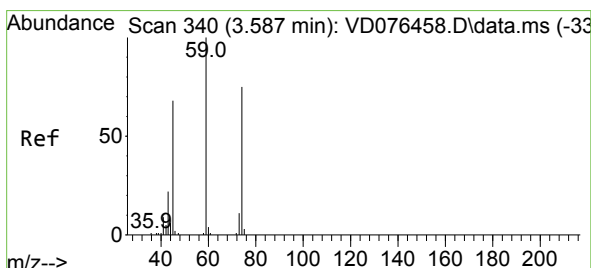
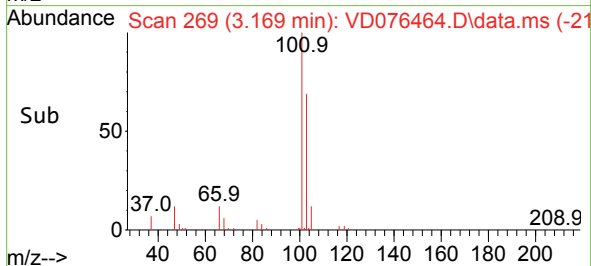
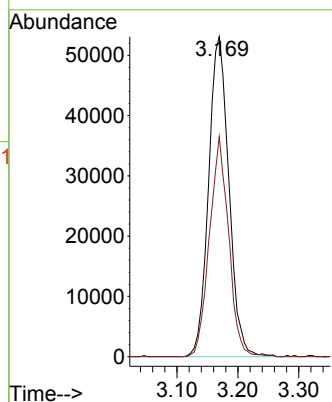
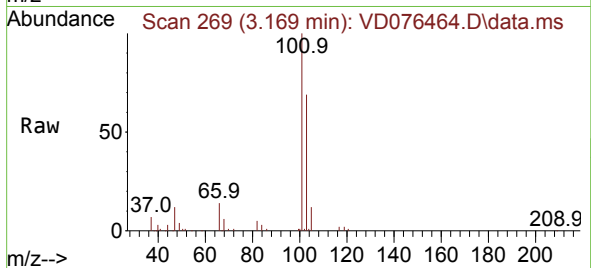




#7
Trichlorofluoromethane
Concen: 47.727 ug/l
RT: 3.169 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

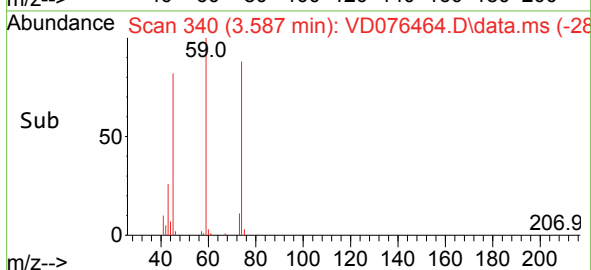
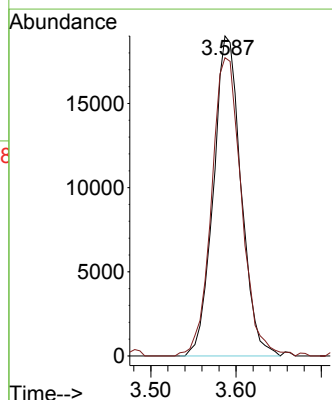
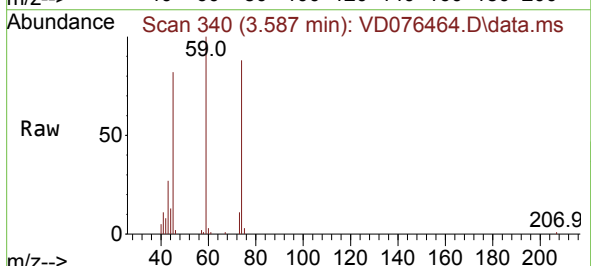
Instrument :
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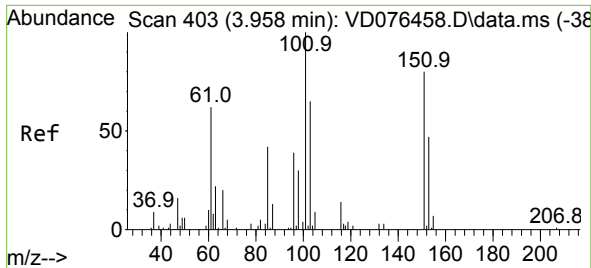
Tgt Ion:101 Resp: 122819
Ion Ratio Lower Upper
101 100
103 68.8 52.3 78.5



#8
Diethyl Ether
Concen: 44.214 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 74 Resp: 42821
Ion Ratio Lower Upper
74 100
45 101.0 37.5 112.7

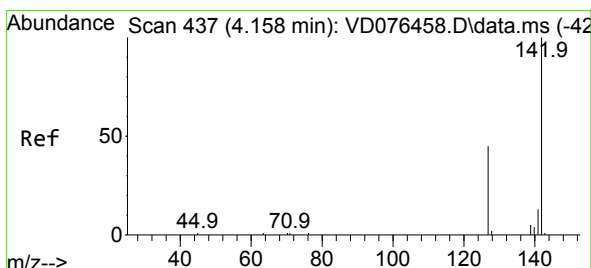
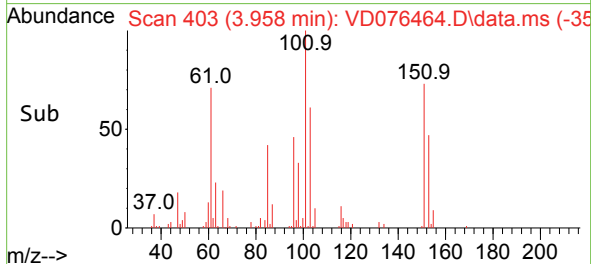
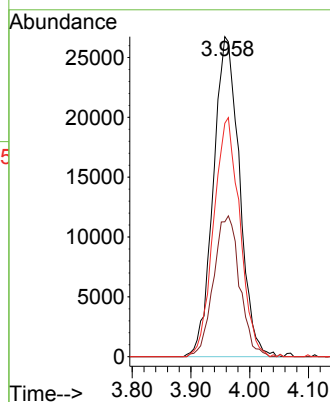
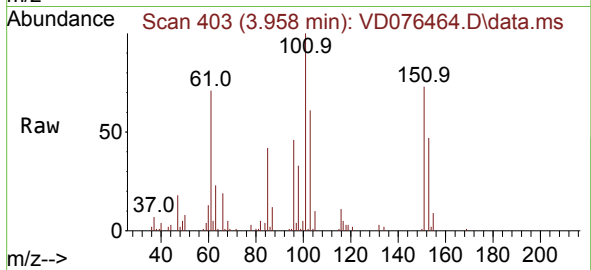




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.628 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

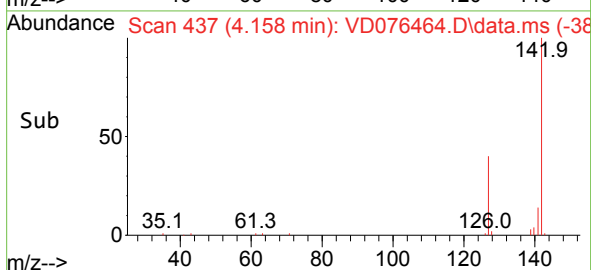
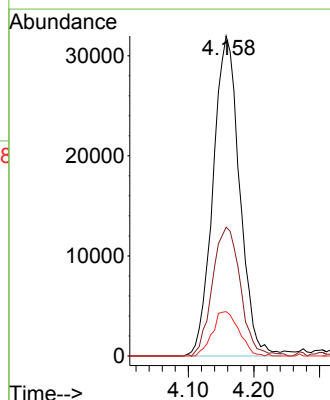
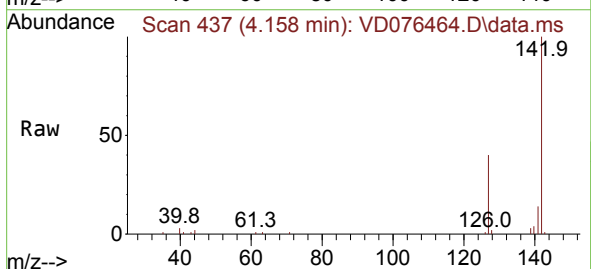
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

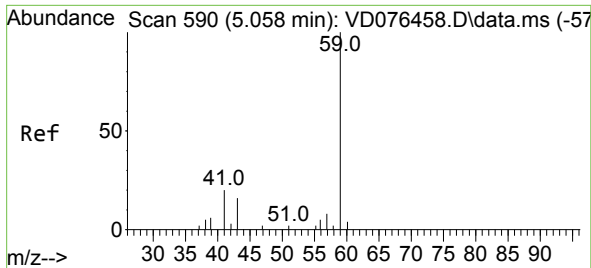
Tgt Ion:101	Resp:	82249
Ion Ratio	Lower	Upper
101	100	
85	44.2	33.8 50.6
151	75.1	59.8 89.6



#10
Methyl Iodide
Concen: 45.762 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion:142	Resp:	89914
Ion Ratio	Lower	Upper
142	100	
127	42.5	29.4 44.0
141	14.0	11.1 16.7

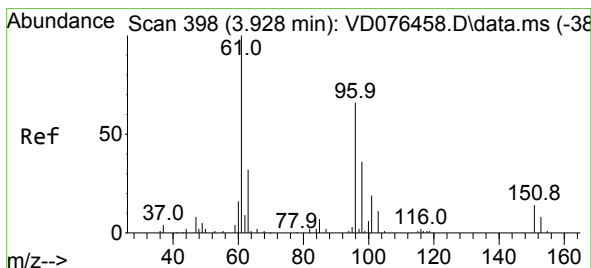
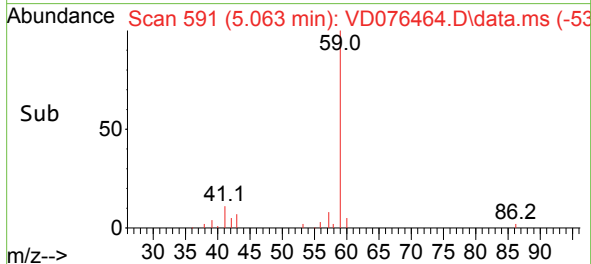
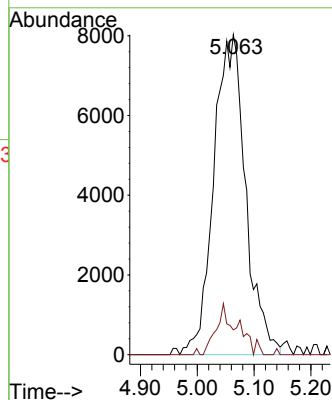
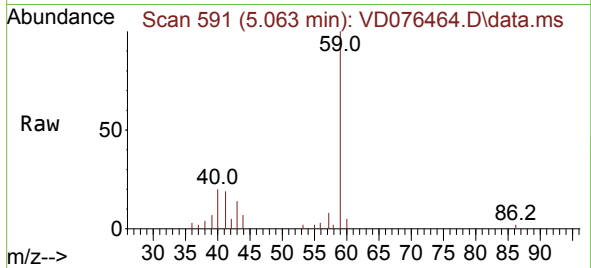




#11
Tert butyl alcohol
Concen: 203.467 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

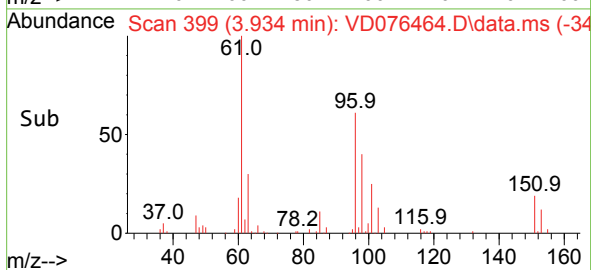
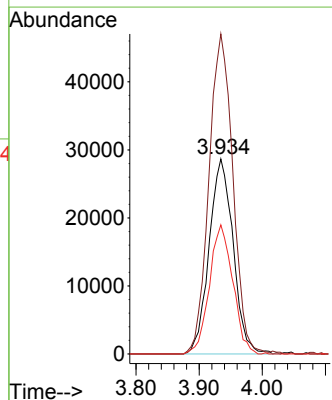
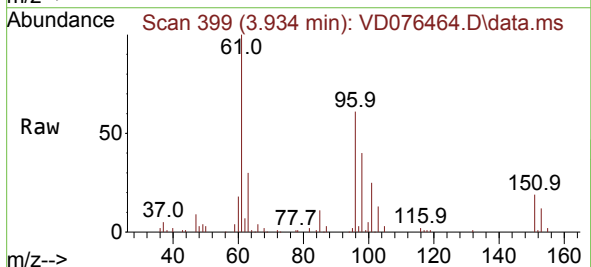
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

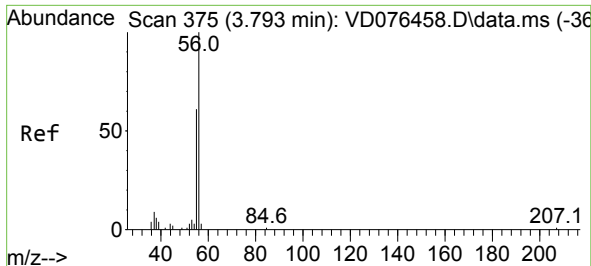
Tgt Ion: 59 Resp: 31221
Ion Ratio Lower Upper
59 100
57 6.8 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 46.770 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 96 Resp: 75913
Ion Ratio Lower Upper
96 100
61 164.1 100.6 150.8#
98 66.2 50.2 75.2

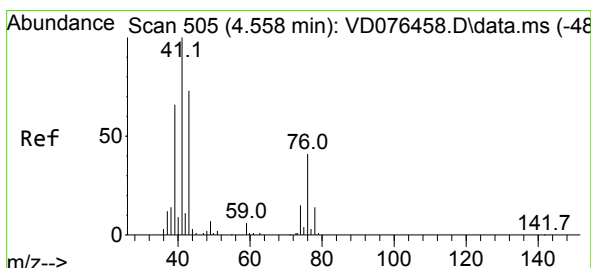
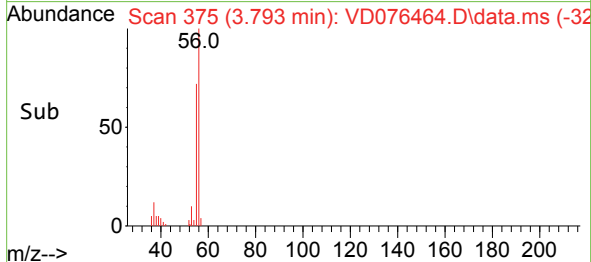
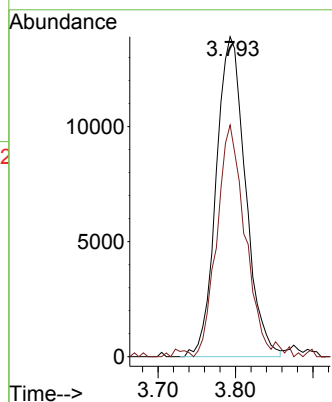
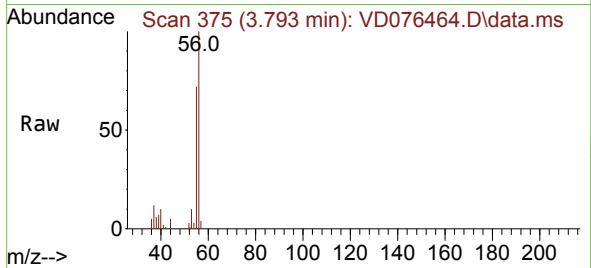




#13
Acrolein
Concen: 221.132 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

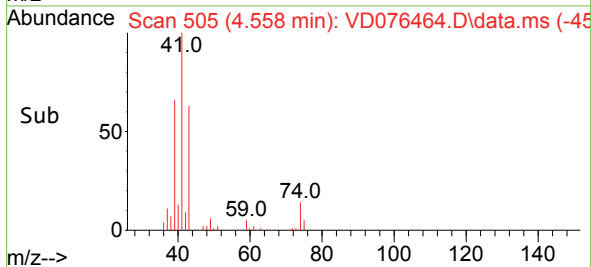
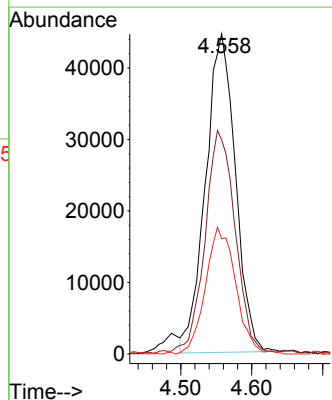
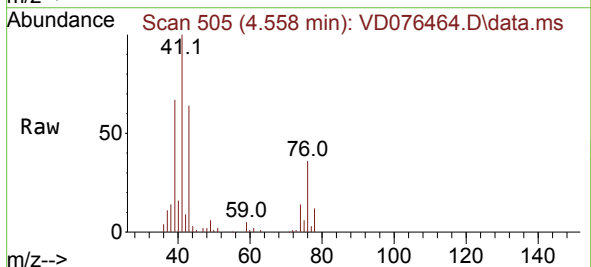
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

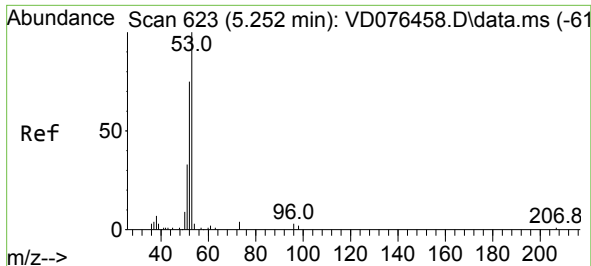
Tgt Ion: 56 Resp: 36548
Ion Ratio Lower Upper
56 100
55 69.2 55.1 82.7



#14
Allyl chloride
Concen: 43.923 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 41 Resp: 130378
Ion Ratio Lower Upper
41 100
39 71.6 53.8 80.6
76 40.1 45.8 68.8#

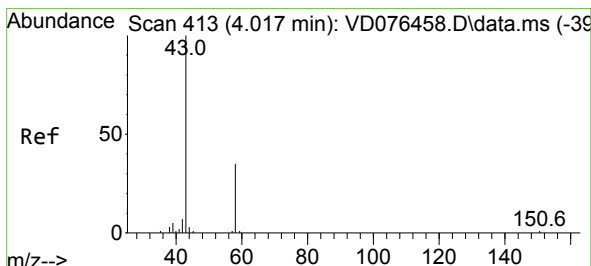
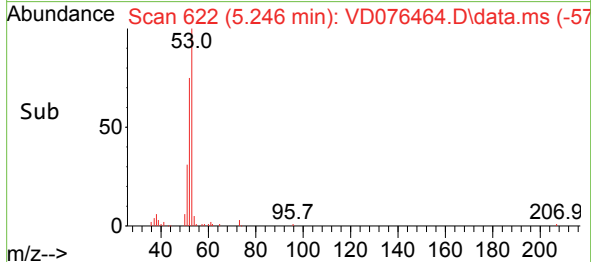
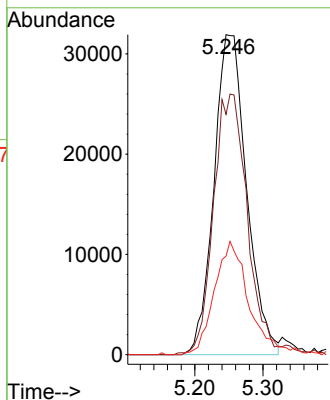
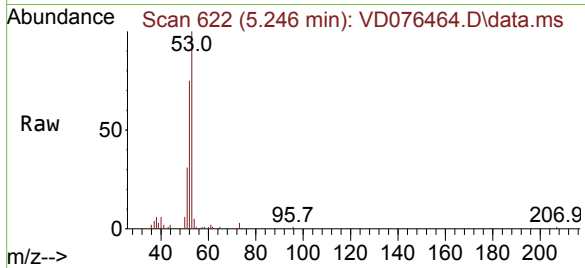




#15
Acrylonitrile
Concen: 214.054 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

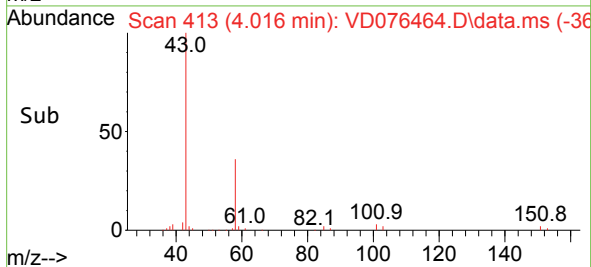
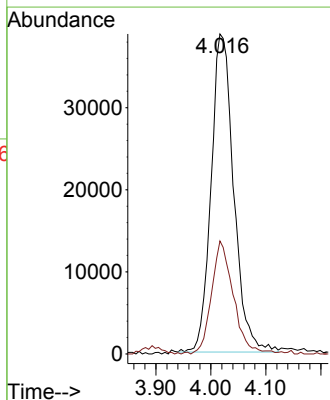
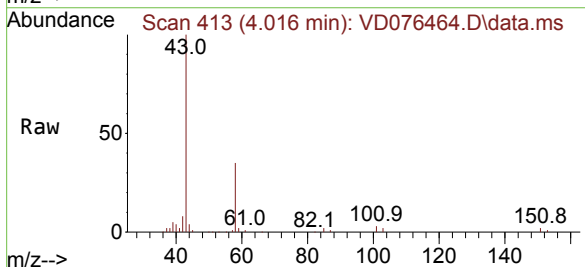
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

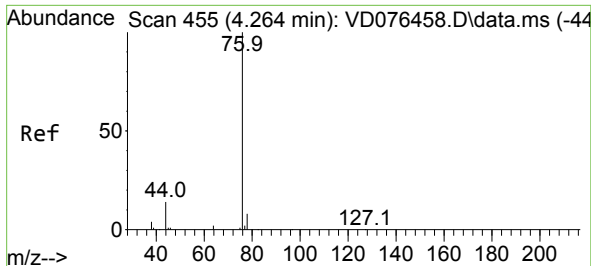
Tgt Ion: 53 Resp: 106601
Ion Ratio Lower Upper
53 100
52 83.7 65.0 97.4
51 37.4 28.3 42.5



#16
Acetone
Concen: 262.300 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 43 Resp: 110929
Ion Ratio Lower Upper
43 100
58 35.1 34.7 52.1

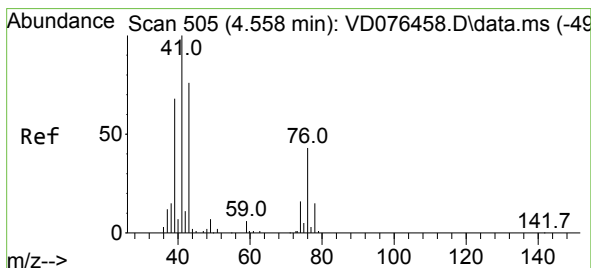
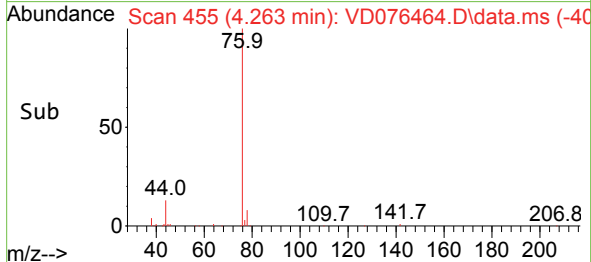
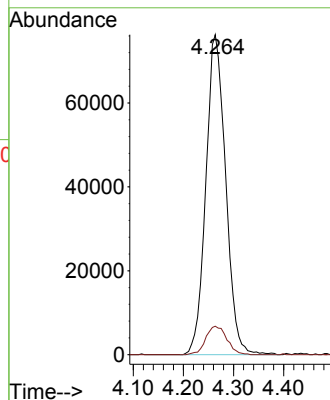
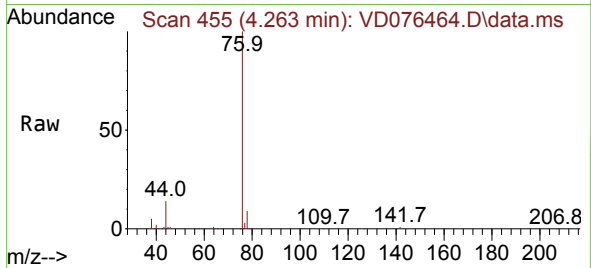




#17
Carbon Disulfide
Concen: 47.271 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

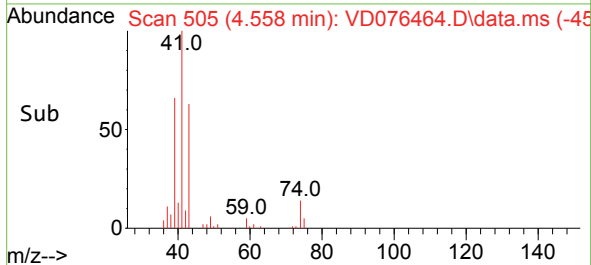
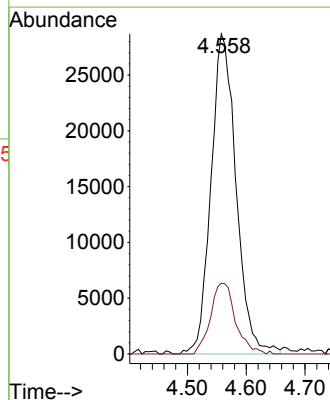
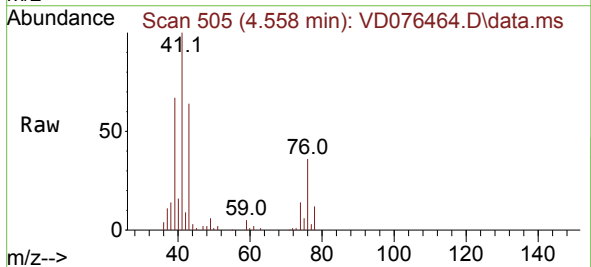
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

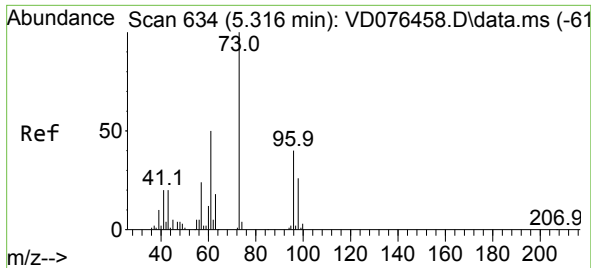
Tgt Ion: 76 Resp: 209639
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 43.619 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 43 Resp: 85013
Ion Ratio Lower Upper
43 100
74 21.9 26.4 39.6#

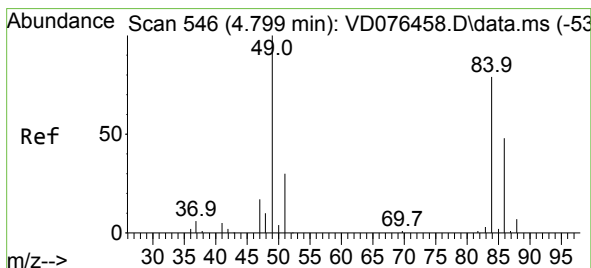
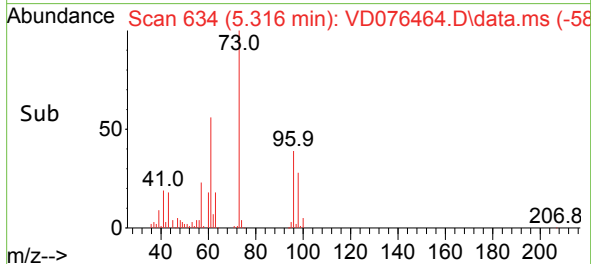
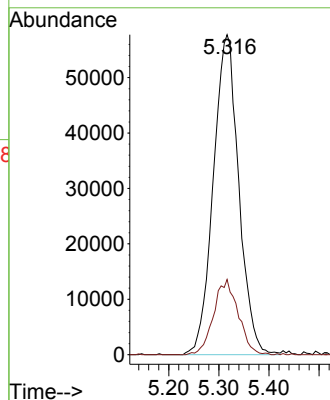
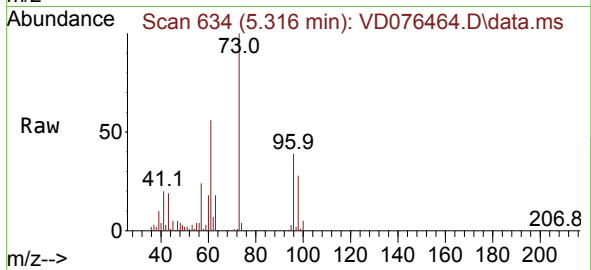




#19
Methyl tert-butyl Ether
Concen: 45.866 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

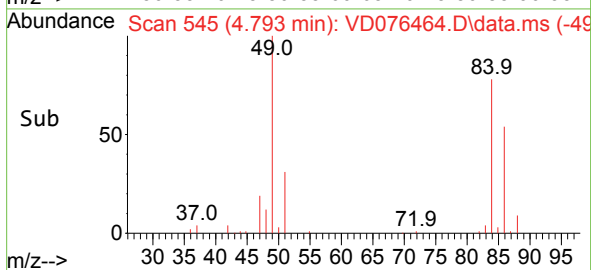
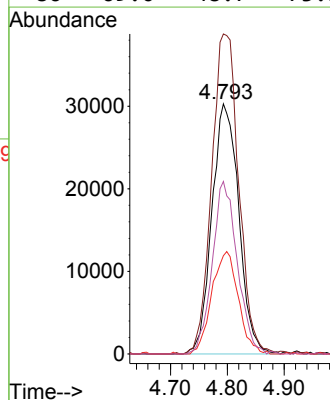
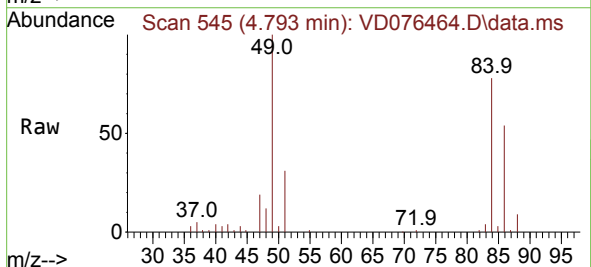
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

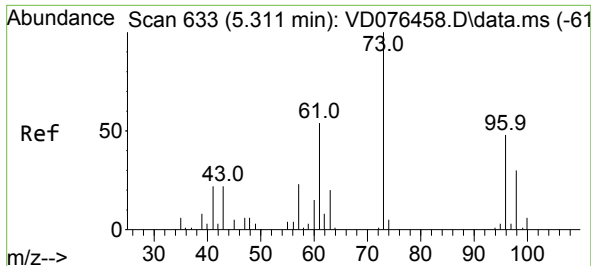
Tgt Ion: 73 Resp: 203635
Ion Ratio Lower Upper
73 100
57 23.5 16.6 25.0



#20
Methylene Chloride
Concen: 40.427 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 84 Resp: 99358
Ion Ratio Lower Upper
84 100
49 128.0 71.4 107.2#
51 39.3 24.5 36.7#
86 69.0 48.7 73.1

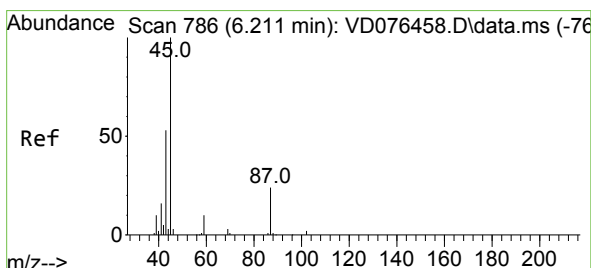
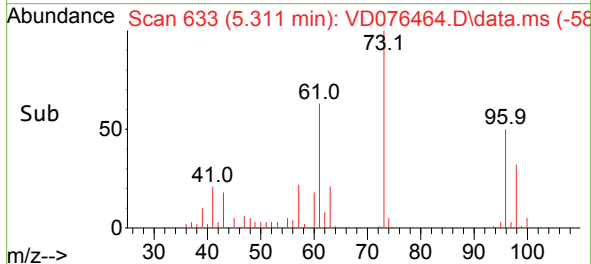
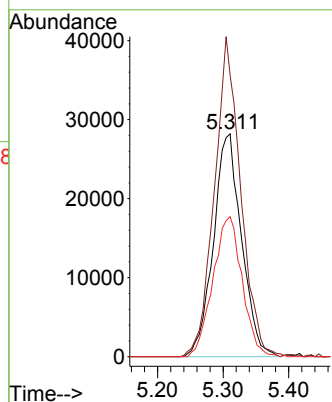
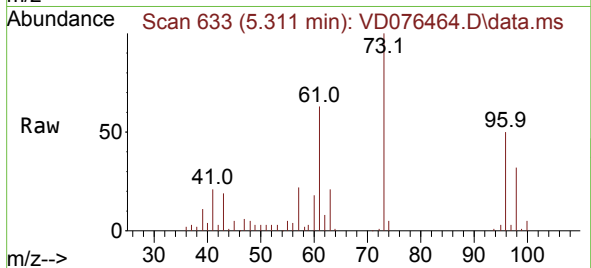




#21
trans-1,2-Dichloroethene
Concen: 44.709 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

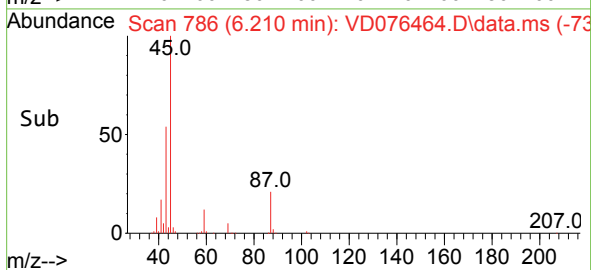
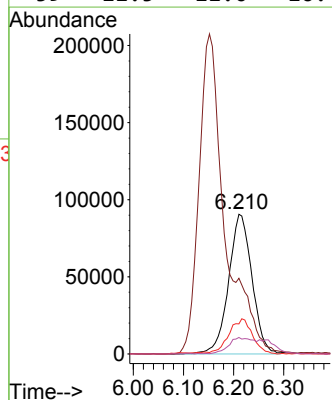
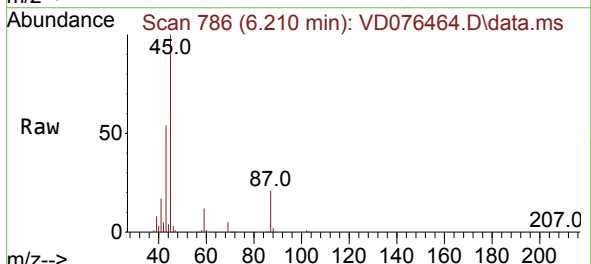
Instrument :
MSVOA_D
ClientSampleId :
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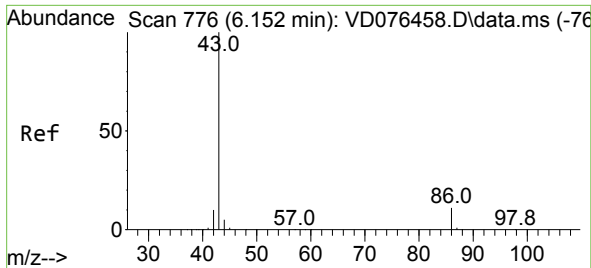
Tgt Ion: 96 Resp: 83874
Ion Ratio Lower Upper
96 100
61 126.3 89.3 133.9
98 62.8 48.6 73.0



#22
Diisopropyl ether
Concen: 45.705 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 45 Resp: 293357
Ion Ratio Lower Upper
45 100
43 53.1 40.0 60.0
87 21.3 28.2 42.4#
59 11.5 11.0 16.4

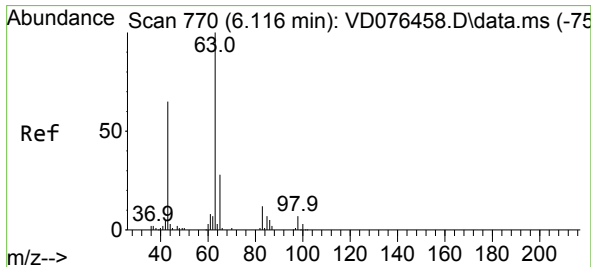
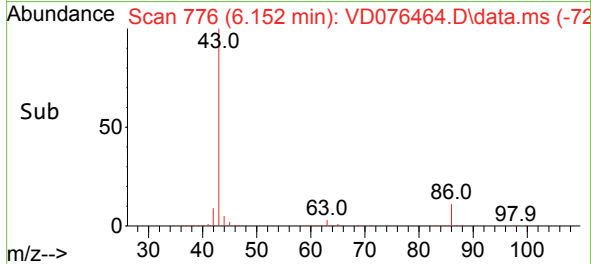
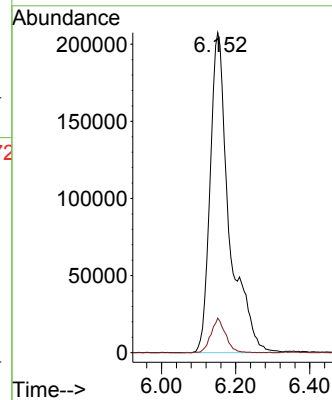
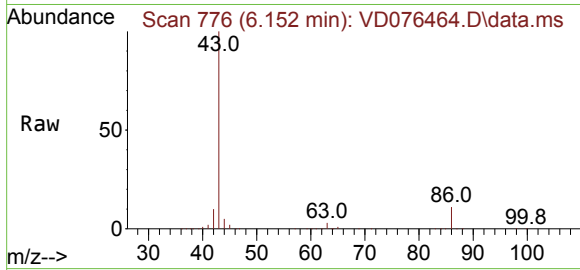




#23
 Vinyl Acetate
 Concen: 234.112 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076464.D
 Acq: 19 Jun 2023 11:22

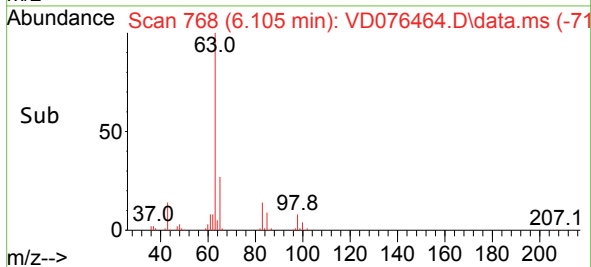
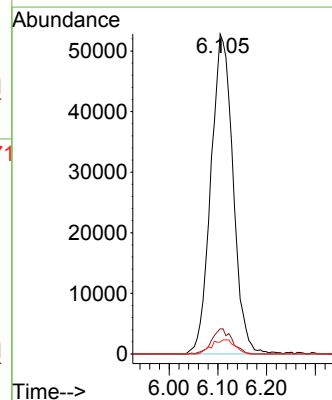
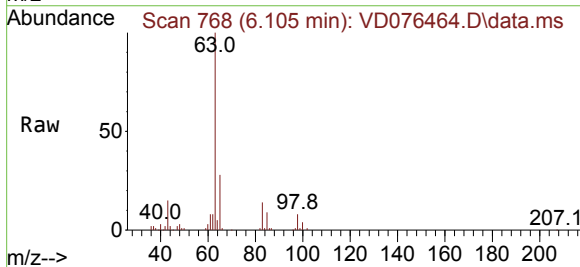
Instrument :
 MSVOA_D
 ClientSampleId :
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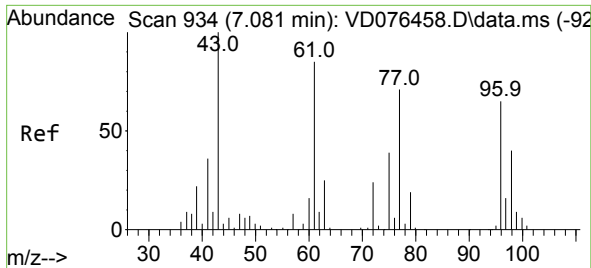
Tgt Ion: 43 Resp: 744824
 Ion Ratio Lower Upper
 43 100
 86 10.8 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 46.424 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.011 min
 Lab File: VD076464.D
 Acq: 19 Jun 2023 11:22

Tgt Ion: 63 Resp: 166392
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.5 13.7
 100 3.7 2.5 7.5

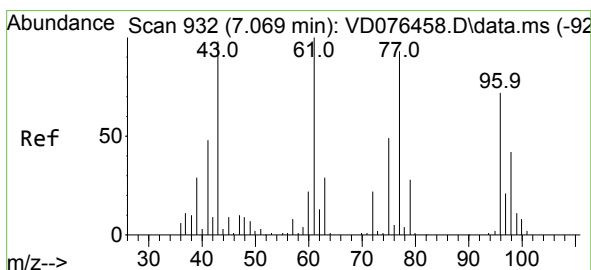
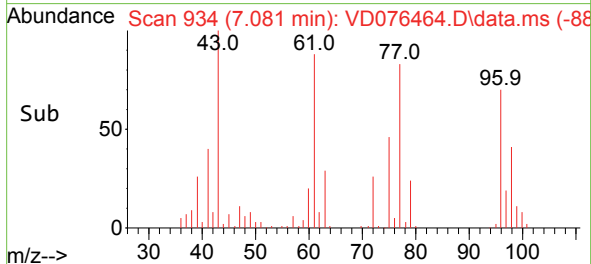
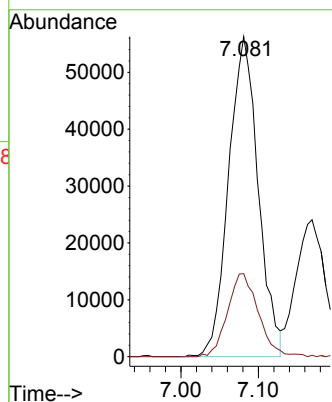
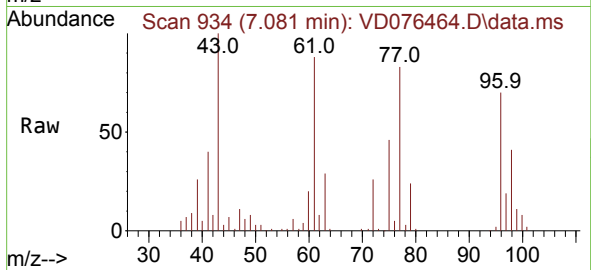




#25
2-Butanone
Concen: 228.493 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

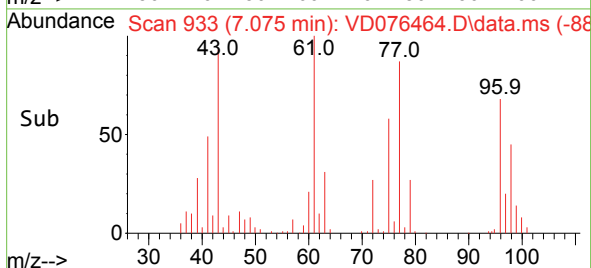
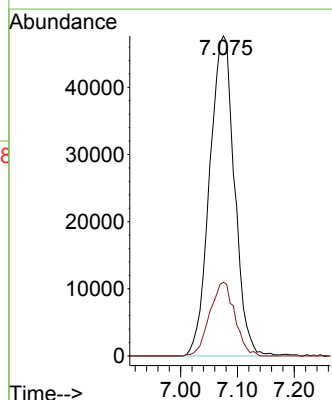
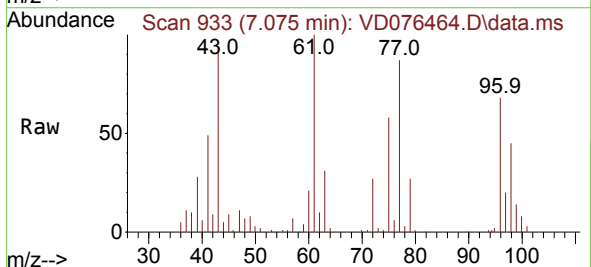
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ClientSampleId :
VSTDCCC050

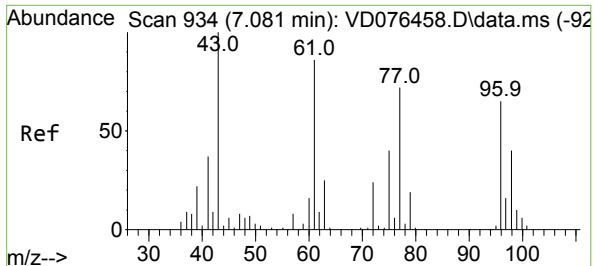
Tgt Ion: 43 Resp: 149460
Ion Ratio Lower Upper
43 100
72 26.0 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 46.852 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.006 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 77 Resp: 144779
Ion Ratio Lower Upper
77 100
97 23.3 13.2 39.6

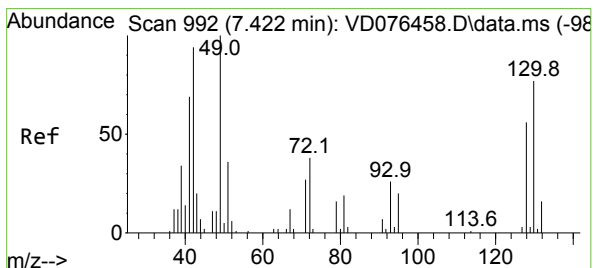
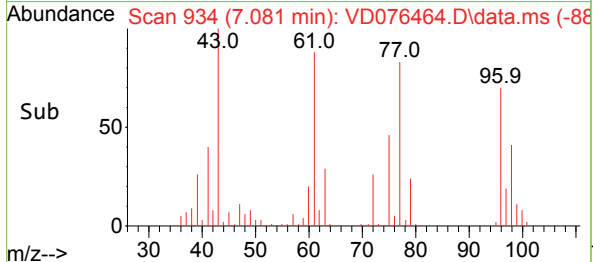
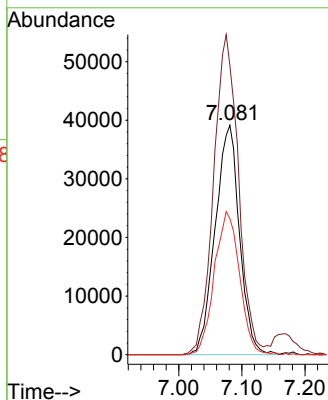
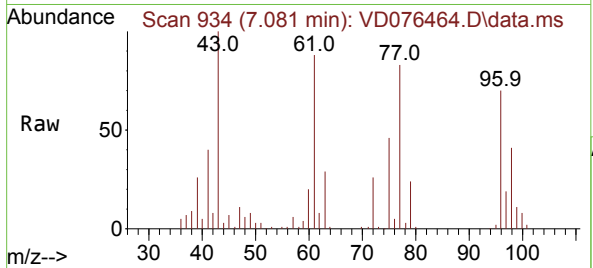




#27
 cis-1,2-Dichloroethene
 Concen: 46.181 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD076464.D
 Acq: 19 Jun 2023 11:22

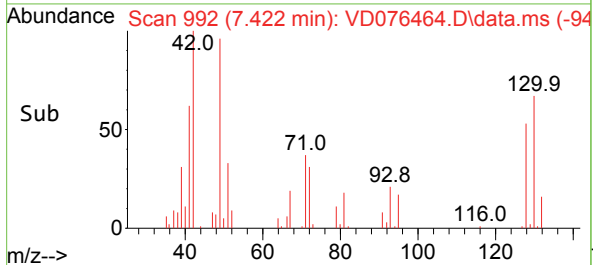
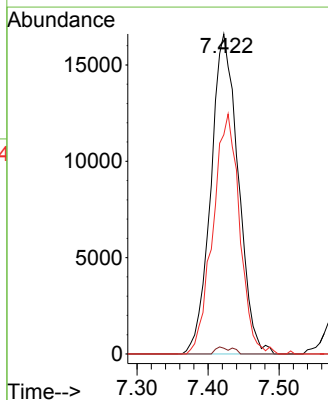
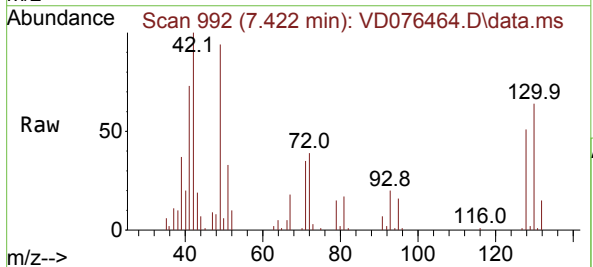
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

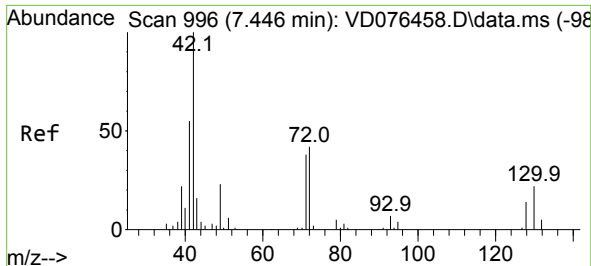
Tgt Ion: 96 Resp: 104851
 Ion Ratio Lower Upper
 96 100
 61 141.8 0.0 239.2
 98 64.6 0.0 128.6



#28
 Bromochloromethane
 Concen: 42.710 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076464.D
 Acq: 19 Jun 2023 11:22

Tgt Ion: 49 Resp: 44409
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 6.0
 130 73.0 83.2 124.8#

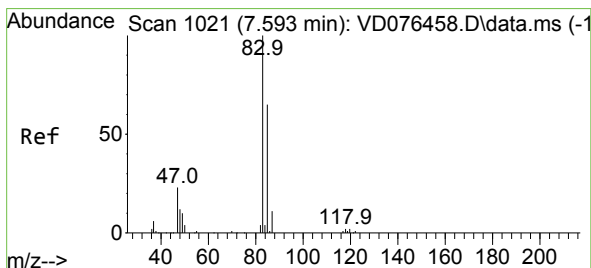
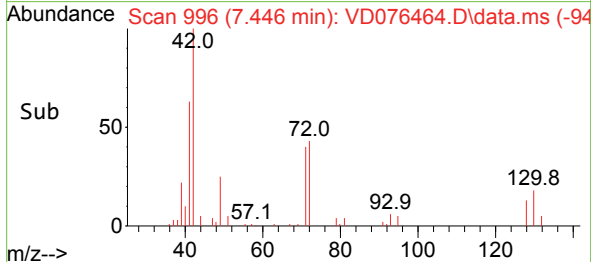
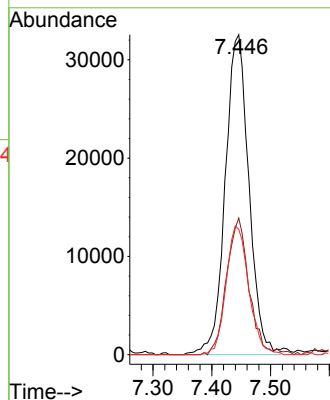
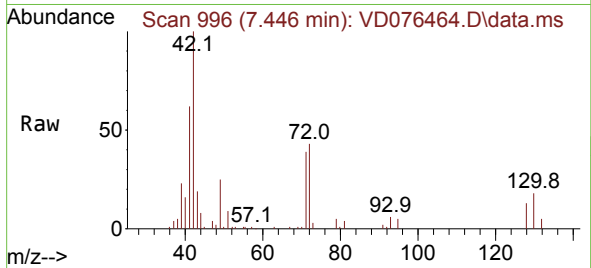




#29
Tetrahydrofuran
Concen: 216.290 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

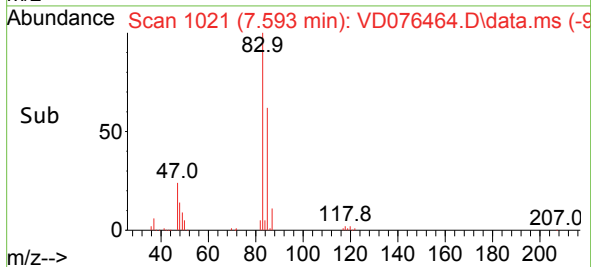
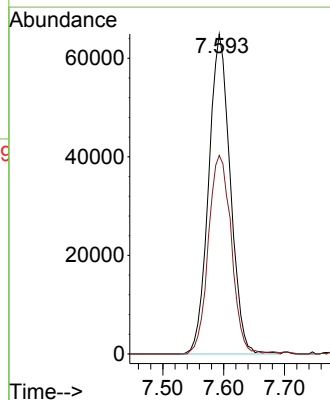
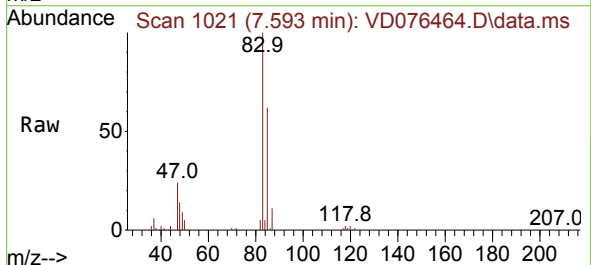
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

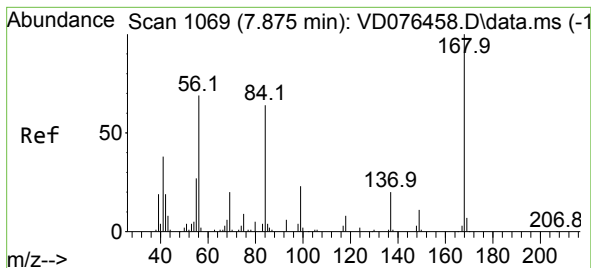
Tgt Ion: 42 Resp: 90921
Ion Ratio Lower Upper
42 100
72 40.1 46.5 69.7#
71 38.7 44.5 66.7#



#30
Chloroform
Concen: 45.026 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 83 Resp: 159794
Ion Ratio Lower Upper
83 100
85 62.0 53.4 80.2





#31

Cyclohexane

Concen: 49.159 ug/l

RT: 7.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076464.D

Acq: 19 Jun 2023 11:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

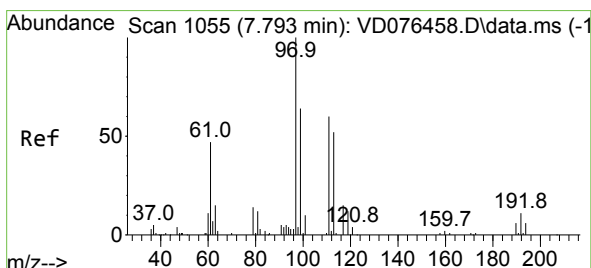
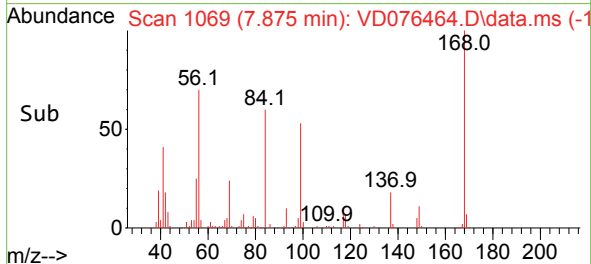
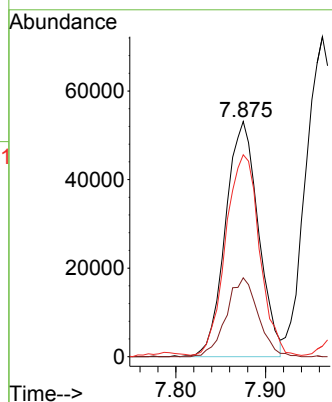
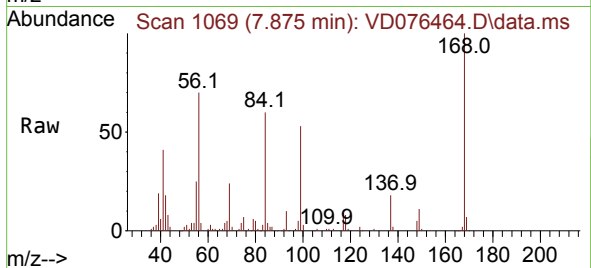
Tgt Ion: 56 Resp: 135365

Ion Ratio Lower Upper

56 100

69 32.9 28.6 43.0

84 84.7 84.8 127.2#



#32

1,1,1-Trichloroethane

Concen: 46.921 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD076464.D

Acq: 19 Jun 2023 11:22

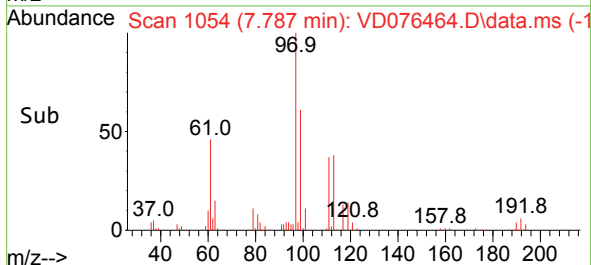
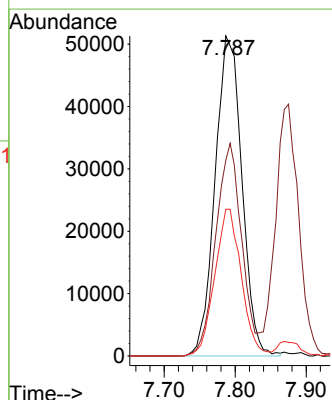
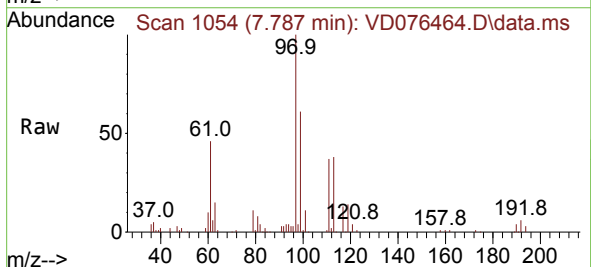
Tgt Ion: 97 Resp: 134605

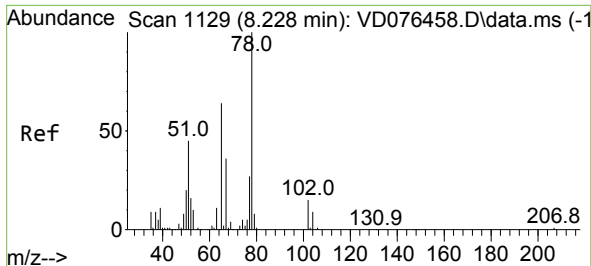
Ion Ratio Lower Upper

97 100

99 64.4 52.0 78.0

61 45.6 33.8 50.8

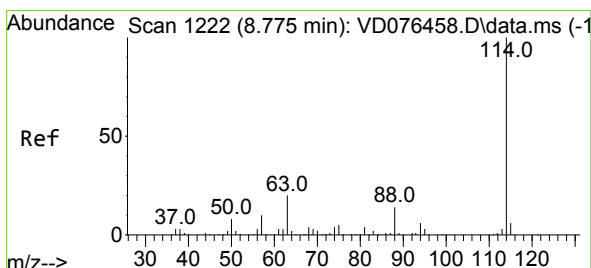
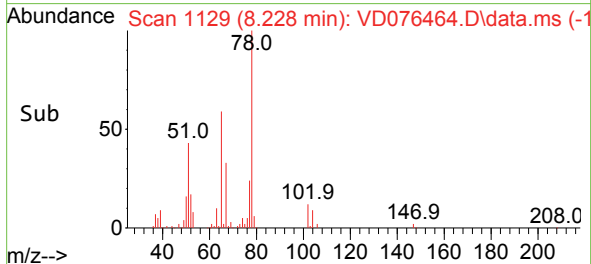
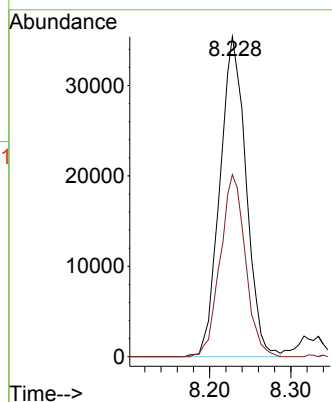
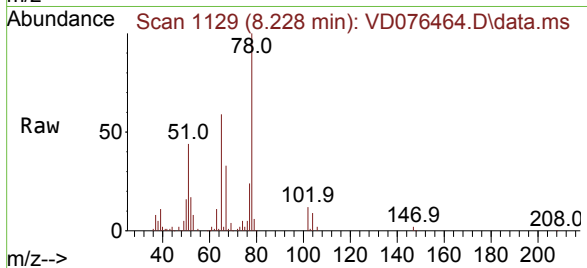




#33
 1,2-Dichloroethane-d4
 Concen: 44.514 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VD076464.D
 Acq: 19 Jun 2023 11:22

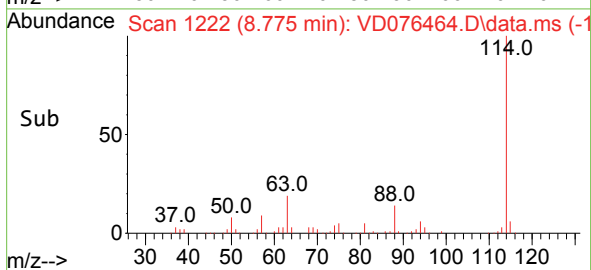
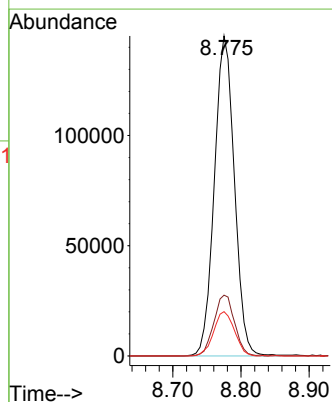
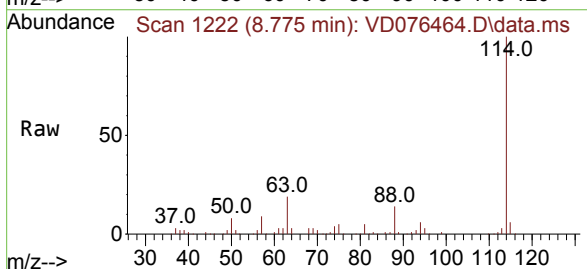
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

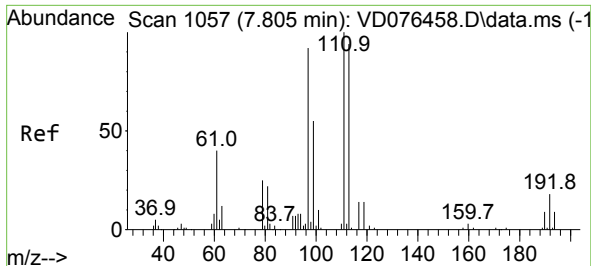
Tgt Ion: 65 Resp: 79111
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: VD076464.D
 Acq: 19 Jun 2023 11:22

Tgt Ion: 114 Resp: 296972
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 33.4
 88 13.8 0.0 26.2

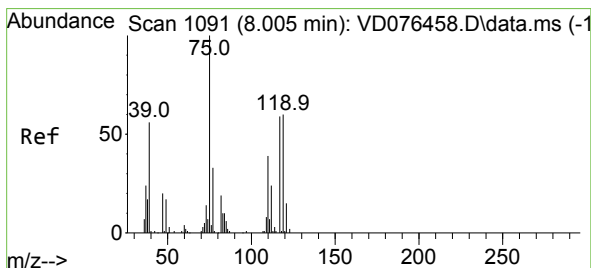
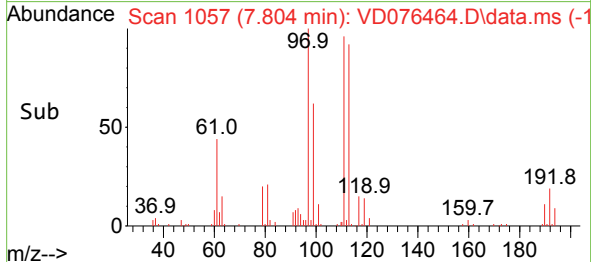
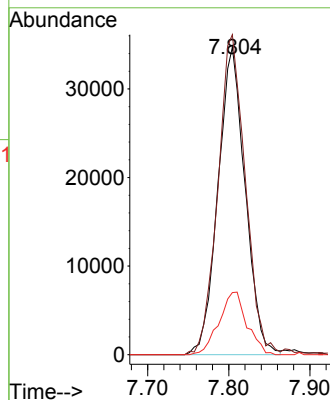
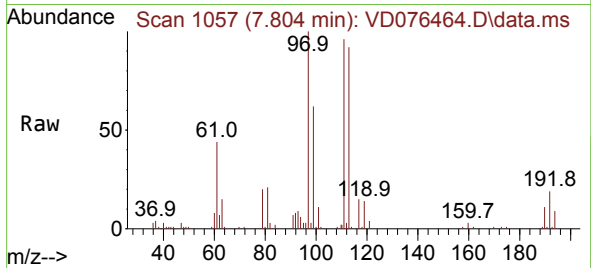




#35
Dibromofluoromethane
Concen: 45.753 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

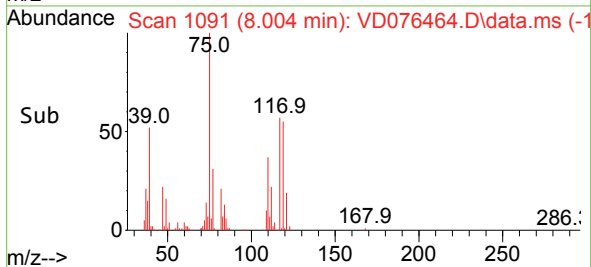
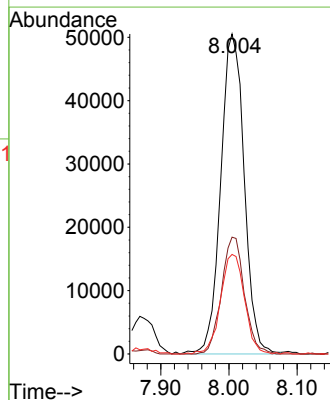
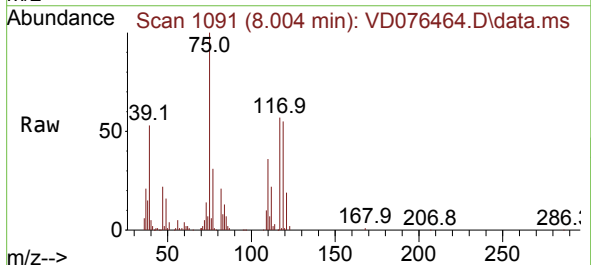
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

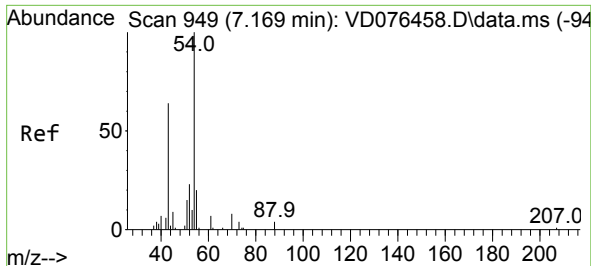
Tgt Ion:113 Resp: 80718
Ion Ratio Lower Upper
113 100
111 104.9 84.7 127.1
192 20.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 49.062 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 75 Resp: 121211
Ion Ratio Lower Upper
75 100
110 35.6 19.9 59.6
77 31.7 24.7 37.1

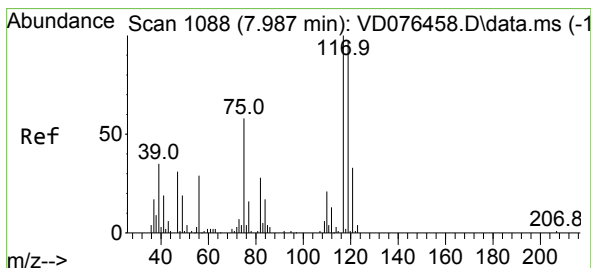
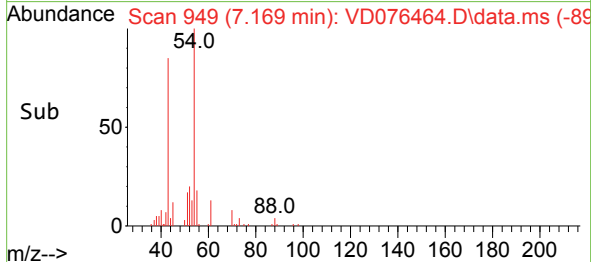
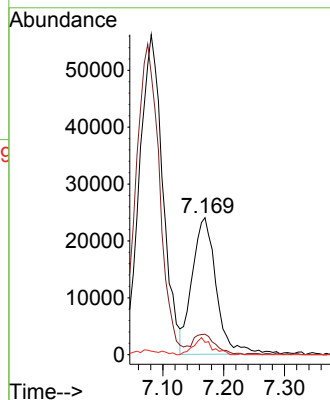
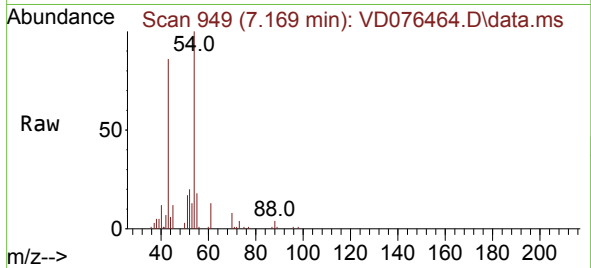




#37
Ethyl Acetate
Concen: 46.119 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

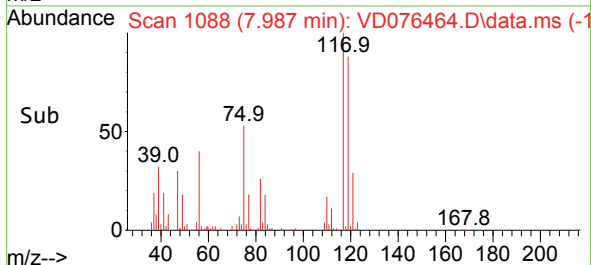
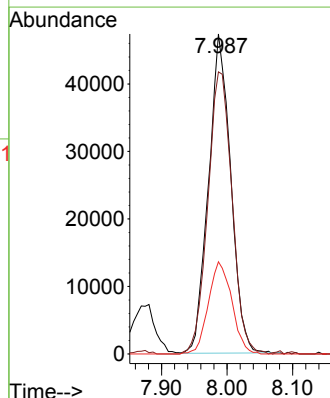
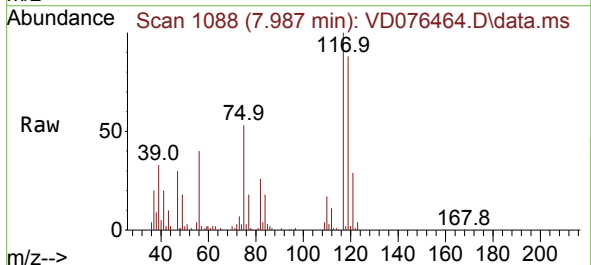
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

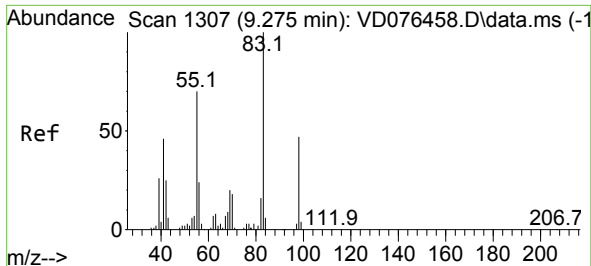
Tgt Ion: 43 Resp: 66024
Ion Ratio Lower Upper
43 100
61 14.8 14.9 22.3#
70 9.2 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 50.407 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 117 Resp: 111308
Ion Ratio Lower Upper
117 100
119 88.5 78.0 117.0
121 28.9 24.2 36.2

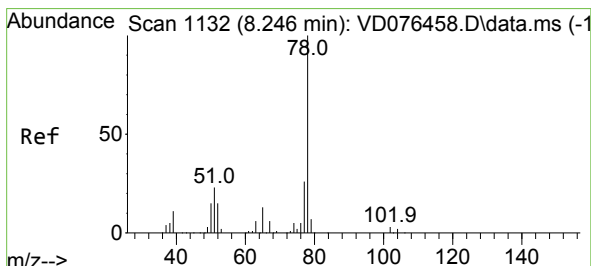
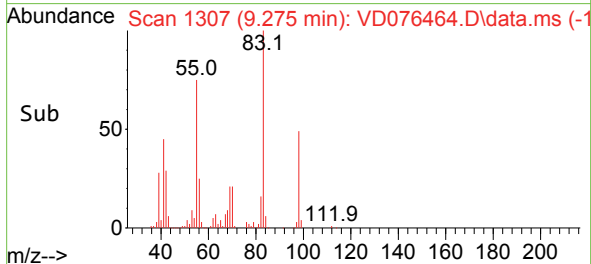
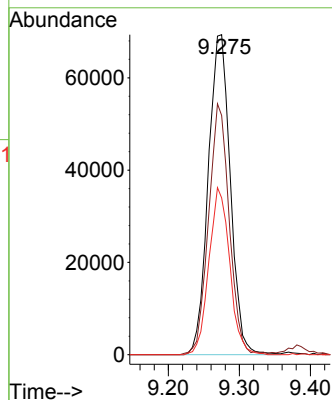
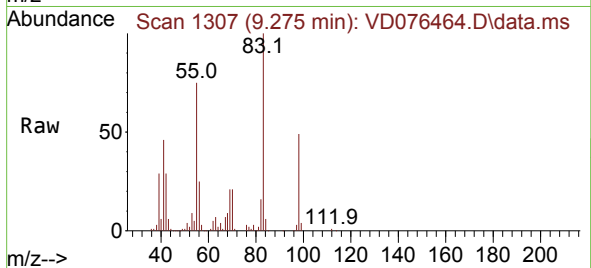




#39
Methylcyclohexane
Concen: 51.533 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

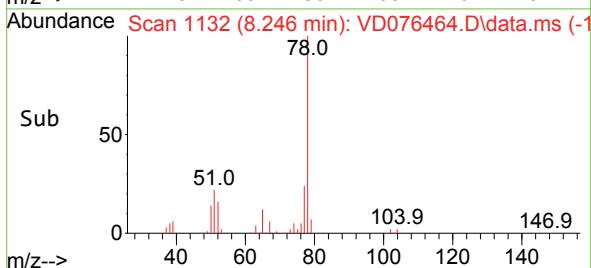
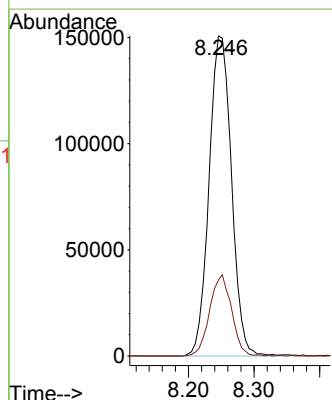
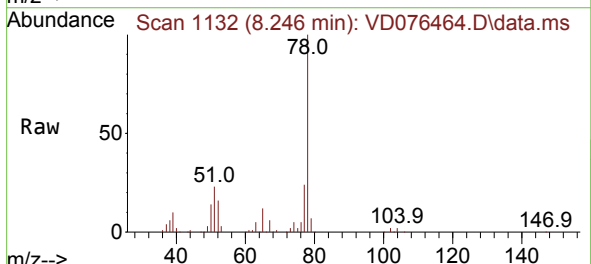
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

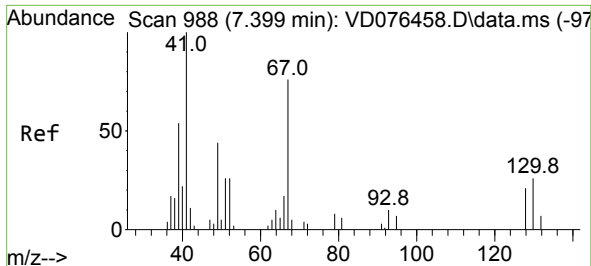
Tgt Ion: 83 Resp: 149408
Ion Ratio Lower Upper
83 100
55 74.8 49.4 74.0#
98 49.0 38.4 57.6



#40
Benzene
Concen: 47.476 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 78 Resp: 357686
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0

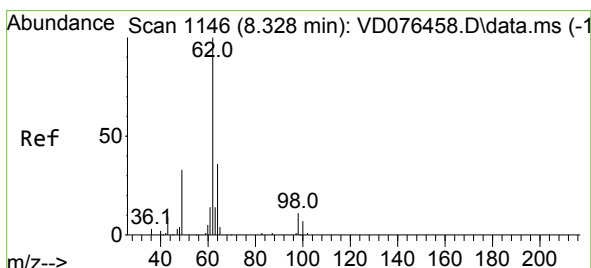
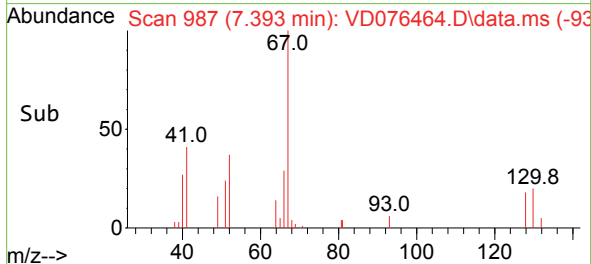
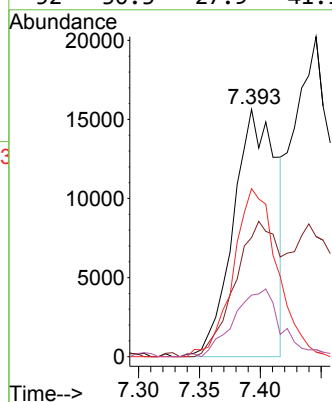
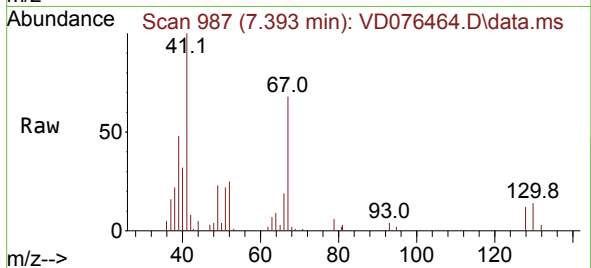




#41
Methacrylonitrile
Concen: 47.502 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

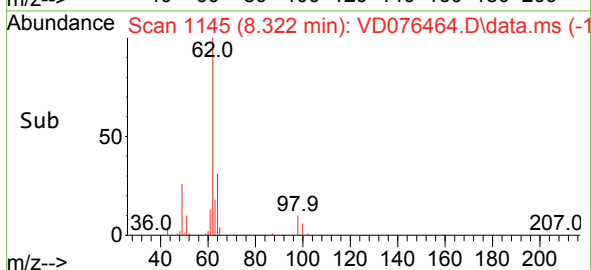
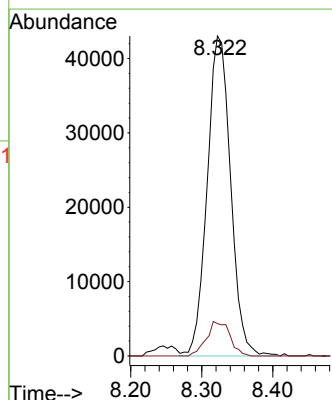
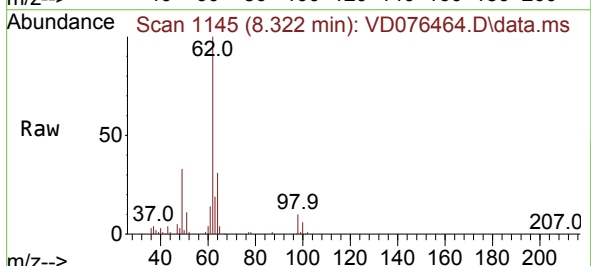
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

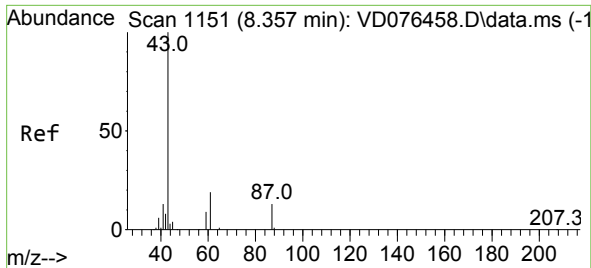
Tgt Ion:	41	Resp:	38401
Ion	Ratio	Lower	Upper
41	100		
39	60.1	34.0	51.0#
67	69.7	77.0	115.4#
52	30.3	27.9	41.9



#42
1,2-Dichloroethane
Concen: 48.496 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion:	62	Resp:	98726
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	25.4

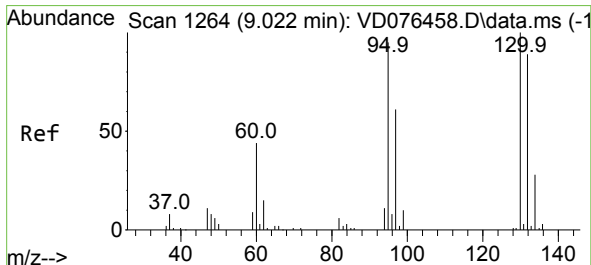
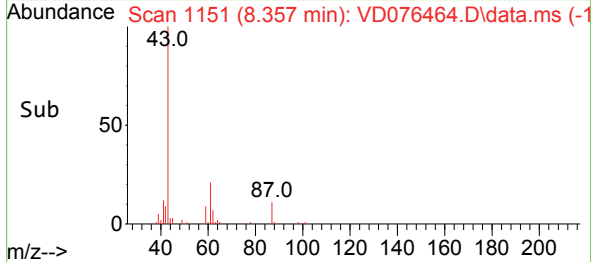
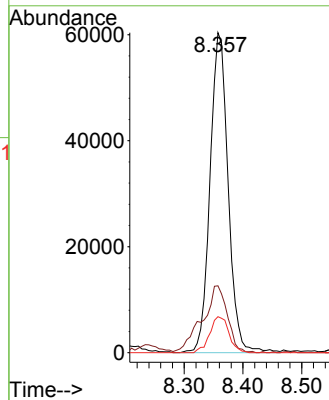
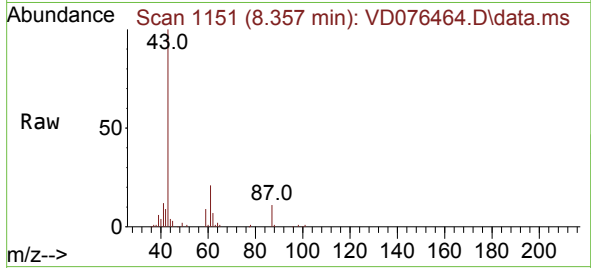




#43
Isopropyl Acetate
Concen: 47.635 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

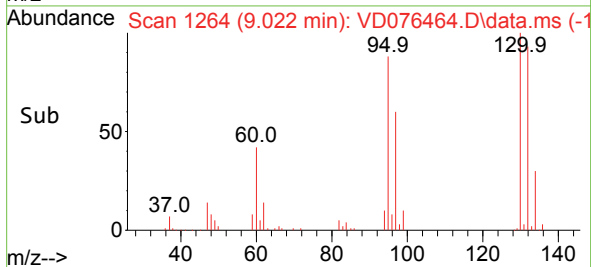
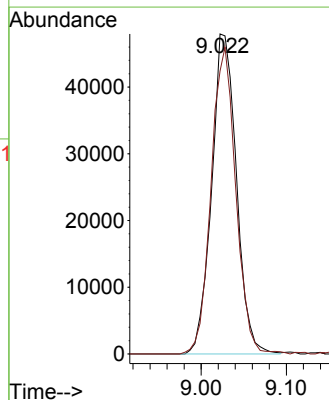
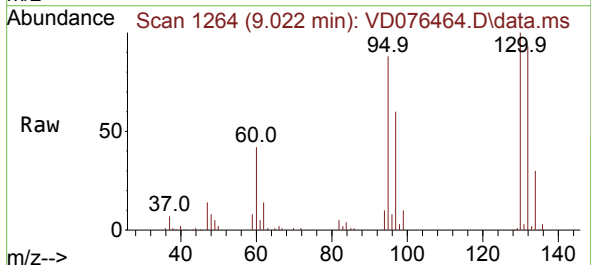
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

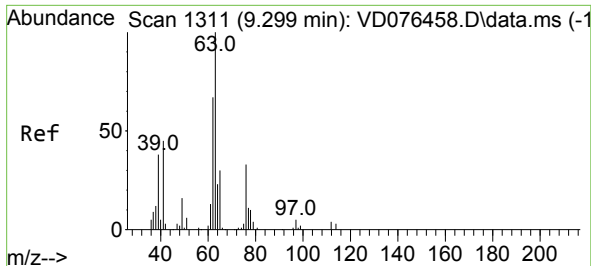
Tgt Ion: 43 Resp: 129106
Ion Ratio Lower Upper
43 100
61 29.1 31.4 47.0#
87 11.9 14.9 22.3#



#44
Trichloroethene
Concen: 47.693 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion:130 Resp: 96929
Ion Ratio Lower Upper
130 100
95 88.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 47.975 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076464.D

Acq: 19 Jun 2023 11:22

Instrument :

MSVOA_D

ClientSampleId :

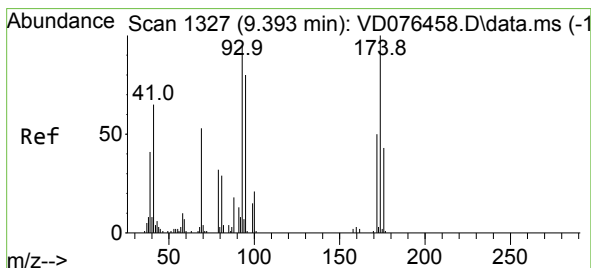
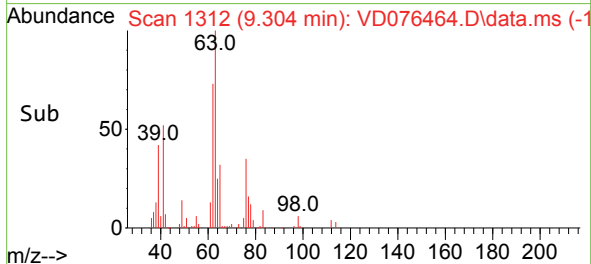
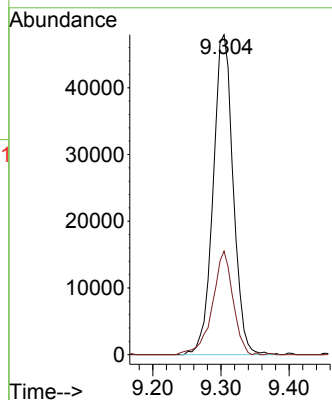
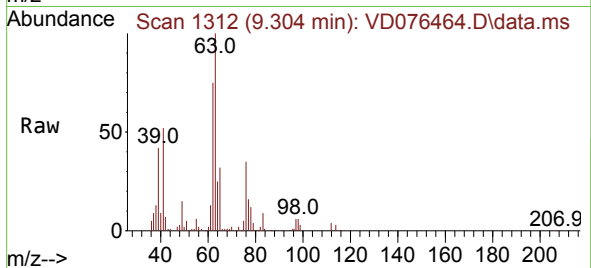
VSTDCCC050

Tgt Ion: 63 Resp: 98001

Ion Ratio Lower Upper

63 100

65 32.3 24.5 36.7



#46

Dibromomethane

Concen: 46.248 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD076464.D

Acq: 19 Jun 2023 11:22

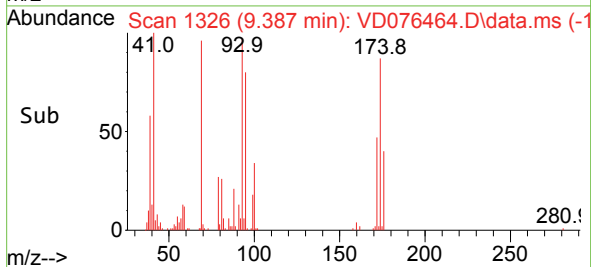
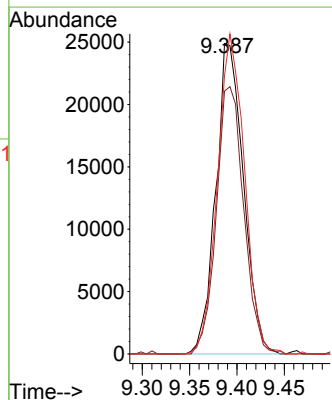
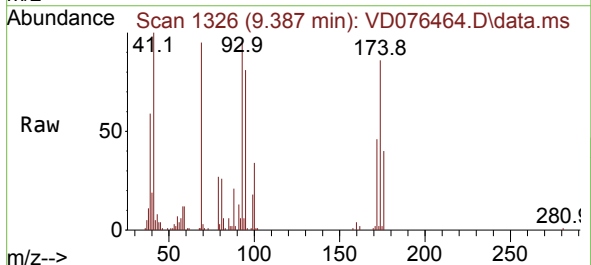
Tgt Ion: 93 Resp: 50609

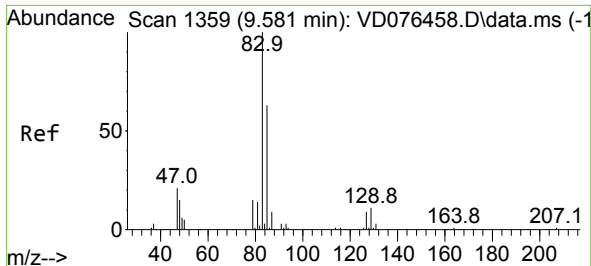
Ion Ratio Lower Upper

93 100

95 85.4 67.7 101.5

174 100.8 85.4 128.2

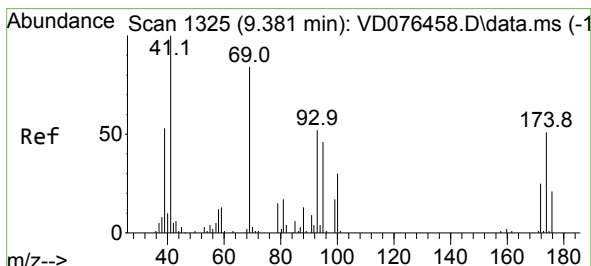
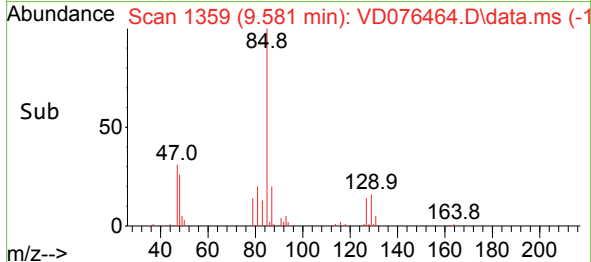
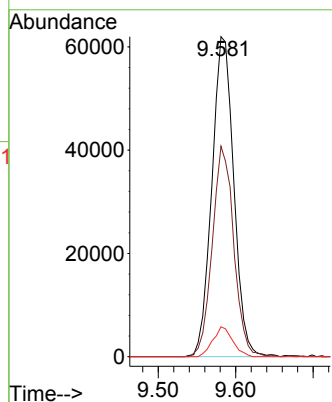
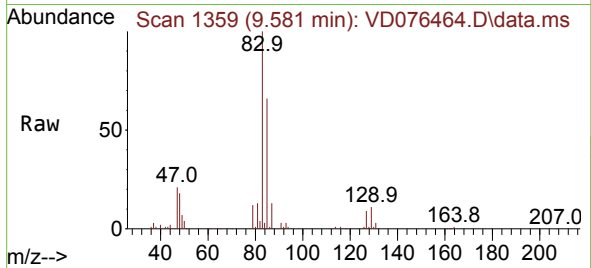




#47
Bromodichloromethane
Concen: 46.476 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

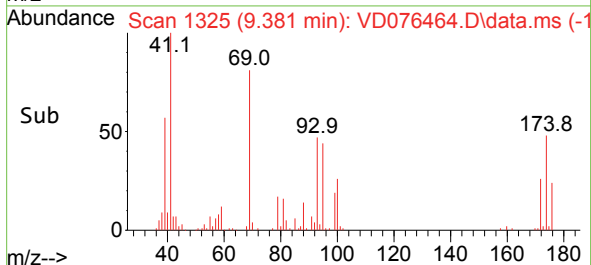
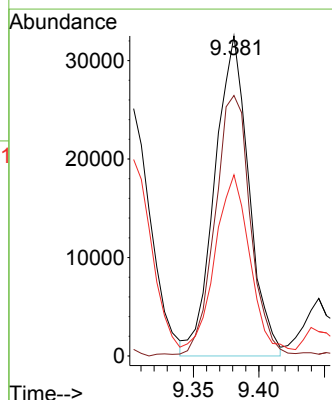
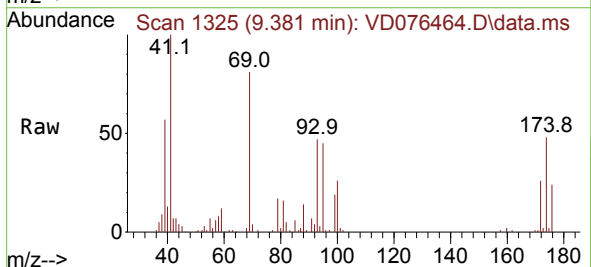
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

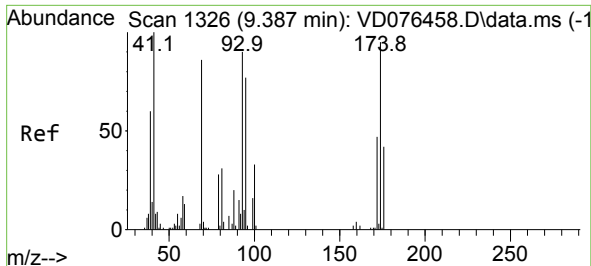
Tgt Ion: 83 Resp: 121705
Ion Ratio Lower Upper
83 100
85 65.8 50.2 75.4
127 9.4 6.3 9.5



#48
Methyl methacrylate
Concen: 47.330 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 41 Resp: 58795
Ion Ratio Lower Upper
41 100
69 84.8 102.2 153.2#
39 55.1 41.4 62.2





#49

1,4-Dioxane

Concen: 911.208 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076464.D

Acq: 19 Jun 2023 11:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

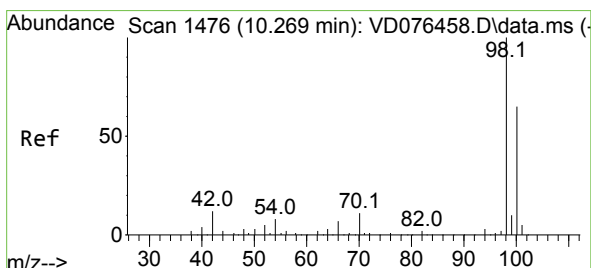
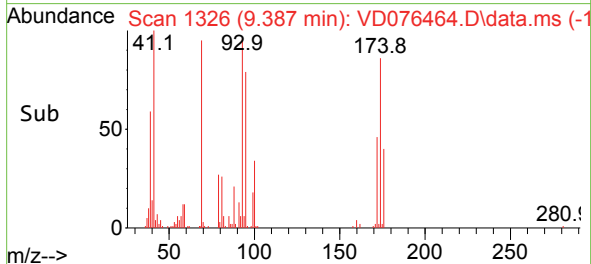
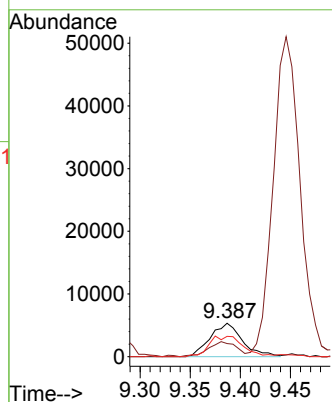
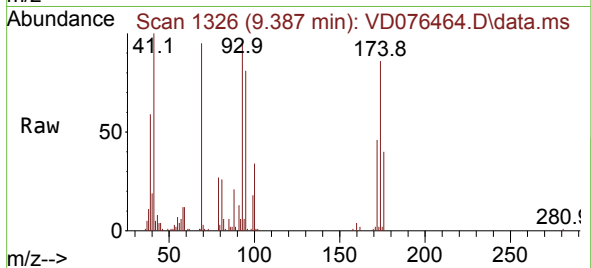
Tgt Ion: 88 Resp: 11947

Ion Ratio Lower Upper

88 100

43 38.7 19.0 28.6#

58 64.8 43.5 65.3



#50

Toluene-d8

Concen: 45.445 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076464.D

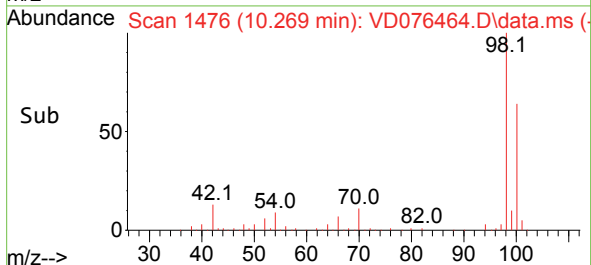
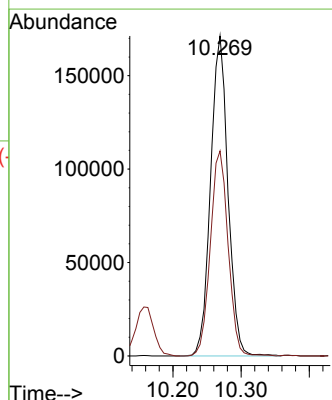
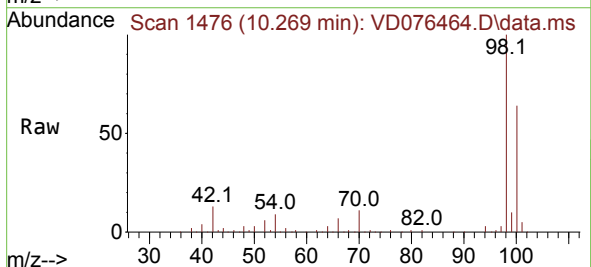
Acq: 19 Jun 2023 11:22

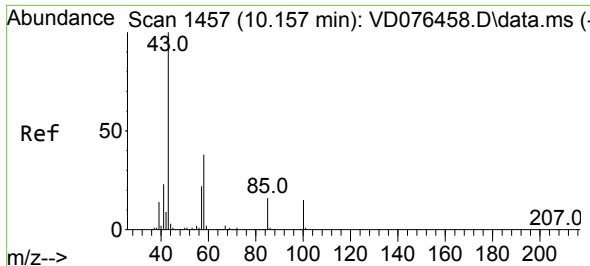
Tgt Ion: 98 Resp: 304060

Ion Ratio Lower Upper

98 100

100 65.4 50.3 75.5

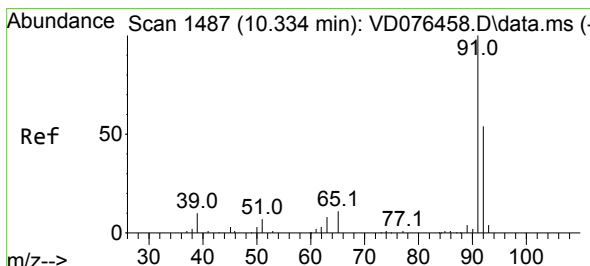
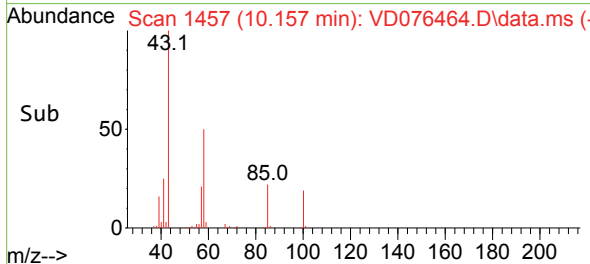
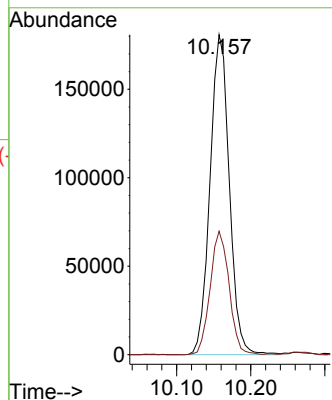
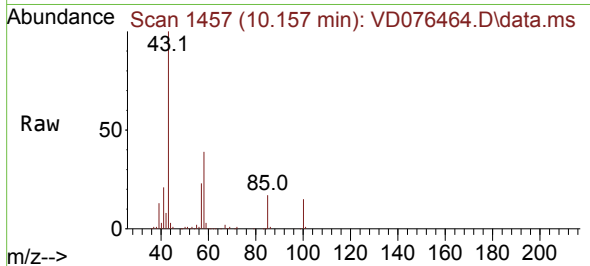




#51
4-Methyl-2-Pentanone
Concen: 236.009 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

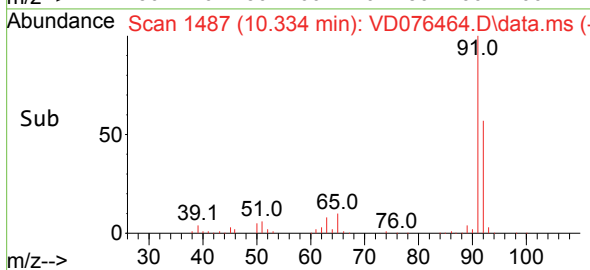
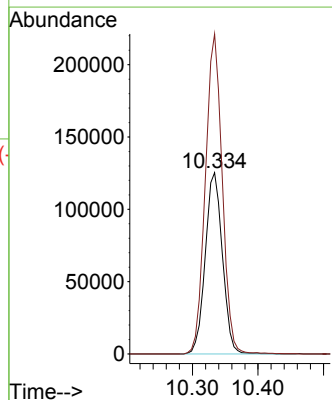
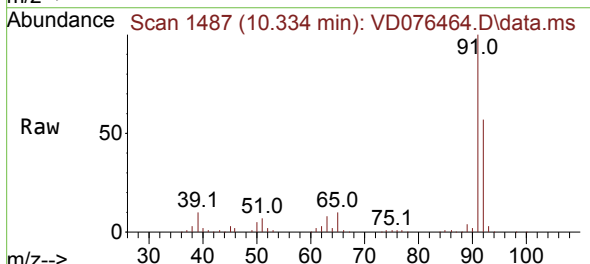
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

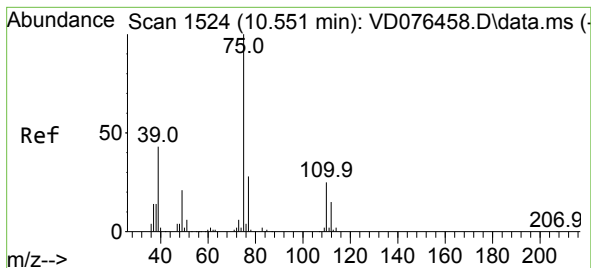
Tgt Ion: 43 Resp: 326978
Ion Ratio Lower Upper
43 100
58 37.9 38.9 58.3#



#52
Toluene
Concen: 48.186 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 92 Resp: 227815
Ion Ratio Lower Upper
92 100
91 173.9 143.0 214.4

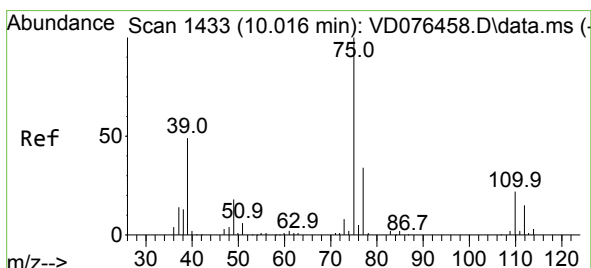
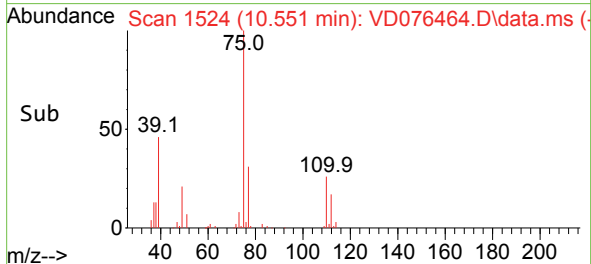
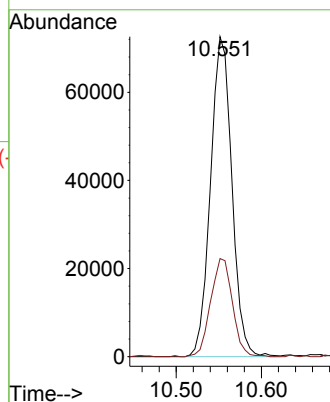
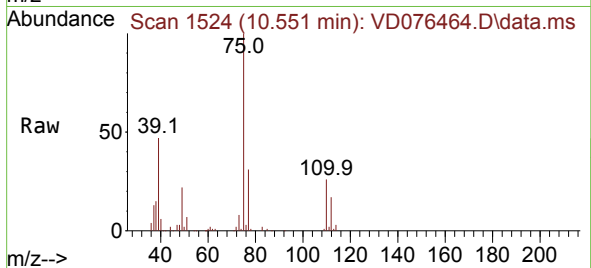




#53
t-1,3-Dichloropropene
Concen: 47.635 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

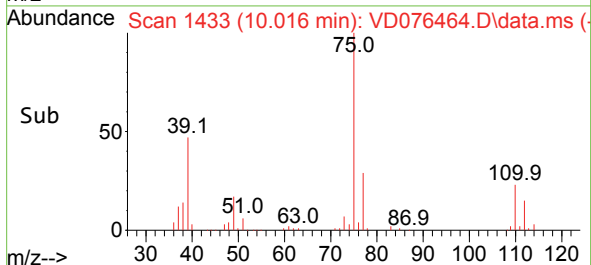
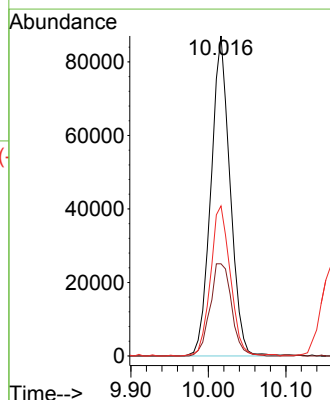
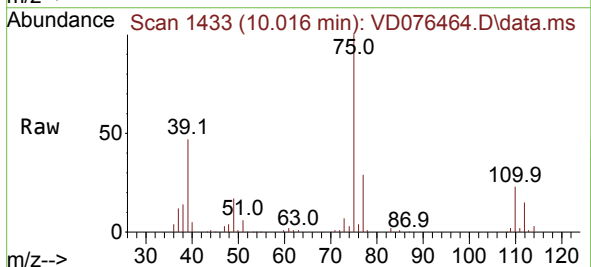
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

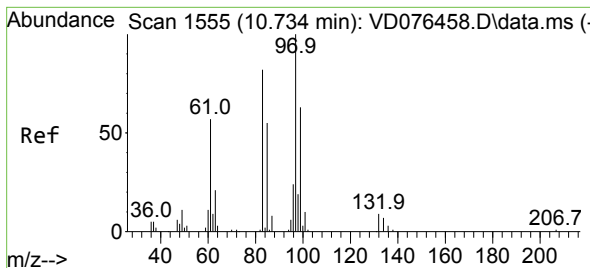
Tgt Ion: 75 Resp: 126579
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 47.405 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 75 Resp: 149345
Ion Ratio Lower Upper
75 100
77 28.8 25.5 38.3
39 46.9 22.1 33.1#

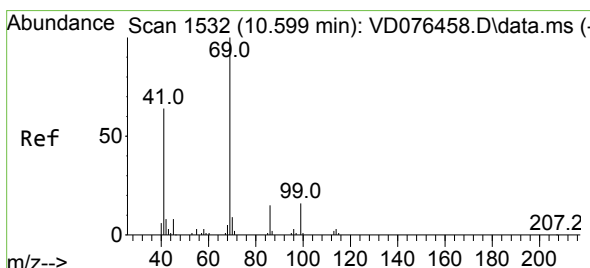
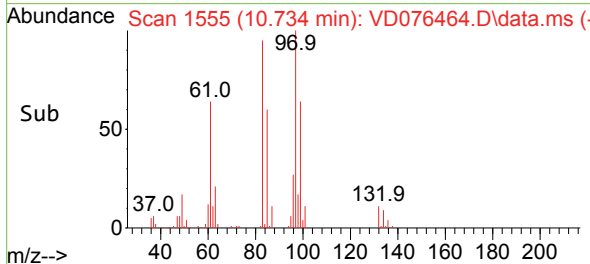
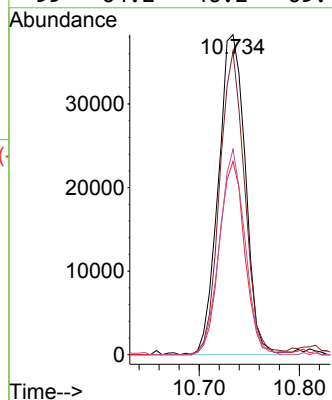
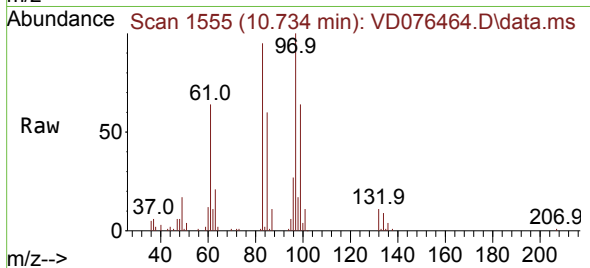




#55
1,1,2-Trichloroethane
Concen: 46.669 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

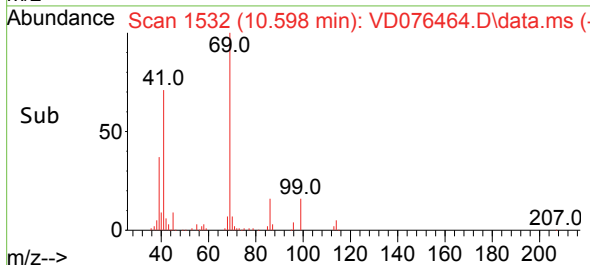
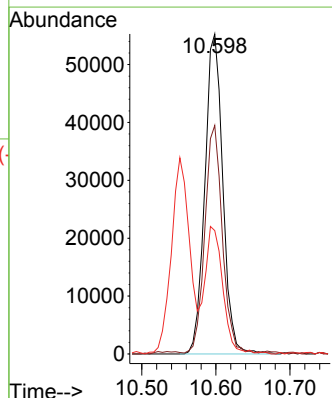
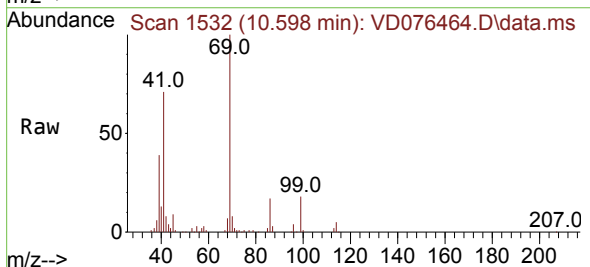
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

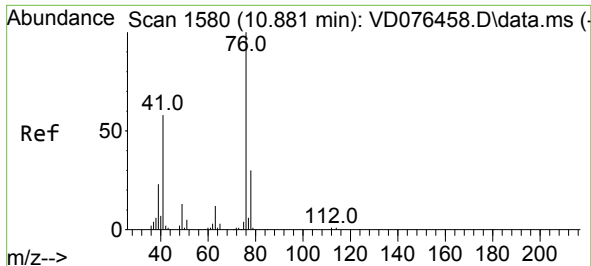
Tgt Ion:	97	Resp:	71435
Ion	Ratio	Lower	Upper
97	100		
83	94.7	65.8	98.6
85	60.4	45.7	68.5
99	64.2	46.2	69.4



#56
Ethyl methacrylate
Concen: 46.606 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion:	69	Resp:	93148
Ion	Ratio	Lower	Upper
69	100		
41	69.1	39.1	58.7#
39	40.1	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 46.019 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076464.D

Acq: 19 Jun 2023 11:22

Instrument :

MSVOA_D

ClientSampleId :

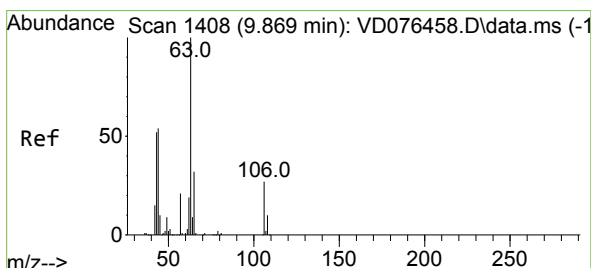
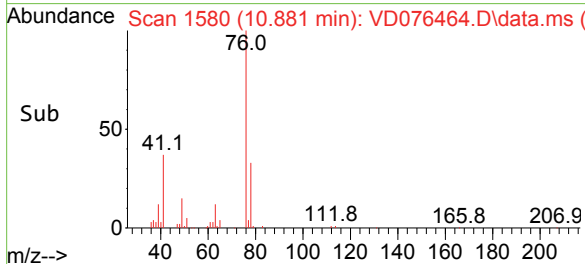
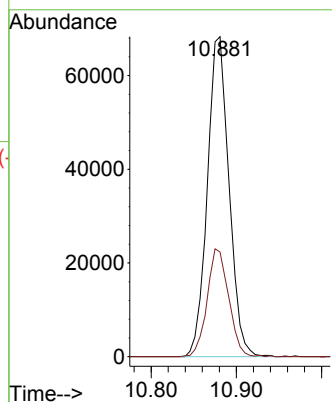
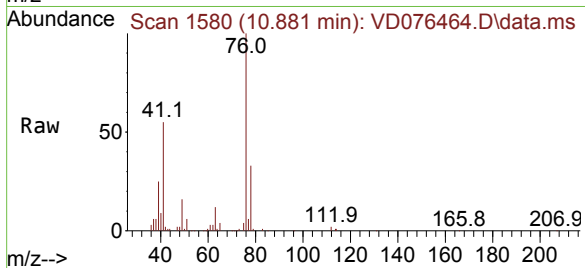
VSTDCCC050

Tgt Ion: 76 Resp: 120603

Ion Ratio Lower Upper

76 100

78 33.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 227.533 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076464.D

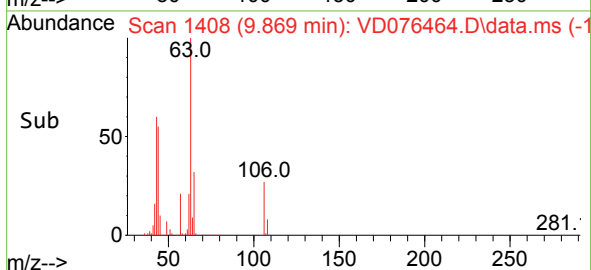
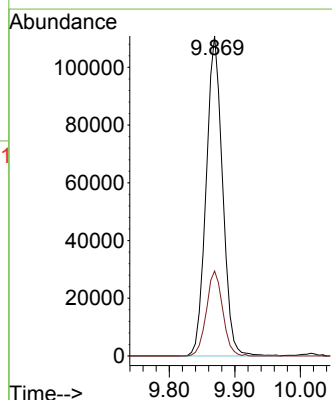
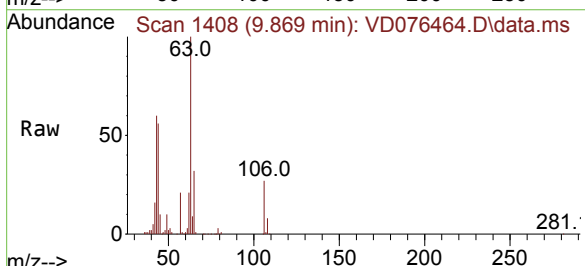
Acq: 19 Jun 2023 11:22

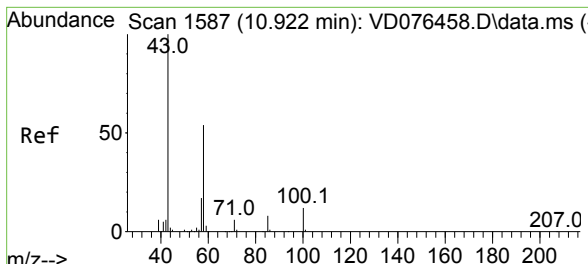
Tgt Ion: 63 Resp: 192797

Ion Ratio Lower Upper

63 100

106 26.4 25.3 37.9

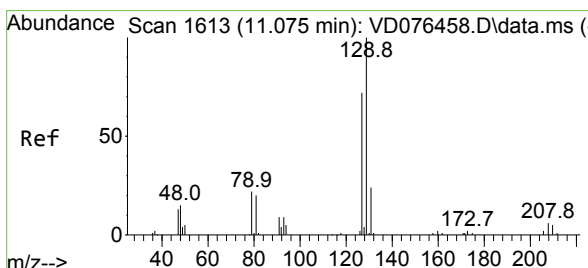
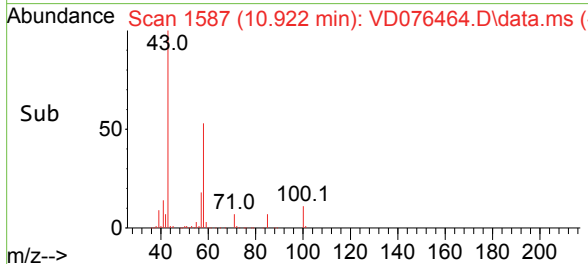
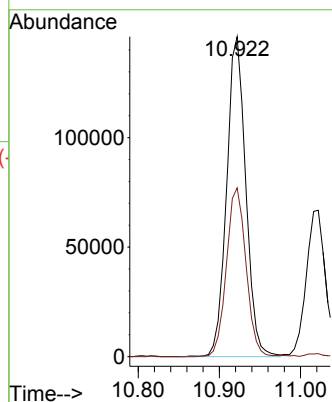
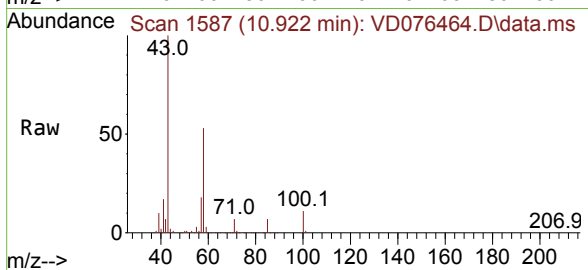




#59
2-Hexanone
Concen: 248.274 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

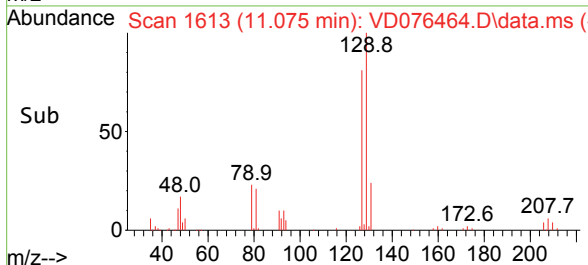
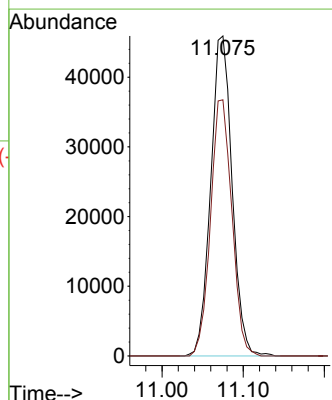
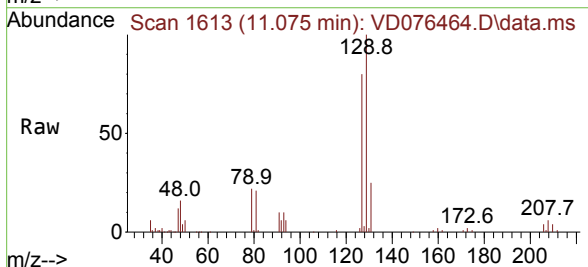
Instrument : MSVOA_D
ClientSampleId : VSTDCCC050

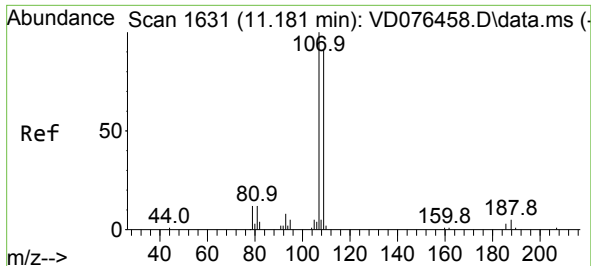
Tgt Ion: 43 Resp: 239267
Ion Ratio Lower Upper
43 100
58 54.3 34.1 102.2



#60
Dibromochloromethane
Concen: 47.239 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion:129 Resp: 84150
Ion Ratio Lower Upper
129 100
127 79.6 37.1 111.5

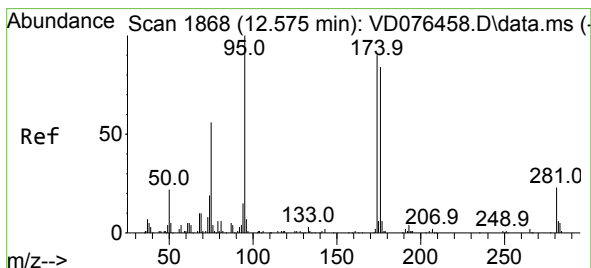
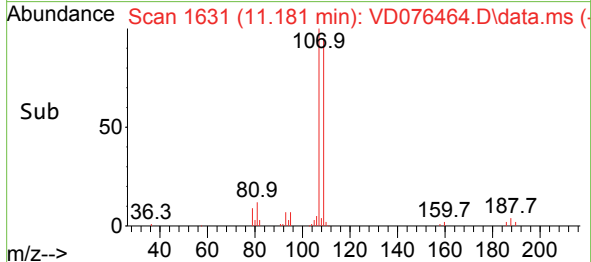
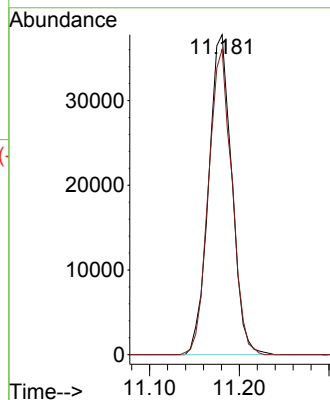
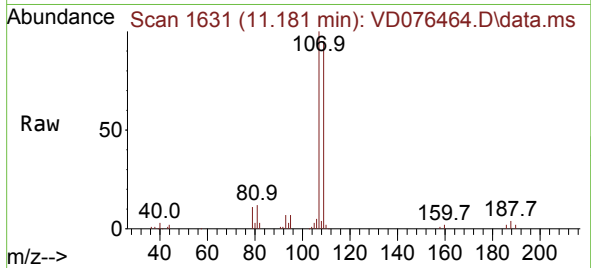




#61
1,2-Dibromoethane
Concen: 47.114 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

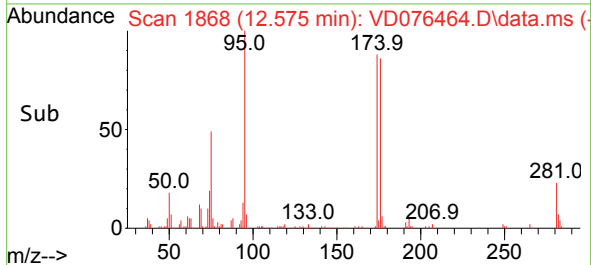
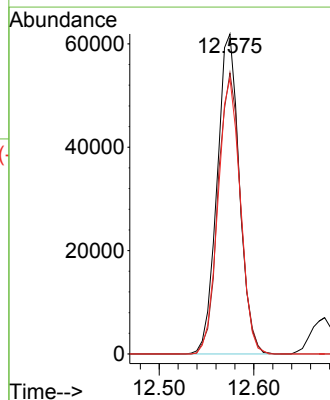
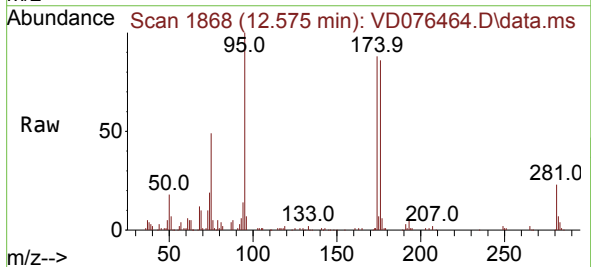
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

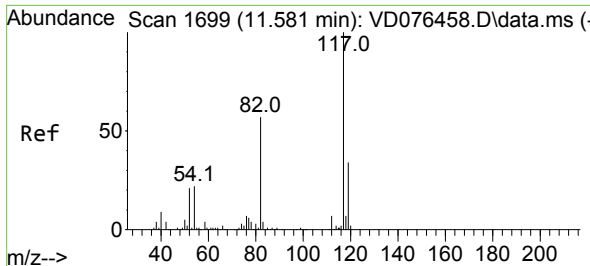
Tgt Ion:107 Resp: 67698
Ion Ratio Lower Upper
107 100
109 96.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.612 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 95 Resp: 101215
Ion Ratio Lower Upper
95 100
174 87.9 0.0 201.8
176 86.1 0.0 191.8

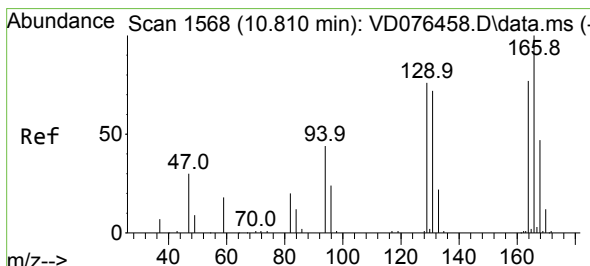
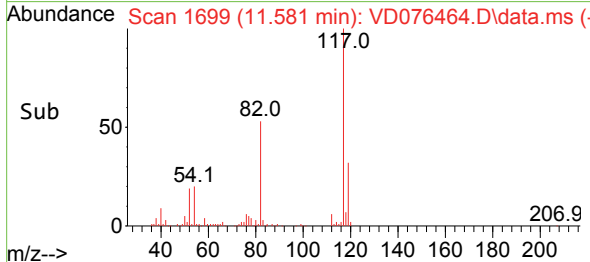
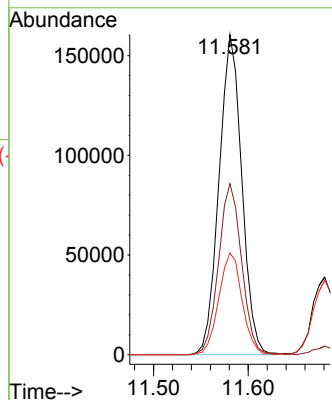
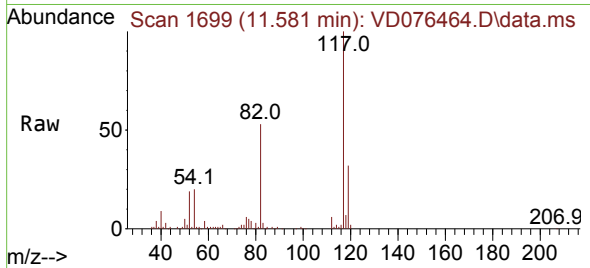




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

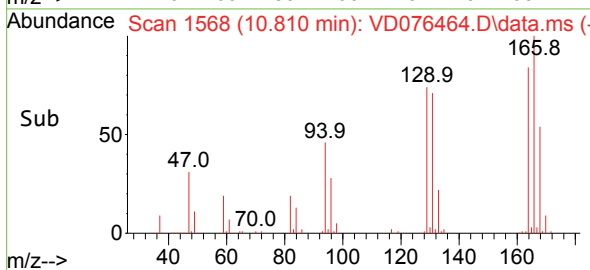
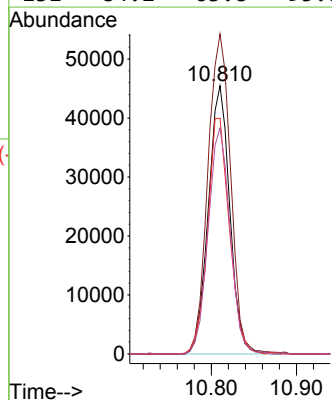
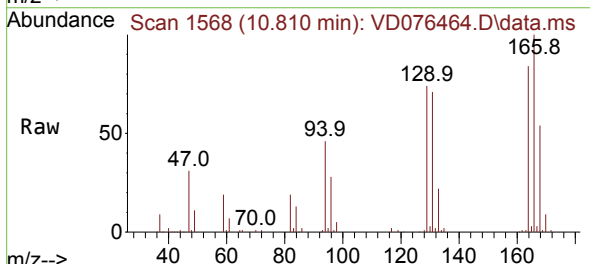
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

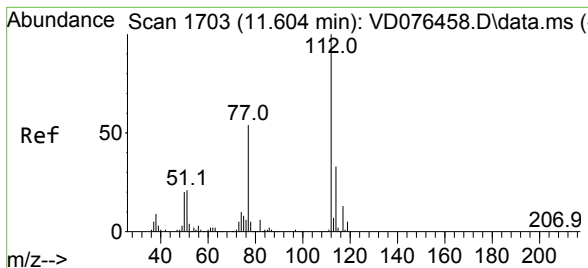
Tgt Ion:117 Resp: 268165
Ion Ratio Lower Upper
117 100
82 53.4 38.3 57.5
119 31.8 25.0 37.4



#64
Tetrachloroethene
Concen: 49.430 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion:164 Resp: 79567
Ion Ratio Lower Upper
164 100
166 119.4 99.2 148.8
129 87.9 68.4 102.6
131 84.2 63.8 95.8

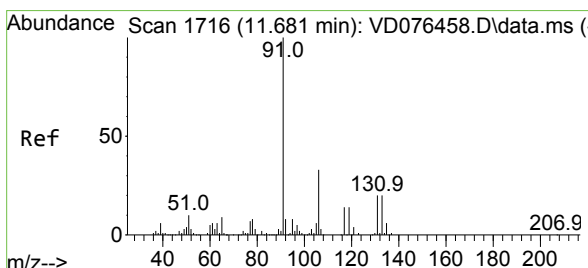
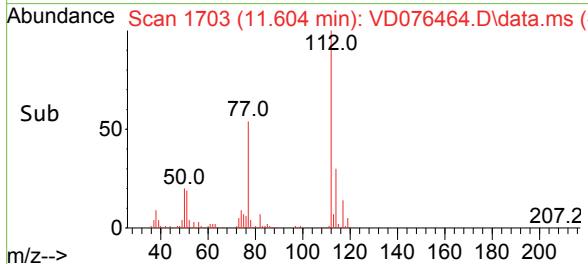
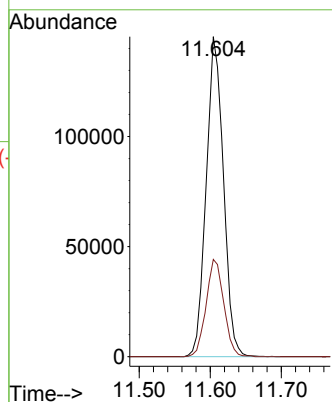
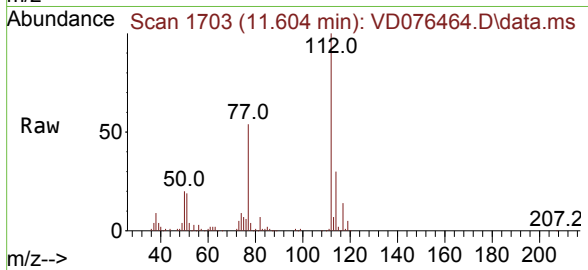




#65
Chlorobenzene
Concen: 48.112 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

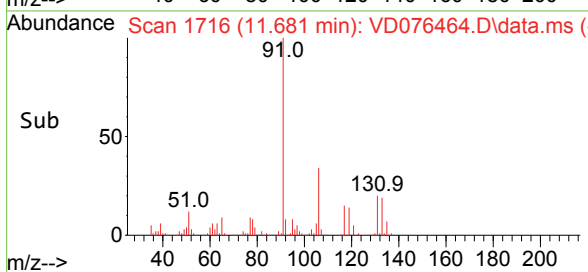
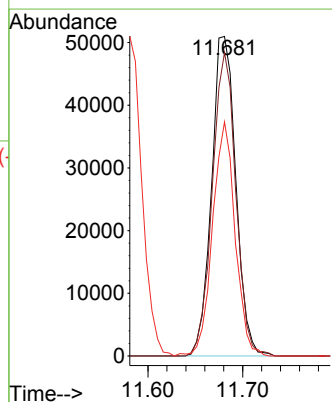
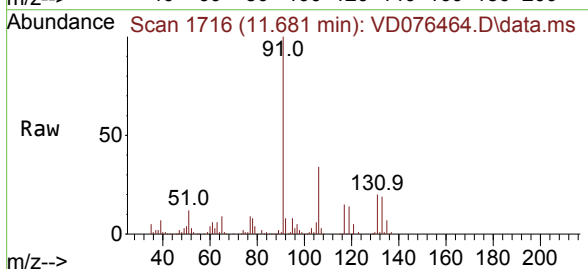
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

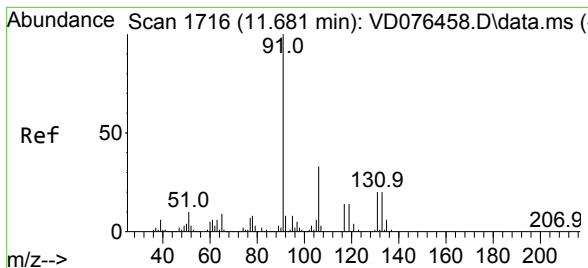
Tgt Ion:112 Resp: 245113
Ion Ratio Lower Upper
112 100
114 30.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.697 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion:131 Resp: 90547
Ion Ratio Lower Upper
131 100
133 92.3 48.5 145.5
119 68.2 35.6 106.9

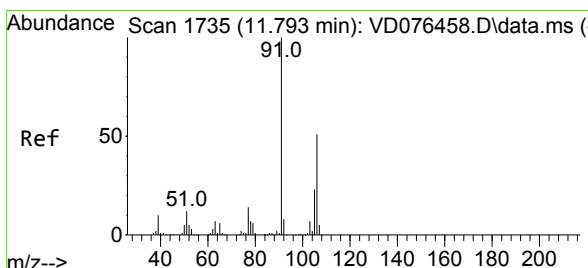
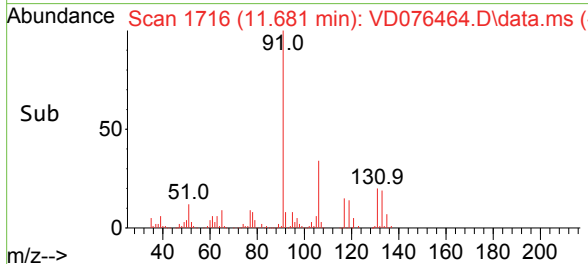
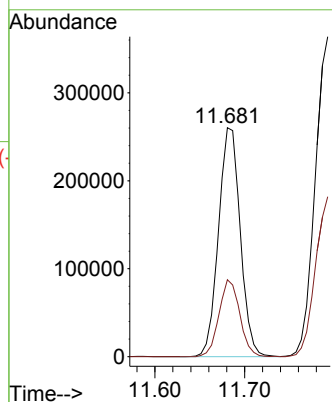
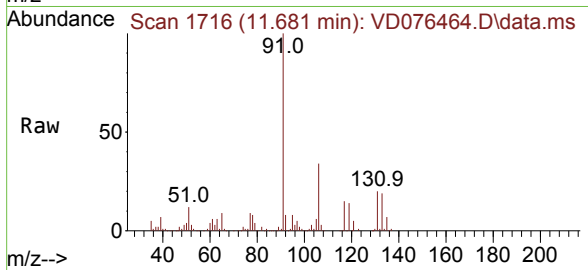




#67
Ethyl Benzene
Concen: 48.593 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

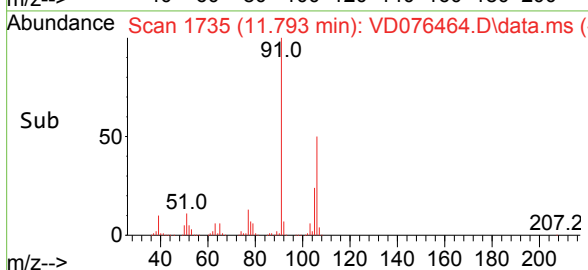
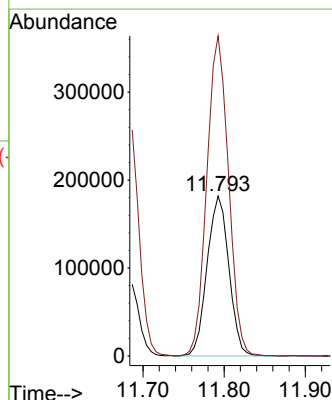
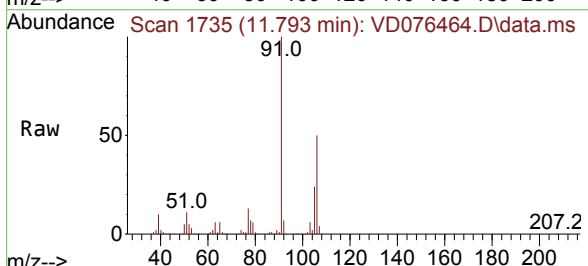
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

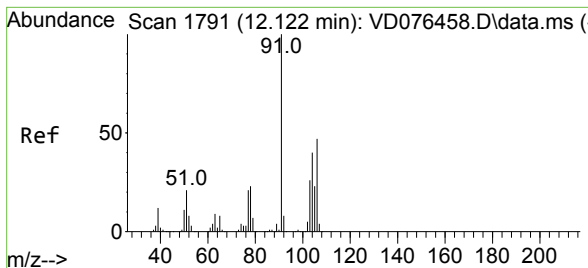
Tgt Ion: 91 Resp: 438656
Ion Ratio Lower Upper
91 100
106 33.6 26.5 39.7



#68
m/p-Xylenes
Concen: 96.083 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 106 Resp: 338583
Ion Ratio Lower Upper
106 100
91 199.2 147.0 220.6

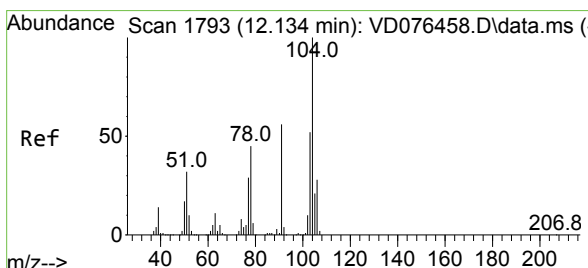
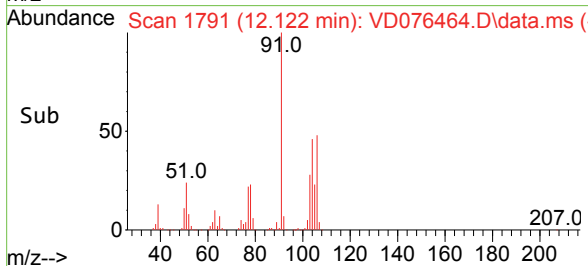
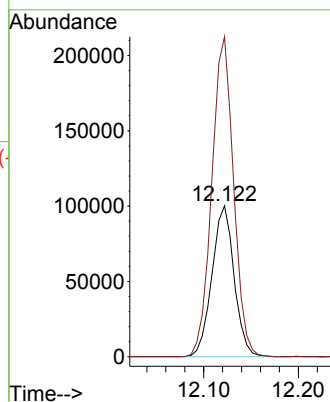
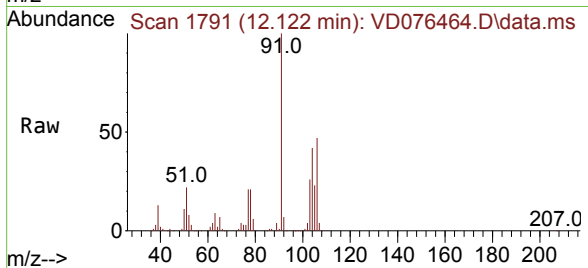




#69
o-Xylene
Concen: 48.545 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

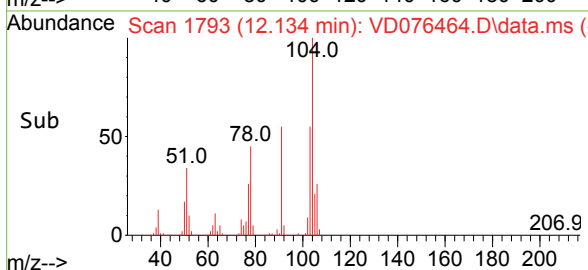
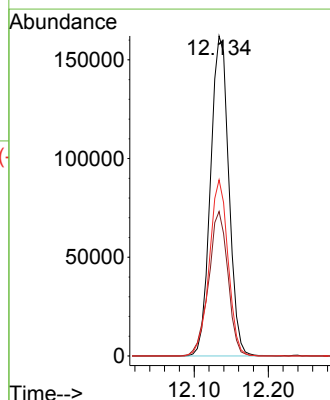
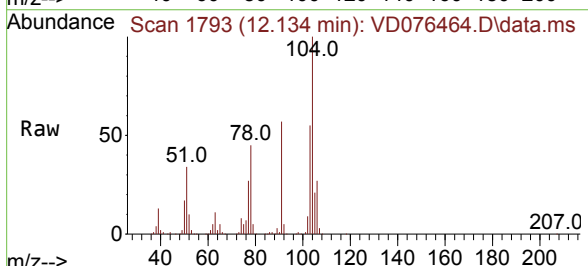
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

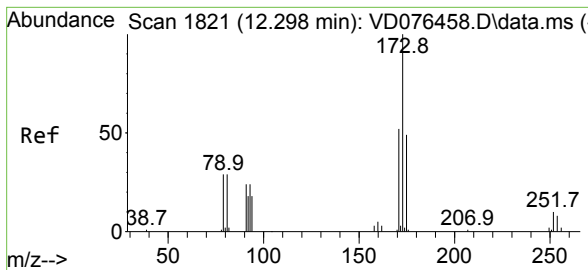
Tgt Ion:106 Resp: 162838
Ion Ratio Lower Upper
106 100
91 208.7 97.9 293.6



#70
Styrene
Concen: 47.979 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion:104 Resp: 278017
Ion Ratio Lower Upper
104 100
78 47.7 33.2 49.8
103 56.3 43.6 65.4

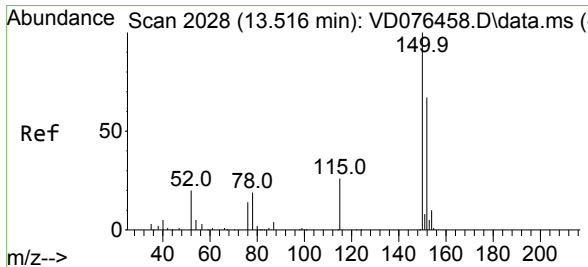
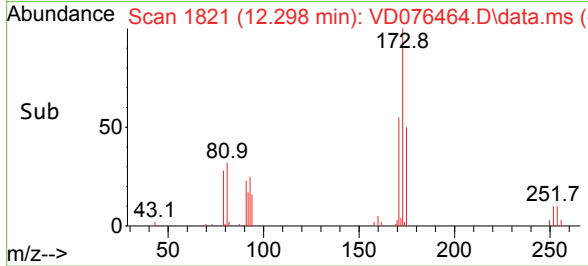
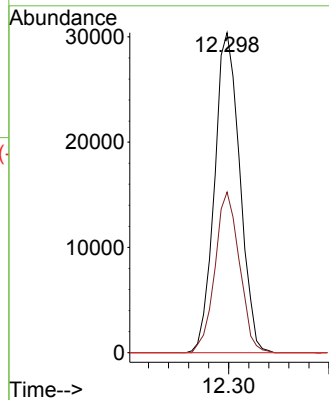
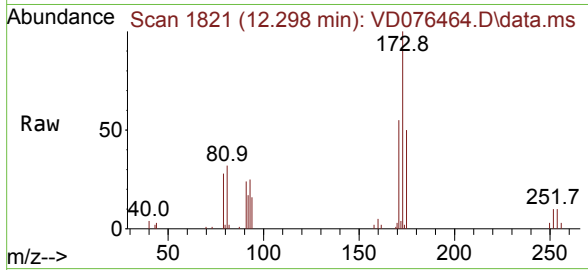




#71
Bromoform
Concen: 48.590 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

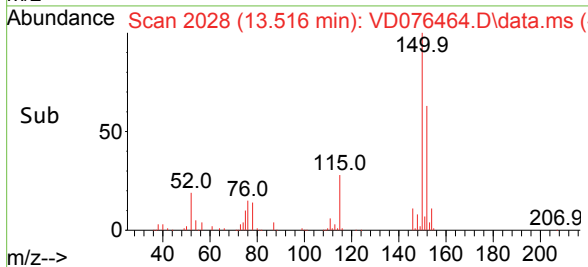
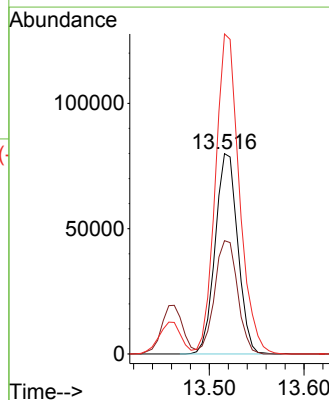
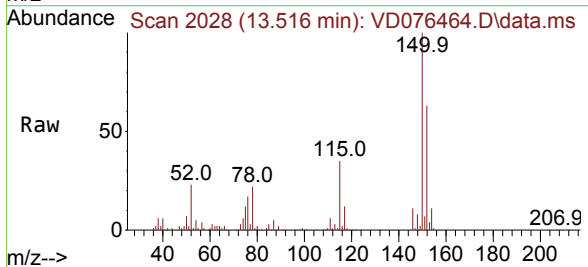
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

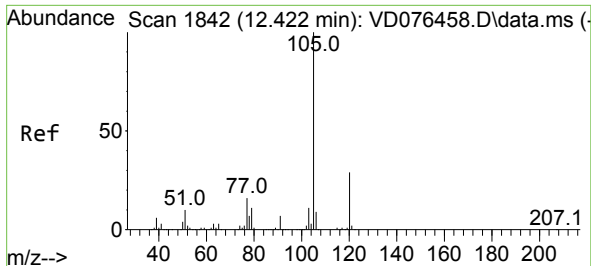
Tgt Ion:173 Resp: 53156
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion:152 Resp: 132290
Ion Ratio Lower Upper
152 100
115 57.6 27.1 81.3
150 169.6 0.0 353.6

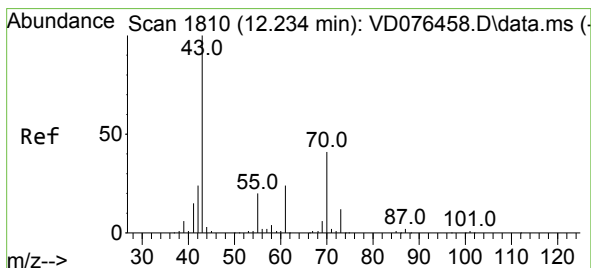
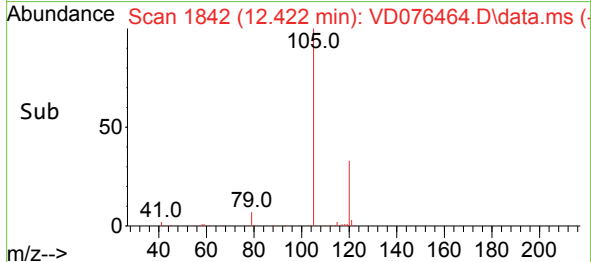
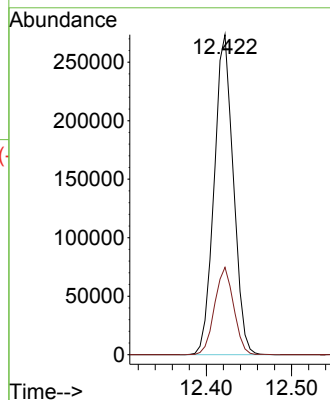
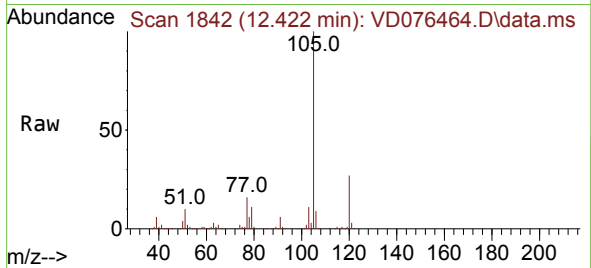




#73
Isopropylbenzene
Concen: 48.117 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

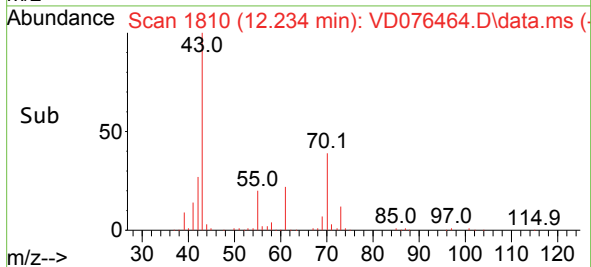
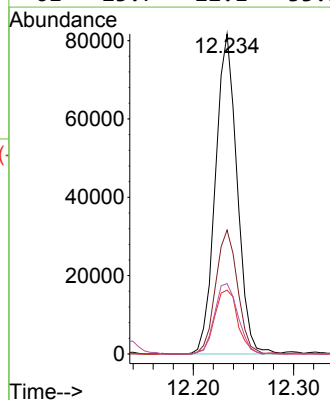
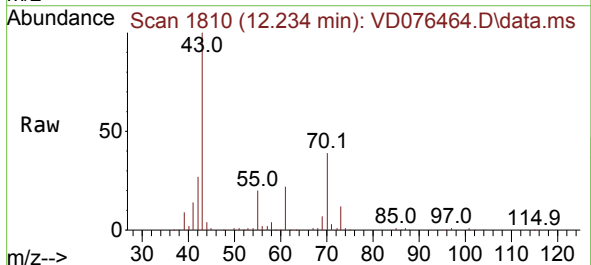
Instrument : MSVOA_D
ClientSampleId : VSTDCCC050

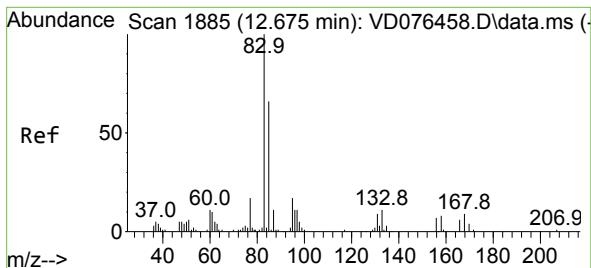
Tgt Ion:105 Resp: 428568
Ion Ratio Lower Upper
105 100
120 27.2 14.3 42.9



#74
N-ethyl acetate
Concen: 46.958 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 43 Resp: 122444
Ion Ratio Lower Upper
43 100
70 39.3 45.0 67.4#
55 21.5 23.8 35.6#
61 23.7 22.1 33.1

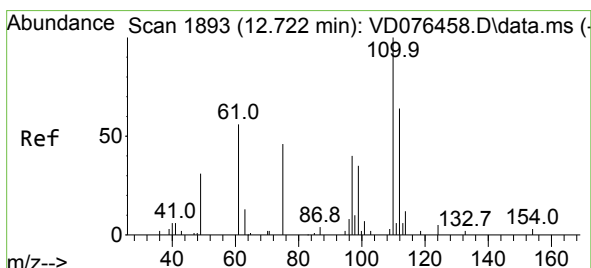
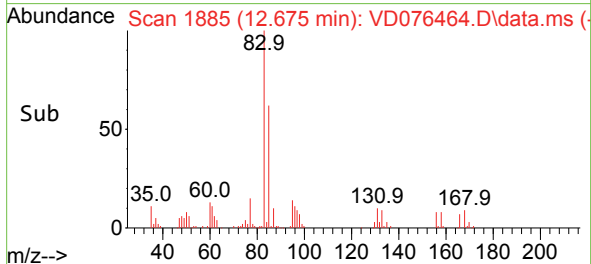
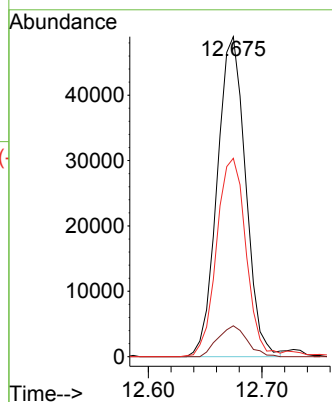
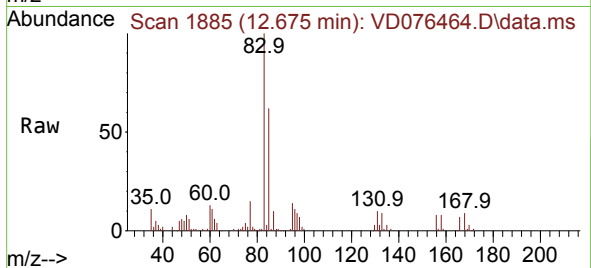




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.309 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD076464.D
 Acq: 19 Jun 2023 11:22

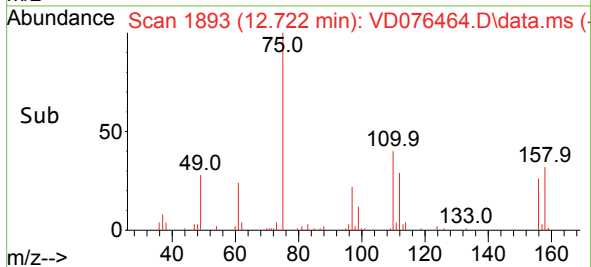
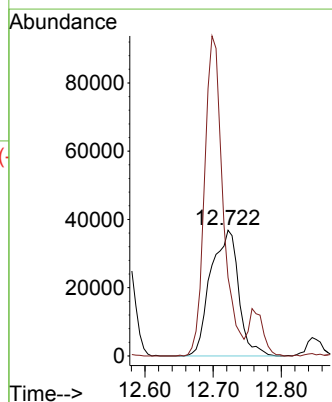
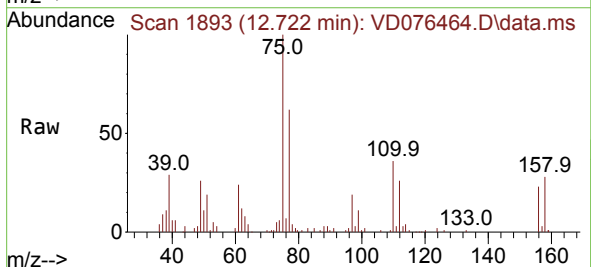
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

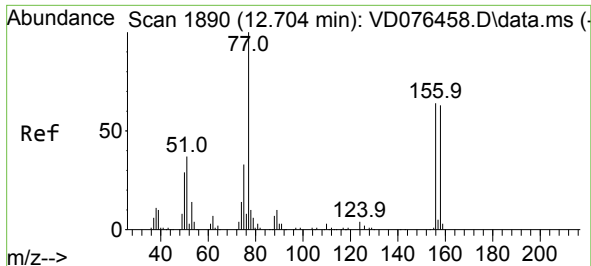
Tgt Ion: 83 Resp: 85112
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.1 15.3
 85 64.1 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 80.022 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD076464.D
 Acq: 19 Jun 2023 11:22

Tgt Ion: 75 Resp: 105065
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

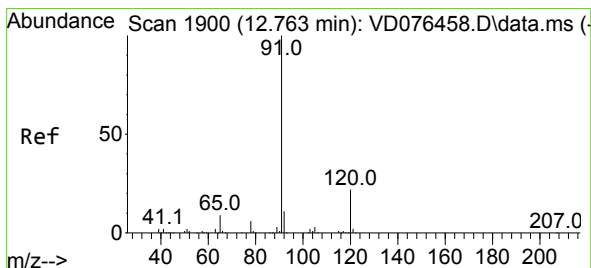
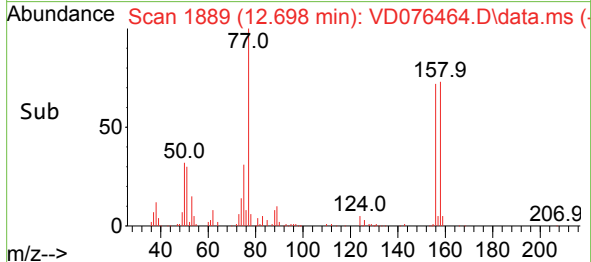
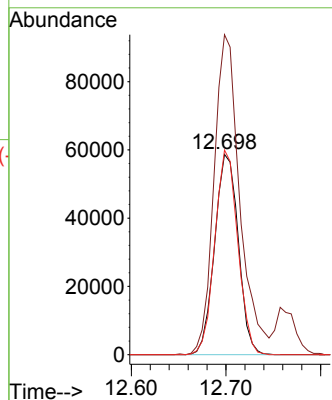
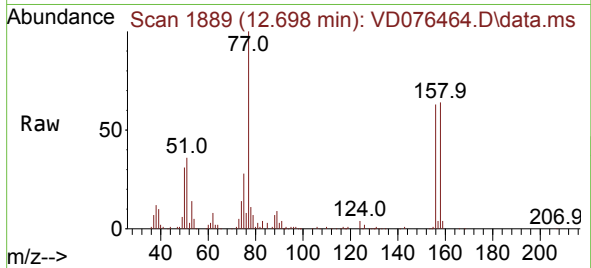




#77
Bromobenzene
Concen: 46.383 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

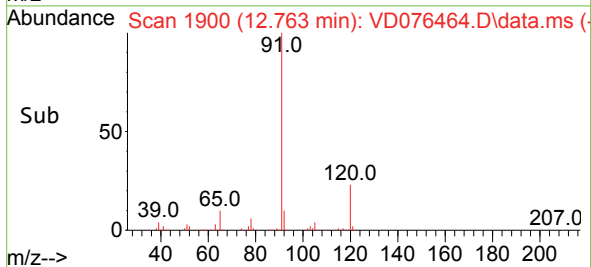
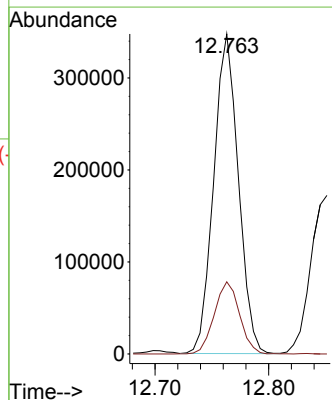
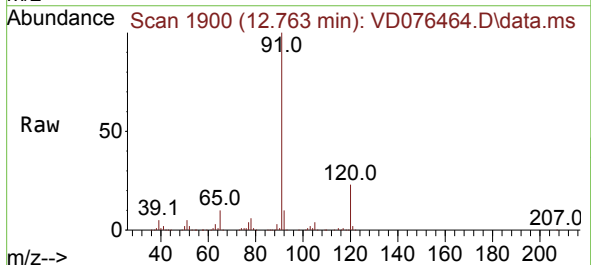
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

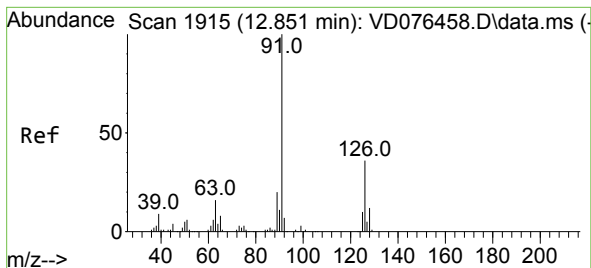
Tgt Ion:156 Resp: 101922
Ion Ratio Lower Upper
156 100
77 174.1 76.8 230.4
158 99.1 48.6 145.9



#78
n-propylbenzene
Concen: 47.577 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 91 Resp: 523235
Ion Ratio Lower Upper
91 100
120 23.1 12.4 37.2





#79

2-Chlorotoluene

Concen: 47.078 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD076464.D

Acq: 19 Jun 2023 11:22

Instrument :

MSVOA_D

ClientSampleId :

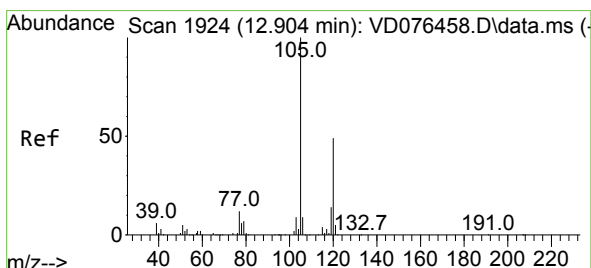
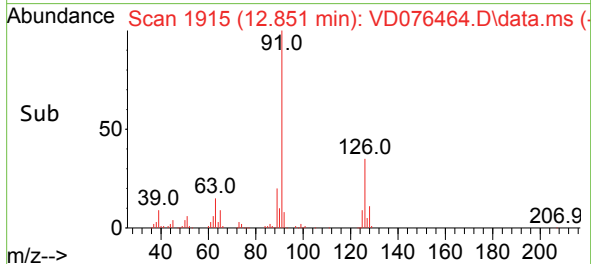
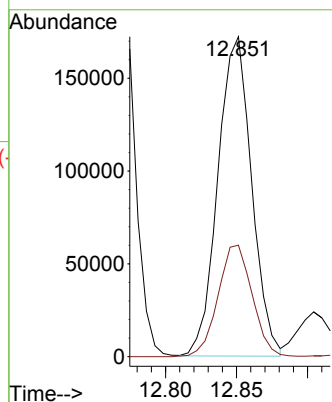
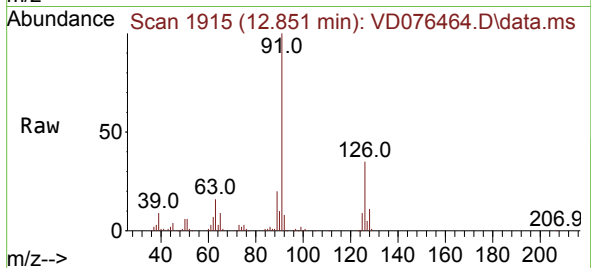
VSTDCCC050

Tgt Ion: 91 Resp: 284307

Ion Ratio Lower Upper

91 100

126 35.4 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 47.743 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD076464.D

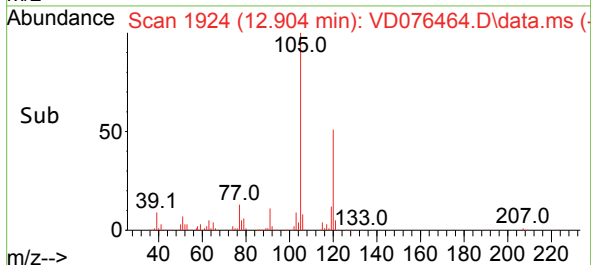
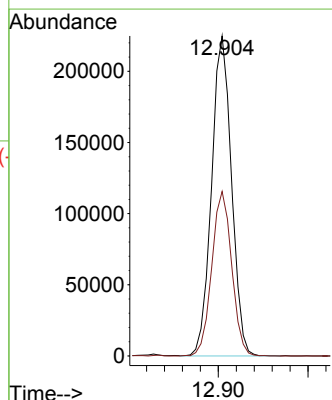
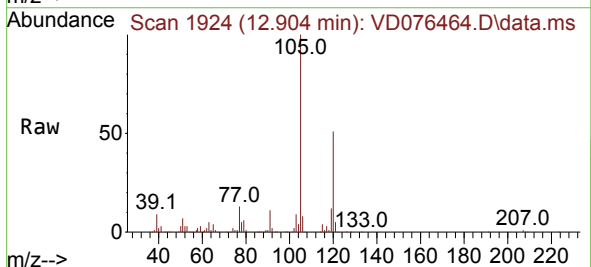
Acq: 19 Jun 2023 11:22

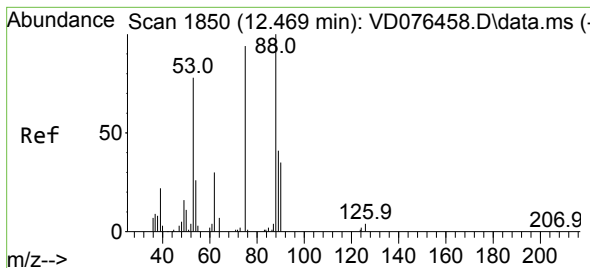
Tgt Ion: 105 Resp: 347271

Ion Ratio Lower Upper

105 100

120 51.2 26.4 79.2

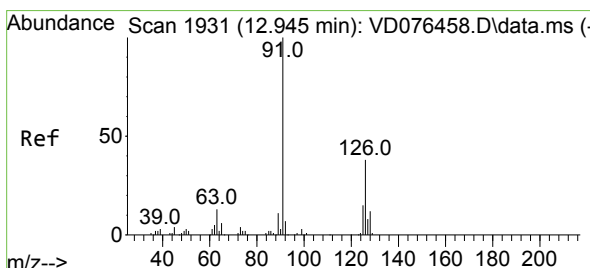
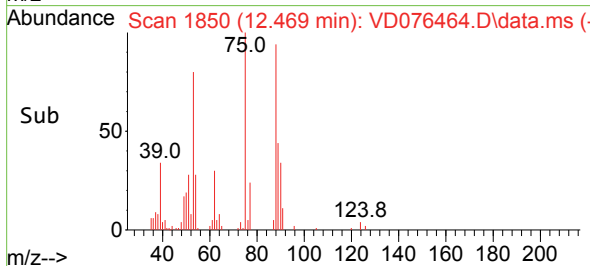
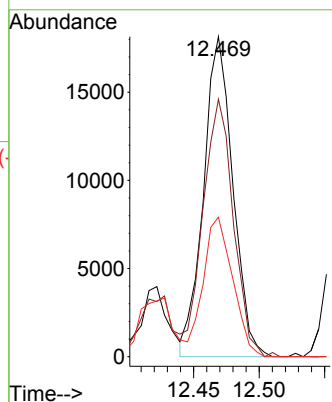
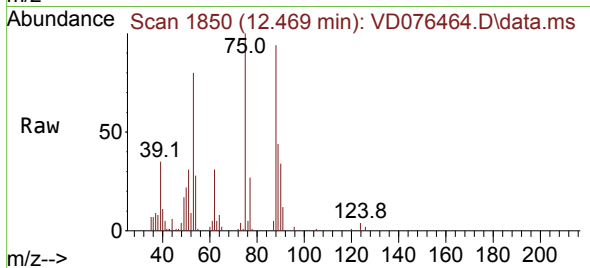




#81
trans-1,4-Dichloro-2-butene
Concen: 47.153 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

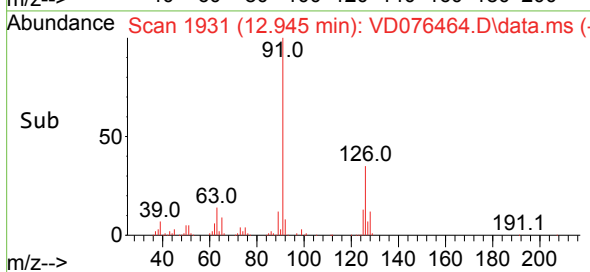
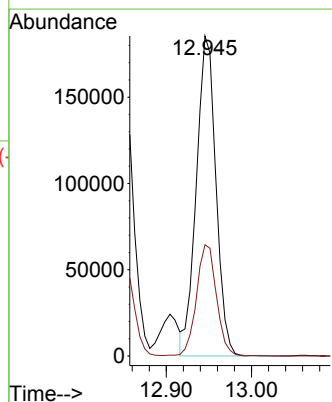
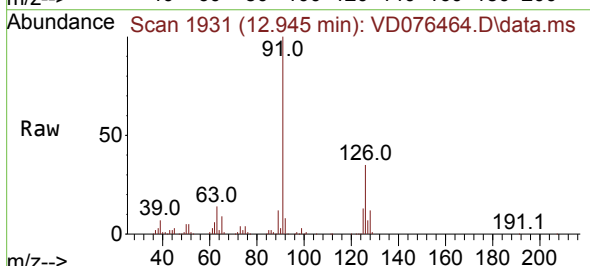
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

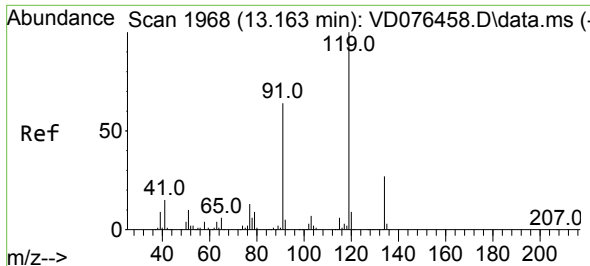
Tgt Ion: 75 Resp: 28253
Ion Ratio Lower Upper
75 100
53 83.3 63.0 94.4
89 43.5 37.9 56.9



#82
4-Chlorotoluene
Concen: 47.195 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 91 Resp: 295997
Ion Ratio Lower Upper
91 100
126 35.4 19.4 58.4

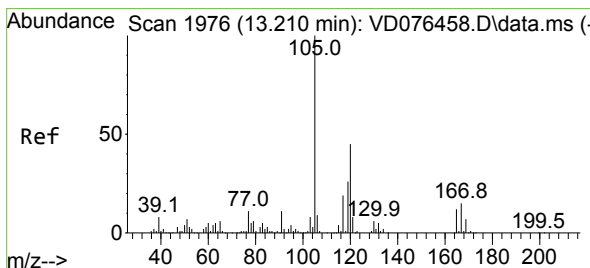
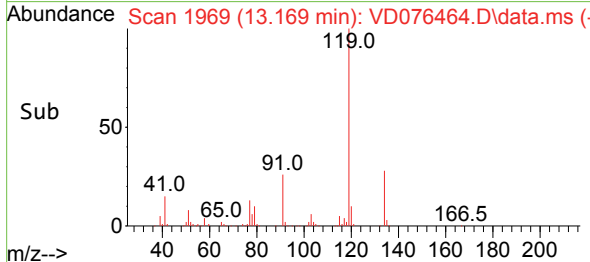
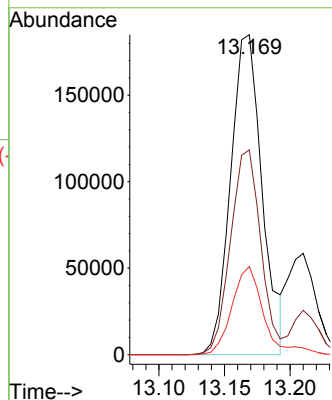
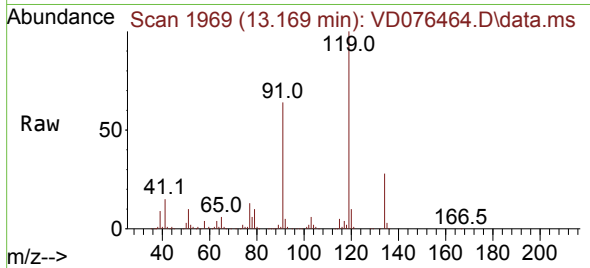




#83
tert-Butylbenzene
Concen: 48.021 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

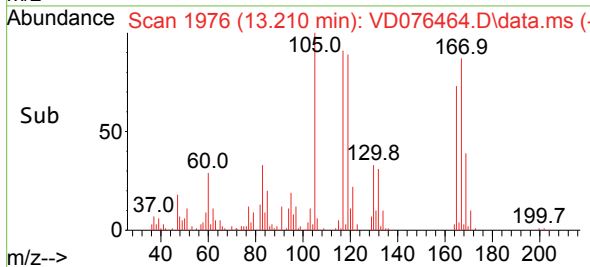
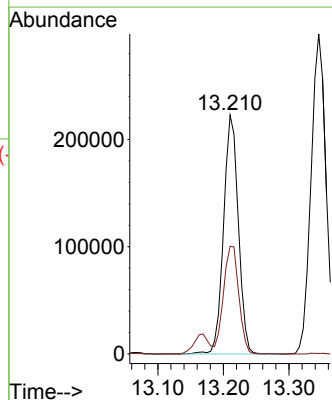
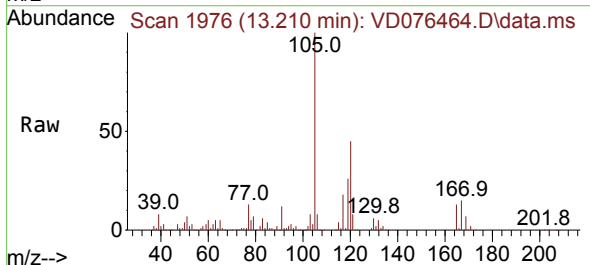
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

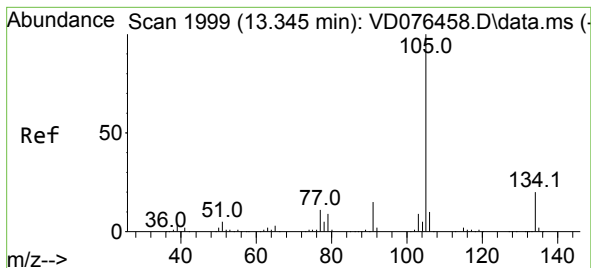
Tgt Ion:119 Resp: 310363
Ion Ratio Lower Upper
119 100
91 61.4 29.3 87.8
134 27.7 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 47.294 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion:105 Resp: 346665
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.9





#85

sec-Butylbenzene

Concen: 48.987 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD076464.D

Acq: 19 Jun 2023 11:22

Instrument :

MSVOA_D

ClientSampleId :

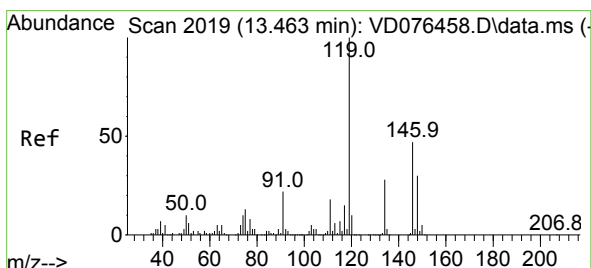
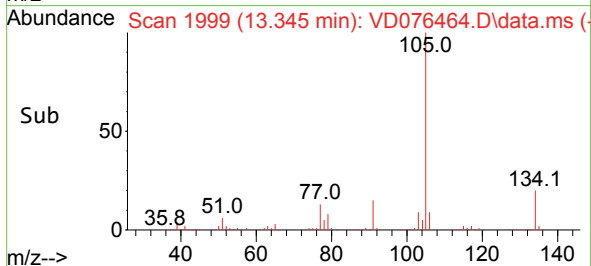
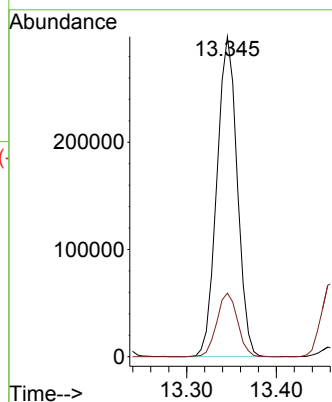
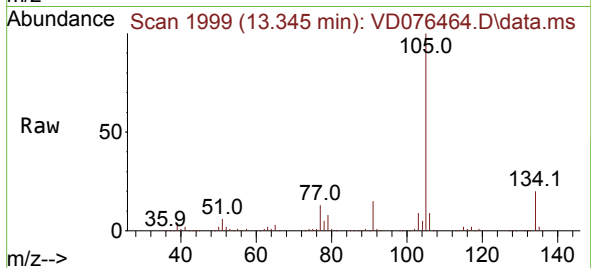
VSTDCCC050

Tgt Ion:105 Resp: 469830

Ion Ratio Lower Upper

105 100

134 20.2 10.9 32.9



#86

p-Isopropyltoluene

Concen: 48.946 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD076464.D

Acq: 19 Jun 2023 11:22

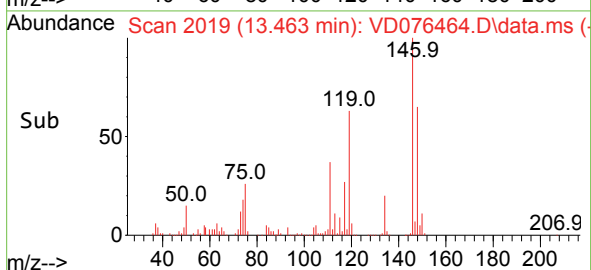
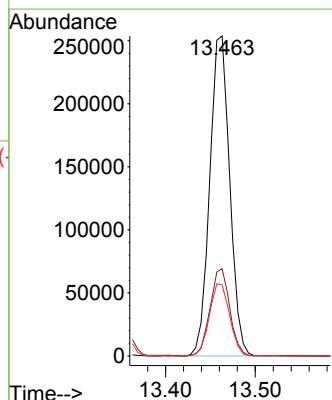
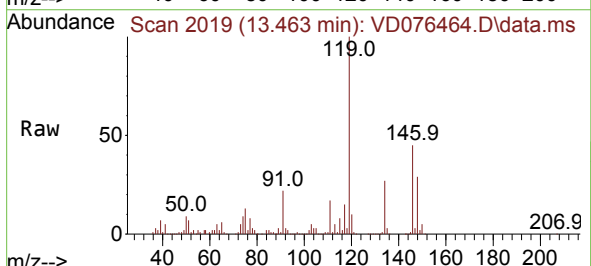
Tgt Ion:119 Resp: 392258

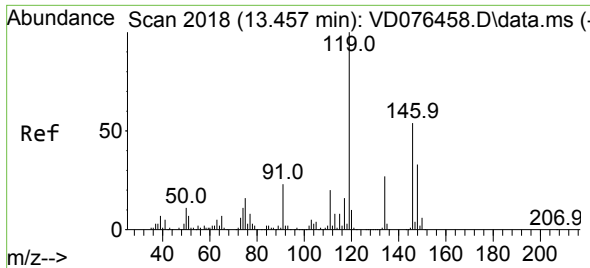
Ion Ratio Lower Upper

119 100

134 26.8 14.2 42.6

91 23.1 10.5 31.5

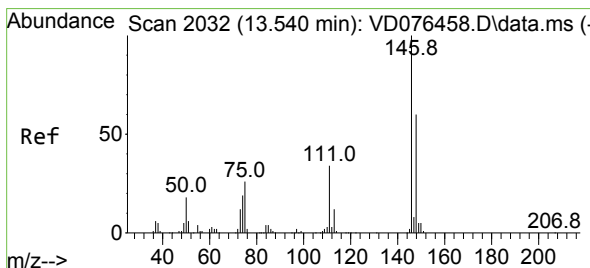
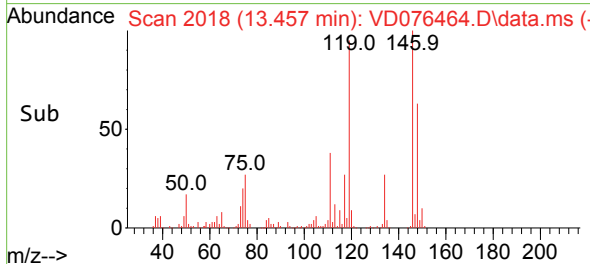
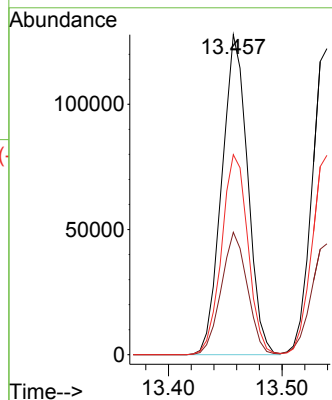
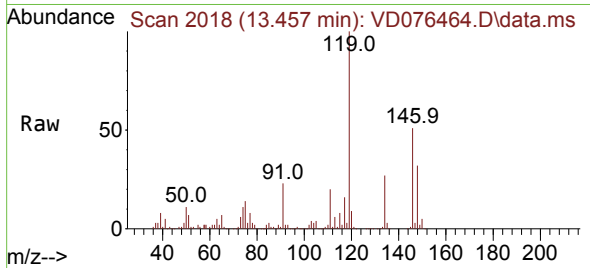




#87
1,3-Dichlorobenzene
Concen: 46.927 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

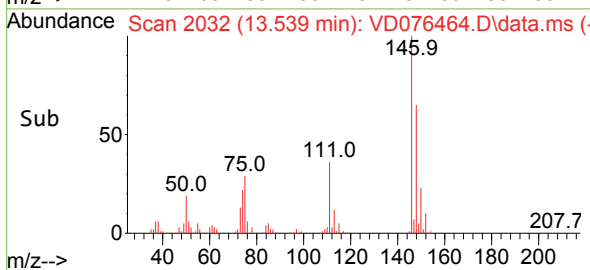
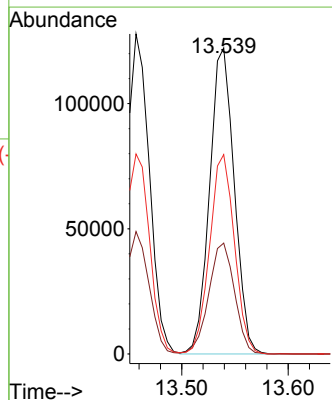
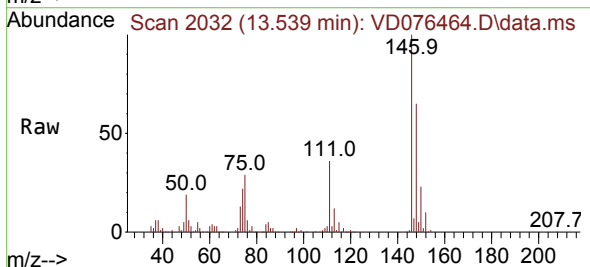
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

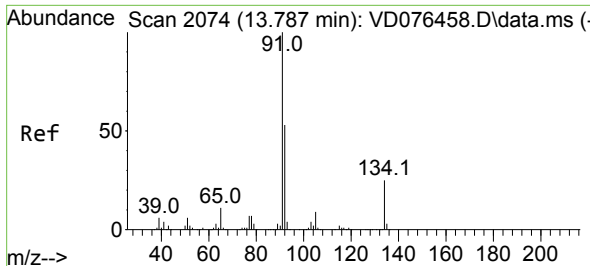
Tgt Ion:146 Resp: 202550
Ion Ratio Lower Upper
146 100
111 38.6 17.9 53.8
148 63.6 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 45.667 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion:146 Resp: 196588
Ion Ratio Lower Upper
146 100
111 37.8 17.4 52.3
148 65.6 31.7 95.1

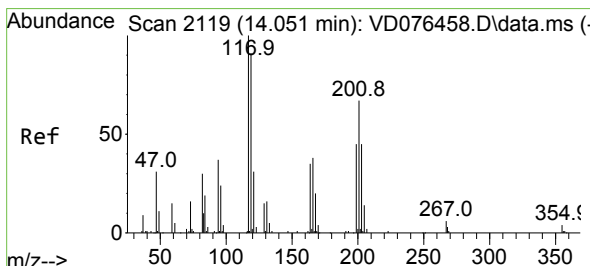
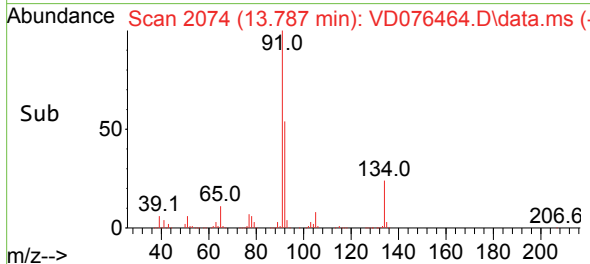
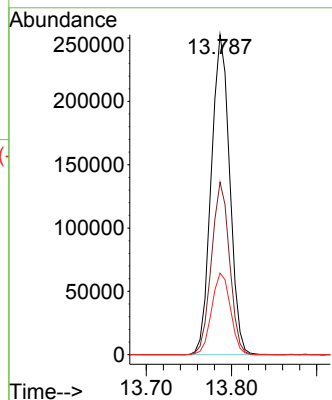
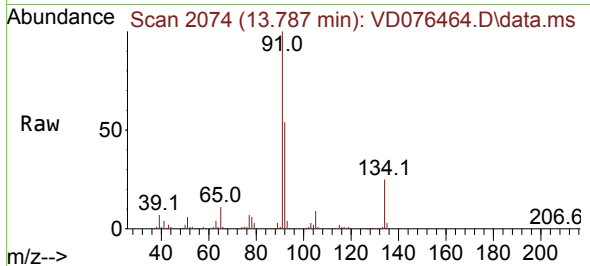




#89
n-Butylbenzene
Concen: 48.626 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

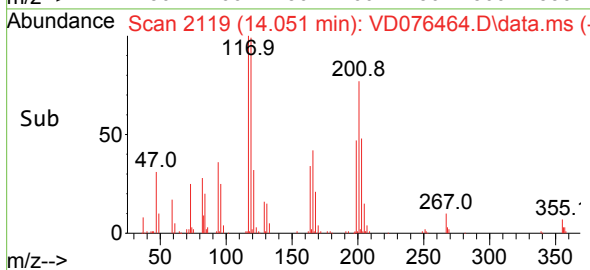
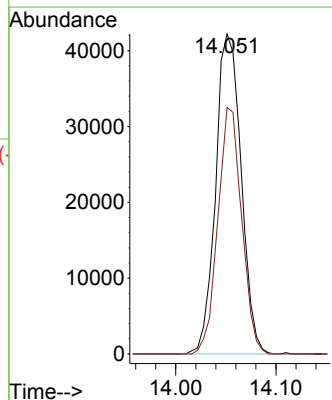
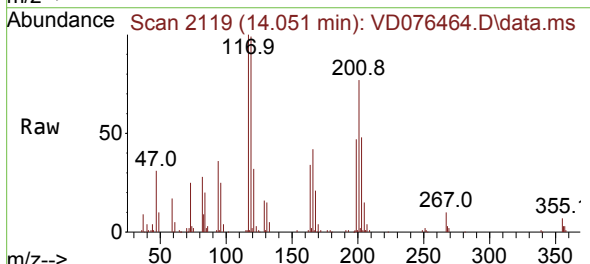
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

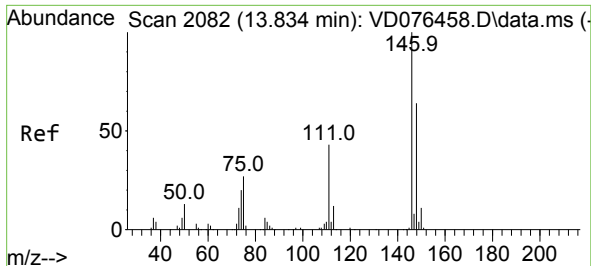
Tgt Ion: 91 Resp: 380091
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 25.9 13.8 41.3



#90
Hexachloroethane
Concen: 50.313 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 117 Resp: 74409
Ion Ratio Lower Upper
117 100
201 71.9 38.5 115.5

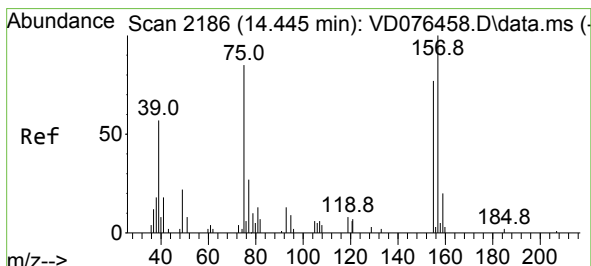
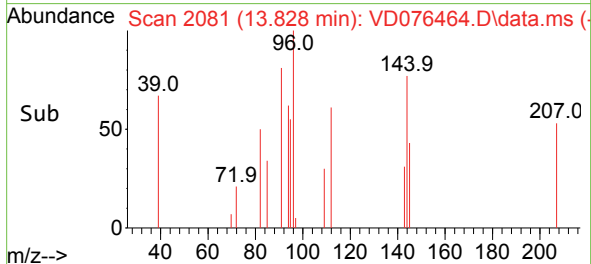
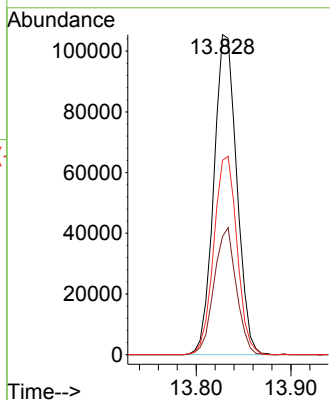
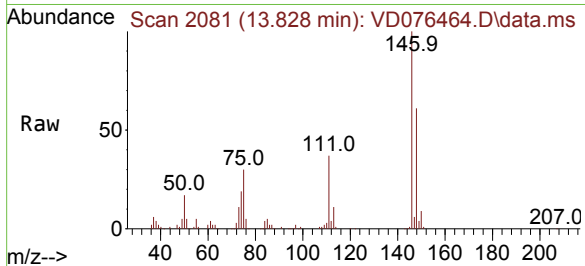




#91
1,2-Dichlorobenzene
Concen: 47.120 ug/l
RT: 13.828 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

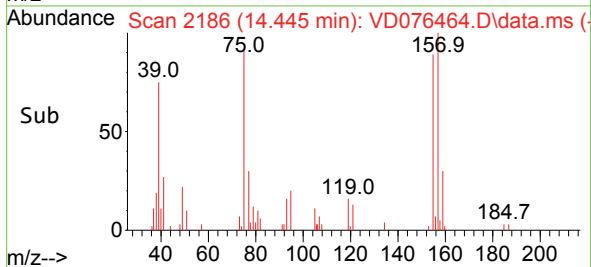
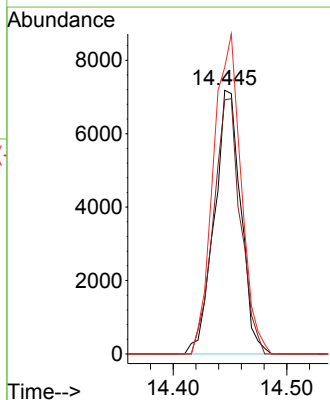
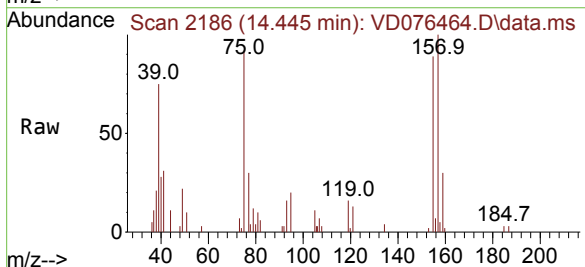
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

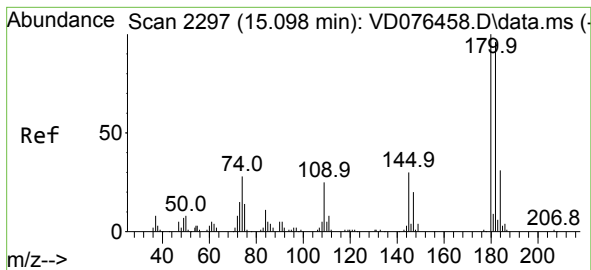
Tgt Ion:146 Resp: 177724
Ion Ratio Lower Upper
146 100
111 38.5 18.3 54.8
148 62.7 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.018 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD076464.D
Acq: 19 Jun 2023 11:22

Tgt Ion: 75 Resp: 11624
Ion Ratio Lower Upper
75 100
155 99.2 47.9 143.8
157 127.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 47.389 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD076464.D

Acq: 19 Jun 2023 11:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

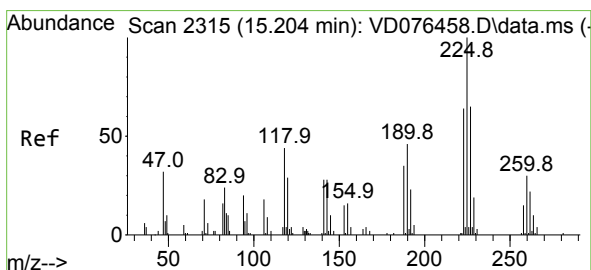
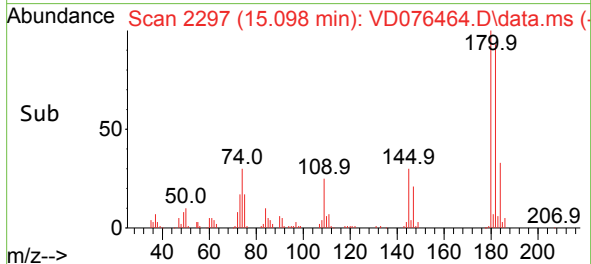
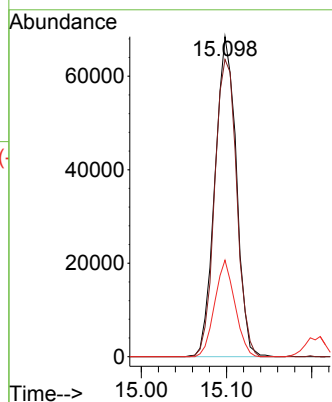
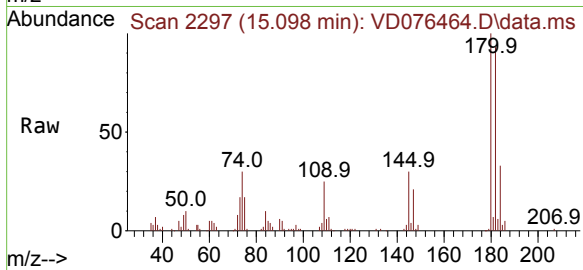
Tgt Ion:180 Resp: 119120

Ion Ratio Lower Upper

180 100

182 95.5 48.5 145.6

145 28.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 49.385 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD076464.D

Acq: 19 Jun 2023 11:22

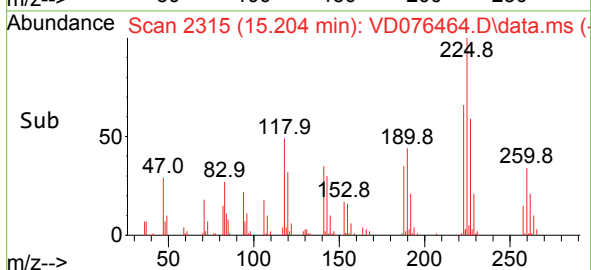
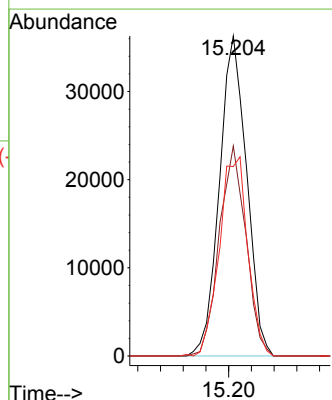
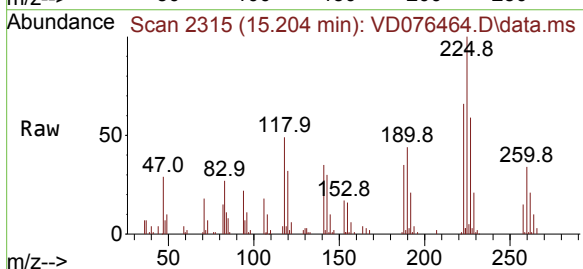
Tgt Ion:225 Resp: 60352

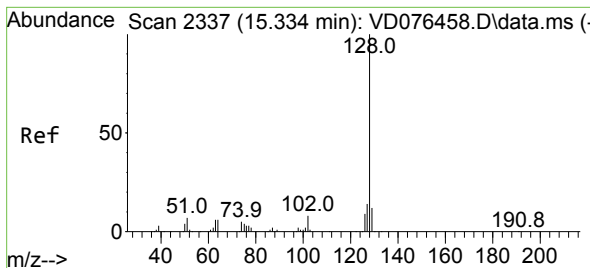
Ion Ratio Lower Upper

225 100

223 64.1 31.6 94.8

227 65.2 31.7 95.1





#95

Naphthalene

Concen: 47.142 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD076464.D

Acq: 19 Jun 2023 11:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

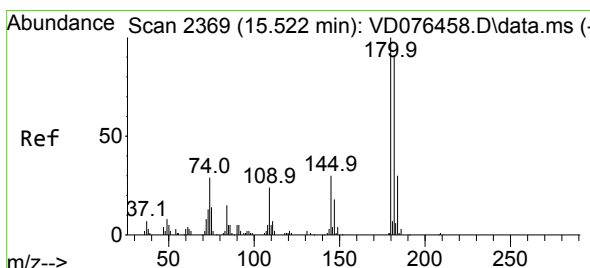
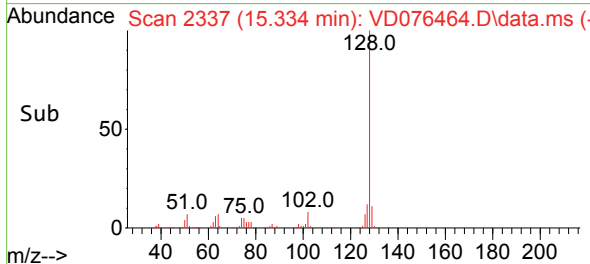
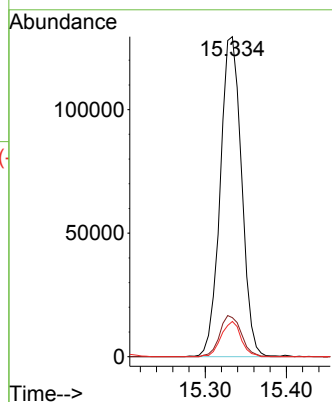
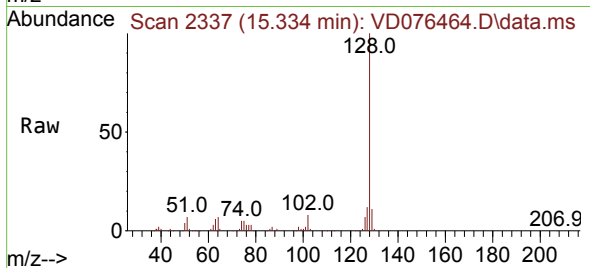
Tgt Ion:128 Resp: 236962

Ion Ratio Lower Upper

128 100

127 12.2 10.5 15.7

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 47.677 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD076464.D

Acq: 19 Jun 2023 11:22

Tgt Ion:180 Resp: 104415

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.9

145 31.8 15.1 45.3

