

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041123\
 Data File : VD075620.D
 Acq On : 11 Apr 2023 14:00
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 12 02:55:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 18:54:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	217858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	368455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	413394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	201171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	95816	53.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.220%	
35) Dibromofluoromethane	7.805	113	121069	56.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.140%	
50) Toluene-d8	10.269	98	473362	55.888	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.780%	
62) 4-Bromofluorobenzene	12.575	95	158376	60.561	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	73877	47.999	ug/l	98
3) Chloromethane	2.152	50	126423	51.979	ug/l	96
4) Vinyl Chloride	2.287	62	186627	49.807	ug/l	97
5) Bromomethane	2.693	94	151347	50.723	ug/l	98
6) Chloroethane	2.834	64	130485	49.643	ug/l	98
7) Trichlorofluoromethane	3.175	101	158587	49.615	ug/l	99
8) Diethyl Ether	3.593	74	53025	53.710	ug/l	63
9) 1,1,2-Trichlorotrifluo...	3.970	101	104795	49.808	ug/l	94
10) Methyl Iodide	4.164	142	141633	56.301	ug/l	91
11) Tert butyl alcohol	5.052	59	24208	286.510	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	103952	51.475	ug/l	84
13) Acrolein	3.793	56	30943	262.707	ug/l	99
14) Allyl chloride	4.564	41	96414	52.900	ug/l #	81
15) Acrylonitrile	5.258	53	101719	268.872	ug/l	97
16) Acetone	4.022	43	100147	307.532	ug/l #	79
17) Carbon Disulfide	4.270	76	249539	47.742	ug/l	96
18) Methyl Acetate	4.558	43	51870	52.777	ug/l #	69
19) Methyl tert-butyl Ether	5.317	73	232420	54.455	ug/l	99
20) Methylene Chloride	4.799	84	161904	60.865	ug/l #	69
21) trans-1,2-Dichloroethene	5.317	96	120008	50.345	ug/l #	77
22) Diisopropyl ether	6.216	45	239321	53.529	ug/l #	83
23) Vinyl Acetate	6.158	43	594008	283.079	ug/l #	82
24) 1,1-Dichloroethane	6.111	63	191497	51.868	ug/l	99
25) 2-Butanone	7.081	43	120290	284.632	ug/l #	68
26) 2,2-Dichloropropane	7.075	77	174295	51.461	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	145979	52.012	ug/l	80
28) Bromochloromethane	7.428	49	63679	50.480	ug/l #	44
29) Tetrahydrofuran	7.440	42	63855	285.324	ug/l #	53
30) Chloroform	7.599	83	218593	52.044	ug/l	96
31) Cyclohexane	7.875	56	120527	46.354	ug/l #	73
32) 1,1,1-Trichloroethane	7.793	97	181451	51.911	ug/l	94
36) 1,1-Dichloropropene	8.005	75	149323	54.146	ug/l	94
37) Ethyl Acetate	7.163	43	45445	54.810	ug/l #	80
38) Carbon Tetrachloride	7.993	117	142471	53.871	ug/l	96
39) Methylcyclohexane	9.275	83	168421	51.288	ug/l	89
40) Benzene	8.252	78	480932	54.121	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	22109	48.691	ug/l #	56
42) 1,2-Dichloroethane	8.322	62	111510	54.008	ug/l	90
43) Isopropyl Acetate	8.358	43	90945	57.459	ug/l #	78
44) Trichloroethene	9.028	130	136436	52.418	ug/l	91
45) 1,2-Dichloropropane	9.305	63	111164	53.625	ug/l	92
46) Dibromomethane	9.399	93	69611	54.084	ug/l	96
47) Bromodichloromethane	9.581	83	168249	54.055	ug/l	91
48) Methyl methacrylate	9.381	41	38708	53.964	ug/l #	58
49) 1,4-Dioxane	9.387	88	14628	1253.753	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	240489	282.249	ug/l #	78
52) Toluene	10.334	92	322203	53.685	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	151182	53.586	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	179799	52.414	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	107832	56.812	ug/l	94
56) Ethyl methacrylate	10.599	69	101690	55.585	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	168498	58.958	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	232664	263.039	ug/l #	87
59) 2-Hexanone	10.922	43	198059	329.957	ug/l	71
60) Dibromochloromethane	11.075	129	137262	60.570	ug/l	99
61) 1,2-Dibromoethane	11.181	107	104657	57.692	ug/l	98
64) Tetrachloroethene	10.810	164	134064	53.918	ug/l	94
65) Chlorobenzene	11.610	112	417285	52.002	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	147432	51.955	ug/l	95
67) Ethyl Benzene	11.687	91	685732	51.794	ug/l	94
68) m/p-Xylenes	11.793	106	565848	103.765	ug/l	89
69) o-Xylene	12.122	106	265336	50.031	ug/l	90
70) Styrene	12.134	104	455323	50.299	ug/l	93
71) Bromoform	12.304	173	84531	57.633	ug/l #	99
73) Isopropylbenzene	12.422	105	667103	53.438	ug/l	98
74) N-amyl acetate	12.234	43	95888	54.767	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.675	83	123630	52.946	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	137766	87.504	ug/l #	100
77) Bromobenzene	12.704	156	173459	55.049	ug/l	84
78) n-propylbenzene	12.763	91	792894	52.826	ug/l	95
79) 2-Chlorotoluene	12.851	91	431891	52.026	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	550973	53.891	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	36401	52.990	ug/l #	71
82) 4-Chlorotoluene	12.951	91	444302	51.594	ug/l	89
83) tert-Butylbenzene	13.169	119	471912	53.160	ug/l	92
84) 1,2,4-Trimethylbenzene	13.216	105	544332	52.722	ug/l	93
85) sec-Butylbenzene	13.346	105	714819	52.693	ug/l	96
86) p-Isopropyltoluene	13.463	119	603687	52.939	ug/l	93
87) 1,3-Dichlorobenzene	13.463	146	343620	52.223	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	335009	51.480	ug/l	97
89) n-Butylbenzene	13.787	91	540745	52.155	ug/l	97
90) Hexachloroethane	14.057	117	111829	51.843	ug/l	90
91) 1,2-Dichlorobenzene	13.834	146	300000	52.894	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	14130	48.375	ug/l	77
93) 1,2,4-Trichlorobenzene	15.104	180	141836	47.150	ug/l	99
94) Hexachlorobutadiene	15.204	225	66576	46.723	ug/l	99
95) Naphthalene	15.334	128	283099	49.564	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	124937	46.876	ug/l	99

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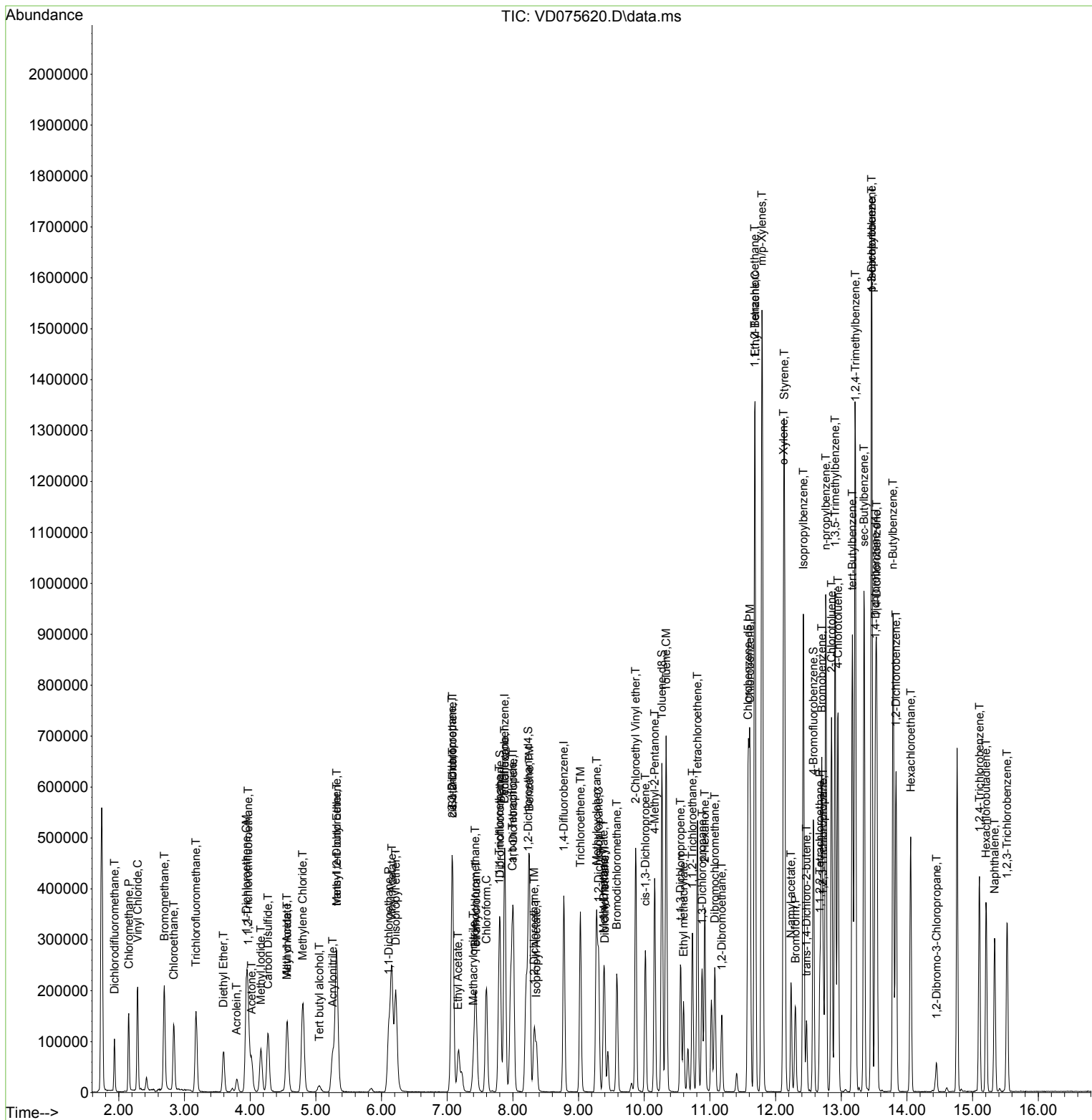
Instrument :
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VSTDCCC050

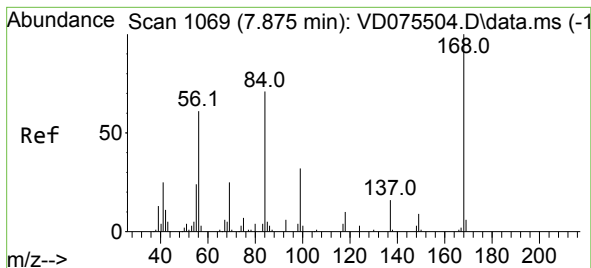
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD075620.D

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Instrument :

MSVOA_D

ClientSampleId :

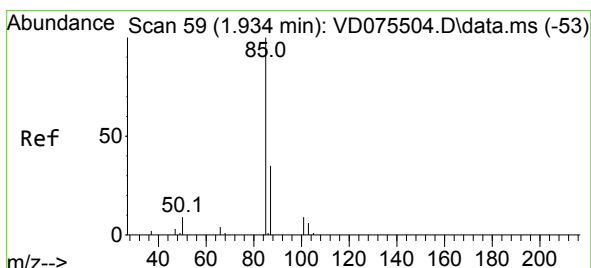
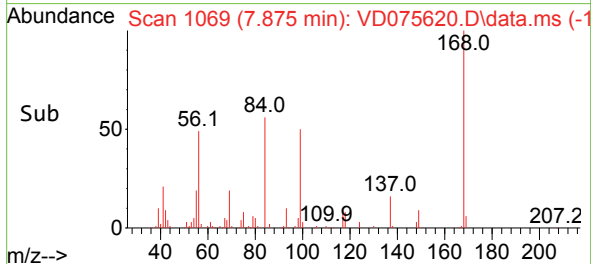
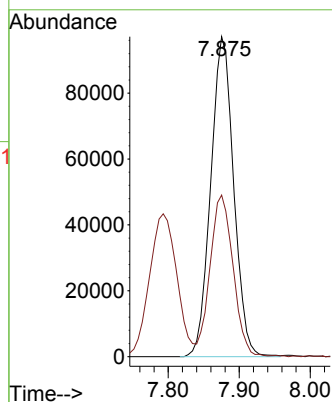
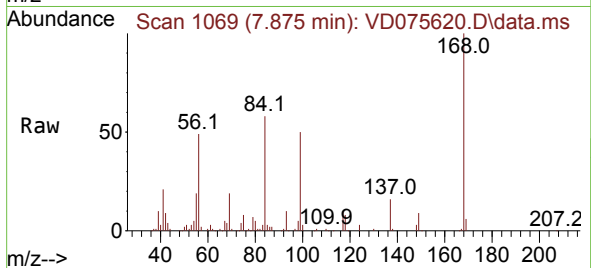
VSTDCCC050

Tgt Ion:168 Resp: 217858

Ion Ratio Lower Upper

168 100

99 50.2 43.8 65.6



#2

Dichlorodifluoromethane

Concen: 47.999 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD075620.D

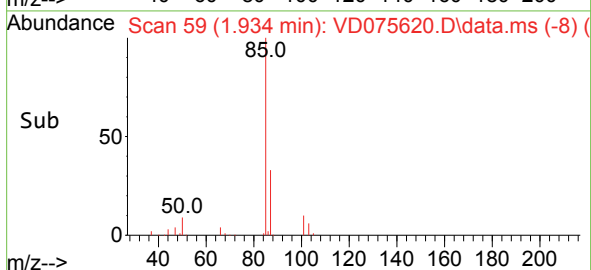
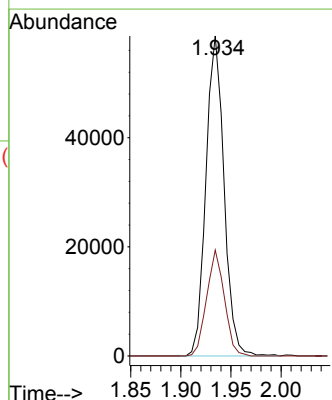
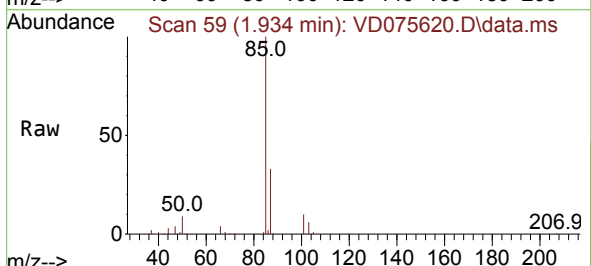
Acq: 11 Apr 2023 14:00

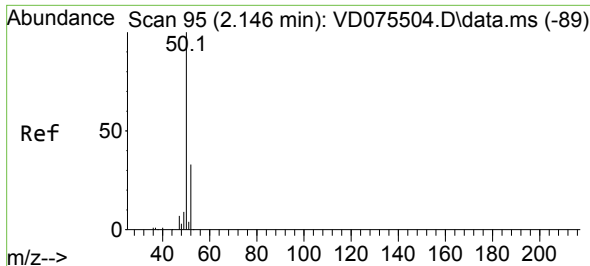
Tgt Ion: 85 Resp: 73877

Ion Ratio Lower Upper

85 100

87 33.1 17.3 51.7

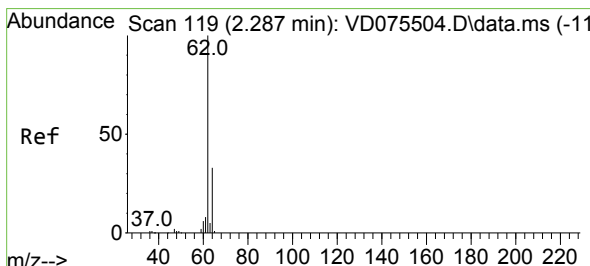
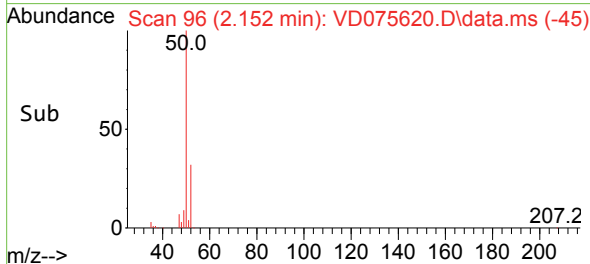
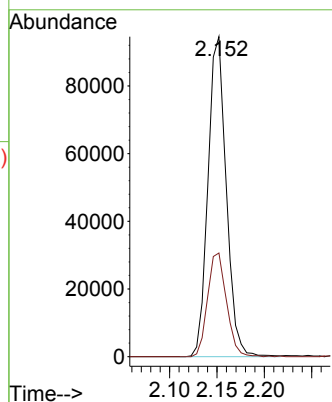
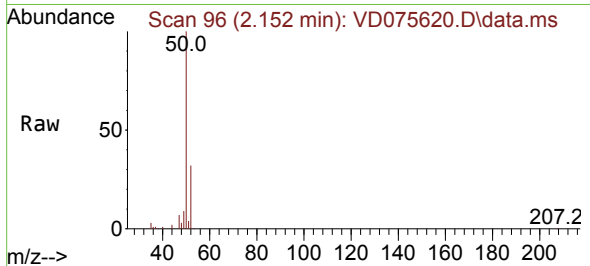




#3
Chloromethane
Concen: 51.979 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

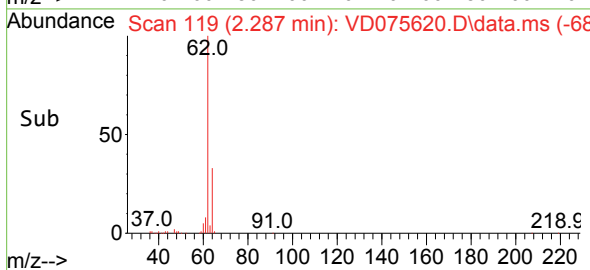
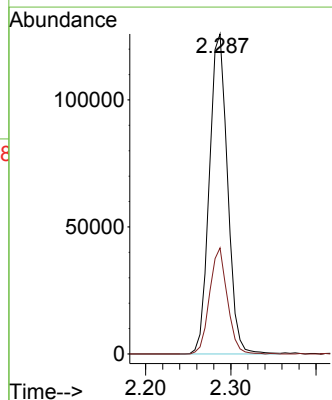
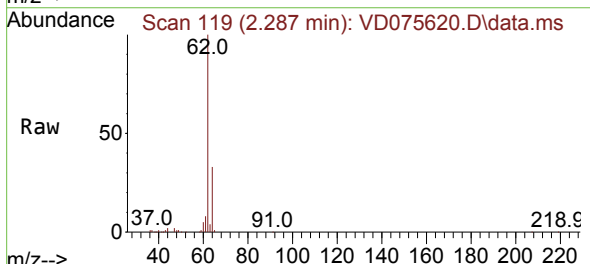
Instrument :
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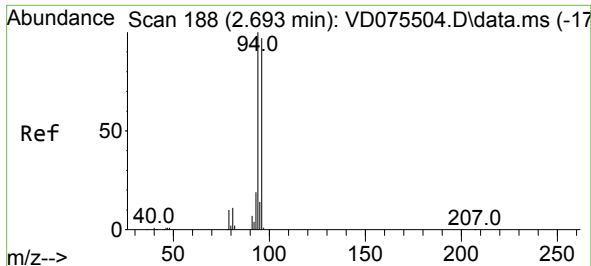
Tgt Ion: 50 Resp: 126423
Ion Ratio Lower Upper
50 100
52 32.4 27.8 41.8



#4
Vinyl Chloride
Concen: 49.807 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion: 62 Resp: 186627
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0

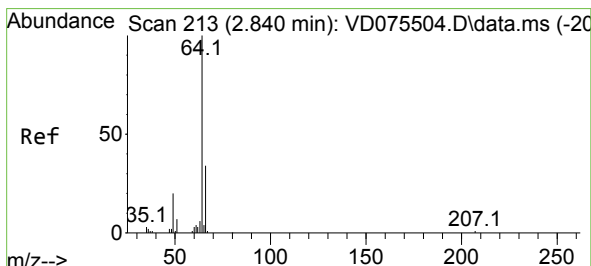
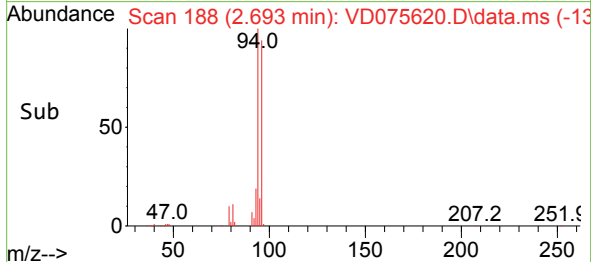
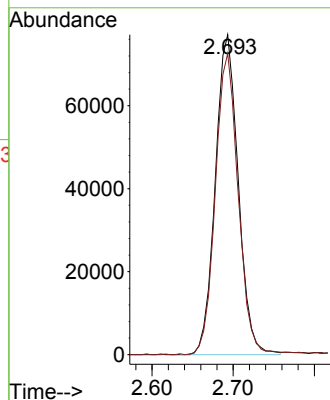
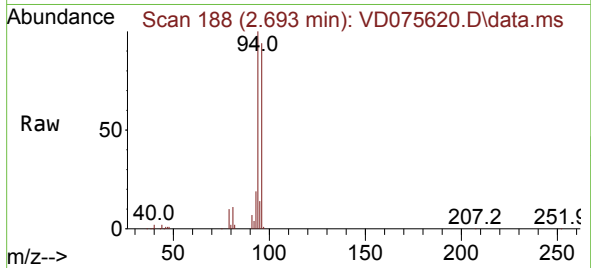




#5
Bromomethane
Concen: 50.723 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

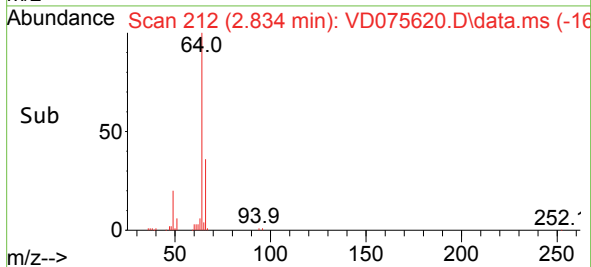
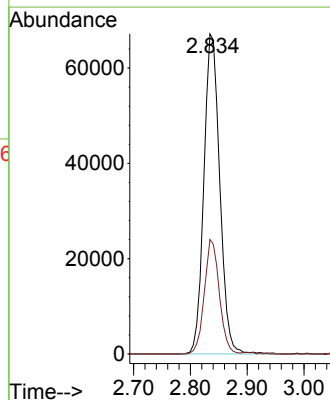
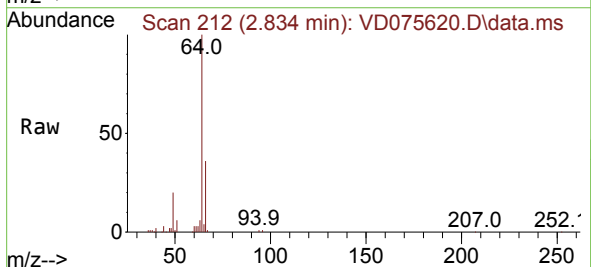
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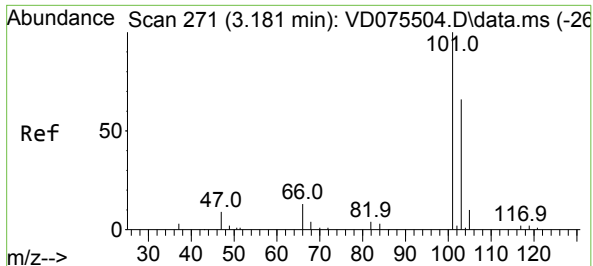
Tgt Ion: 94 Resp: 151347
Ion Ratio Lower Upper
94 100
96 94.6 77.5 116.3



#6
Chloroethane
Concen: 49.643 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion: 64 Resp: 130485
Ion Ratio Lower Upper
64 100
66 35.7 27.7 41.5

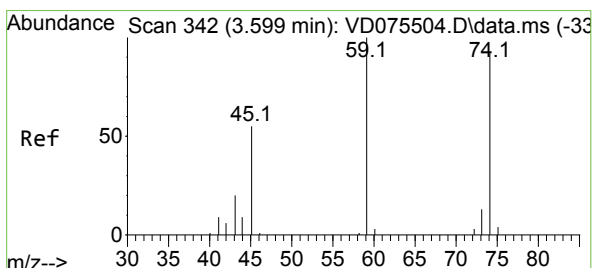
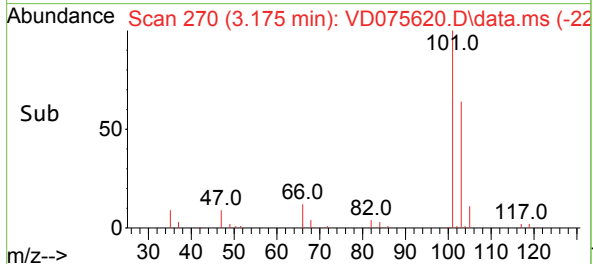
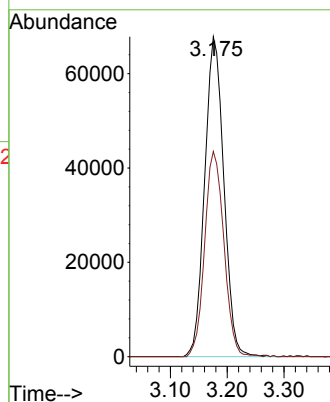
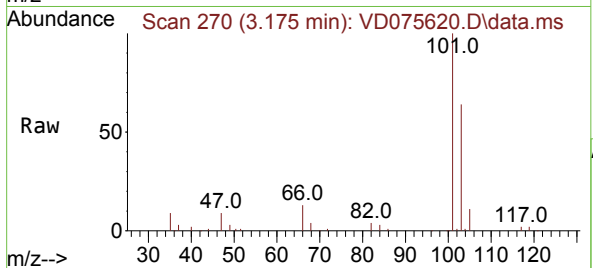




#7
Trichlorofluoromethane
Concen: 49.615 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

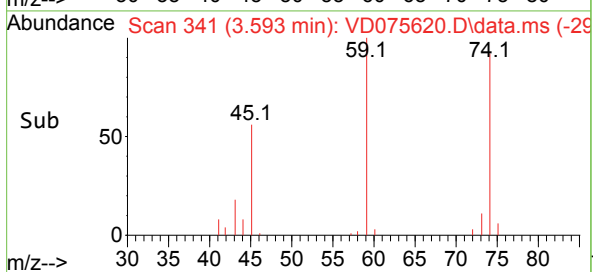
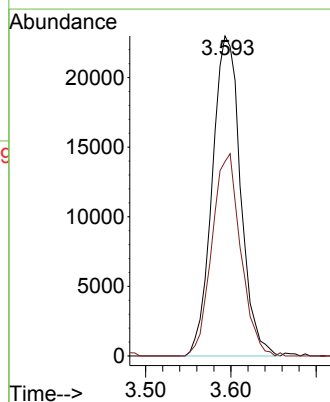
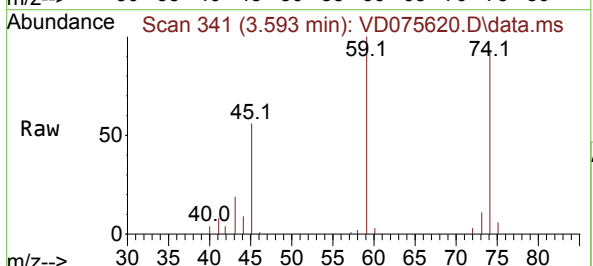
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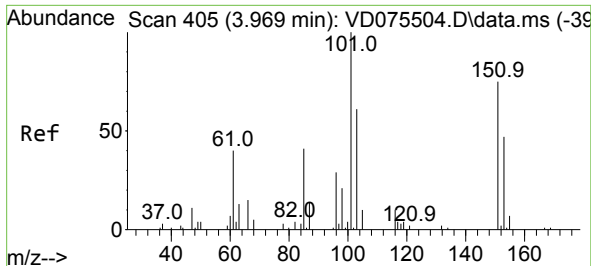
Tgt Ion:101 Resp: 158587
Ion Ratio Lower Upper
101 100
103 64.2 51.9 77.9



#8
Diethyl Ether
Concen: 53.710 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion: 74 Resp: 53025
Ion Ratio Lower Upper
74 100
45 64.2 50.9 152.7



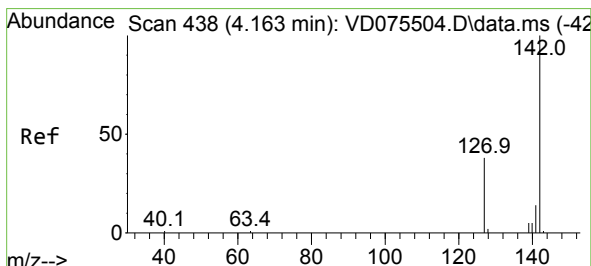
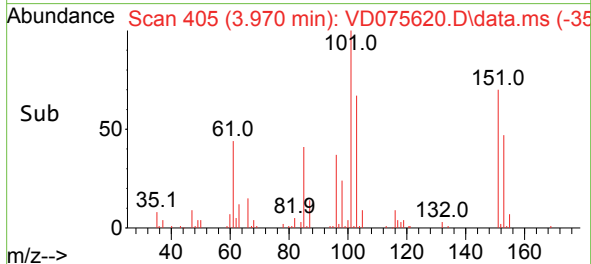
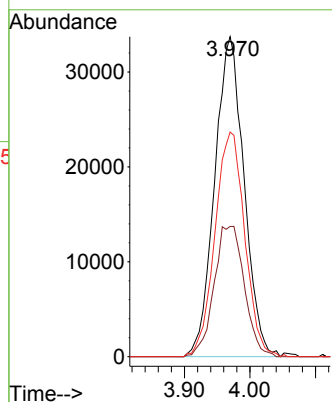
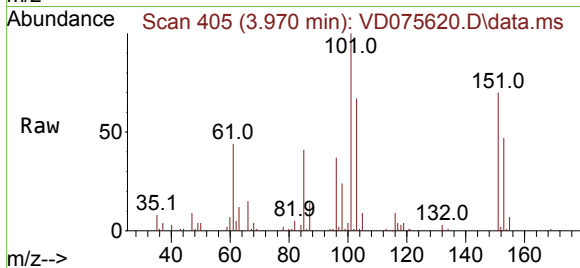


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.808 ug/l
 RT: 3.970 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD075620.D
 Acq: 11 Apr 2023 14:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 104795

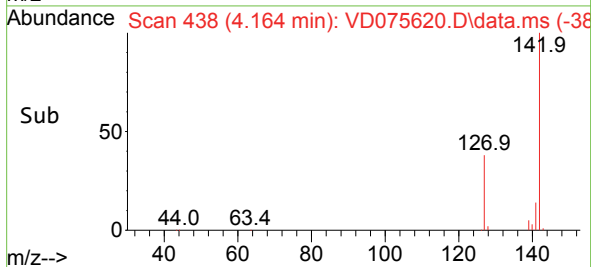
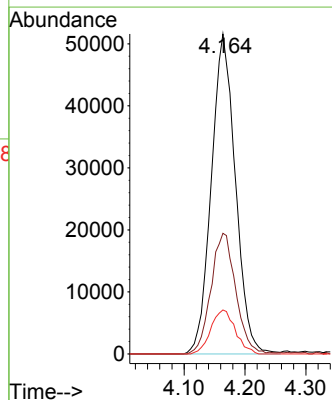
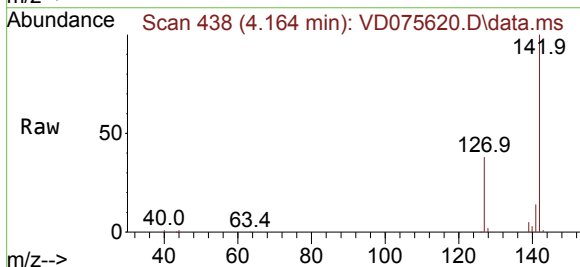
Ion	Ratio	Lower	Upper
101	100		
85	42.1	38.3	57.5
151	71.3	60.4	90.6

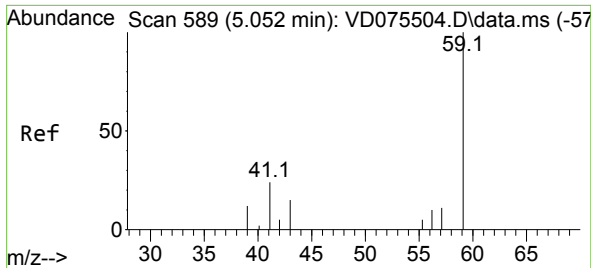


#10
 Methyl Iodide
 Concen: 56.301 ug/l
 RT: 4.164 min Scan# 438
 Delta R.T. -0.000 min
 Lab File: VD075620.D
 Acq: 11 Apr 2023 14:00

Tgt Ion:142 Resp: 141633

Ion	Ratio	Lower	Upper
142	100		
127	38.9	37.1	55.7
141	14.0	11.3	16.9

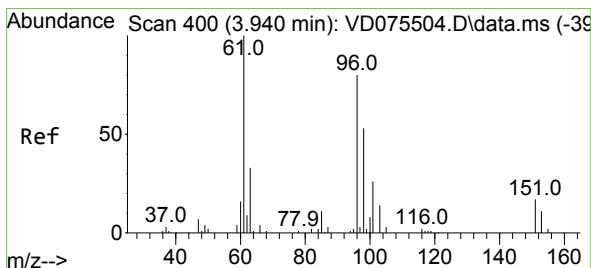
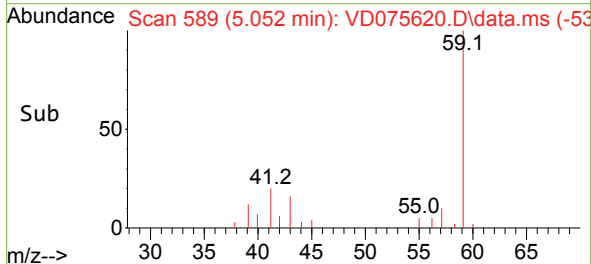
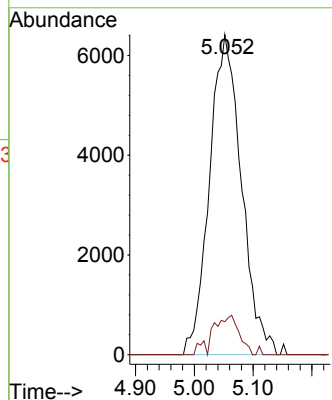
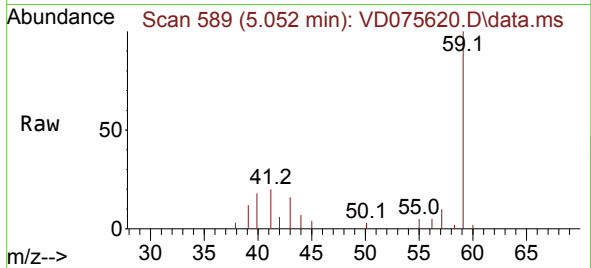




#11
Tert butyl alcohol
Concen: 286.510 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

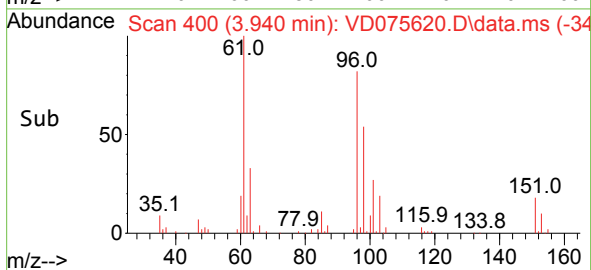
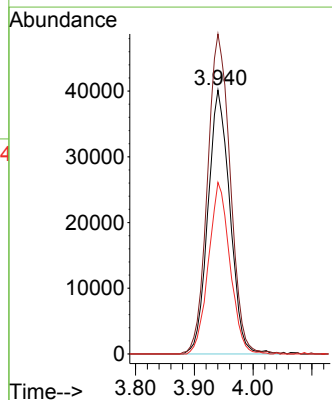
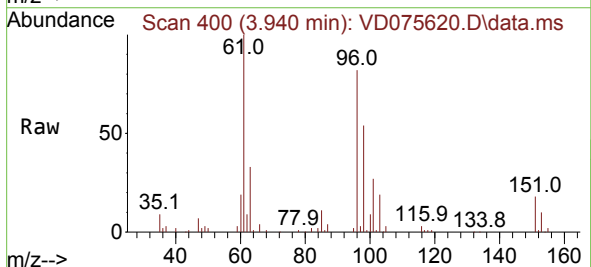
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

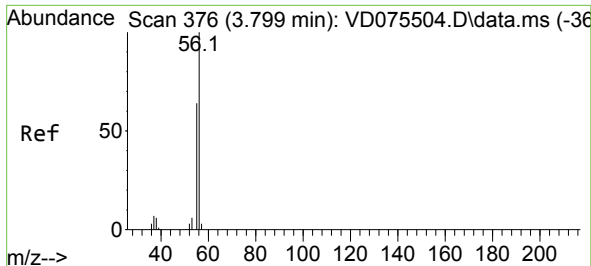
Tgt Ion: 59 Resp: 24208
Ion Ratio Lower Upper
59 100
57 10.2 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 51.475 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion: 96 Resp: 103952
Ion Ratio Lower Upper
96 100
61 121.3 118.6 177.8
98 65.0 49.7 74.5





#13

Acrolein

Concen: 262.707 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

Instrument :

MSVOA_D

ClientSampleId :

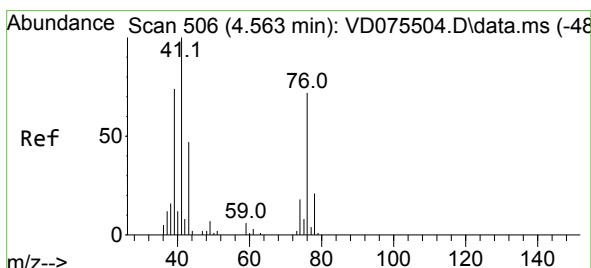
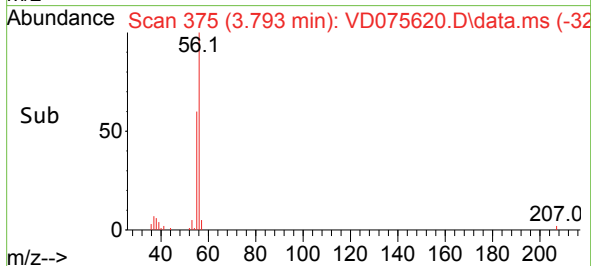
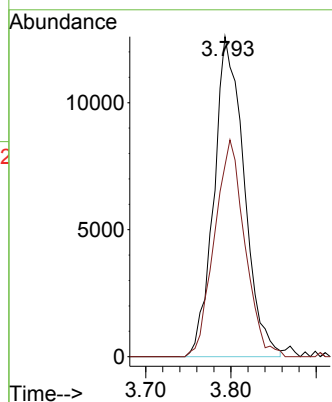
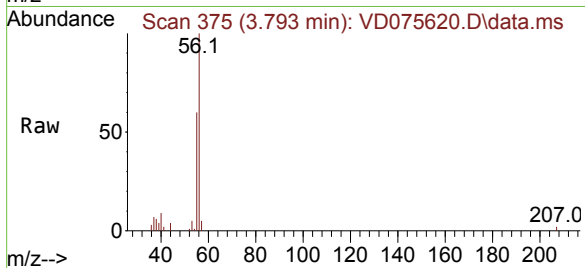
VSTDCCC050

Tgt Ion: 56 Resp: 30943

Ion Ratio Lower Upper

56 100

55 68.4 53.9 80.9



#14

Allyl chloride

Concen: 52.900 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

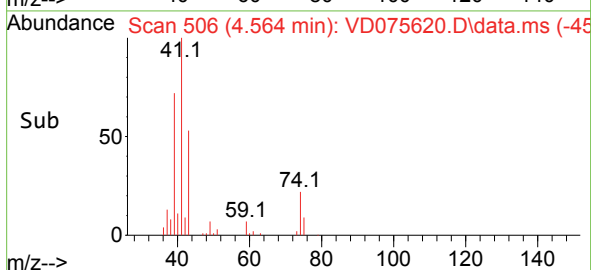
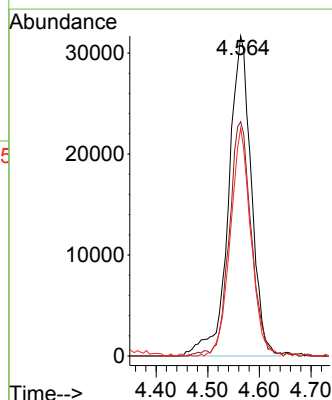
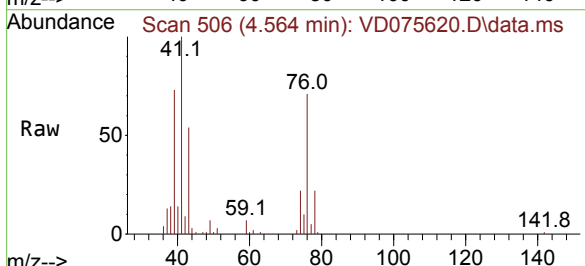
Tgt Ion: 41 Resp: 96414

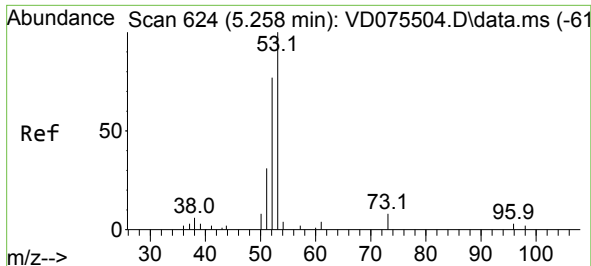
Ion Ratio Lower Upper

41 100

39 71.4 60.6 90.8

76 64.9 28.6 43.0#

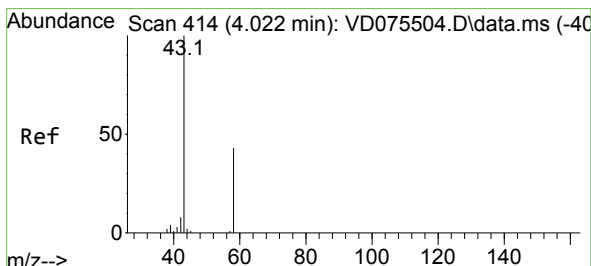
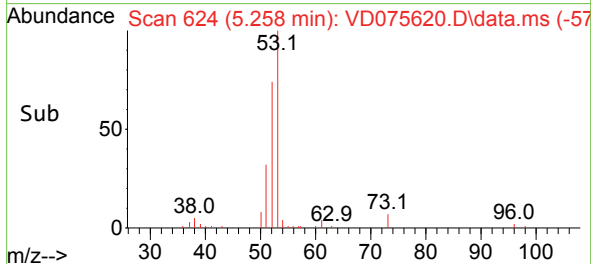
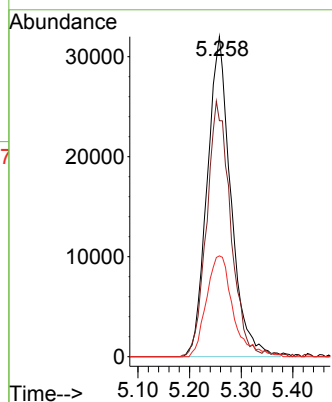
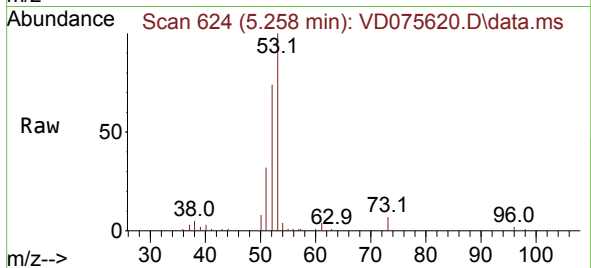




#15
Acrylonitrile
Concen: 268.872 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

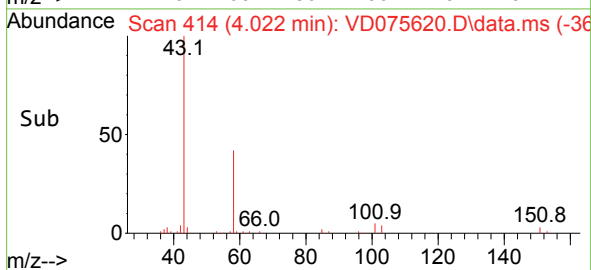
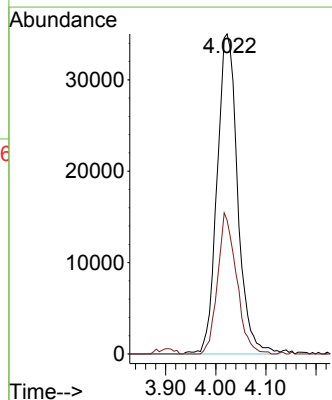
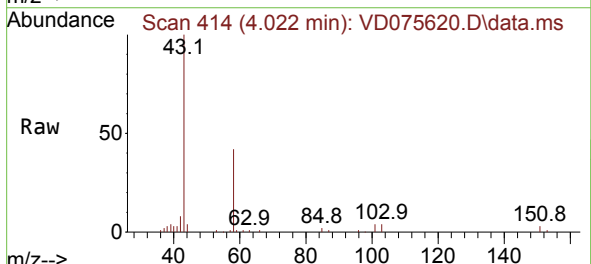
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

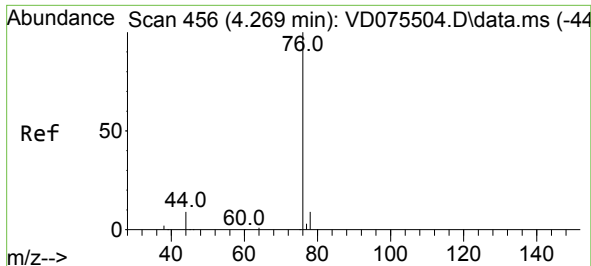
Tgt Ion: 53 Resp: 101719
Ion Ratio Lower Upper
53 100
52 80.4 66.2 99.4
51 35.5 30.7 46.1



#16
Acetone
Concen: 307.532 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion: 43 Resp: 100147
Ion Ratio Lower Upper
43 100
58 41.8 24.4 36.6#

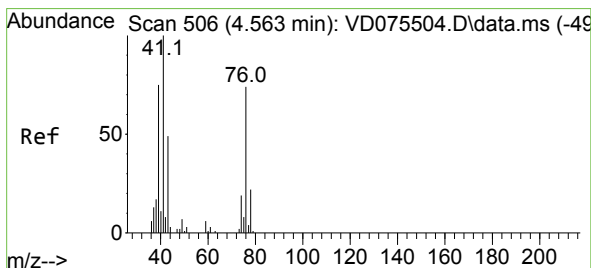
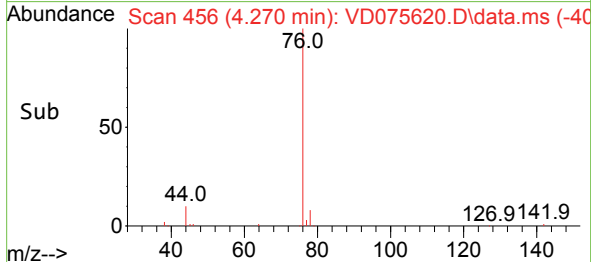
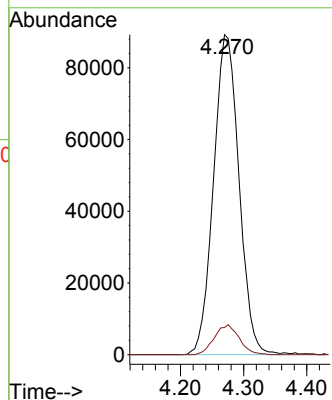
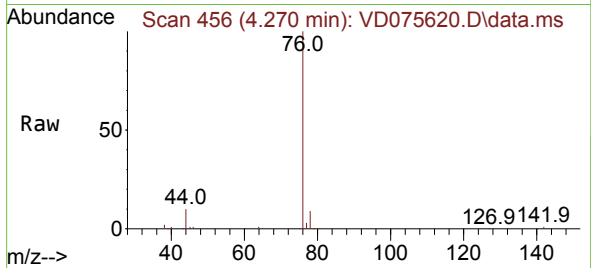




#17
Carbon Disulfide
Concen: 47.742 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

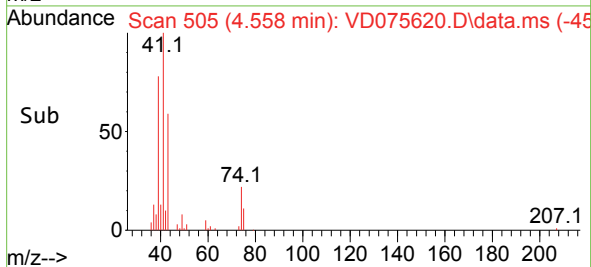
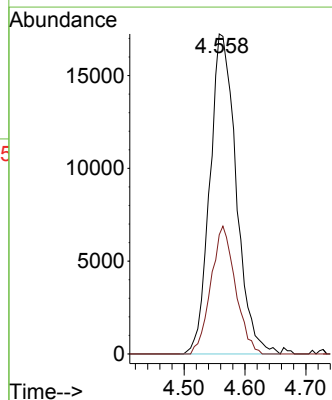
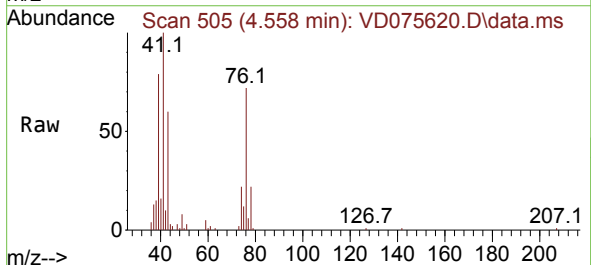
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

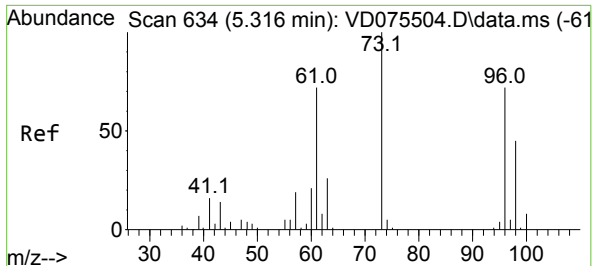
Tgt Ion: 76 Resp: 249539
Ion Ratio Lower Upper
76 100
78 8.5 8.0 12.0



#18
Methyl Acetate
Concen: 52.777 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.011 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion: 43 Resp: 51870
Ion Ratio Lower Upper
43 100
74 37.2 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 54.455 ug/l

RT: 5.317 min Scan# 61

Delta R.T. -0.005 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

Instrument :

MSVOA_D

ClientSampleId :

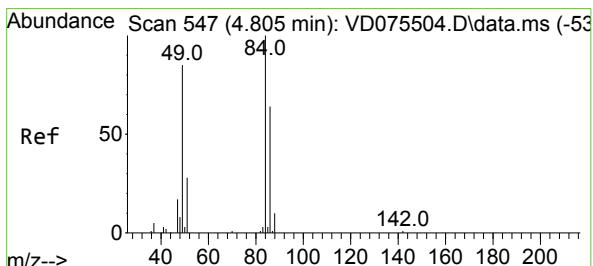
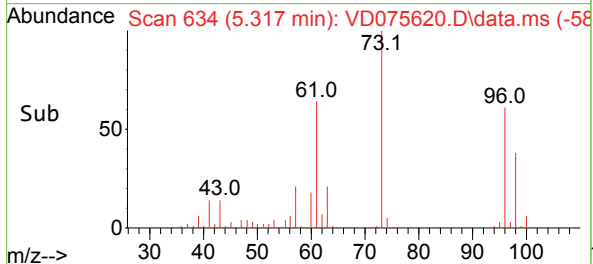
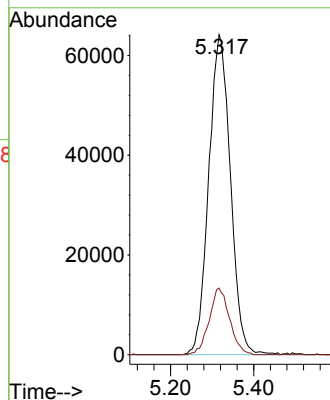
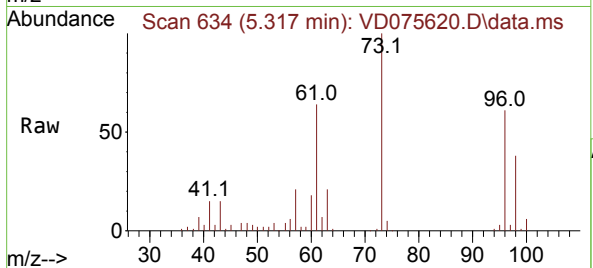
VSTDCCC050

Tgt Ion: 73 Resp: 232420

Ion Ratio Lower Upper

73 100

57 20.8 17.2 25.8



#20

Methylene Chloride

Concen: 60.865 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

Tgt Ion: 84 Resp: 161904

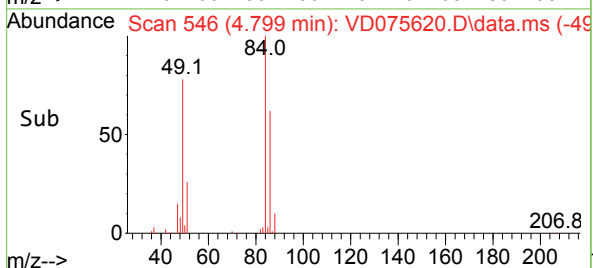
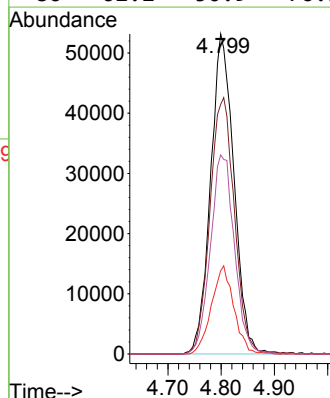
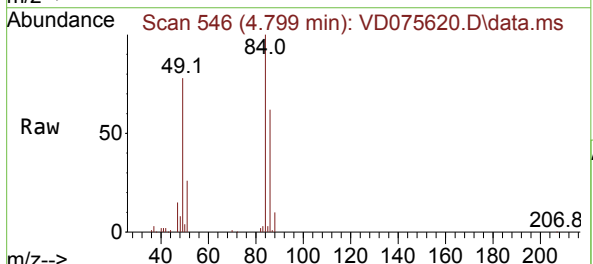
Ion Ratio Lower Upper

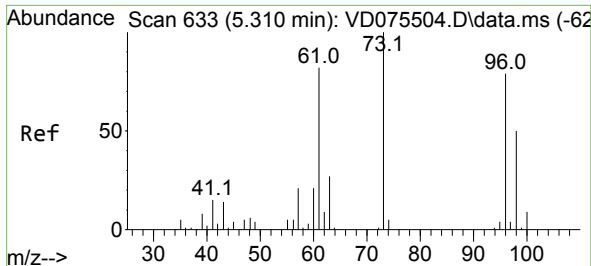
84 100

49 78.0 106.4 159.6#

51 26.0 32.4 48.6#

86 62.2 50.9 76.3

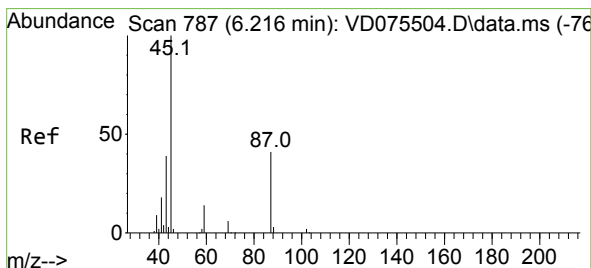
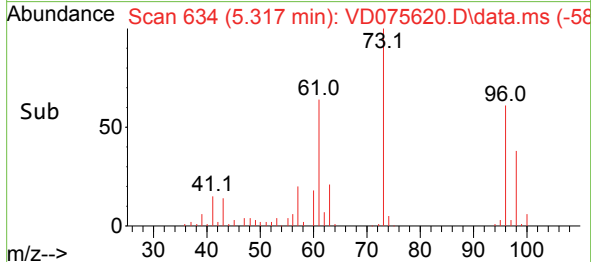
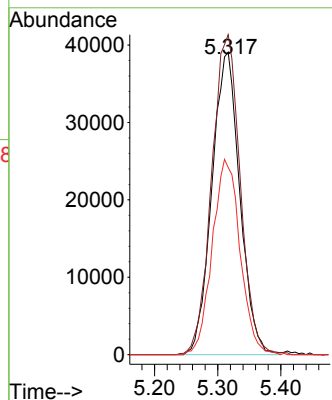
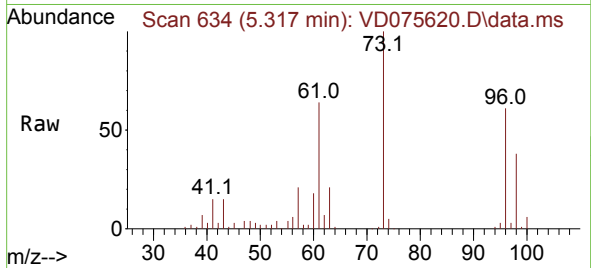




#21
trans-1,2-Dichloroethene
Concen: 50.345 ug/l
RT: 5.317 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

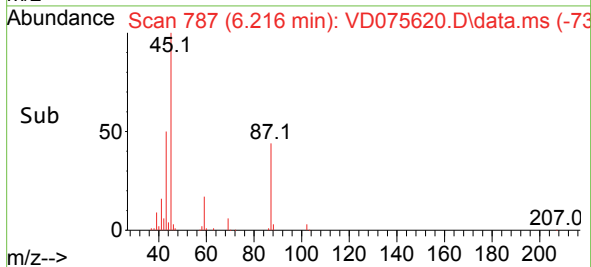
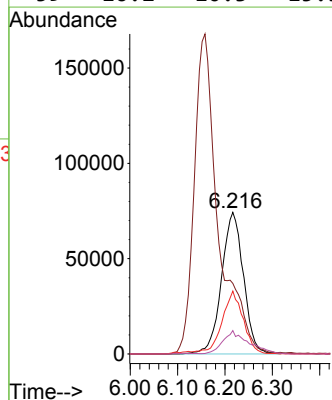
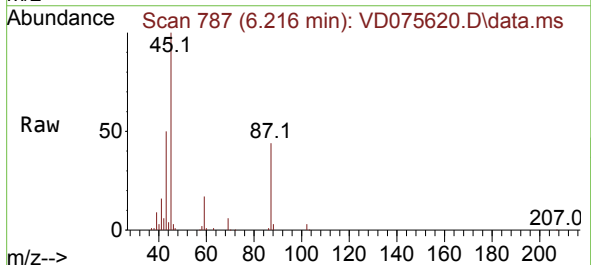
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

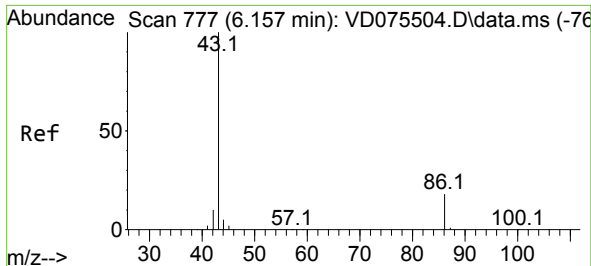
Tgt Ion: 96 Resp: 120008
Ion Ratio Lower Upper
96 100
61 105.4 117.2 175.8#
98 61.9 50.6 76.0



#22
Diisopropyl ether
Concen: 53.529 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion: 45 Resp: 239321
Ion Ratio Lower Upper
45 100
43 48.7 44.4 66.6
87 44.4 20.9 31.3#
59 16.2 10.3 15.5#

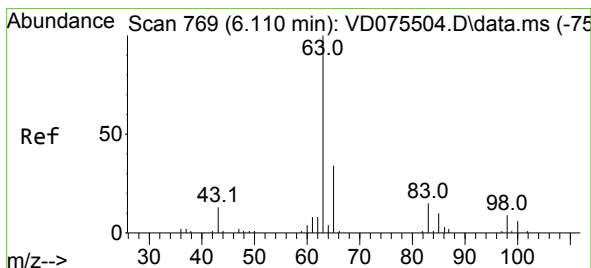
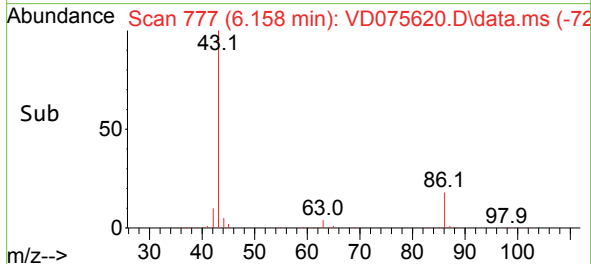
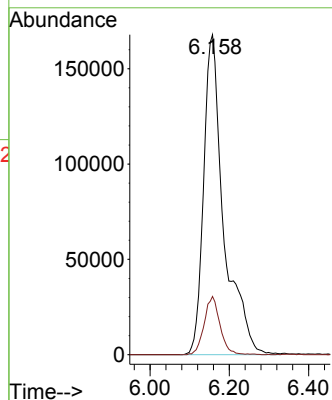
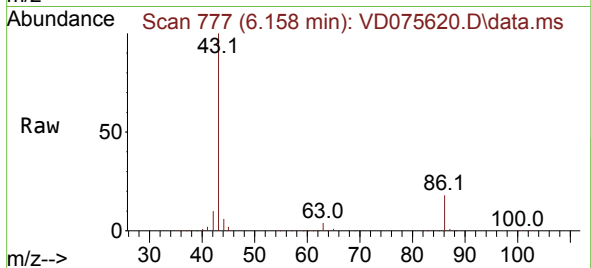




#23
 Vinyl Acetate
 Concen: 283.079 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD075620.D
 Acq: 11 Apr 2023 14:00

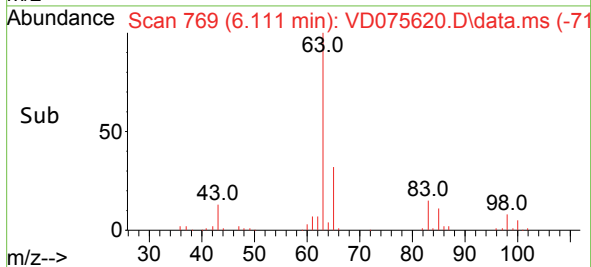
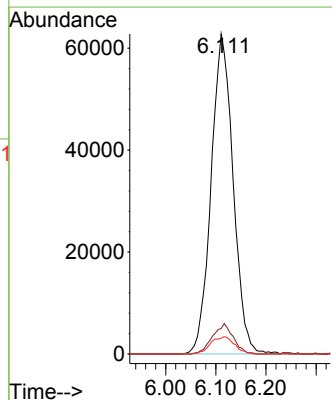
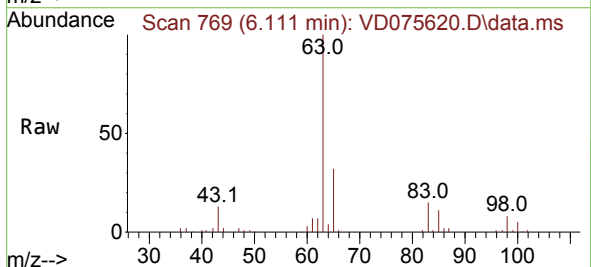
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

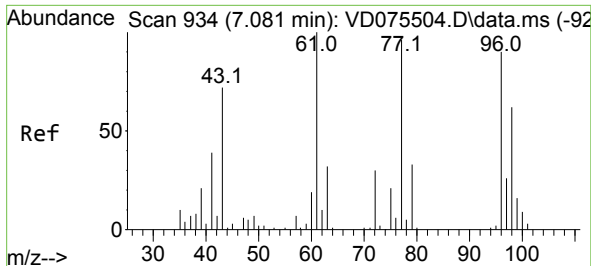
Tgt Ion: 43 Resp: 594008
 Ion Ratio Lower Upper
 43 100
 86 18.2 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 51.868 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD075620.D
 Acq: 11 Apr 2023 14:00

Tgt Ion: 63 Resp: 191497
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 4.9 2.0 6.0

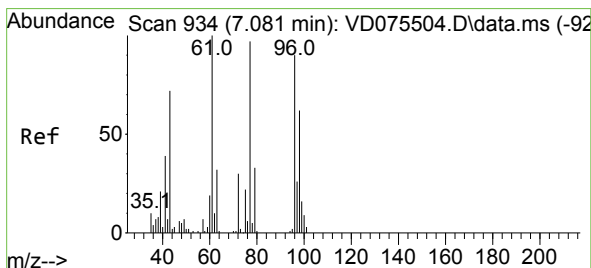
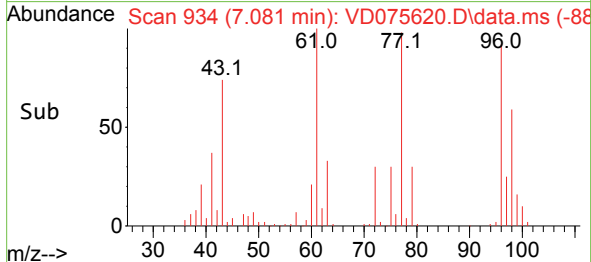
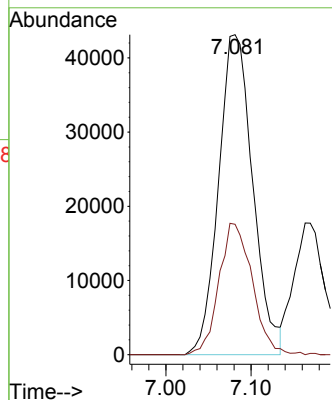
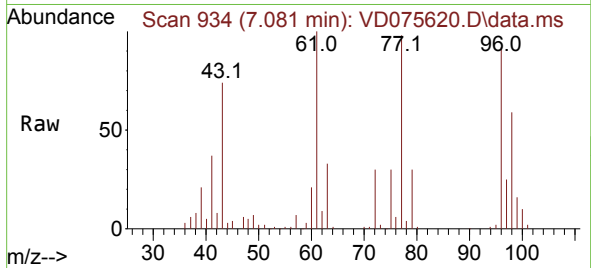




#25
2-Butanone
Concen: 284.632 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

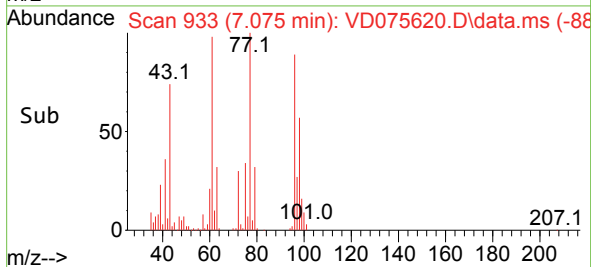
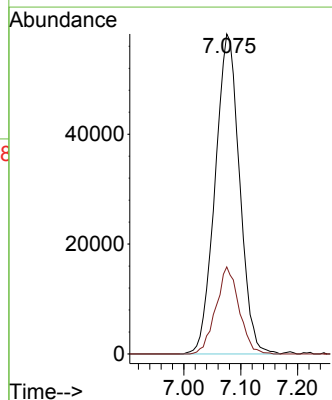
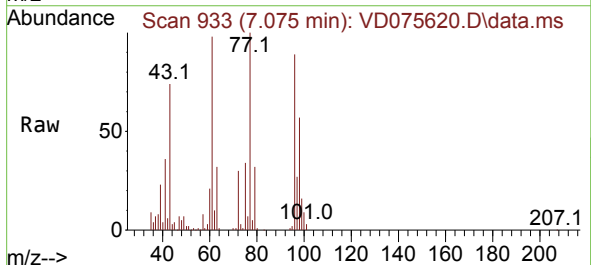
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

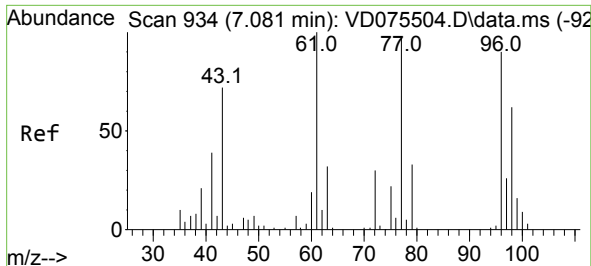
Tgt Ion: 43 Resp: 120290
Ion Ratio Lower Upper
43 100
72 40.7 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 51.461 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion: 77 Resp: 174295
Ion Ratio Lower Upper
77 100
97 25.8 11.1 33.1

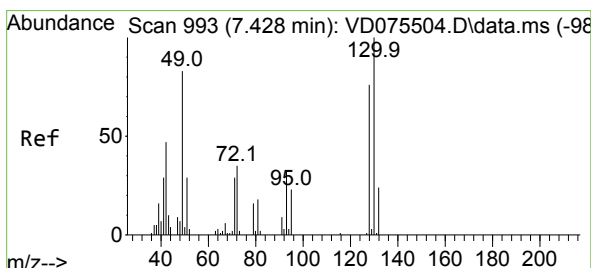
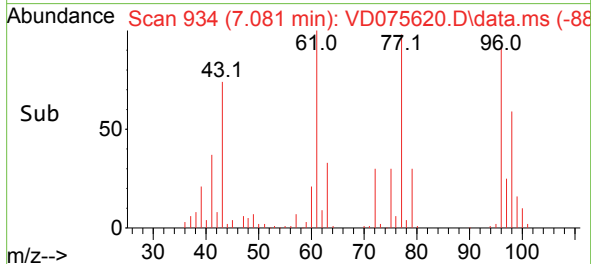
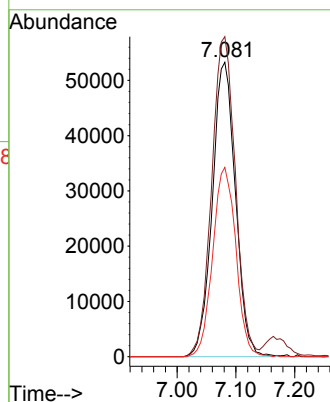
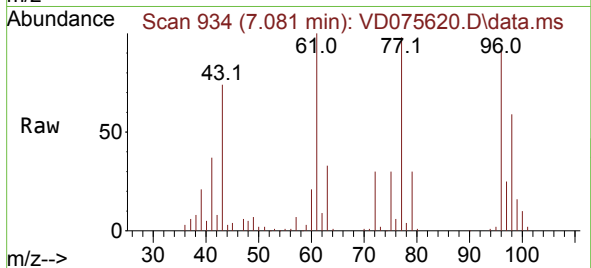




#27
 cis-1,2-Dichloroethene
 Concen: 52.012 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD075620.D
 Acq: 11 Apr 2023 14:00

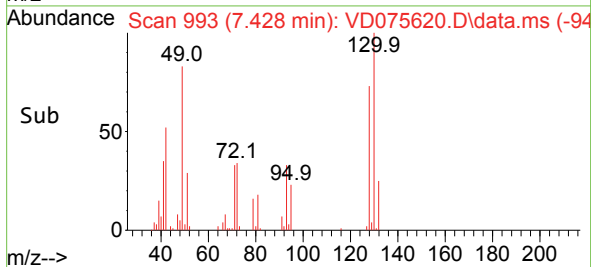
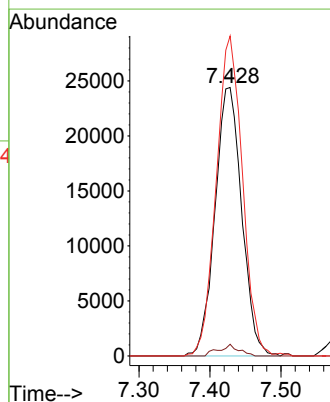
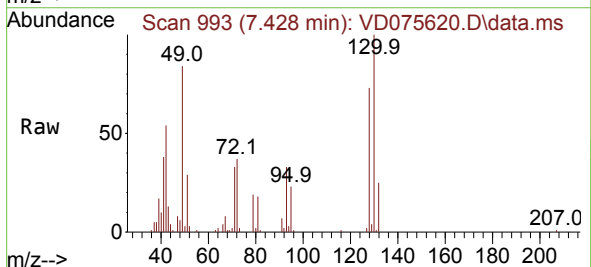
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

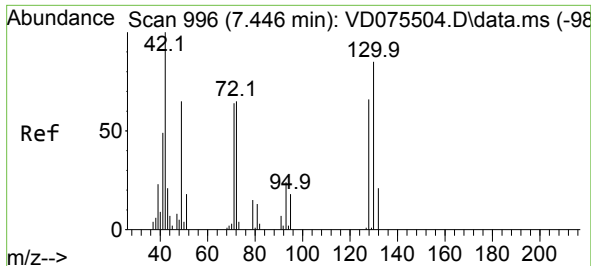
Tgt Ion: 96 Resp: 145979
 Ion Ratio Lower Upper
 96 100
 61 111.2 0.0 295.2
 98 64.2 0.0 129.2



#28
 Bromochloromethane
 Concen: 50.480 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD075620.D
 Acq: 11 Apr 2023 14:00

Tgt Ion: 49 Resp: 63679
 Ion Ratio Lower Upper
 49 100
 129 3.2 0.0 2.2#
 130 116.7 56.0 84.0#





#29

Tetrahydrofuran

Concen: 285.324 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

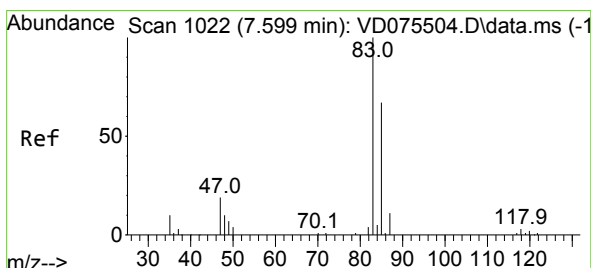
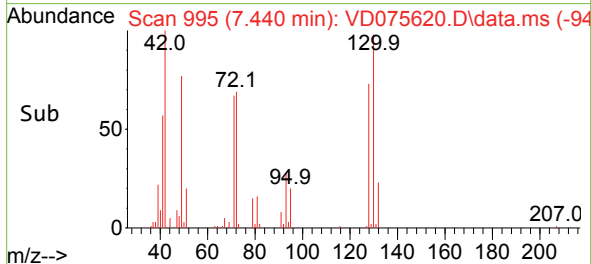
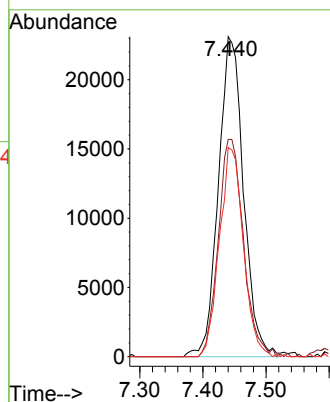
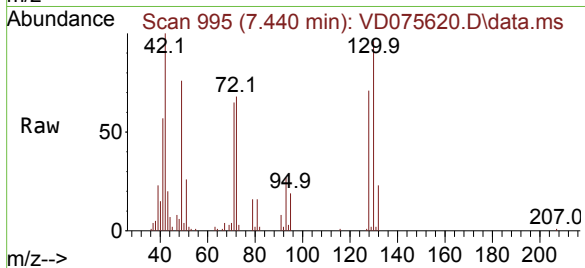
Tgt Ion: 42 Resp: 63855

Ion Ratio Lower Upper

42 100

72 67.8 31.8 47.6#

71 62.1 27.6 41.4#



#30

Chloroform

Concen: 52.044 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075620.D

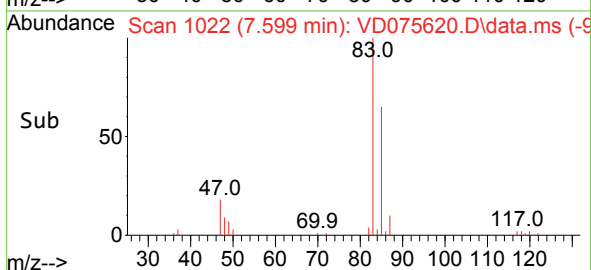
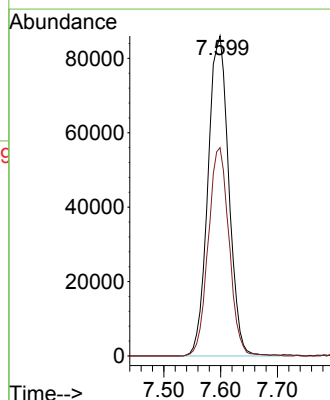
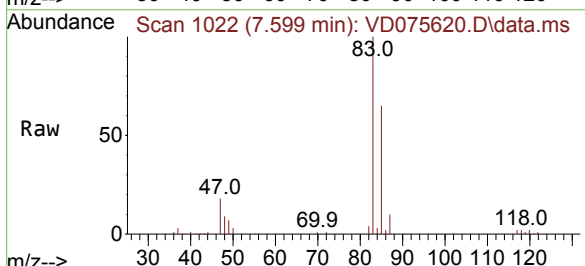
Acq: 11 Apr 2023 14:00

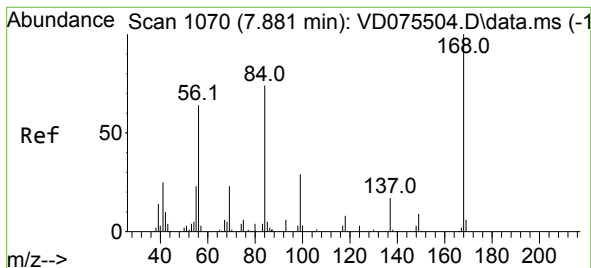
Tgt Ion: 83 Resp: 218593

Ion Ratio Lower Upper

83 100

85 65.1 49.4 74.2





#31

Cyclohexane

Concen: 46.354 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

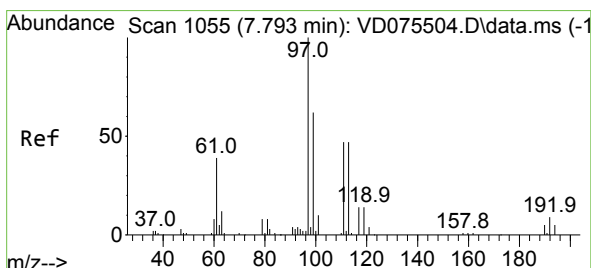
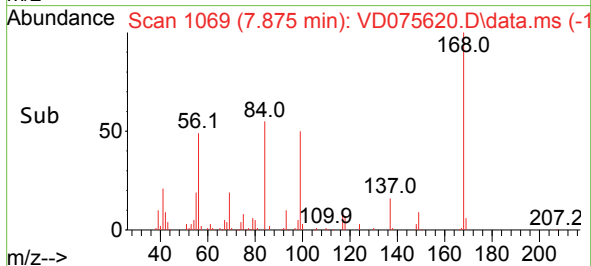
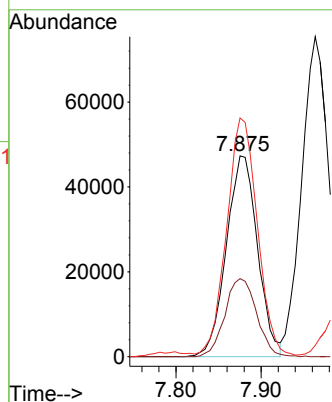
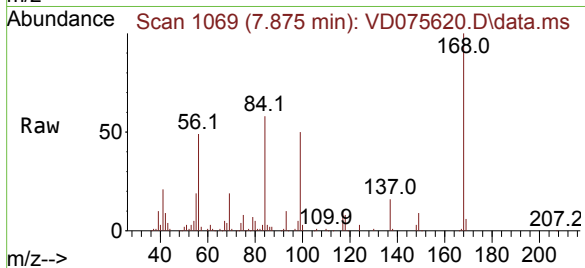
Tgt Ion: 56 Resp: 120527

Ion Ratio Lower Upper

56 100

69 38.9 25.5 38.3#

84 117.2 69.6 104.4#



#32

1,1,1-Trichloroethane

Concen: 51.911 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

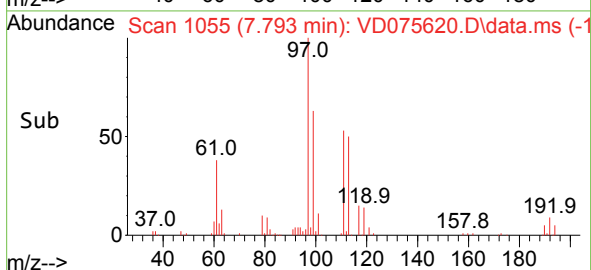
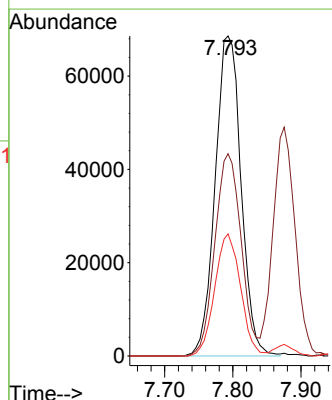
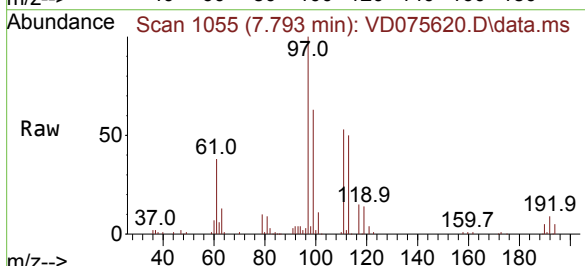
Tgt Ion: 97 Resp: 181451

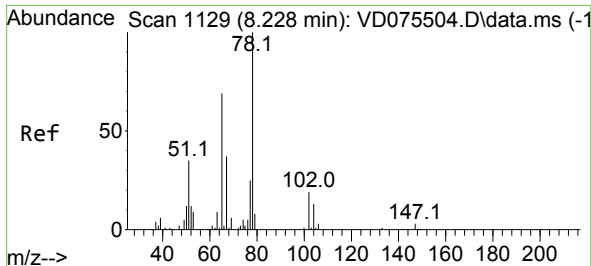
Ion Ratio Lower Upper

97 100

99 64.6 50.5 75.7

61 38.1 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 53.612 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

Instrument :

MSVOA_D

ClientSampleId :

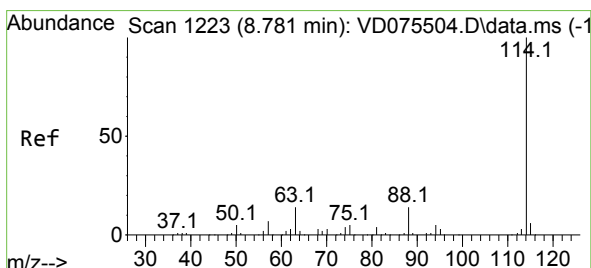
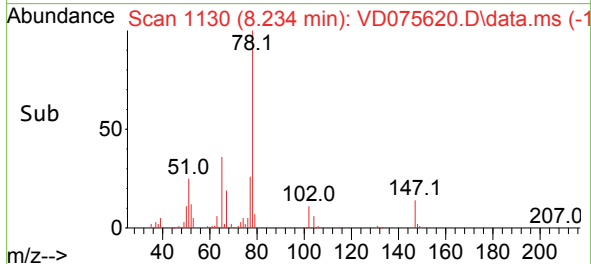
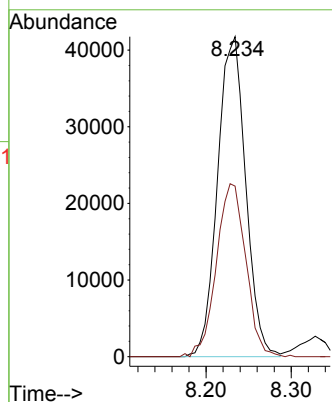
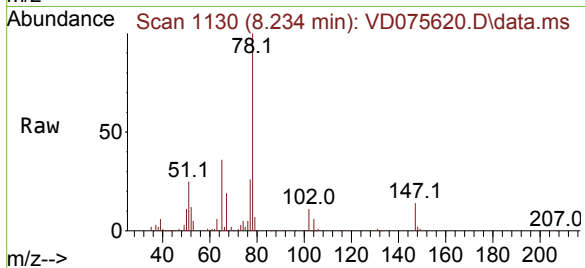
VSTDCCC050

Tgt Ion: 65 Resp: 95816

Ion Ratio Lower Upper

65 100

67 56.4 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

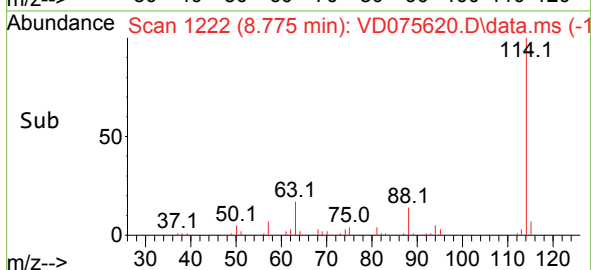
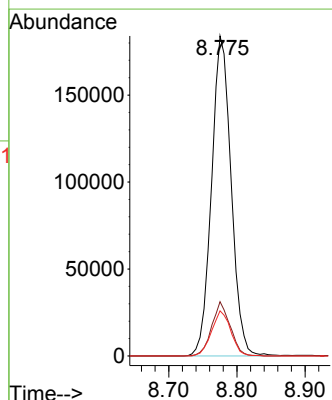
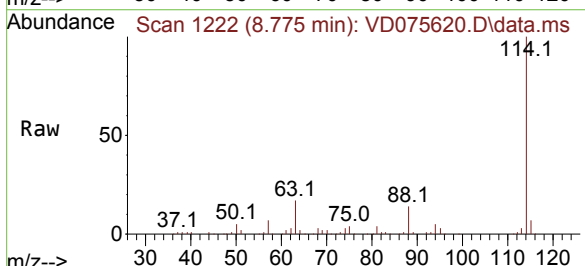
Tgt Ion: 114 Resp: 368455

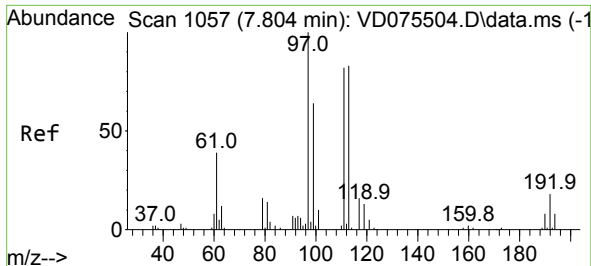
Ion Ratio Lower Upper

114 100

63 17.0 0.0 41.6

88 14.1 0.0 30.6

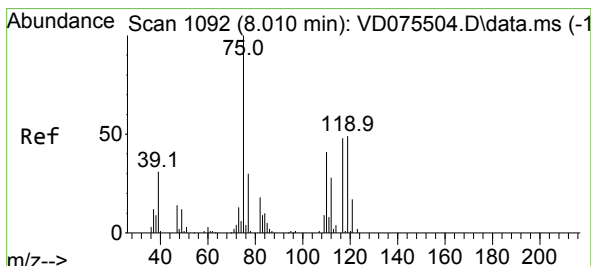
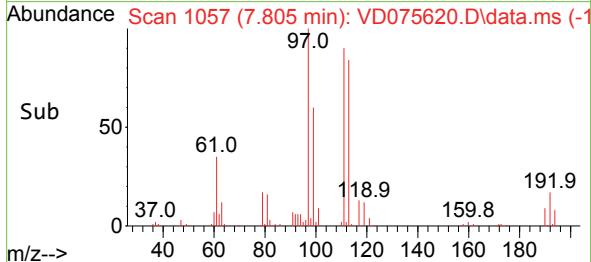
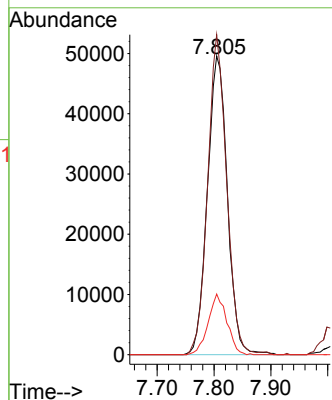
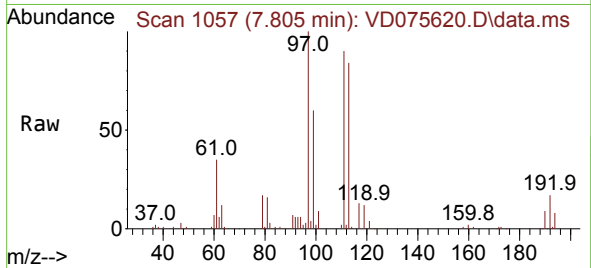




#35
 Dibromofluoromethane
 Concen: 56.067 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VD075620.D
 Acq: 11 Apr 2023 14:00

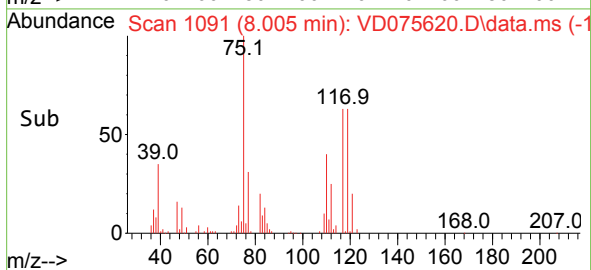
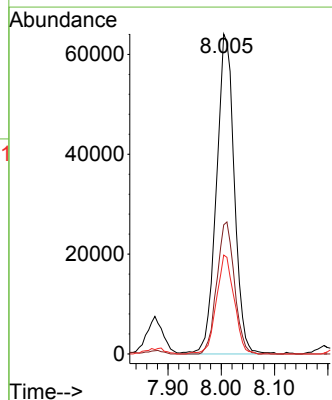
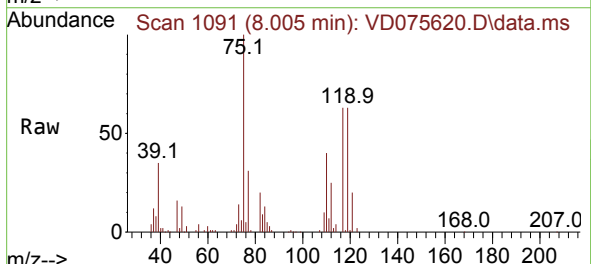
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

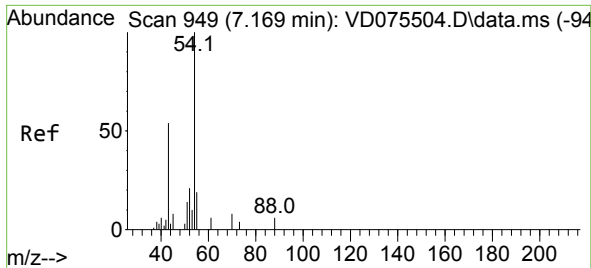
Tgt Ion:113 Resp: 121069
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.0
 192 19.1 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 54.146 ug/l
 RT: 8.005 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VD075620.D
 Acq: 11 Apr 2023 14:00

Tgt Ion: 75 Resp: 149323
 Ion Ratio Lower Upper
 75 100
 110 40.6 17.1 51.2
 77 30.7 24.6 36.8

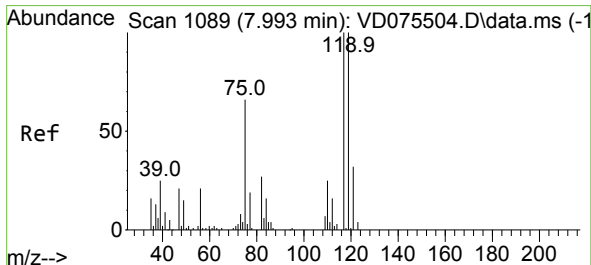
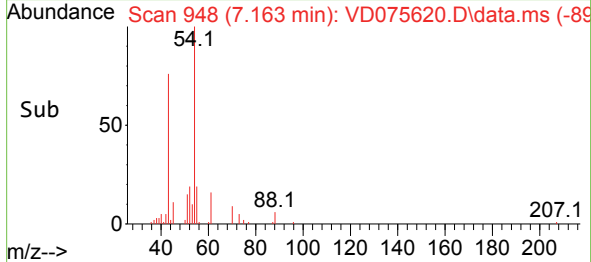
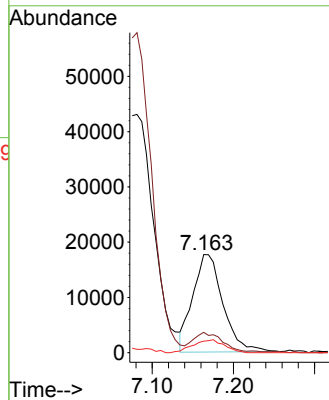
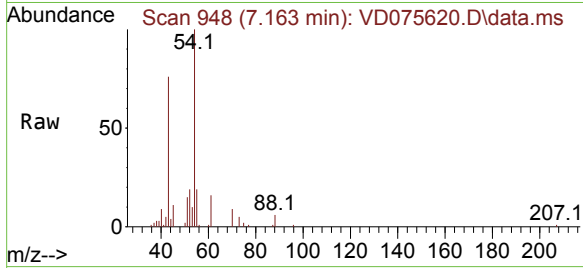




#37
Ethyl Acetate
Concen: 54.810 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

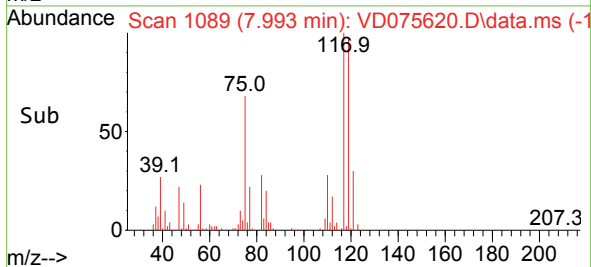
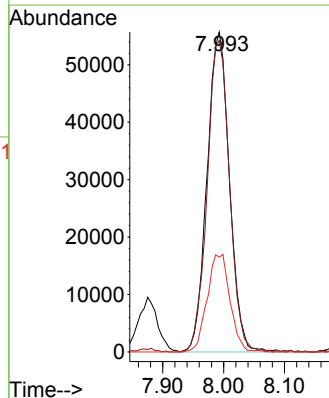
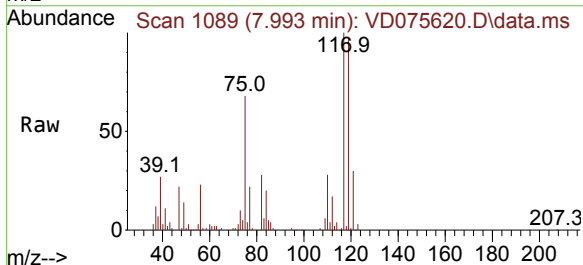
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

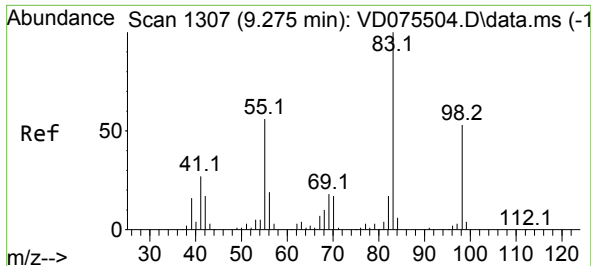
Tgt Ion: 43 Resp: 45445
Ion Ratio Lower Upper
43 100
61 19.2 0.0 0.0#
70 13.8 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 53.871 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion: 117 Resp: 142471
Ion Ratio Lower Upper
117 100
119 97.3 74.7 112.1
121 29.6 25.9 38.9





#39

Methylcyclohexane

Concen: 51.288 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

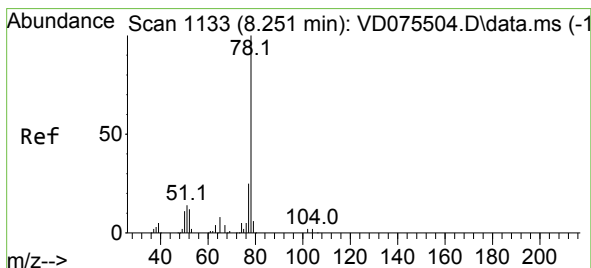
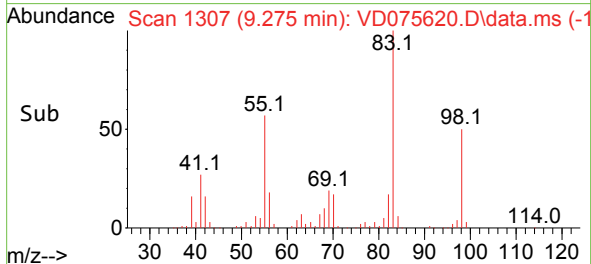
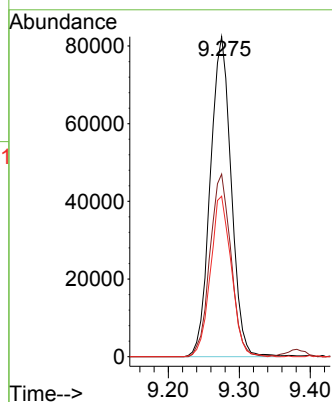
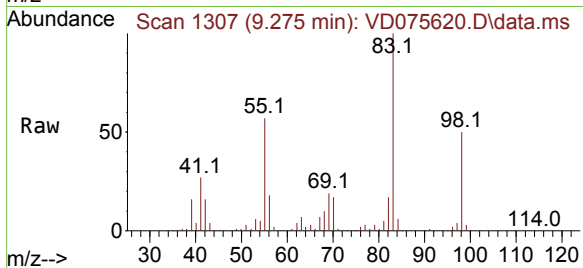
Tgt Ion: 83 Resp: 168421

Ion Ratio Lower Upper

83 100

55 57.1 56.8 85.2

98 50.1 38.9 58.3



#40

Benzene

Concen: 54.121 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075620.D

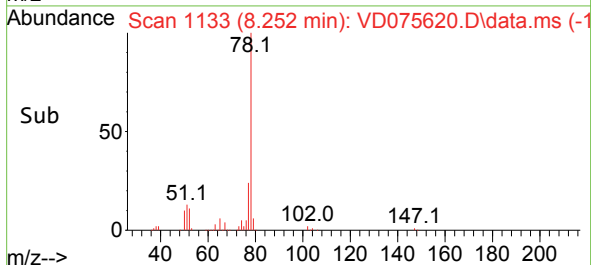
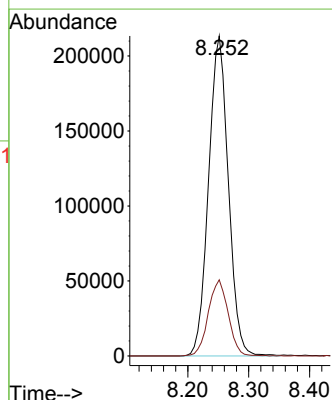
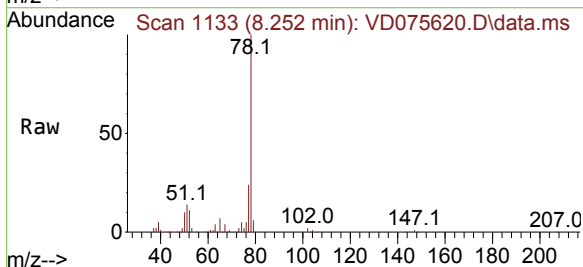
Acq: 11 Apr 2023 14:00

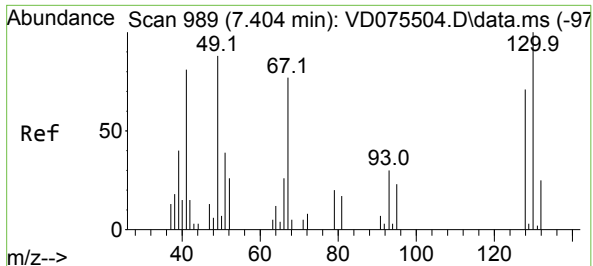
Tgt Ion: 78 Resp: 480932

Ion Ratio Lower Upper

78 100

77 23.8 19.1 28.7

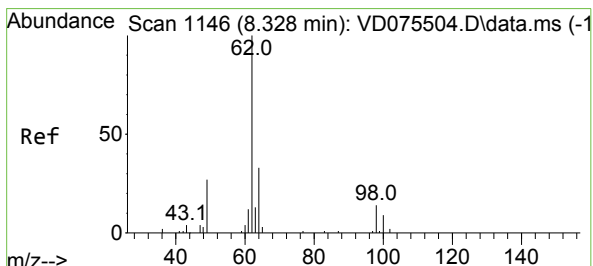
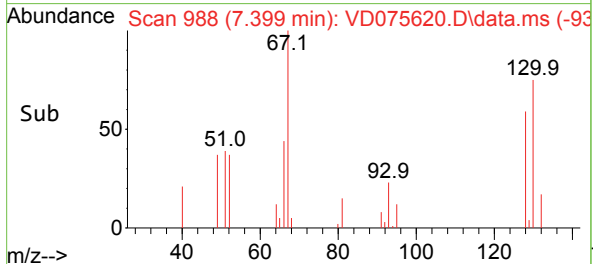
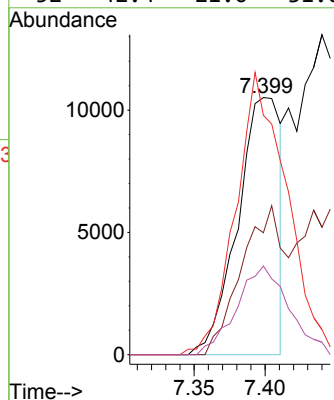
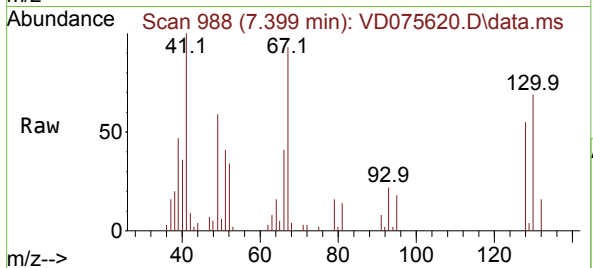




#41
Methacrylonitrile
Concen: 48.691 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

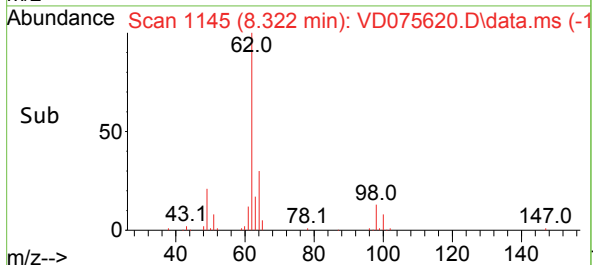
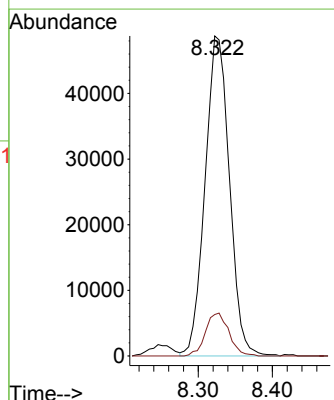
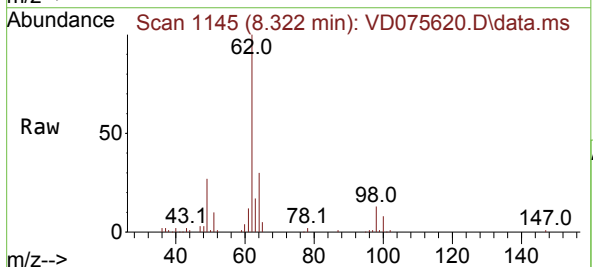
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

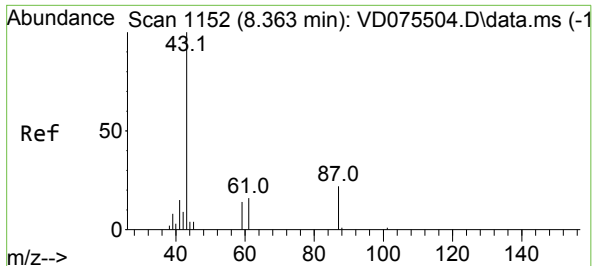
Tgt Ion: 41 Resp: 22109
Ion Ratio Lower Upper
41 100
39 57.8 45.3 67.9
67 130.1 50.5 75.7#
52 42.4 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 54.008 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion: 62 Resp: 111510
Ion Ratio Lower Upper
62 100
98 12.9 0.0 18.8

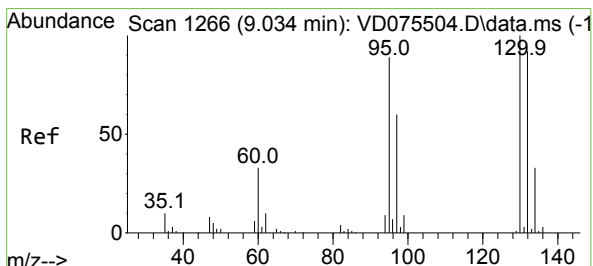
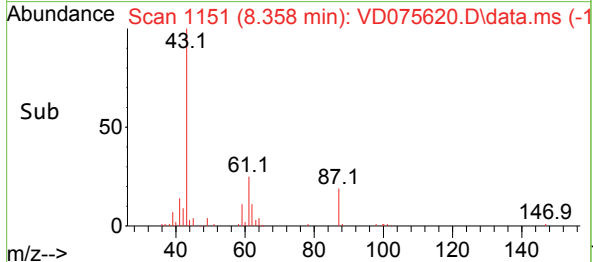
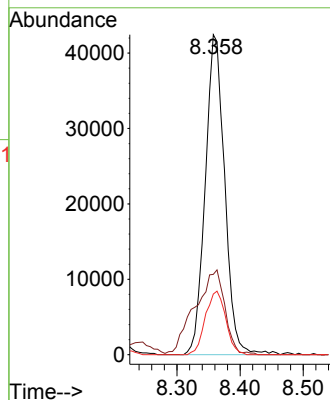
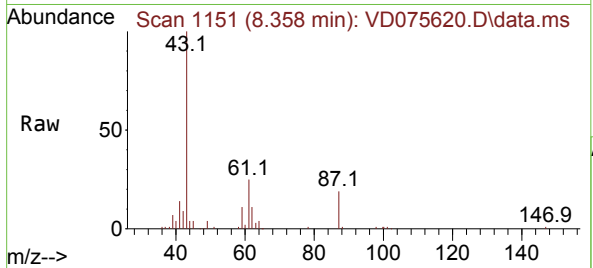




#43
Isopropyl Acetate
Concen: 57.459 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

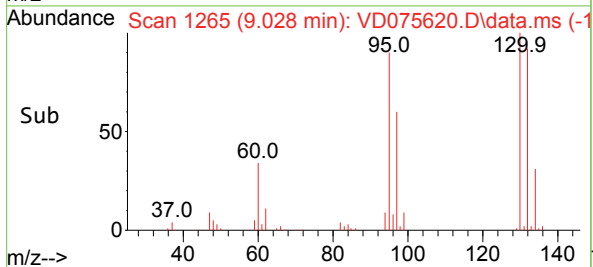
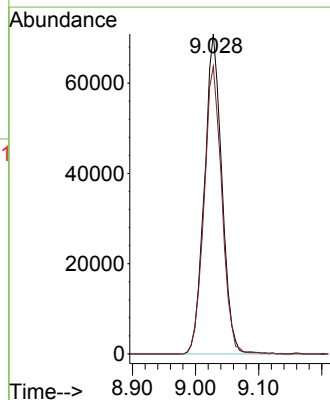
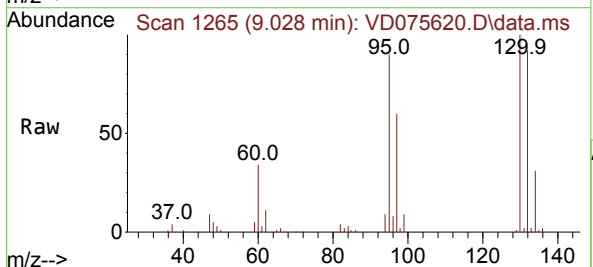
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MSVOA_D
ClientSampleId :
VSTDCCC050

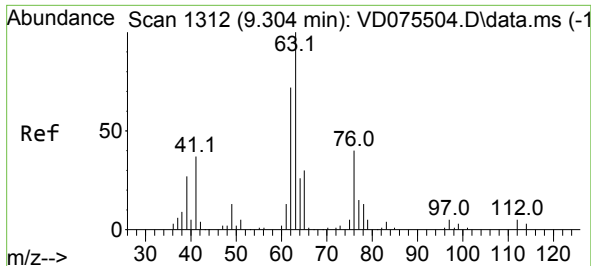
Tgt Ion: 43 Resp: 90945
Ion Ratio Lower Upper
43 100
61 40.6 23.4 35.0#
87 20.7 9.5 14.3#



#44
Trichloroethene
Concen: 52.418 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion:130 Resp: 136436
Ion Ratio Lower Upper
130 100
95 89.8 0.0 197.6





#45

1,2-Dichloropropane

Concen: 53.625 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

Instrument :

MSVOA_D

ClientSampleId :

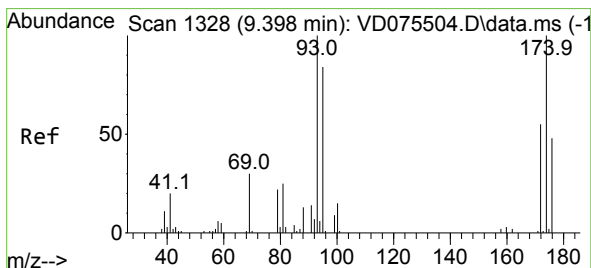
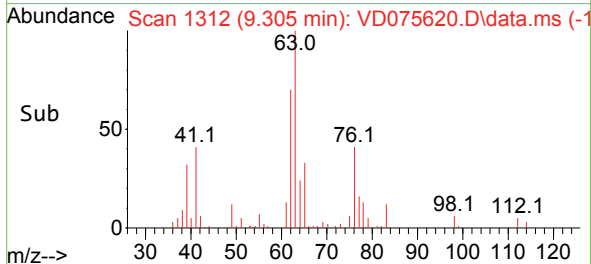
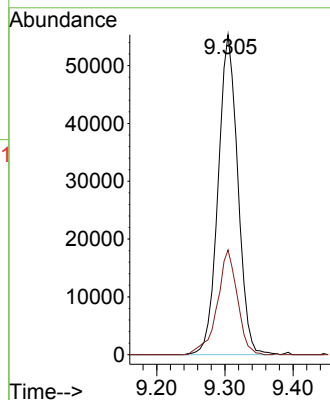
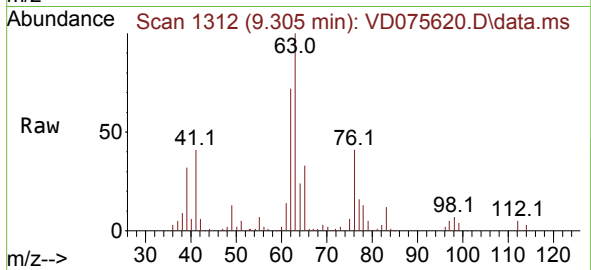
VSTDCCC050

Tgt Ion: 63 Resp: 111164

Ion Ratio Lower Upper

63 100

65 32.8 23.0 34.4



#46

Dibromomethane

Concen: 54.084 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

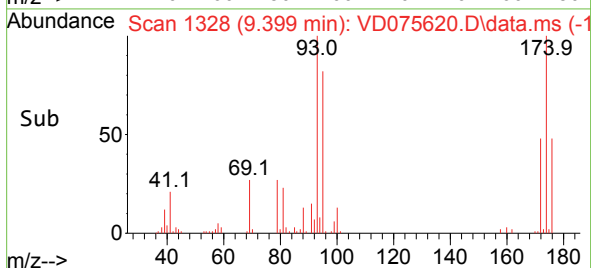
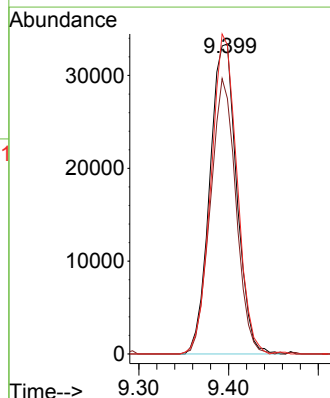
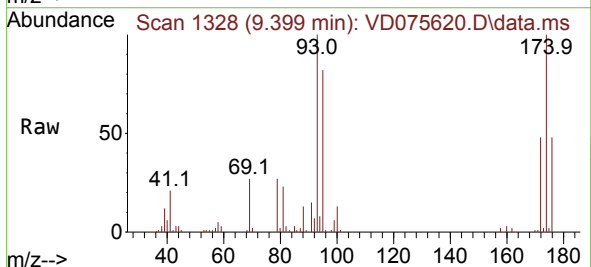
Tgt Ion: 93 Resp: 69611

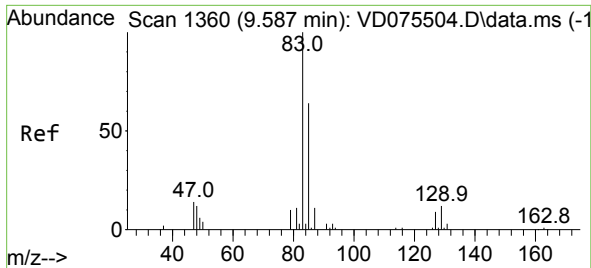
Ion Ratio Lower Upper

93 100

95 84.2 64.5 96.7

174 99.4 76.2 114.4

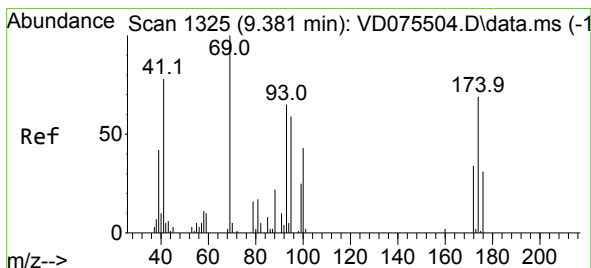
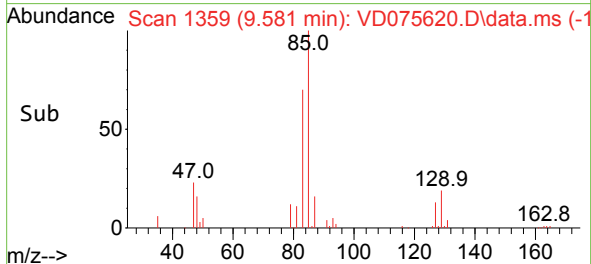
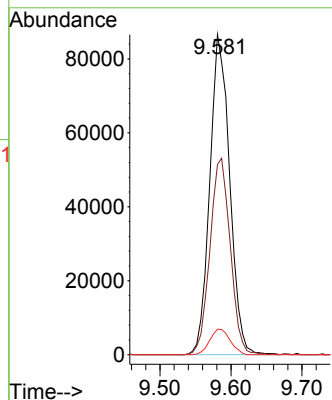
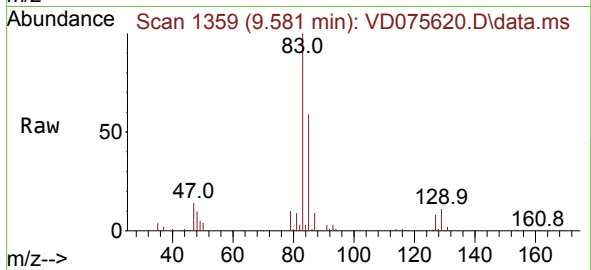




#47
Bromodichloromethane
Concen: 54.055 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

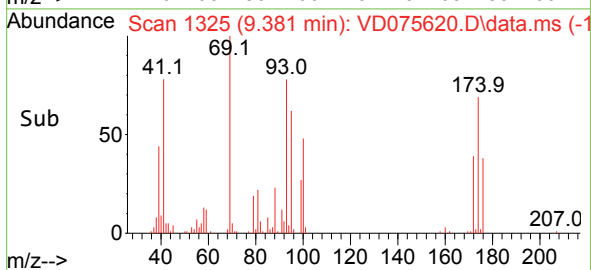
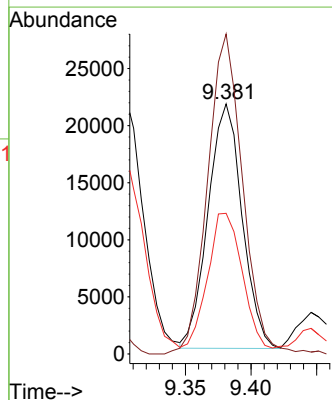
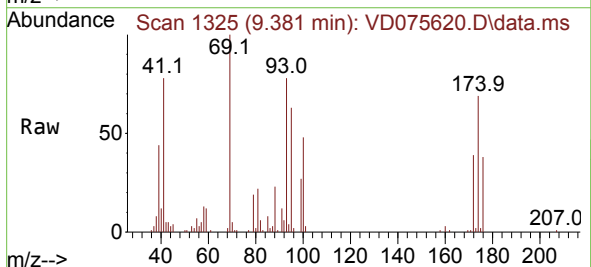
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

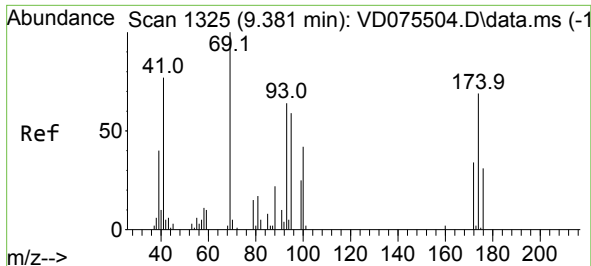
Tgt Ion: 83 Resp: 168249
Ion Ratio Lower Upper
83 100
85 59.5 53.7 80.5
127 8.0 7.0 10.6



#48
Methyl methacrylate
Concen: 53.964 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion: 41 Resp: 38708
Ion Ratio Lower Upper
41 100
69 134.6 58.6 88.0#
39 60.5 53.4 80.0





#49

1,4-Dioxane

Concen: 1253.753 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

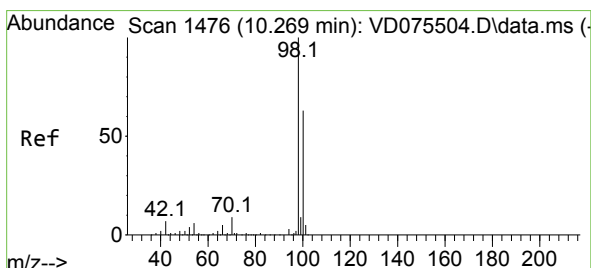
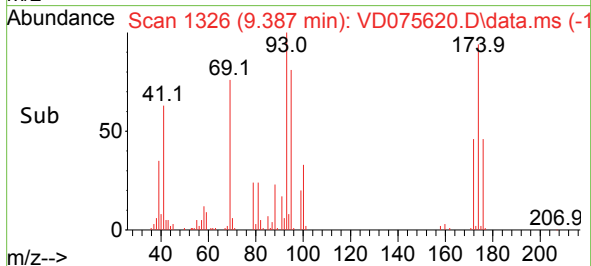
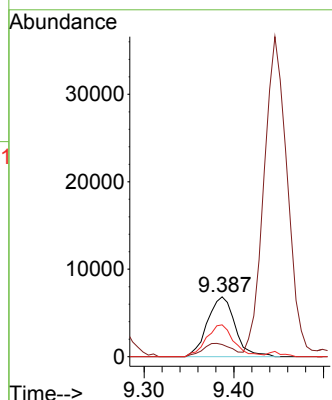
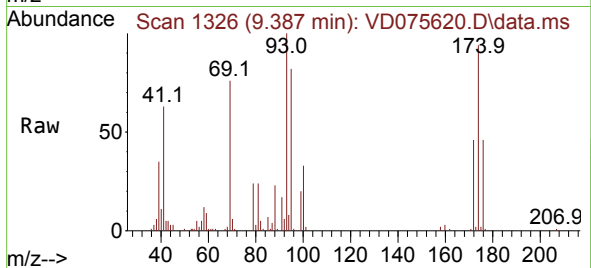
Tgt Ion: 88 Resp: 14628

Ion Ratio Lower Upper

88 100

43 23.8 34.6 51.8#

58 53.3 58.0 87.0#



#50

Toluene-d8

Concen: 55.888 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075620.D

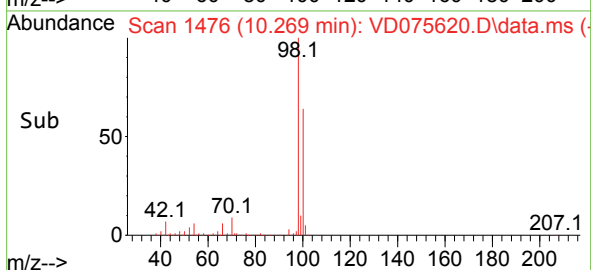
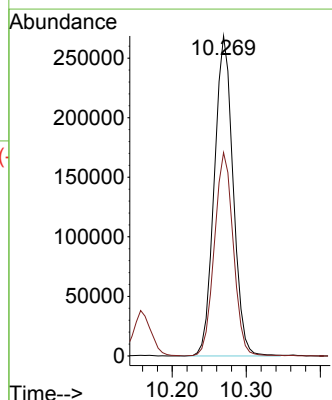
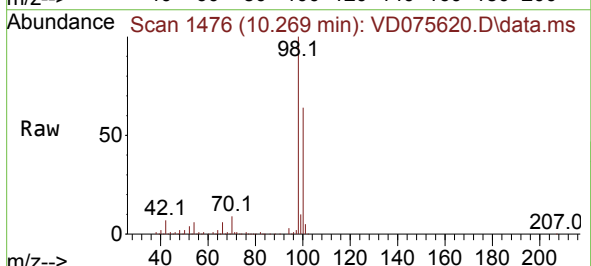
Acq: 11 Apr 2023 14:00

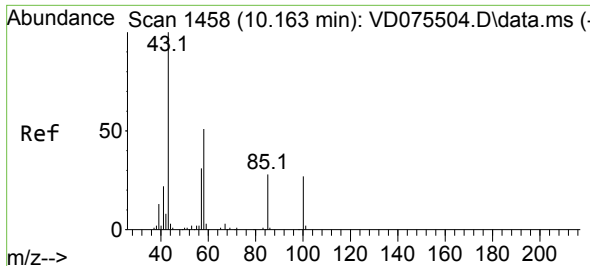
Tgt Ion: 98 Resp: 473362

Ion Ratio Lower Upper

98 100

100 64.0 52.1 78.1

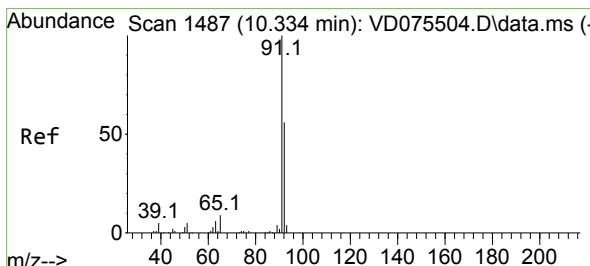
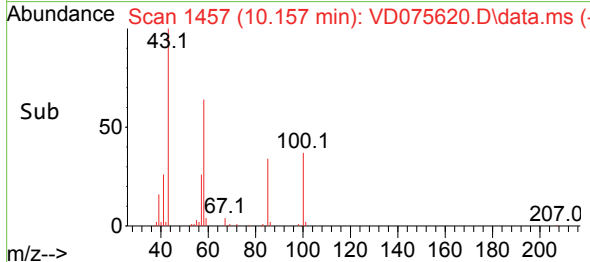
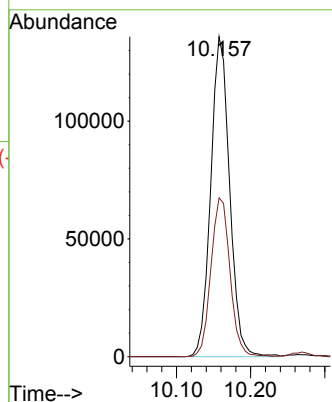
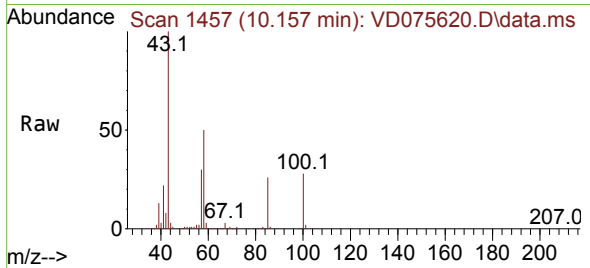




#51
4-Methyl-2-Pentanone
Concen: 282.249 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

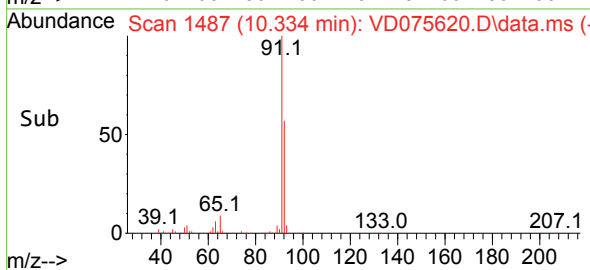
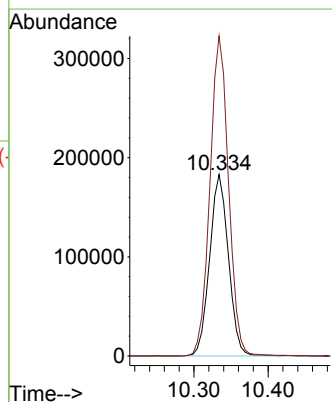
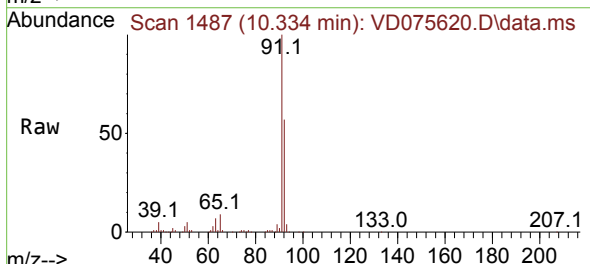
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

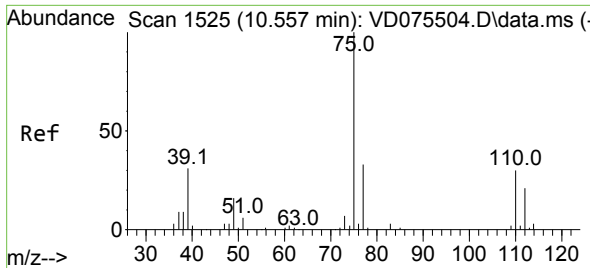
Tgt Ion: 43 Resp: 240489
Ion Ratio Lower Upper
43 100
58 50.1 29.5 44.3#



#52
Toluene
Concen: 53.685 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion: 92 Resp: 322203
Ion Ratio Lower Upper
92 100
91 174.9 136.5 204.7

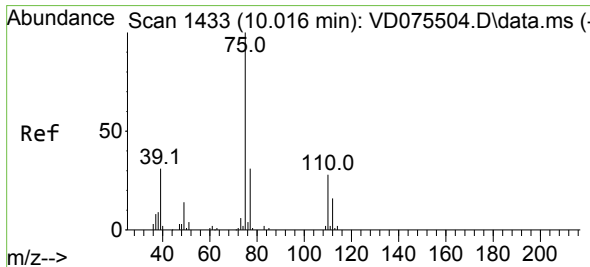
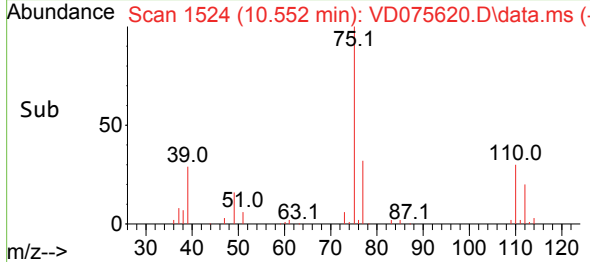
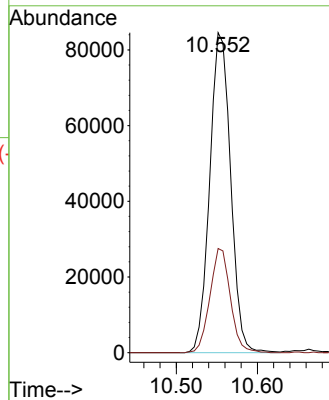
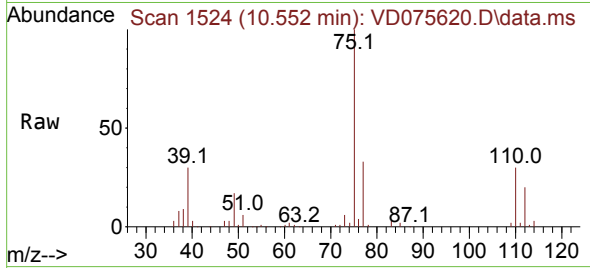




#53
 t-1,3-Dichloropropene
 Concen: 53.586 ug/l
 RT: 10.552 min Scan# 1525
 Delta R.T. -0.006 min
 Lab File: VD075620.D
 Acq: 11 Apr 2023 14:00

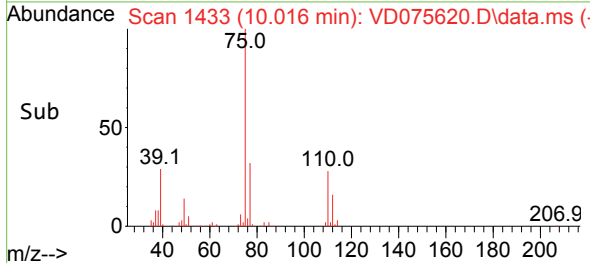
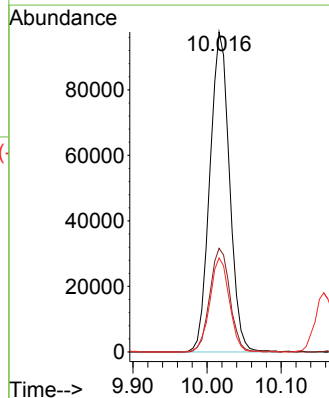
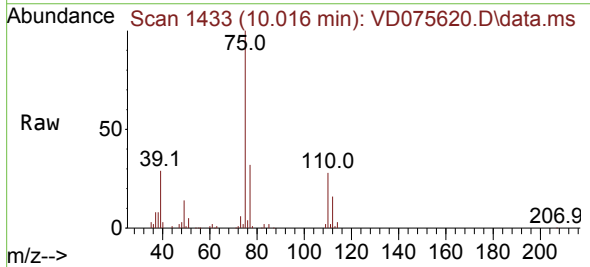
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

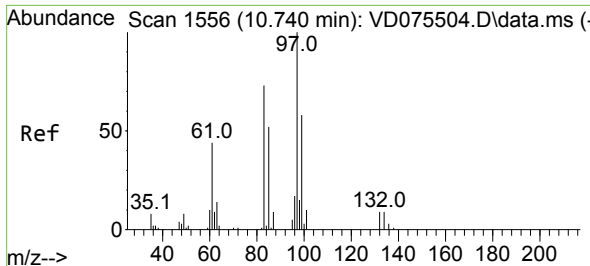
Tgt Ion: 75 Resp: 151182
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 52.414 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075620.D
 Acq: 11 Apr 2023 14:00

Tgt Ion: 75 Resp: 179799
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.6 38.4
 39 29.4 44.8 67.2#

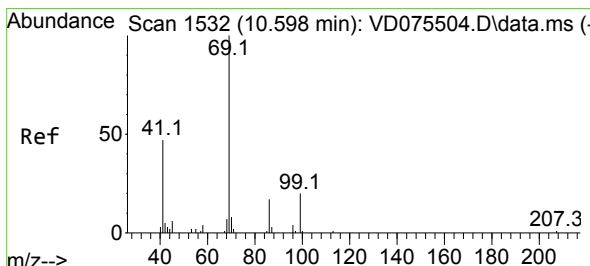
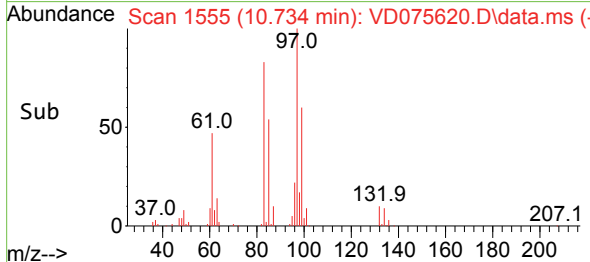
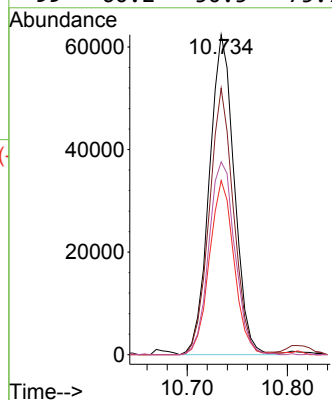
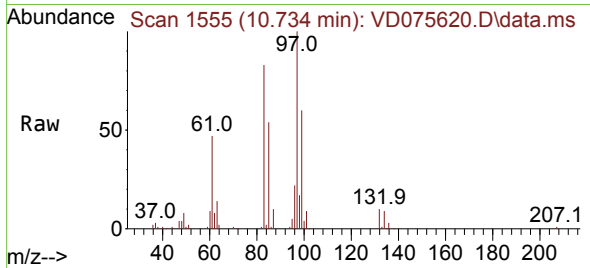




#55
1,1,2-Trichloroethane
Concen: 56.812 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

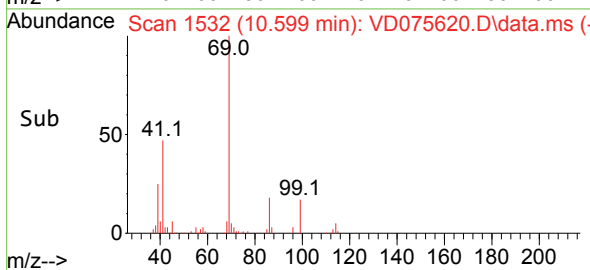
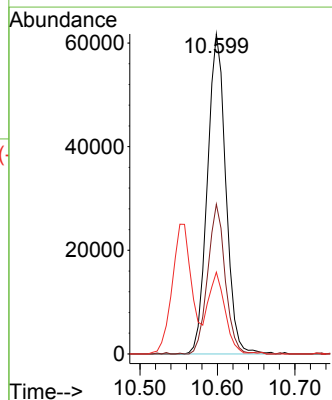
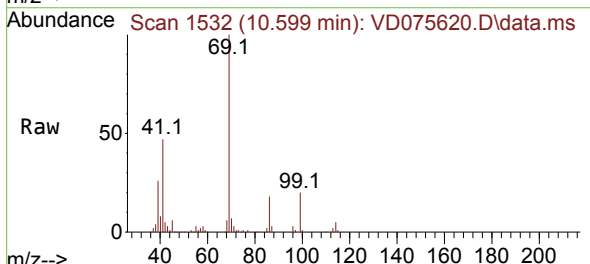
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

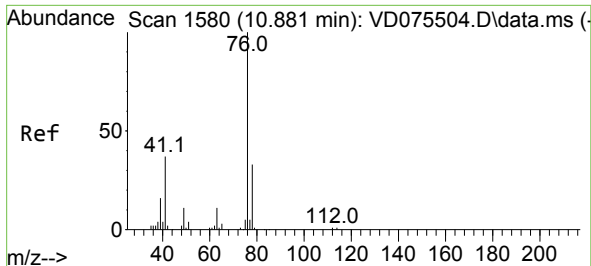
Tgt Ion:	97	Resp:	107832
Ion	Ratio	Lower	Upper
97	100		
83	83.3	74.2	111.4
85	54.4	45.4	68.0
99	60.2	50.5	75.7



#56
Ethyl methacrylate
Concen: 55.585 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion:	69	Resp:	101690
Ion	Ratio	Lower	Upper
69	100		
41	44.5	59.3	88.9#
39	22.3	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 58.958 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

Instrument :

MSVOA_D

ClientSampleId :

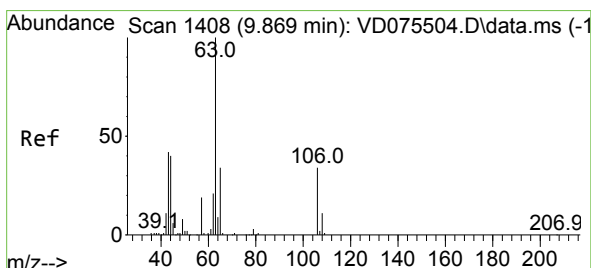
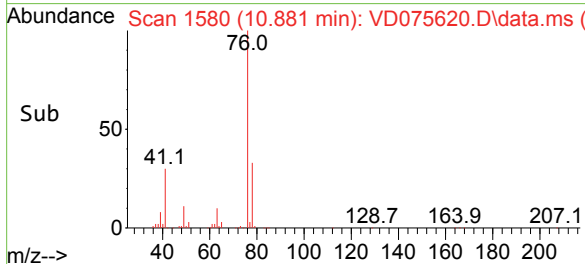
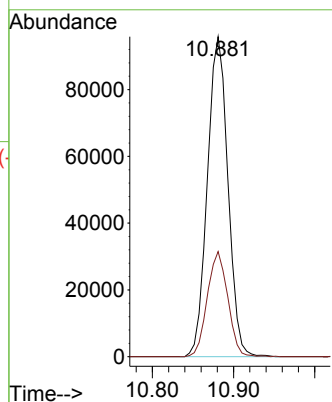
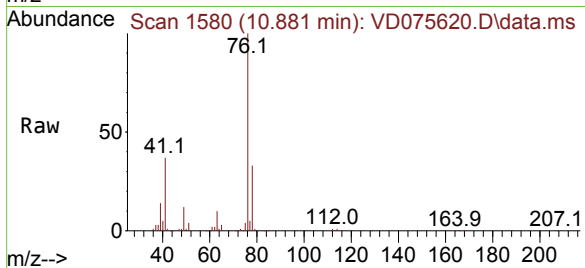
VSTDCCC050

Tgt Ion: 76 Resp: 168498

Ion Ratio Lower Upper

76 100

78 32.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 263.039 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075620.D

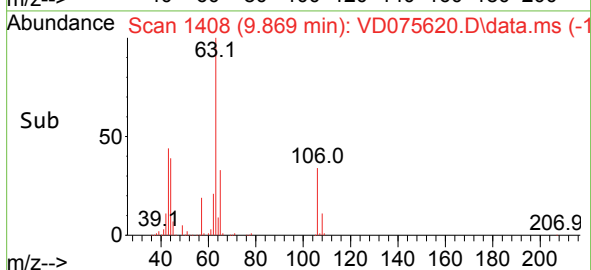
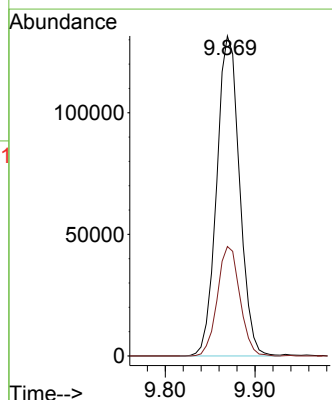
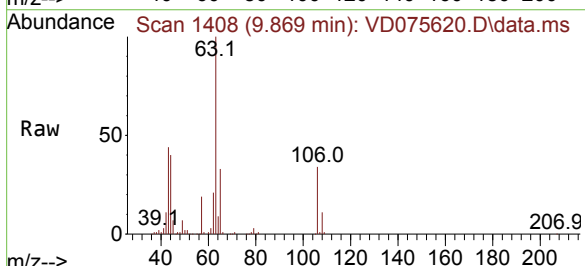
Acq: 11 Apr 2023 14:00

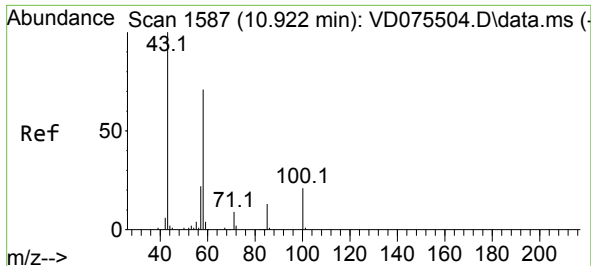
Tgt Ion: 63 Resp: 232664

Ion Ratio Lower Upper

63 100

106 33.7 21.4 32.2#

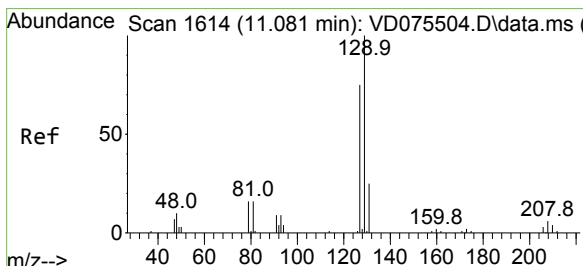
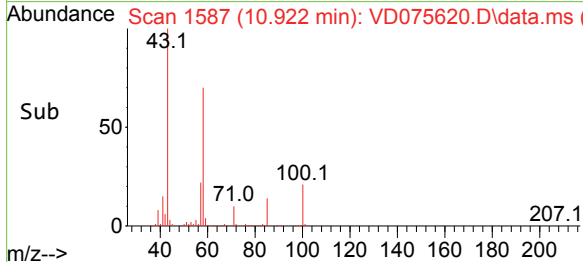
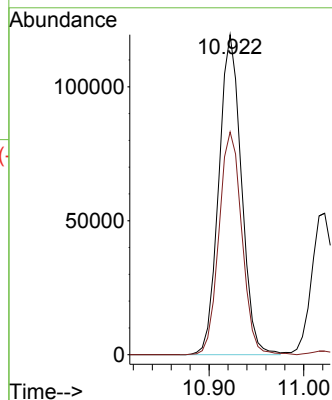
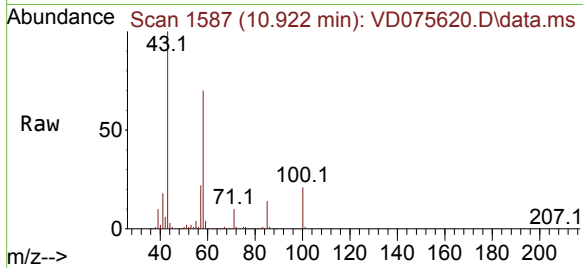




#59
2-Hexanone
Concen: 329.957 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

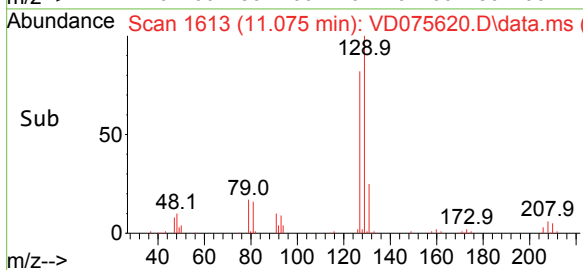
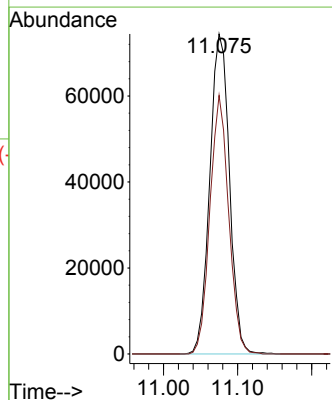
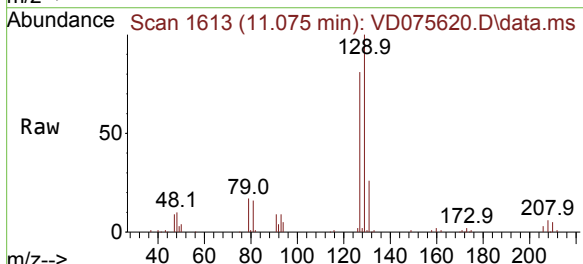
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

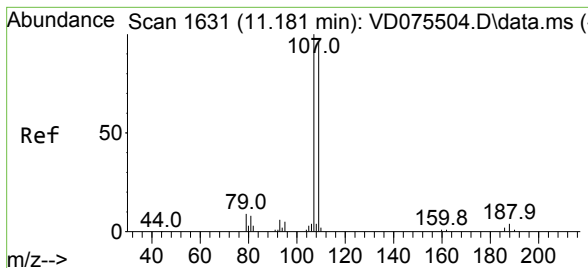
Tgt Ion: 43 Resp: 198059
Ion Ratio Lower Upper
43 100
58 70.4 25.3 75.8



#60
Dibromochloromethane
Concen: 60.570 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion: 129 Resp: 137262
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.5

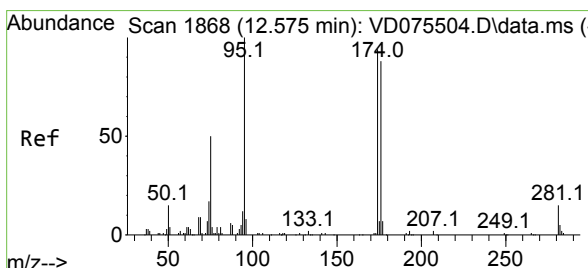
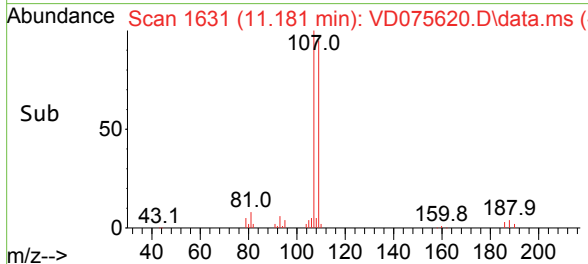
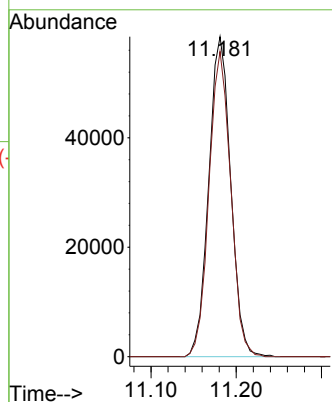
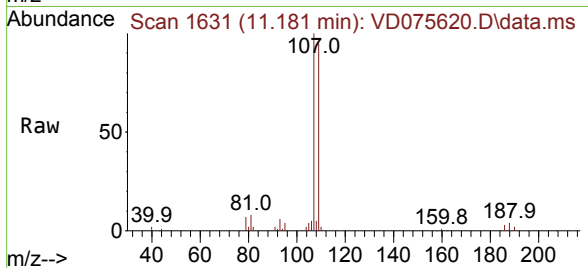




#61
1,2-Dibromoethane
Concen: 57.692 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

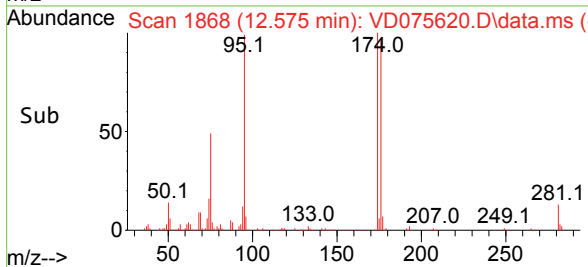
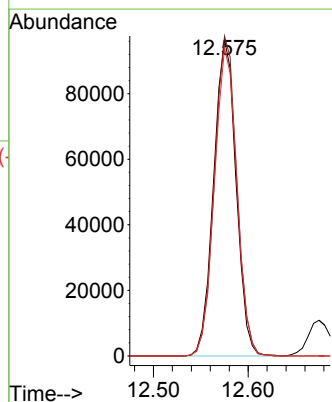
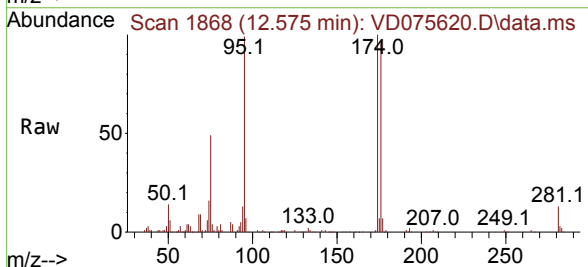
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

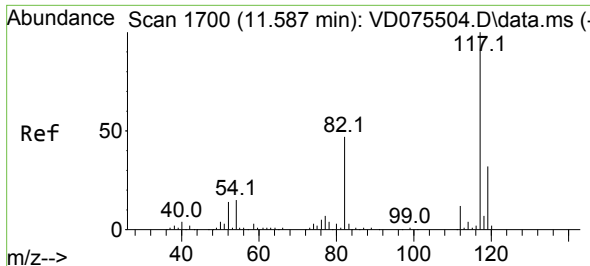
Tgt Ion:107 Resp: 104657
Ion Ratio Lower Upper
107 100
109 94.1 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 60.561 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion: 95 Resp: 158376
Ion Ratio Lower Upper
95 100
174 100.9 0.0 164.0
176 98.0 0.0 156.8

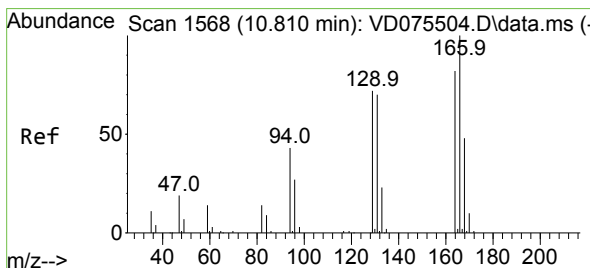
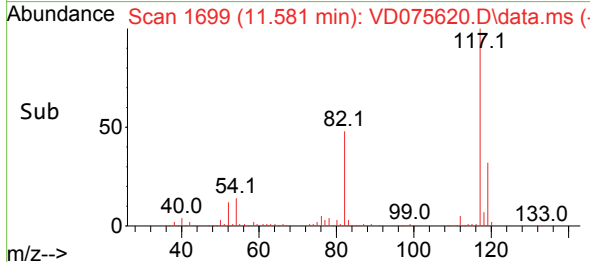
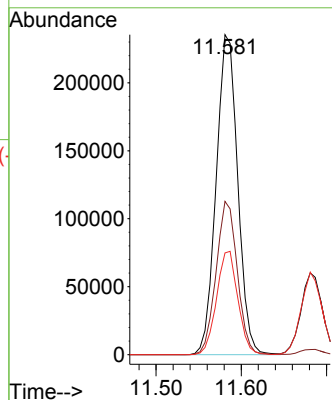
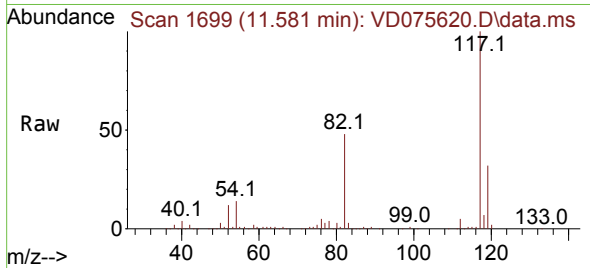




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

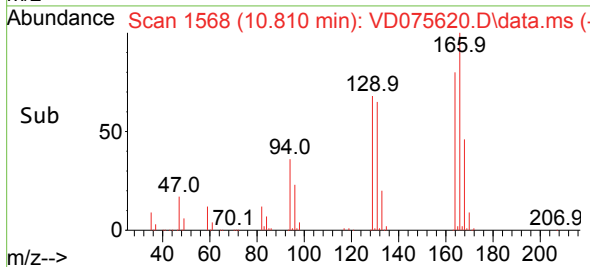
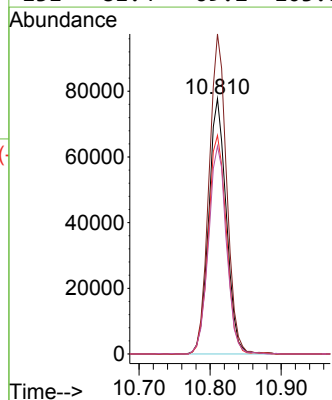
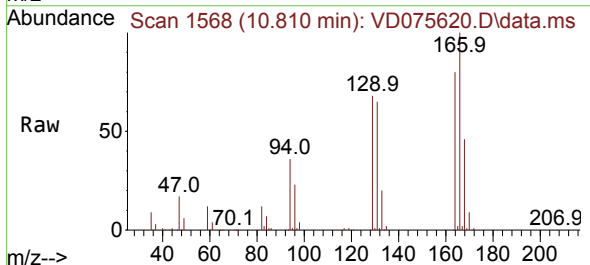
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

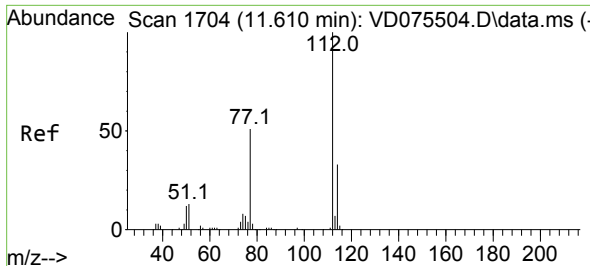
Tgt Ion:117 Resp: 413394
Ion Ratio Lower Upper
117 100
82 47.9 44.0 66.0
119 31.8 25.1 37.7



#64
Tetrachloroethene
Concen: 53.918 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion:164 Resp: 134064
Ion Ratio Lower Upper
164 100
166 125.3 94.9 142.3
129 85.6 73.0 109.6
131 81.4 69.2 103.8

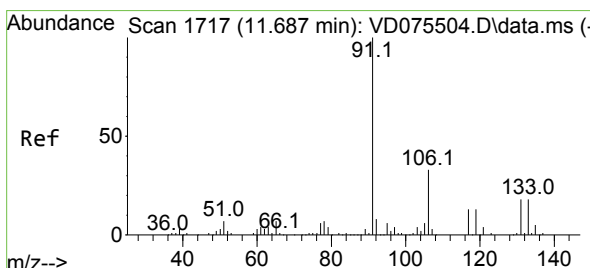
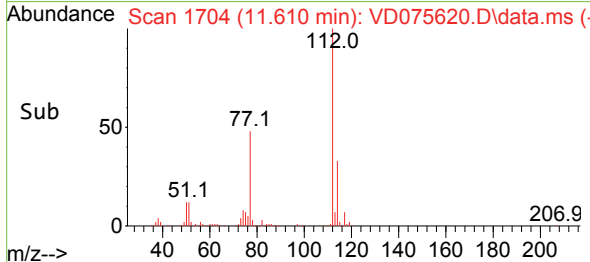
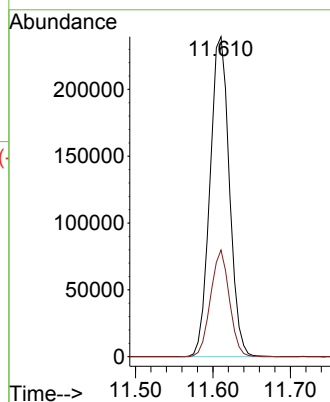
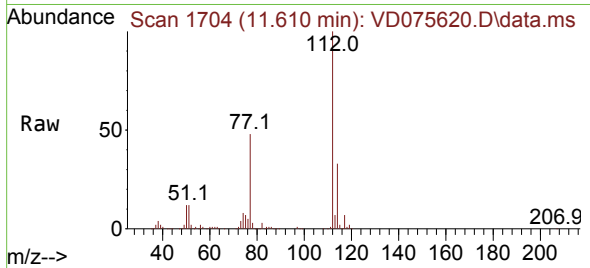




#65
Chlorobenzene
Concen: 52.002 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

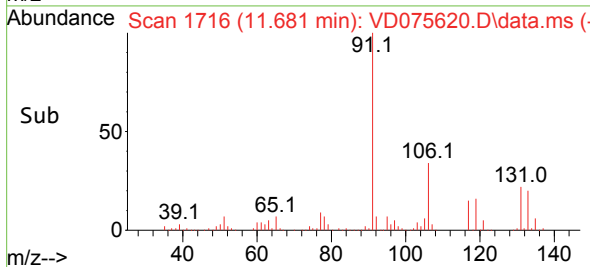
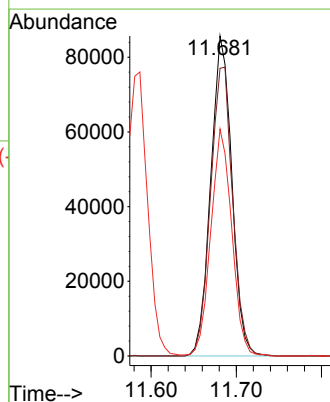
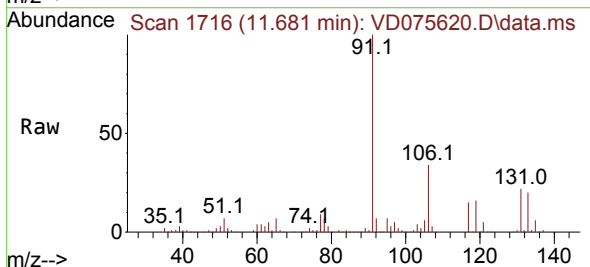
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

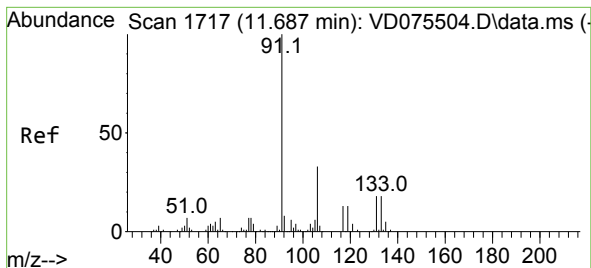
Tgt Ion:112 Resp: 417285
Ion Ratio Lower Upper
112 100
114 33.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.955 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion:131 Resp: 147432
Ion Ratio Lower Upper
131 100
133 95.0 46.7 140.0
119 70.6 31.9 95.9





#67

Ethyl Benzene

Concen: 51.794 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

Instrument :

MSVOA_D

ClientSampleId :

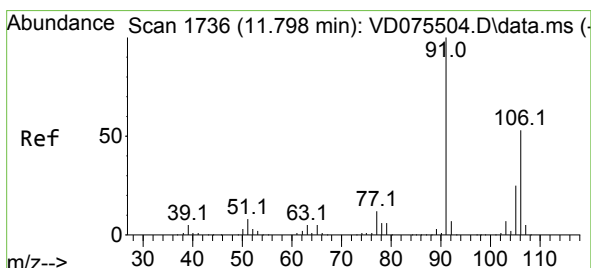
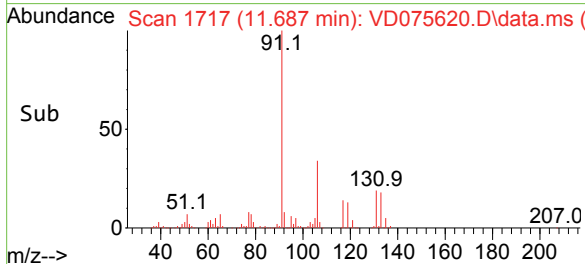
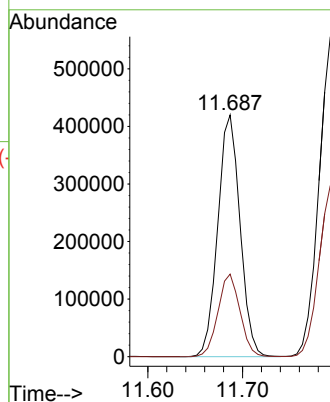
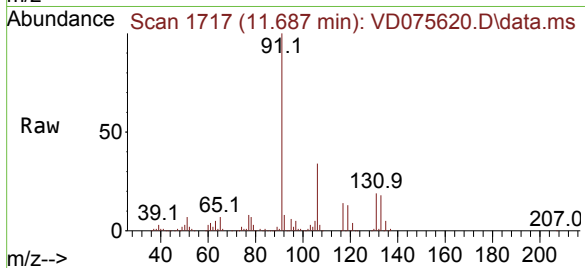
VSTDCCC050

Tgt Ion: 91 Resp: 685732

Ion Ratio Lower Upper

91 100

106 34.1 24.5 36.7



#68

m/p-Xylenes

Concen: 103.765 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.006 min

Lab File: VD075620.D

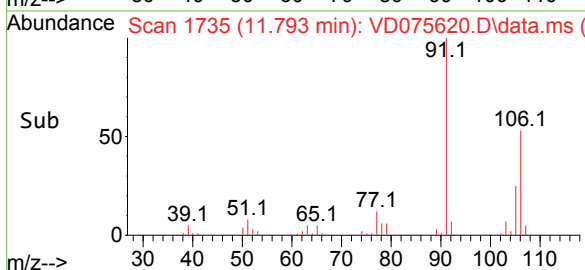
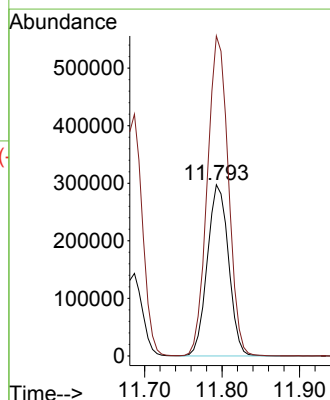
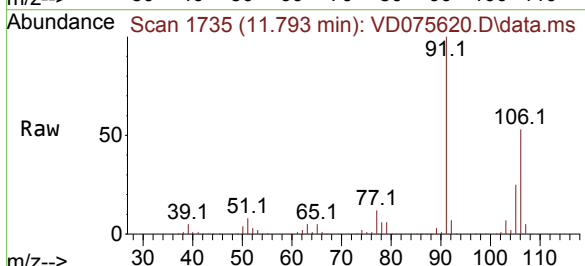
Acq: 11 Apr 2023 14:00

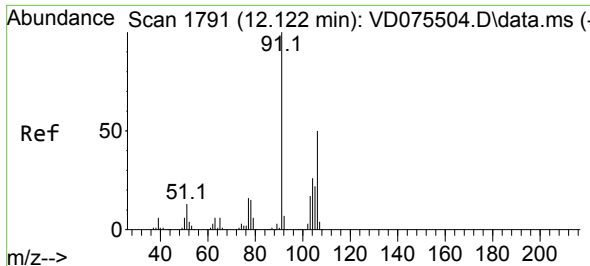
Tgt Ion:106 Resp: 565848

Ion Ratio Lower Upper

106 100

91 185.0 161.5 242.3

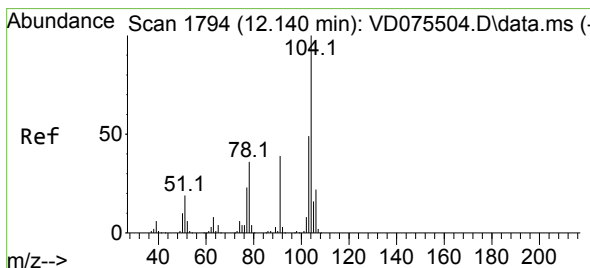
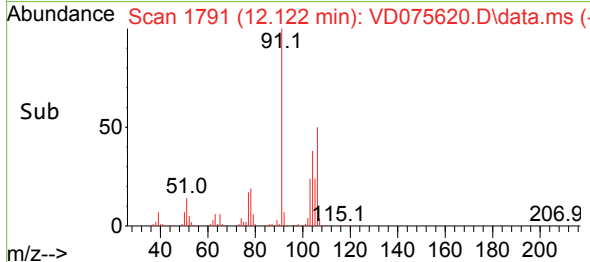
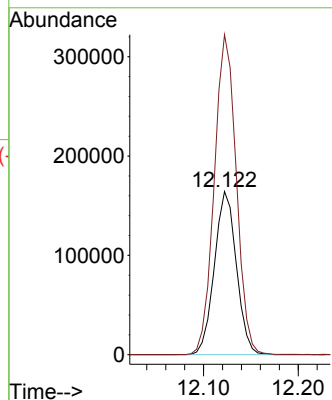
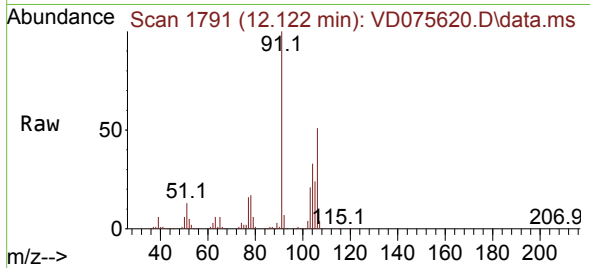




#69
o-Xylene
Concen: 50.031 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

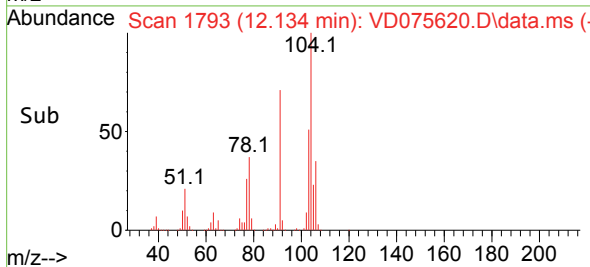
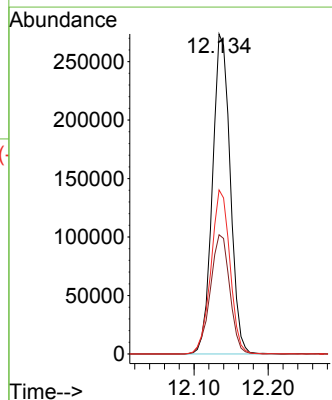
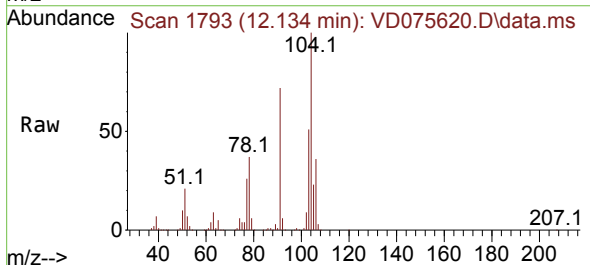
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

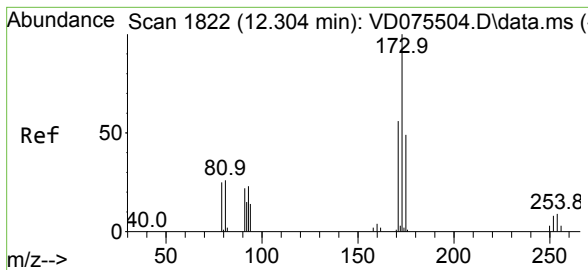
Tgt Ion:106 Resp: 265336
Ion Ratio Lower Upper
106 100
91 196.2 105.7 317.1



#70
Styrene
Concen: 50.299 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion:104 Resp: 455323
Ion Ratio Lower Upper
104 100
78 40.7 40.2 60.4
103 54.7 44.2 66.2

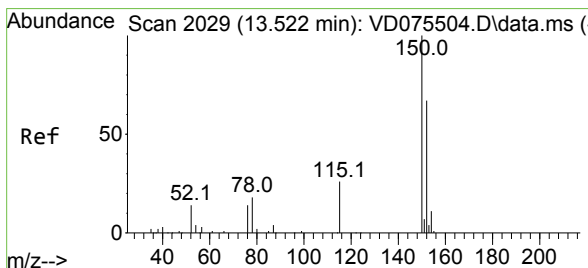
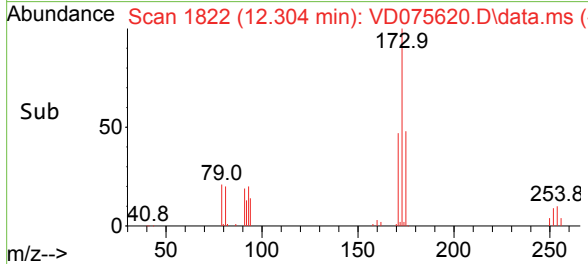
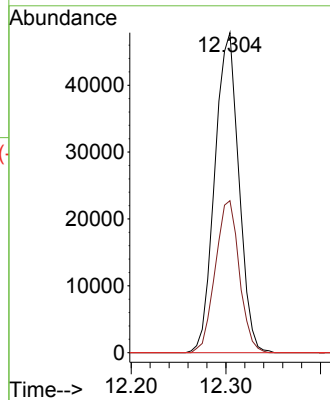
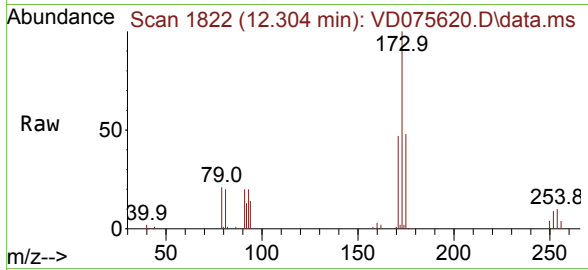




#71
Bromoform
Concen: 57.633 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

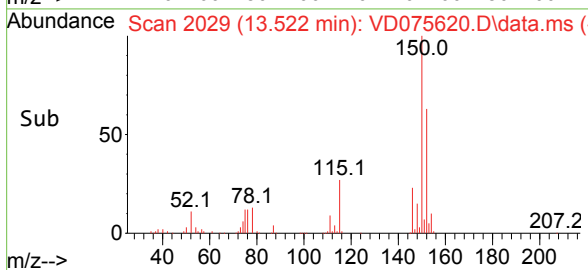
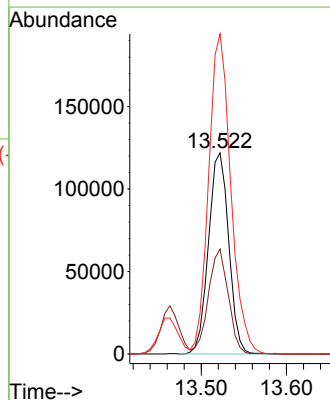
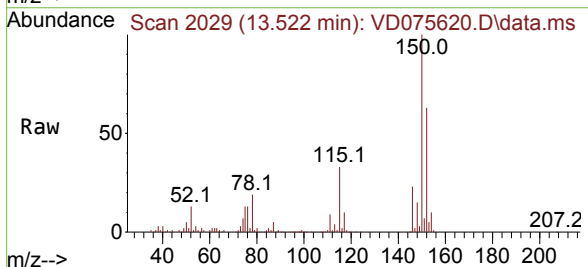
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

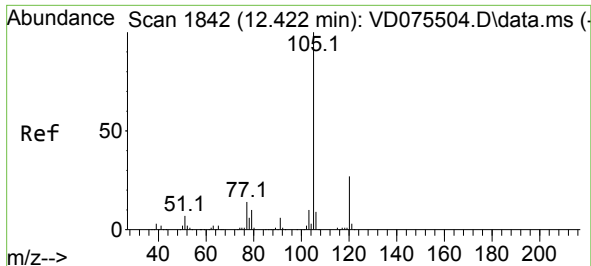
Tgt Ion:	173	Resp:	84531
Ion Ratio	Lower	Upper	
173	100		
175	47.5	23.5	70.5
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion:	152	Resp:	201171
Ion Ratio	Lower	Upper	
152	100		
115	51.4	30.1	90.3
150	174.2	0.0	364.8

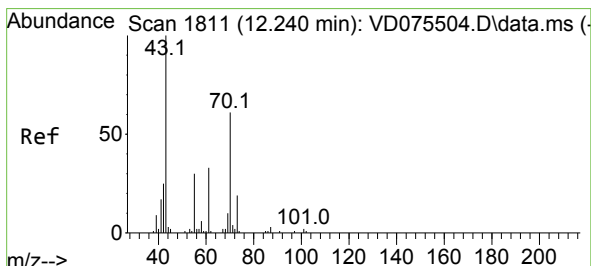
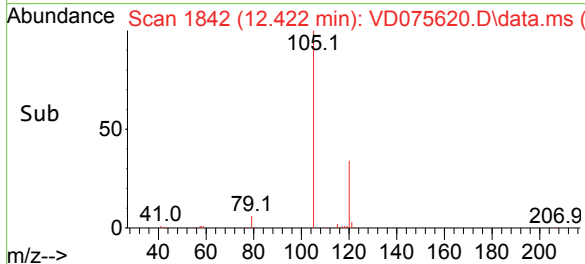
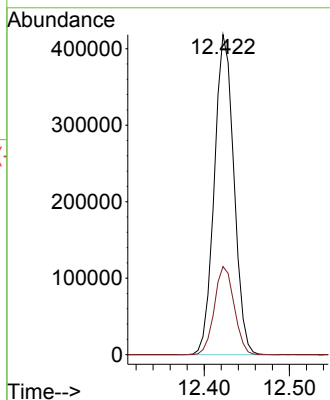
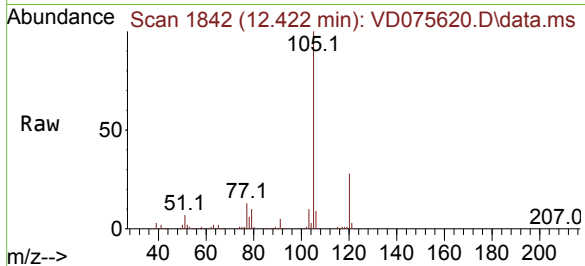




#73
Isopropylbenzene
Concen: 53.438 ug/l
RT: 12.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

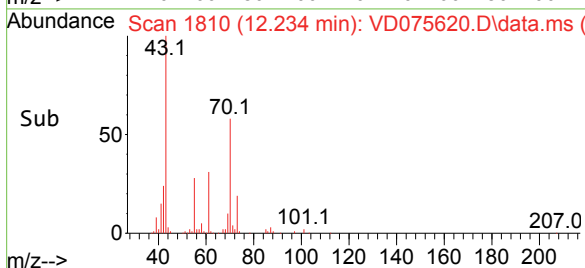
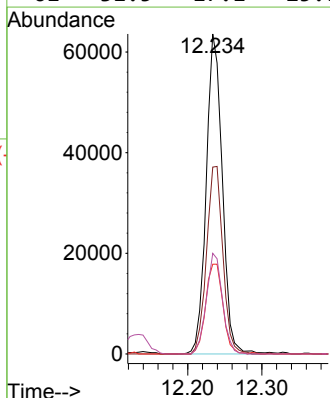
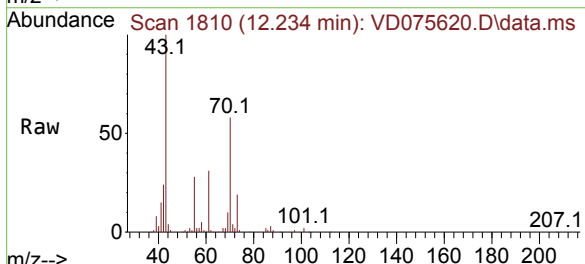
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

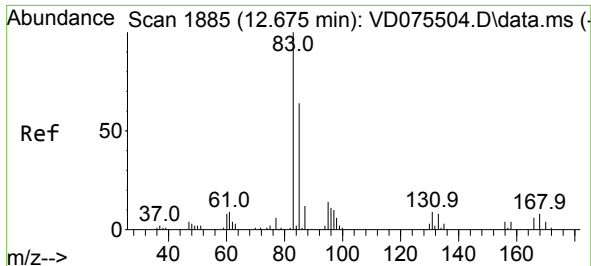
Tgt Ion:105 Resp: 667103
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.1



#74
N-ethyl acetate
Concen: 54.767 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion: 43 Resp: 95888
Ion Ratio Lower Upper
43 100
70 59.5 31.0 46.4#
55 30.0 18.6 28.0#
61 31.5 17.1 25.7#

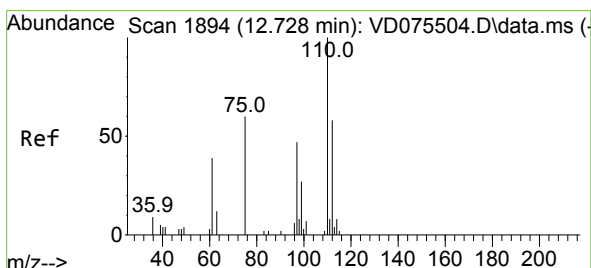
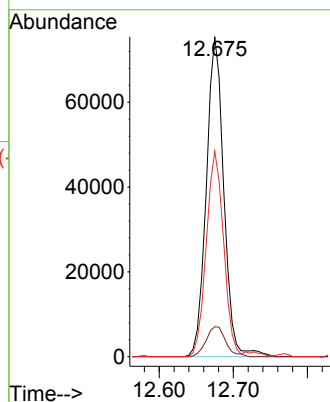
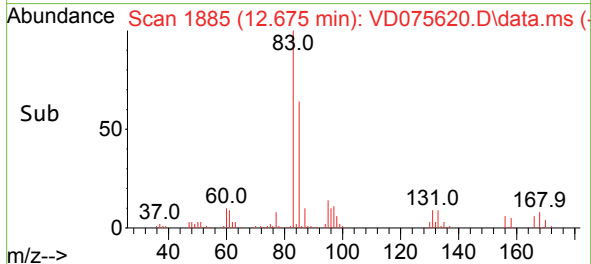
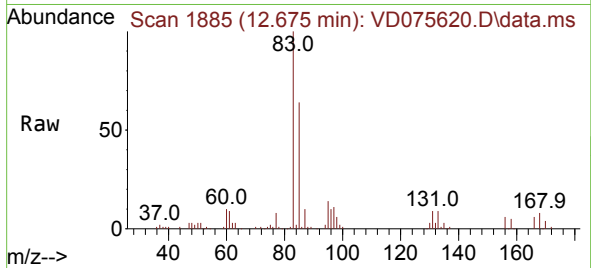




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.946 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD075620.D
 Acq: 11 Apr 2023 14:00

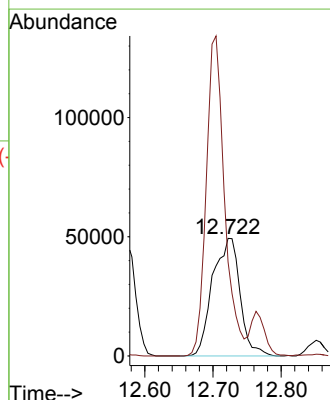
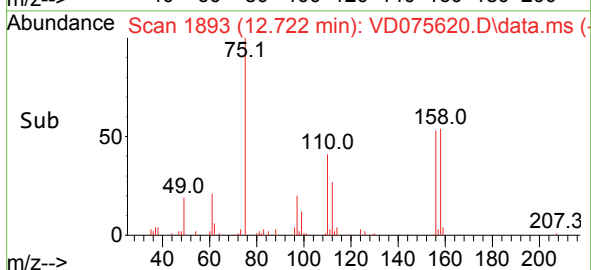
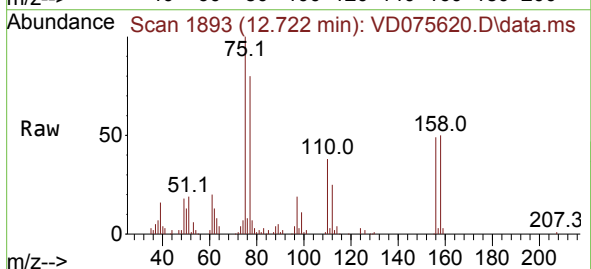
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

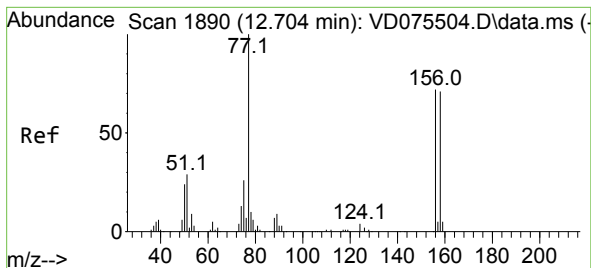
Tgt Ion: 83 Resp: 123630
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.1 15.2
 85 64.0 33.6 100.6



#76
 1,2,3-Trichloropropane
 Concen: 87.504 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VD075620.D
 Acq: 11 Apr 2023 14:00

Tgt Ion: 75 Resp: 137766
 Ion Ratio Lower Upper
 75 100
 77 182.4 0.0 0.0#





#77

Bromobenzene

Concen: 55.049 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

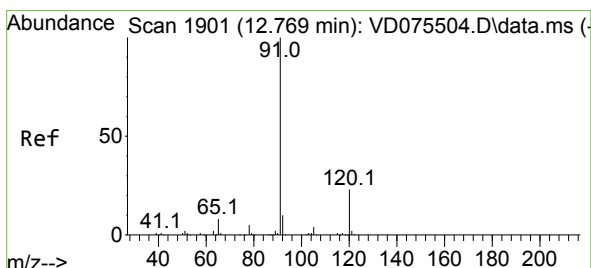
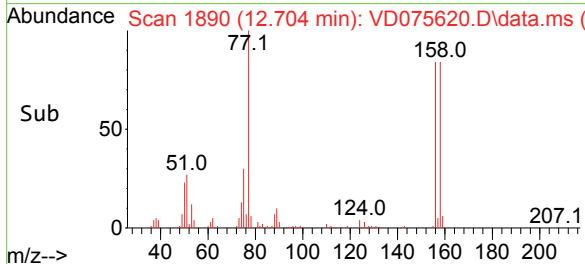
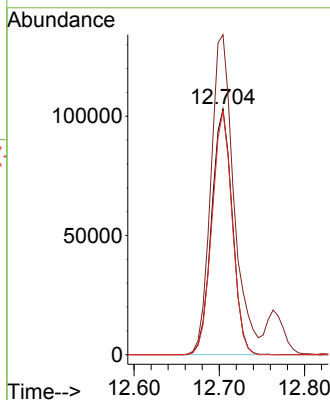
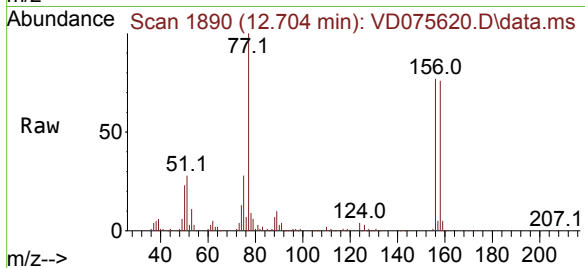
Tgt Ion:156 Resp: 173459

Ion Ratio Lower Upper

156 100

77 144.9 89.5 268.6

158 97.1 47.8 143.4



#78

n-propylbenzene

Concen: 52.826 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.006 min

Lab File: VD075620.D

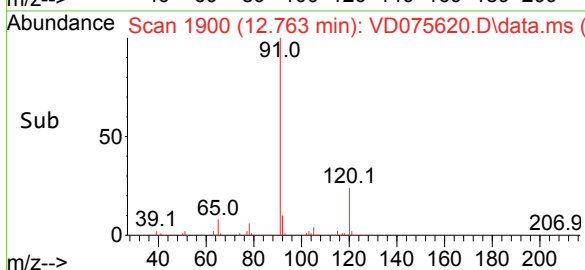
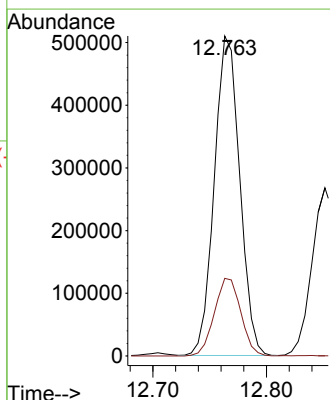
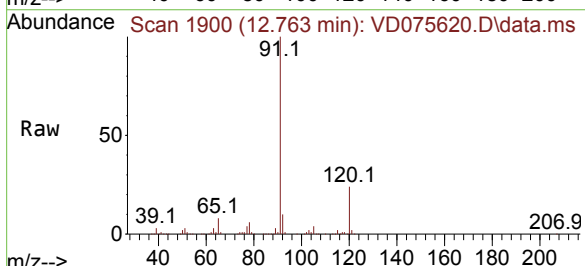
Acq: 11 Apr 2023 14:00

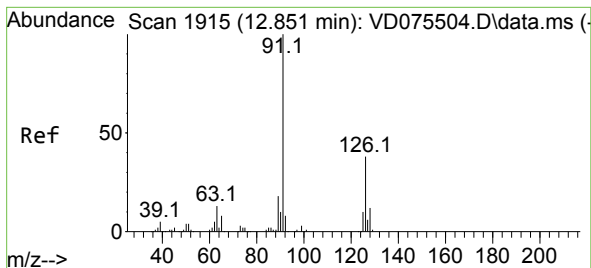
Tgt Ion: 91 Resp: 792894

Ion Ratio Lower Upper

91 100

120 25.3 11.4 34.2





#79

2-Chlorotoluene

Concen: 52.026 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

Instrument :

MSVOA_D

ClientSampleId :

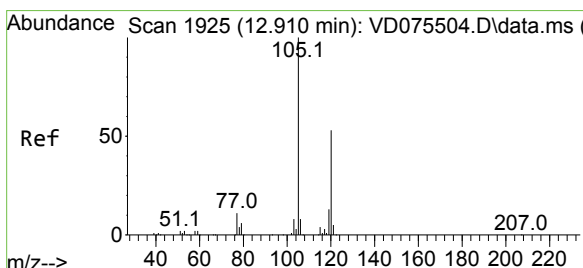
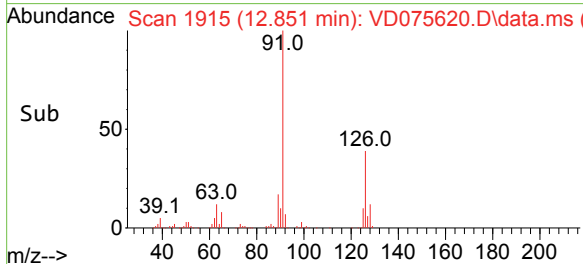
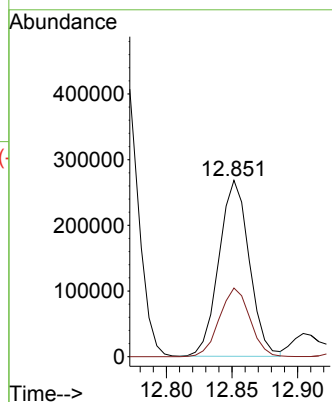
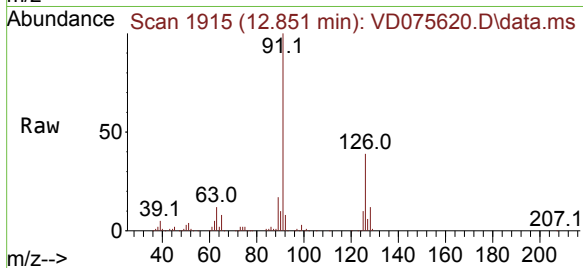
VSTDCCC050

Tgt Ion: 91 Resp: 431891

Ion Ratio Lower Upper

91 100

126 39.1 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 53.891 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VD075620.D

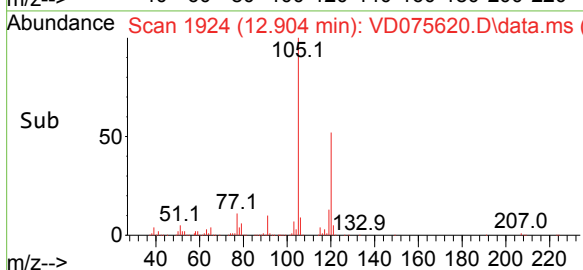
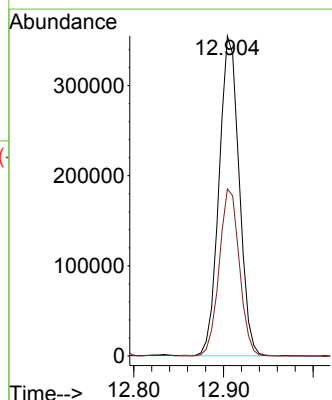
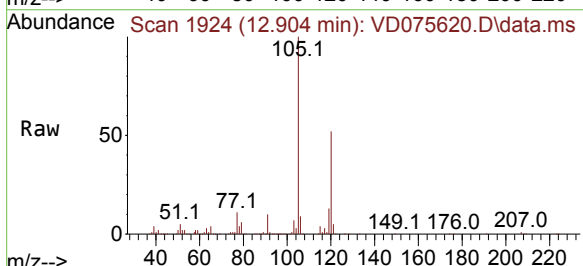
Acq: 11 Apr 2023 14:00

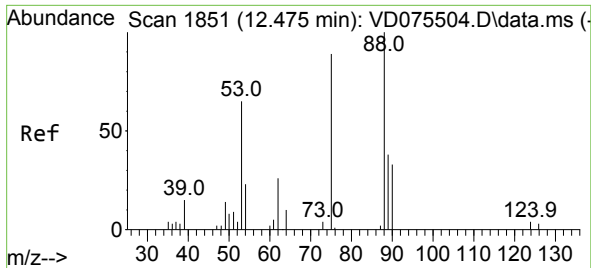
Tgt Ion: 105 Resp: 550973

Ion Ratio Lower Upper

105 100

120 52.4 24.3 72.8

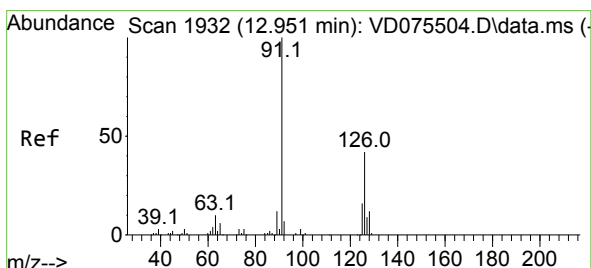
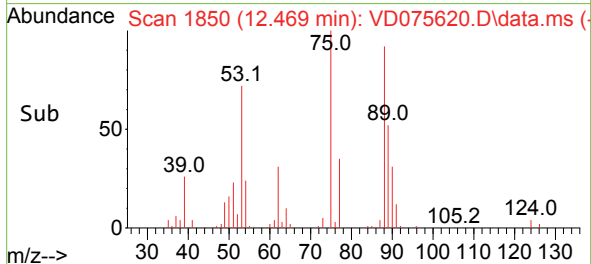
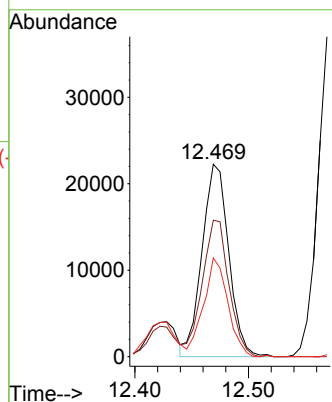
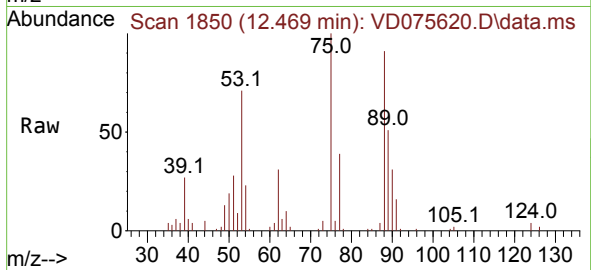




#81
trans-1,4-Dichloro-2-butene
Concen: 52.990 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

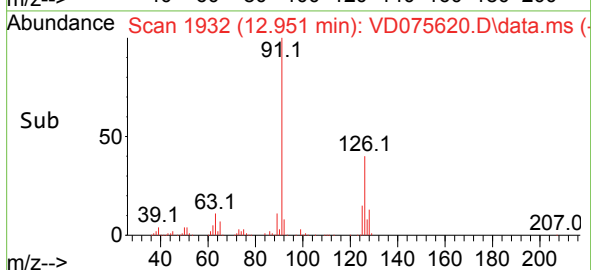
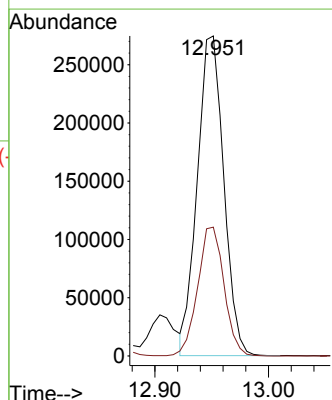
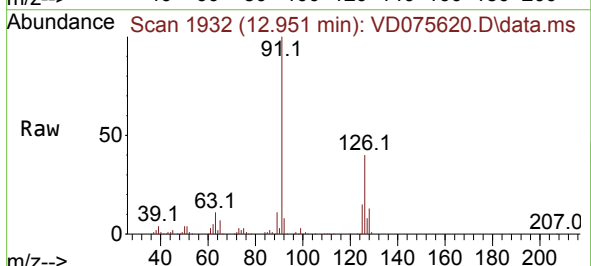
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

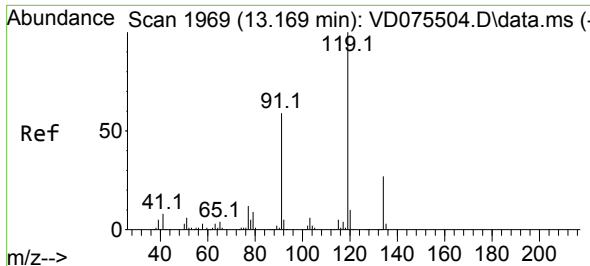
Tgt Ion: 75 Resp: 36401
Ion Ratio Lower Upper
75 100
53 71.4 90.5 135.7#
89 46.6 40.2 60.4



#82
4-Chlorotoluene
Concen: 51.594 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075620.D
Acq: 11 Apr 2023 14:00

Tgt Ion: 91 Resp: 444302
Ion Ratio Lower Upper
91 100
126 40.2 17.1 51.2

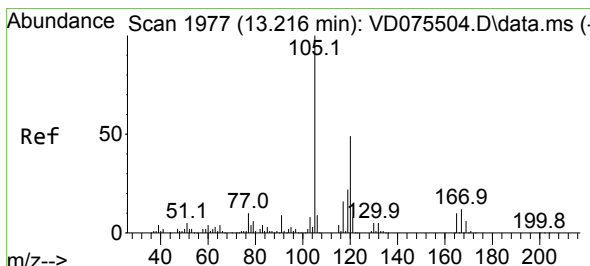
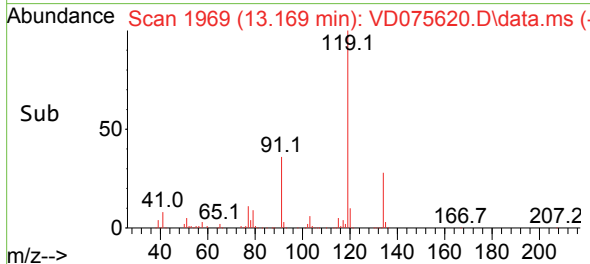
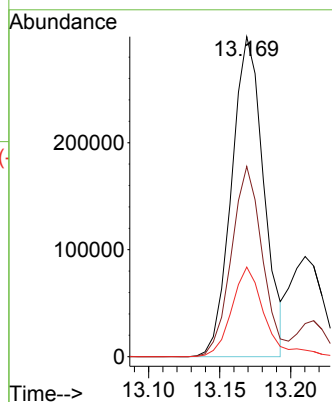
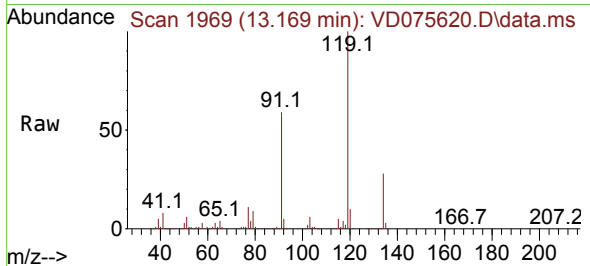




#83
 tert-Butylbenzene
 Concen: 53.160 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD075620.D
 Acq: 11 Apr 2023 14:00

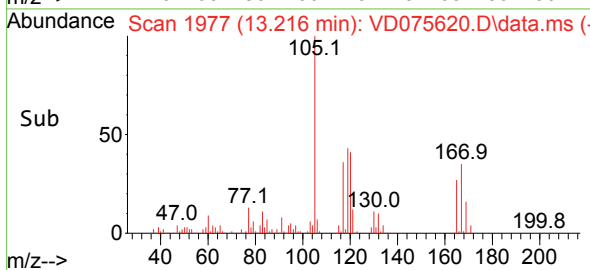
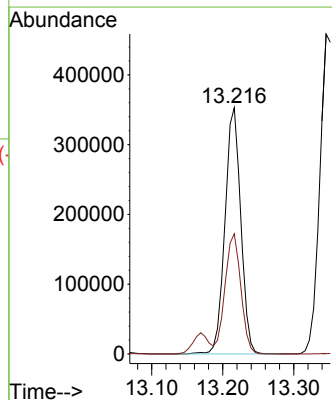
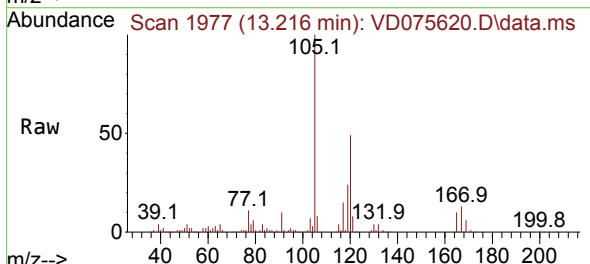
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

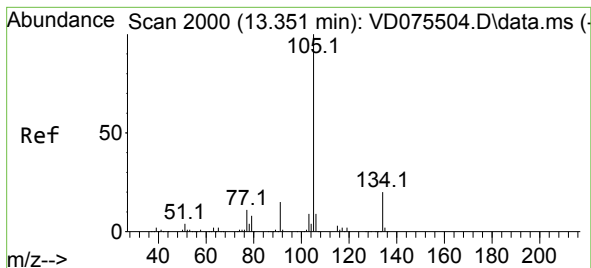
Tgt Ion:119 Resp: 471912
 Ion Ratio Lower Upper
 119 100
 91 57.8 32.4 97.0
 134 28.8 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 52.722 ug/l
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: VD075620.D
 Acq: 11 Apr 2023 14:00

Tgt Ion:105 Resp: 544332
 Ion Ratio Lower Upper
 105 100
 120 48.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 52.693 ug/l

RT: 13.346 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

Instrument :

MSVOA_D

ClientSampleId :

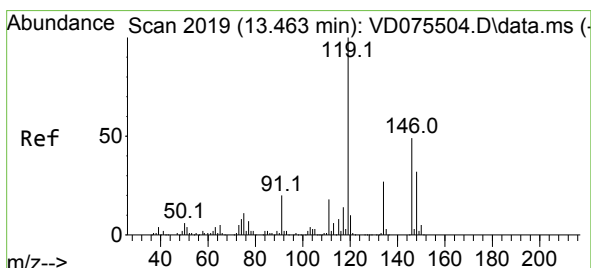
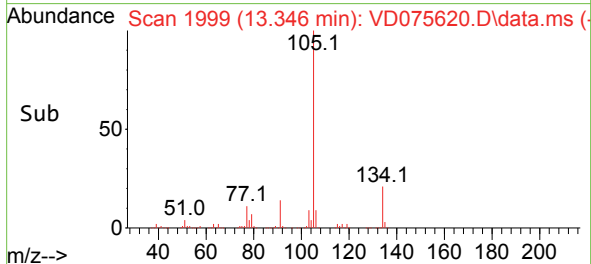
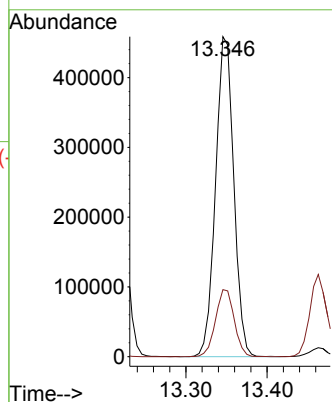
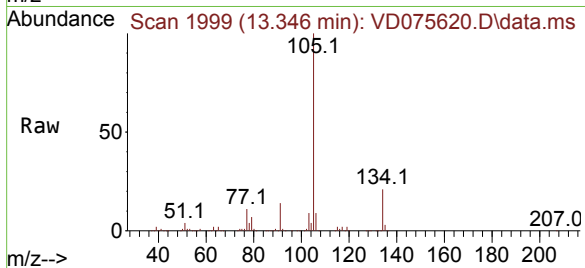
VSTDCCC050

Tgt Ion:105 Resp: 714819

Ion Ratio Lower Upper

105 100

134 21.6 9.9 29.7



#86

p-Isopropyltoluene

Concen: 52.939 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

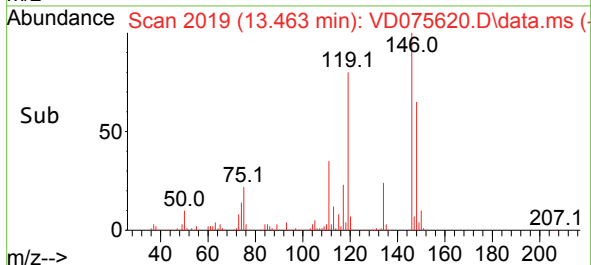
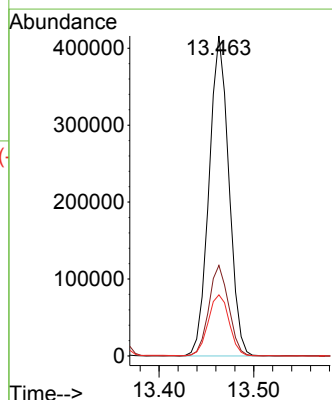
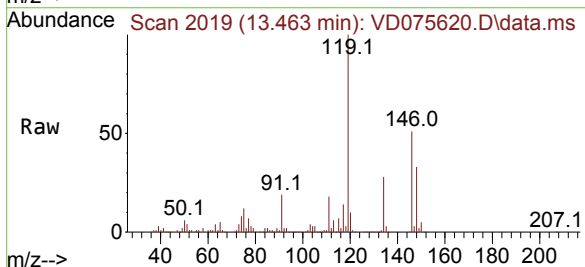
Tgt Ion:119 Resp: 603687

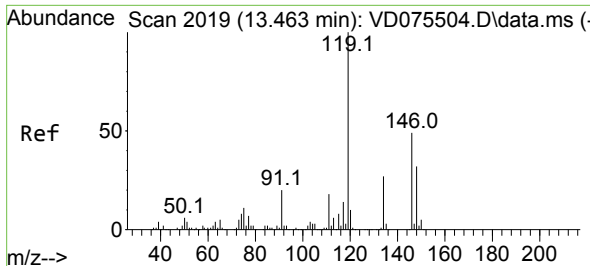
Ion Ratio Lower Upper

119 100

134 28.4 13.1 39.3

91 20.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 52.223 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

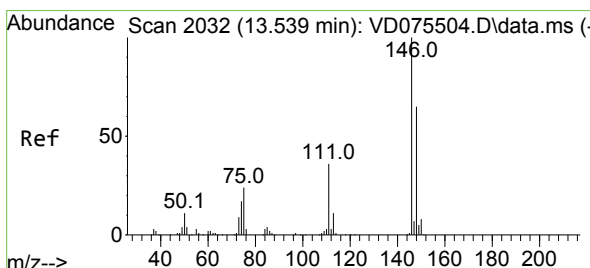
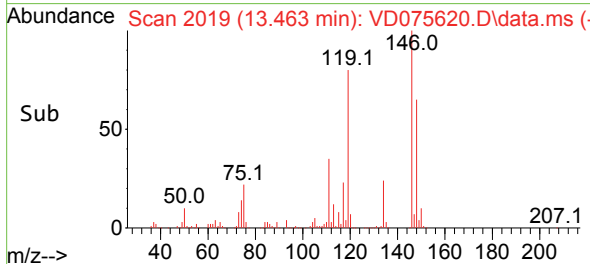
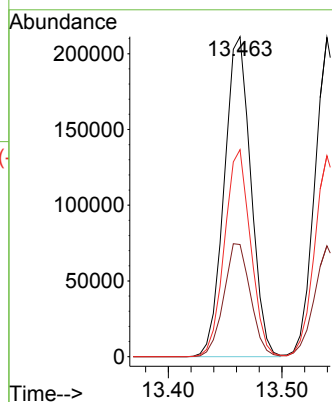
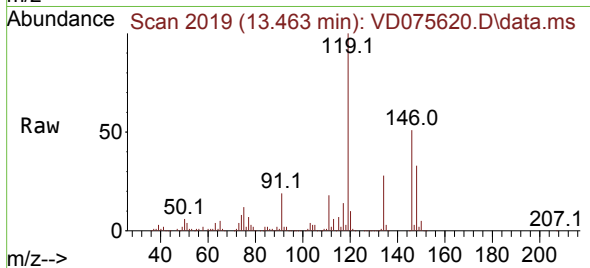
Tgt Ion:146 Resp: 343620

Ion Ratio Lower Upper

146 100

111 35.4 19.8 59.3

148 63.6 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 51.480 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.006 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

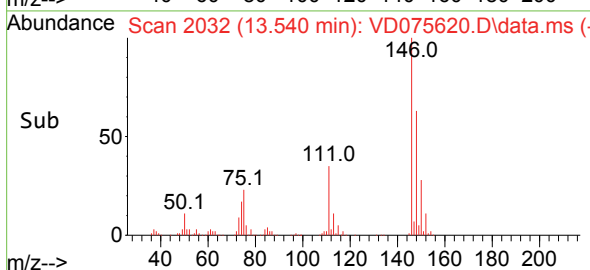
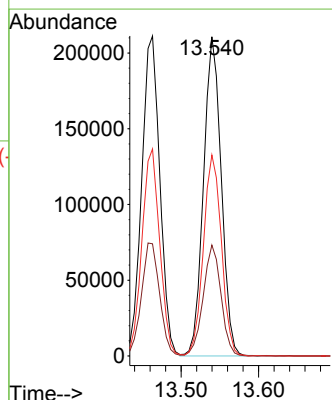
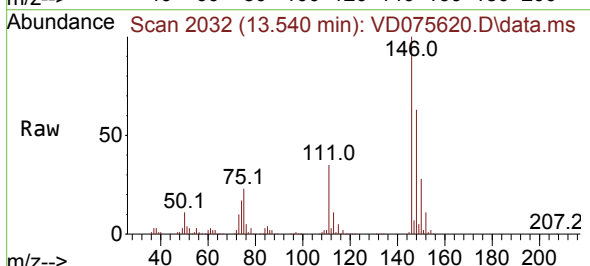
Tgt Ion:146 Resp: 335009

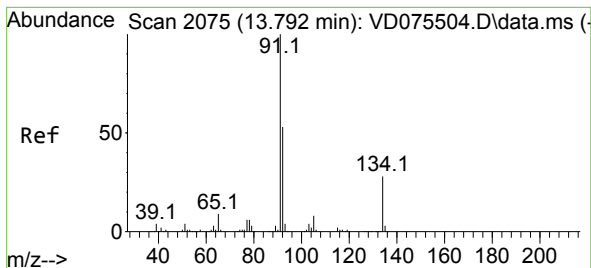
Ion Ratio Lower Upper

146 100

111 34.9 19.6 58.8

148 63.8 31.7 95.1





#89

n-Butylbenzene

Concen: 52.155 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.006 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

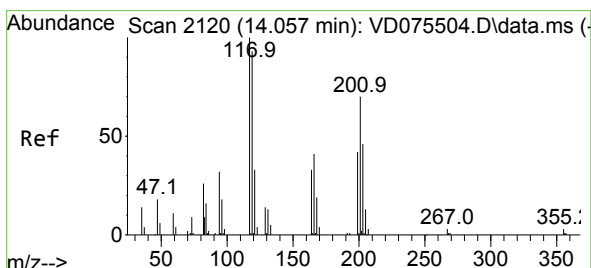
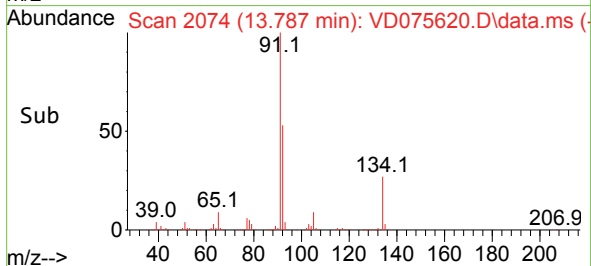
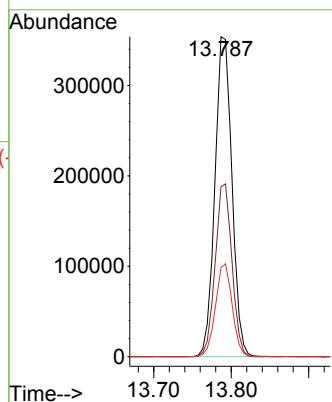
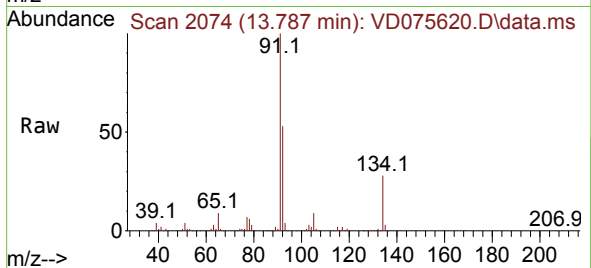
Tgt Ion: 91 Resp: 540745

Ion Ratio Lower Upper

91 100

92 53.1 26.2 78.5

134 28.4 12.7 38.0



#90

Hexachloroethane

Concen: 51.843 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD075620.D

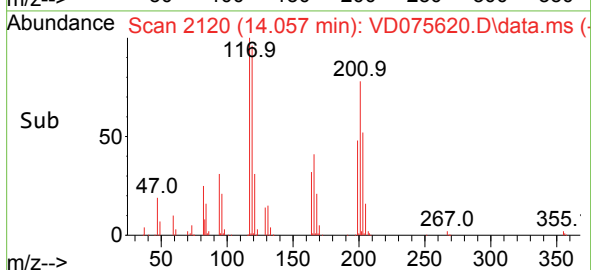
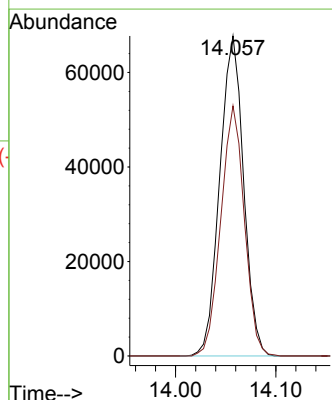
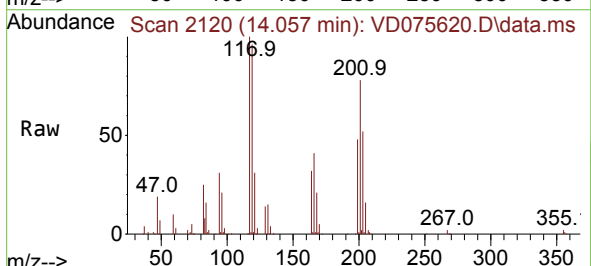
Acq: 11 Apr 2023 14:00

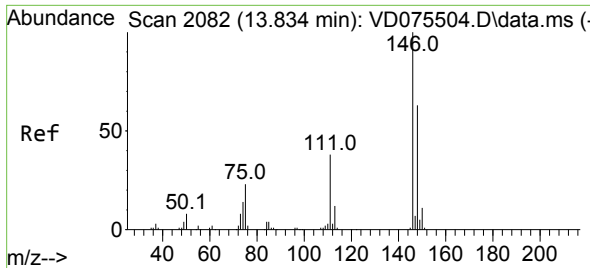
Tgt Ion: 117 Resp: 111829

Ion Ratio Lower Upper

117 100

201 77.1 34.5 103.6

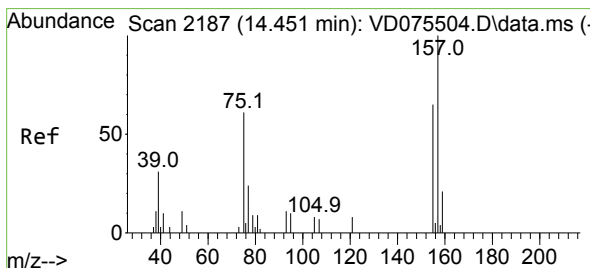
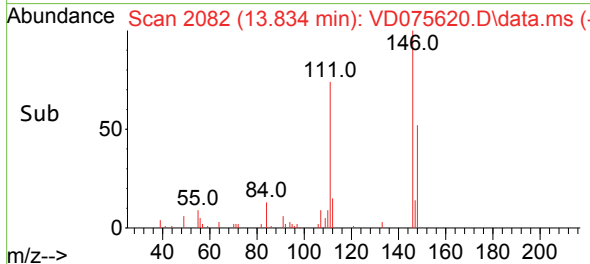
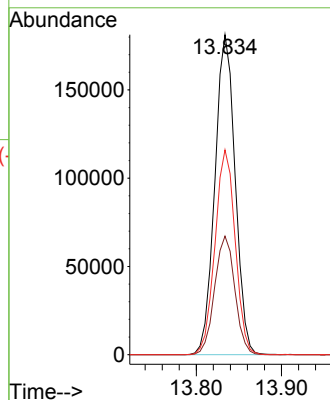
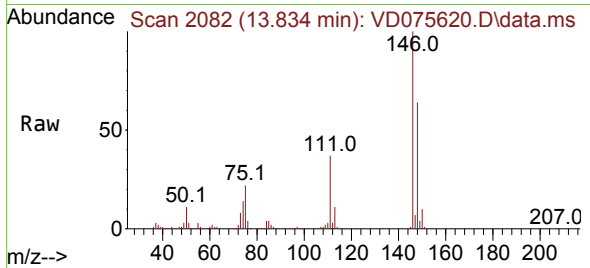




#91
 1,2-Dichlorobenzene
 Concen: 52.894 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VD075620.D
 Acq: 11 Apr 2023 14:00

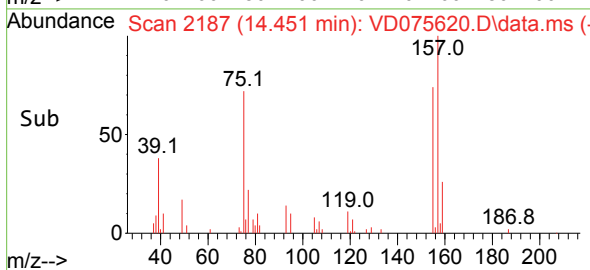
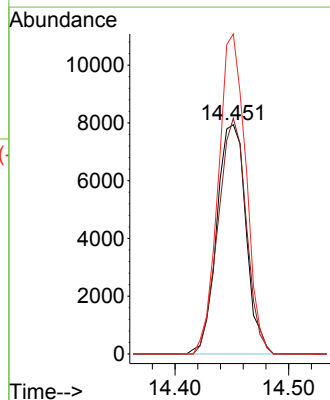
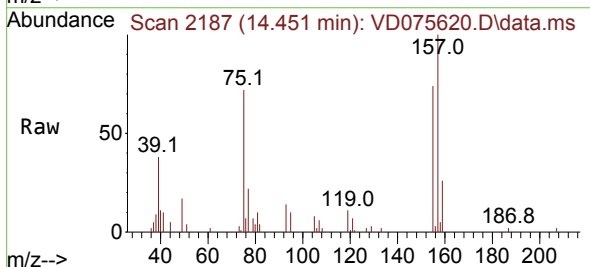
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

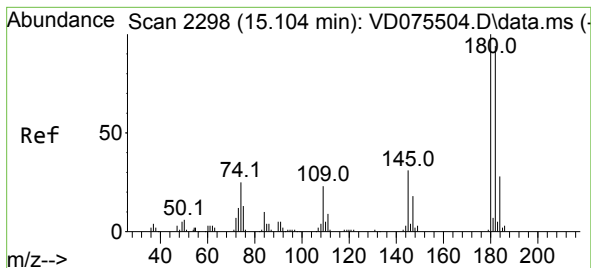
Tgt Ion:146 Resp: 300000
 Ion Ratio Lower Upper
 146 100
 111 36.9 20.6 61.8
 148 63.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.375 ug/l
 RT: 14.451 min Scan# 2187
 Delta R.T. 0.006 min
 Lab File: VD075620.D
 Acq: 11 Apr 2023 14:00

Tgt Ion: 75 Resp: 14130
 Ion Ratio Lower Upper
 75 100
 155 99.1 39.5 118.5
 157 131.8 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 47.150 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

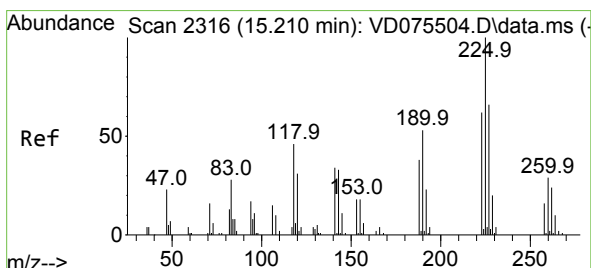
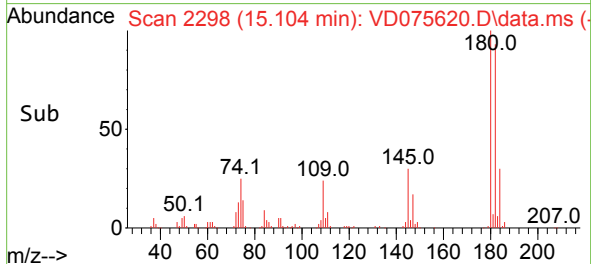
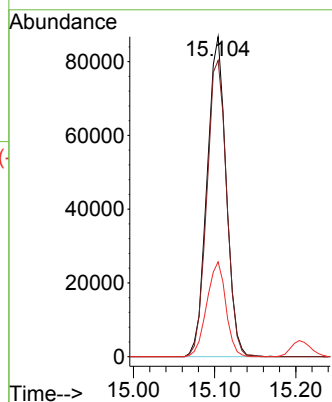
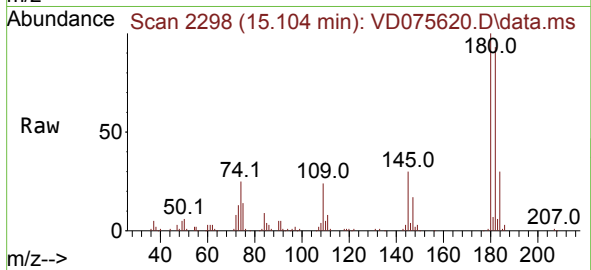
Tgt Ion:180 Resp: 141836

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.7

145 29.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 46.723 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.006 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

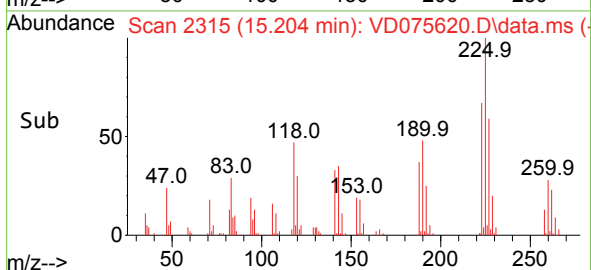
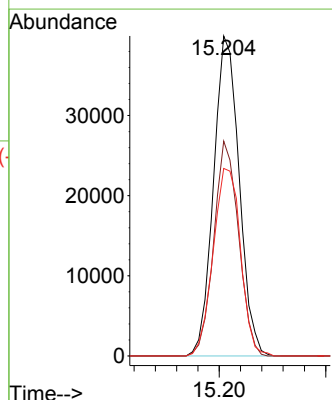
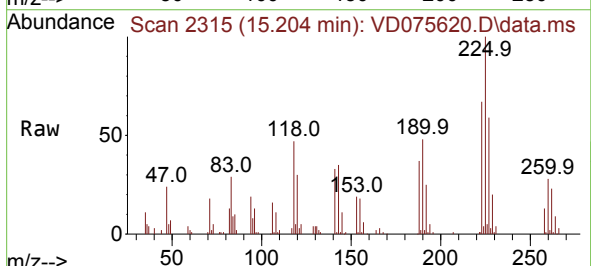
Tgt Ion:225 Resp: 66576

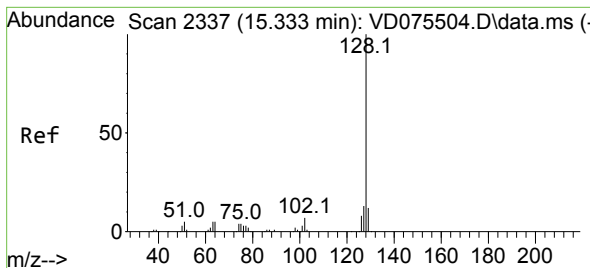
Ion Ratio Lower Upper

225 100

223 65.0 33.1 99.2

227 62.6 31.9 95.9





#95

Naphthalene

Concen: 49.564 ug/l

RT: 15.334 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

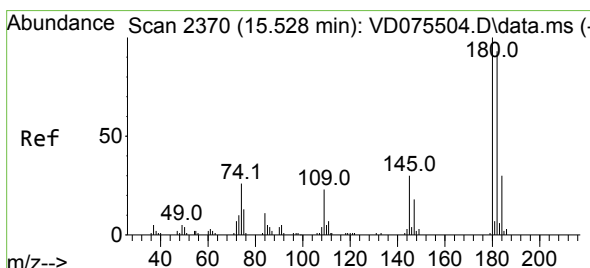
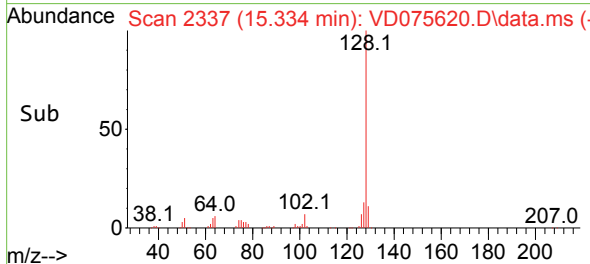
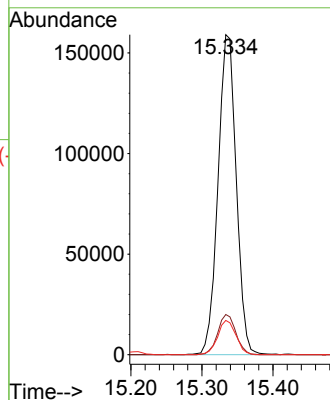
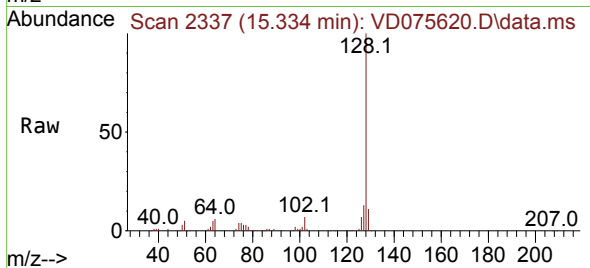
Tgt Ion:128 Resp: 283099

Ion Ratio Lower Upper

128 100

127 12.5 10.4 15.6

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 46.876 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD075620.D

Acq: 11 Apr 2023 14:00

Tgt Ion:180 Resp: 124937

Ion Ratio Lower Upper

180 100

182 94.9 47.7 143.1

145 30.7 16.4 49.4

