

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075319.D
 Acq On : 13 Feb 2023 11:12
 Operator : KP/SY
 Sample : VD0213SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0213SBS01

Quant Time: Feb 14 01:14:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	48352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	80441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	73919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	38271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	28583	50.414	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.820%
35) Dibromofluoromethane	7.804	113	28222	50.035	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.060%
50) Toluene-d8	10.269	98	104095	48.663	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.320%
62) 4-Bromofluorobenzene	12.575	95	34503	48.917	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.840%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	9956	23.693	ug/l	100
3) Chloromethane	2.146	50	15256	19.348	ug/l	94
4) Vinyl Chloride	2.281	62	16881	20.985	ug/l	97
5) Bromomethane	2.681	94	10369	20.146	ug/l	95
6) Chloroethane	2.828	64	12261	22.094	ug/l	97
7) Trichlorofluoromethane	3.169	101	21115	21.111	ug/l	100
8) Diethyl Ether	3.599	74	5289	19.671	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.958	101	12359	21.775	ug/l	97
10) Methyl Iodide	4.158	142	13306	20.911	ug/l	90
11) Tert butyl alcohol	5.057	59	2983	81.291	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	11546	21.335	ug/l	97
13) Acrolein	3.793	56	2290	107.265	ug/l #	79
14) Allyl chloride	4.563	41	18209	20.223	ug/l	91
15) Acrylonitrile	5.257	53	13483	103.345	ug/l	97
16) Acetone	4.022	43	14147	94.365	ug/l	99
17) Carbon Disulfide	4.269	76	33865	20.283	ug/l	98
18) Methyl Acetate	4.557	43	8342	19.168	ug/l	96
19) Methyl tert-butyl Ether	5.310	73	25569	20.579	ug/l	97
20) Methylene Chloride	4.793	84	15003	20.151	ug/l	92
21) trans-1,2-Dichloroethene	5.322	96	12962	21.166	ug/l #	86
22) Diisopropyl ether	6.216	45	37954	21.192	ug/l	98
23) Vinyl Acetate	6.157	43	66311	119.927	ug/l	98
24) 1,1-Dichloroethane	6.122	63	24088	21.573	ug/l	98
25) 2-Butanone	7.081	43	18633	100.307	ug/l	96
26) 2,2-Dichloropropane	7.069	77	20462	20.703	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	13850	20.215	ug/l	91
28) Bromochloromethane	7.428	49	7223	23.851	ug/l #	87
29) Tetrahydrofuran	7.446	42	10116	101.131	ug/l	91
30) Chloroform	7.593	83	24891	21.658	ug/l	98
31) Cyclohexane	7.881	56	19467	19.336	ug/l	92
32) 1,1,1-Trichloroethane	7.798	97	22673	22.055	ug/l	98
36) 1,1-Dichloropropene	8.010	75	17533	19.954	ug/l	96
37) Ethyl Acetate	7.169	43	7499	19.569	ug/l #	92
38) Carbon Tetrachloride	7.993	117	18584	22.825	ug/l	94
39) Methylcyclohexane	9.275	83	19754	19.423	ug/l	98
40) Benzene	8.251	78	50201	20.329	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	4717	20.634	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	14695	20.554	ug/l	100
43) Isopropyl Acetate	8.357	43	14610	19.953	ug/l	97
44) Trichloroethene	9.028	130	13944	20.484	ug/l	93
45) 1,2-Dichloropropane	9.304	63	13135	20.943	ug/l	98
46) Dibromomethane	9.398	93	7000	20.141	ug/l	96
47) Bromodichloromethane	9.581	83	18541	21.435	ug/l	89
48) Methyl methacrylate	9.381	41	7369	21.191	ug/l	90
49) 1,4-Dioxane	9.387	88	1170	364.852	ug/l #	86
51) 4-Methyl-2-Pentanone	10.163	43	36328	98.136	ug/l	97
52) Toluene	10.334	92	32842	21.114	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	14192	18.942	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	17117	19.108	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	9647	21.744	ug/l	95
56) Ethyl methacrylate	10.604	69	10077	19.537	ug/l #	92
57) 1,3-Dichloropropane	10.881	76	16308	21.577	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	7152	61.554	ug/l	96
59) 2-Hexanone	10.922	43	26333	97.368	ug/l	94
60) Dibromochloromethane	11.081	129	11675	21.240	ug/l	95
61) 1,2-Dibromoethane	11.187	107	8383	19.596	ug/l	97
64) Tetrachloroethene	10.810	164	11286	19.824	ug/l	87
65) Chlorobenzene	11.610	112	34530	20.714	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	12997	21.415	ug/l	97
67) Ethyl Benzene	11.687	91	60214	19.565	ug/l	97
68) m/p-Xylenes	11.798	106	47336	40.434	ug/l	96
69) o-Xylene	12.128	106	21939	20.063	ug/l	96
70) Styrene	12.139	104	38154	20.597	ug/l	99
71) Bromoform	12.304	173	6598	20.239	ug/l #	98
73) Isopropylbenzene	12.428	105	60215	19.422	ug/l	97
74) N-amyl acetate	12.234	43	13538	19.432	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	10719	19.872	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	12842	29.542	ug/l #	100
77) Bromobenzene	12.704	156	13933	19.846	ug/l	97
78) n-propylbenzene	12.769	91	76297	19.777	ug/l	98
79) 2-Chlorotoluene	12.851	91	41127	19.435	ug/l	99
80) 1,3,5-Trimethylbenzene	12.910	105	49888	19.325	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.475	75	1857	15.380	ug/l	86
82) 4-Chlorotoluene	12.951	91	43597	19.750	ug/l	99
83) tert-Butylbenzene	13.175	119	44237	19.877	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	49948	19.372	ug/l	98
85) sec-Butylbenzene	13.351	105	68610	20.096	ug/l	97
86) p-Isopropyltoluene	13.463	119	56009	20.054	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	29076	20.490	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	28567	20.119	ug/l	98
89) n-Butylbenzene	13.792	91	53802	19.732	ug/l	99
90) Hexachloroethane	14.057	117	10838	19.684	ug/l	96
91) 1,2-Dichlorobenzene	13.839	146	25041	20.338	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1500	17.929	ug/l	91
93) 1,2,4-Trichlorobenzene	15.104	180	15077	19.552	ug/l	98
94) Hexachlorobutadiene	15.210	225	7935	19.504	ug/l	93
95) Naphthalene	15.339	128	25447	17.730	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	13080	19.659	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
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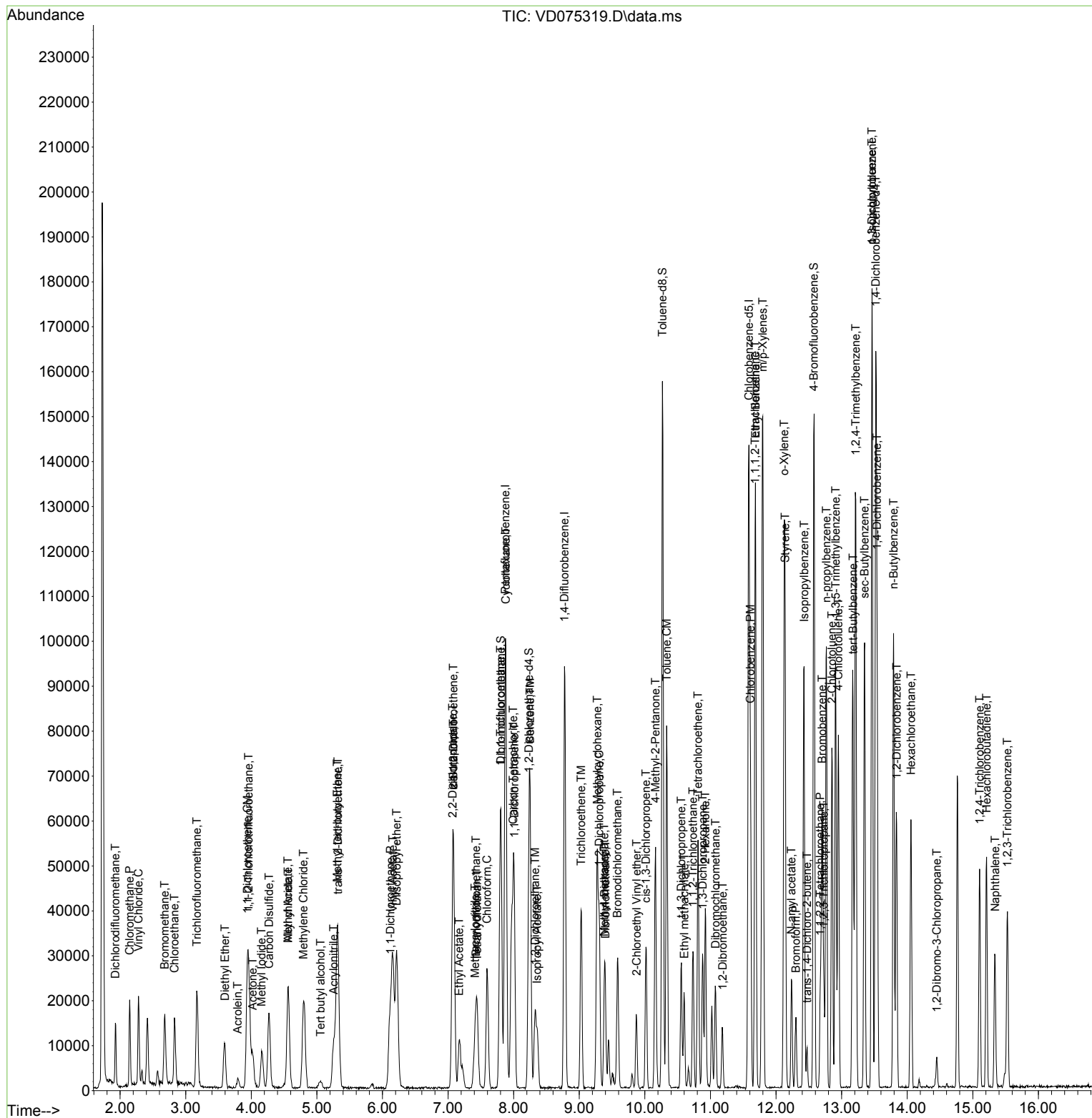
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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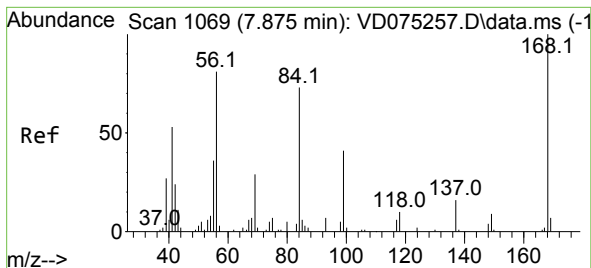
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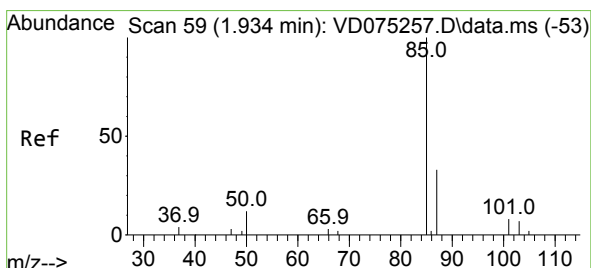
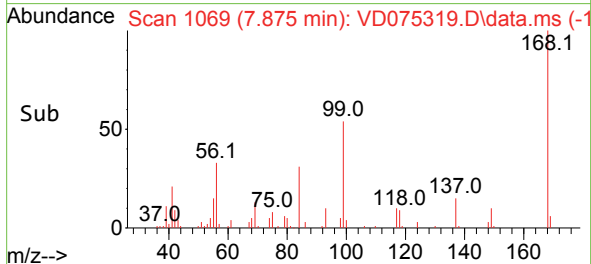
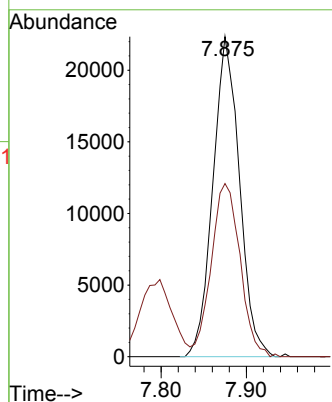
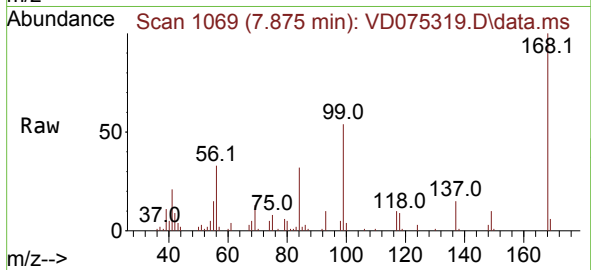




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
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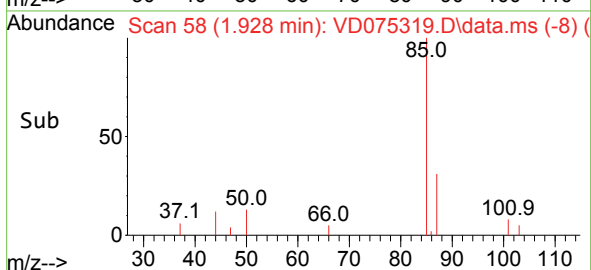
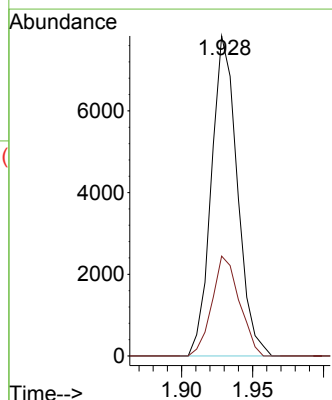
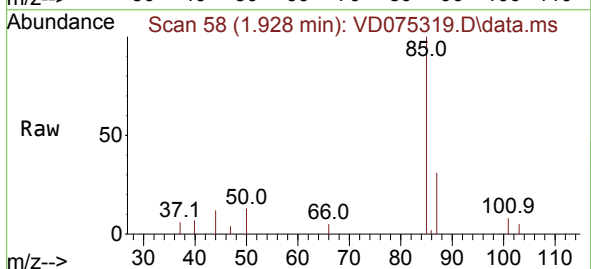
Instrument :
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ClientSampleId :
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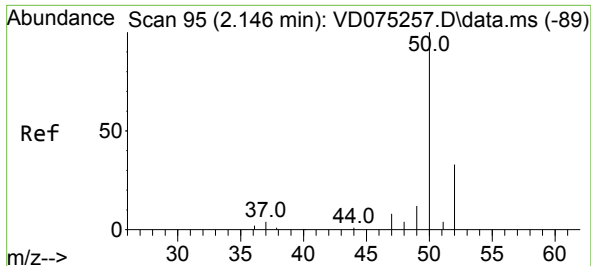
Tgt Ion:168 Resp: 48352
Ion Ratio Lower Upper
168 100
99 54.1 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 23.693 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 85 Resp: 9956
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.0

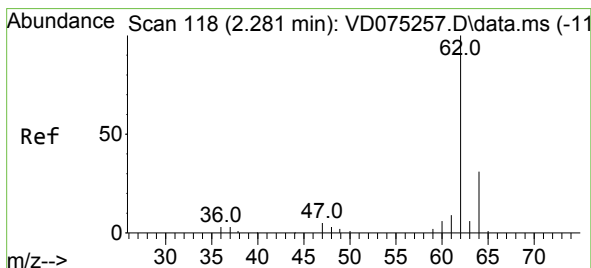
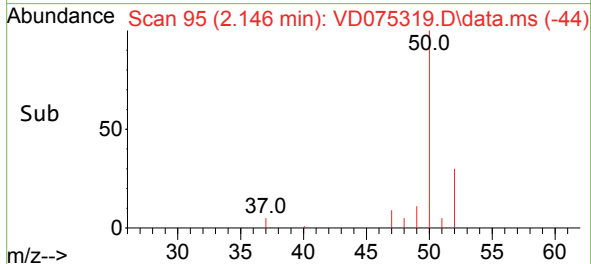
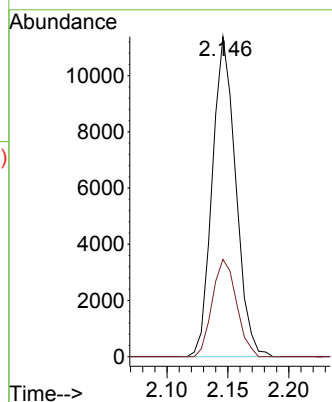
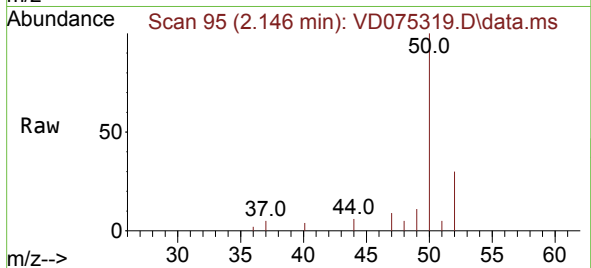




#3
Chloromethane
Concen: 19.348 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

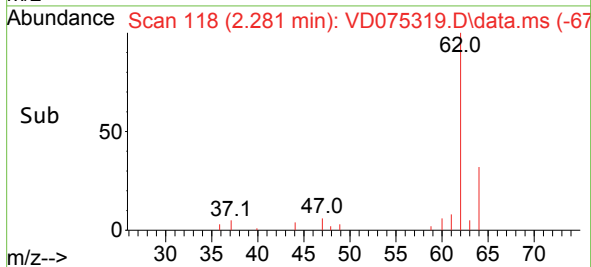
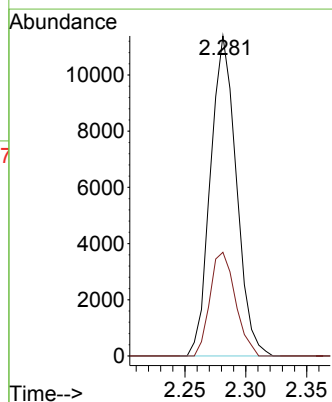
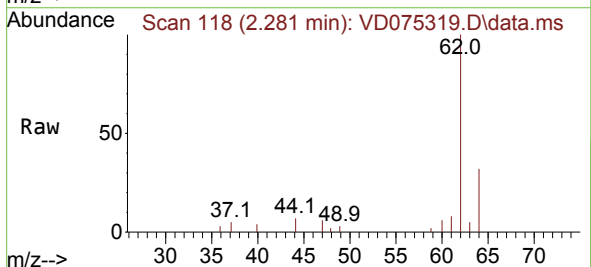
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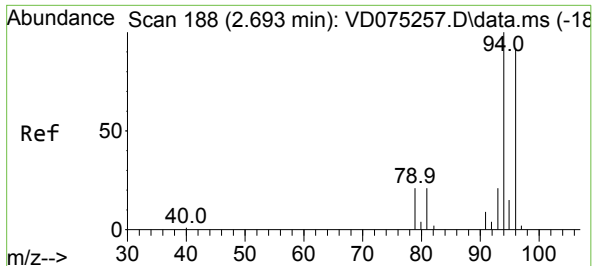
Tgt Ion: 50 Resp: 15256
Ion Ratio Lower Upper
50 100
52 30.4 27.0 40.6



#4
Vinyl Chloride
Concen: 20.985 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 62 Resp: 16881
Ion Ratio Lower Upper
62 100
64 32.4 24.8 37.2

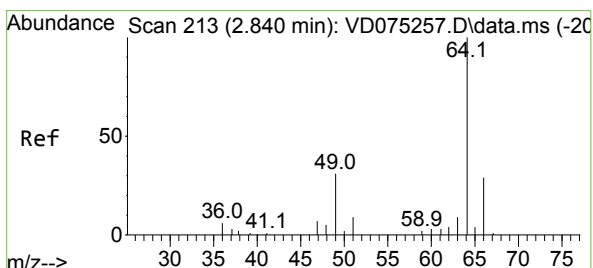
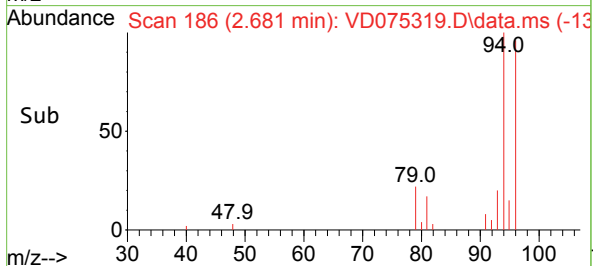
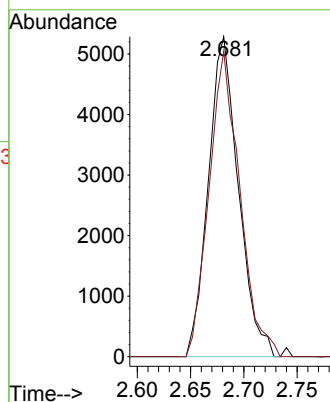
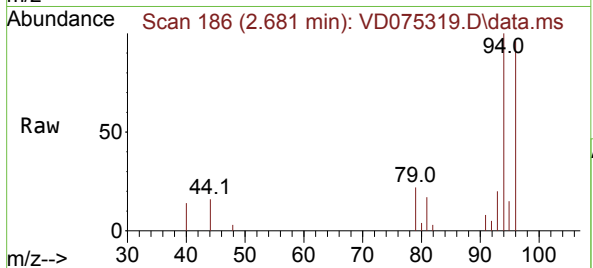




#5
Bromomethane
Concen: 20.146 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

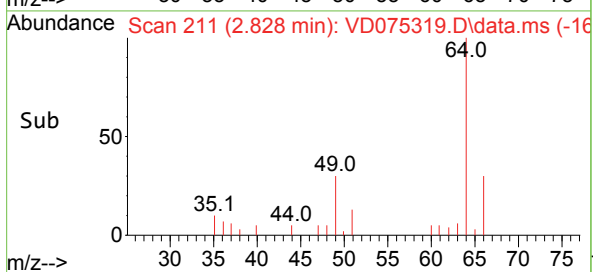
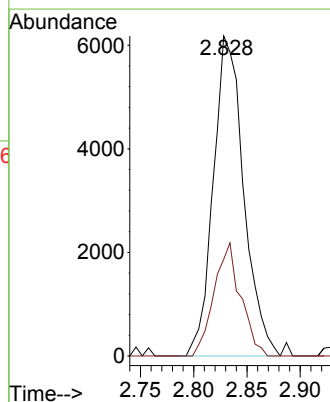
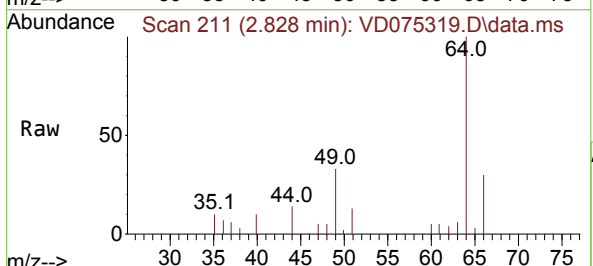
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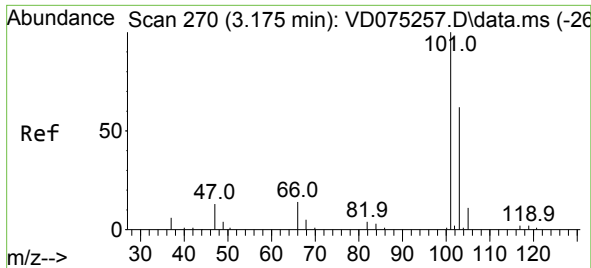
Tgt Ion: 94 Resp: 10369
Ion Ratio Lower Upper
94 100
96 97.9 74.8 112.2



#6
Chloroethane
Concen: 22.094 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD075319.D
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Tgt Ion: 64 Resp: 12261
Ion Ratio Lower Upper
64 100
66 30.2 25.4 38.2

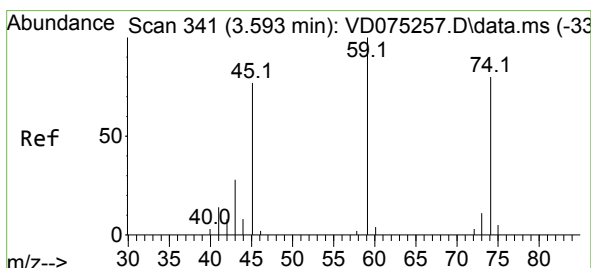
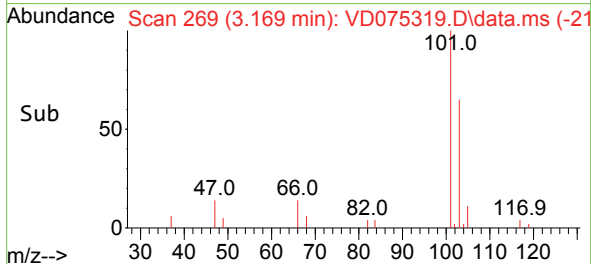
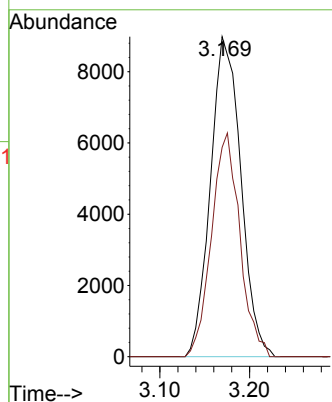
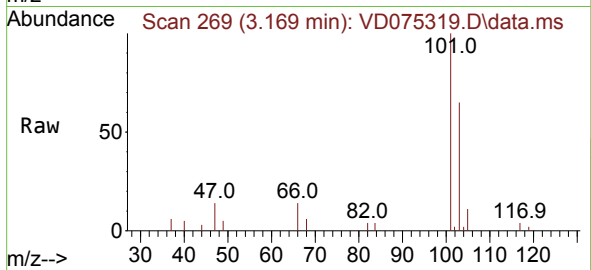




#7
 Trichlorofluoromethane
 Concen: 21.111 ug/l
 RT: 3.169 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VD075319.D
 Acq: 13 Feb 2023 11:12

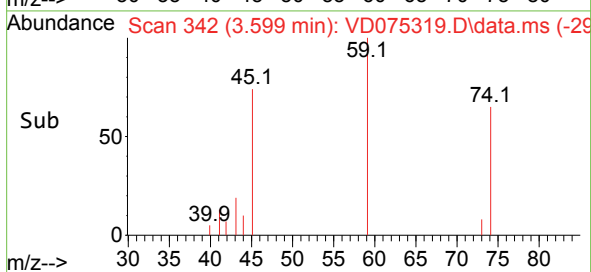
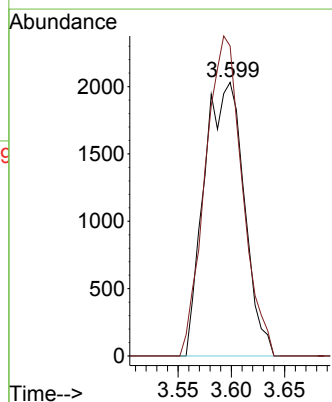
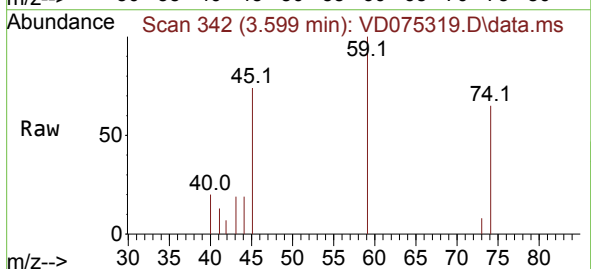
Instrument :
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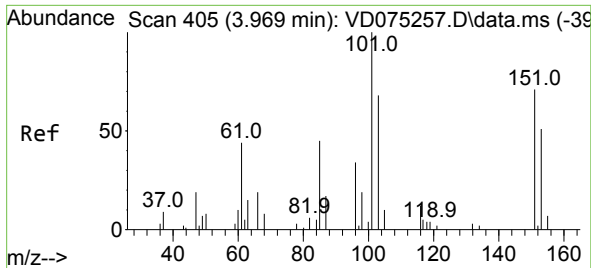
Tgt Ion:101 Resp: 21115
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.2 78.4



#8
 Diethyl Ether
 Concen: 19.671 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD075319.D
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Tgt Ion: 74 Resp: 5289
 Ion Ratio Lower Upper
 74 100
 45 108.2 49.8 149.3

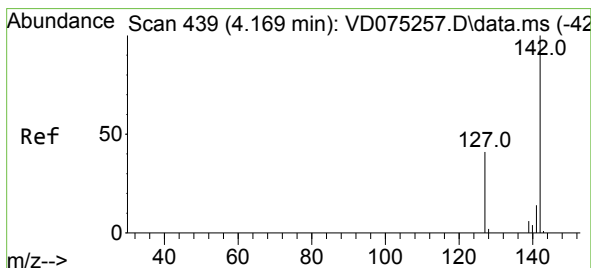
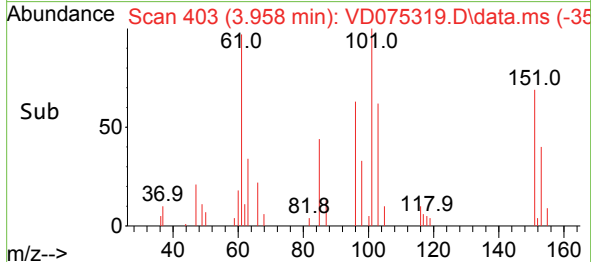
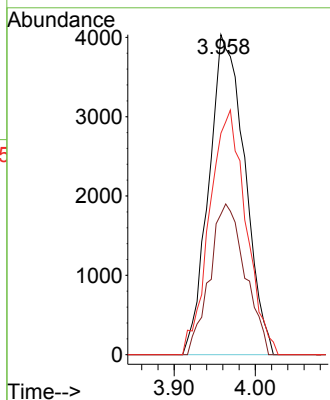
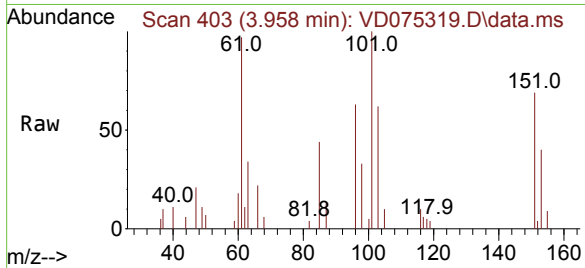




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.775 ug/l
 RT: 3.958 min Scan# 405
 Delta R.T. -0.011 min
 Lab File: VD075319.D
 Acq: 13 Feb 2023 11:12

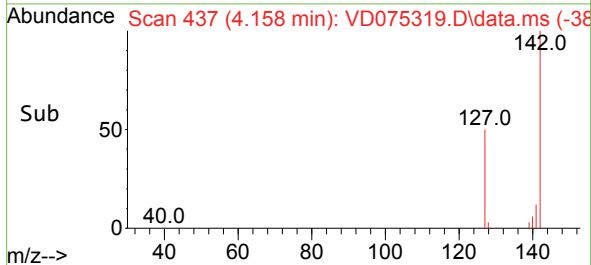
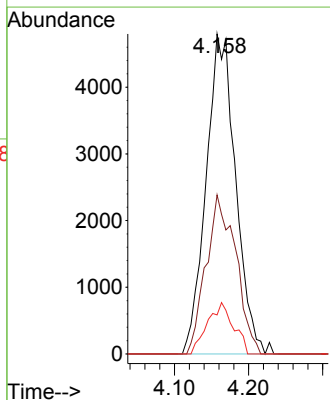
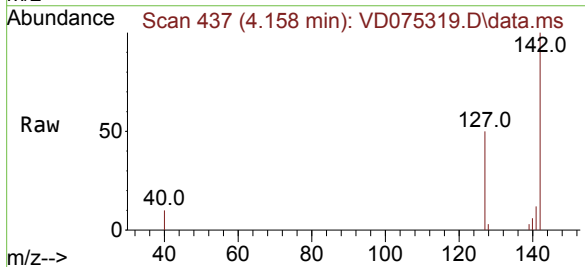
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0213SBS01

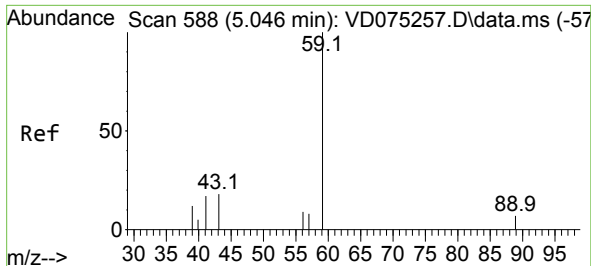
Tgt Ion:101	Resp:	12359
Ion	Ratio	Lower Upper
101	100	
85	46.6	36.9 55.3
151	77.7	58.9 88.3



#10
 Methyl Iodide
 Concen: 20.911 ug/l
 RT: 4.158 min Scan# 437
 Delta R.T. -0.011 min
 Lab File: VD075319.D
 Acq: 13 Feb 2023 11:12

Tgt Ion:142	Resp:	13306
Ion	Ratio	Lower Upper
142	100	
127	50.0	33.6 50.4
141	14.1	11.1 16.7

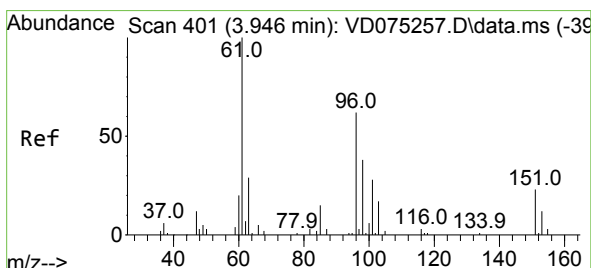
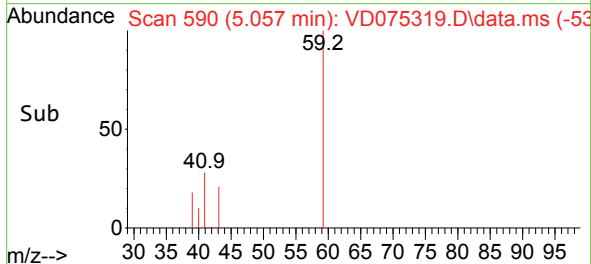
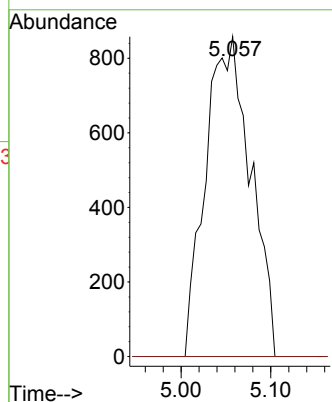
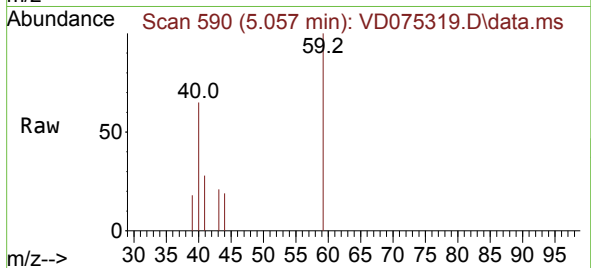




#11
Tert butyl alcohol
Concen: 81.291 ug/l
RT: 5.057 min Scan# 51
Delta R.T. 0.011 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

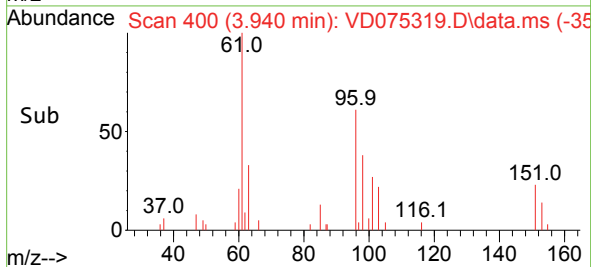
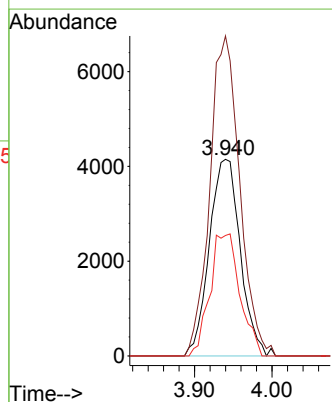
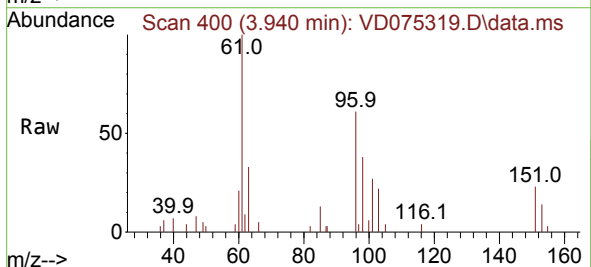
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

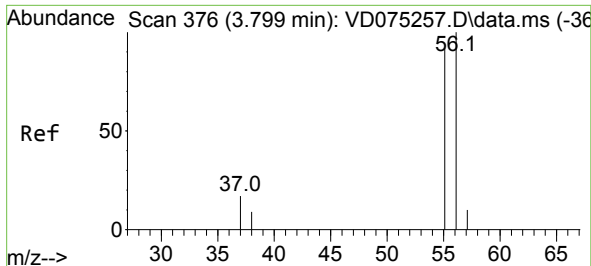
Tgt Ion: 59 Resp: 2983
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#



#12
1,1-Dichloroethene
Concen: 21.335 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 96 Resp: 11546
Ion Ratio Lower Upper
96 100
61 162.8 126.8 190.2
98 61.3 50.4 75.6

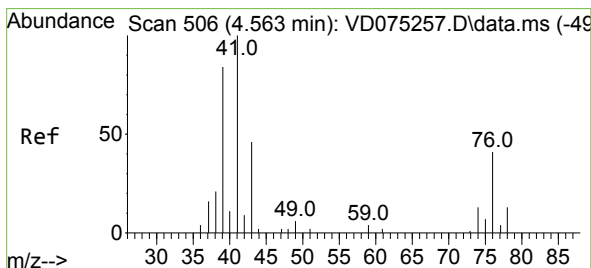
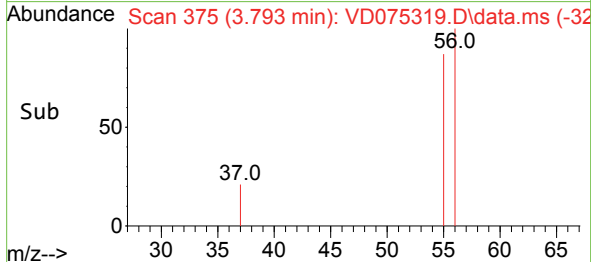
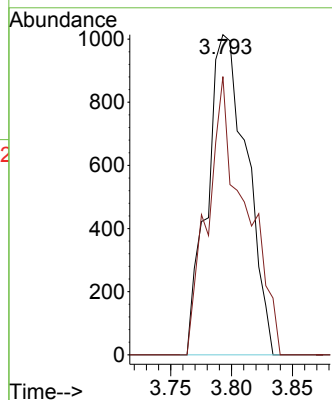
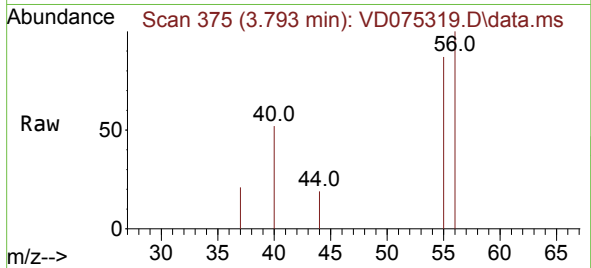




#13
Acrolein
Concen: 107.265 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

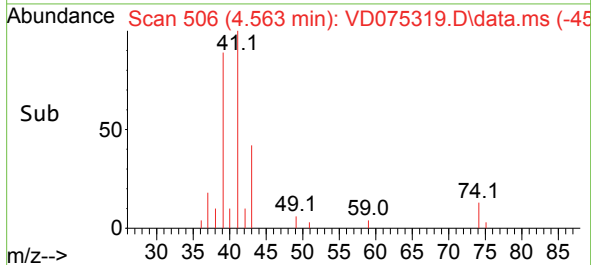
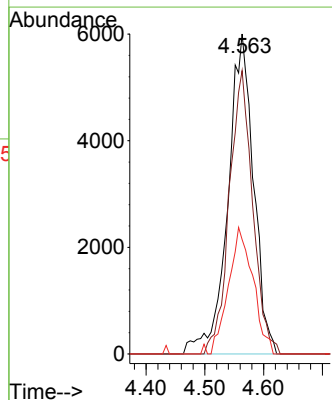
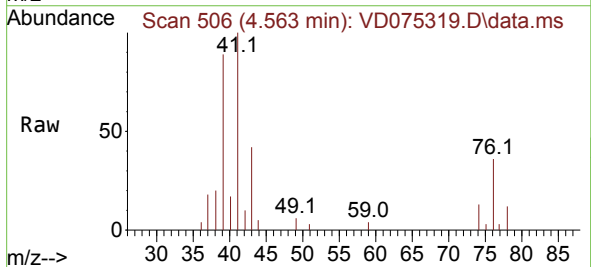
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

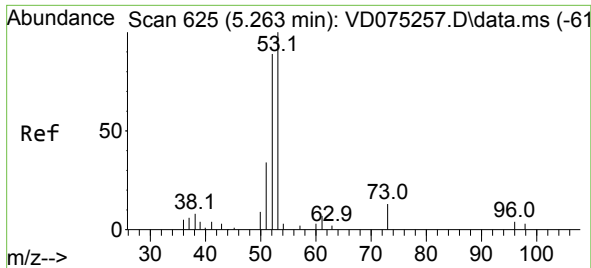
Tgt Ion: 56 Resp: 2290
Ion Ratio Lower Upper
56 100
55 83.1 53.0 79.6#



#14
Allyl chloride
Concen: 20.223 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 41 Resp: 18209
Ion Ratio Lower Upper
41 100
39 80.8 55.4 83.0
76 37.7 30.2 45.2

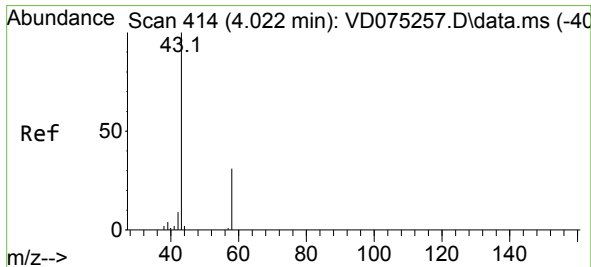
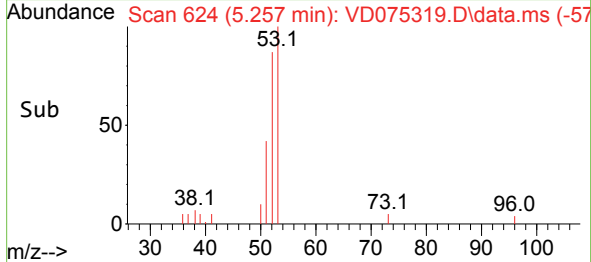
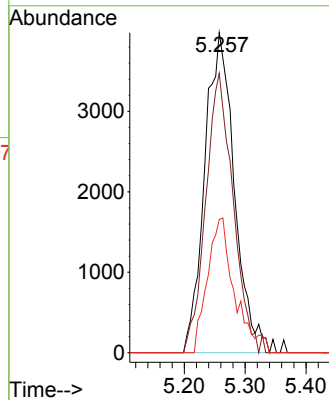
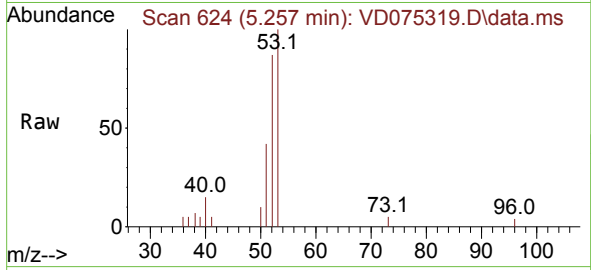




#15
Acrylonitrile
Concen: 103.345 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

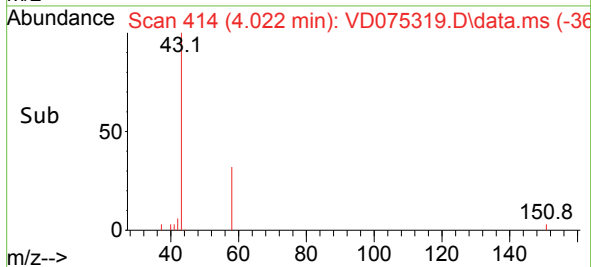
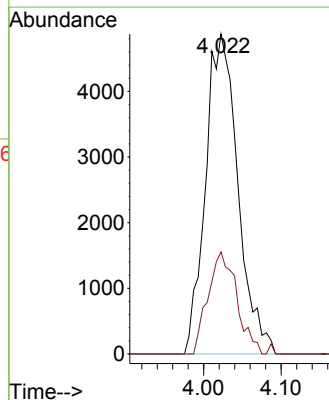
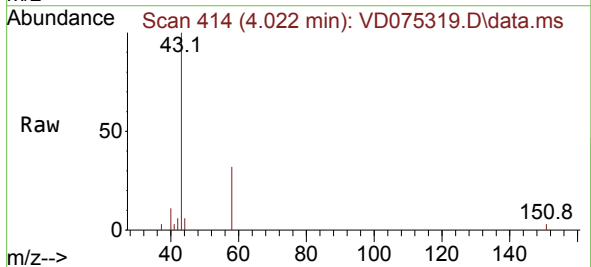
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

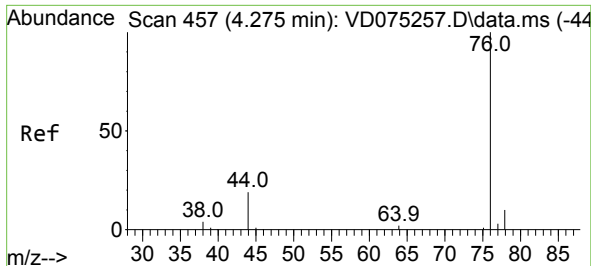
Tgt Ion: 53	Resp: 13483
Ion Ratio	Lower Upper
53 100	
52 80.4	67.0 100.6
51 36.9	30.1 45.1



#16
Acetone
Concen: 94.365 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 43	Resp: 14147
Ion Ratio	Lower Upper
43 100	
58 31.9	26.0 39.0

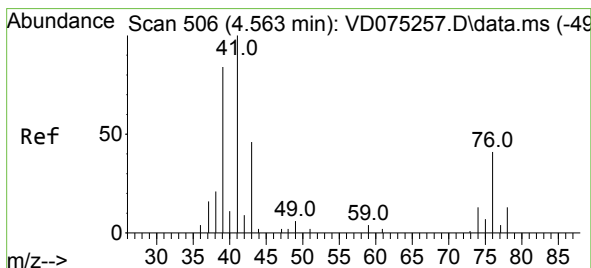
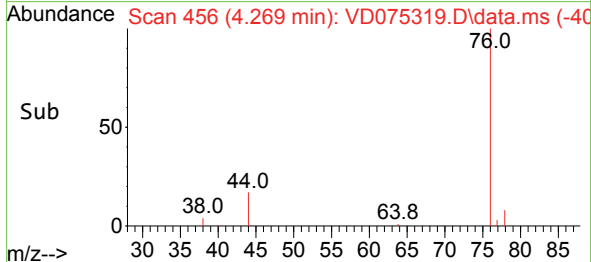
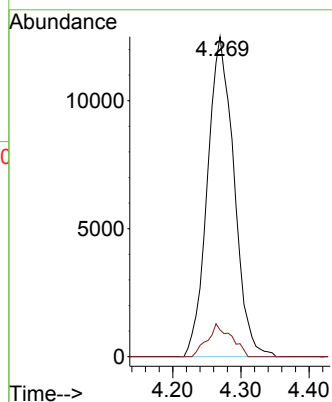
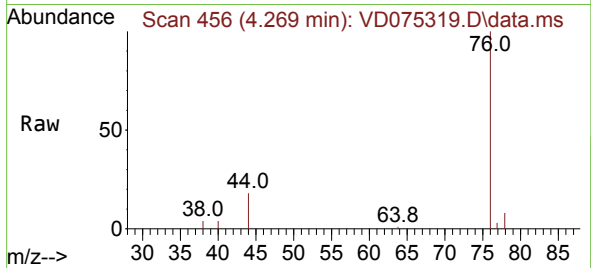




#17
Carbon Disulfide
Concen: 20.283 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

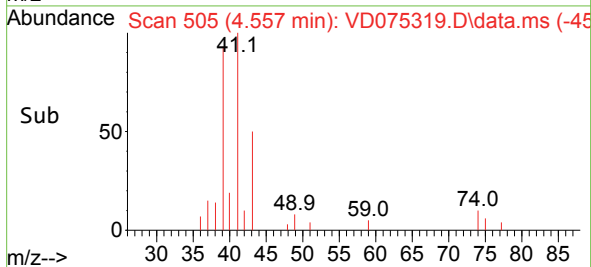
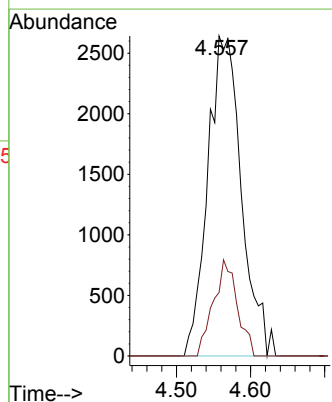
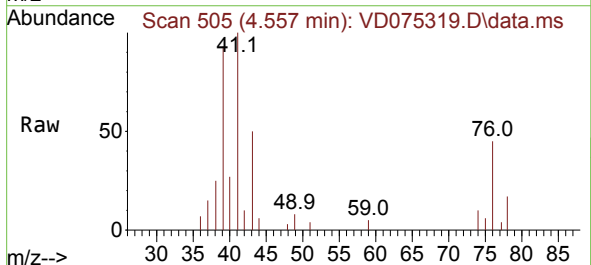
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

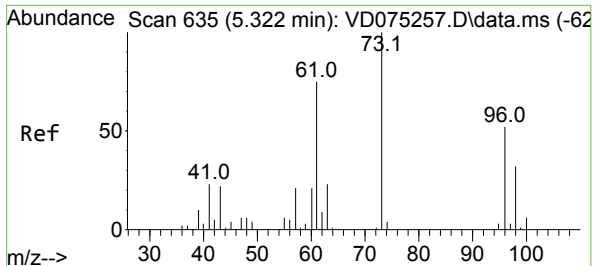
Tgt Ion: 76 Resp: 33865
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 19.168 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 43 Resp: 8342
Ion Ratio Lower Upper
43 100
74 21.2 18.5 27.7

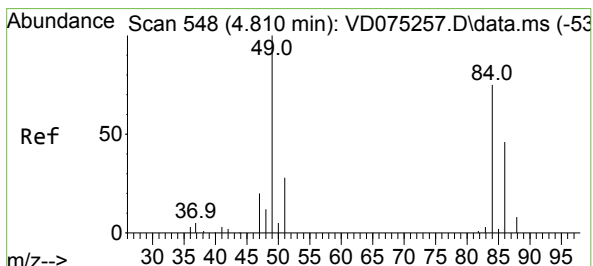
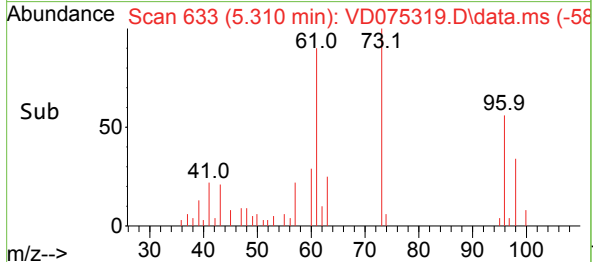
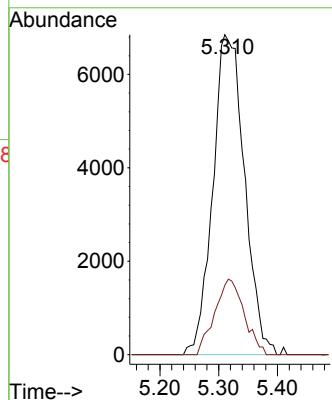
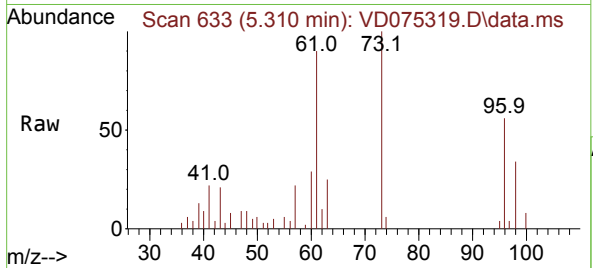




#19
Methyl tert-butyl Ether
Concen: 20.579 ug/l
RT: 5.310 min Scan# 610
Delta R.T. -0.012 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

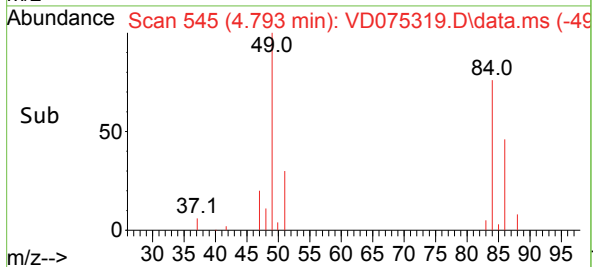
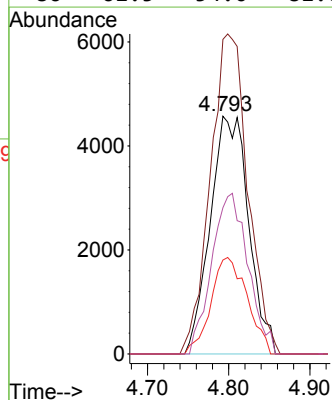
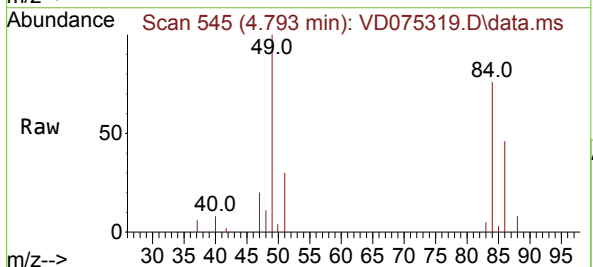
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

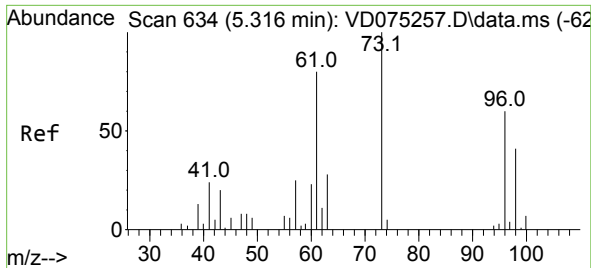
Tgt Ion: 73 Resp: 25569
Ion Ratio Lower Upper
73 100
57 21.7 18.5 27.7



#20
Methylene Chloride
Concen: 20.151 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.017 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 84 Resp: 15003
Ion Ratio Lower Upper
84 100
49 132.3 97.0 145.6
51 39.5 30.9 46.3
86 61.5 54.0 81.0

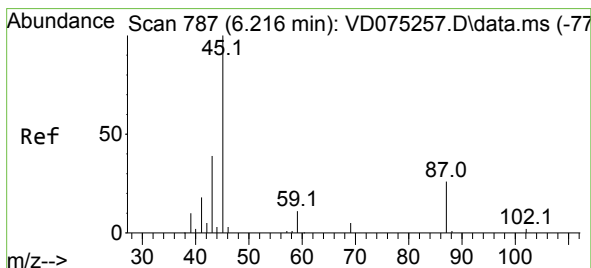
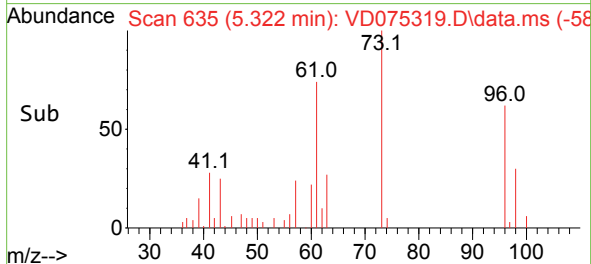
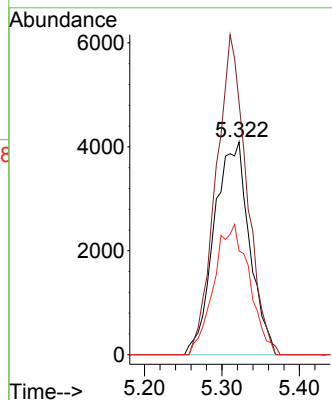
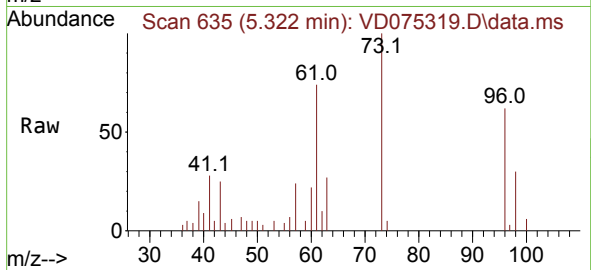




#21
trans-1,2-Dichloroethene
Concen: 21.166 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

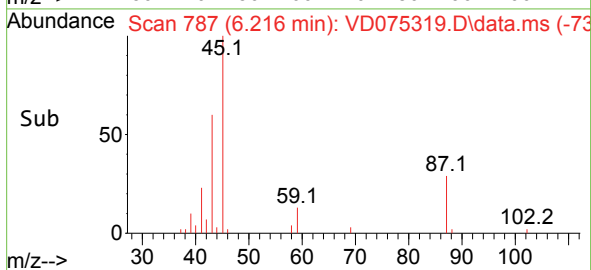
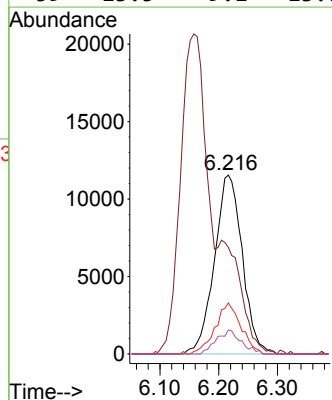
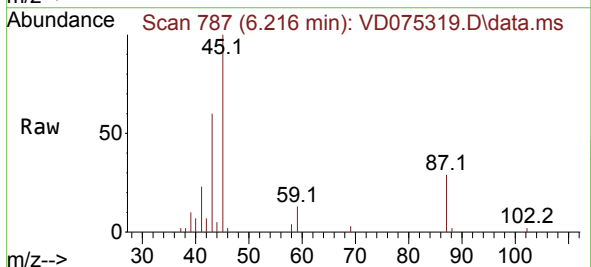
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

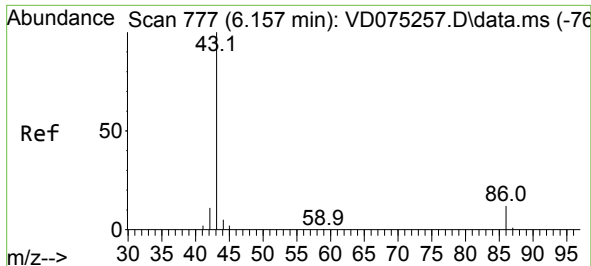
Tgt Ion: 96 Resp: 12962
Ion Ratio Lower Upper
96 100
61 118.5 105.7 158.5
98 48.8 50.4 75.6#



#22
Diisopropyl ether
Concen: 21.192 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 45 Resp: 37954
Ion Ratio Lower Upper
45 100
43 57.5 45.3 67.9
87 28.5 22.1 33.1
59 13.5 9.1 13.7

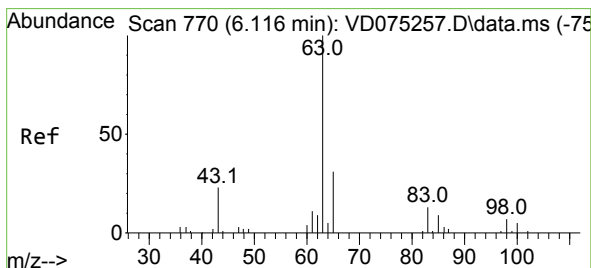
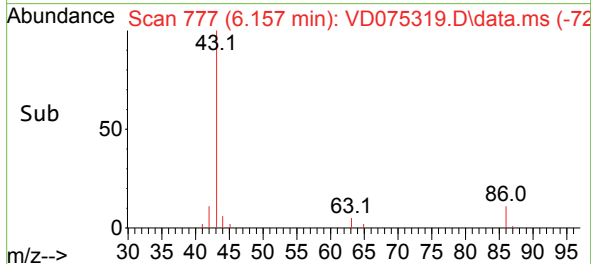
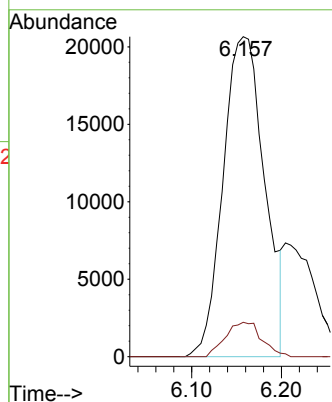
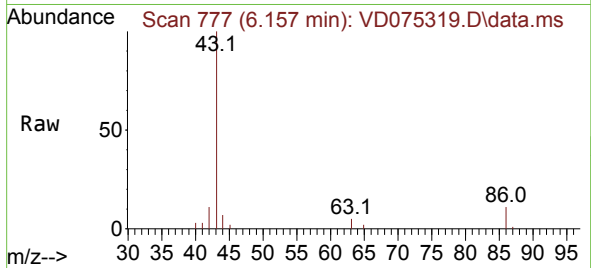




#23
 Vinyl Acetate
 Concen: 119.927 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD075319.D
 Acq: 13 Feb 2023 11:12

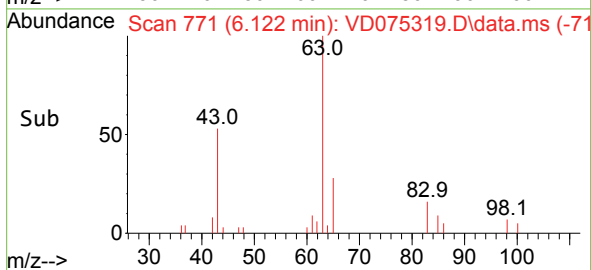
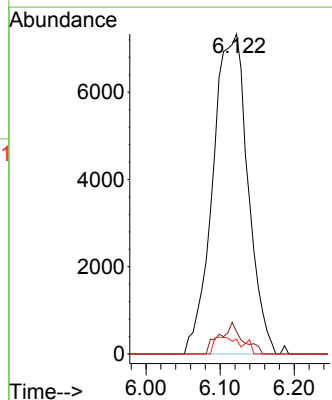
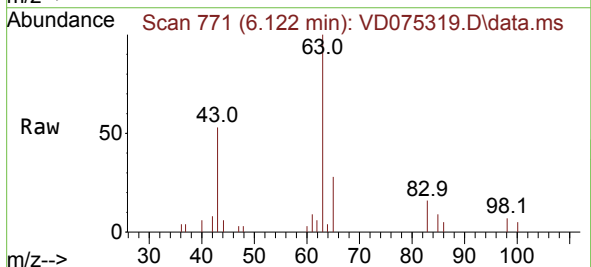
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0213SBS01

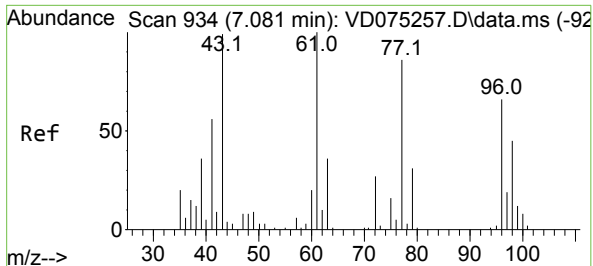
Tgt Ion: 43 Resp: 66311
 Ion Ratio Lower Upper
 43 100
 86 10.7 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 21.573 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VD075319.D
 Acq: 13 Feb 2023 11:12

Tgt Ion: 63 Resp: 24088
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.2
 100 4.7 2.5 7.4





#25

2-Butanone

Concen: 100.307 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075319.D

Acq: 13 Feb 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

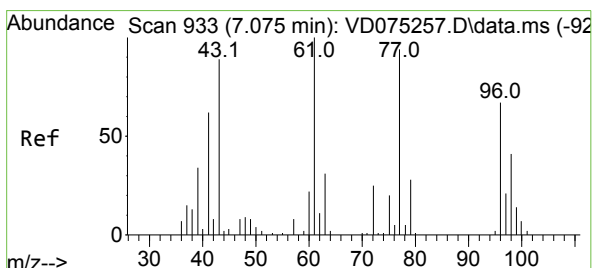
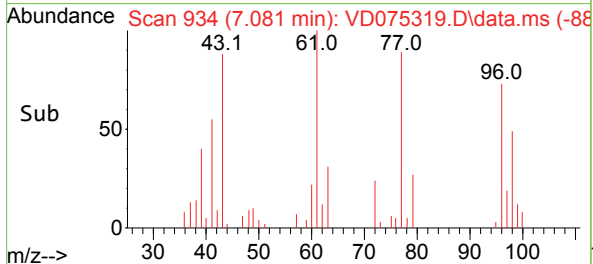
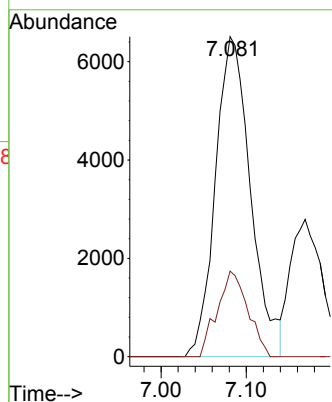
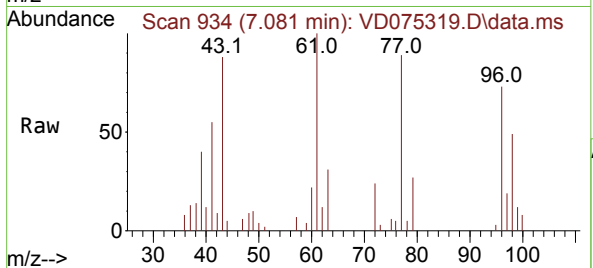
VD0213SBS01

Tgt Ion: 43 Resp: 18633

Ion Ratio Lower Upper

43 100

72 26.8 19.8 29.8



#26

2,2-Dichloropropane

Concen: 20.703 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD075319.D

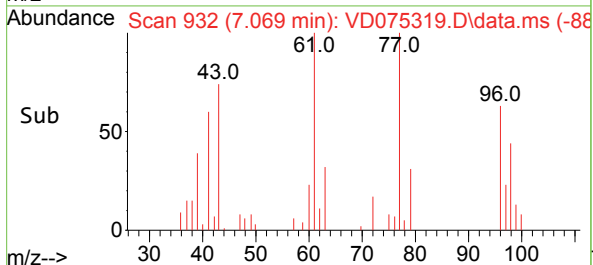
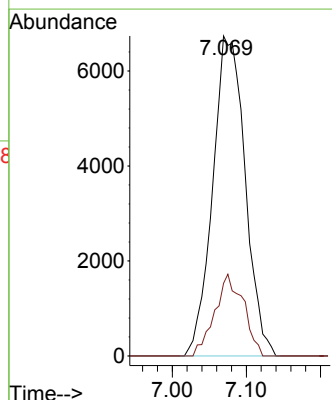
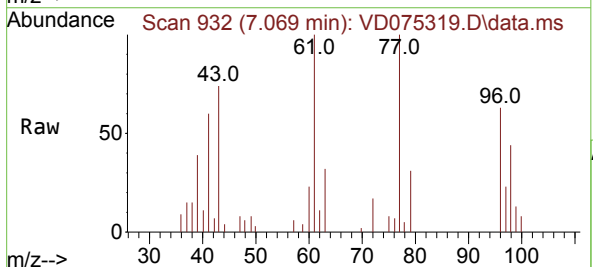
Acq: 13 Feb 2023 11:12

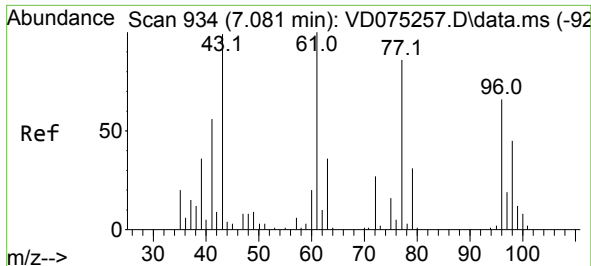
Tgt Ion: 77 Resp: 20462

Ion Ratio Lower Upper

77 100

97 22.6 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 20.215 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075319.D

Acq: 13 Feb 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

VD0213SBS01

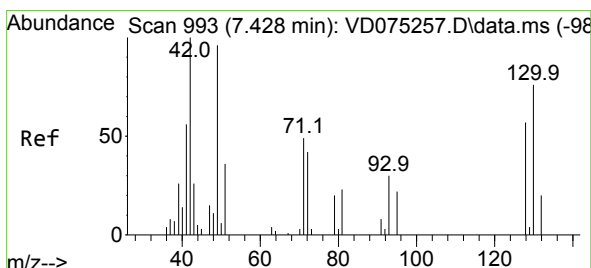
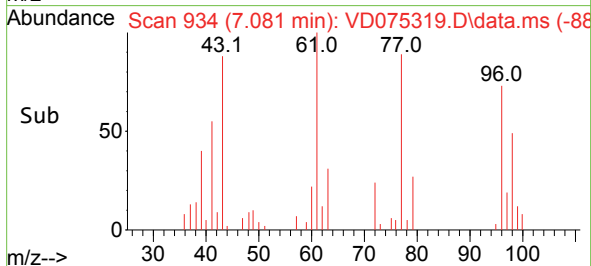
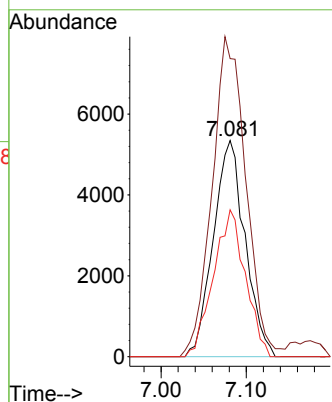
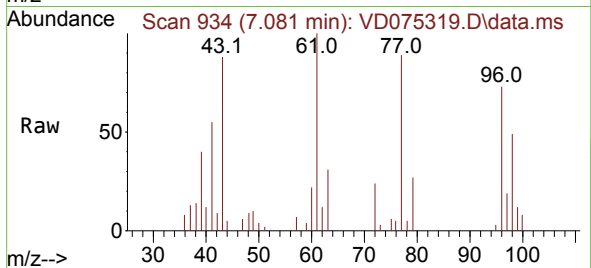
Tgt Ion: 96 Resp: 13850

Ion Ratio Lower Upper

96 100

61 157.6 0.0 287.4

98 68.4 0.0 129.8



#28

Bromochloromethane

Concen: 23.851 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD075319.D

Acq: 13 Feb 2023 11:12

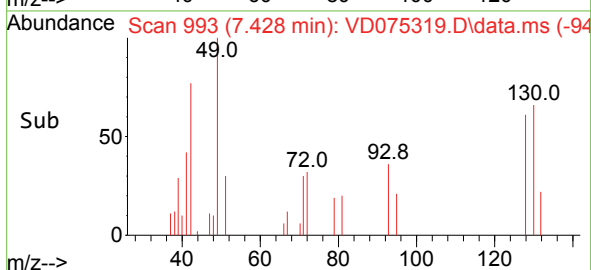
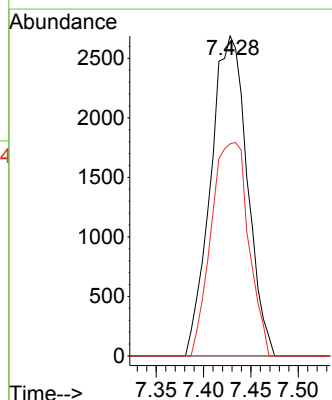
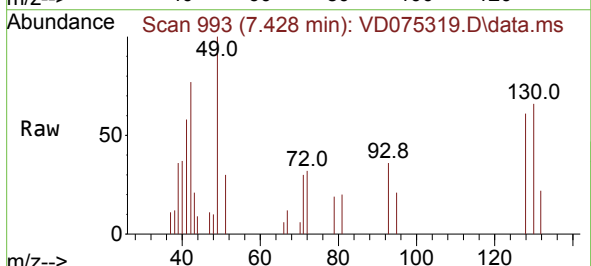
Tgt Ion: 49 Resp: 7223

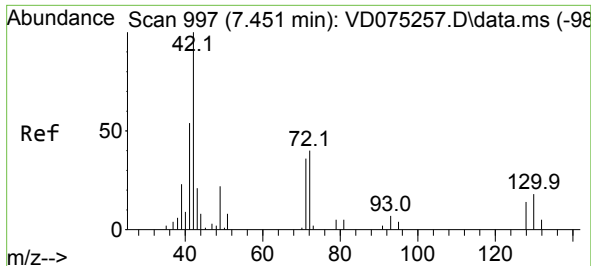
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.6

130 67.9 63.6 95.4





#29

Tetrahydrofuran

Concen: 101.131 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.005 min

Lab File: VD075319.D

Acq: 13 Feb 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

VD0213SBS01

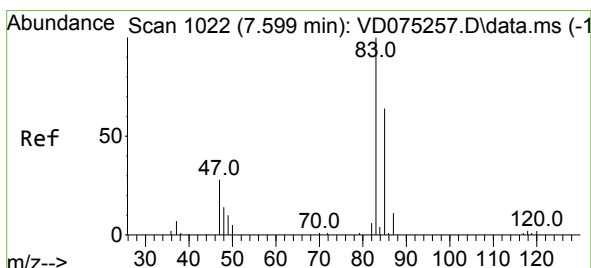
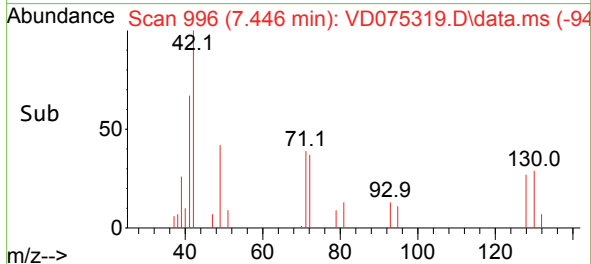
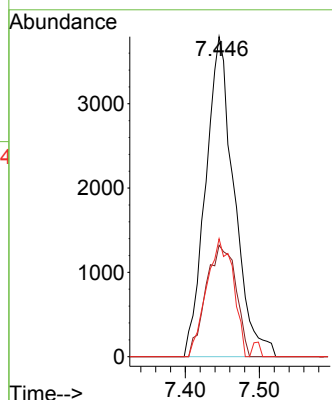
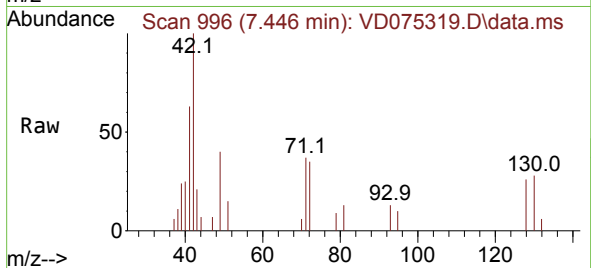
Tgt Ion: 42 Resp: 10116

Ion Ratio Lower Upper

42 100

72 36.4 33.8 50.8

71 34.6 31.6 47.4



#30

Chloroform

Concen: 21.658 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD075319.D

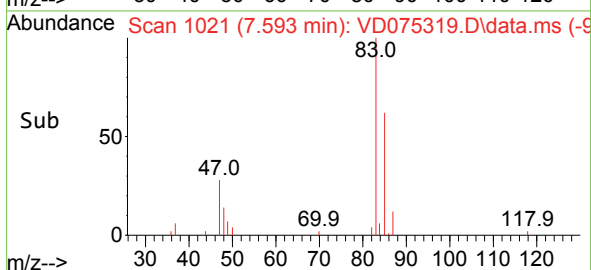
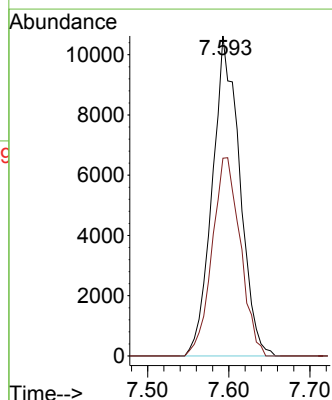
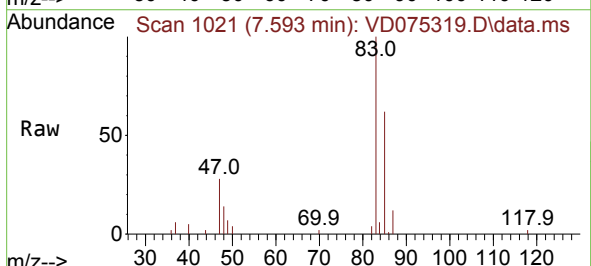
Acq: 13 Feb 2023 11:12

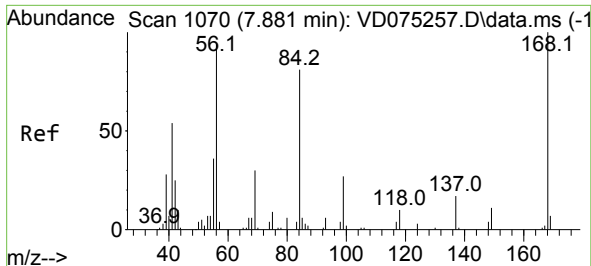
Tgt Ion: 83 Resp: 24891

Ion Ratio Lower Upper

83 100

85 61.8 48.5 72.7

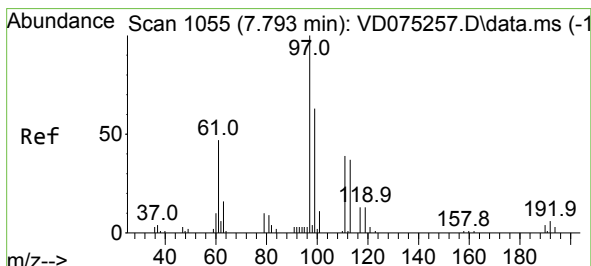
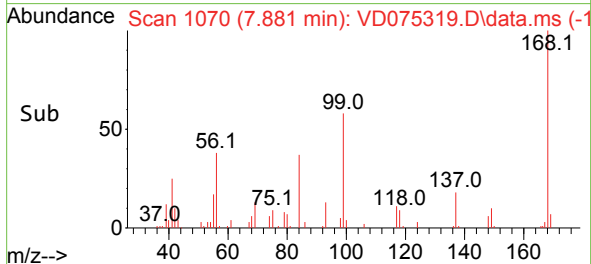
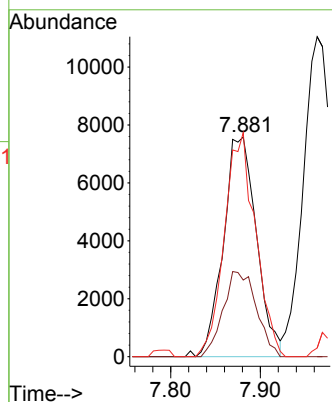
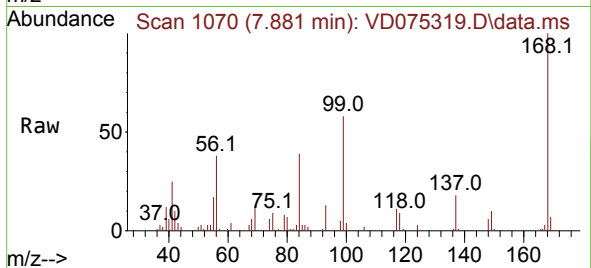




#31
Cyclohexane
Concen: 19.336 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

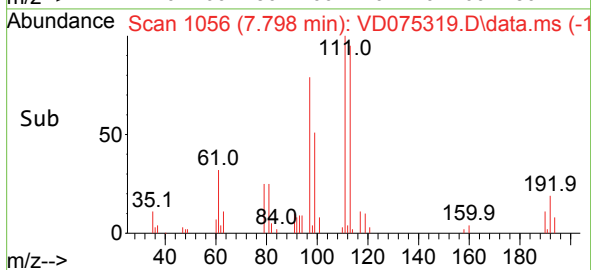
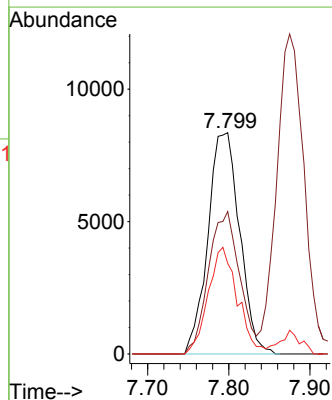
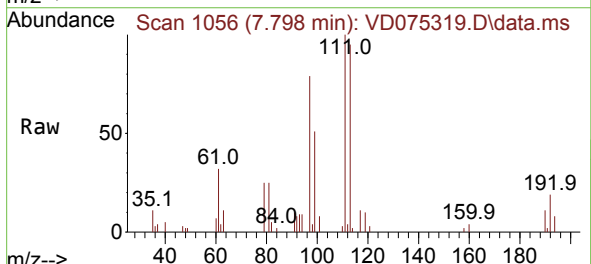
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

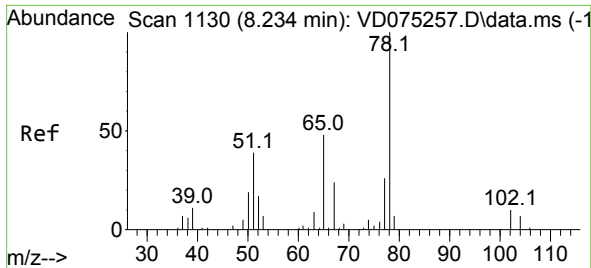
Tgt Ion: 56 Resp: 19467
Ion Ratio Lower Upper
56 100
69 34.9 26.6 40.0
84 102.0 74.1 111.1



#32
1,1,1-Trichloroethane
Concen: 22.055 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. 0.005 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 97 Resp: 22673
Ion Ratio Lower Upper
97 100
99 63.2 51.7 77.5
61 44.6 36.3 54.5

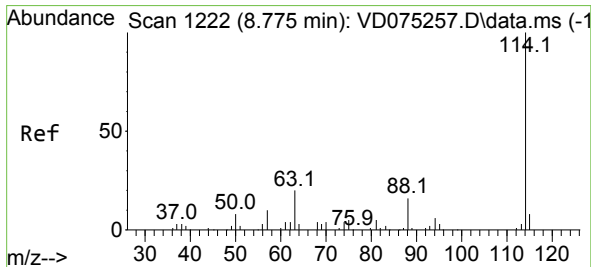
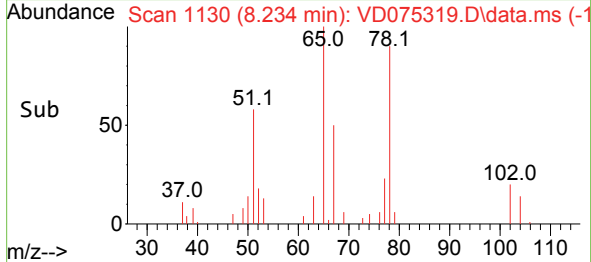
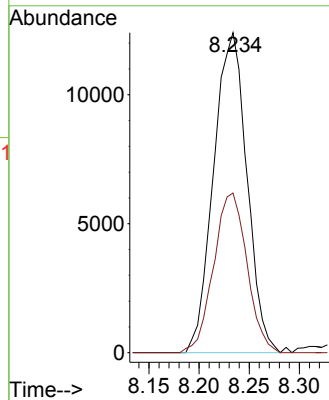
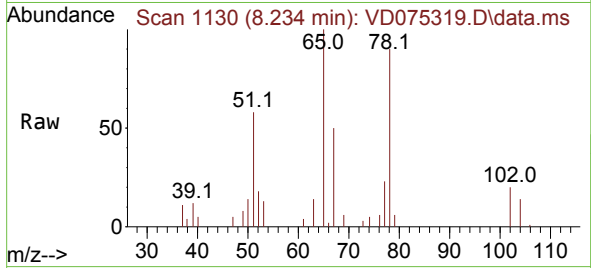




#33
1,2-Dichloroethane-d4
Concen: 50.414 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

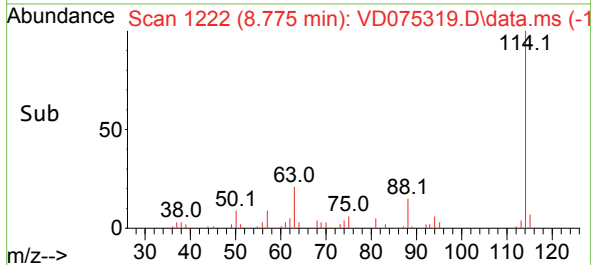
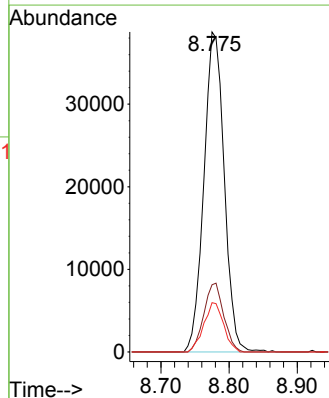
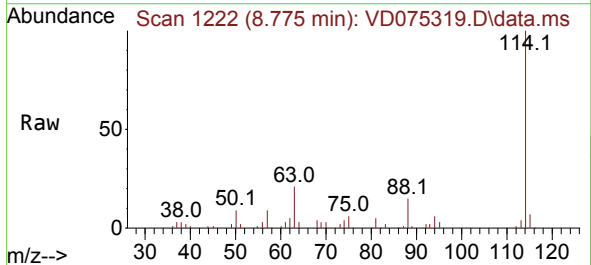
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

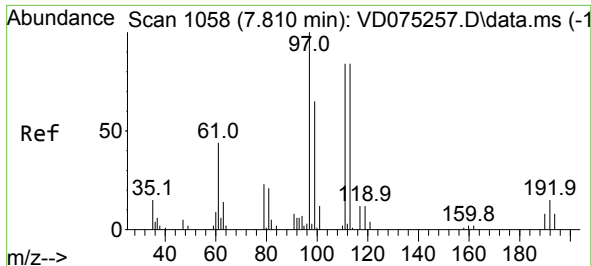
Tgt Ion: 65 Resp: 28583
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 114 Resp: 80441
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.2
88 15.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.035 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075319.D

Acq: 13 Feb 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

VD0213SBS01

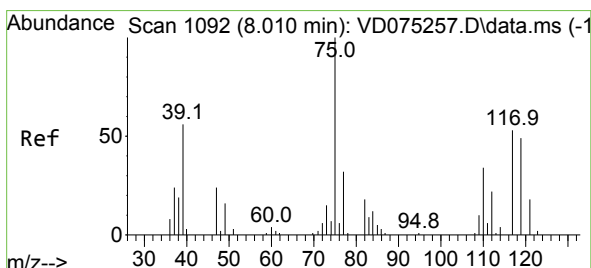
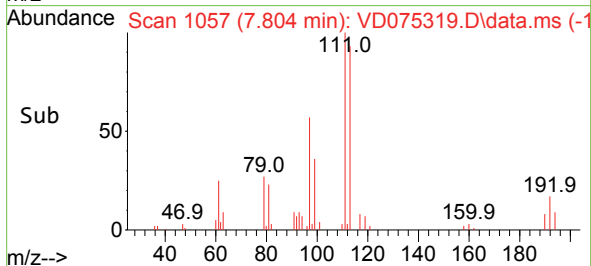
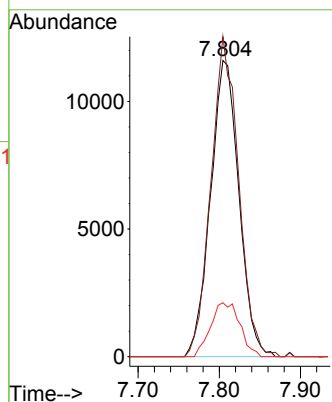
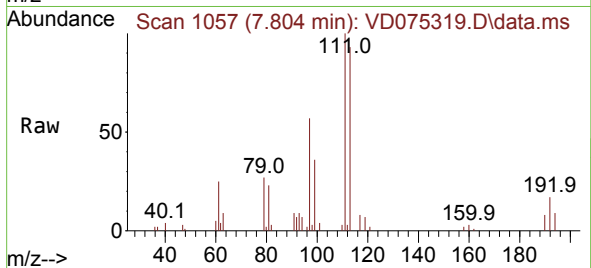
Tgt Ion:113 Resp: 28222

Ion Ratio Lower Upper

113 100

111 104.8 80.1 120.1

192 18.8 15.4 23.0



#36

1,1-Dichloropropene

Concen: 19.954 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075319.D

Acq: 13 Feb 2023 11:12

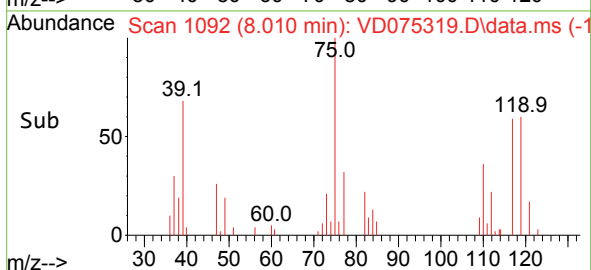
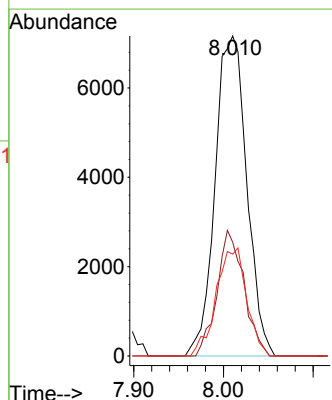
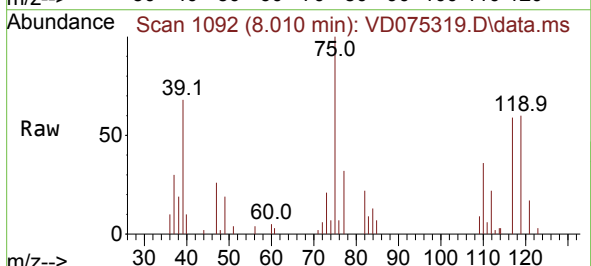
Tgt Ion: 75 Resp: 17533

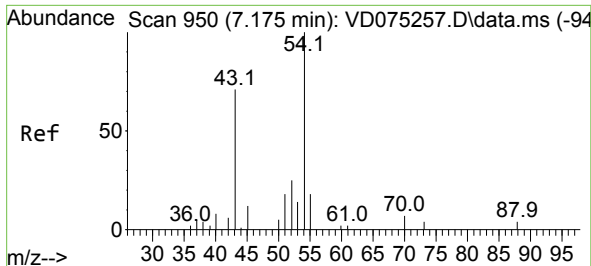
Ion Ratio Lower Upper

75 100

110 33.4 18.1 54.4

77 32.6 25.1 37.7





#37

Ethyl Acetate

Concen: 19.569 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD075319.D

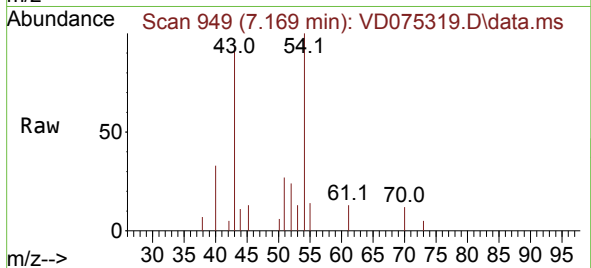
Acq: 13 Feb 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

VD0213SBS01



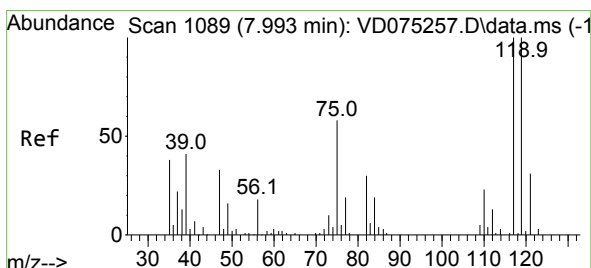
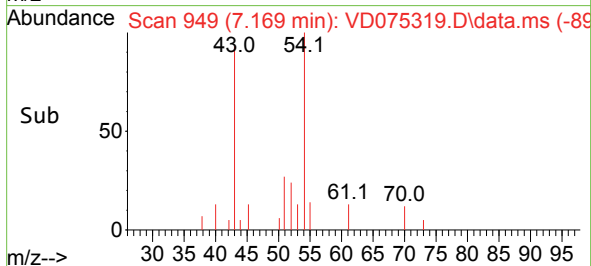
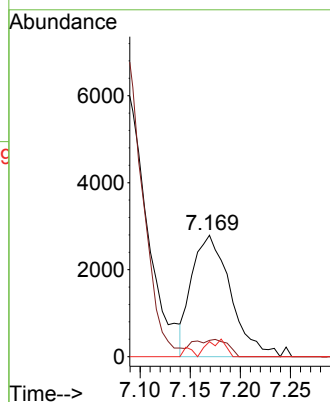
Tgt Ion: 43 Resp: 7499

Ion Ratio Lower Upper

43 100

61 12.3 11.7 17.5

70 6.7 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 22.825 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075319.D

Acq: 13 Feb 2023 11:12

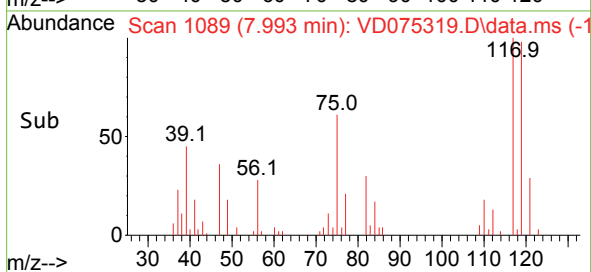
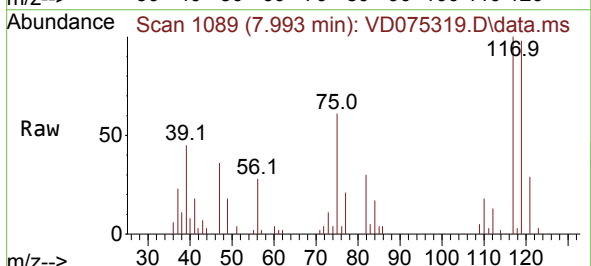
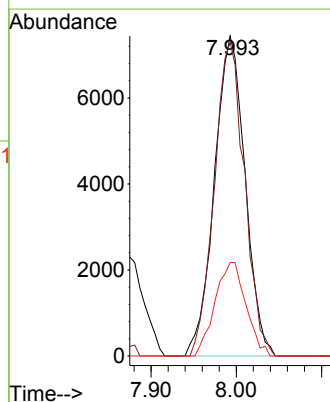
Tgt Ion: 117 Resp: 18584

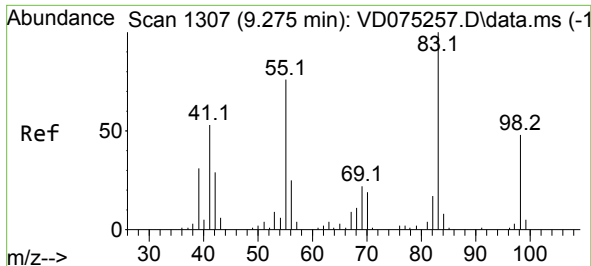
Ion Ratio Lower Upper

117 100

119 98.0 73.6 110.4

121 29.2 25.4 38.0





#39

Methylcyclohexane

Concen: 19.423 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075319.D

Acq: 13 Feb 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

VD0213SBS01

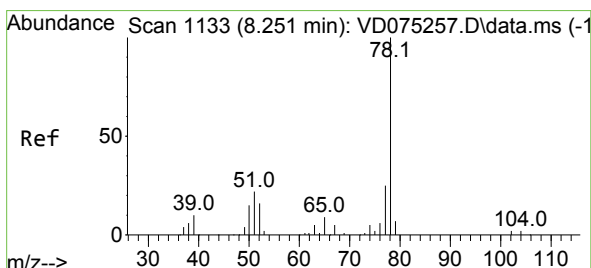
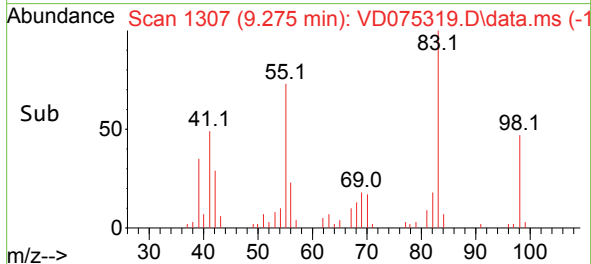
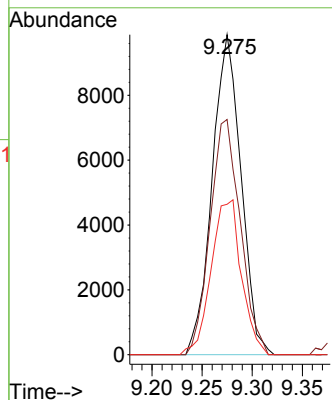
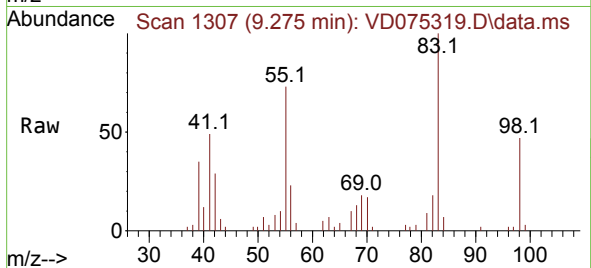
Tgt Ion: 83 Resp: 19754

Ion Ratio Lower Upper

83 100

55 73.5 60.0 90.0

98 47.0 39.0 58.4



#40

Benzene

Concen: 20.329 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075319.D

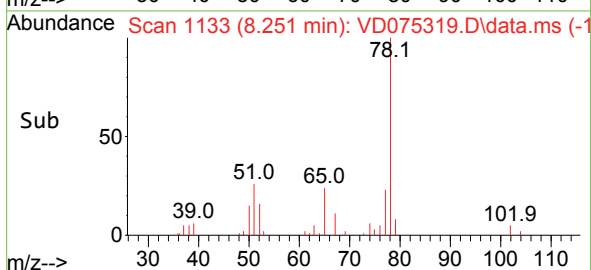
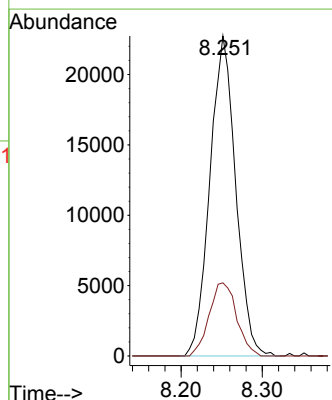
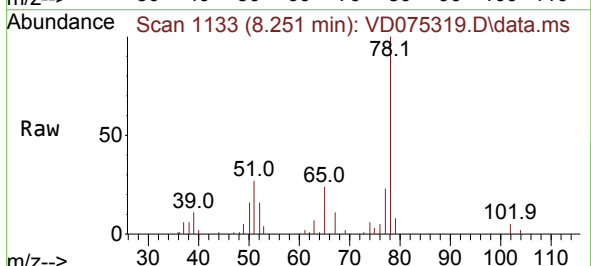
Acq: 13 Feb 2023 11:12

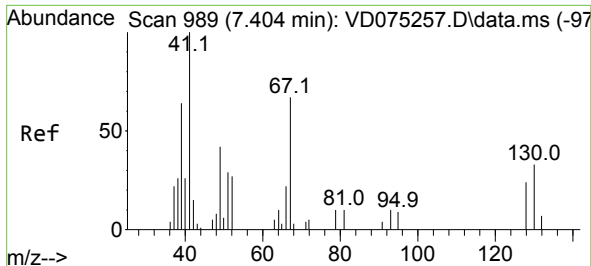
Tgt Ion: 78 Resp: 50201

Ion Ratio Lower Upper

78 100

77 22.9 19.8 29.6



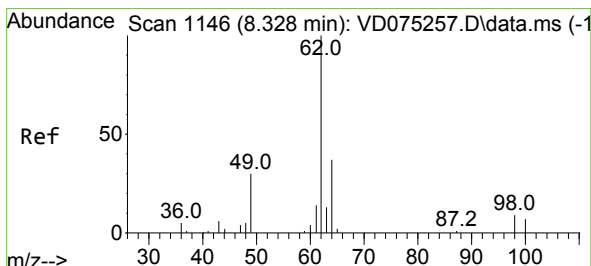
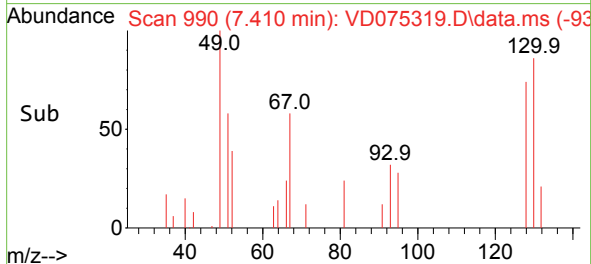
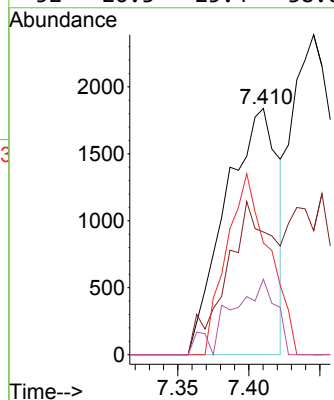
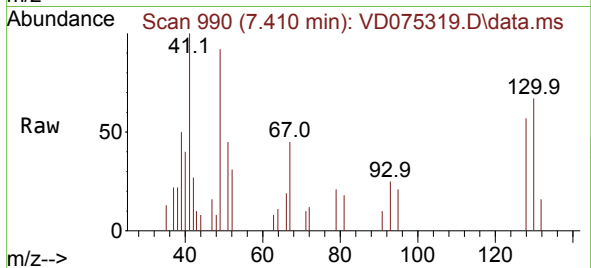


#41
Methacrylonitrile
Concen: 20.634 ug/l
RT: 7.410 min Scan# 989
Delta R.T. 0.006 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

Tgt Ion: 41 Resp: 4717

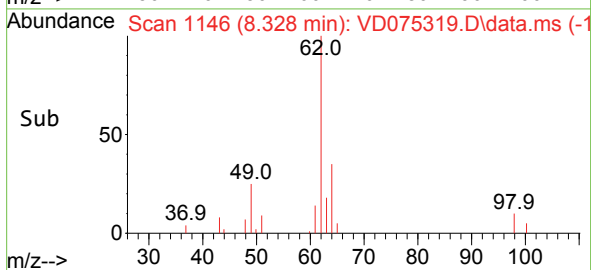
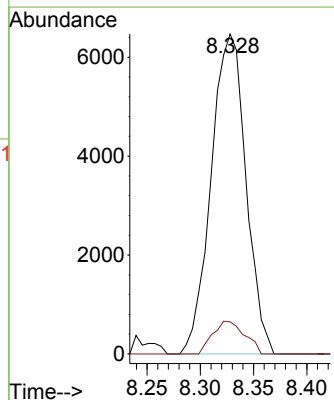
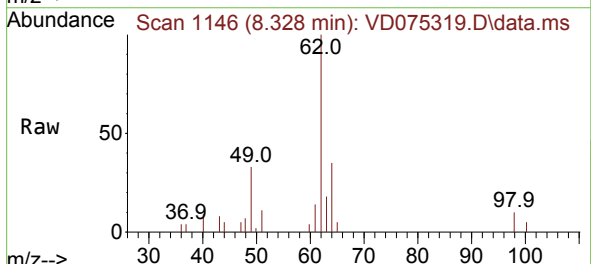
Ion	Ratio	Lower	Upper
41	100		
39	56.2	57.8	86.6#
67	59.4	60.5	90.7#
52	26.3	25.4	38.0

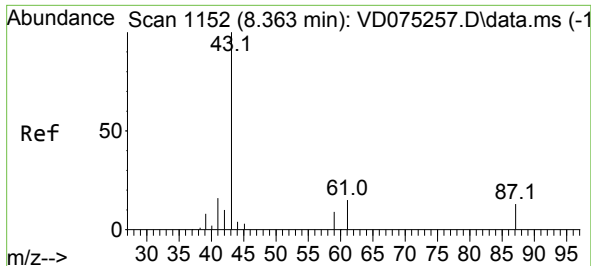


#42
1,2-Dichloroethane
Concen: 20.554 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 62 Resp: 14695

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2

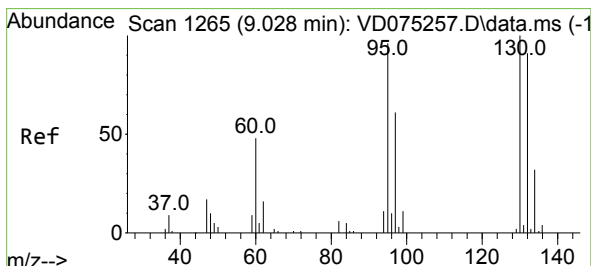
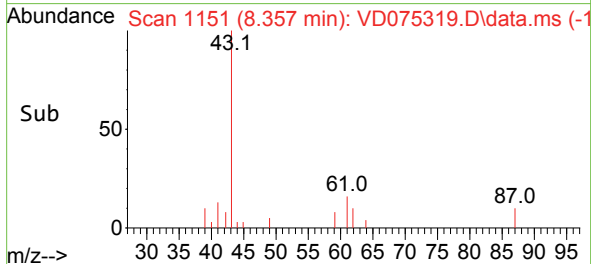
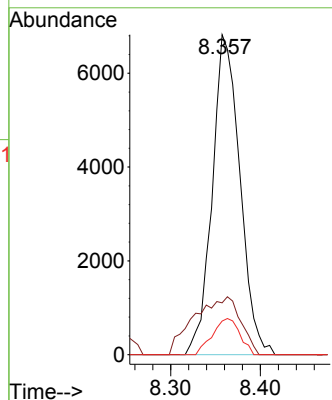
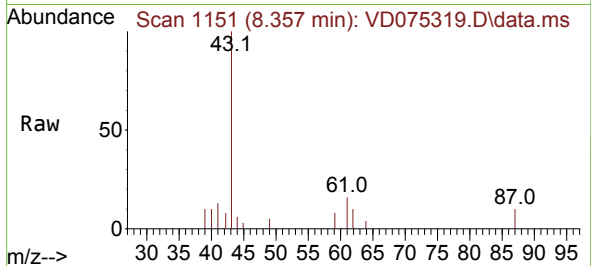




#43
Isopropyl Acetate
Concen: 19.953 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

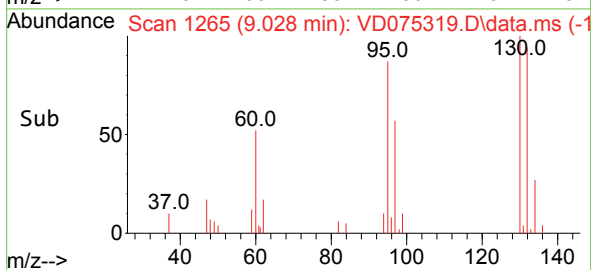
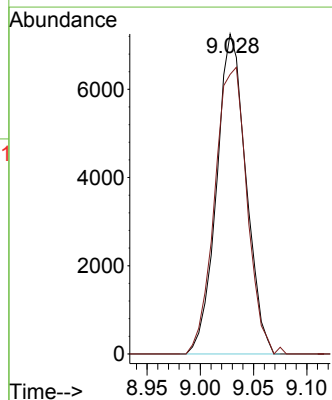
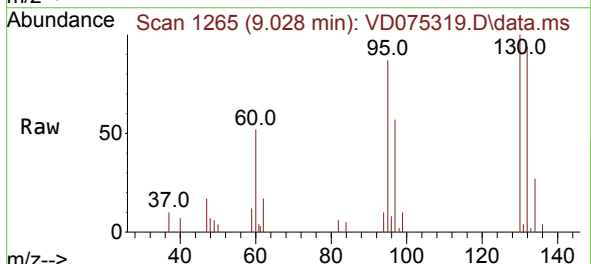
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

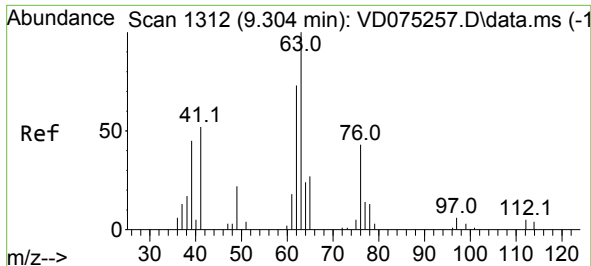
Tgt Ion: 43 Resp: 14610
Ion Ratio Lower Upper
43 100
61 30.4 25.0 37.6
87 11.1 10.6 16.0



#44
Trichloroethene
Concen: 20.484 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion:130 Resp: 13944
Ion Ratio Lower Upper
130 100
95 87.3 0.0 188.6





#45

1,2-Dichloropropane

Concen: 20.943 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075319.D

Acq: 13 Feb 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

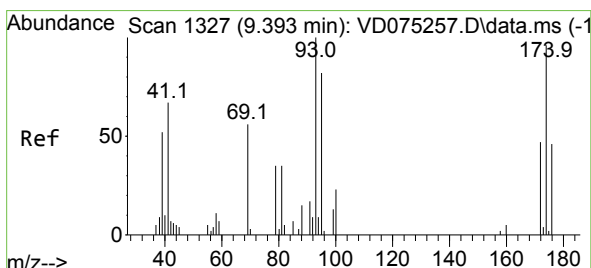
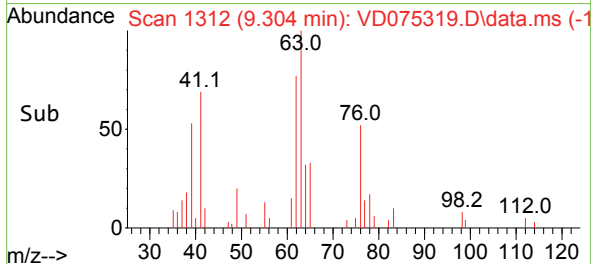
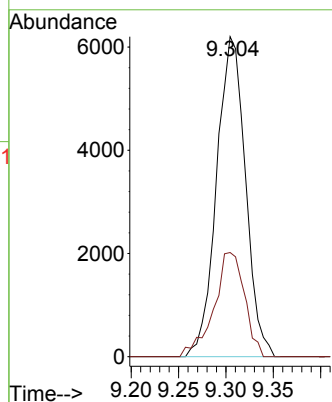
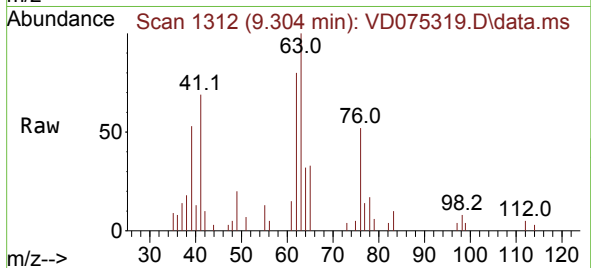
VD0213SBS01

Tgt Ion: 63 Resp: 13135

Ion Ratio Lower Upper

63 100

65 32.6 25.1 37.7



#46

Dibromomethane

Concen: 20.141 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD075319.D

Acq: 13 Feb 2023 11:12

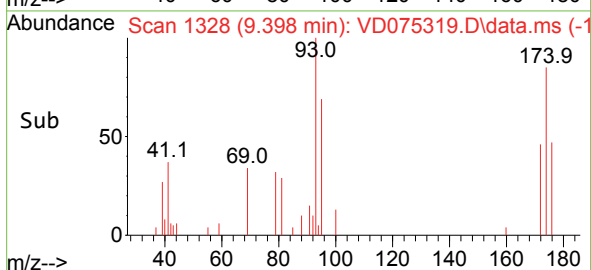
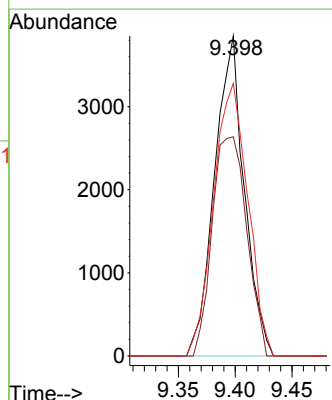
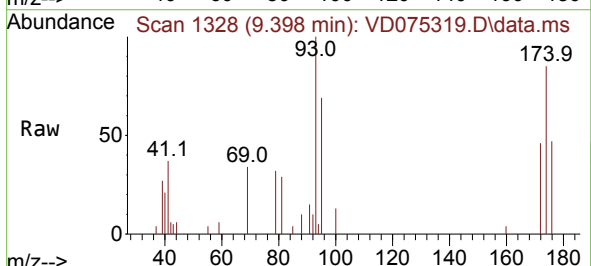
Tgt Ion: 93 Resp: 7000

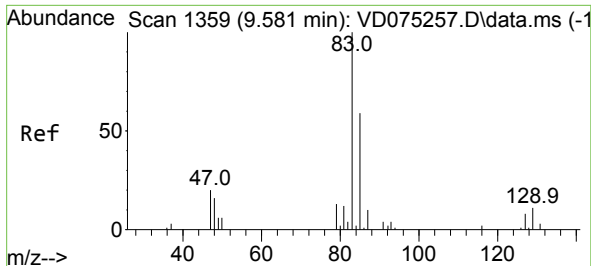
Ion Ratio Lower Upper

93 100

95 79.8 68.3 102.5

174 98.3 77.4 116.0

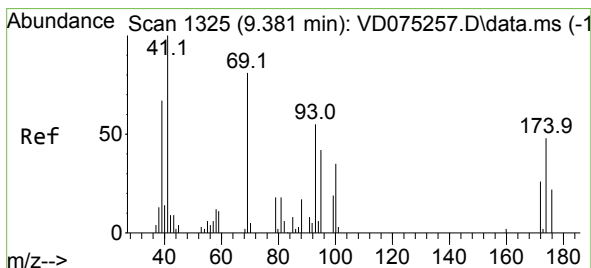
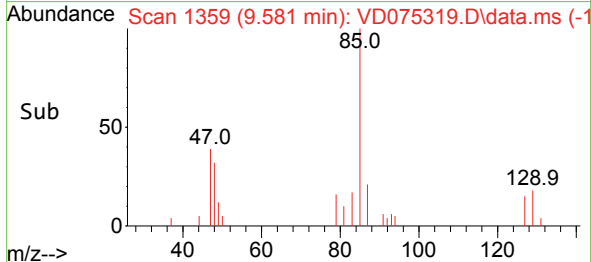
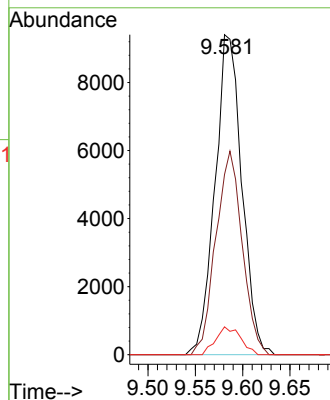
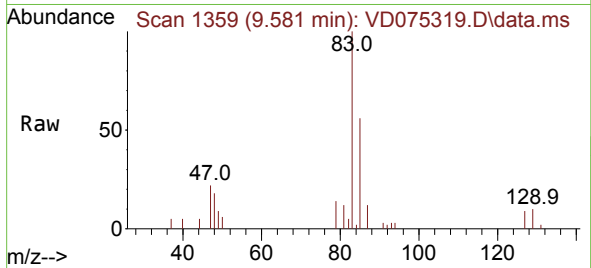




#47
Bromodichloromethane
Concen: 21.435 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

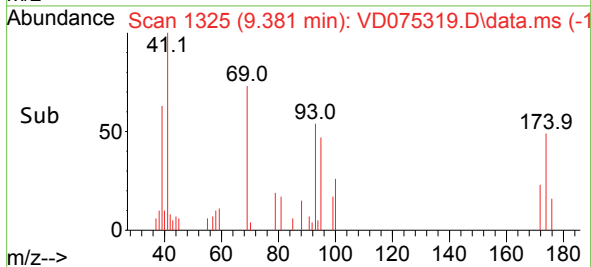
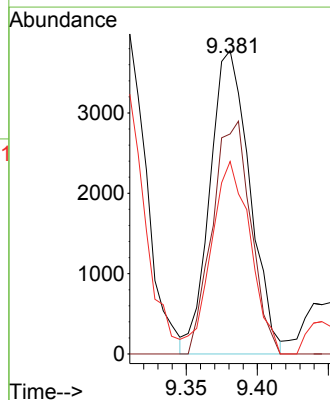
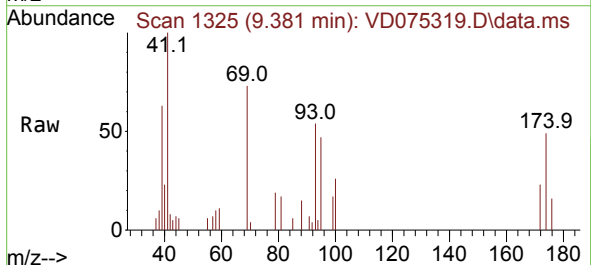
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

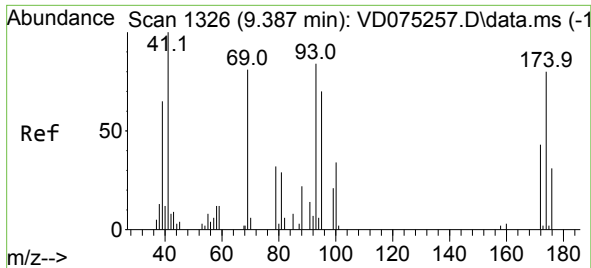
Tgt Ion: 83 Resp: 18541
Ion Ratio Lower Upper
83 100
85 56.3 53.0 79.4
127 8.7 7.0 10.4



#48
Methyl methacrylate
Concen: 21.191 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 41 Resp: 7369
Ion Ratio Lower Upper
41 100
69 74.0 67.8 101.6
39 62.4 46.0 69.0





#49

1,4-Dioxane

Concen: 364.852 ug/l

RT: 9.387 min Scan# 1170

Delta R.T. -0.000 min

Lab File: VD075319.D

Acq: 13 Feb 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

VD0213SBS01

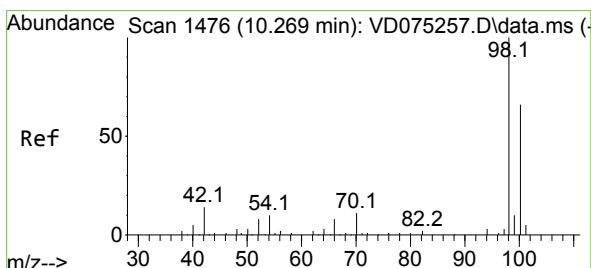
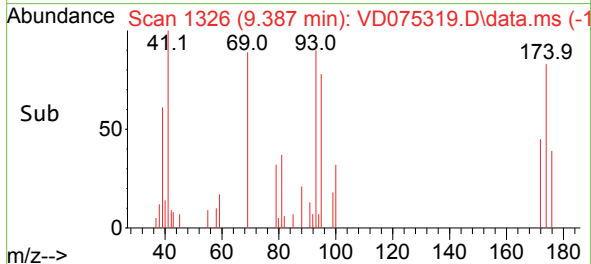
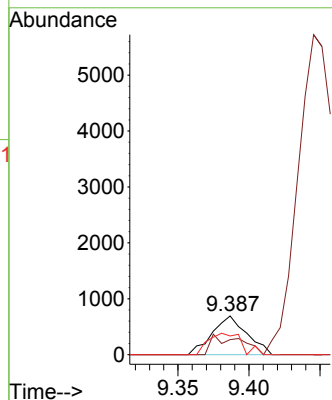
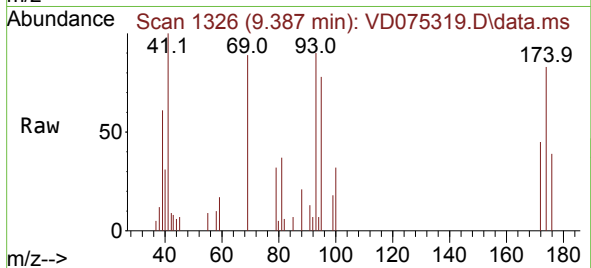
Tgt Ion: 88 Resp: 1170

Ion Ratio Lower Upper

88 100

43 44.9 35.6 53.4

58 53.4 57.4 86.2#



#50

Toluene-d8

Concen: 48.663 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075319.D

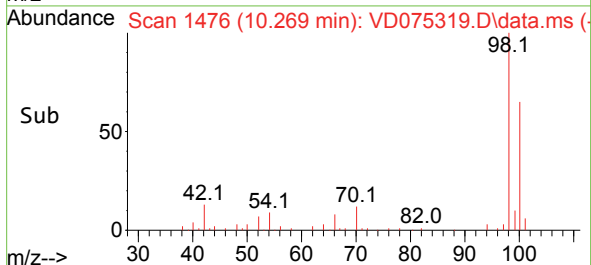
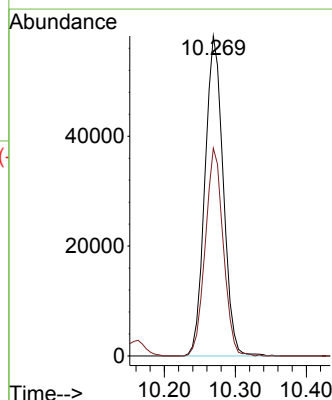
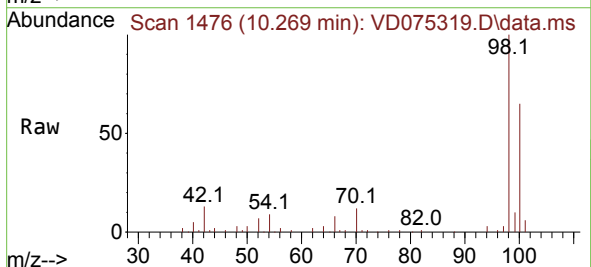
Acq: 13 Feb 2023 11:12

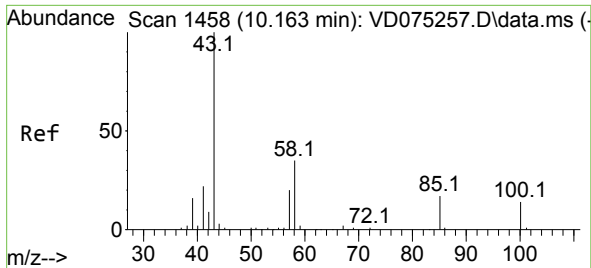
Tgt Ion: 98 Resp: 104095

Ion Ratio Lower Upper

98 100

100 63.9 52.7 79.1

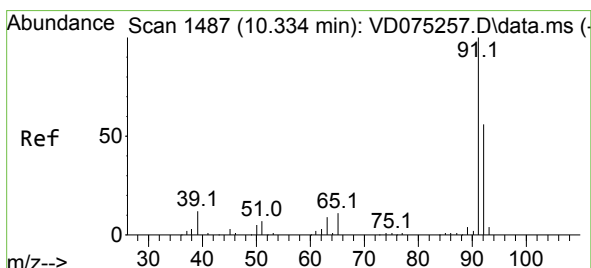
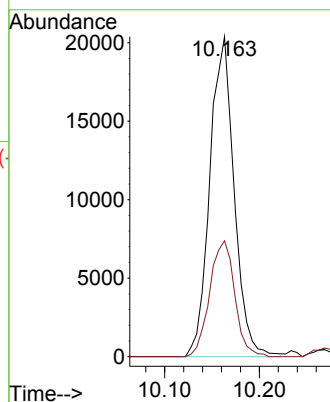
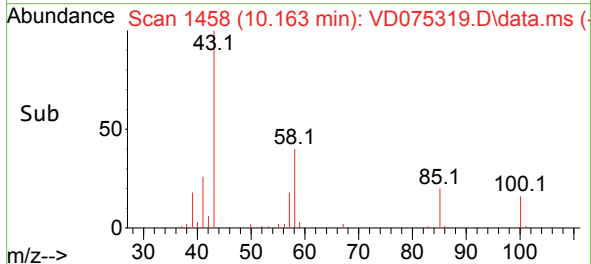
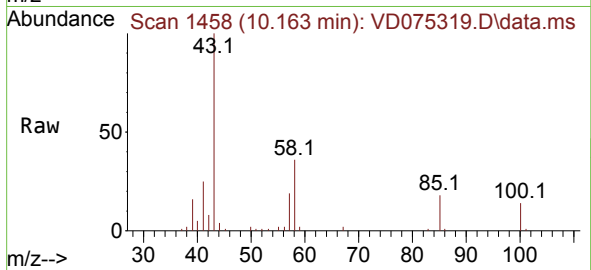




#51
4-Methyl-2-Pentanone
Concen: 98.136 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

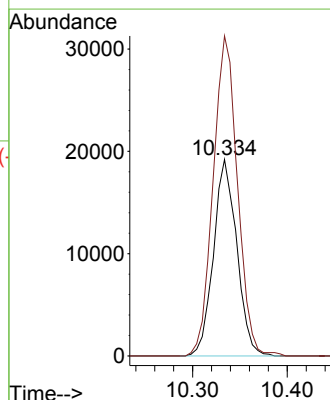
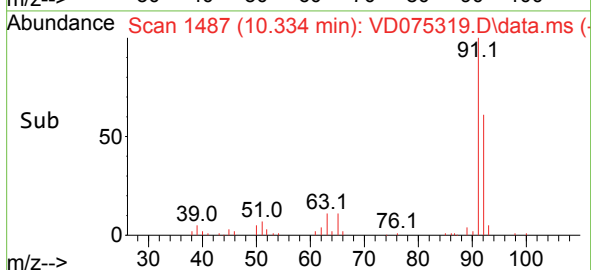
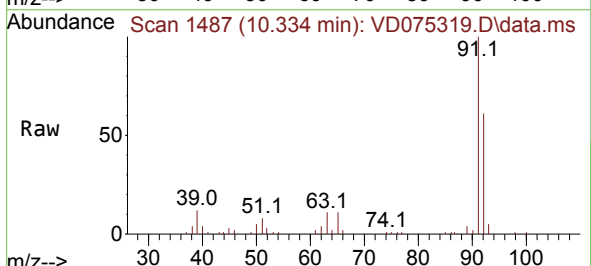
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

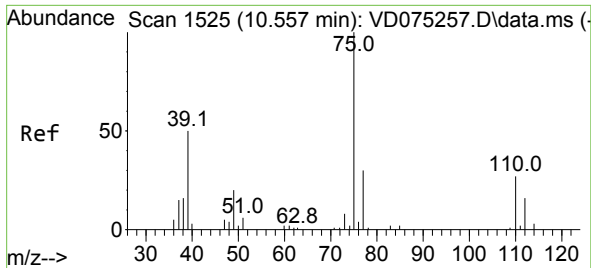
Tgt Ion: 43 Resp: 36328
Ion Ratio Lower Upper
43 100
58 37.3 31.4 47.0



#52
Toluene
Concen: 21.114 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 92 Resp: 32842
Ion Ratio Lower Upper
92 100
91 170.2 137.0 205.4

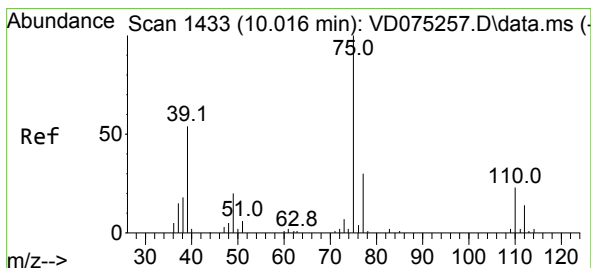
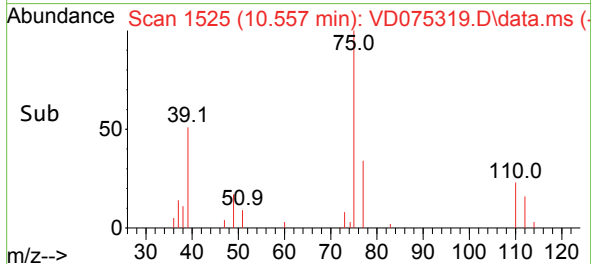
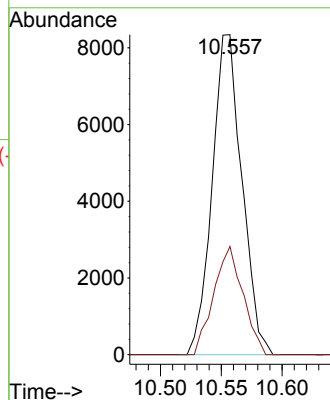
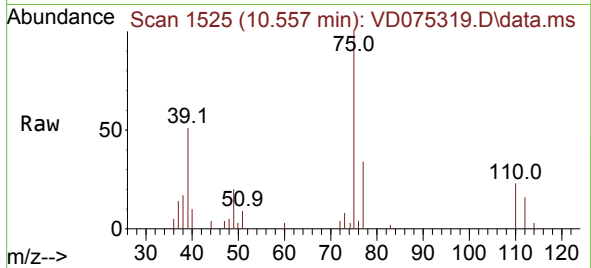




#53
 t-1,3-Dichloropropene
 Concen: 18.942 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD075319.D
 Acq: 13 Feb 2023 11:12

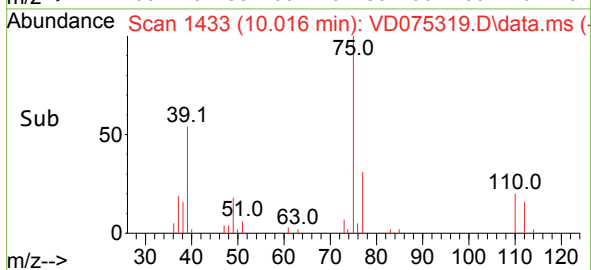
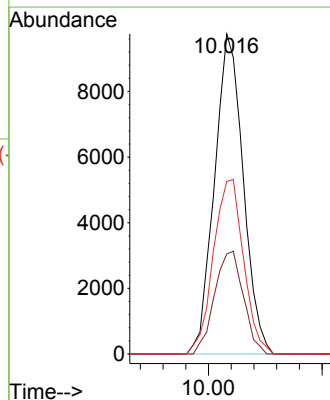
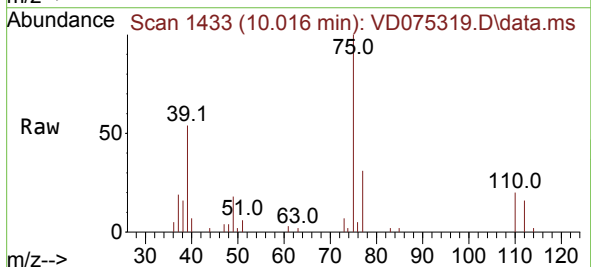
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0213SBS01

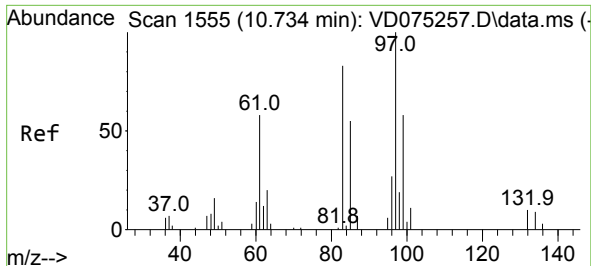
Tgt Ion: 75 Resp: 14192
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.108 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075319.D
 Acq: 13 Feb 2023 11:12

Tgt Ion: 75 Resp: 17117
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.1 37.7
 39 53.9 37.9 56.9

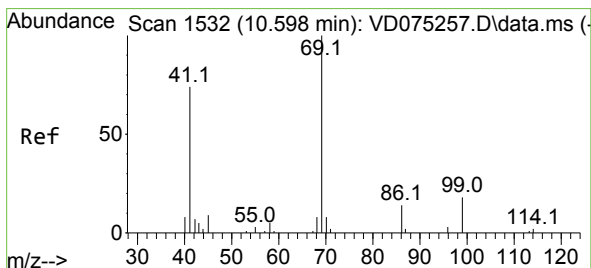
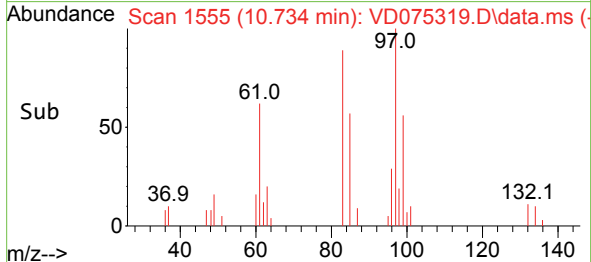
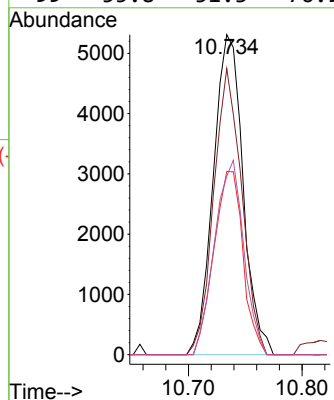
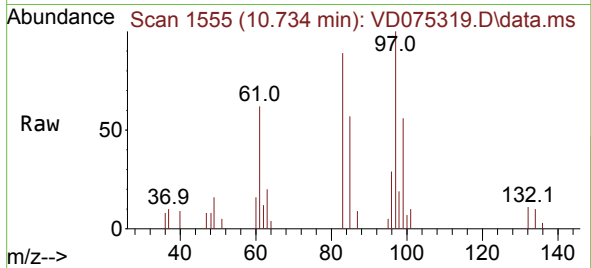




#55
1,1,2-Trichloroethane
Concen: 21.744 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

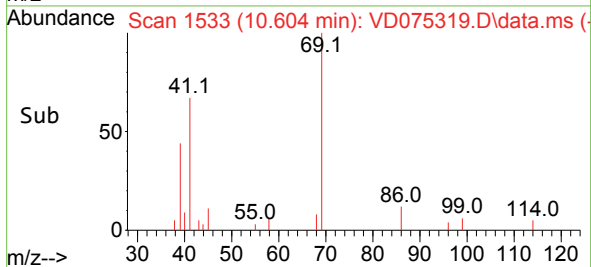
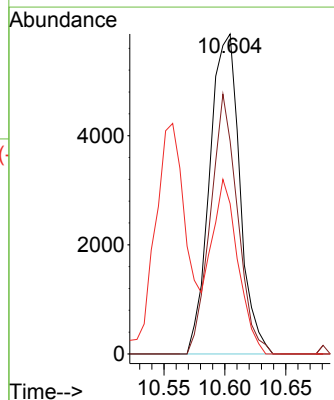
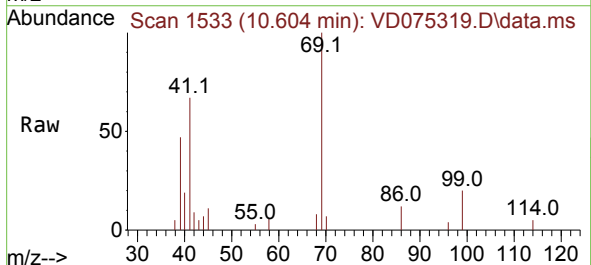
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

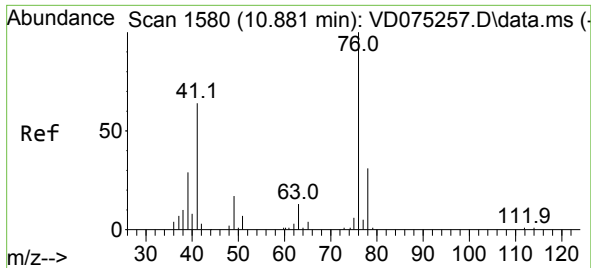
Tgt Ion: 97	Resp: 9647
Ion Ratio	Lower Upper
97 100	
83 89.4	69.4 104.0
85 57.3	46.0 69.0
99 55.8	51.3 76.9



#56
Ethyl methacrylate
Concen: 19.537 ug/l
RT: 10.604 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 69	Resp: 10077
Ion Ratio	Lower Upper
69 100	
41 73.1	55.7 83.5
39 47.7	31.4 47.0#





#57

1,3-Dichloropropane

Concen: 21.577 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075319.D

Acq: 13 Feb 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

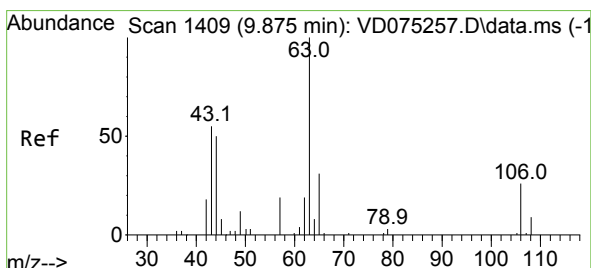
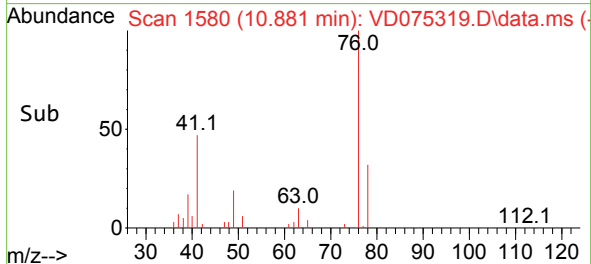
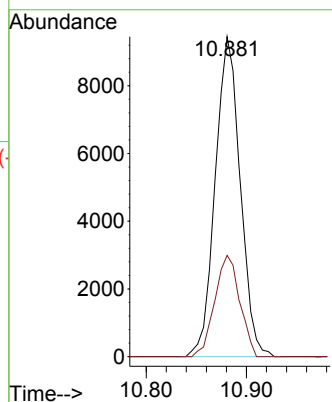
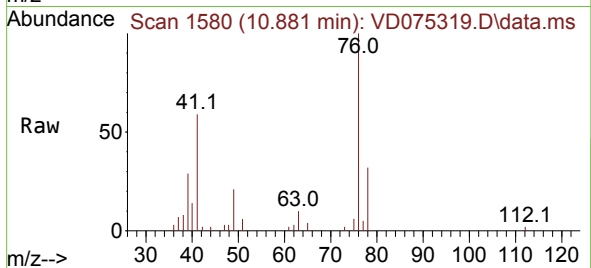
VD0213SBS01

Tgt Ion: 76 Resp: 16308

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 61.554 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. -0.000 min

Lab File: VD075319.D

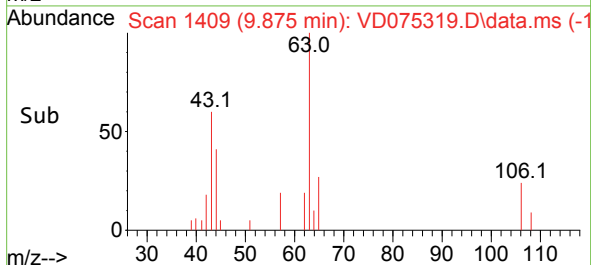
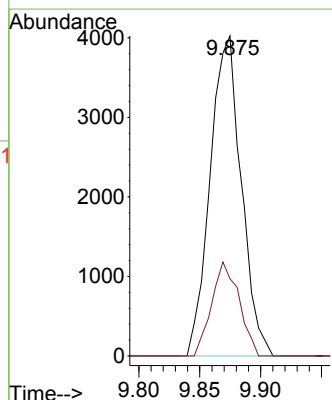
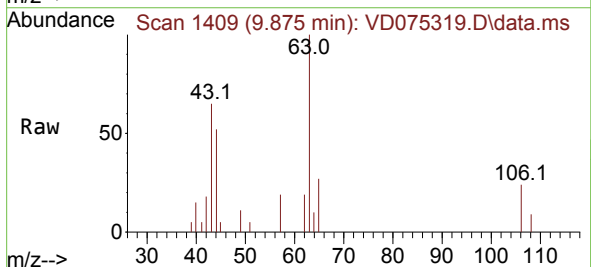
Acq: 13 Feb 2023 11:12

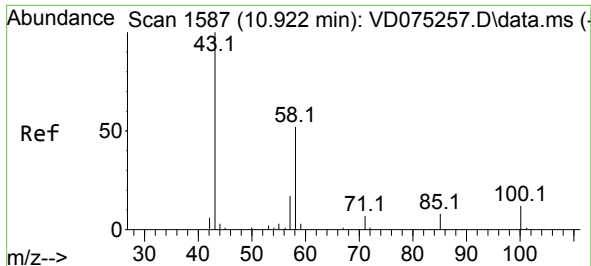
Tgt Ion: 63 Resp: 7152

Ion Ratio Lower Upper

63 100

106 25.9 22.6 33.8

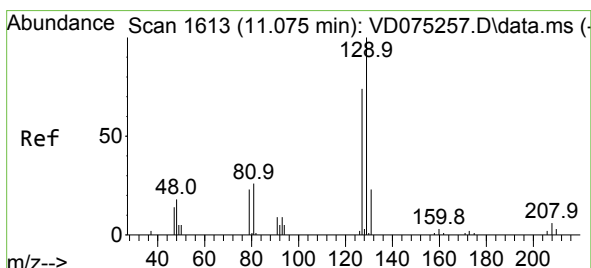
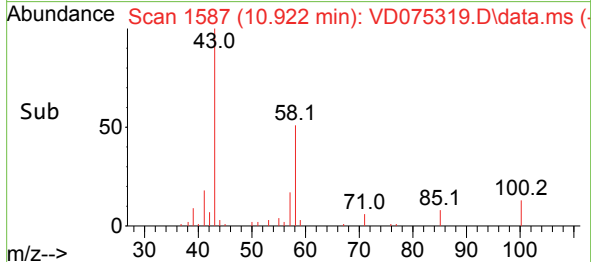
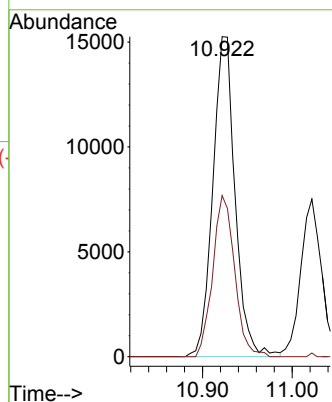
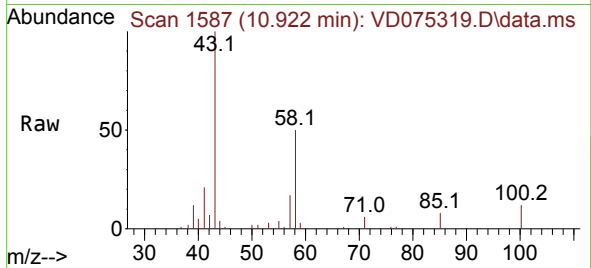




#59
2-Hexanone
Concen: 97.368 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

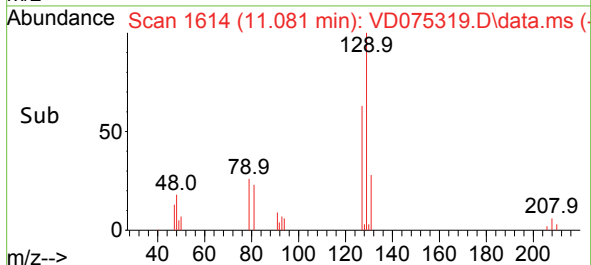
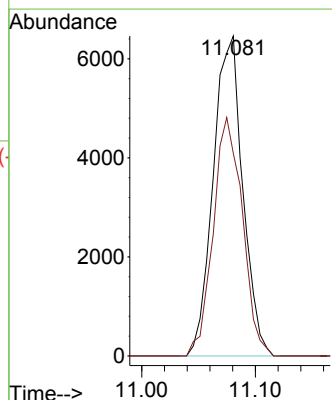
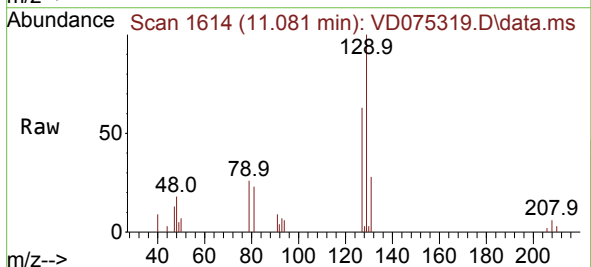
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

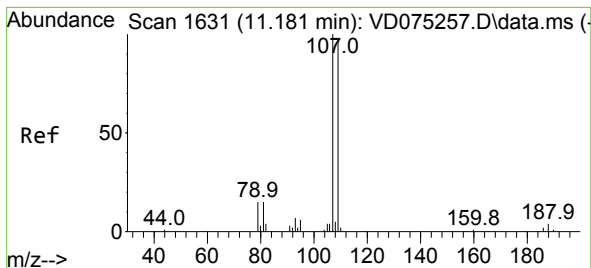
Tgt Ion: 43 Resp: 26333
Ion Ratio Lower Upper
43 100
58 49.4 26.8 80.4



#60
Dibromochloromethane
Concen: 21.240 ug/l
RT: 11.081 min Scan# 1614
Delta R.T. 0.006 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 129 Resp: 11675
Ion Ratio Lower Upper
129 100
127 73.7 38.9 116.6

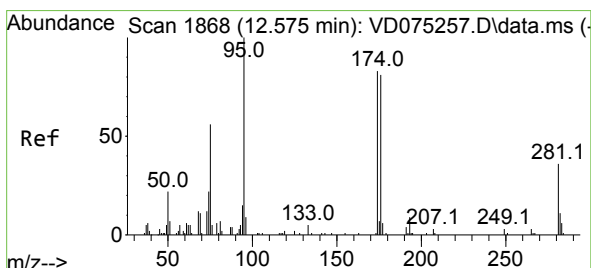
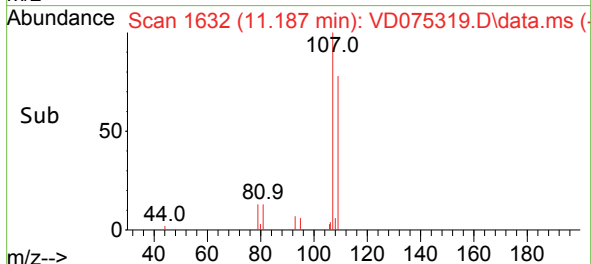
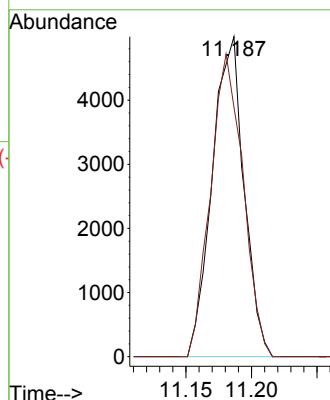
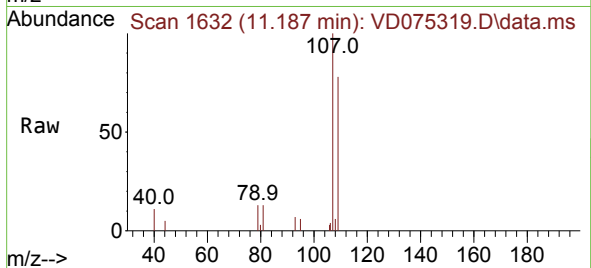




#61
1,2-Dibromoethane
Concen: 19.596 ug/l
RT: 11.187 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

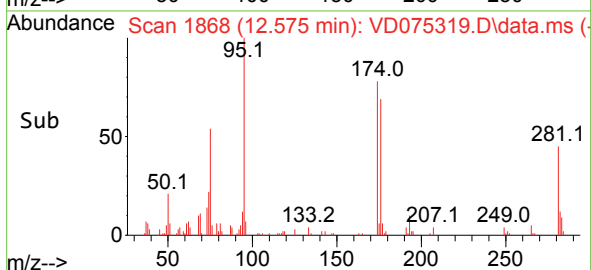
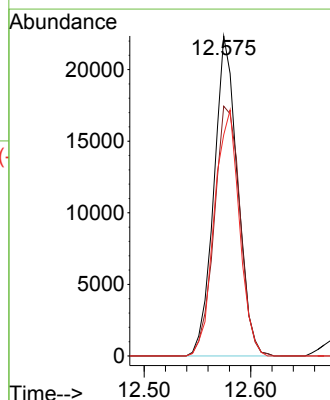
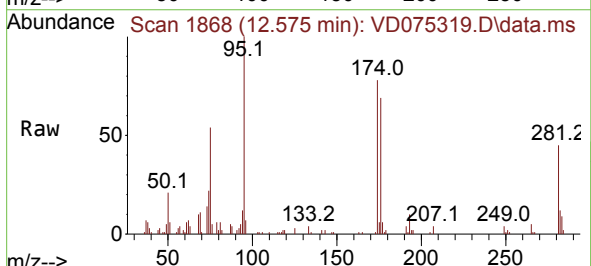
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

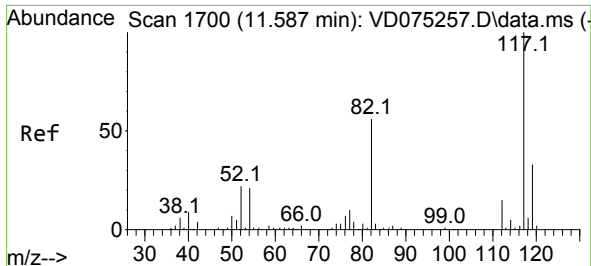
Tgt Ion:107 Resp: 8383
Ion Ratio Lower Upper
107 100
109 97.1 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 48.917 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 95 Resp: 34503
Ion Ratio Lower Upper
95 100
174 85.2 0.0 161.2
176 81.1 0.0 160.2

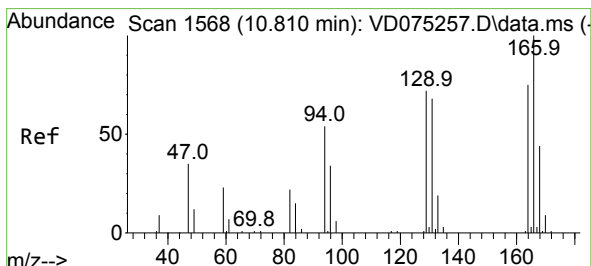
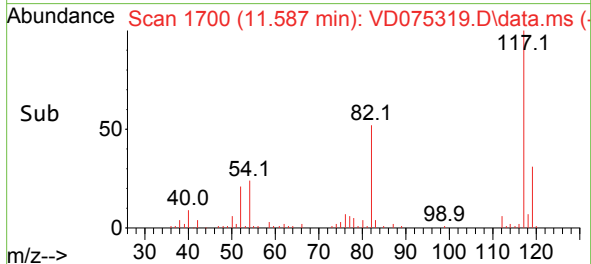
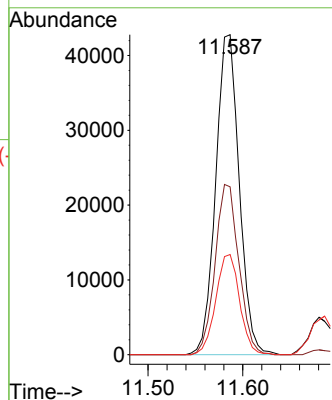
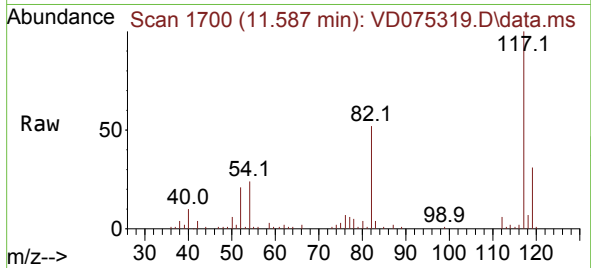




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

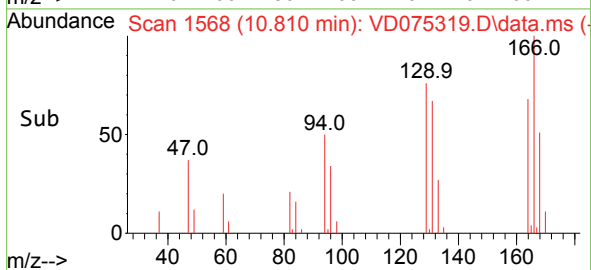
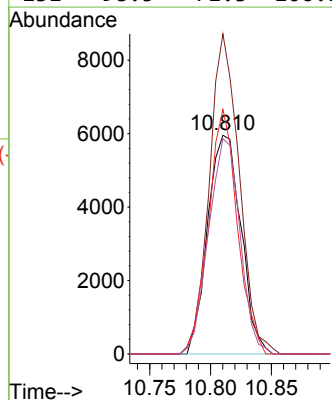
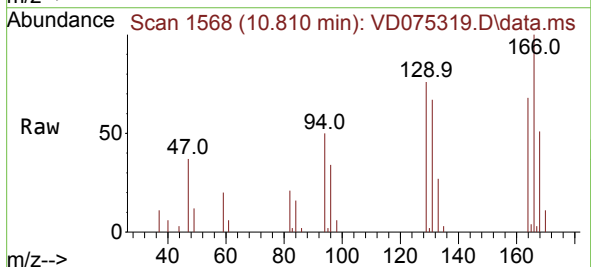
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

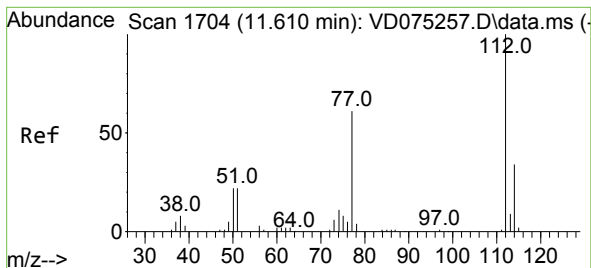
Tgt Ion:117 Resp: 73919
Ion Ratio Lower Upper
117 100
82 52.4 39.6 59.4
119 31.3 24.6 37.0



#64
Tetrachloroethene
Concen: 19.824 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion:164 Resp: 11286
Ion Ratio Lower Upper
164 100
166 146.3 105.3 157.9
129 111.8 76.2 114.4
131 98.5 71.3 106.9





#65

Chlorobenzene

Concen: 20.714 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075319.D

Acq: 13 Feb 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

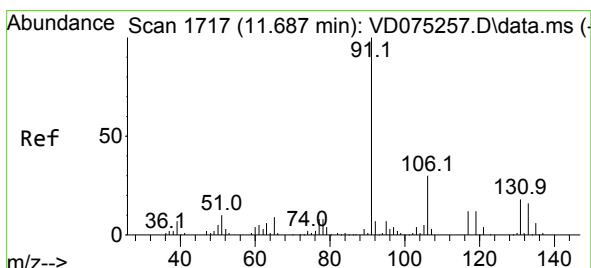
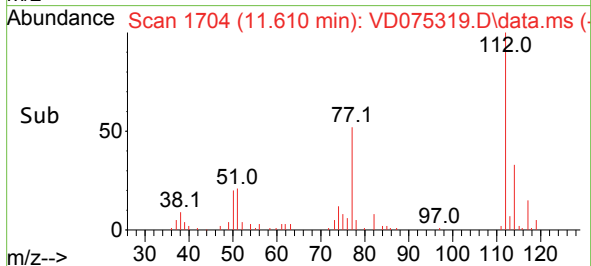
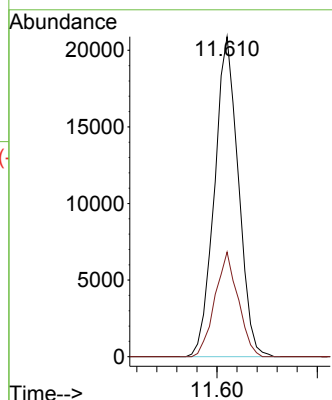
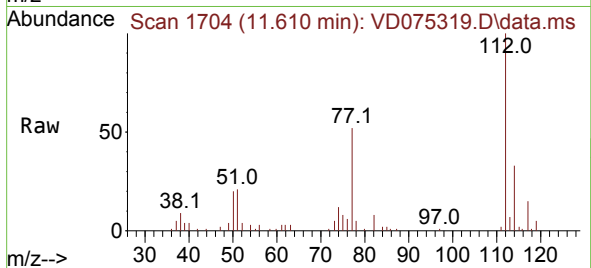
VD0213SBS01

Tgt Ion:112 Resp: 34530

Ion Ratio Lower Upper

112 100

114 32.7 24.7 37.1



#66

1,1,1,2-Tetrachloroethane

Concen: 21.415 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD075319.D

Acq: 13 Feb 2023 11:12

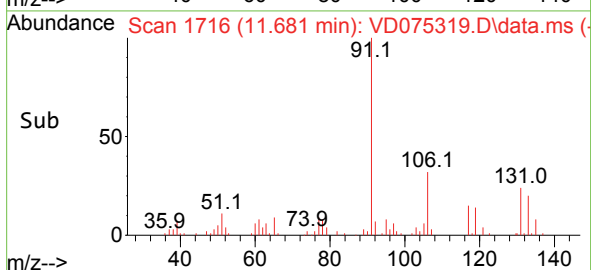
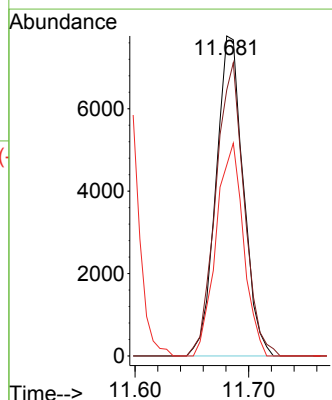
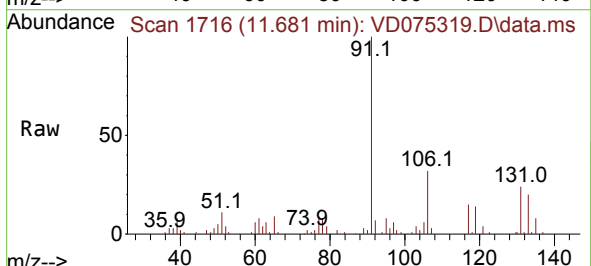
Tgt Ion:131 Resp: 12997

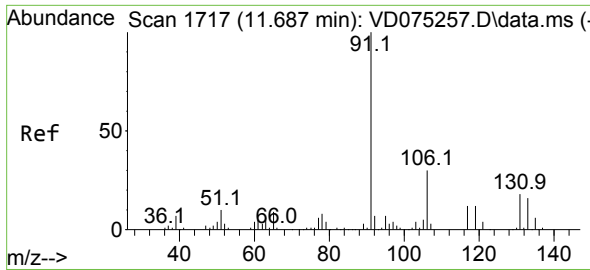
Ion Ratio Lower Upper

131 100

133 95.1 49.0 147.2

119 66.6 34.8 104.5

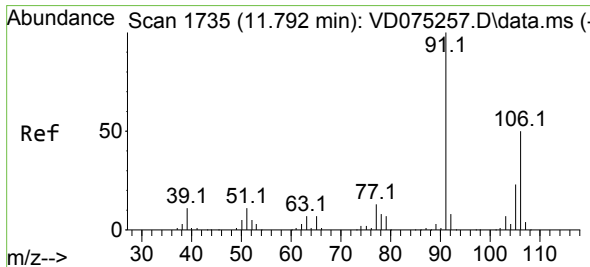
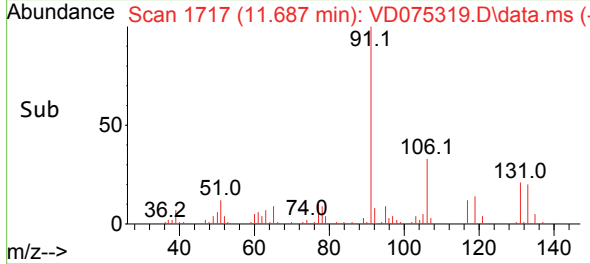
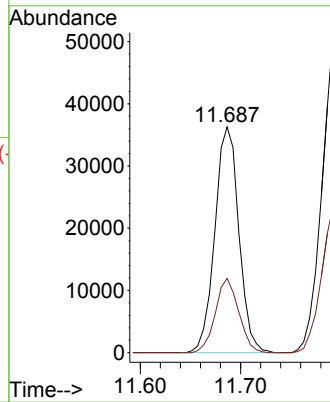
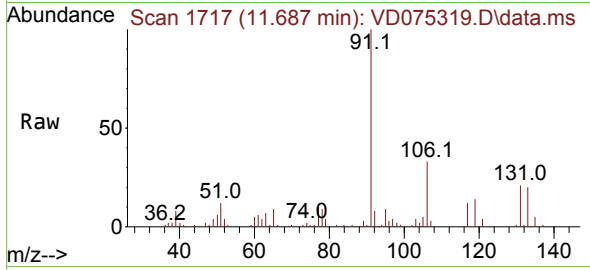




#67
Ethyl Benzene
Concen: 19.565 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

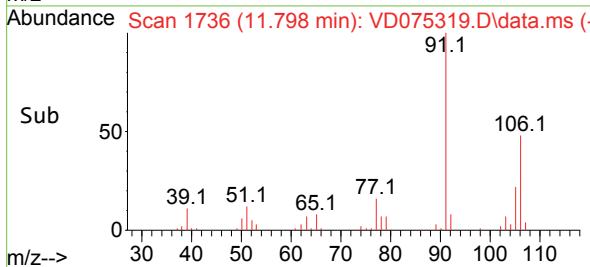
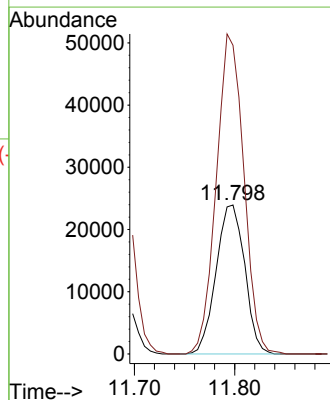
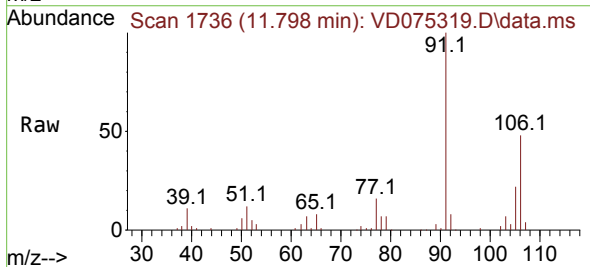
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

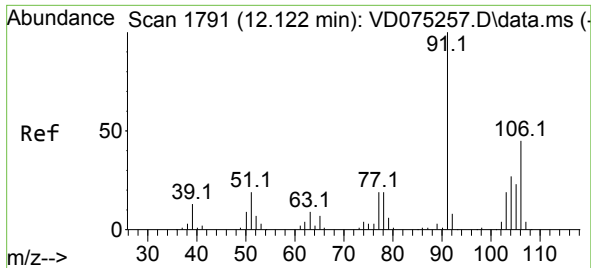
Tgt Ion: 91 Resp: 60214
Ion Ratio Lower Upper
91 100
106 32.9 25.0 37.6



#68
m/p-Xylenes
Concen: 40.434 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 106 Resp: 47336
Ion Ratio Lower Upper
106 100
91 206.8 160.3 240.5

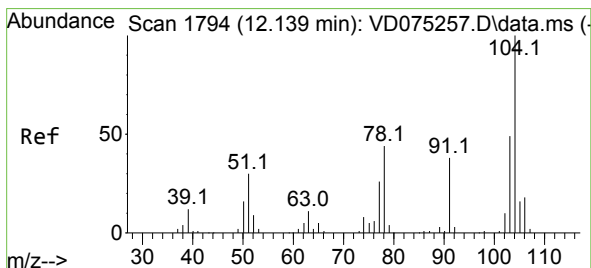
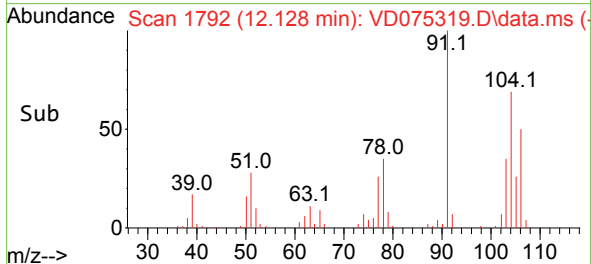
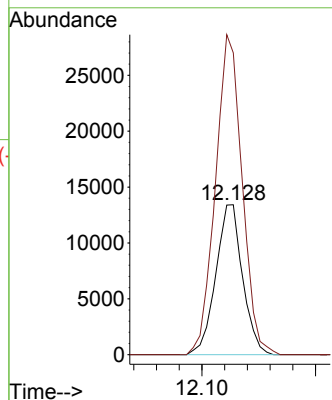
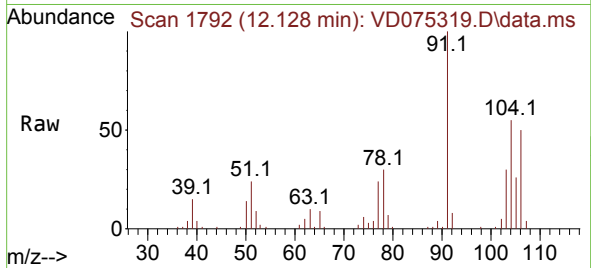




#69
o-Xylene
Concen: 20.063 ug/l
RT: 12.128 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

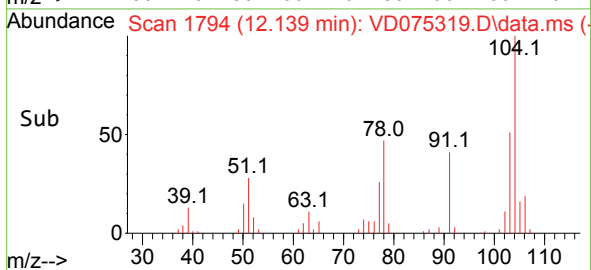
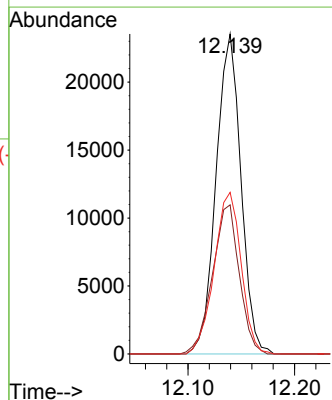
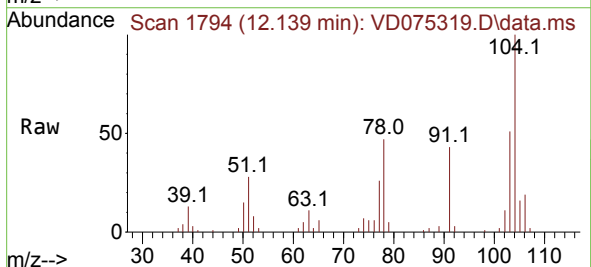
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

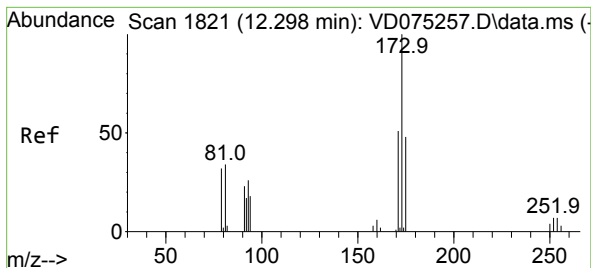
Tgt Ion:106 Resp: 21939
Ion Ratio Lower Upper
106 100
91 213.2 103.6 310.9



#70
Styrene
Concen: 20.597 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion:104 Resp: 38154
Ion Ratio Lower Upper
104 100
78 50.2 38.9 58.3
103 54.8 43.6 65.4





#71

Bromoform

Concen: 20.239 ug/l

RT: 12.304 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD075319.D

Acq: 13 Feb 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

VD0213SBS01

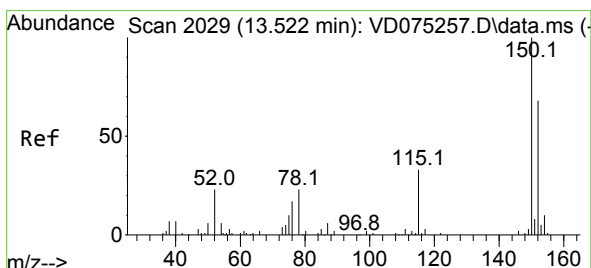
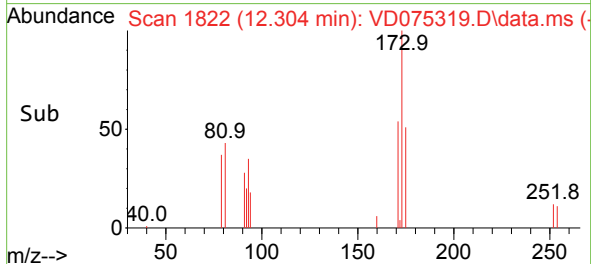
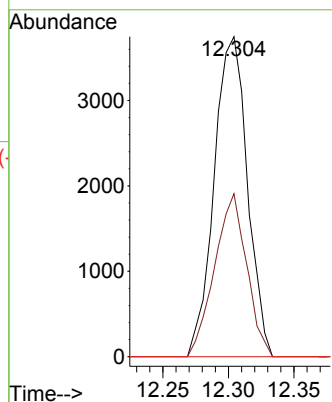
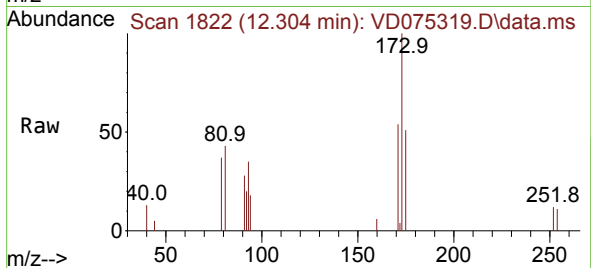
Tgt Ion:173 Resp: 6598

Ion Ratio Lower Upper

173 100

175 49.2 25.4 76.0

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: VD075319.D

Acq: 13 Feb 2023 11:12

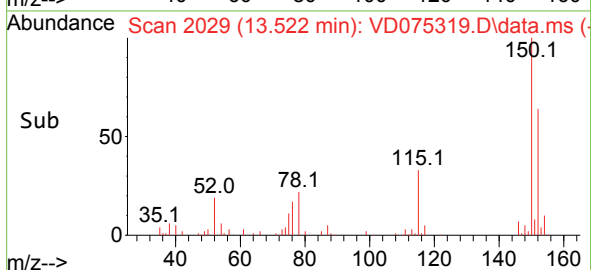
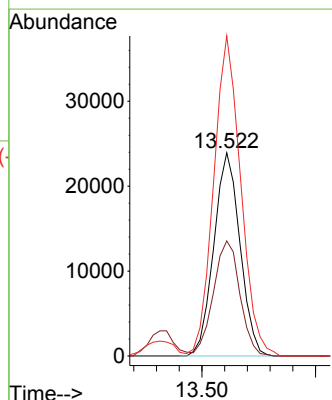
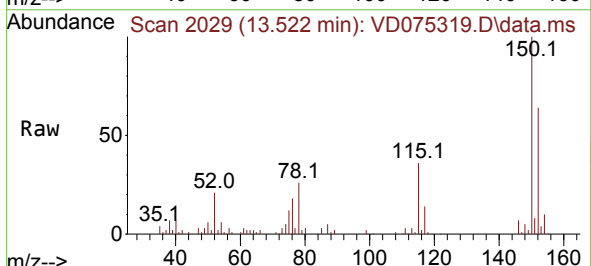
Tgt Ion:152 Resp: 38271

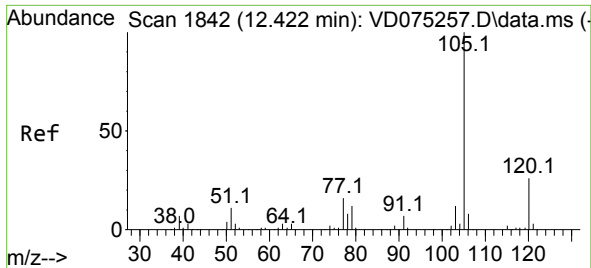
Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.4

150 162.6 0.0 348.6

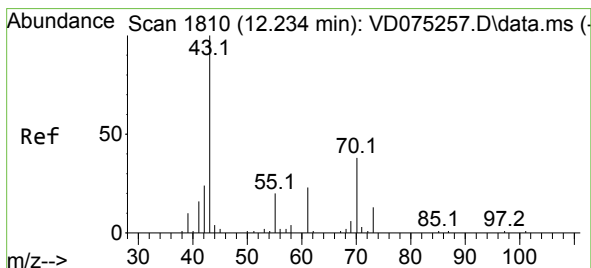
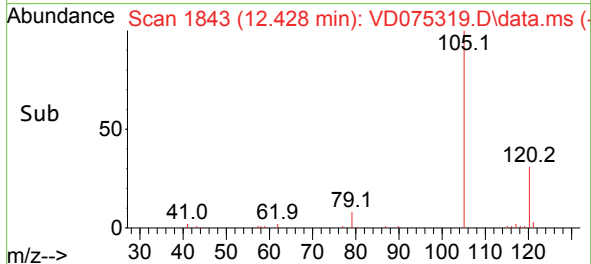
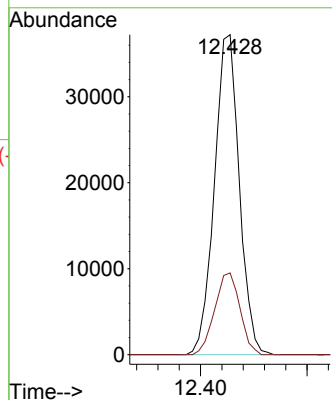
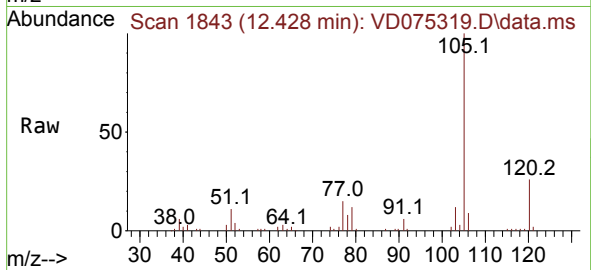




#73
Isopropylbenzene
Concen: 19.422 ug/l
RT: 12.428 min Scan# 1843
Delta R.T. 0.006 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

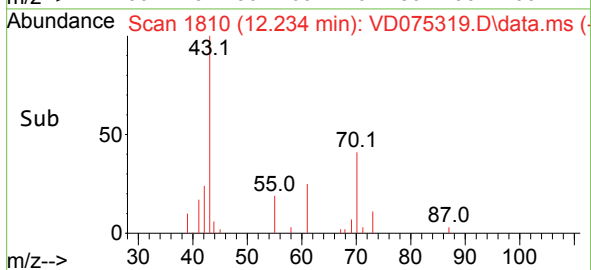
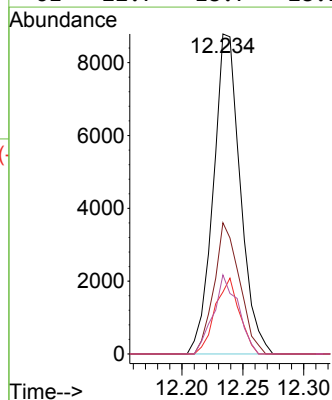
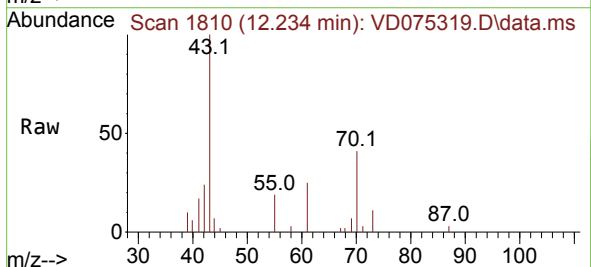
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

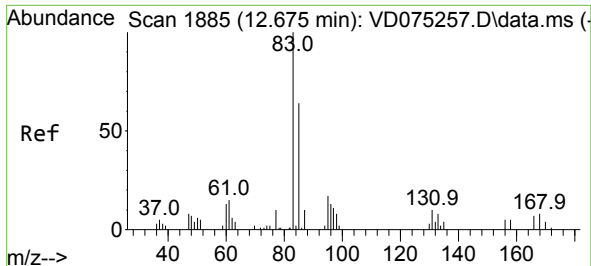
Tgt Ion:105 Resp: 60215
Ion Ratio Lower Upper
105 100
120 26.0 13.7 41.1



#74
N-ethyl acetate
Concen: 19.432 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 43 Resp: 13538
Ion Ratio Lower Upper
43 100
70 38.7 32.6 49.0
55 21.3 17.8 26.8
61 22.7 18.7 28.1

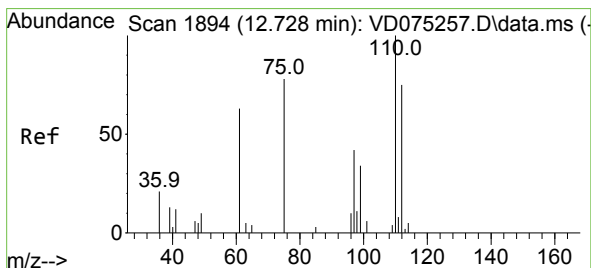
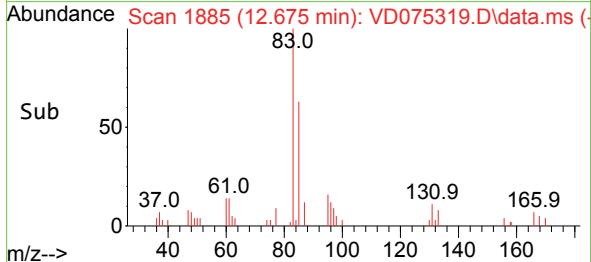
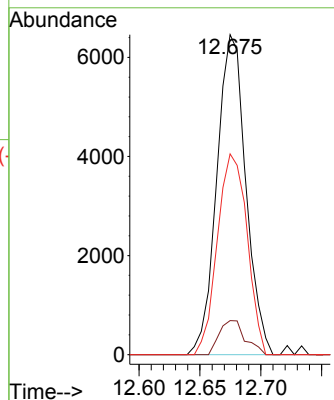
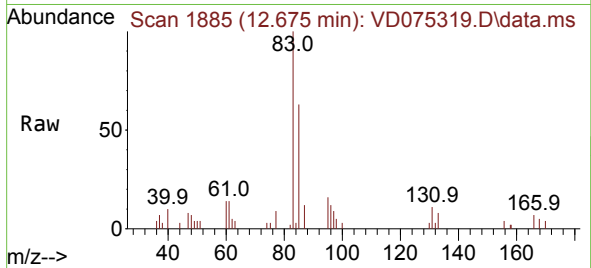




#75
1,1,2,2-Tetrachloroethane
Concen: 19.872 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

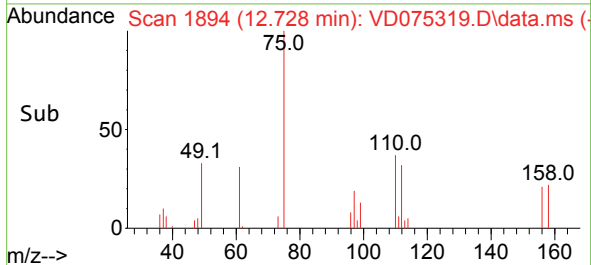
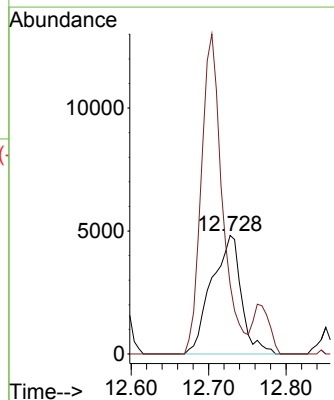
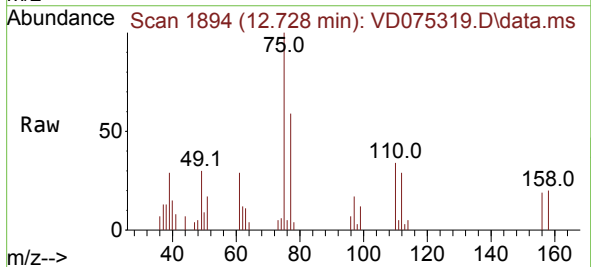
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

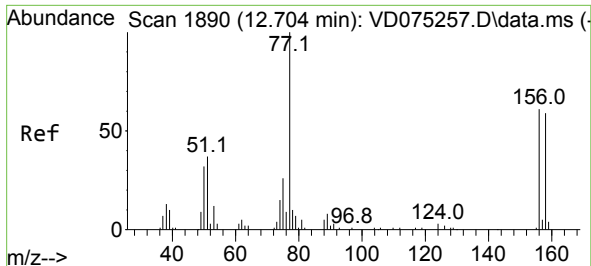
Tgt Ion: 83 Resp: 10719
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.6
85 64.1 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 29.542 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 75 Resp: 12842
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

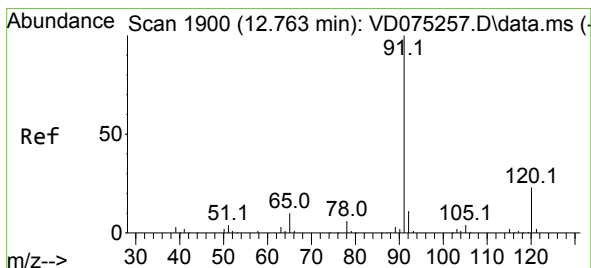
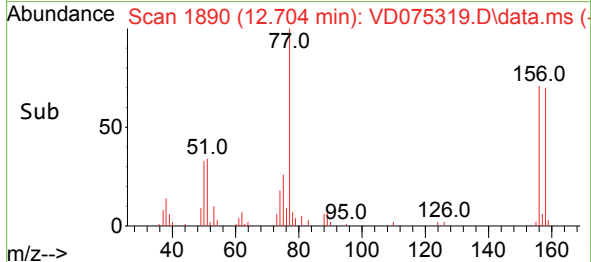
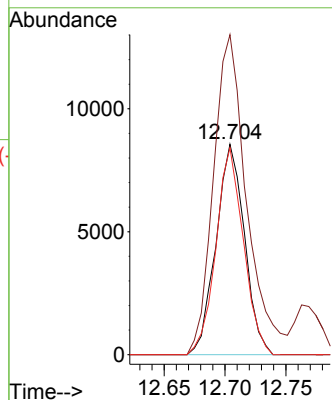
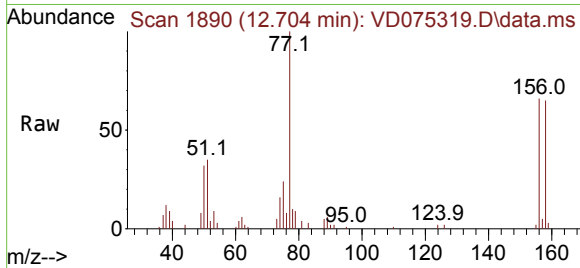




#77
Bromobenzene
Concen: 19.846 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

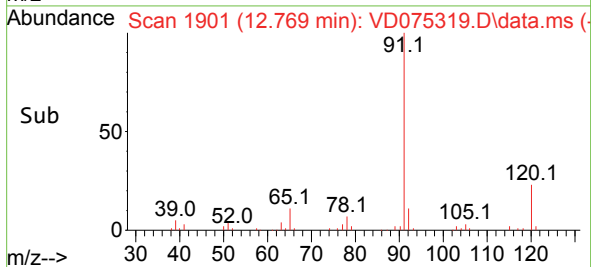
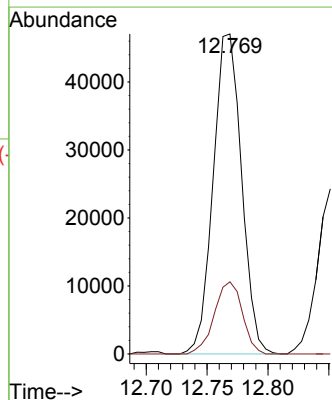
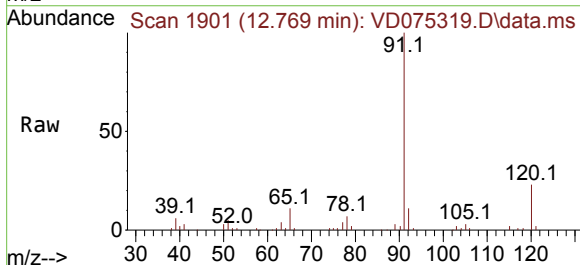
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

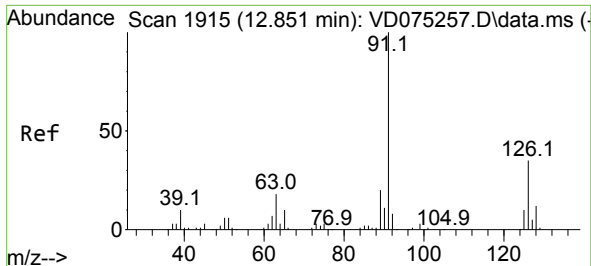
Tgt Ion:156 Resp: 13933
Ion Ratio Lower Upper
156 100
77 177.3 85.6 256.8
158 94.9 47.3 141.9



#78
n-propylbenzene
Concen: 19.777 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 91 Resp: 76297
Ion Ratio Lower Upper
91 100
120 22.3 11.7 35.0

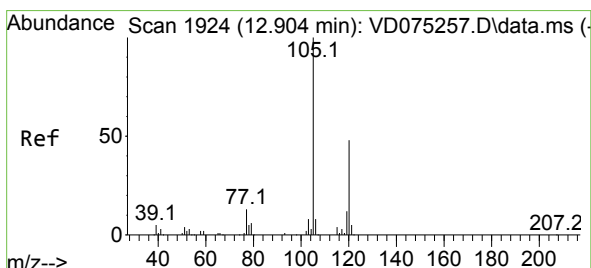
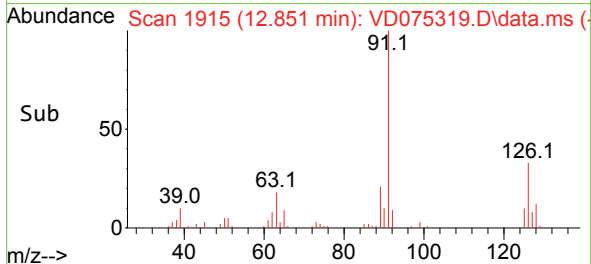
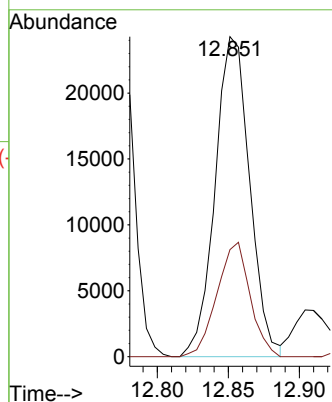
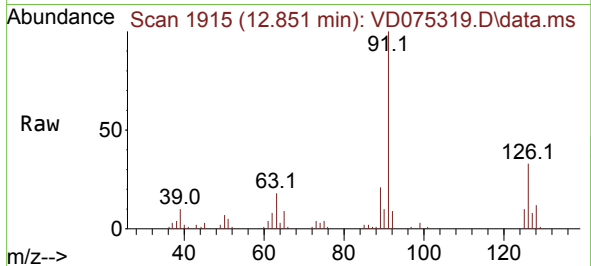




#79
2-Chlorotoluene
Concen: 19.435 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

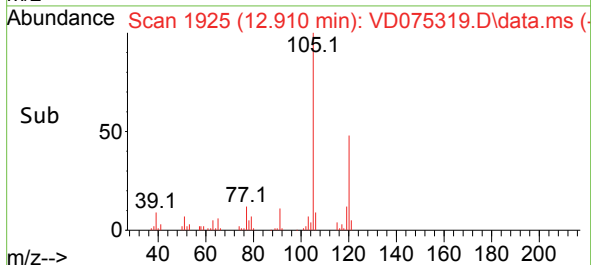
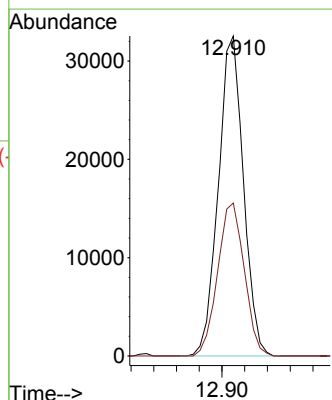
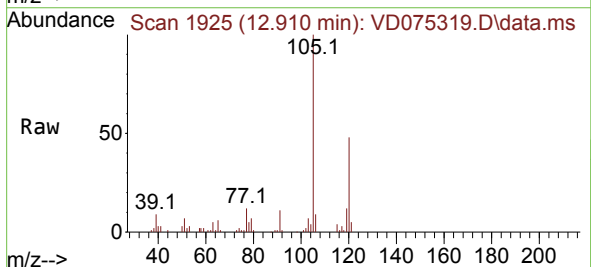
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

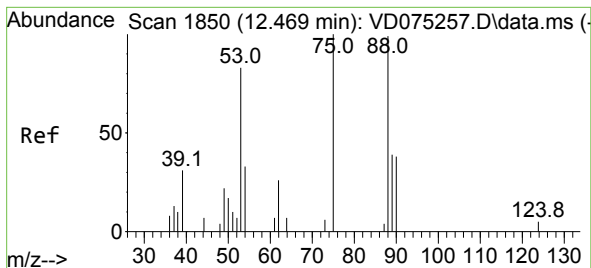
Tgt Ion: 91 Resp: 41127
Ion Ratio Lower Upper
91 100
126 34.2 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 19.325 ug/l
RT: 12.910 min Scan# 1925
Delta R.T. 0.006 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 105 Resp: 49888
Ion Ratio Lower Upper
105 100
120 50.7 24.6 73.8

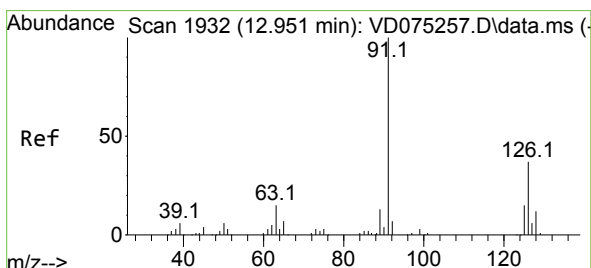
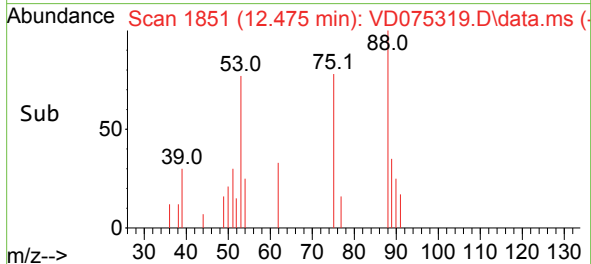
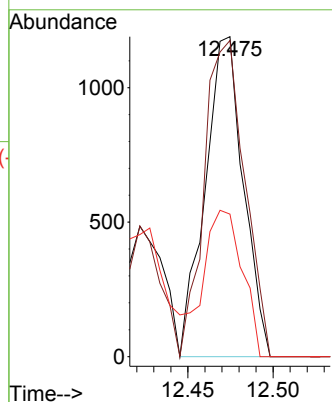
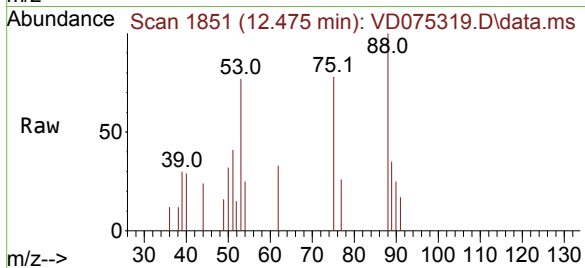




#81
trans-1,4-Dichloro-2-butene
Concen: 15.380 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

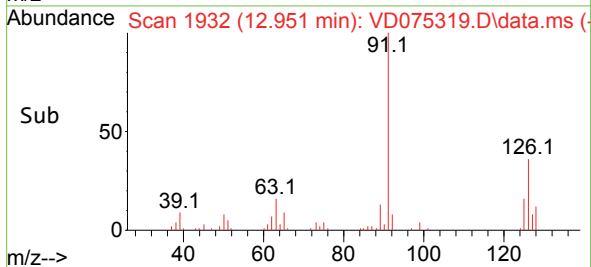
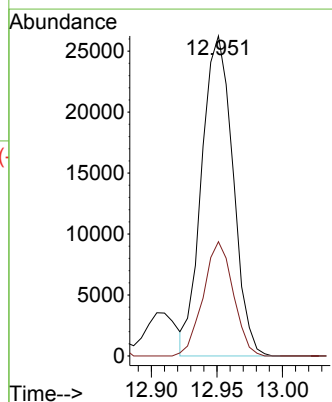
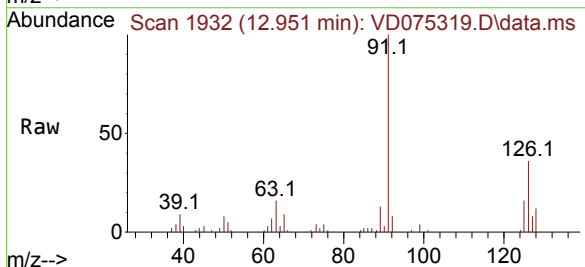
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

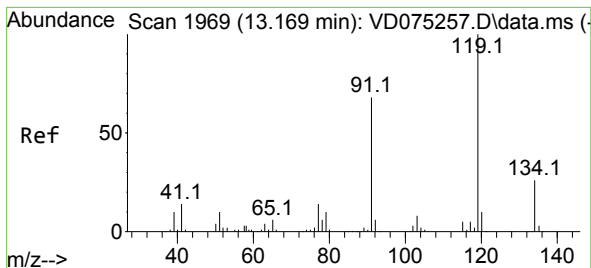
Tgt Ion: 75 Resp: 1857
Ion Ratio Lower Upper
75 100
53 104.5 70.5 105.7
89 47.2 34.6 52.0



#82
4-Chlorotoluene
Concen: 19.750 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 91 Resp: 43597
Ion Ratio Lower Upper
91 100
126 34.2 17.3 52.0





#83

tert-Butylbenzene

Concen: 19.877 ug/l

RT: 13.175 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD075319.D

Acq: 13 Feb 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

VD0213SBS01

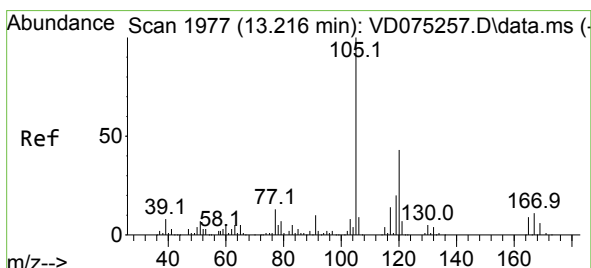
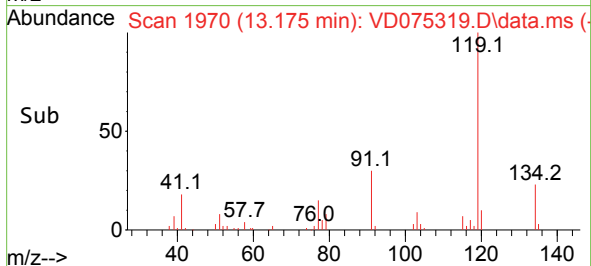
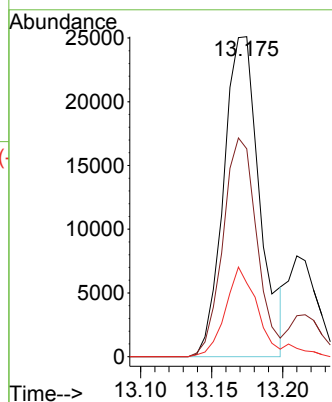
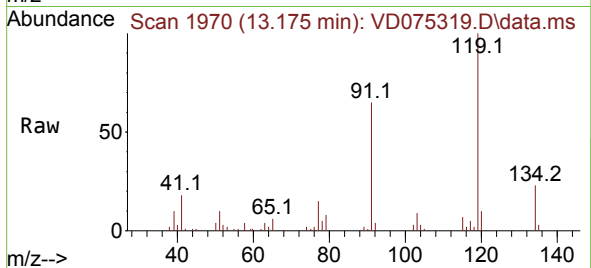
Tgt Ion:119 Resp: 44237

Ion Ratio Lower Upper

119 100

91 64.7 32.9 98.6

134 26.6 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 19.372 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD075319.D

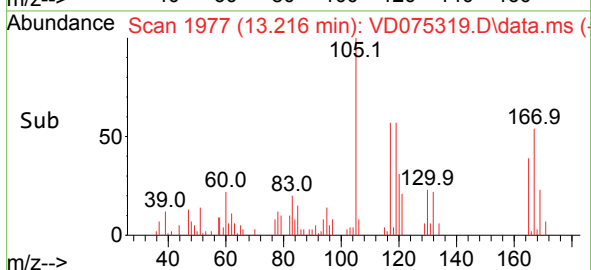
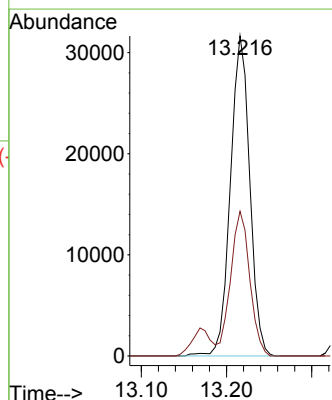
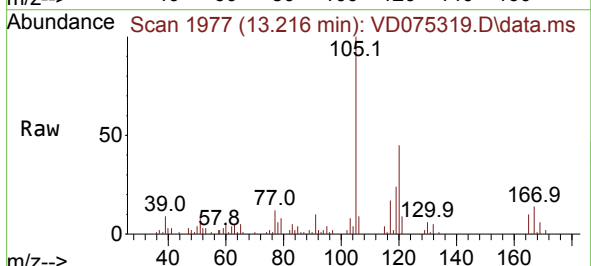
Acq: 13 Feb 2023 11:12

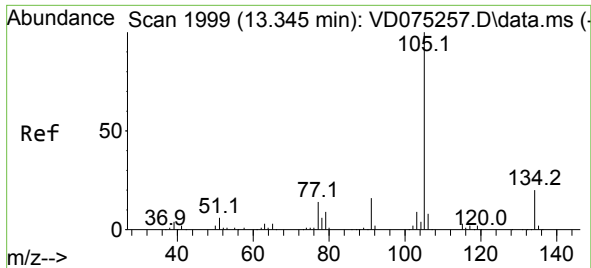
Tgt Ion:105 Resp: 49948

Ion Ratio Lower Upper

105 100

120 45.0 23.2 69.5

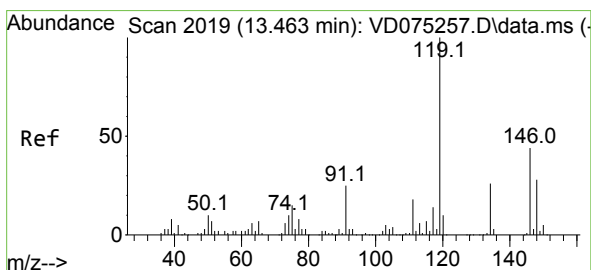
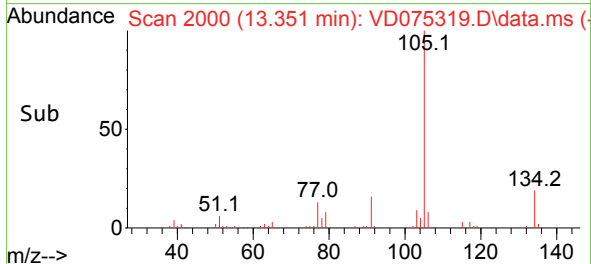
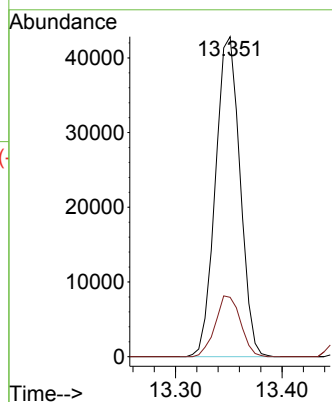
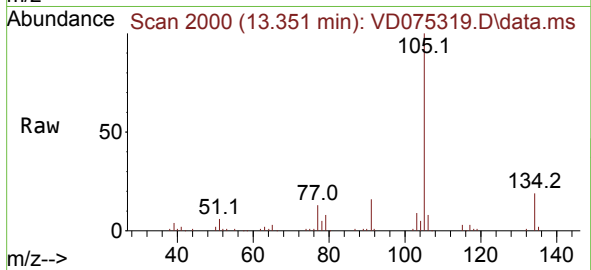




#85
 sec-Butylbenzene
 Concen: 20.096 ug/l
 RT: 13.351 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VD075319.D
 Acq: 13 Feb 2023 11:12

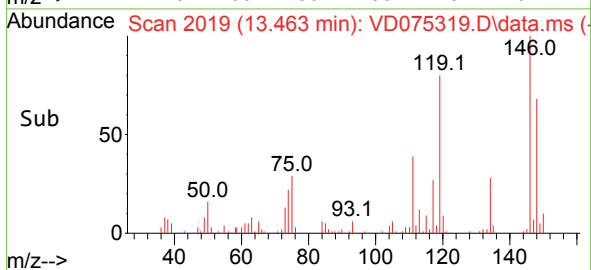
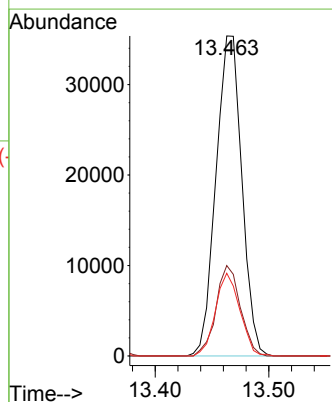
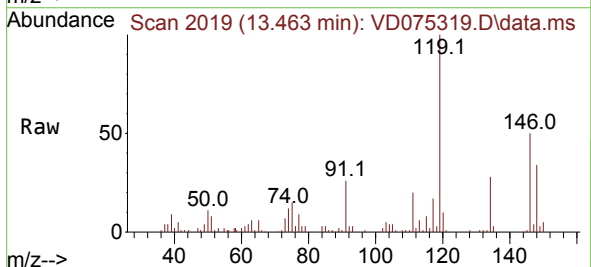
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0213SBS01

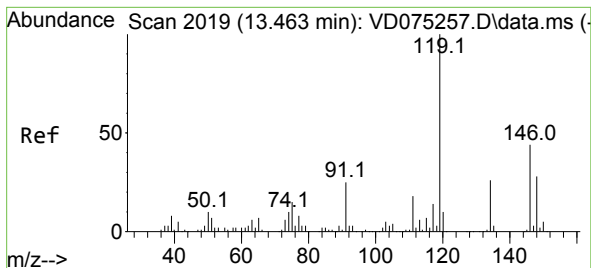
Tgt Ion:105 Resp: 68610
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 20.054 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075319.D
 Acq: 13 Feb 2023 11:12

Tgt Ion:119 Resp: 56009
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 24.3 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.490 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075319.D

Acq: 13 Feb 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

VD0213SBS01

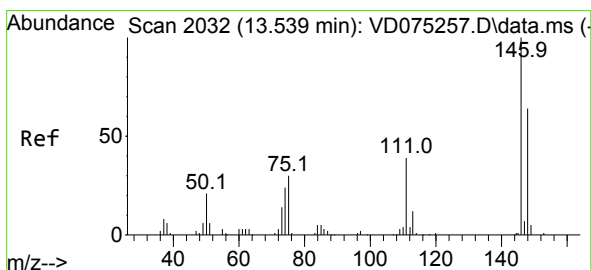
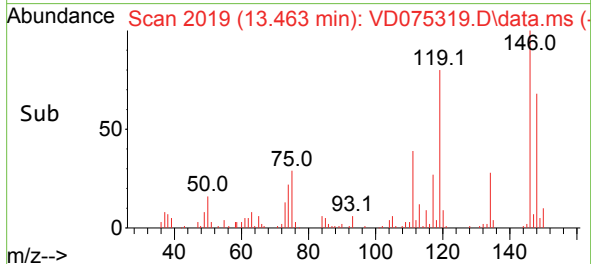
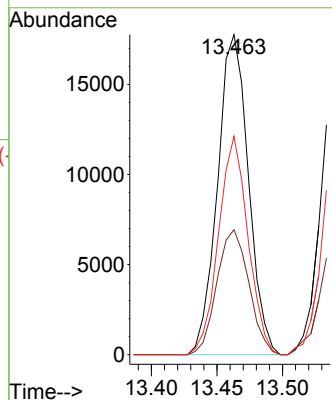
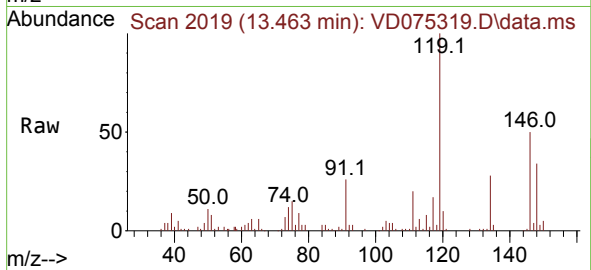
Tgt Ion:146 Resp: 29076

Ion Ratio Lower Upper

146 100

111 40.4 18.9 56.9

148 65.1 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 20.119 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075319.D

Acq: 13 Feb 2023 11:12

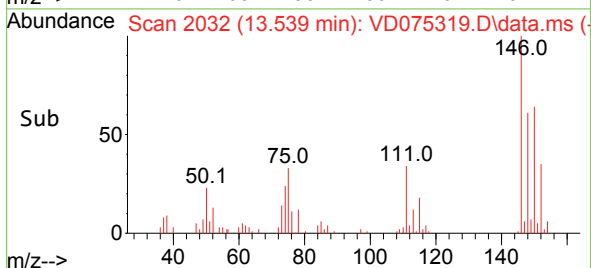
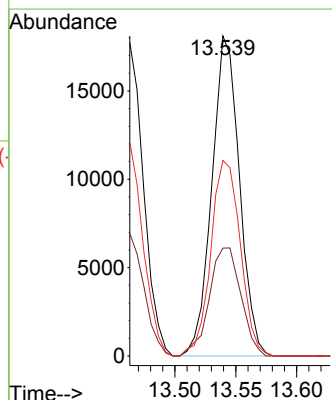
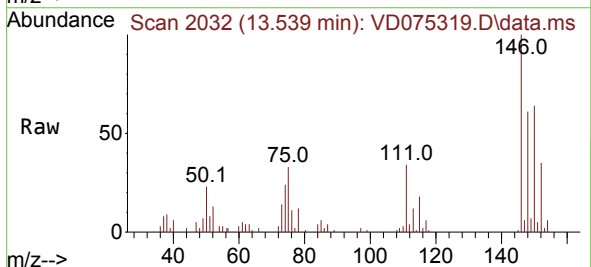
Tgt Ion:146 Resp: 28567

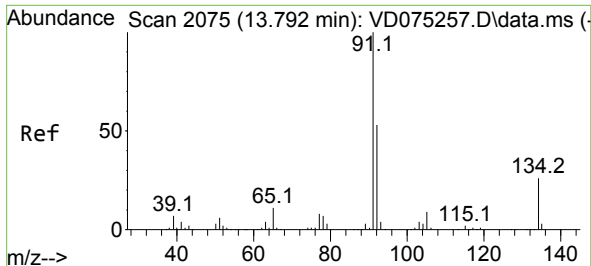
Ion Ratio Lower Upper

146 100

111 38.8 19.7 59.1

148 65.2 31.9 95.5

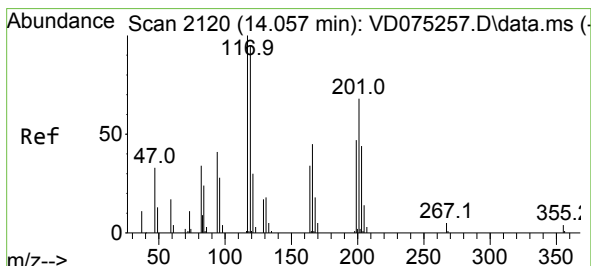
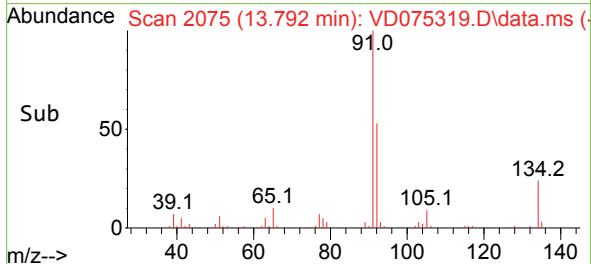
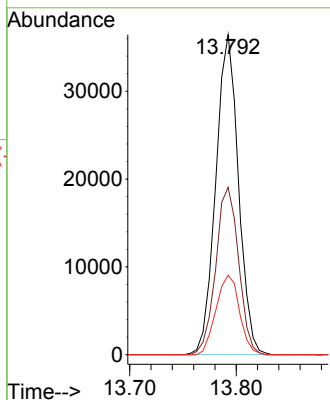
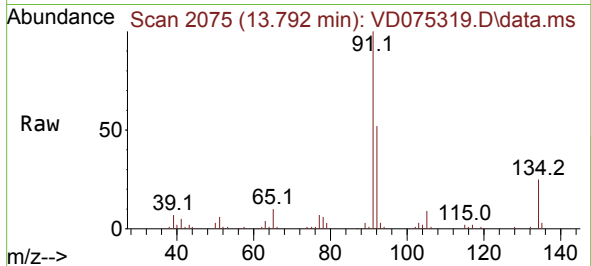




#89
n-Butylbenzene
Concen: 19.732 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

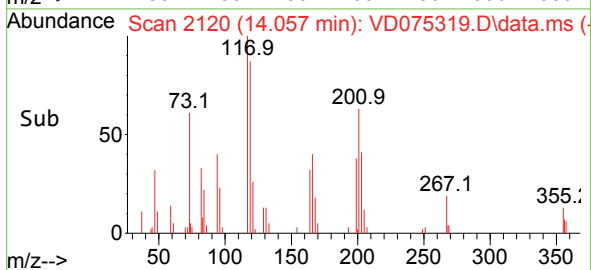
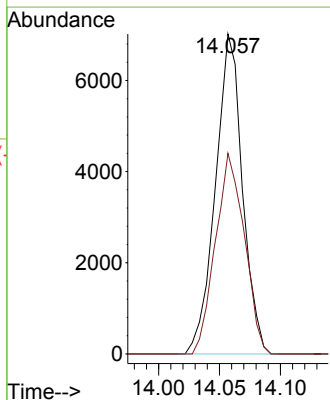
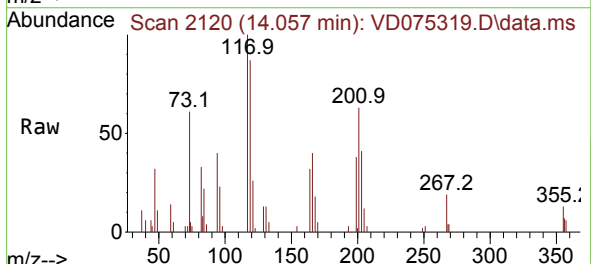
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

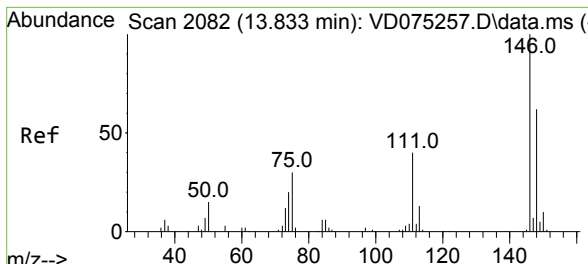
Tgt Ion: 91 Resp: 53802
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.3
134 25.7 13.3 39.8



#90
Hexachloroethane
Concen: 19.684 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion: 117 Resp: 10838
Ion Ratio Lower Upper
117 100
201 67.1 35.1 105.5

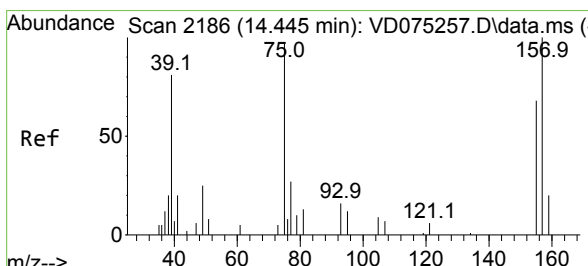
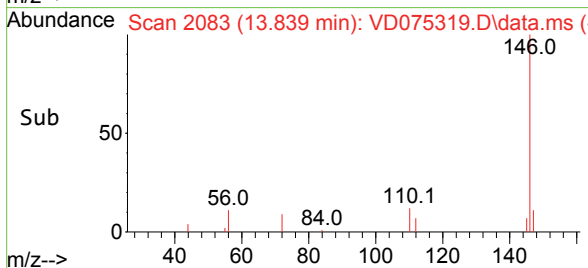
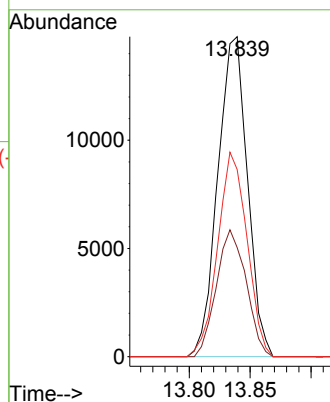
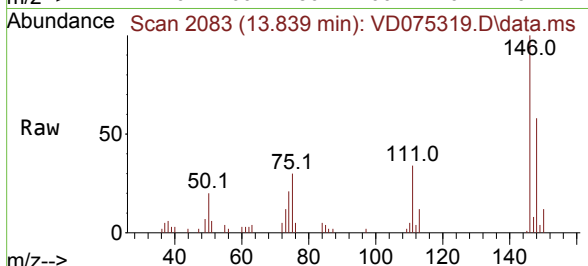




#91
 1,2-Dichlorobenzene
 Concen: 20.338 ug/l
 RT: 13.839 min Scan# 2083
 Delta R.T. 0.006 min
 Lab File: VD075319.D
 Acq: 13 Feb 2023 11:12

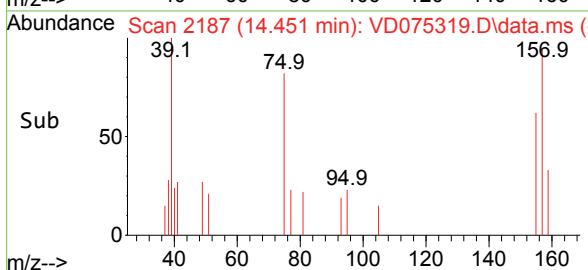
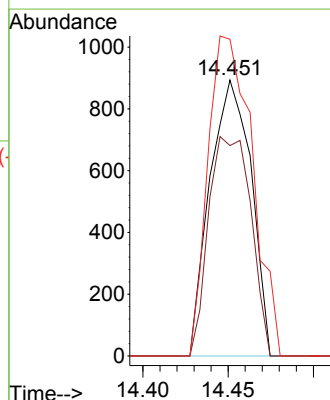
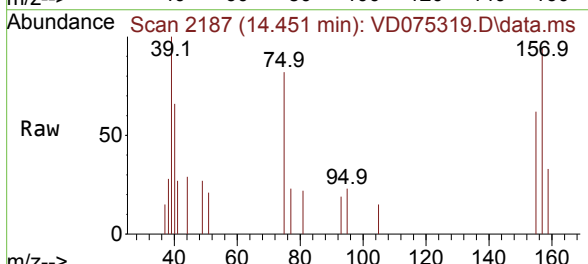
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0213SBS01

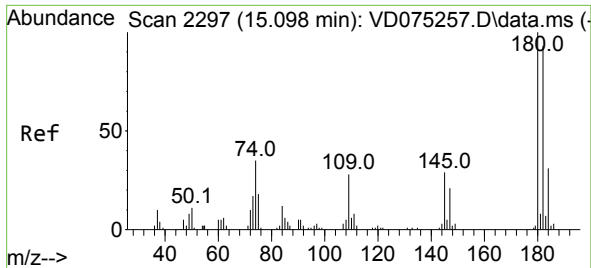
Tgt Ion:	146	Resp:	25041
Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.4	61.2
148	63.3	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.929 ug/l
 RT: 14.451 min Scan# 2187
 Delta R.T. 0.006 min
 Lab File: VD075319.D
 Acq: 13 Feb 2023 11:12

Tgt Ion:	75	Resp:	1500
Ion	Ratio	Lower	Upper
75	100		
155	81.5	43.4	130.2
157	124.5	56.4	169.2

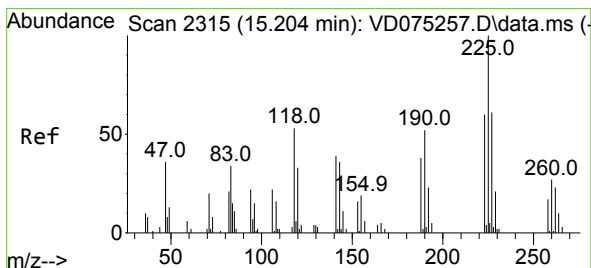
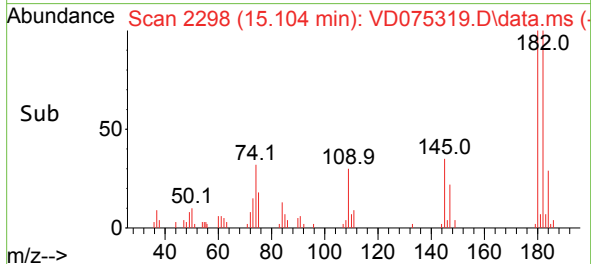
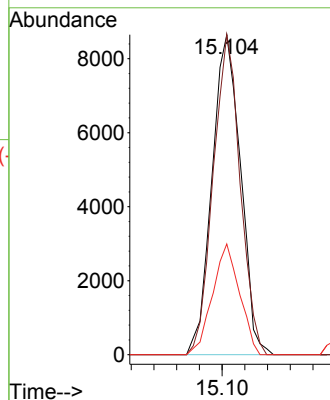
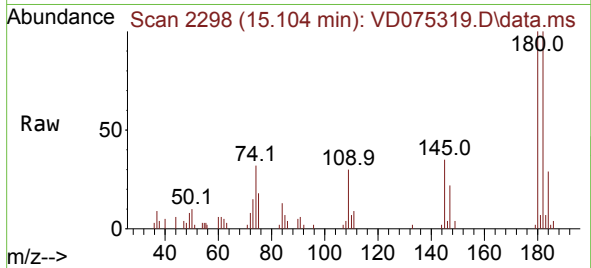




#93
1,2,4-Trichlorobenzene
Concen: 19.552 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

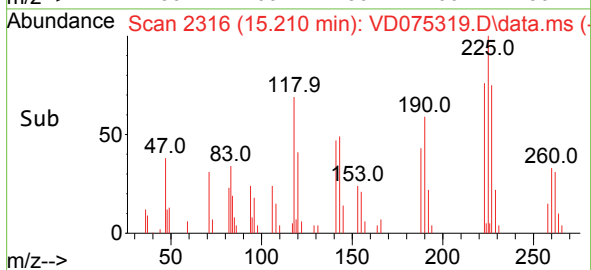
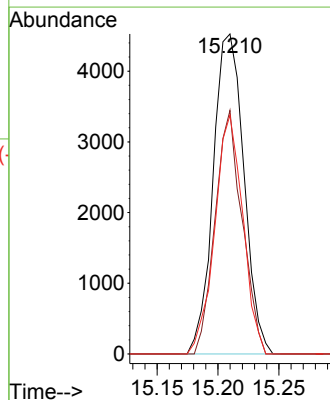
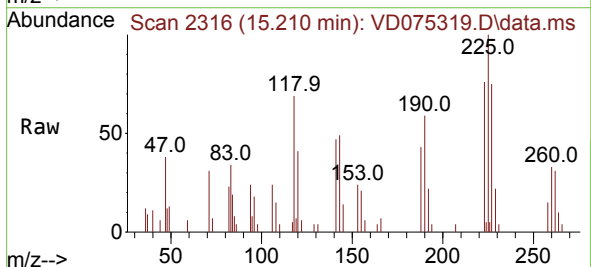
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

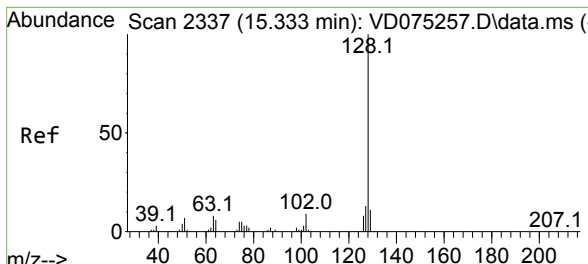
Tgt Ion:180 Resp: 15077
Ion Ratio Lower Upper
180 100
182 94.5 46.2 138.6
145 32.8 15.8 47.4



#94
Hexachlorobutadiene
Concen: 19.504 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion:225 Resp: 7935
Ion Ratio Lower Upper
225 100
223 67.0 31.8 95.4
227 68.1 30.7 92.1

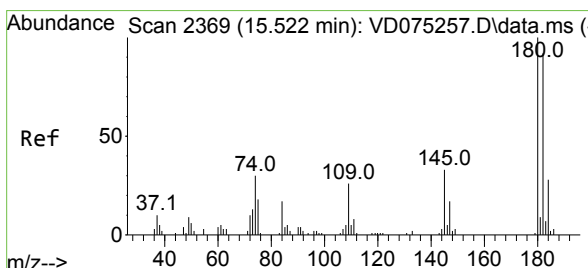
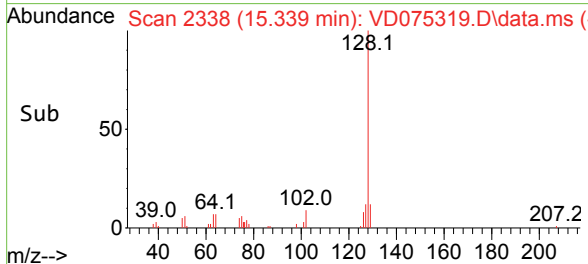
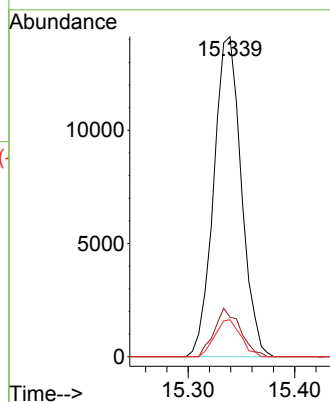
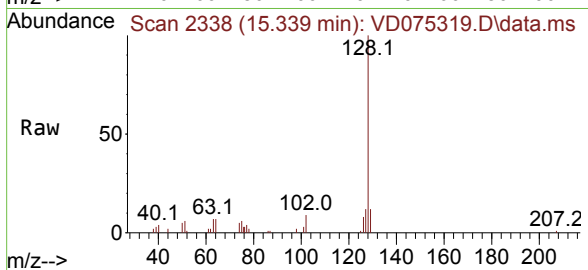




#95
Naphthalene
Concen: 17.730 ug/l
RT: 15.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

Tgt Ion:128	Resp:	25447
Ion Ratio	Lower	Upper
128	100	
127	14.2	10.6 15.8
129	10.8	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.659 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.005 min
Lab File: VD075319.D
Acq: 13 Feb 2023 11:12

Tgt Ion:180	Resp:	13080
Ion Ratio	Lower	Upper
180	100	
182	94.5	47.0 141.0
145	32.5	16.1 48.3

