

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022624\
 Data File : VD078548.D
 Acq On : 26 Feb 2024 12:32
 Operator : RP/MD
 Sample : VD0226SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0226SBS01

Quant Time: Feb 27 03:24:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	115587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	198722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	186768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93571	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	70281	56.235	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.460%	
35) Dibromofluoromethane	7.810	113	80189	63.525	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.060%	
50) Toluene-d8	10.269	98	305248	60.450	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 120.900%	
62) 4-Bromofluorobenzene	12.575	95	84911	57.784	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	18856	16.557	ug/l	94
3) Chloromethane	2.152	50	32179	15.375	ug/l	96
4) Vinyl Chloride	2.281	62	52545	16.453	ug/l	97
5) Bromomethane	2.687	94	40516	18.379	ug/l	100
6) Chloroethane	2.834	64	40787	17.514	ug/l	96
7) Trichlorofluoromethane	3.175	101	41143	19.097	ug/l	99
8) Diethyl Ether	3.599	74	11573	18.650	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.969	101	26773	19.699	ug/l	94
10) Methyl Iodide	4.164	142	23187	19.048	ug/l #	88
11) Tert butyl alcohol	5.052	59	6457	91.749	ug/l #	73
12) 1,1-Dichloroethene	3.940	96	23108	18.339	ug/l	91
13) Acrolein	3.799	56	8300	71.887	ug/l	100
14) Allyl chloride	4.564	41	28037	18.011	ug/l	91
15) Acrylonitrile	5.258	53	25688	96.702	ug/l	97
16) Acetone	4.022	43	28682	103.381	ug/l	92
17) Carbon Disulfide	4.275	76	58033	13.687	ug/l	98
18) Methyl Acetate	4.564	43	9425	13.717	ug/l	92
19) Methyl tert-butyl Ether	5.334	73	51147	19.105	ug/l #	91
20) Methylene Chloride	4.805	84	37121	24.654	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	27727	18.705	ug/l	96
22) Diisopropyl ether	6.222	45	66125	19.273	ug/l	97
23) Vinyl Acetate	6.158	43	190395	128.594	ug/l #	90
24) 1,1-Dichloroethane	6.111	63	48994	20.158	ug/l	99
25) 2-Butanone	7.087	43	35603	103.220	ug/l	90
26) 2,2-Dichloropropane	7.081	77	41337	20.288	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	32465	19.962	ug/l	98
28) Bromochloromethane	7.428	49	19760	20.527	ug/l	87
29) Tetrahydrofuran	7.452	42	16428	88.388	ug/l	92
30) Chloroform	7.599	83	52631	20.467	ug/l	97
31) Cyclohexane	7.887	56	34299	16.224	ug/l #	83
32) 1,1,1-Trichloroethane	7.799	97	45293	20.658	ug/l	97
36) 1,1-Dichloropropene	8.010	75	36744	18.737	ug/l	95
37) Ethyl Acetate	7.175	43	13090	19.042	ug/l #	97
38) Carbon Tetrachloride	7.993	117	39568	20.375	ug/l	90
39) Methylcyclohexane	9.275	83	38295	16.450	ug/l	96
40) Benzene	8.252	78	109368	19.295	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	4320	12.075	ug/l #	51
42) 1,2-Dichloroethane	8.328	62	29125	19.859	ug/l	94
43) Isopropyl Acetate	8.363	43	24117	18.946	ug/l	95
44) Trichloroethene	9.028	130	29875	20.660	ug/l	99
45) 1,2-Dichloropropane	9.304	63	28215	20.288	ug/l	99
46) Dibromomethane	9.399	93	15932	20.368	ug/l	92
47) Bromodichloromethane	9.587	83	40105	20.700	ug/l	91
48) Methyl methacrylate	9.381	41	10377	15.366	ug/l	86
49) 1,4-Dioxane	9.387	88	3342	394.514	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	63912	94.600	ug/l	93
52) Toluene	10.334	92	70649	19.710	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	36757	20.792	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	43221	20.162	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	22226	21.099	ug/l	95
56) Ethyl methacrylate	10.599	69	21575	22.145	ug/l	93
57) 1,3-Dichloropropane	10.881	76	35478	19.799	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	57807	100.730	ug/l	97
59) 2-Hexanone	10.922	43	52457	103.318	ug/l	94
60) Dibromochloromethane	11.075	129	26490	20.900	ug/l	94
61) 1,2-Dibromoethane	11.181	107	20284	20.511	ug/l	97
64) Tetrachloroethene	10.810	164	23465	19.891	ug/l	98
65) Chlorobenzene	11.604	112	76750	20.441	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	29328	21.254	ug/l	97
67) Ethyl Benzene	11.681	91	129656	19.272	ug/l	97
68) m/p-Xylenes	11.793	106	105832	40.329	ug/l	95
69) o-Xylene	12.122	106	48541	20.270	ug/l	96
70) Styrene	12.134	104	84208	21.546	ug/l	98
71) Bromoform	12.298	173	15308	21.077	ug/l #	99
73) Isopropylbenzene	12.422	105	126633	20.154	ug/l	96
74) N-amyl acetate	12.234	43	22983	19.335	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	26274	21.080	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	29434	37.052	ug/l #	100
77) Bromobenzene	12.704	156	32388	21.934	ug/l	96
78) n-propylbenzene	12.763	91	159101	20.319	ug/l	98
79) 2-Chlorotoluene	12.851	91	85272	20.333	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	108057	20.711	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	7619	19.911	ug/l	98
82) 4-Chlorotoluene	12.945	91	91694	20.358	ug/l	98
83) tert-Butylbenzene	13.169	119	94987	21.588	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	107543	20.310	ug/l	96
85) sec-Butylbenzene	13.345	105	143596	21.043	ug/l	97
86) p-Isopropyltoluene	13.463	119	116538	20.051	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	68413	21.707	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	65827	21.257	ug/l	99
89) n-Butylbenzene	13.787	91	111349	19.876	ug/l	97
90) Hexachloroethane	14.051	117	25557	21.394	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	56982	21.531	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3095	18.965	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	33263	21.386	ug/l	98
94) Hexachlorobutadiene	15.204	225	18122	22.322	ug/l	97
95) Naphthalene	15.328	128	57904	20.072	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	29461	22.350	ug/l	97

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

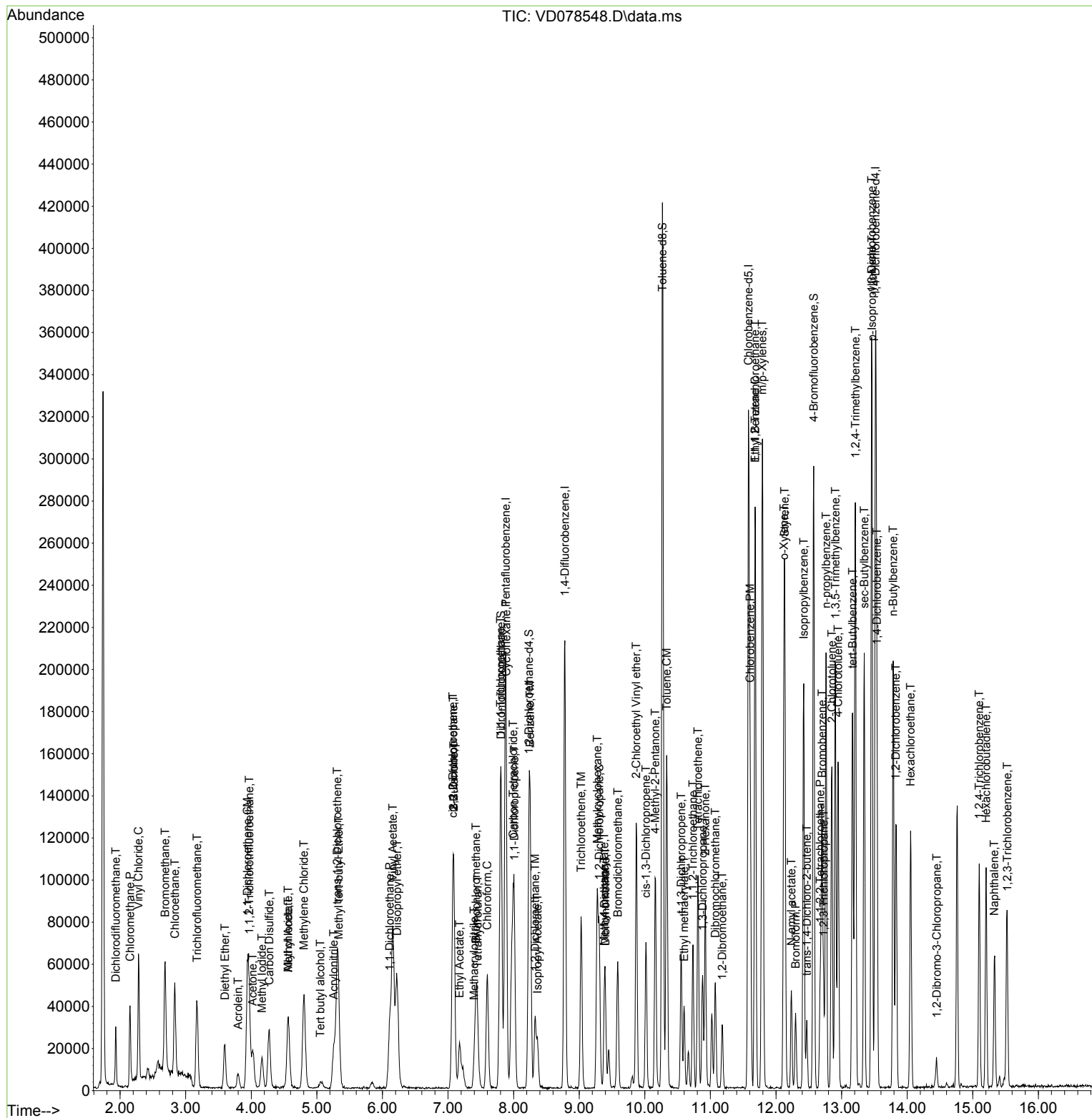
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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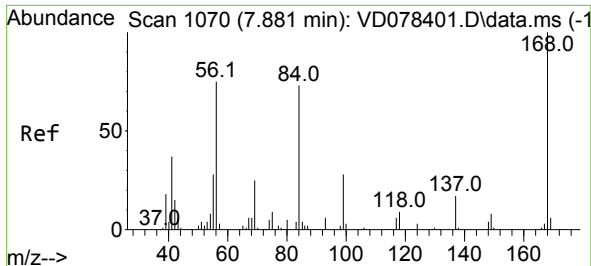
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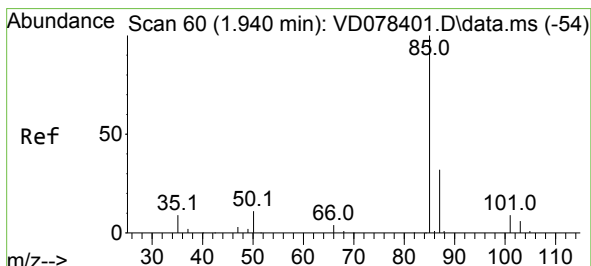
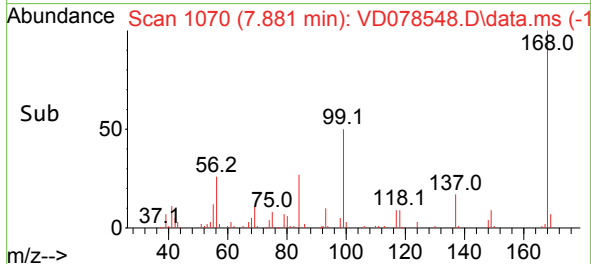
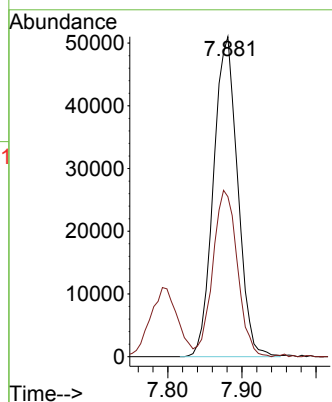
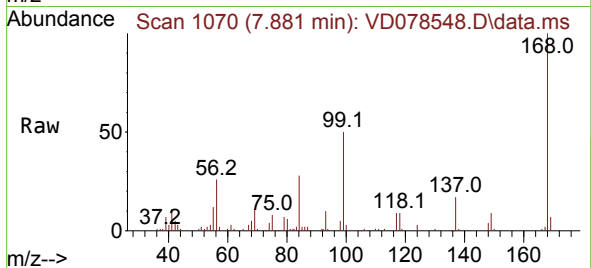




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD078548.D
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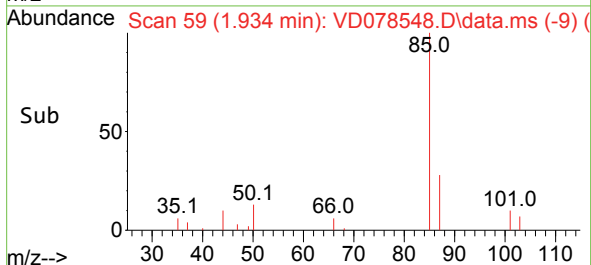
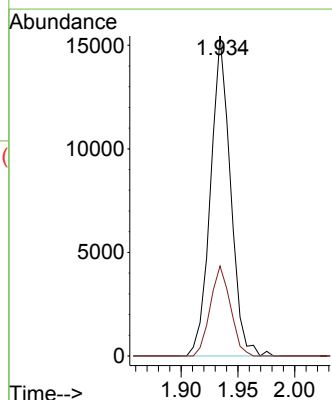
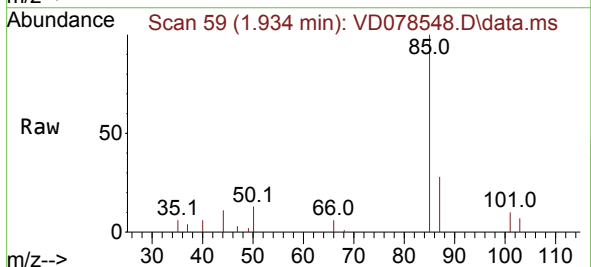
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBSD01

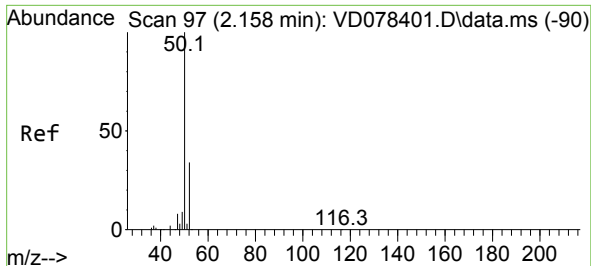
Tgt Ion:168 Resp: 115587
Ion Ratio Lower Upper
168 100
99 49.6 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 16.557 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion: 85 Resp: 18856
Ion Ratio Lower Upper
85 100
87 28.1 15.7 47.0

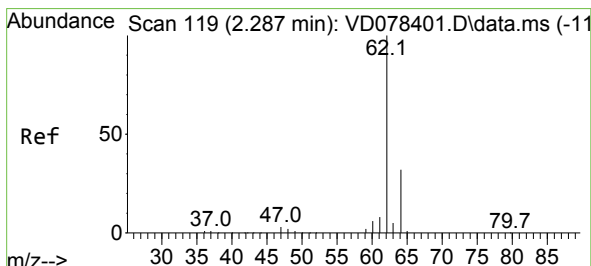
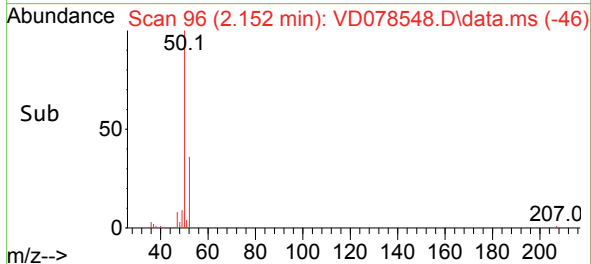
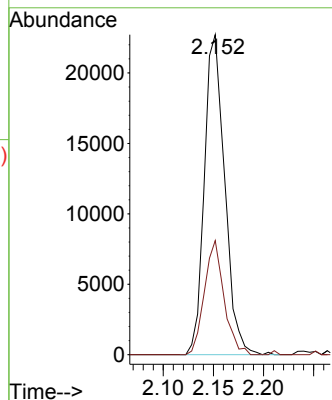
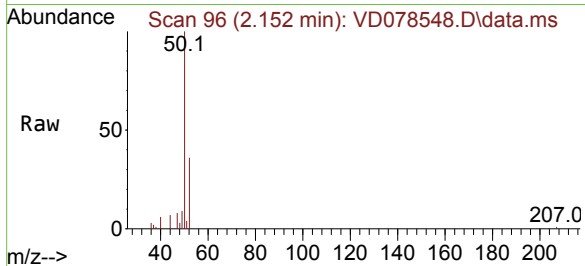




#3
Chloromethane
Concen: 15.375 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

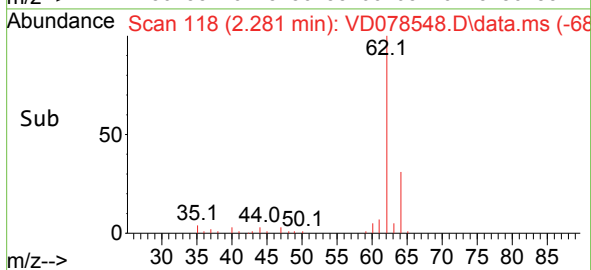
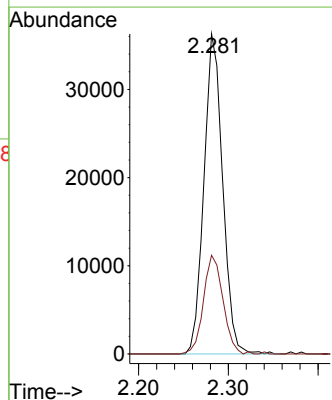
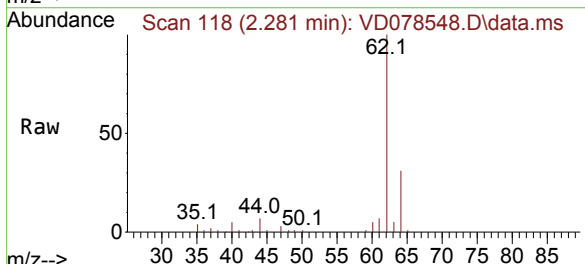
Instrument :
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ClientSampleId :
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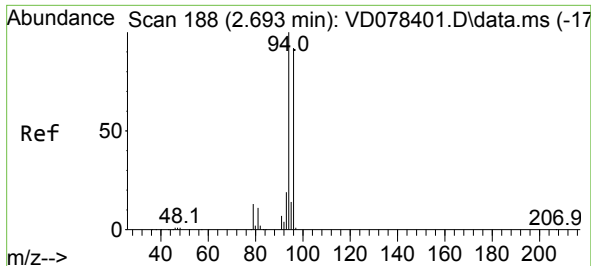
Tgt Ion: 50 Resp: 32179
Ion Ratio Lower Upper
50 100
52 35.6 26.6 40.0



#4
Vinyl Chloride
Concen: 16.453 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion: 62 Resp: 52545
Ion Ratio Lower Upper
62 100
64 30.8 26.0 39.0

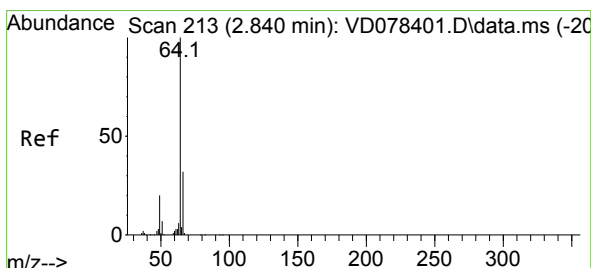
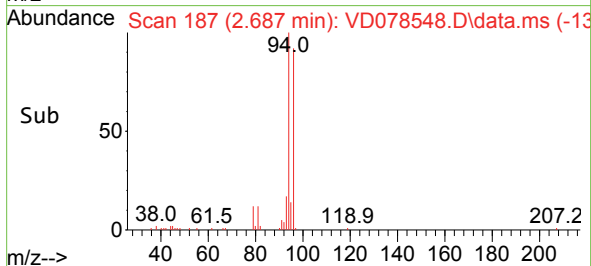
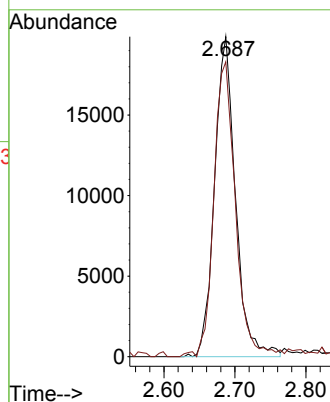
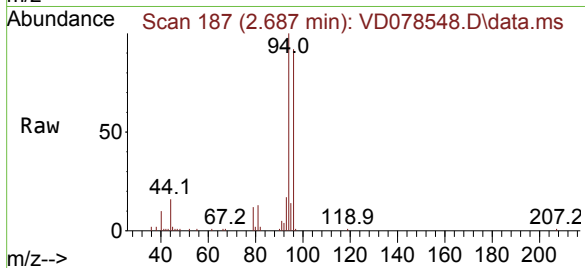




#5
Bromomethane
Concen: 18.379 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

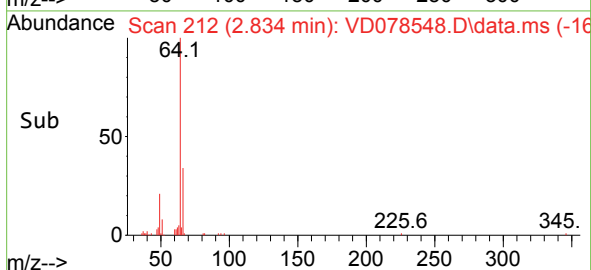
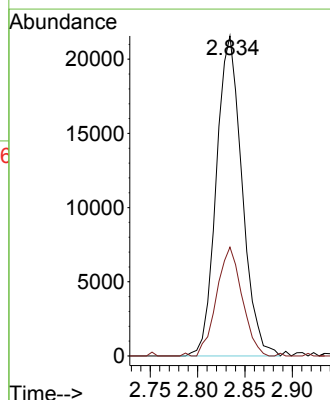
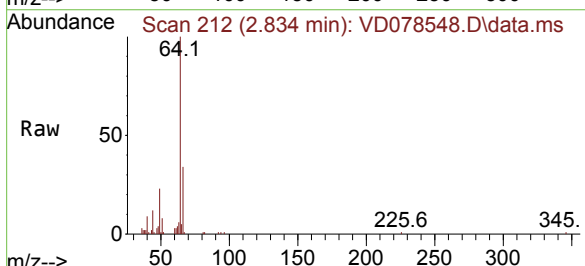
Instrument :
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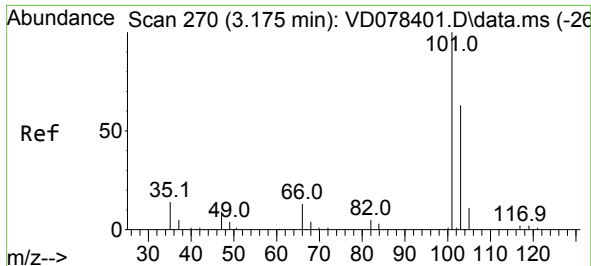
Tgt Ion: 94 Resp: 40516
Ion Ratio Lower Upper
94 100
96 94.8 75.8 113.8



#6
Chloroethane
Concen: 17.514 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion: 64 Resp: 40787
Ion Ratio Lower Upper
64 100
66 34.0 25.5 38.3

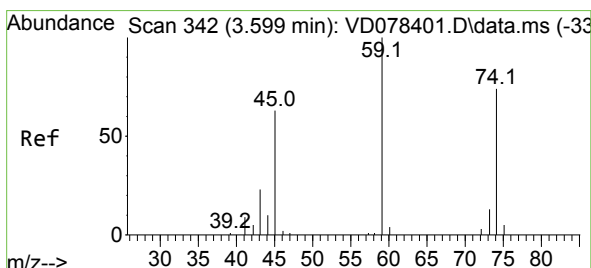
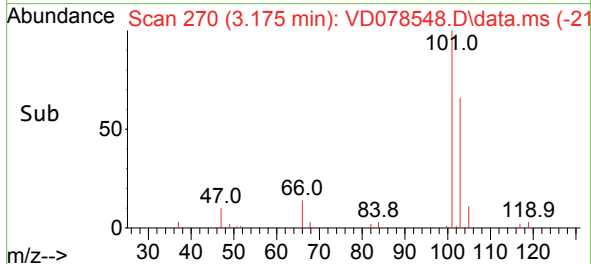
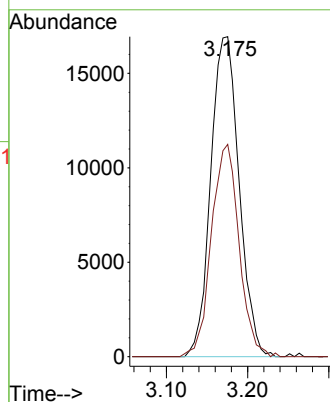
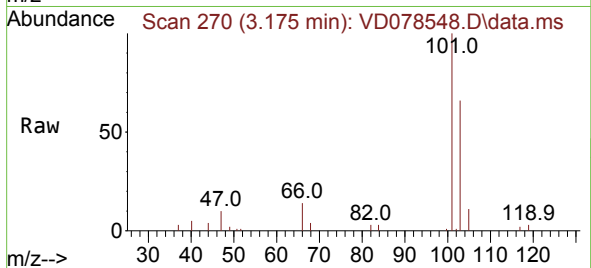




#7
Trichlorofluoromethane
Concen: 19.097 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

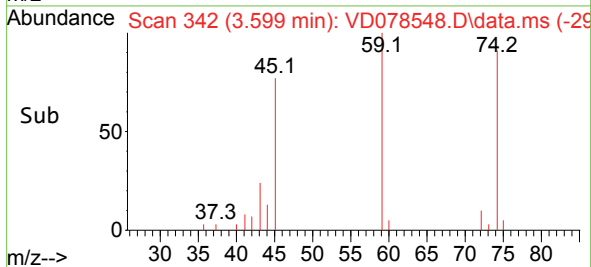
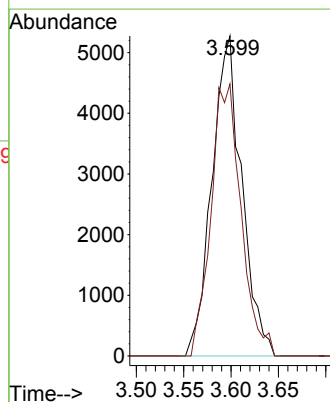
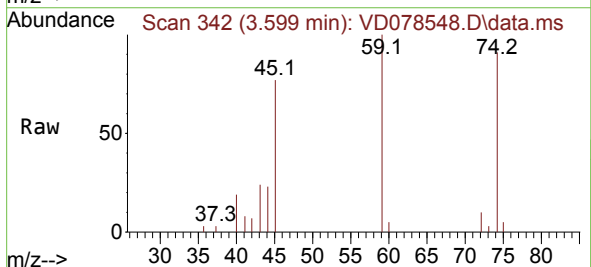
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBSD01

Tgt Ion:101 Resp: 41143
Ion Ratio Lower Upper
101 100
103 66.3 52.3 78.5



#8
Diethyl Ether
Concen: 18.650 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion: 74 Resp: 11573
Ion Ratio Lower Upper
74 100
45 85.8 37.5 112.7

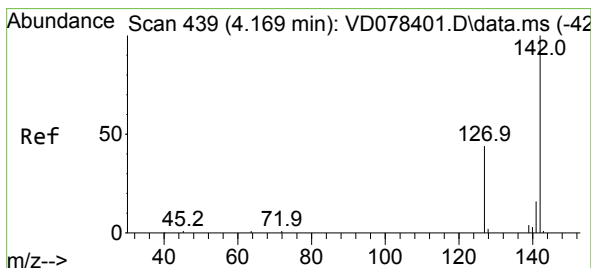
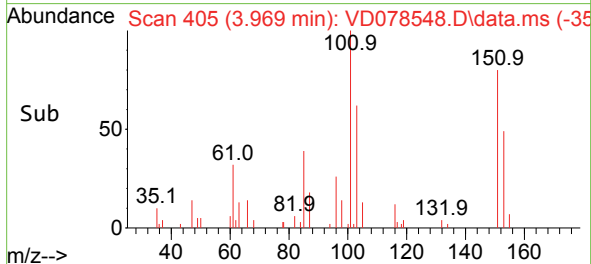
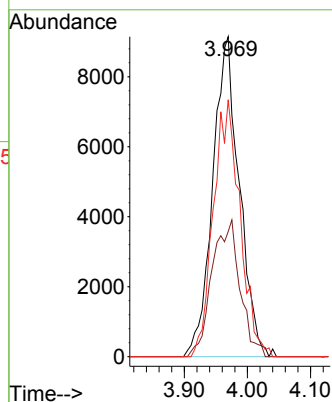
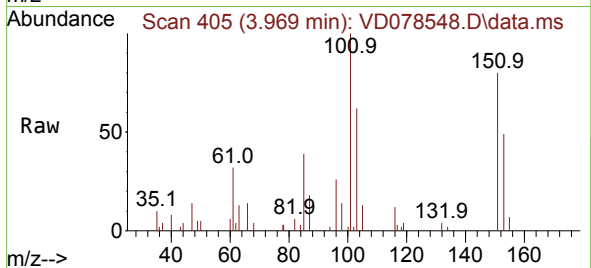




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.699 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

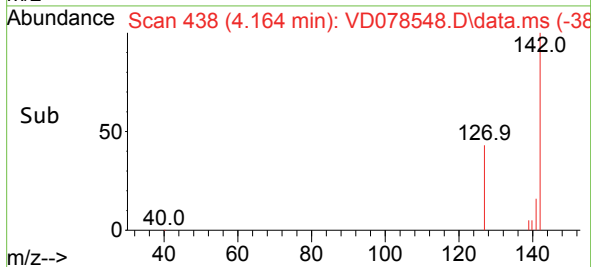
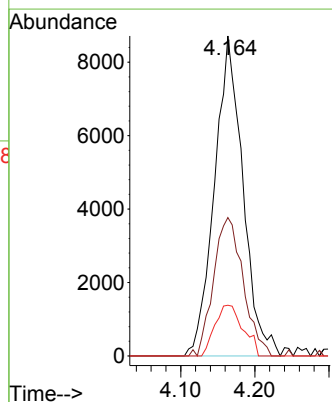
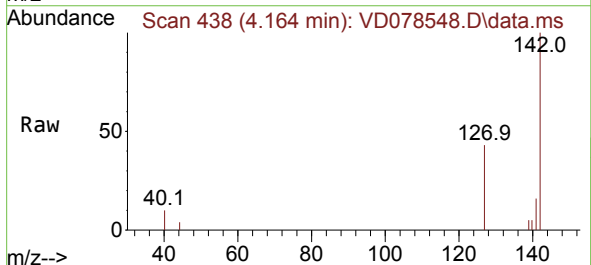
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBS01

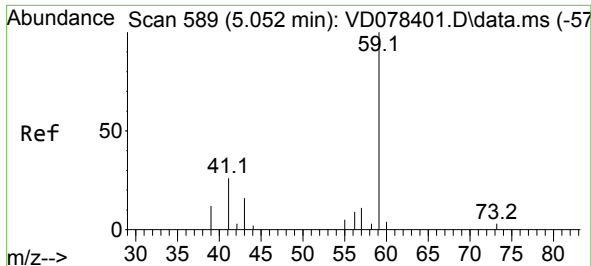
Tgt Ion:101 Resp: 26773
Ion Ratio Lower Upper
101 100
85 45.0 33.8 50.6
151 80.3 59.8 89.6



#10
Methyl Iodide
Concen: 19.048 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion:142 Resp: 23187
Ion Ratio Lower Upper
142 100
127 45.1 29.4 44.0#
141 15.7 11.1 16.7

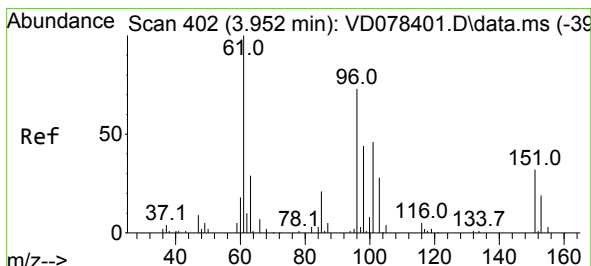
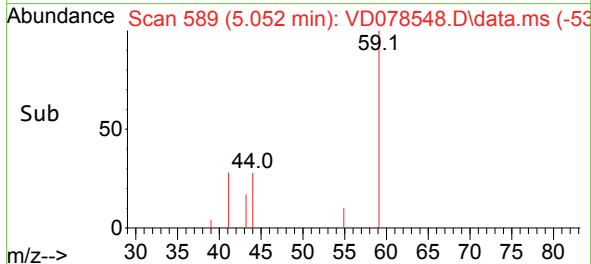
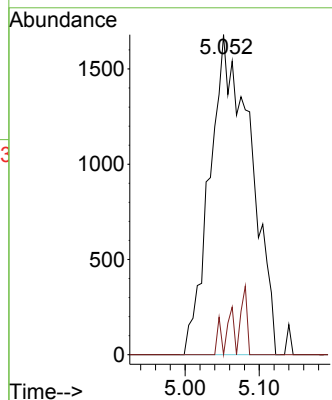
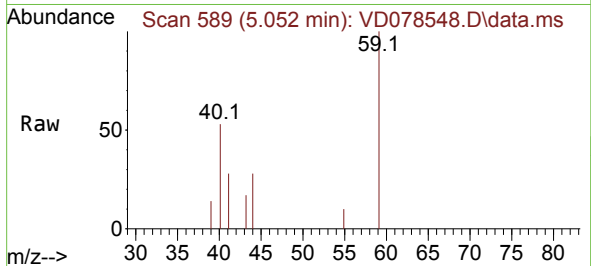




#11
Tert butyl alcohol
Concen: 91.749 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

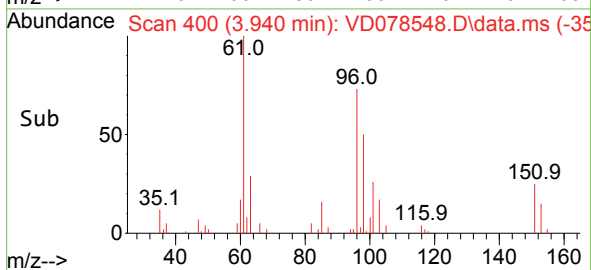
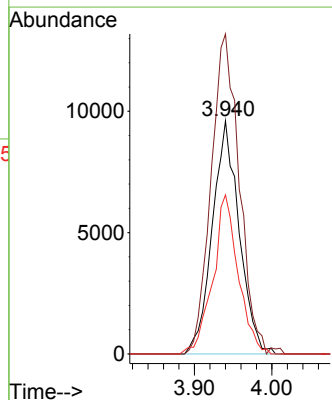
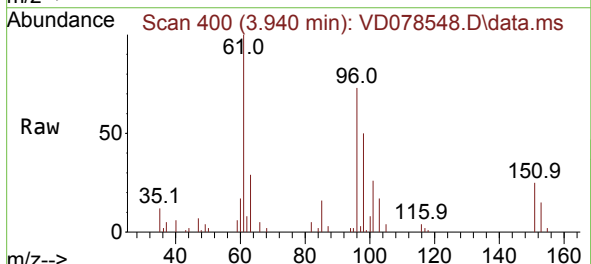
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBS01

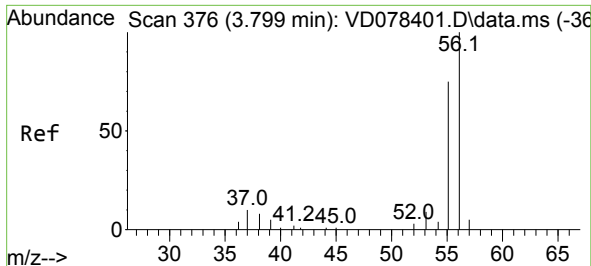
Tgt Ion: 59 Resp: 6457
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 18.339 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion: 96 Resp: 23108
Ion Ratio Lower Upper
96 100
61 137.2 100.6 150.8
98 68.2 50.2 75.2





#13

Acrolein

Concen: 71.887 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

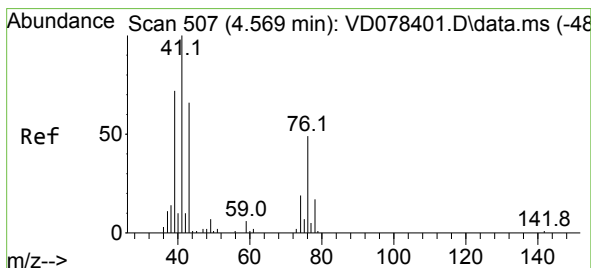
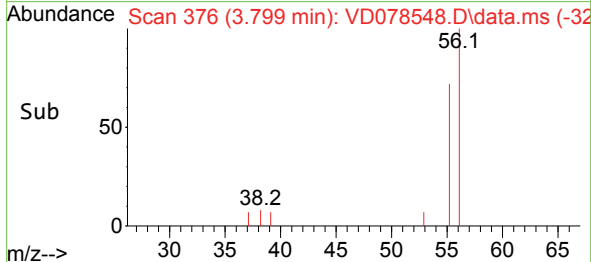
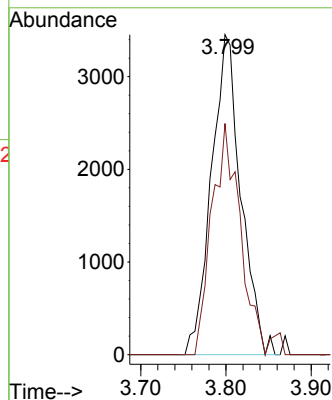
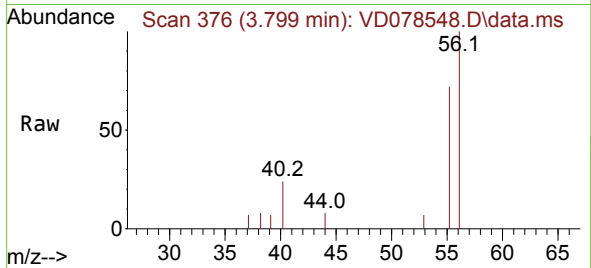
VD0226SBS01

Tgt Ion: 56 Resp: 8300

Ion Ratio Lower Upper

56 100

55 69.2 55.1 82.7



#14

Allyl chloride

Concen: 18.011 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

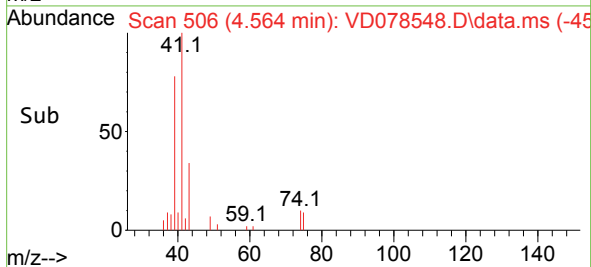
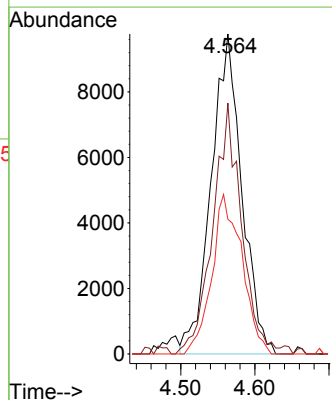
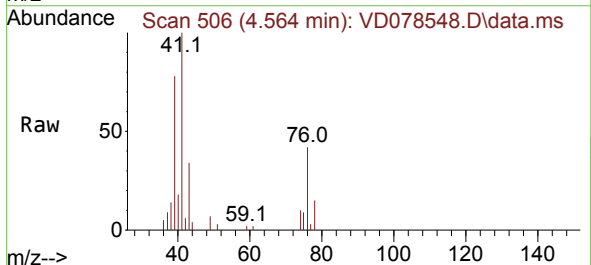
Tgt Ion: 41 Resp: 28037

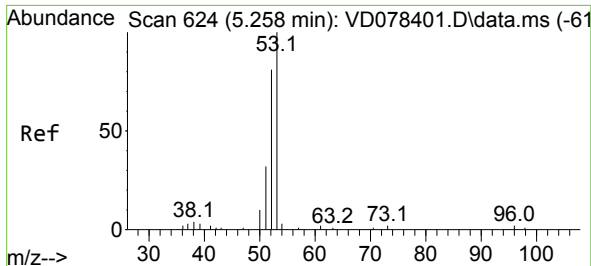
Ion Ratio Lower Upper

41 100

39 73.1 53.8 80.6

76 49.1 45.8 68.8





#15

Acrylonitrile

Concen: 96.702 ug/l

RT: 5.258 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VD0226SBS01

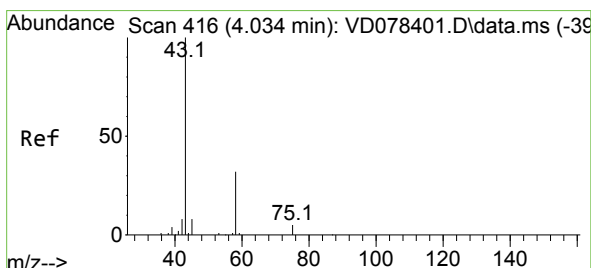
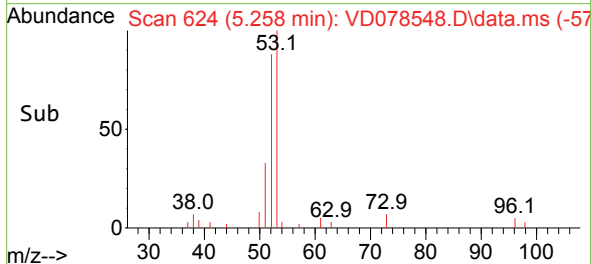
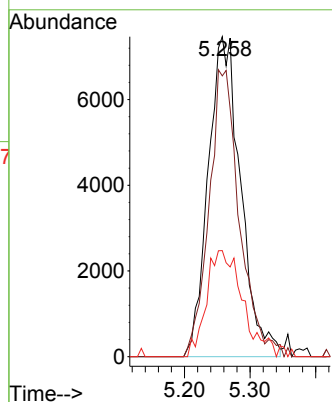
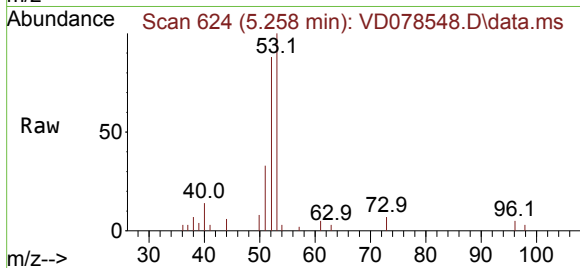
Tgt Ion: 53 Resp: 25688

Ion Ratio Lower Upper

53 100

52 84.5 65.0 97.4

51 36.7 28.3 42.5



#16

Acetone

Concen: 103.381 ug/l

RT: 4.022 min Scan# 414

Delta R.T. -0.012 min

Lab File: VD078548.D

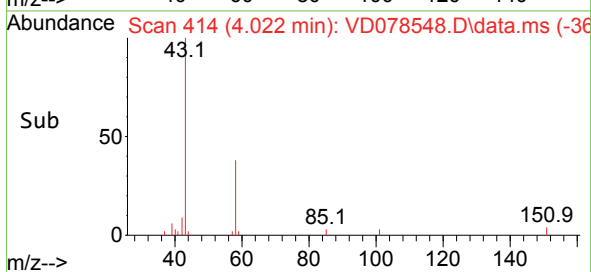
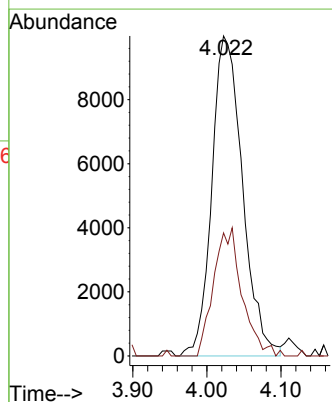
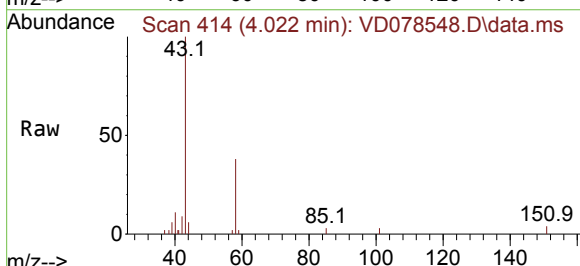
Acq: 26 Feb 2024 12:32

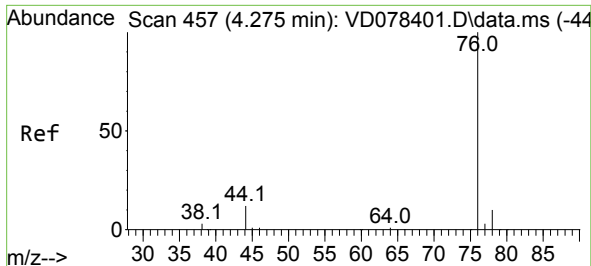
Tgt Ion: 43 Resp: 28682

Ion Ratio Lower Upper

43 100

58 38.4 34.7 52.1

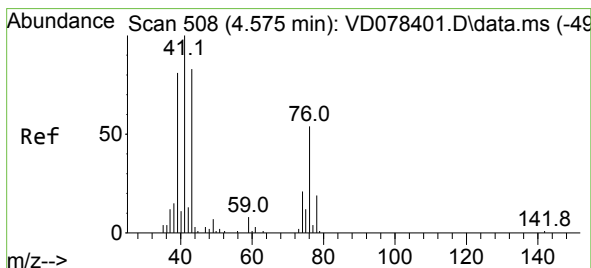
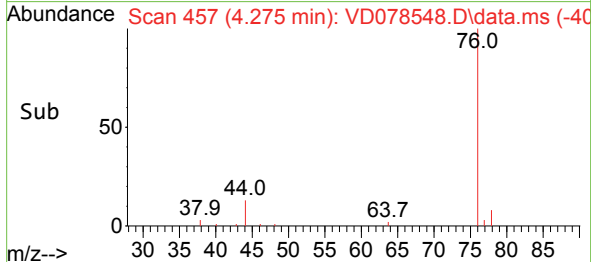
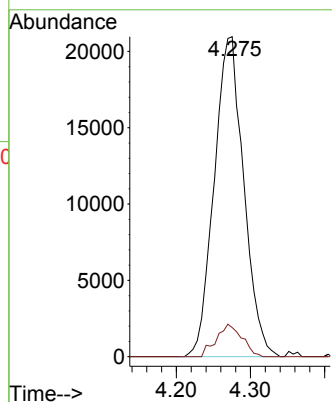
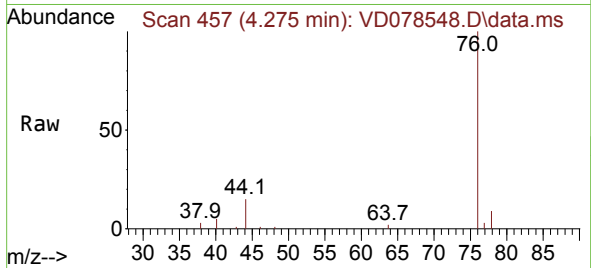




#17
Carbon Disulfide
Concen: 13.687 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

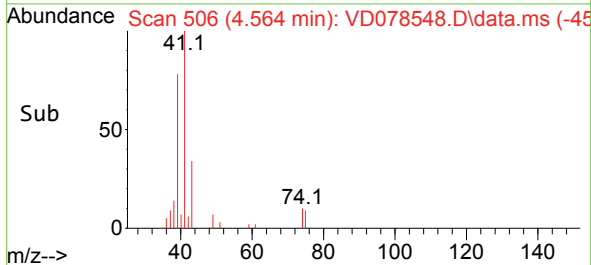
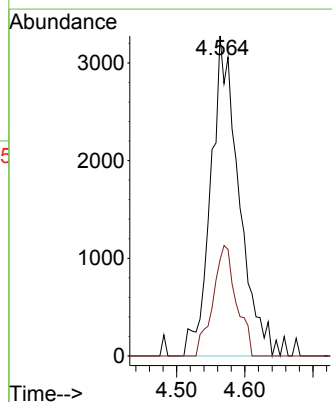
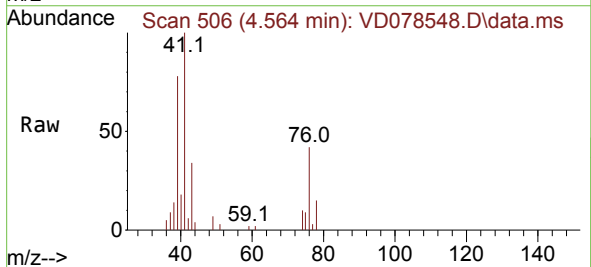
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBSD01

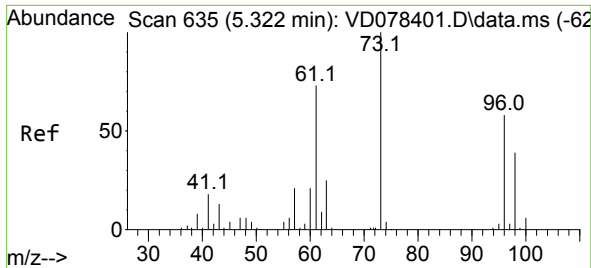
Tgt Ion: 76 Resp: 58033
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 13.717 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.011 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion: 43 Resp: 9425
Ion Ratio Lower Upper
43 100
74 28.7 26.4 39.6

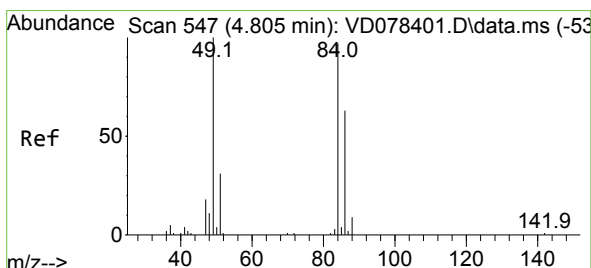
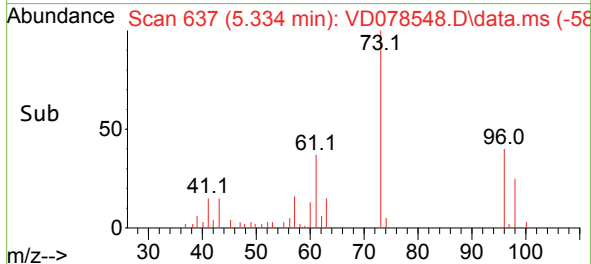
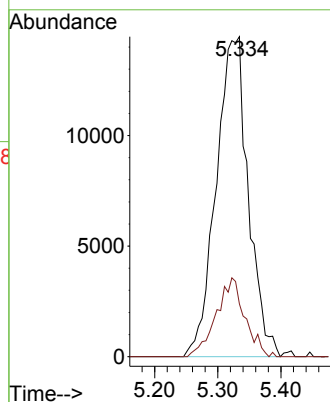
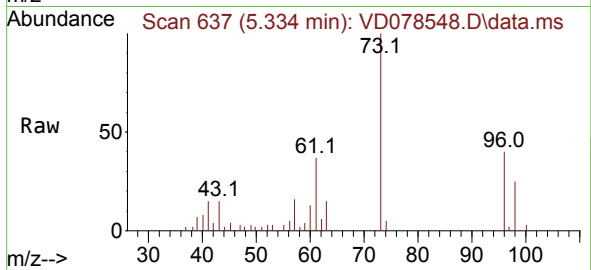




#19
Methyl tert-butyl Ether
Concen: 19.105 ug/l
RT: 5.334 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

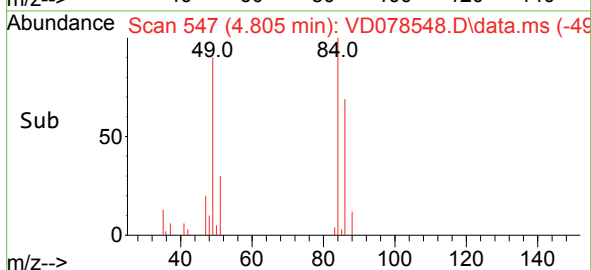
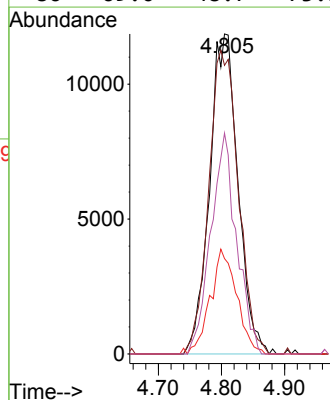
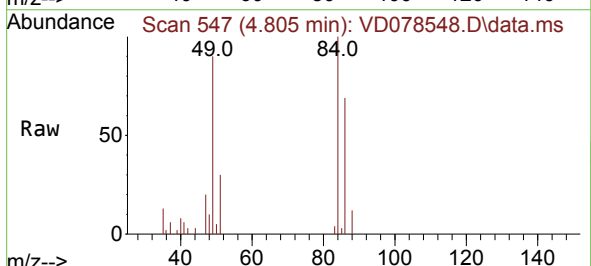
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBS01

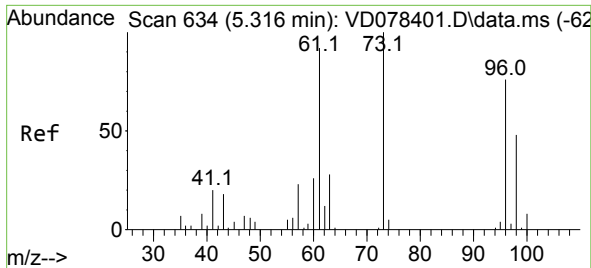
Tgt Ion: 73 Resp: 51147
Ion Ratio Lower Upper
73 100
57 16.5 16.6 25.0#



#20
Methylene Chloride
Concen: 24.654 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

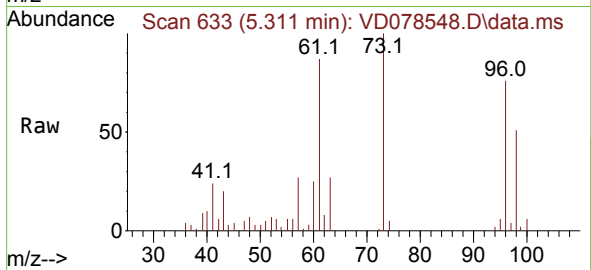
Tgt Ion: 84 Resp: 37121
Ion Ratio Lower Upper
84 100
49 90.2 71.4 107.2
51 29.8 24.5 36.7
86 69.0 48.7 73.1



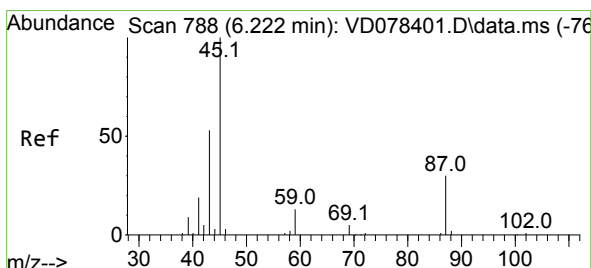
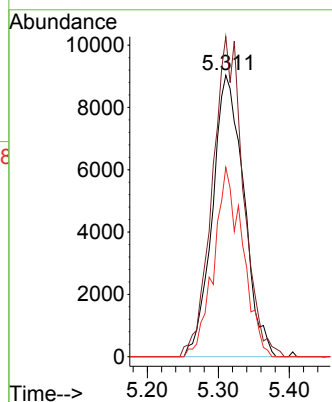
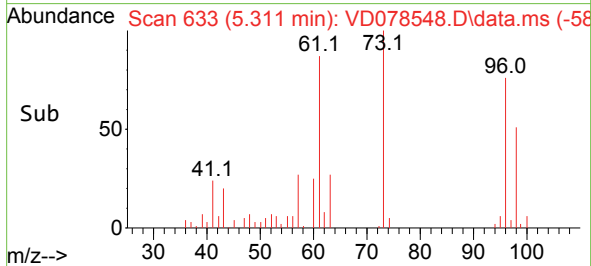


#21
trans-1,2-Dichloroethene
Concen: 18.705 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Instrument :
MSVOA_D
ClientSampleId :
VD0226SBS01

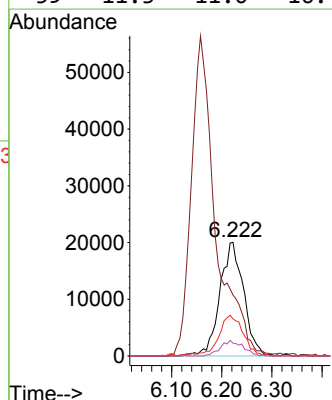
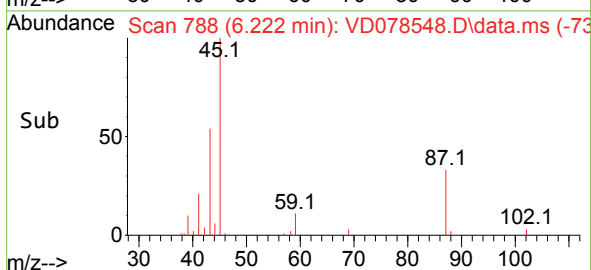
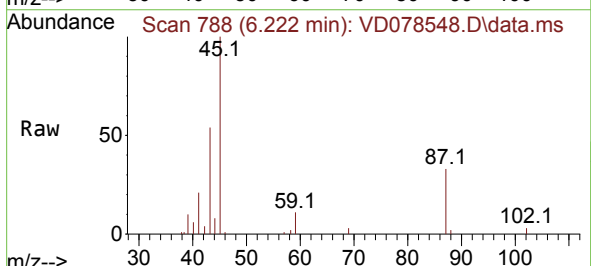


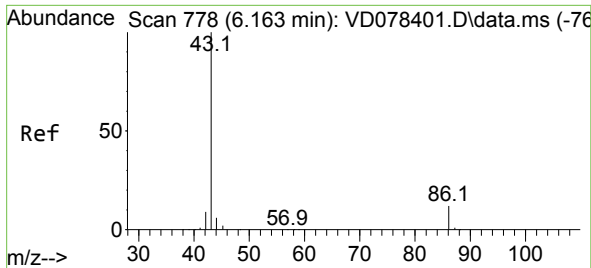
Tgt Ion:	96	Resp:	27727
Ion	Ratio	Lower	Upper
96	100		
61	113.7	89.3	133.9
98	67.3	48.6	73.0



#22
Diisopropyl ether
Concen: 19.273 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion:	45	Resp:	66125
Ion	Ratio	Lower	Upper
45	100		
43	51.0	40.0	60.0
87	32.6	28.2	42.4
59	11.3	11.0	16.4

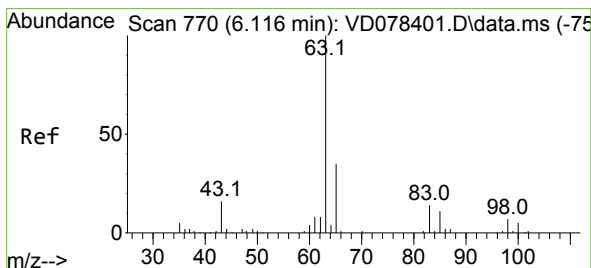
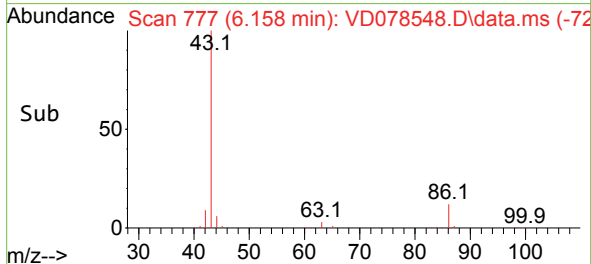
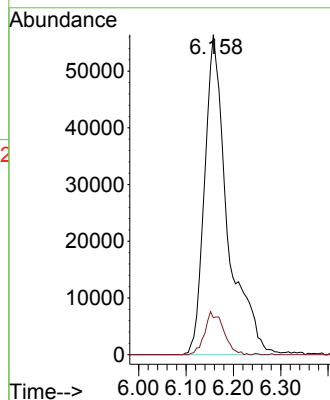
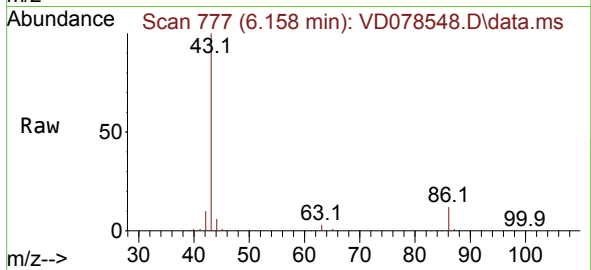




#23
 Vinyl Acetate
 Concen: 128.594 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD078548.D
 Acq: 26 Feb 2024 12:32

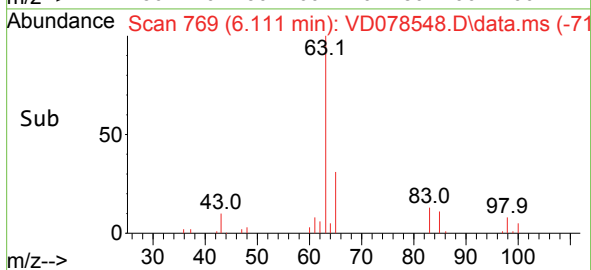
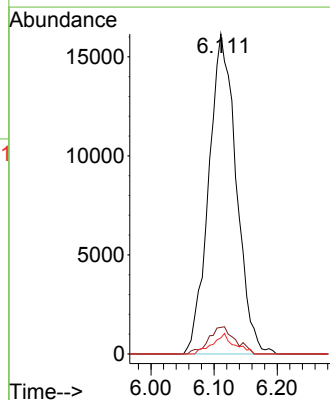
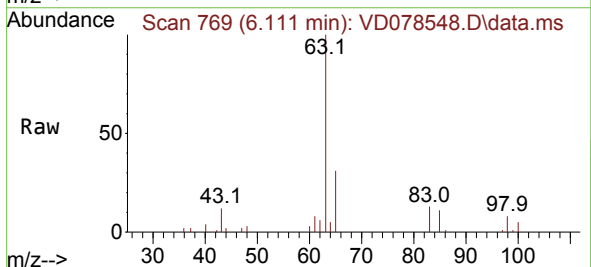
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0226SBSD01

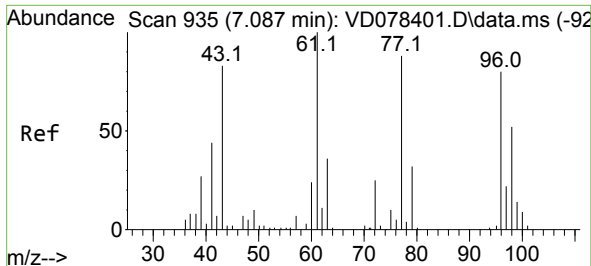
Tgt Ion: 43 Resp: 190395
 Ion Ratio Lower Upper
 43 100
 86 11.6 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 20.158 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078548.D
 Acq: 26 Feb 2024 12:32

Tgt Ion: 63 Resp: 48994
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.5 13.7
 100 5.0 2.5 7.5





#25

2-Butanone

Concen: 103.220 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

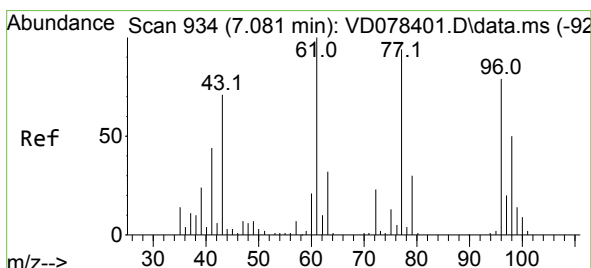
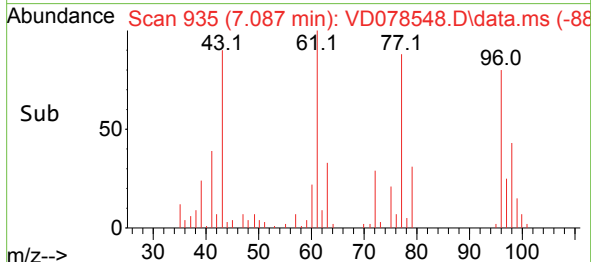
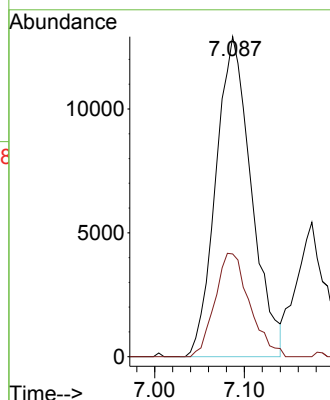
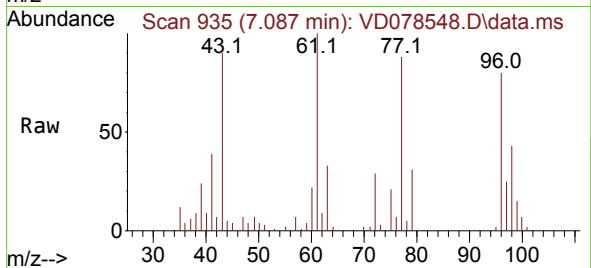
VD0226SBS01

Tgt Ion: 43 Resp: 35603

Ion Ratio Lower Upper

43 100

72 32.1 30.7 46.1



#26

2,2-Dichloropropane

Concen: 20.288 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD078548.D

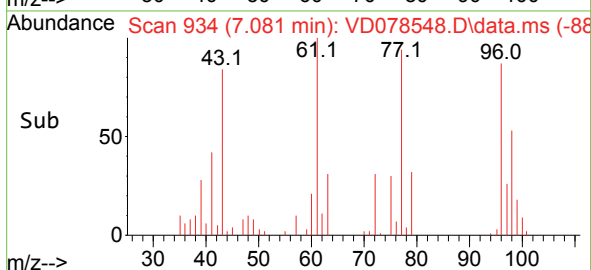
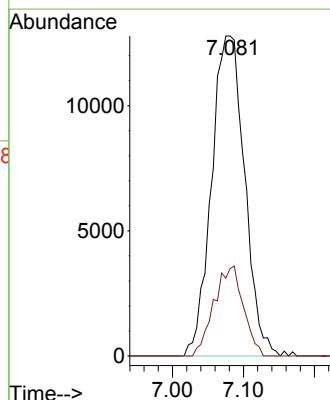
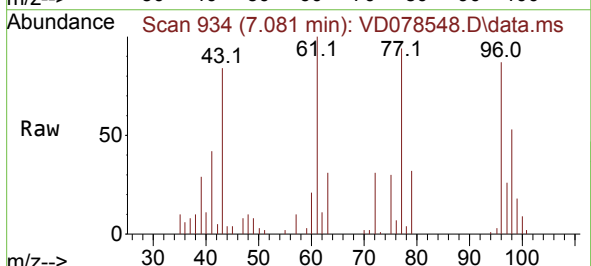
Acq: 26 Feb 2024 12:32

Tgt Ion: 77 Resp: 41337

Ion Ratio Lower Upper

77 100

97 24.9 13.2 39.6

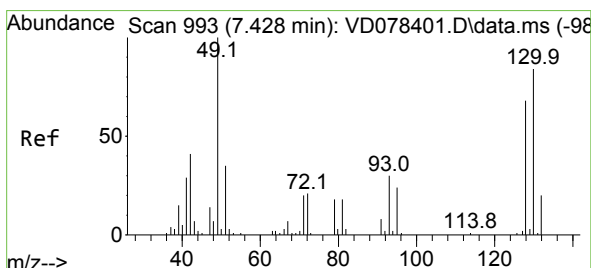
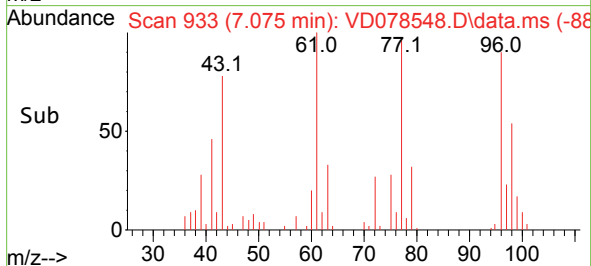
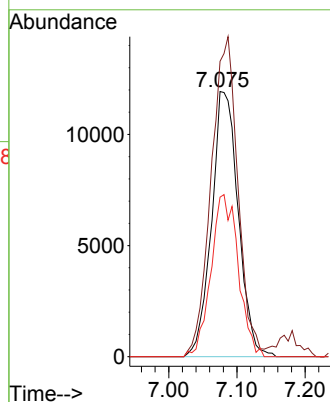
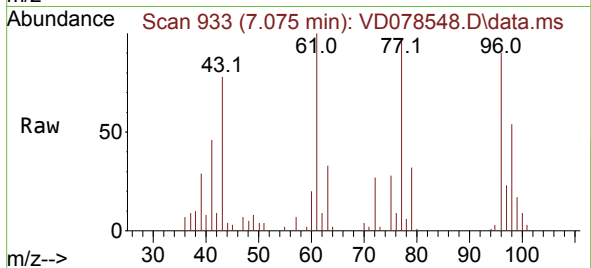




#27
 cis-1,2-Dichloroethene
 Concen: 19.962 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD078548.D
 Acq: 26 Feb 2024 12:32

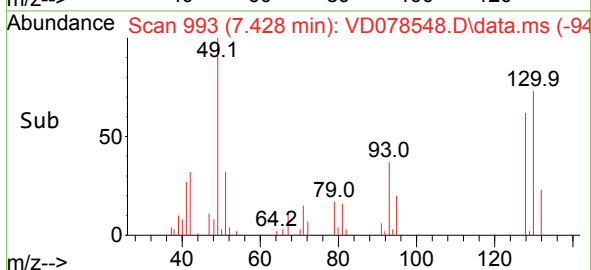
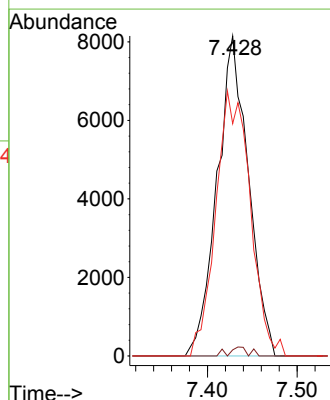
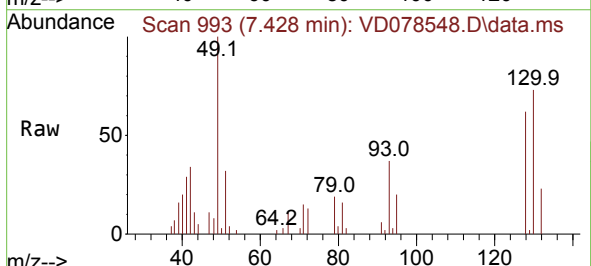
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0226SBSD01

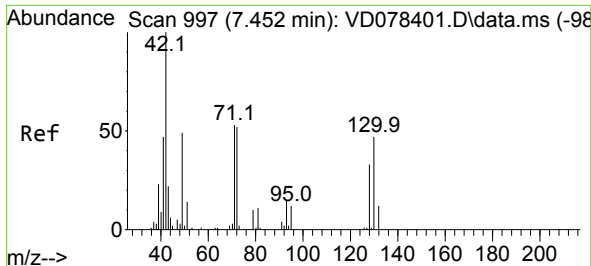
Tgt Ion: 96	Resp: 32465
Ion Ratio	Lower Upper
96 100	
61 121.1	0.0 239.2
98 62.6	0.0 128.6



#28
 Bromochloromethane
 Concen: 20.527 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078548.D
 Acq: 26 Feb 2024 12:32

Tgt Ion: 49	Resp: 19760
Ion Ratio	Lower Upper
49 100	
129 1.7	0.0 6.0
130 90.9	83.2 124.8





#29

Tetrahydrofuran

Concen: 88.388 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.000 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VD0226SBS01

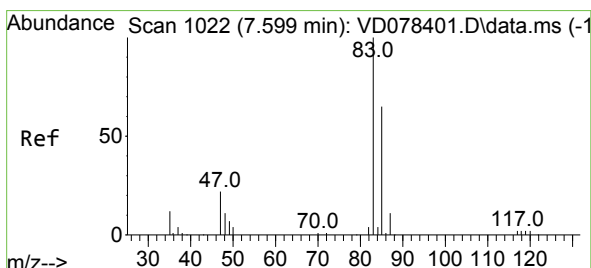
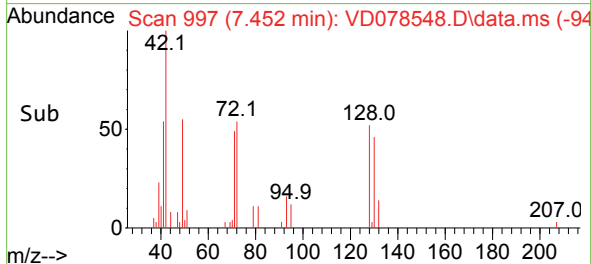
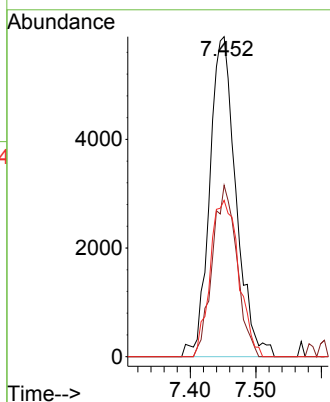
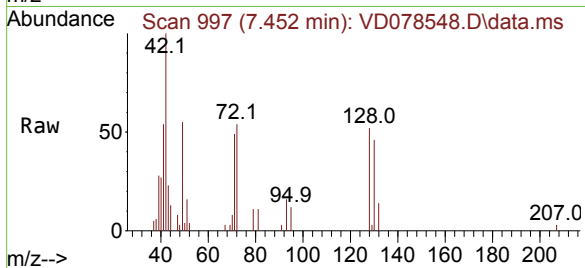
Tgt Ion: 42 Resp: 16428

Ion Ratio Lower Upper

42 100

72 49.7 46.5 69.7

71 52.7 44.5 66.7



#30

Chloroform

Concen: 20.467 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078548.D

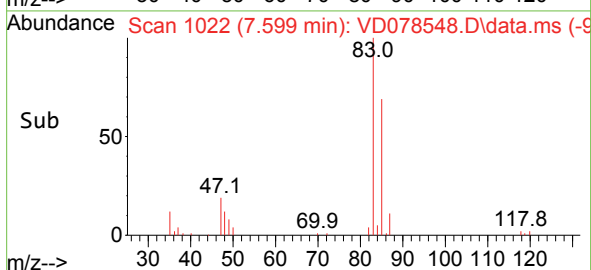
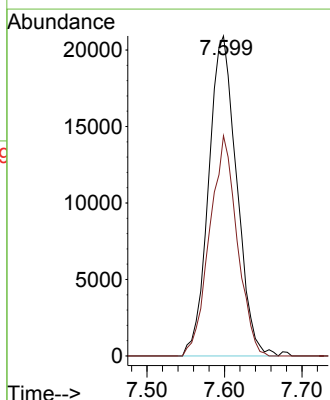
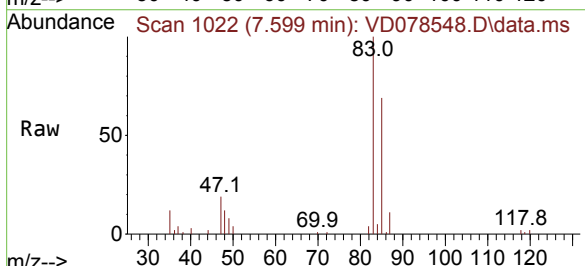
Acq: 26 Feb 2024 12:32

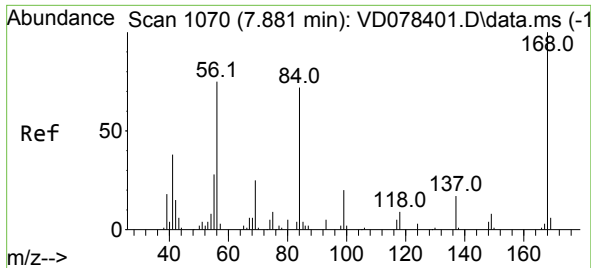
Tgt Ion: 83 Resp: 52631

Ion Ratio Lower Upper

83 100

85 68.8 53.4 80.2

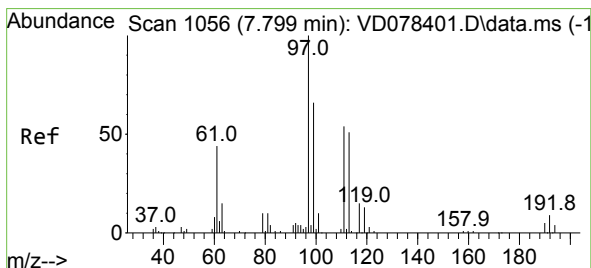
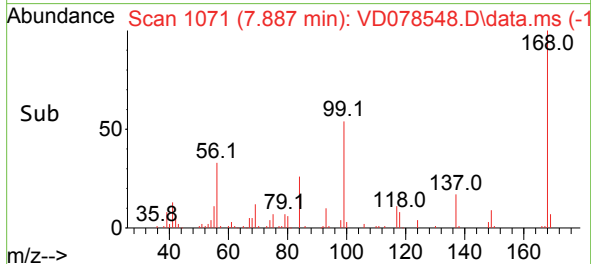
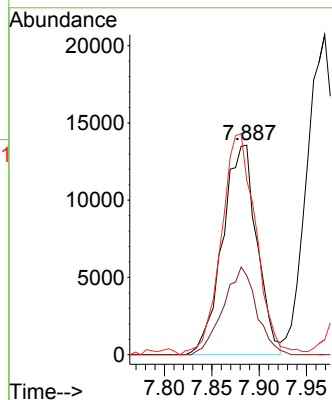
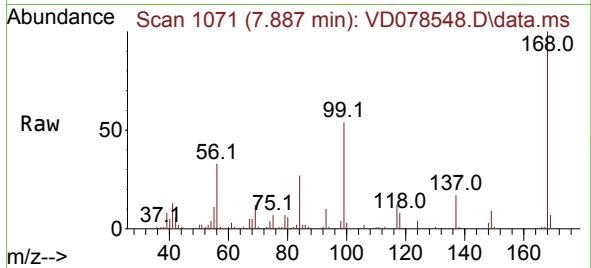




#31
Cyclohexane
Concen: 16.224 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

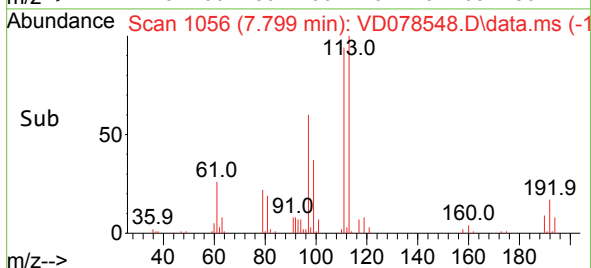
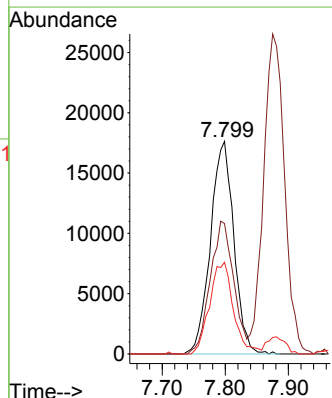
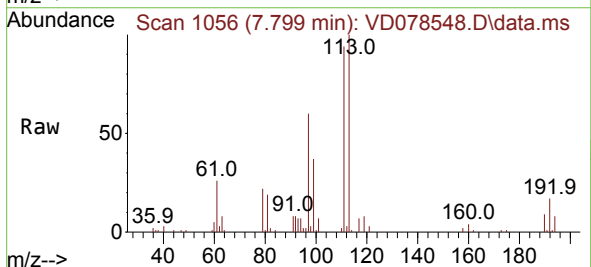
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBSD01

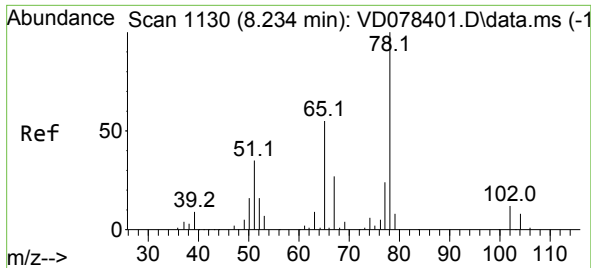
Tgt Ion: 56 Resp: 34299
Ion Ratio Lower Upper
56 100
69 37.7 28.6 43.0
84 83.2 84.8 127.2#



#32
1,1,1-Trichloroethane
Concen: 20.658 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion: 97 Resp: 45293
Ion Ratio Lower Upper
97 100
99 62.5 52.0 78.0
61 44.0 33.8 50.8

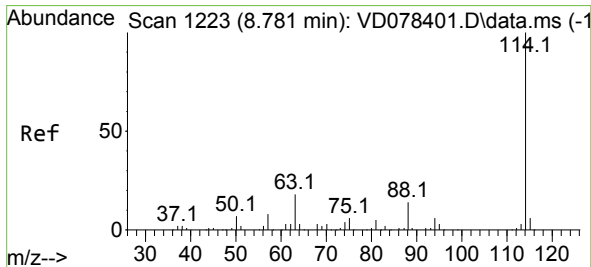
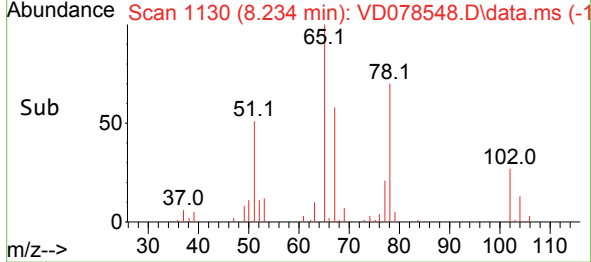
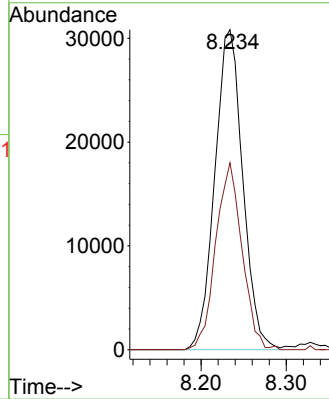
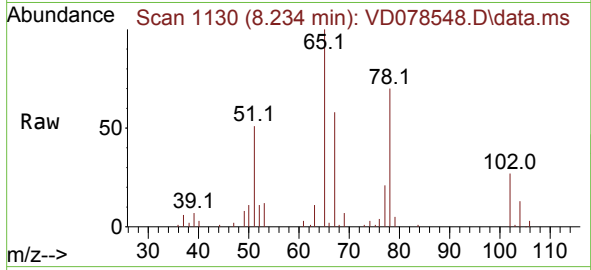




#33
 1,2-Dichloroethane-d4
 Concen: 56.235 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VD078548.D
 Acq: 26 Feb 2024 12:32

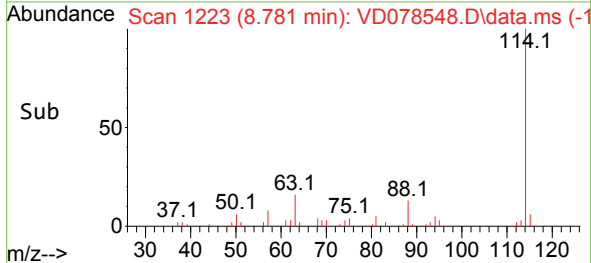
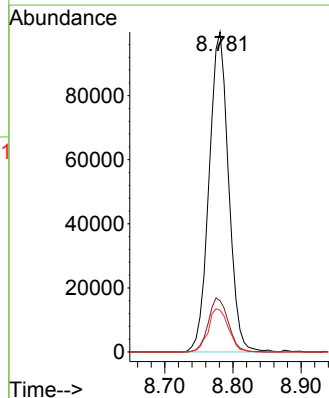
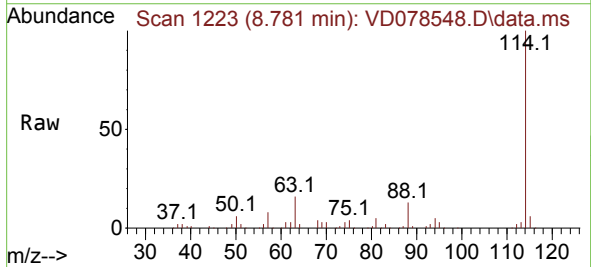
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0226SBSD01

Tgt Ion: 65 Resp: 70281
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.000 min
 Lab File: VD078548.D
 Acq: 26 Feb 2024 12:32

Tgt Ion: 114 Resp: 198722
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 33.4
 88 13.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 63.525 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VD0226SBS01

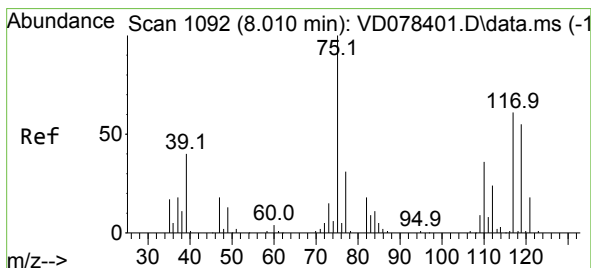
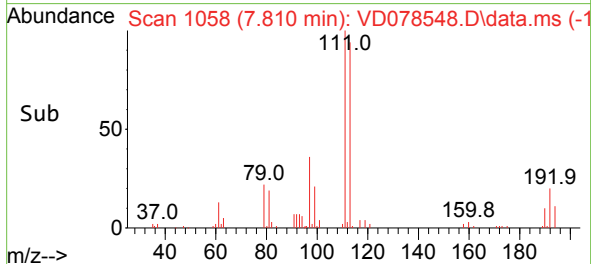
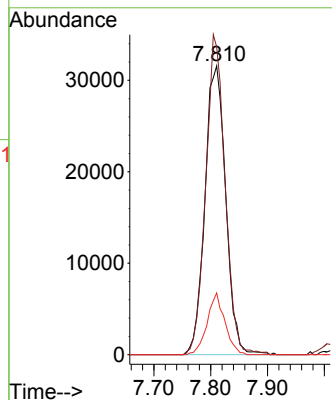
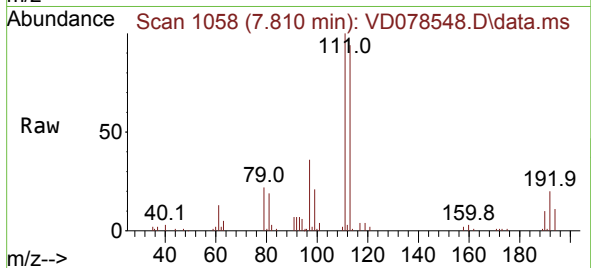
Tgt Ion:113 Resp: 80189

Ion Ratio Lower Upper

113 100

111 103.0 84.7 127.1

192 18.2 16.8 25.2



#36

1,1-Dichloropropene

Concen: 18.737 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

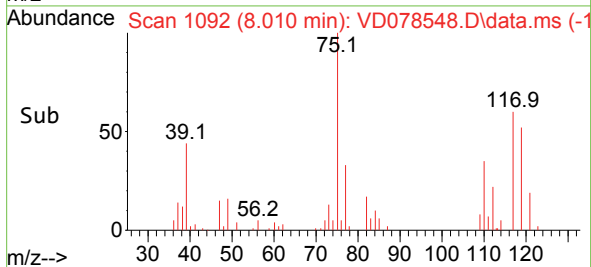
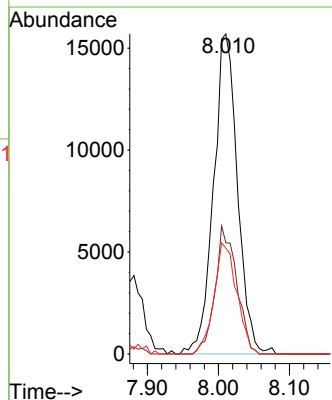
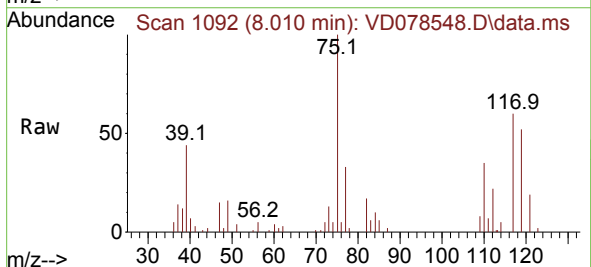
Tgt Ion: 75 Resp: 36744

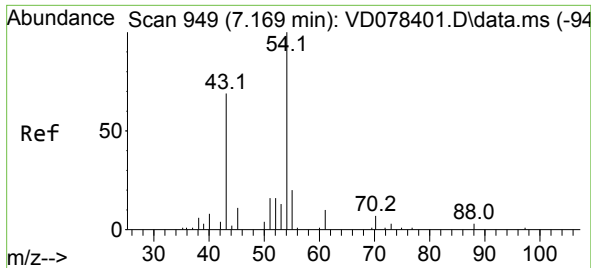
Ion Ratio Lower Upper

75 100

110 36.0 19.9 59.6

77 33.1 24.7 37.1

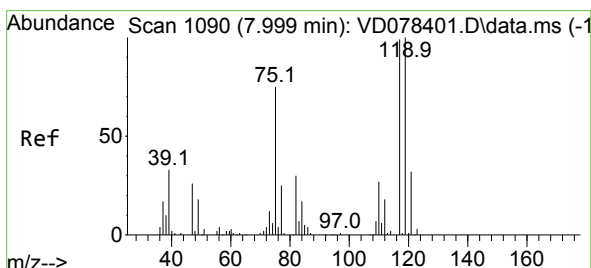
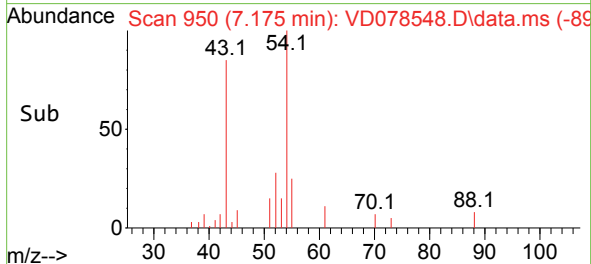
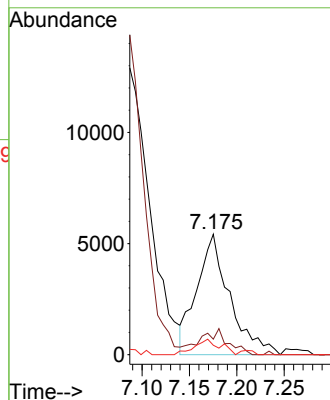
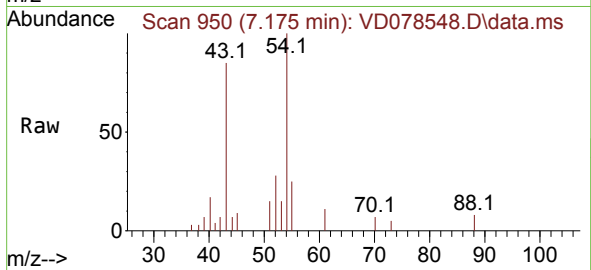




#37
Ethyl Acetate
Concen: 19.042 ug/l
RT: 7.175 min Scan# 910
Delta R.T. 0.006 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

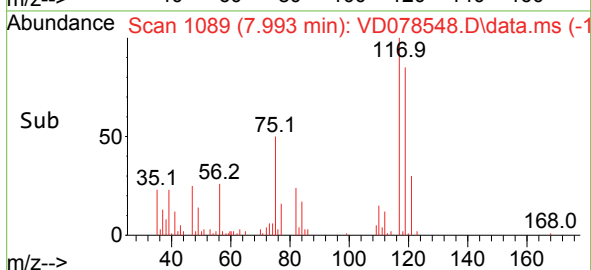
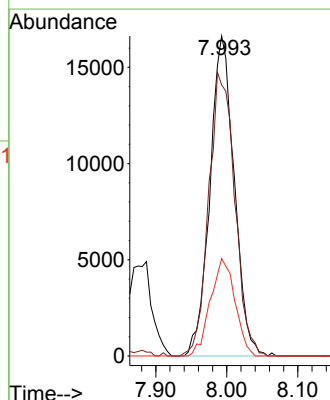
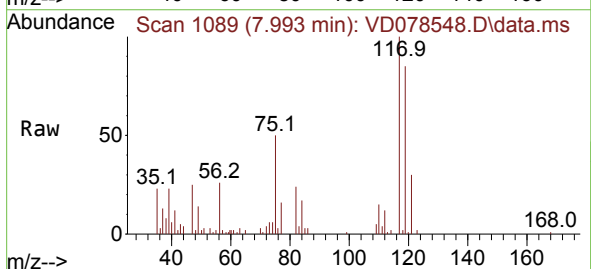
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBSD01

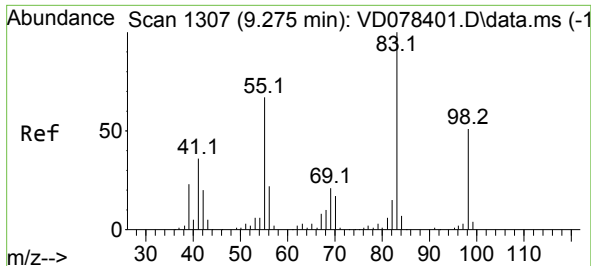
Tgt Ion: 43 Resp: 13090
Ion Ratio Lower Upper
43 100
61 18.5 14.9 22.3
70 9.9 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 20.375 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion: 117 Resp: 39568
Ion Ratio Lower Upper
117 100
119 84.7 78.0 117.0
121 30.5 24.2 36.2





#39

Methylcyclohexane

Concen: 16.450 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VD0226SBSD01

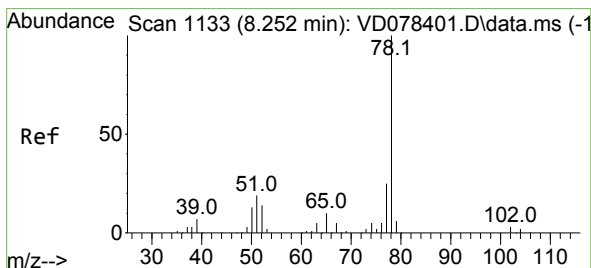
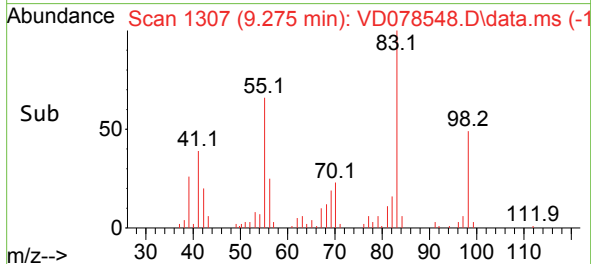
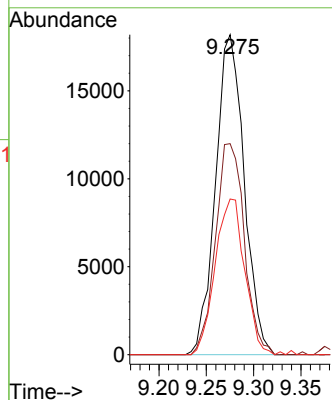
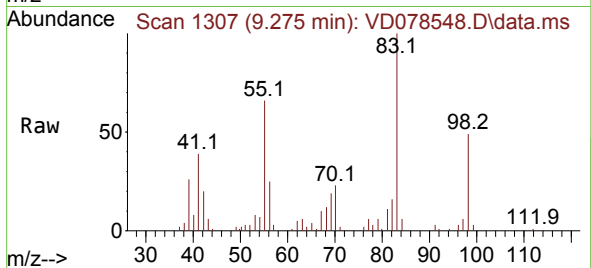
Tgt Ion: 83 Resp: 38295

Ion Ratio Lower Upper

83 100

55 66.0 49.4 74.0

98 48.7 38.4 57.6



#40

Benzene

Concen: 19.295 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078548.D

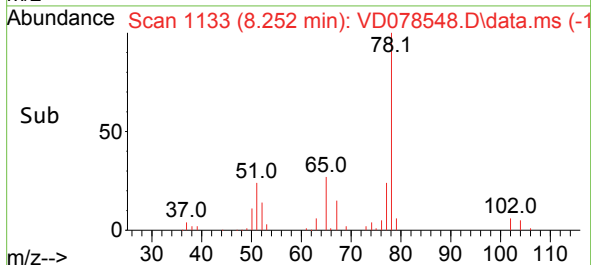
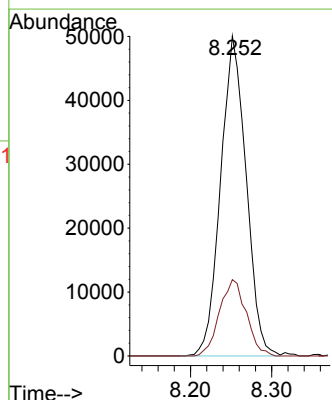
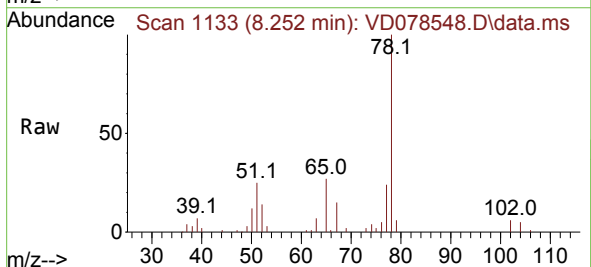
Acq: 26 Feb 2024 12:32

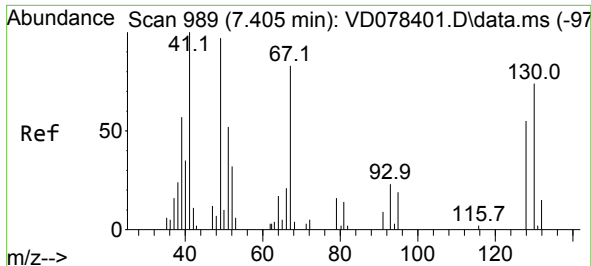
Tgt Ion: 78 Resp: 109368

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.0

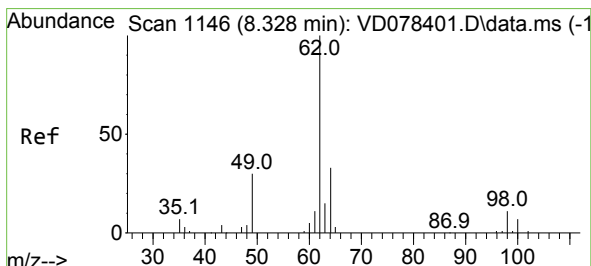
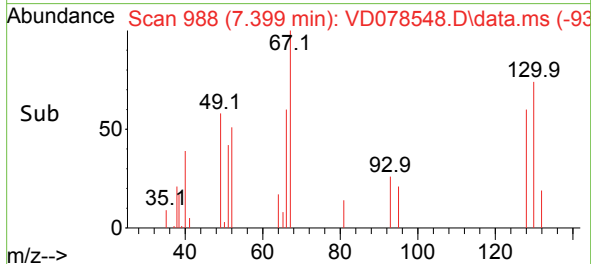
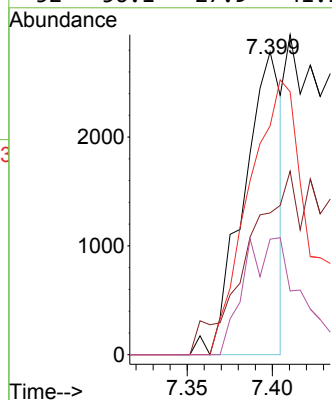
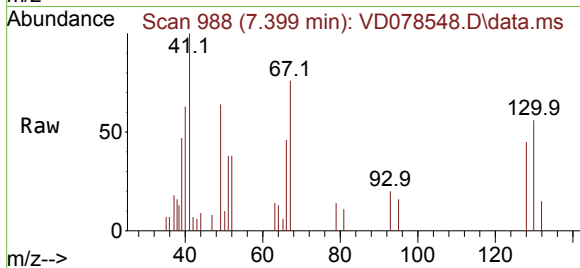




#41
Methacrylonitrile
Concen: 12.075 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.006 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

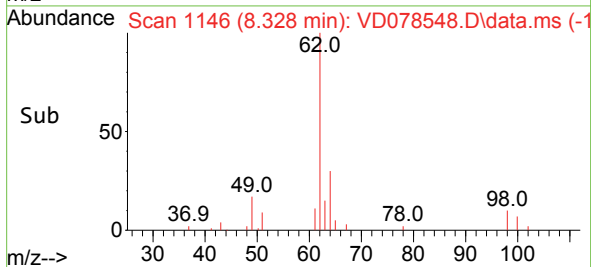
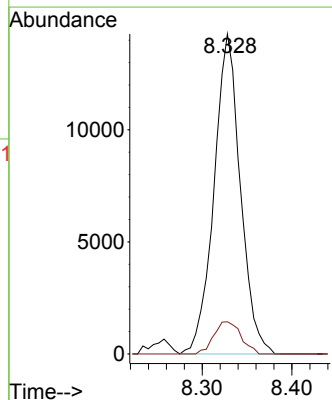
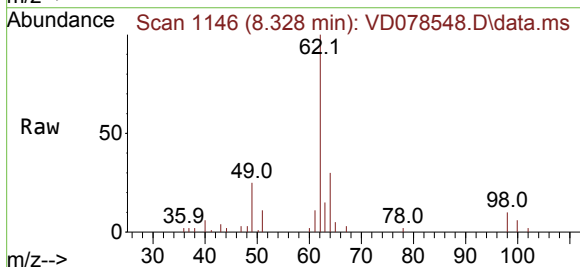
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBSD01

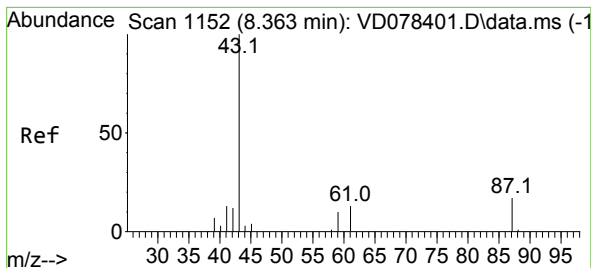
Tgt Ion: 41 Resp: 4320
Ion Ratio Lower Upper
41 100
39 81.4 34.0 51.0#
67 143.8 77.0 115.4#
52 56.1 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 19.859 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion: 62 Resp: 29125
Ion Ratio Lower Upper
62 100
98 10.4 0.0 25.4





#43

Isopropyl Acetate

Concen: 18.946 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VD0226SBS01

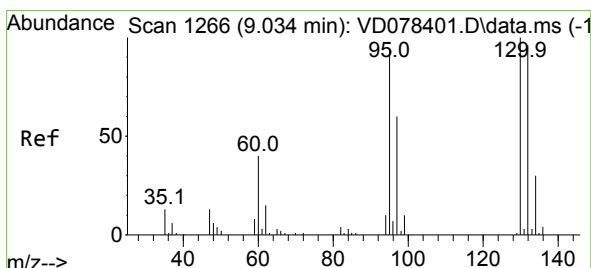
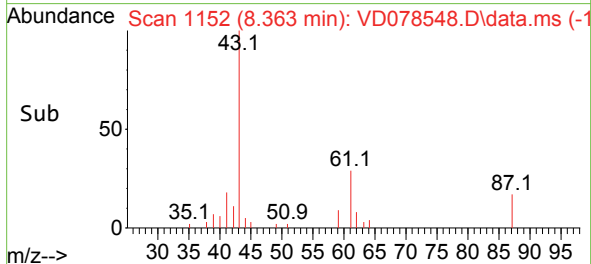
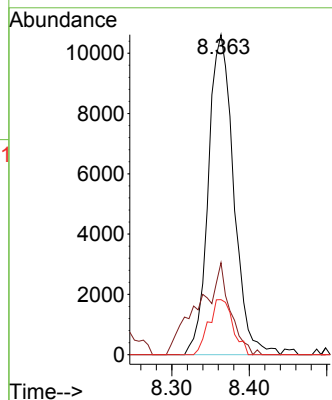
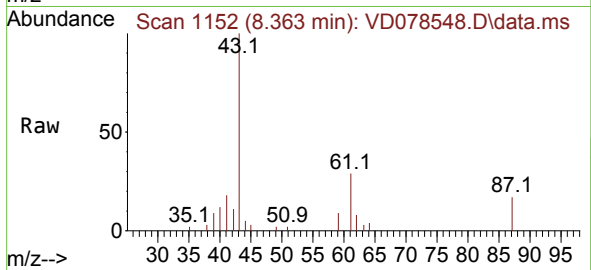
Tgt Ion: 43 Resp: 24117

Ion Ratio Lower Upper

43 100

61 35.9 31.4 47.0

87 16.4 14.9 22.3



#44

Trichloroethene

Concen: 20.660 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.006 min

Lab File: VD078548.D

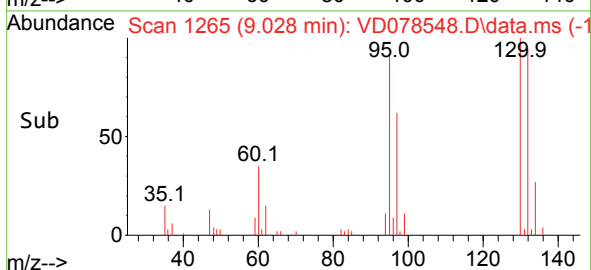
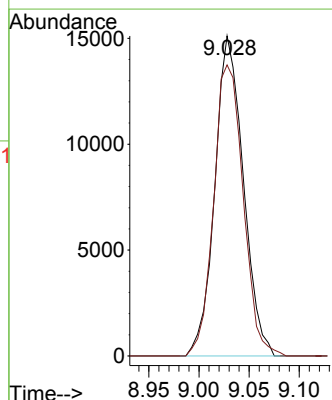
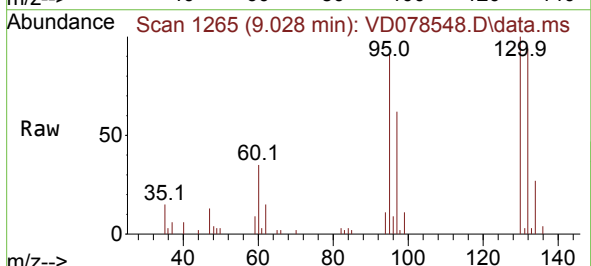
Acq: 26 Feb 2024 12:32

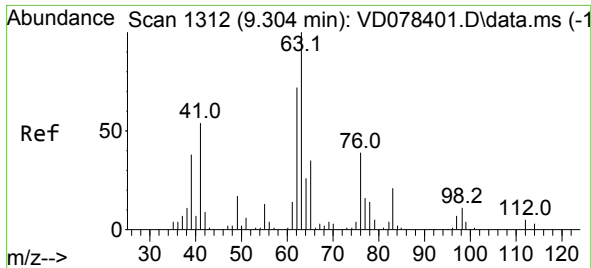
Tgt Ion:130 Resp: 29875

Ion Ratio Lower Upper

130 100

95 90.9 0.0 179.2

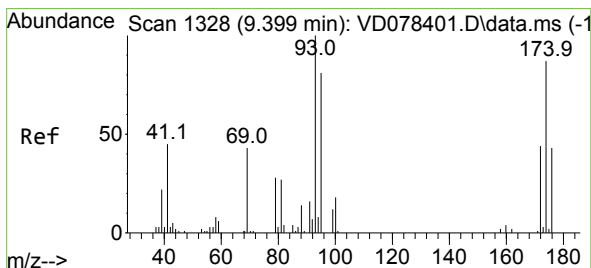
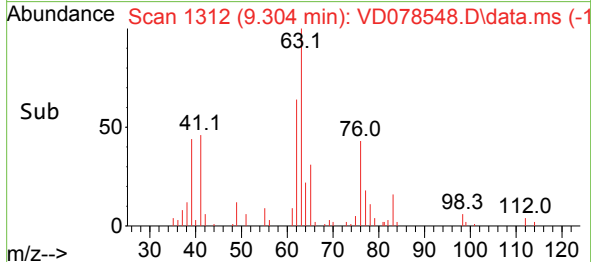
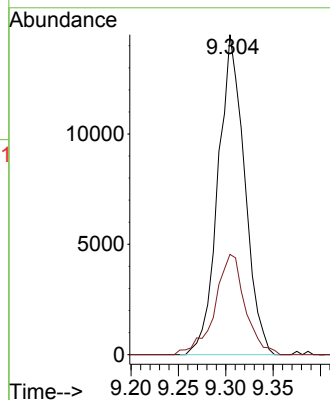
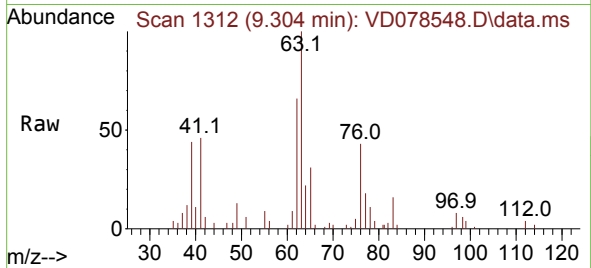




#45
1,2-Dichloropropane
Concen: 20.288 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

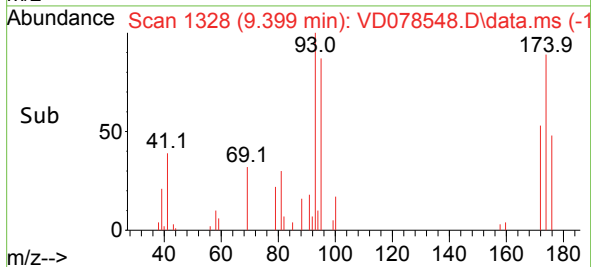
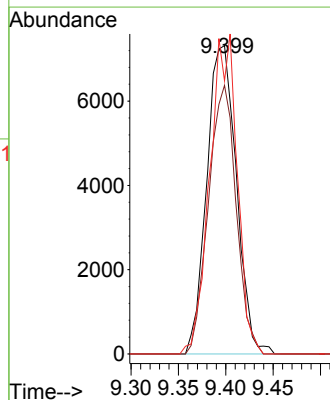
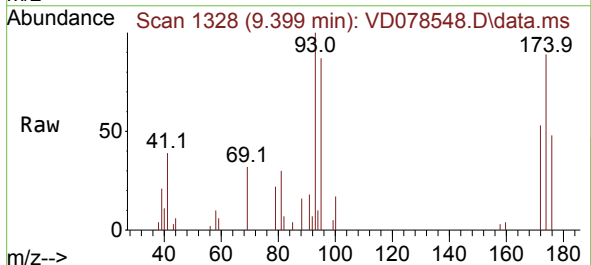
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBS01

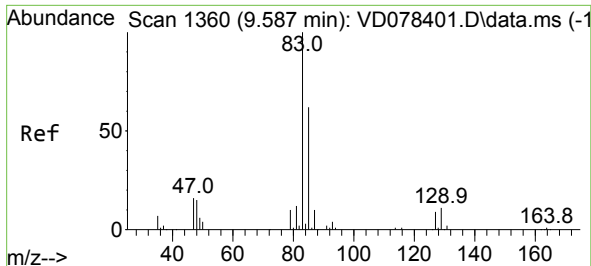
Tgt Ion: 63 Resp: 28215
Ion Ratio Lower Upper
63 100
65 31.3 24.5 36.7



#46
Dibromomethane
Concen: 20.368 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion: 93 Resp: 15932
Ion Ratio Lower Upper
93 100
95 81.5 67.7 101.5
174 95.6 85.4 128.2

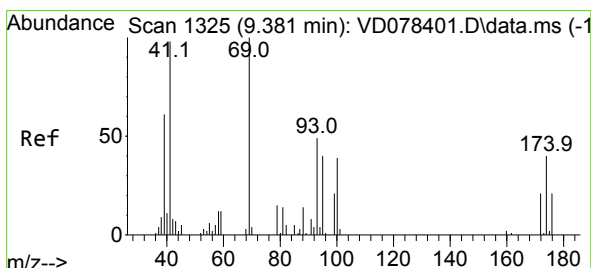
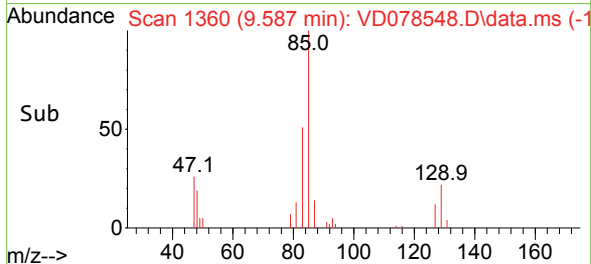
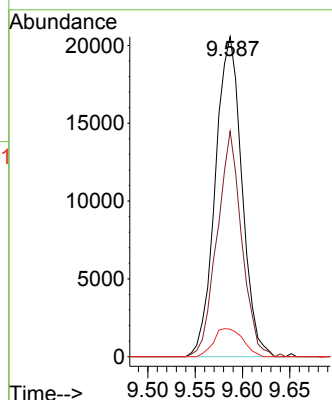
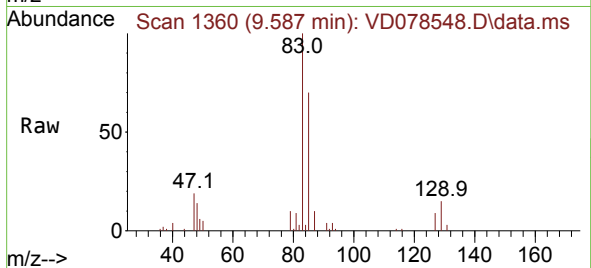




#47
Bromodichloromethane
Concen: 20.700 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

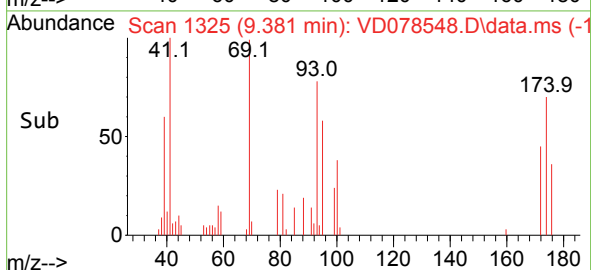
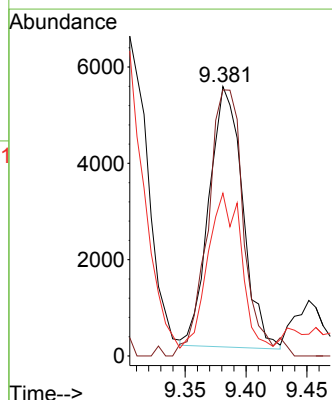
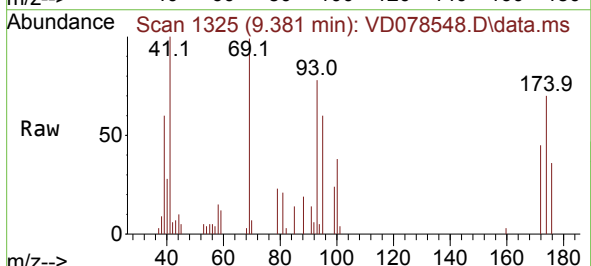
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBS01

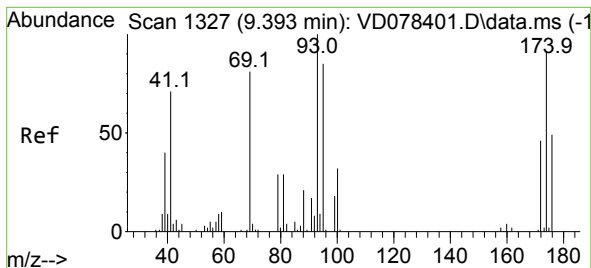
Tgt Ion: 83 Resp: 40105
Ion Ratio Lower Upper
83 100
85 70.5 50.2 75.4
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 15.366 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion: 41 Resp: 10377
Ion Ratio Lower Upper
41 100
69 109.1 102.2 153.2
39 58.7 41.4 62.2





#49

1,4-Dioxane

Concen: 394.514 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VD0226SBS01

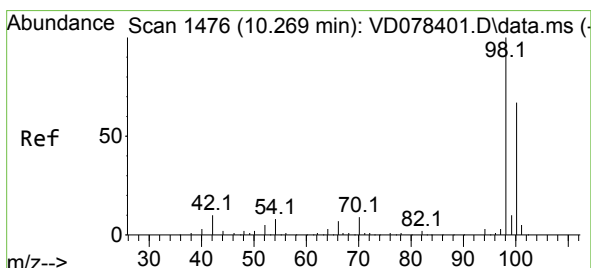
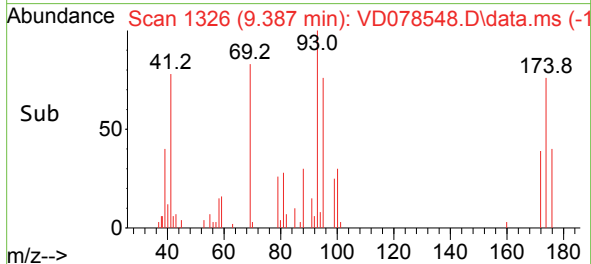
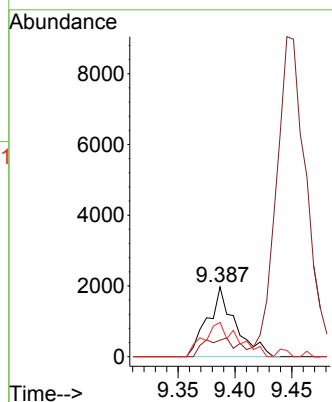
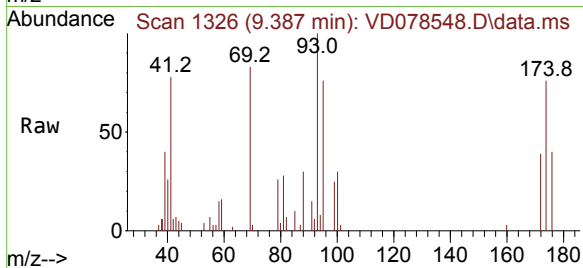
Tgt Ion: 88 Resp: 3342

Ion Ratio Lower Upper

88 100

43 31.7 19.0 28.6#

58 60.2 43.5 65.3



#50

Toluene-d8

Concen: 60.450 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078548.D

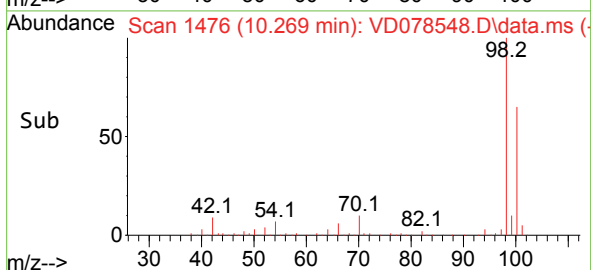
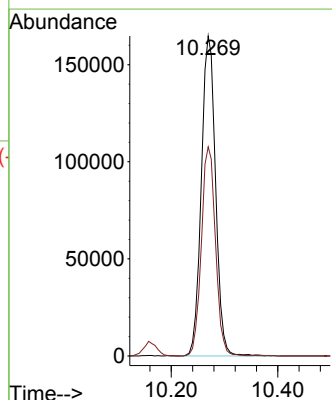
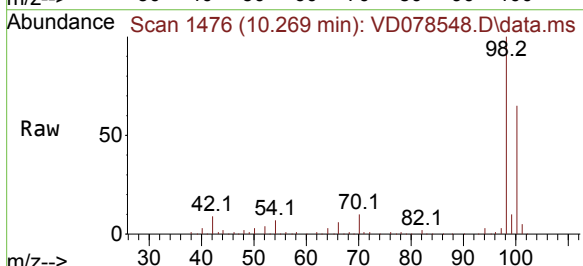
Acq: 26 Feb 2024 12:32

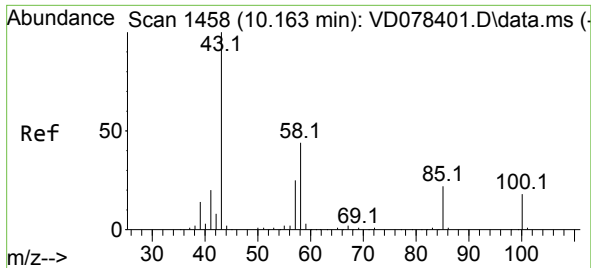
Tgt Ion: 98 Resp: 305248

Ion Ratio Lower Upper

98 100

100 64.8 50.3 75.5

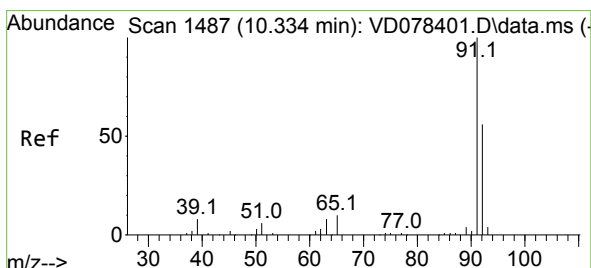
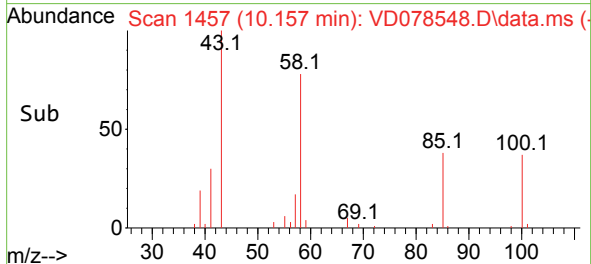
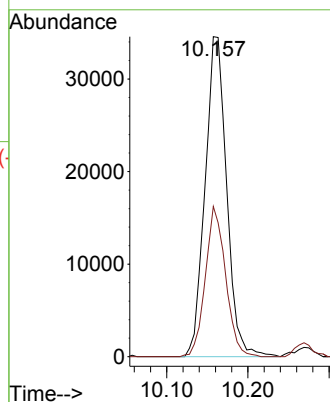
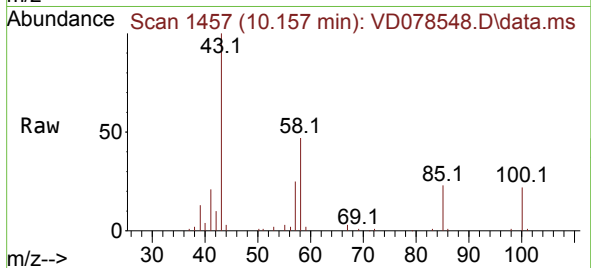




#51
4-Methyl-2-Pentanone
Concen: 94.600 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

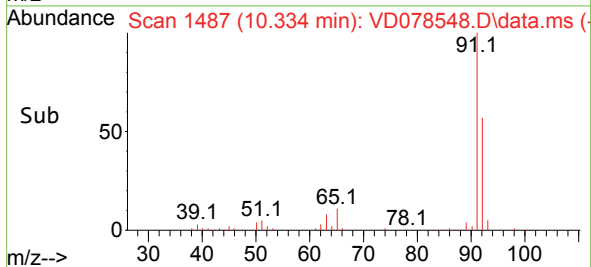
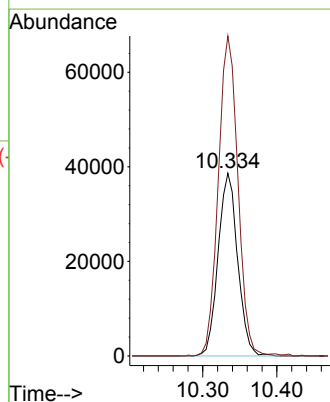
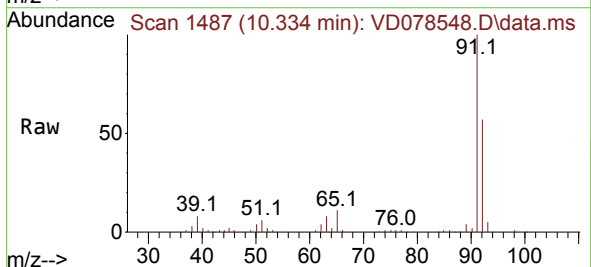
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBSD01

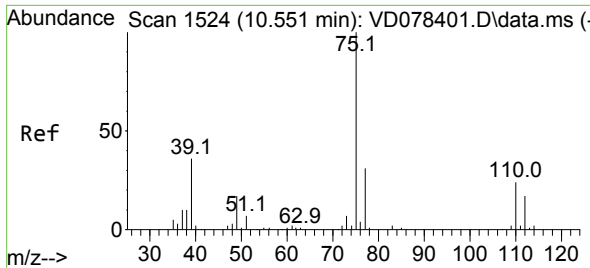
Tgt Ion: 43 Resp: 63912
Ion Ratio Lower Upper
43 100
58 44.0 38.9 58.3



#52
Toluene
Concen: 19.710 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion: 92 Resp: 70649
Ion Ratio Lower Upper
92 100
91 176.6 143.0 214.4

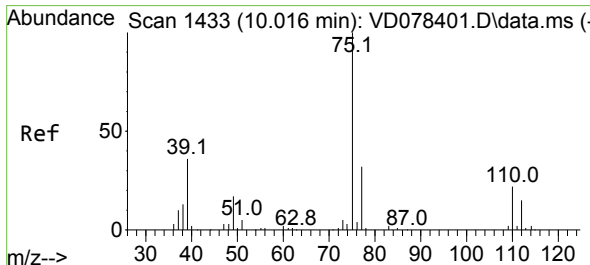
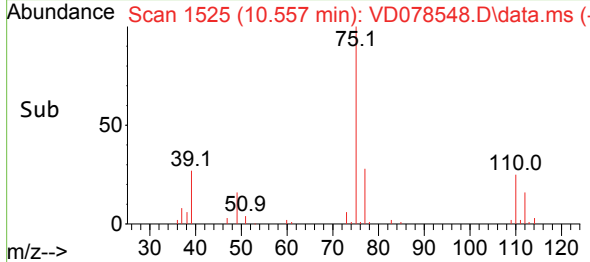
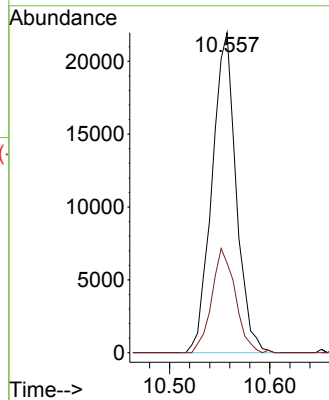
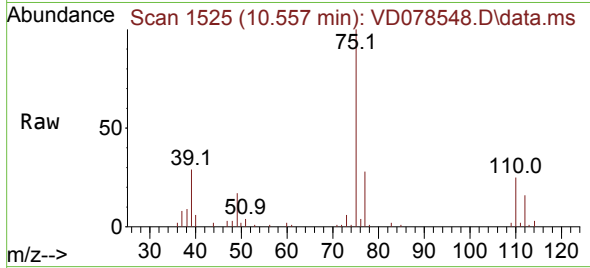




#53
 t-1,3-Dichloropropene
 Concen: 20.792 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD078548.D
 Acq: 26 Feb 2024 12:32

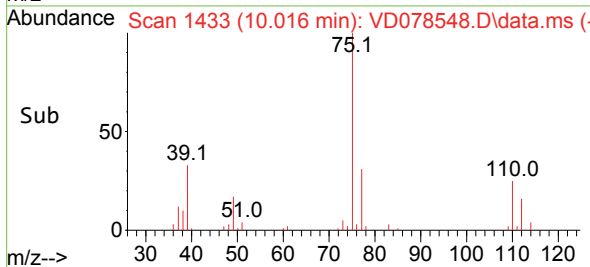
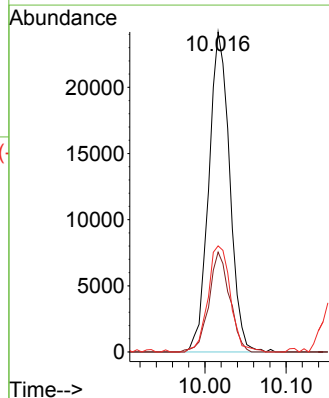
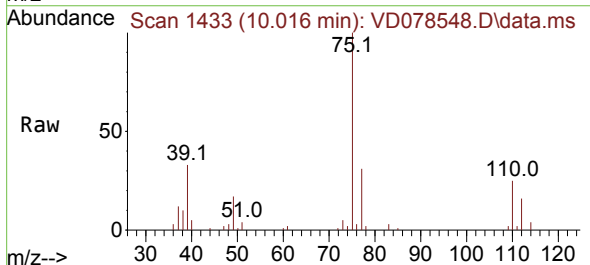
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0226SBS01

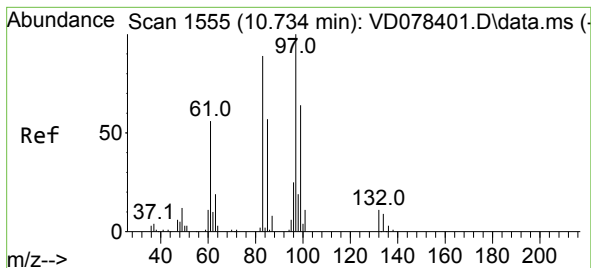
Tgt Ion: 75 Resp: 36757
 Ion Ratio Lower Upper
 75 100
 77 28.0 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.162 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078548.D
 Acq: 26 Feb 2024 12:32

Tgt Ion: 75 Resp: 43221
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3
 39 33.1 22.1 33.1#

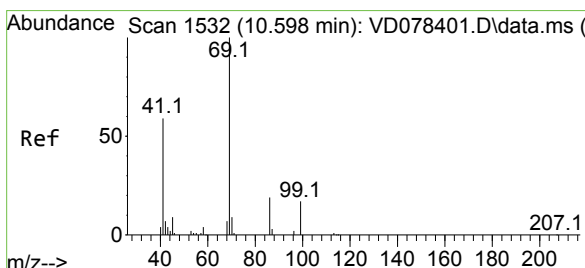
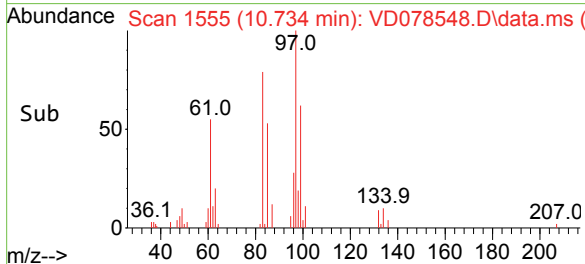
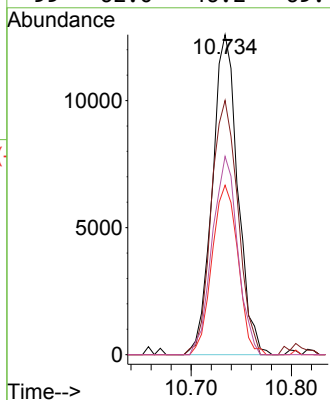
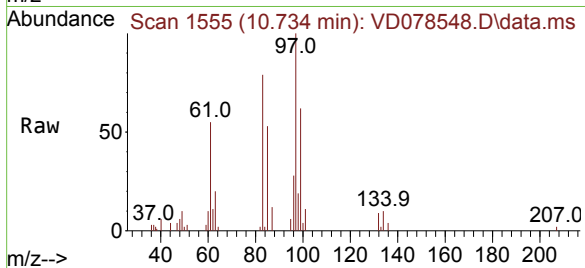




#55
1,1,2-Trichloroethane
Concen: 21.099 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

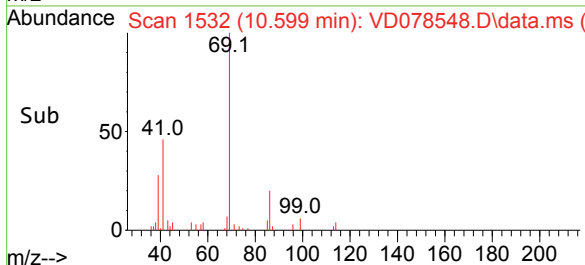
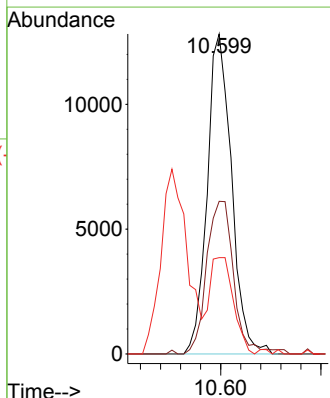
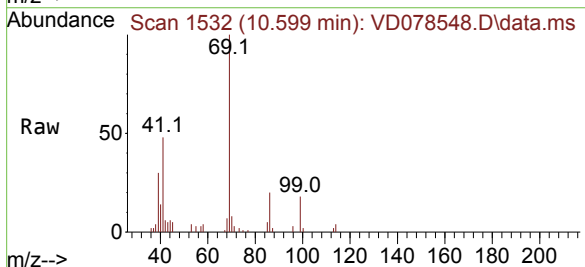
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBS01

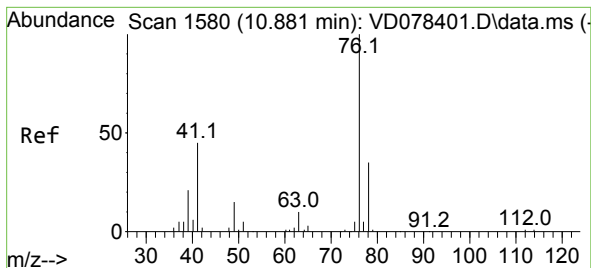
Tgt Ion: 97	Resp: 22226
Ion Ratio	Lower Upper
97 100	
83 79.4	65.8 98.6
85 52.9	45.7 68.5
99 62.0	46.2 69.4



#56
Ethyl methacrylate
Concen: 22.145 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion: 69	Resp: 21575
Ion Ratio	Lower Upper
69 100	
41 53.2	39.1 58.7
39 29.8	20.0 30.0





#57

1,3-Dichloropropane

Concen: 19.799 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

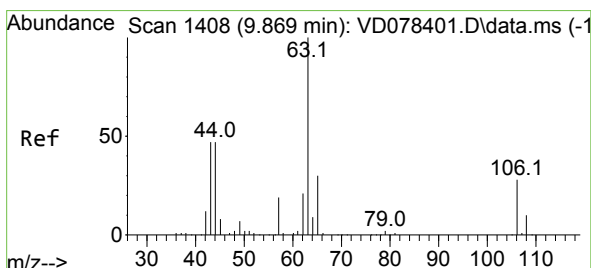
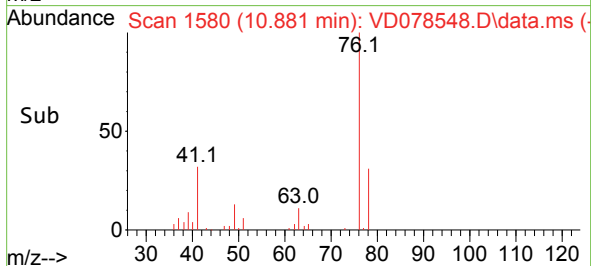
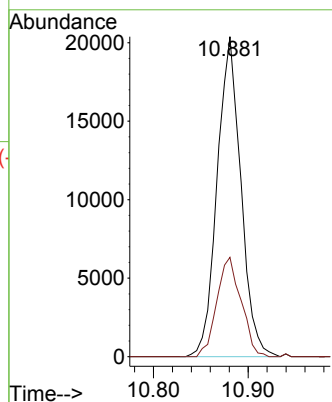
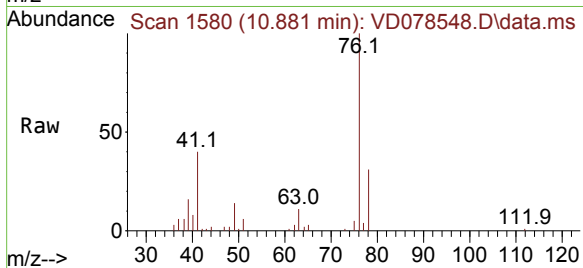
VD0226SBS01

Tgt Ion: 76 Resp: 35478

Ion Ratio Lower Upper

76 100

78 31.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 100.730 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078548.D

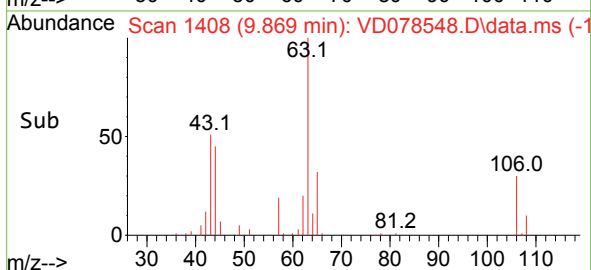
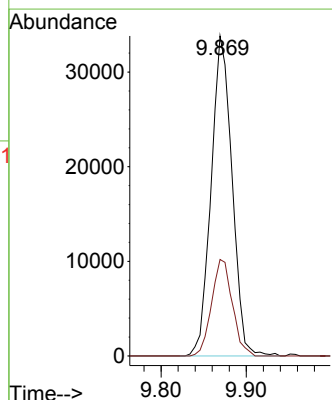
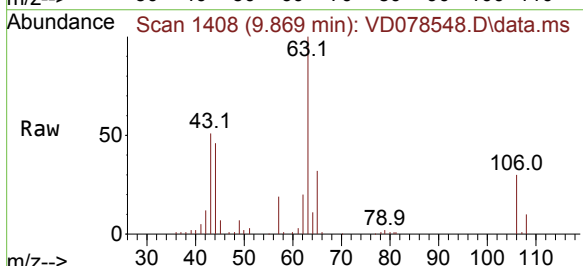
Acq: 26 Feb 2024 12:32

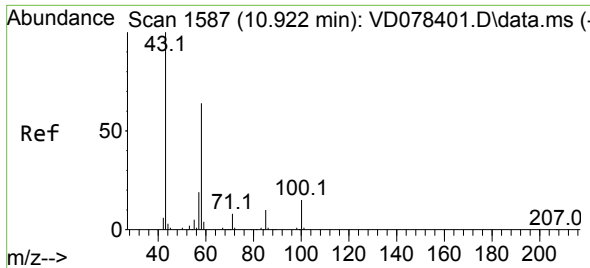
Tgt Ion: 63 Resp: 57807

Ion Ratio Lower Upper

63 100

106 29.9 25.3 37.9

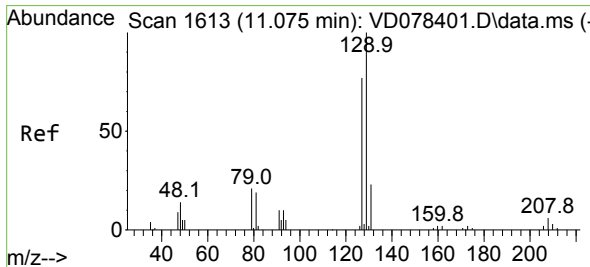
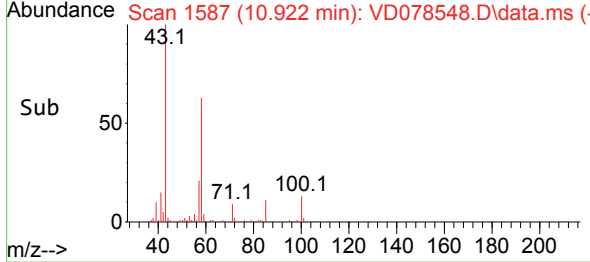
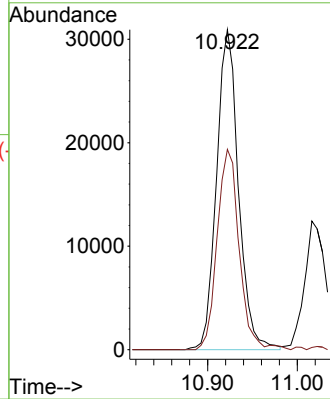
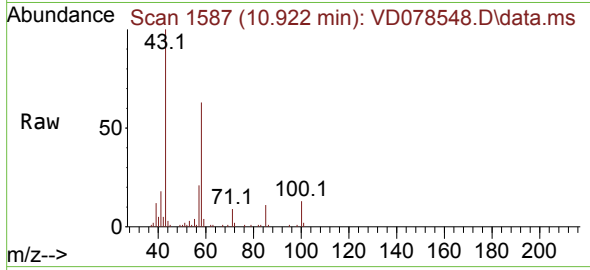




#59
2-Hexanone
Concen: 103.318 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

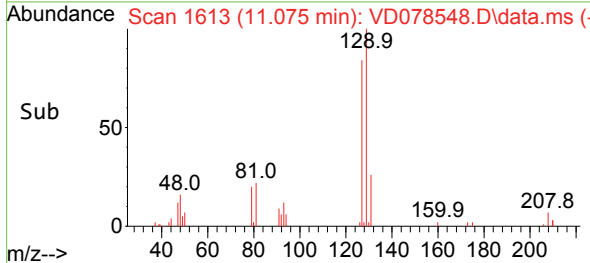
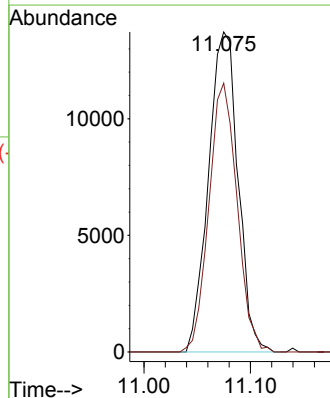
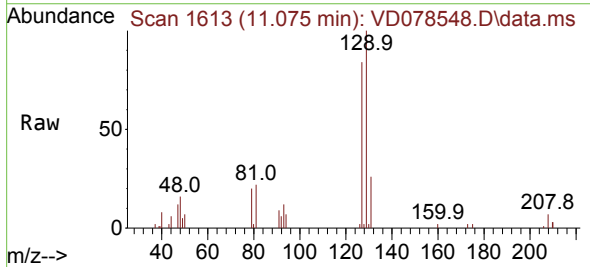
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBSD01

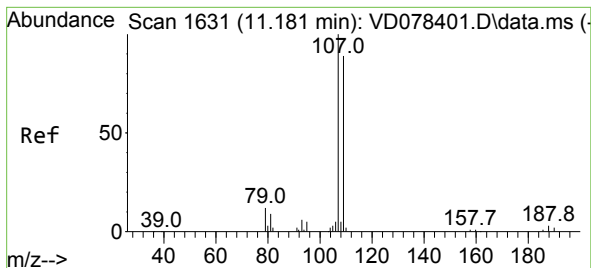
Tgt Ion: 43 Resp: 52457
Ion Ratio Lower Upper
43 100
58 62.8 34.1 102.2



#60
Dibromochloromethane
Concen: 20.900 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion: 129 Resp: 26490
Ion Ratio Lower Upper
129 100
127 79.8 37.1 111.5





#61

1,2-Dibromoethane

Concen: 20.511 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

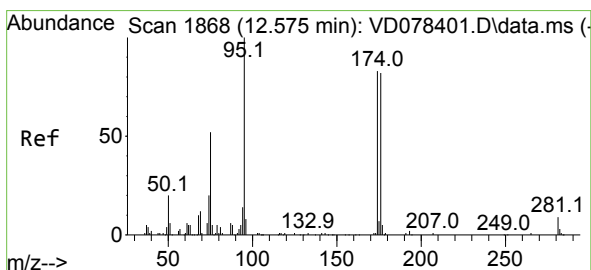
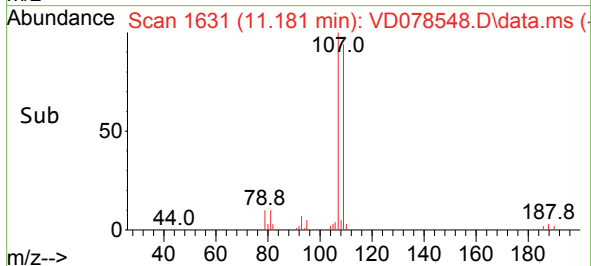
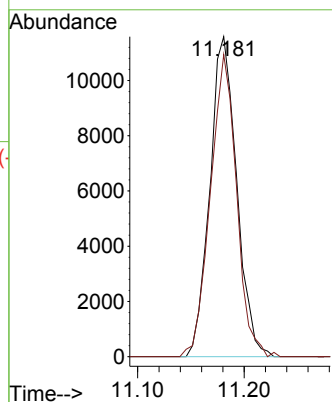
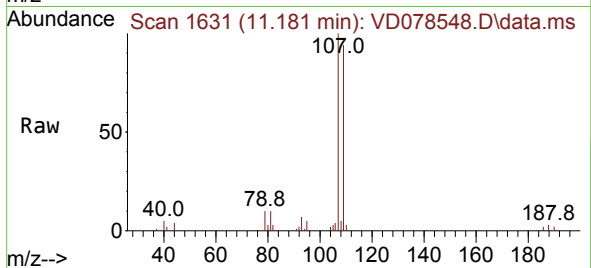
VD0226SBS01

Tgt Ion:107 Resp: 20284

Ion Ratio Lower Upper

107 100

109 91.8 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 57.784 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

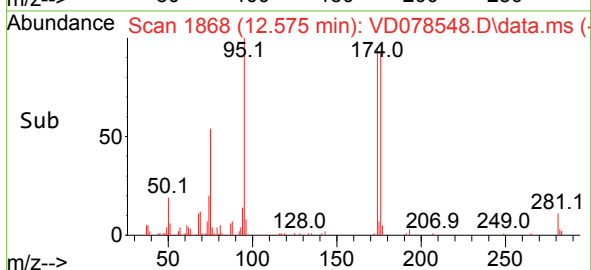
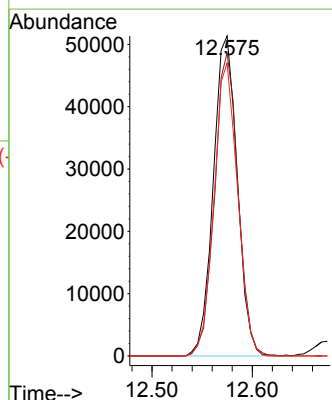
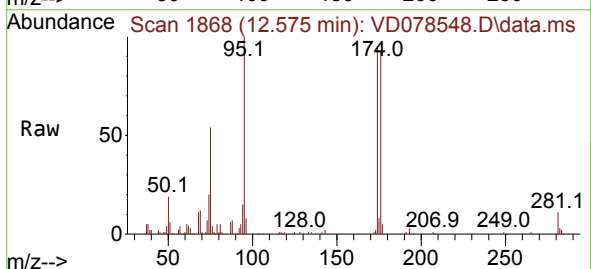
Tgt Ion: 95 Resp: 84911

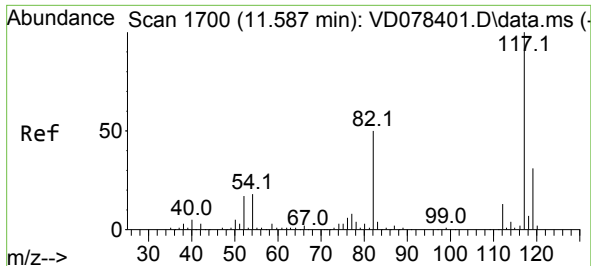
Ion Ratio Lower Upper

95 100

174 93.2 0.0 201.8

176 90.3 0.0 191.8

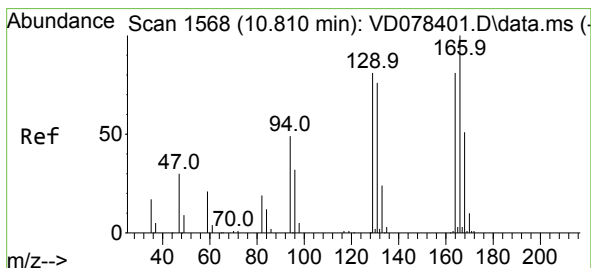
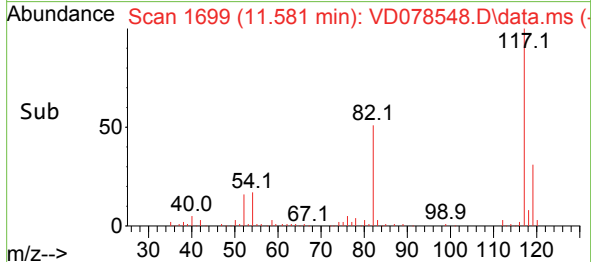
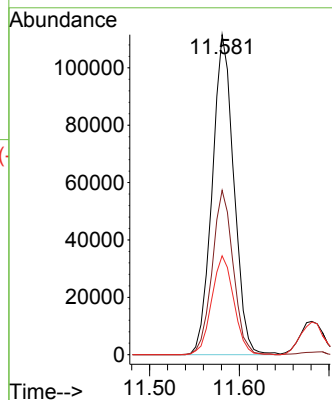
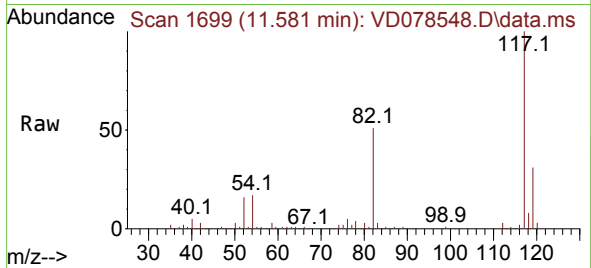




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

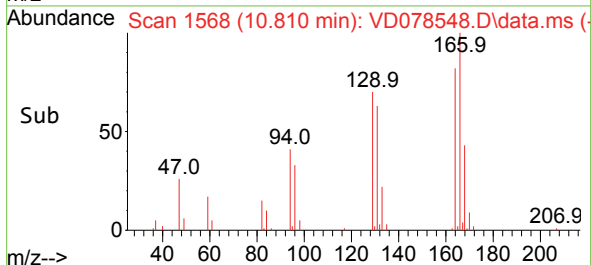
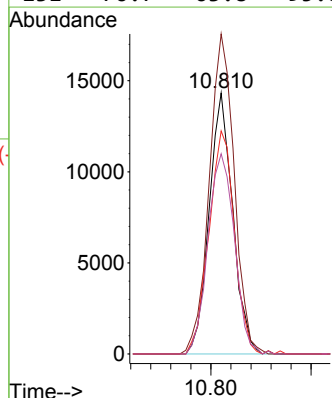
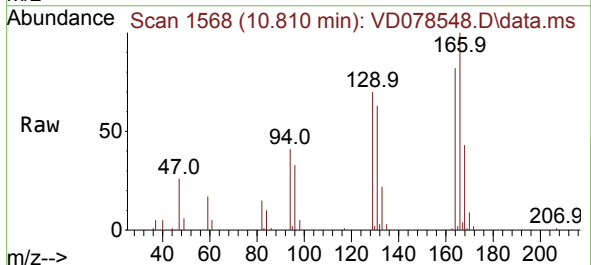
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBSD01

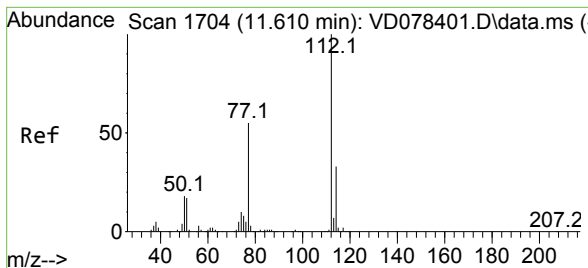
Tgt Ion:117 Resp: 186768
Ion Ratio Lower Upper
117 100
82 51.4 38.3 57.5
119 30.9 25.0 37.4



#64
Tetrachloroethene
Concen: 19.891 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion:164 Resp: 23465
Ion Ratio Lower Upper
164 100
166 122.6 99.2 148.8
129 85.5 68.4 102.6
131 76.7 63.8 95.8

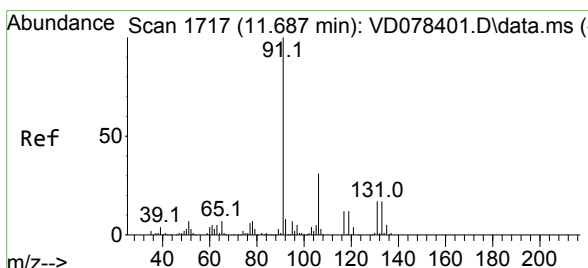
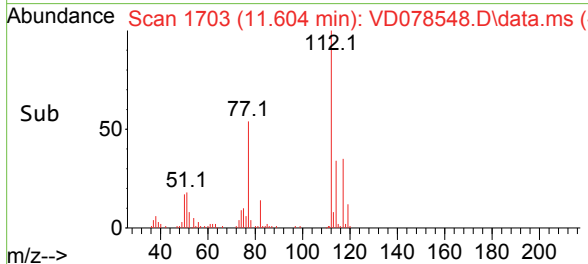
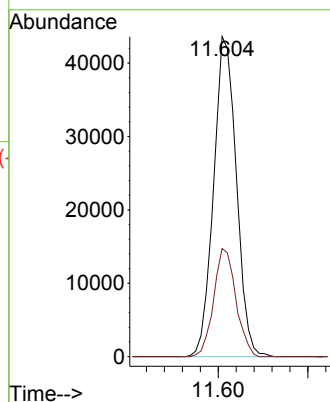
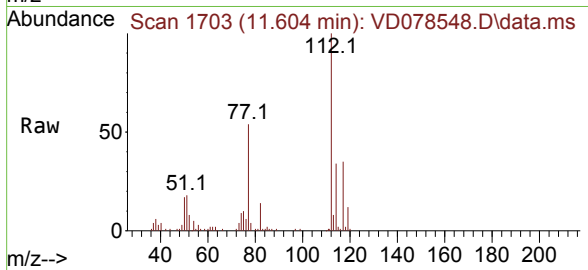




#65
Chlorobenzene
Concen: 20.441 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

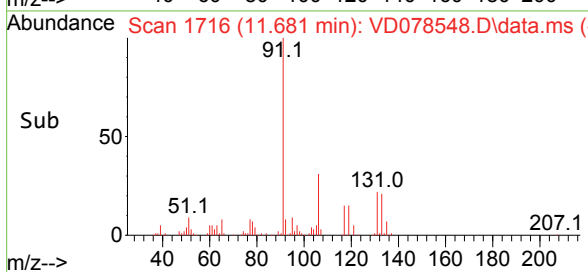
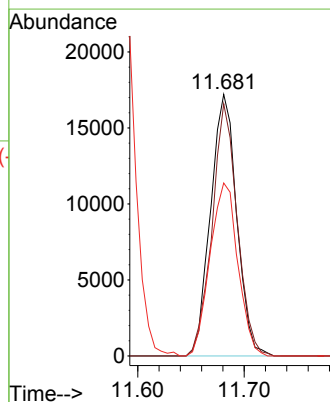
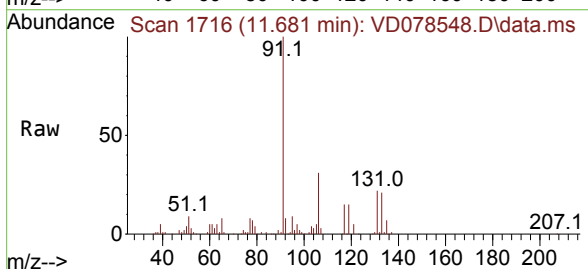
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBSD01

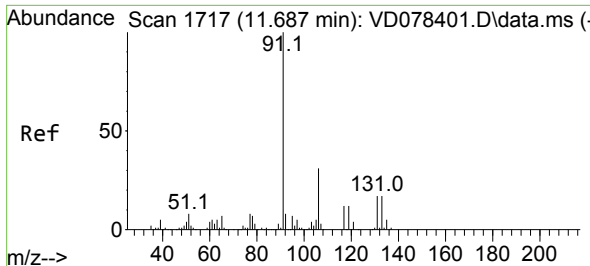
Tgt Ion:112 Resp: 76750
Ion Ratio Lower Upper
112 100
114 33.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 21.254 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion:131 Resp: 29328
Ion Ratio Lower Upper
131 100
133 92.7 48.5 145.5
119 70.3 35.6 106.9





#67

Ethyl Benzene

Concen: 19.272 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

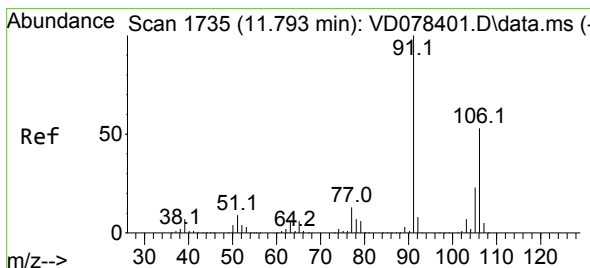
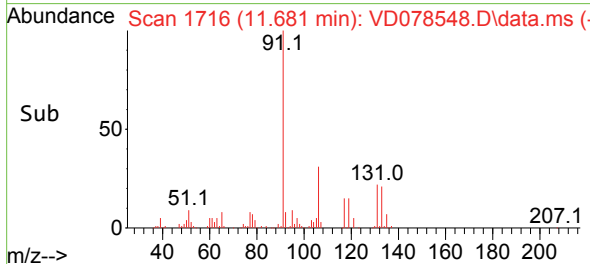
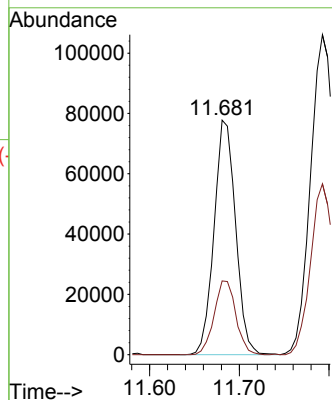
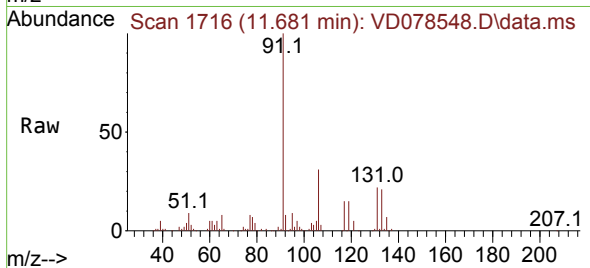
VD0226SBS01

Tgt Ion: 91 Resp: 129656

Ion Ratio Lower Upper

91 100

106 31.5 26.5 39.7



#68

m/p-Xylenes

Concen: 40.329 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078548.D

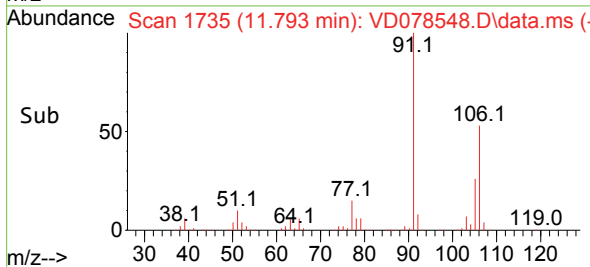
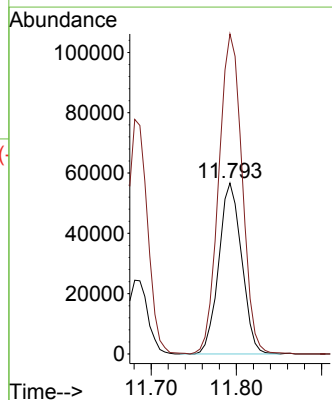
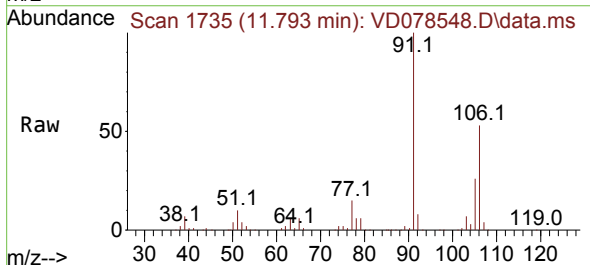
Acq: 26 Feb 2024 12:32

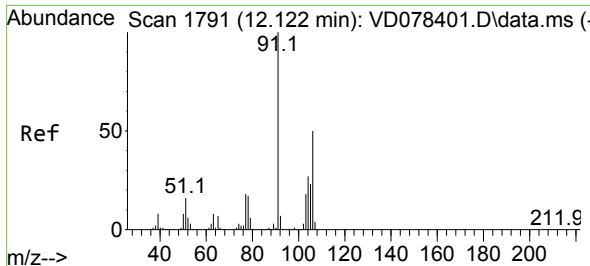
Tgt Ion:106 Resp: 105832

Ion Ratio Lower Upper

106 100

91 191.6 147.0 220.6

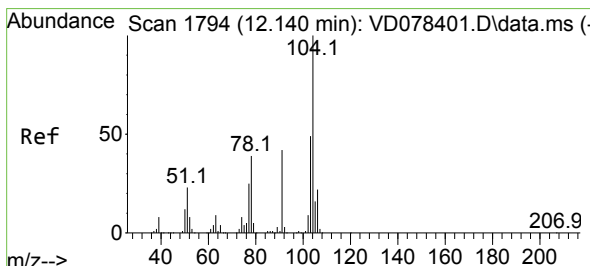
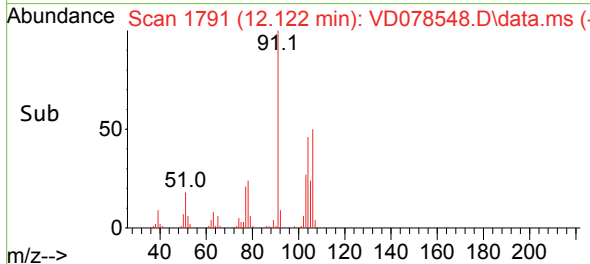
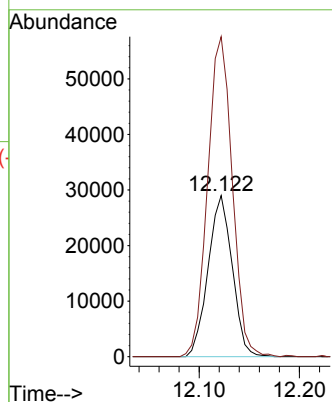
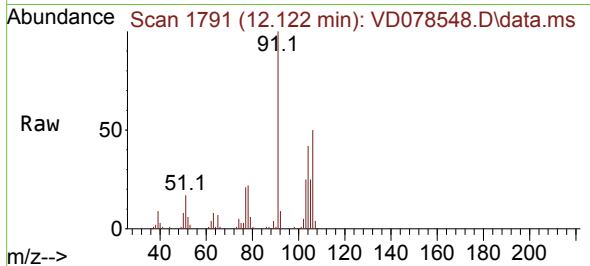




#69
o-Xylene
Concen: 20.270 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

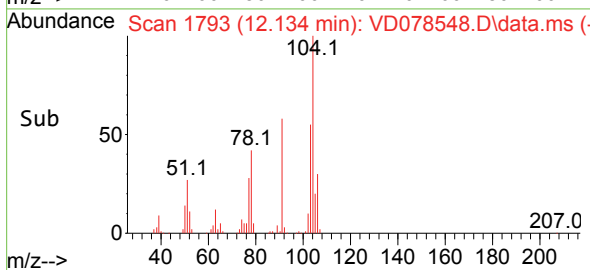
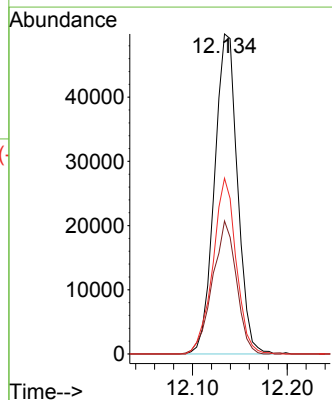
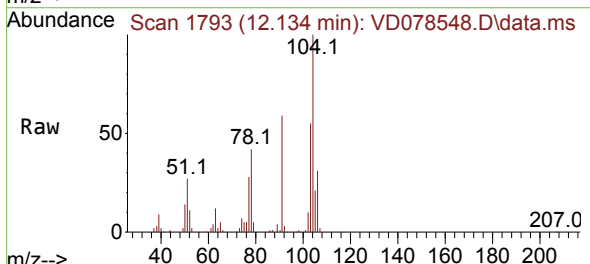
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBS01

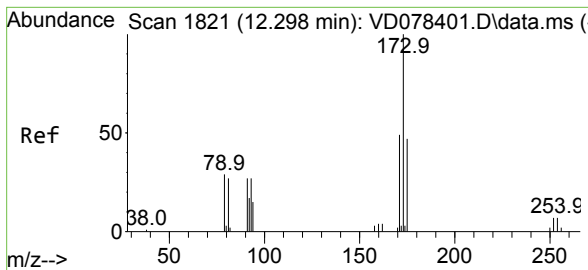
Tgt Ion:106 Resp: 48541
Ion Ratio Lower Upper
106 100
91 202.3 97.9 293.6



#70
Styrene
Concen: 21.546 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion:104 Resp: 84208
Ion Ratio Lower Upper
104 100
78 43.1 33.2 49.8
103 55.4 43.6 65.4

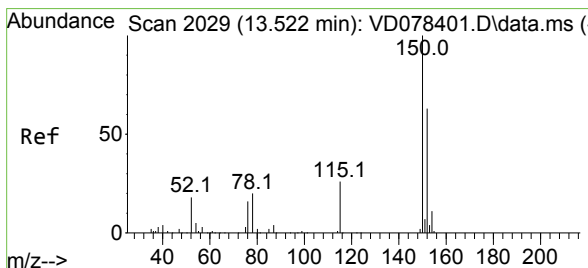
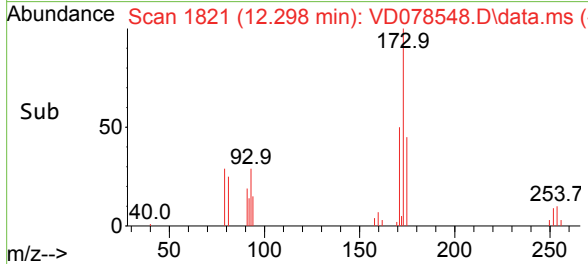
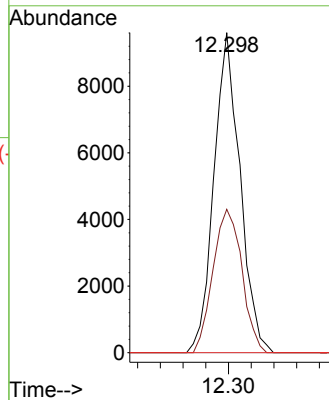
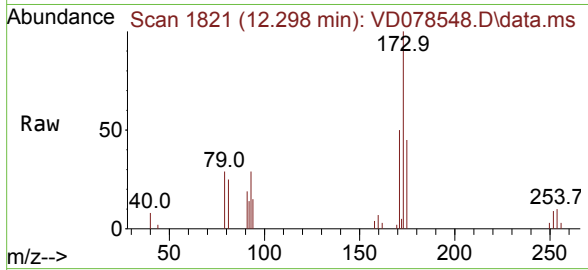




#71
Bromoform
Concen: 21.077 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

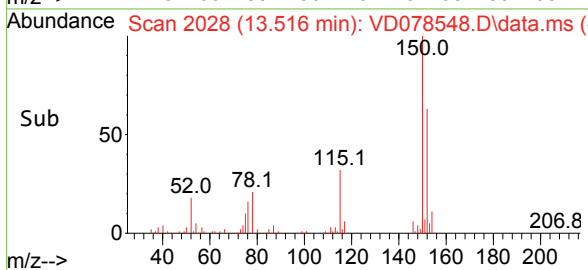
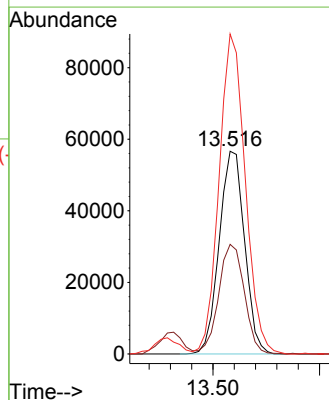
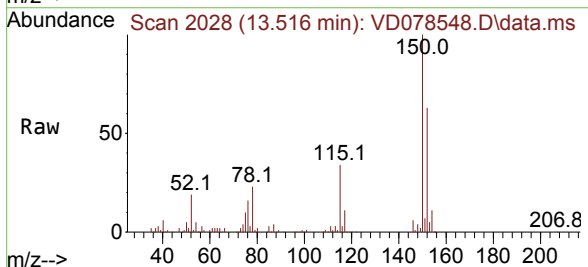
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBSD01

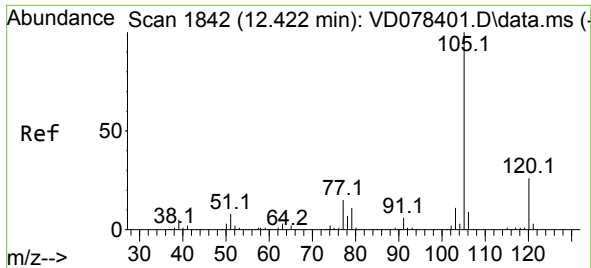
Tgt Ion:	173	Resp:	15308
Ion Ratio	Lower	Upper	
173	100		
175	49.6	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion:	152	Resp:	93571
Ion Ratio	Lower	Upper	
152	100		
115	54.8	27.1	81.3
150	163.0	0.0	353.6

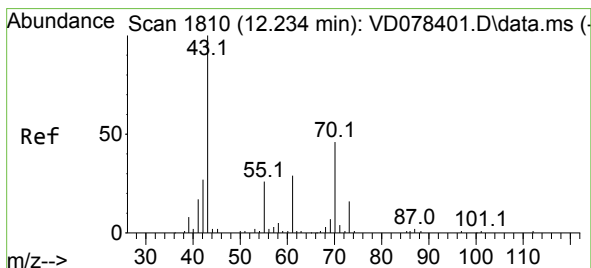
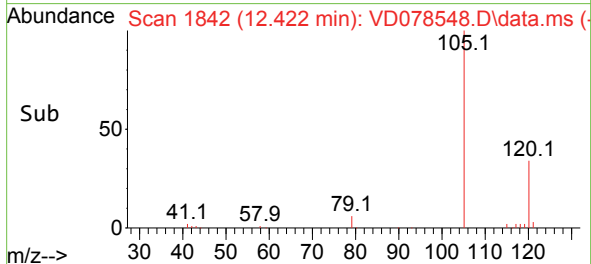
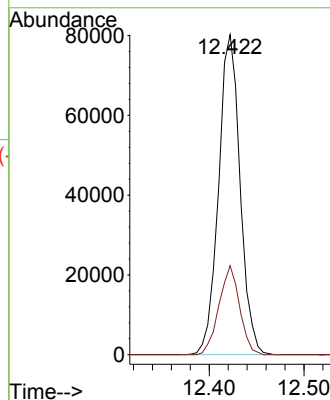
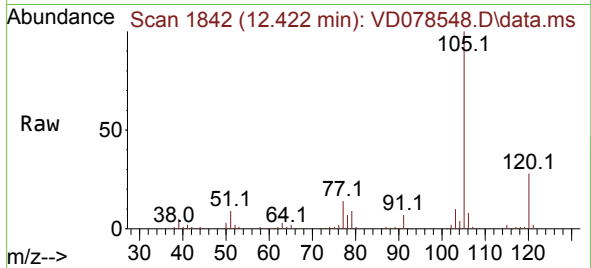




#73
Isopropylbenzene
Concen: 20.154 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

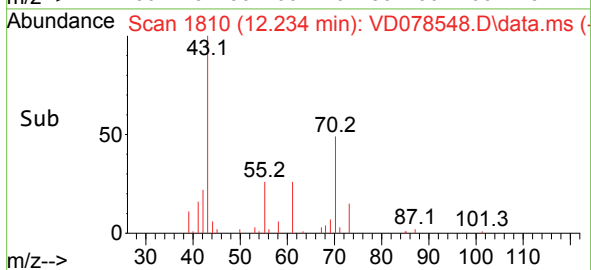
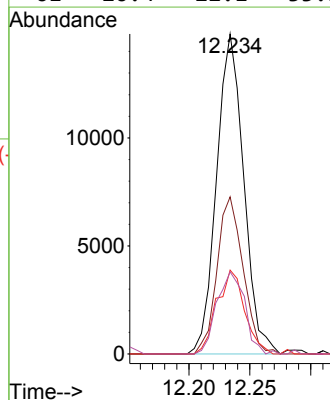
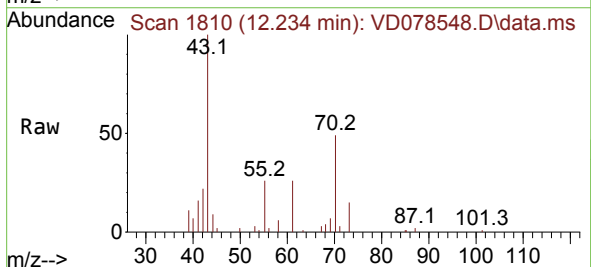
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBSD01

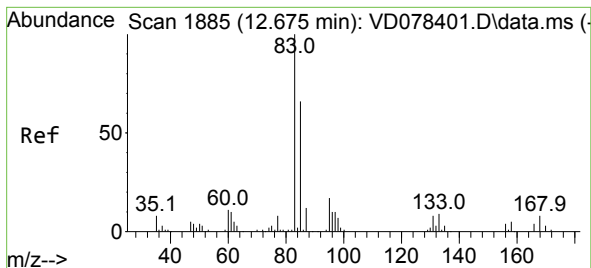
Tgt Ion:105 Resp: 126633
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9



#74
N-ethyl acetate
Concen: 19.335 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion: 43 Resp: 22983
Ion Ratio Lower Upper
43 100
70 47.1 45.0 67.4
55 26.9 23.8 35.6
61 26.4 22.1 33.1

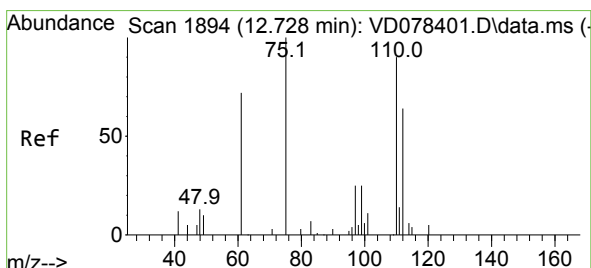
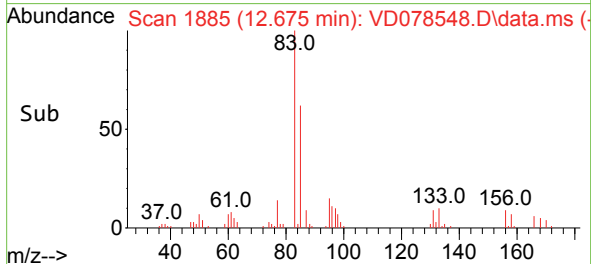
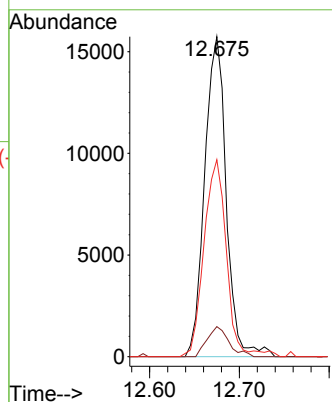
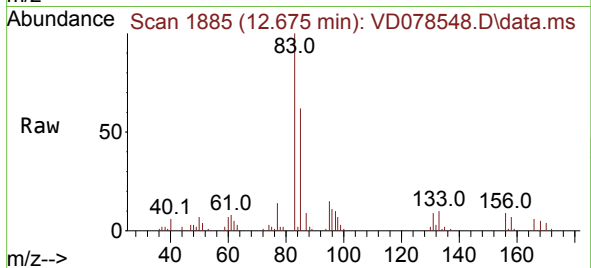




#75
1,1,2,2-Tetrachloroethane
Concen: 21.080 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

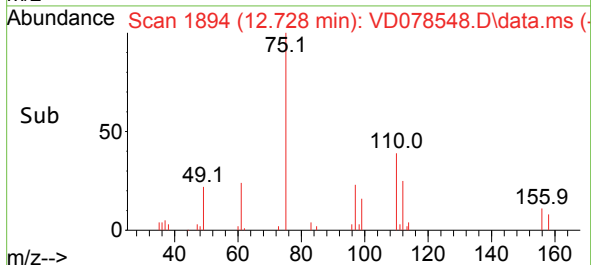
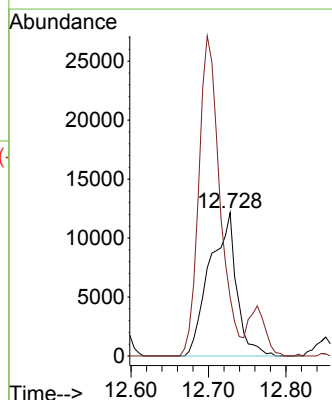
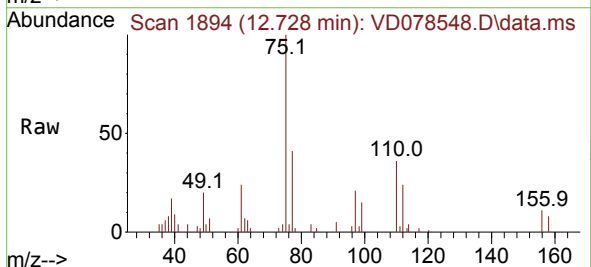
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBSD01

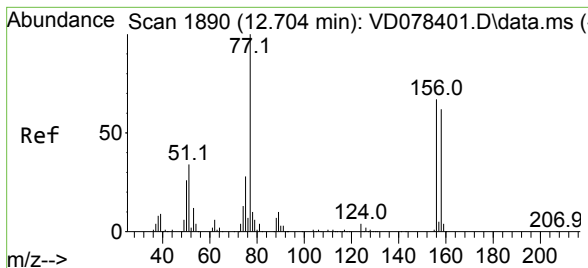
Tgt Ion: 83 Resp: 26274
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.3
85 64.3 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 37.052 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion: 75 Resp: 29434
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.934 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VD0226SBS01

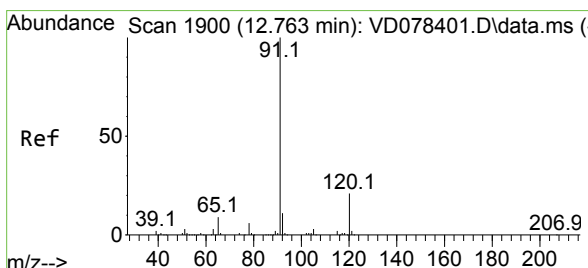
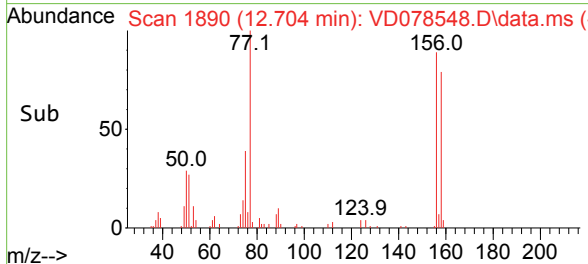
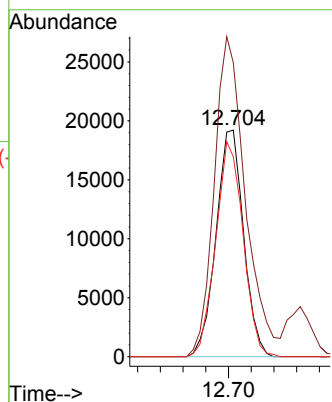
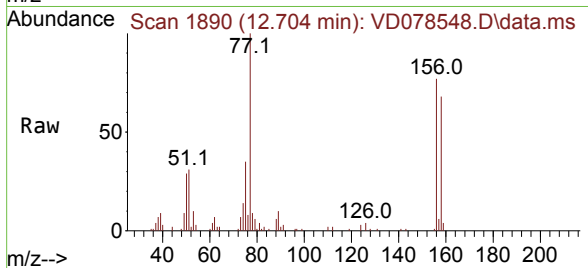
Tgt Ion:156 Resp: 32388

Ion Ratio Lower Upper

156 100

77 159.7 76.8 230.4

158 94.3 48.6 145.9



#78

n-propylbenzene

Concen: 20.319 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078548.D

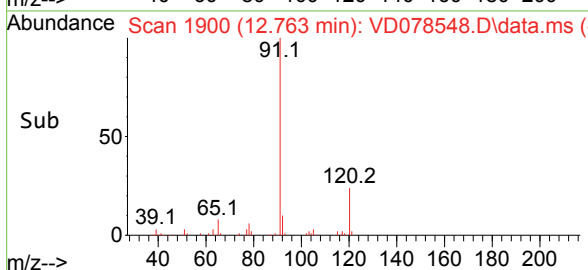
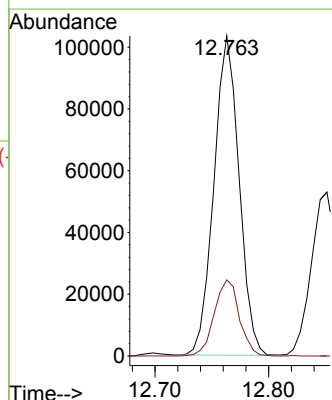
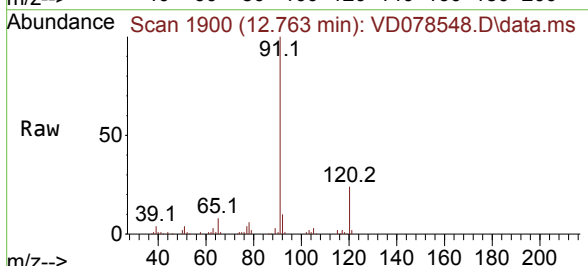
Acq: 26 Feb 2024 12:32

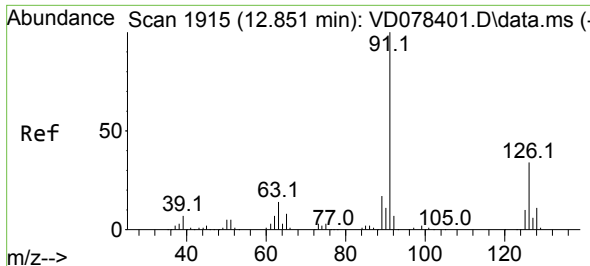
Tgt Ion: 91 Resp: 159101

Ion Ratio Lower Upper

91 100

120 23.6 12.4 37.2

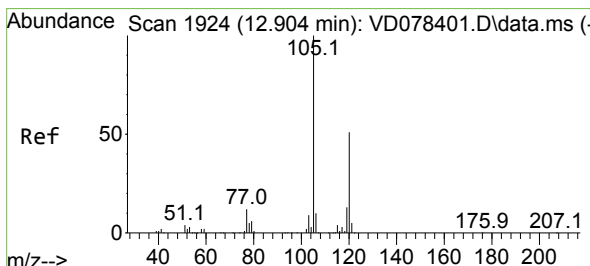
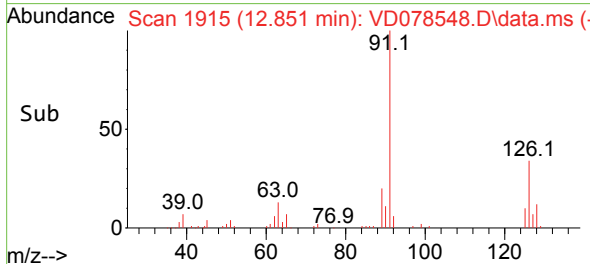
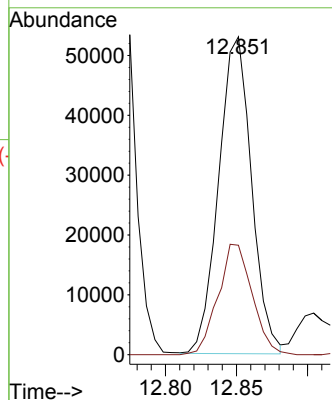
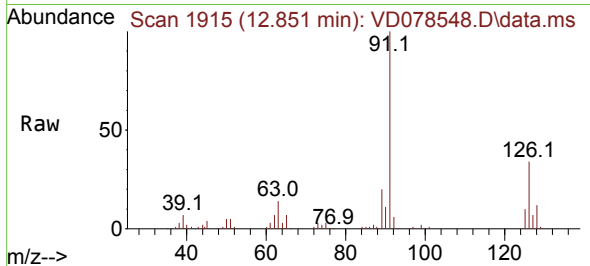




#79
2-Chlorotoluene
Concen: 20.333 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

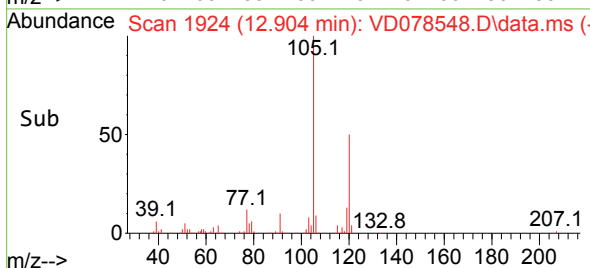
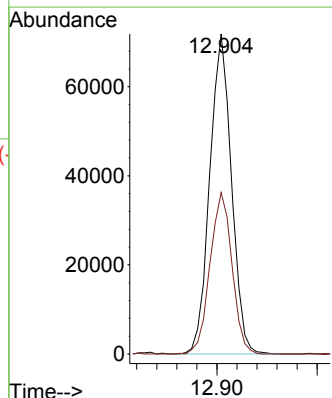
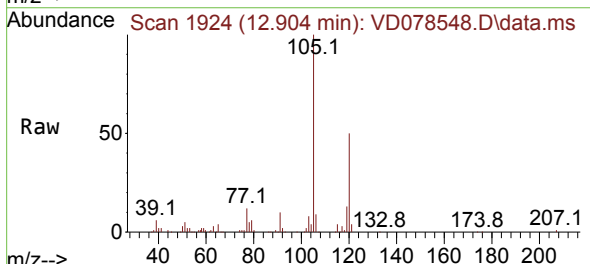
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBSD01

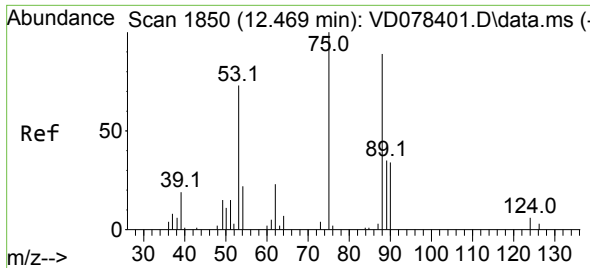
Tgt Ion: 91 Resp: 85272
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.711 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion: 105 Resp: 108057
Ion Ratio Lower Upper
105 100
120 51.1 26.4 79.2

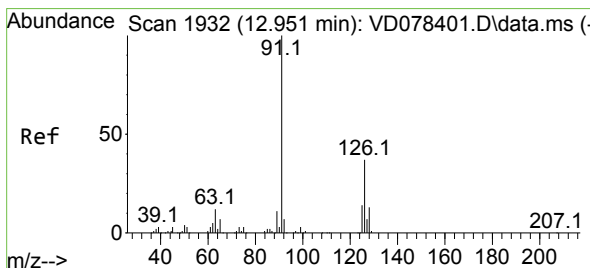
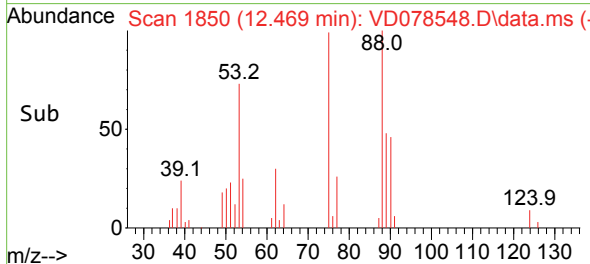
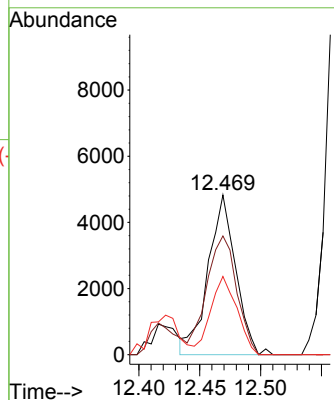
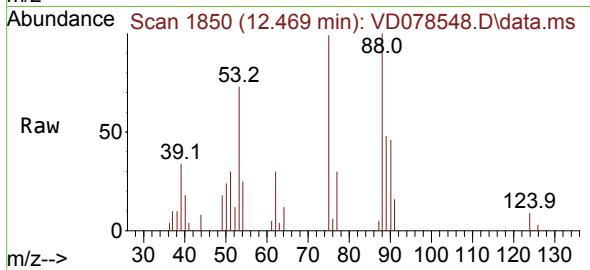




#81
trans-1,4-Dichloro-2-butene
Concen: 19.911 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

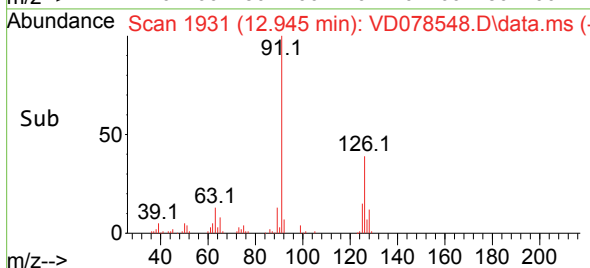
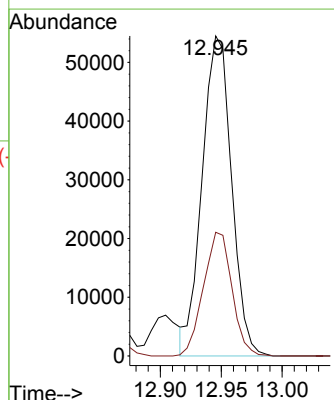
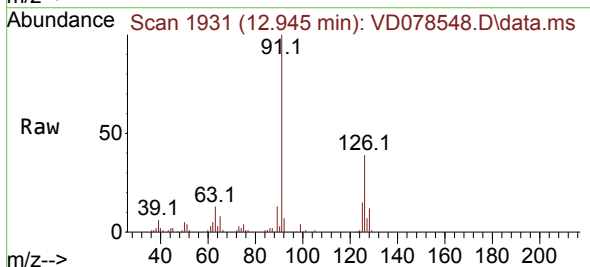
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBSD01

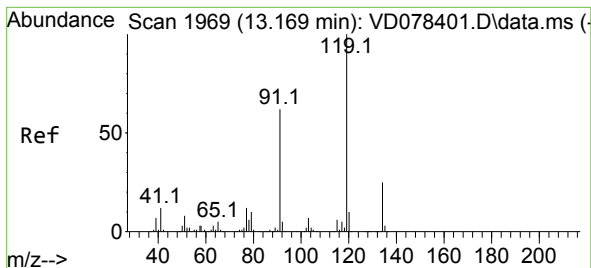
Tgt Ion: 75 Resp: 7619
Ion Ratio Lower Upper
75 100
53 81.3 63.0 94.4
89 46.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.358 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion: 91 Resp: 91694
Ion Ratio Lower Upper
91 100
126 37.5 19.4 58.4





#83

tert-Butylbenzene

Concen: 21.588 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VD0226SBS01

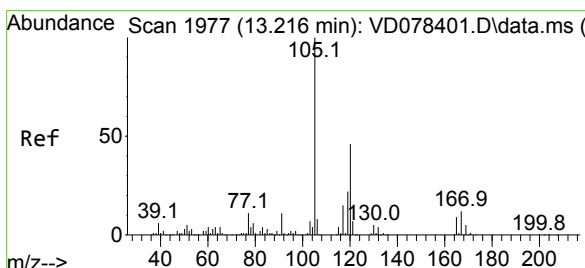
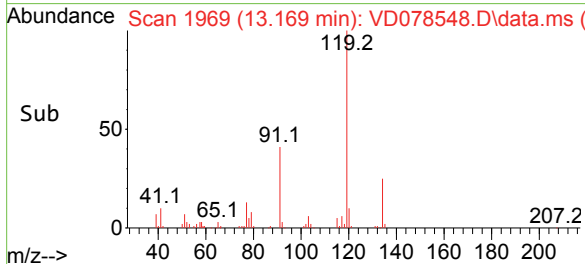
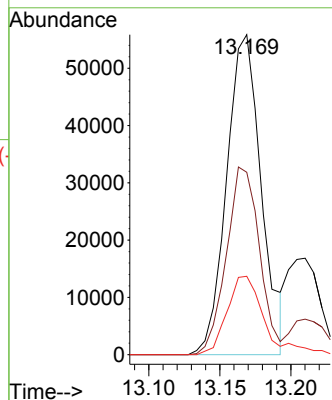
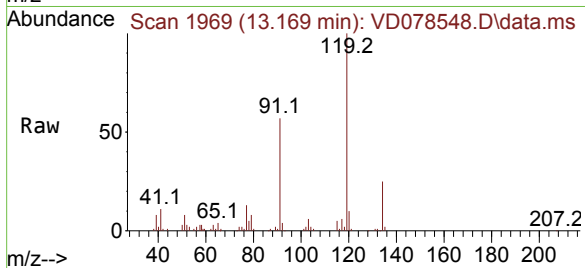
Tgt Ion:119 Resp: 94987

Ion Ratio Lower Upper

119 100

91 56.0 29.3 87.8

134 26.3 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 20.310 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD078548.D

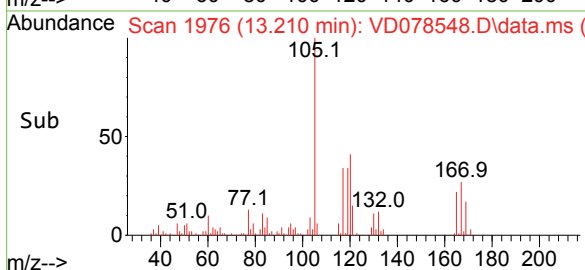
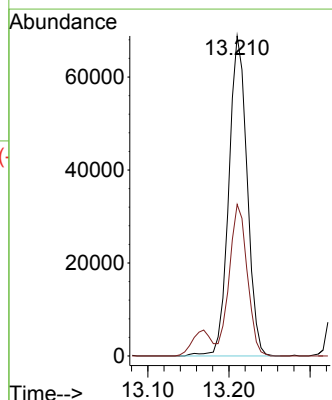
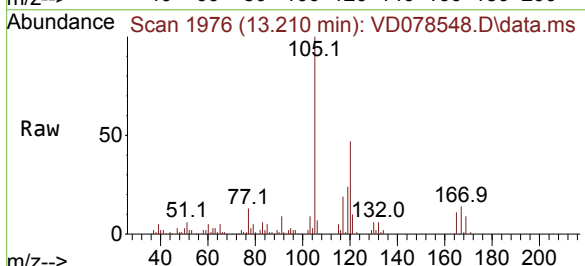
Acq: 26 Feb 2024 12:32

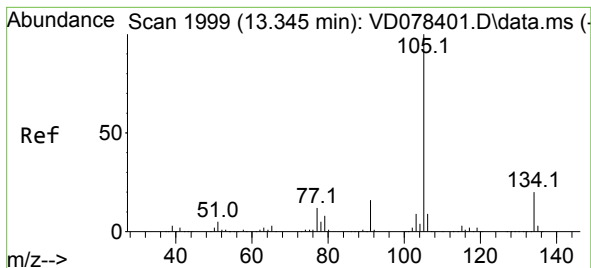
Tgt Ion:105 Resp: 107543

Ion Ratio Lower Upper

105 100

120 46.1 24.3 72.9





#85

sec-Butylbenzene

Concen: 21.043 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

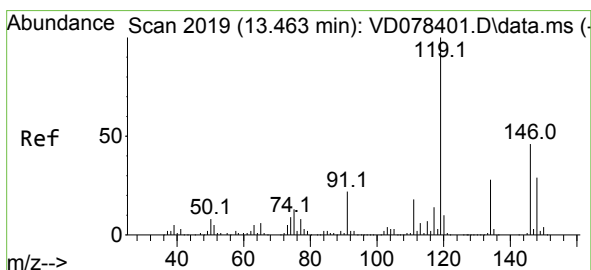
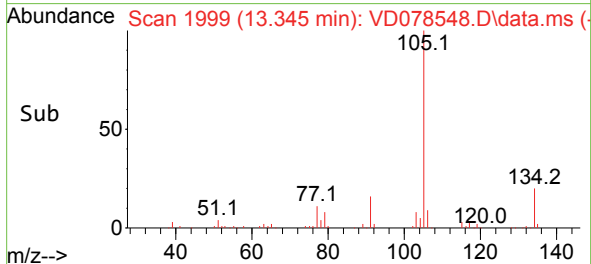
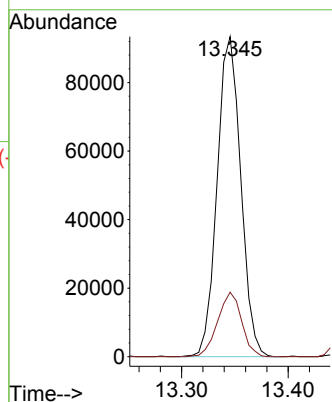
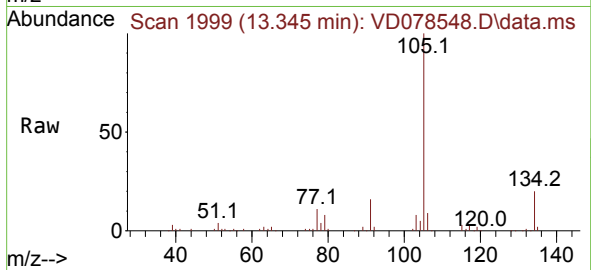
VD0226SBS01

Tgt Ion:105 Resp: 143596

Ion Ratio Lower Upper

105 100

134 20.4 10.9 32.9



#86

p-Isopropyltoluene

Concen: 20.051 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

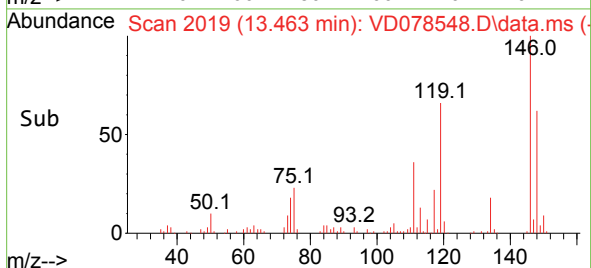
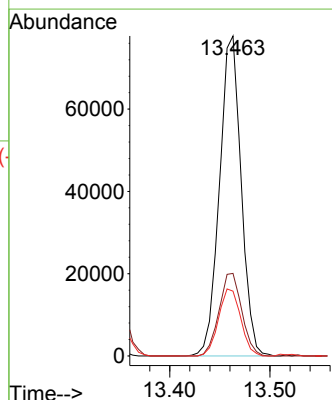
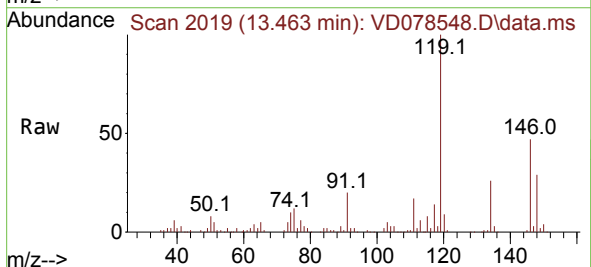
Tgt Ion:119 Resp: 116538

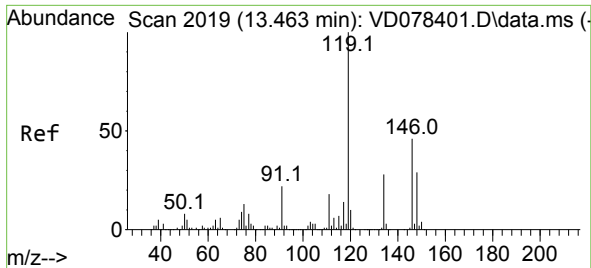
Ion Ratio Lower Upper

119 100

134 27.1 14.2 42.6

91 21.4 10.5 31.5

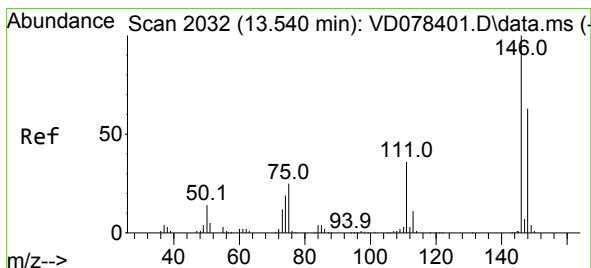
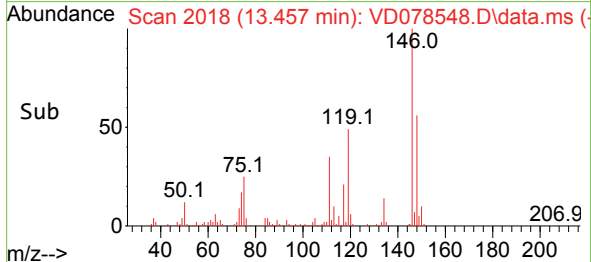
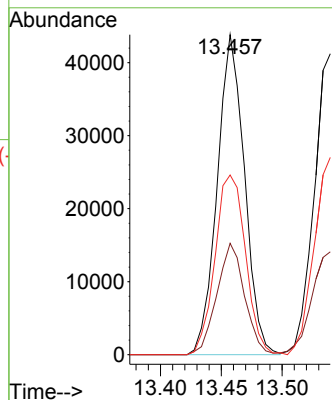
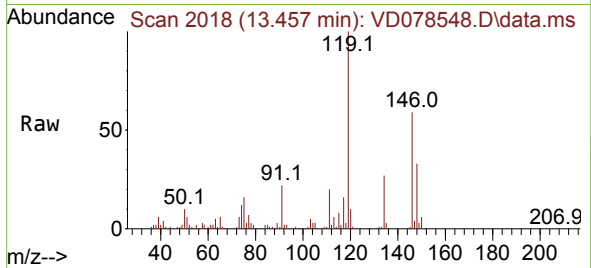




#87
 1,3-Dichlorobenzene
 Concen: 21.707 ug/l
 RT: 13.457 min Scan# 2019
 Delta R.T. -0.006 min
 Lab File: VD078548.D
 Acq: 26 Feb 2024 12:32

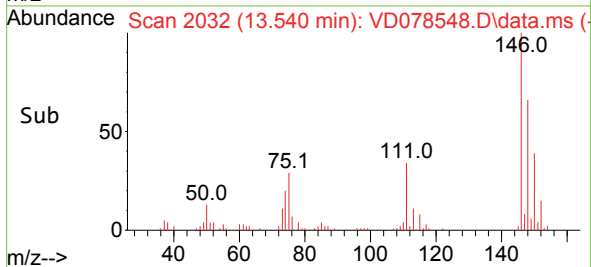
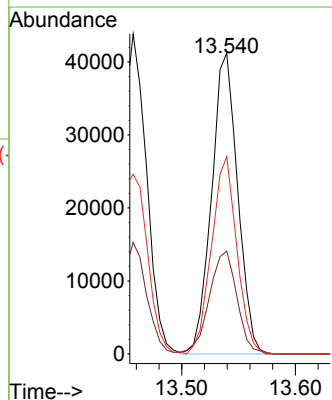
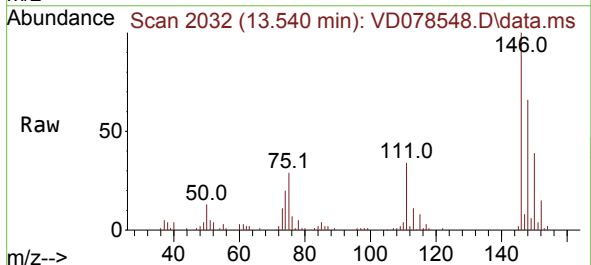
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0226SBS01

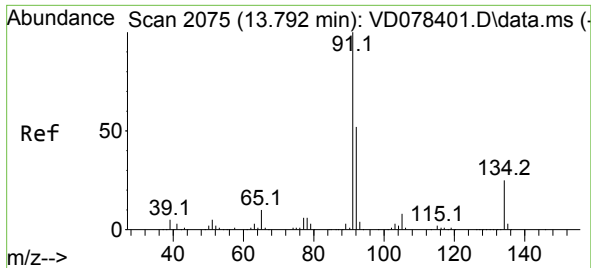
Tgt Ion:146 Resp: 68413
 Ion Ratio Lower Upper
 146 100
 111 35.3 17.9 53.8
 148 62.7 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 21.257 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD078548.D
 Acq: 26 Feb 2024 12:32

Tgt Ion:146 Resp: 65827
 Ion Ratio Lower Upper
 146 100
 111 36.3 17.4 52.3
 148 63.7 31.7 95.1

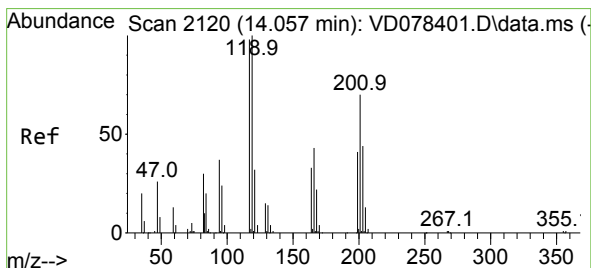
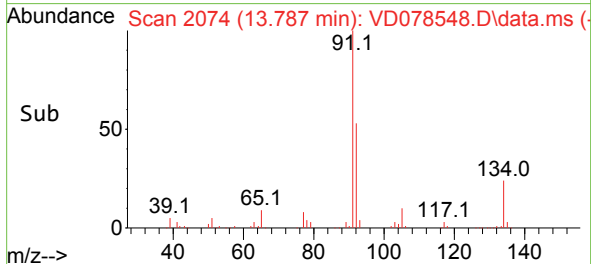
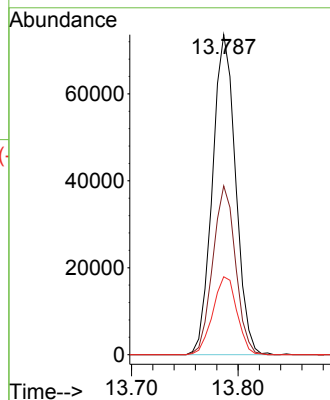
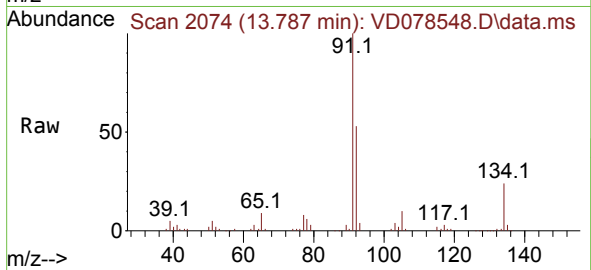




#89
n-Butylbenzene
Concen: 19.876 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

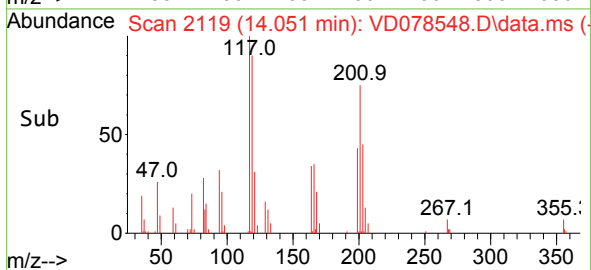
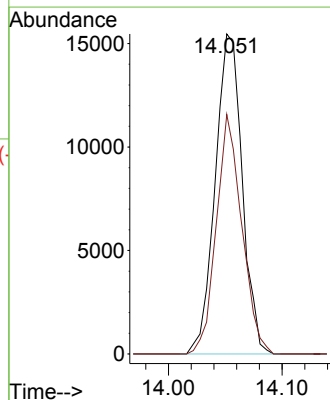
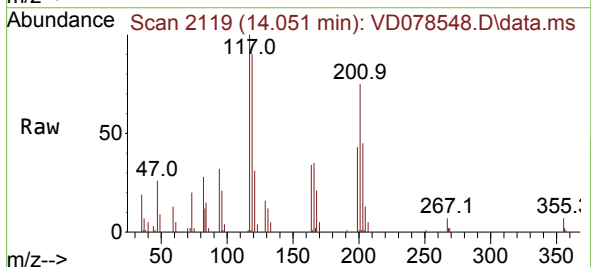
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBSD01

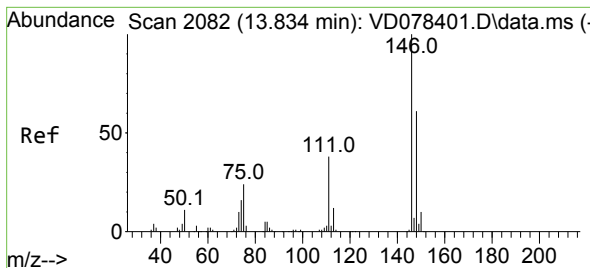
Tgt Ion: 91 Resp: 111349
Ion Ratio Lower Upper
91 100
92 51.7 26.5 79.5
134 25.4 13.8 41.3



#90
Hexachloroethane
Concen: 21.394 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078548.D
Acq: 26 Feb 2024 12:32

Tgt Ion: 117 Resp: 25557
Ion Ratio Lower Upper
117 100
201 70.7 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 21.531 ug/l

RT: 13.828 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VD0226SBSD01

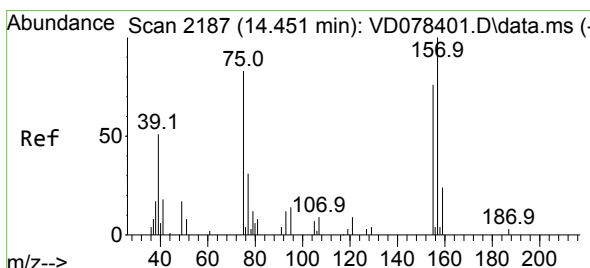
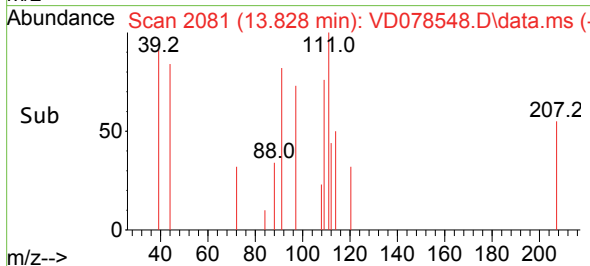
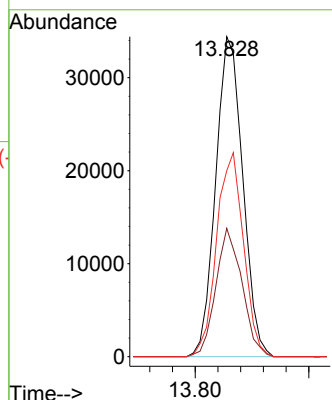
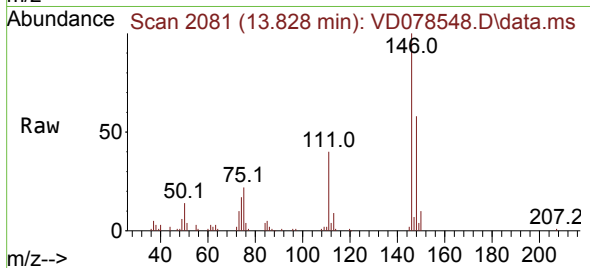
Tgt Ion:146 Resp: 56982

Ion Ratio Lower Upper

146 100

111 38.8 18.3 54.8

148 63.4 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.965 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

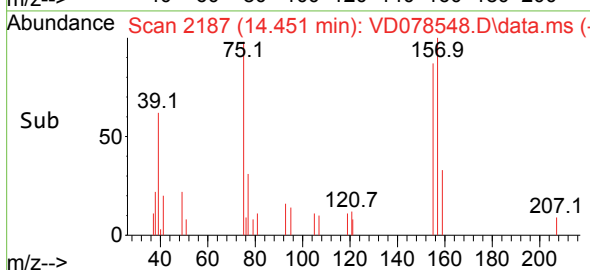
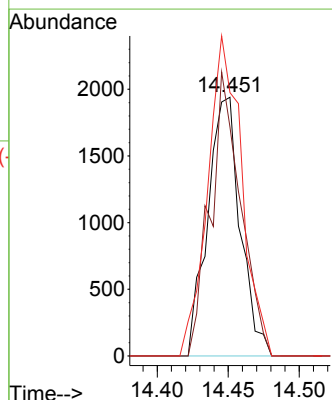
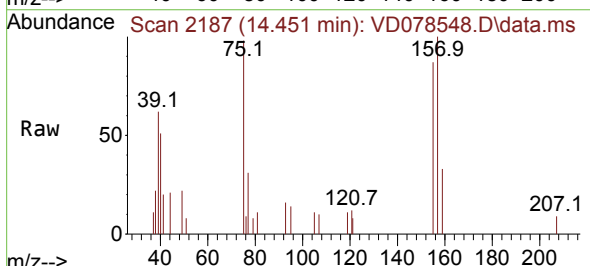
Tgt Ion: 75 Resp: 3095

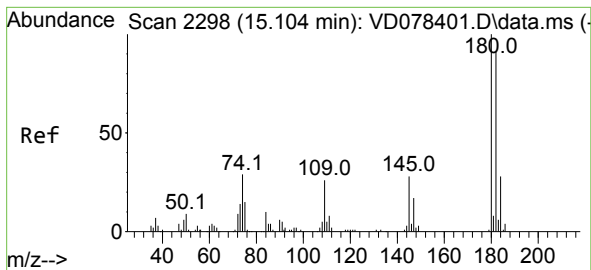
Ion Ratio Lower Upper

75 100

155 102.9 47.9 143.8

157 128.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 21.386 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VD0226SBS01

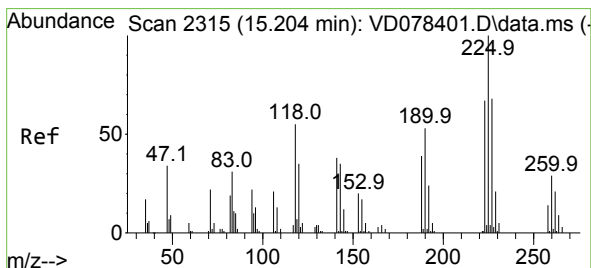
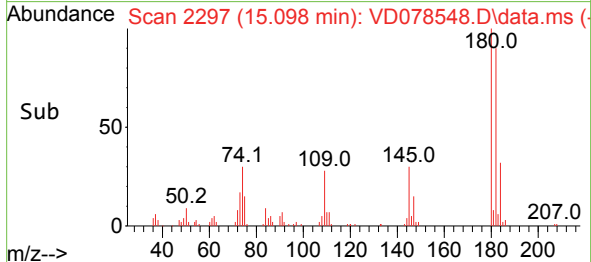
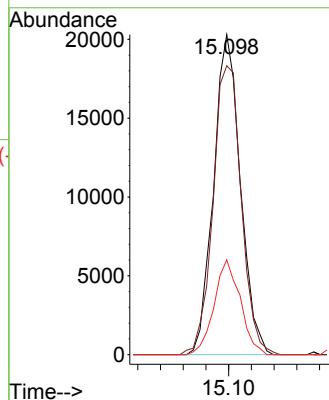
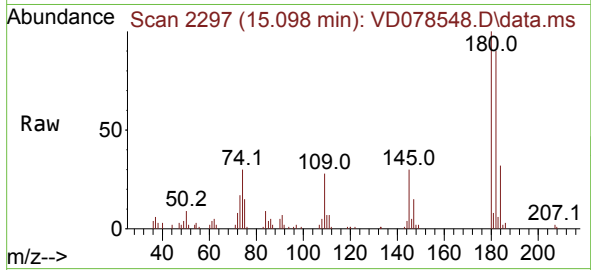
Tgt Ion:180 Resp: 33263

Ion Ratio Lower Upper

180 100

182 95.3 48.5 145.6

145 29.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 22.322 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

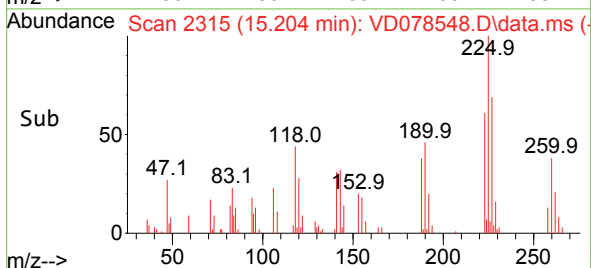
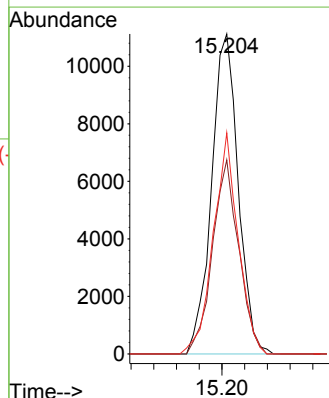
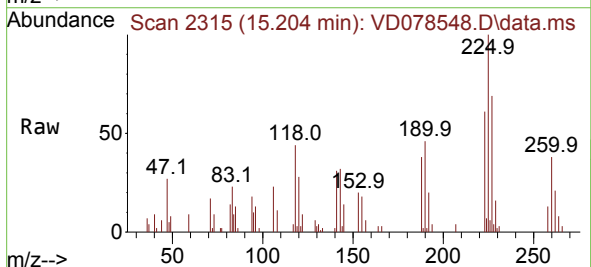
Tgt Ion:225 Resp: 18122

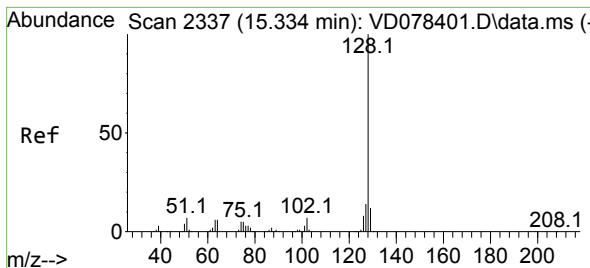
Ion Ratio Lower Upper

225 100

223 59.9 31.6 94.8

227 64.4 31.7 95.1





#95

Naphthalene

Concen: 20.072 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VD0226SBS01

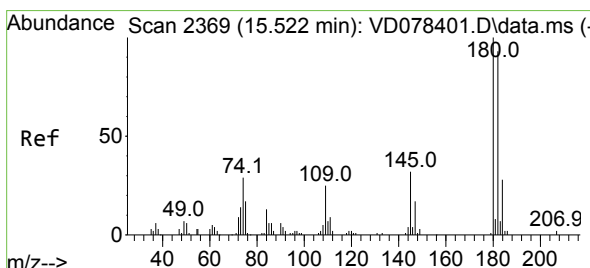
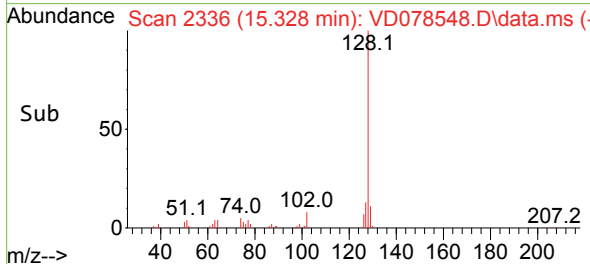
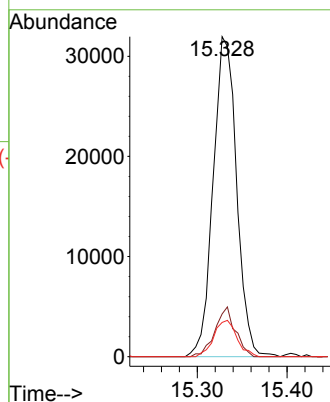
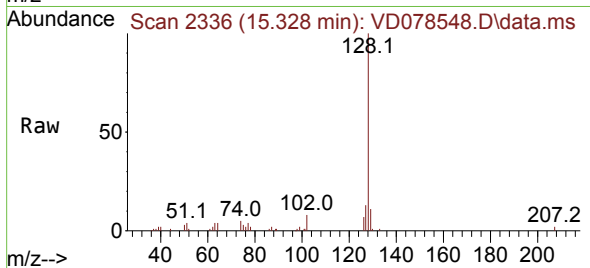
Tgt Ion:128 Resp: 57904

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 22.350 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD078548.D

Acq: 26 Feb 2024 12:32

Tgt Ion:180 Resp: 29461

Ion Ratio Lower Upper

180 100

182 90.5 47.3 141.9

145 30.4 15.1 45.3

