

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032724\
 Data File : VD078754.D
 Acq On : 27 Mar 2024 16:11
 Operator : RP/MD
 Sample : VD0327SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBS01

Quant Time: Mar 28 05:10:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	106467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	184226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	189278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	53896	54.016	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.040%	
35) Dibromofluoromethane	7.805	113	61486	51.837	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.680%	
50) Toluene-d8	10.269	98	221839	50.854	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.700%	
62) 4-Bromofluorobenzene	12.575	95	71756	56.226	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.460%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	16926	17.081	ug/l	100
3) Chloromethane	2.152	50	26662	17.041	ug/l	96
4) Vinyl Chloride	2.287	62	38648	16.745	ug/l	97
5) Bromomethane	2.693	94	37526	16.981	ug/l	96
6) Chloroethane	2.840	64	31811	17.674	ug/l	97
7) Trichlorofluoromethane	3.181	101	34848	19.085	ug/l	94
8) Diethyl Ether	3.599	74	10543	19.776	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.970	101	22230	19.399	ug/l	99
10) Methyl Iodide	4.164	142	23589	17.402	ug/l	98
11) Tert butyl alcohol	5.046	59	3034	67.947	ug/l #	75
12) 1,1-Dichloroethene	3.946	96	19763	18.142	ug/l	98
13) Acrolein	3.799	56	7589	108.495	ug/l	100
14) Allyl chloride	4.564	41	23026	18.944	ug/l	97
15) Acrylonitrile	5.258	53	23480	109.256	ug/l	98
16) Acetone	4.022	43	23351	121.026	ug/l	94
17) Carbon Disulfide	4.275	76	45987	12.877	ug/l	98
18) Methyl Acetate	4.575	43	8235	19.888	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	44490	20.252	ug/l	95
20) Methylene Chloride	4.811	84	31981	21.540	ug/l	97
21) trans-1,2-Dichloroethene	5.317	96	23353	18.168	ug/l	94
22) Diisopropyl ether	6.216	45	57627	20.853	ug/l	97
23) Vinyl Acetate	6.158	43	169158	104.645	ug/l	100
24) 1,1-Dichloroethane	6.111	63	43398	20.946	ug/l	97
25) 2-Butanone	7.087	43	28765	112.136	ug/l	99
26) 2,2-Dichloropropane	7.069	77	33768	19.263	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	27620	18.840	ug/l	96
28) Bromochloromethane	7.428	49	17517	23.714	ug/l	93
29) Tetrahydrofuran	7.446	42	15738	112.800	ug/l	97
30) Chloroform	7.599	83	47242	20.450	ug/l	91
31) Cyclohexane	7.875	56	28561	17.030	ug/l #	96
32) 1,1,1-Trichloroethane	7.799	97	39887	20.350	ug/l	97
36) 1,1-Dichloropropene	8.005	75	30974	17.998	ug/l	97
37) Ethyl Acetate	7.175	43	12287	21.854	ug/l #	95
38) Carbon Tetrachloride	7.993	117	34265	18.886	ug/l #	93
39) Methylcyclohexane	9.275	83	30962	15.509	ug/l	98
40) Benzene	8.252	78	101117	19.437	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	6545	22.214	ug/l	92
42) 1,2-Dichloroethane	8.328	62	29664	23.381	ug/l	99
43) Isopropyl Acetate	8.363	43	23851	23.327	ug/l	94
44) Trichloroethene	9.034	130	25781	18.261	ug/l	96
45) 1,2-Dichloropropane	9.310	63	24262	19.660	ug/l	95
46) Dibromomethane	9.393	93	15586	21.068	ug/l	94
47) Bromodichloromethane	9.587	83	38615	21.926	ug/l	98
48) Methyl methacrylate	9.375	41	9923	19.918	ug/l	93
49) 1,4-Dioxane	9.381	88	2984	435.645	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	60389	112.973	ug/l	98
52) Toluene	10.334	92	64929	19.386	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	36251	22.513	ug/l #	48
54) cis-1,3-Dichloropropene	10.016	75	40181	20.758	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	21826	22.032	ug/l	94
56) Ethyl methacrylate	10.599	69	22512	22.668	ug/l	93
57) 1,3-Dichloropropane	10.881	76	38606	24.151	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.869	63	50223	114.689	ug/l	99
59) 2-Hexanone	10.922	43	48017	121.175	ug/l	99
60) Dibromochloromethane	11.075	129	26631	21.798	ug/l	98
61) 1,2-Dibromoethane	11.175	107	19426	20.262	ug/l	98
64) Tetrachloroethene	10.816	164	22801	18.203	ug/l	89
65) Chlorobenzene	11.604	112	77435	19.577	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	29634	20.458	ug/l #	79
67) Ethyl Benzene	11.681	91	141616	21.011	ug/l	95
68) m/p-Xylenes	11.793	106	103102	37.670	ug/l	96
69) o-Xylene	12.210	106	9571	3.780	ug/l	41
70) Styrene	12.134	104	87023	20.474	ug/l	95
71) Bromoform	12.299	173	15973	20.404	ug/l #	92
73) Isopropylbenzene	12.422	105	261328	41.660	ug/l #	72
74) N-amyl acetate	12.234	43	21877	21.480	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	25808	22.225	ug/l	69
76) 1,2,3-Trichloropropane	12.698	75	56917	77.541	ug/l #	100
77) Bromobenzene	12.698	156	32931	21.169	ug/l	97
78) n-propylbenzene	12.763	91	153334	20.082	ug/l	100
79) 2-Chlorotoluene	12.851	91	83315	19.890	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	99578	19.196	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	7049	20.130	ug/l	91
82) 4-Chlorotoluene	12.946	91	89154	20.123	ug/l	98
83) tert-Butylbenzene	13.163	119	98866	22.104	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.210	105	103979	19.890	ug/l	94
85) sec-Butylbenzene	13.346	105	131475	19.424	ug/l	99
86) p-Isopropyltoluene	13.463	119	133537	23.045	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	66871	20.370	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	65490	20.242	ug/l	100
89) n-Butylbenzene	13.787	91	103179	19.716	ug/l	99
90) Hexachloroethane	14.051	117	23954	19.978	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	56290	19.909	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3965	25.524	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	35591	21.569	ug/l	96
94) Hexachlorobutadiene	15.204	225	18311	20.498	ug/l	96
95) Naphthalene	15.334	128	59346	20.686	ug/l	96
96) 1,2,3-Trichlorobenzene	15.516	180	30844	21.607	ug/l	100

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QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

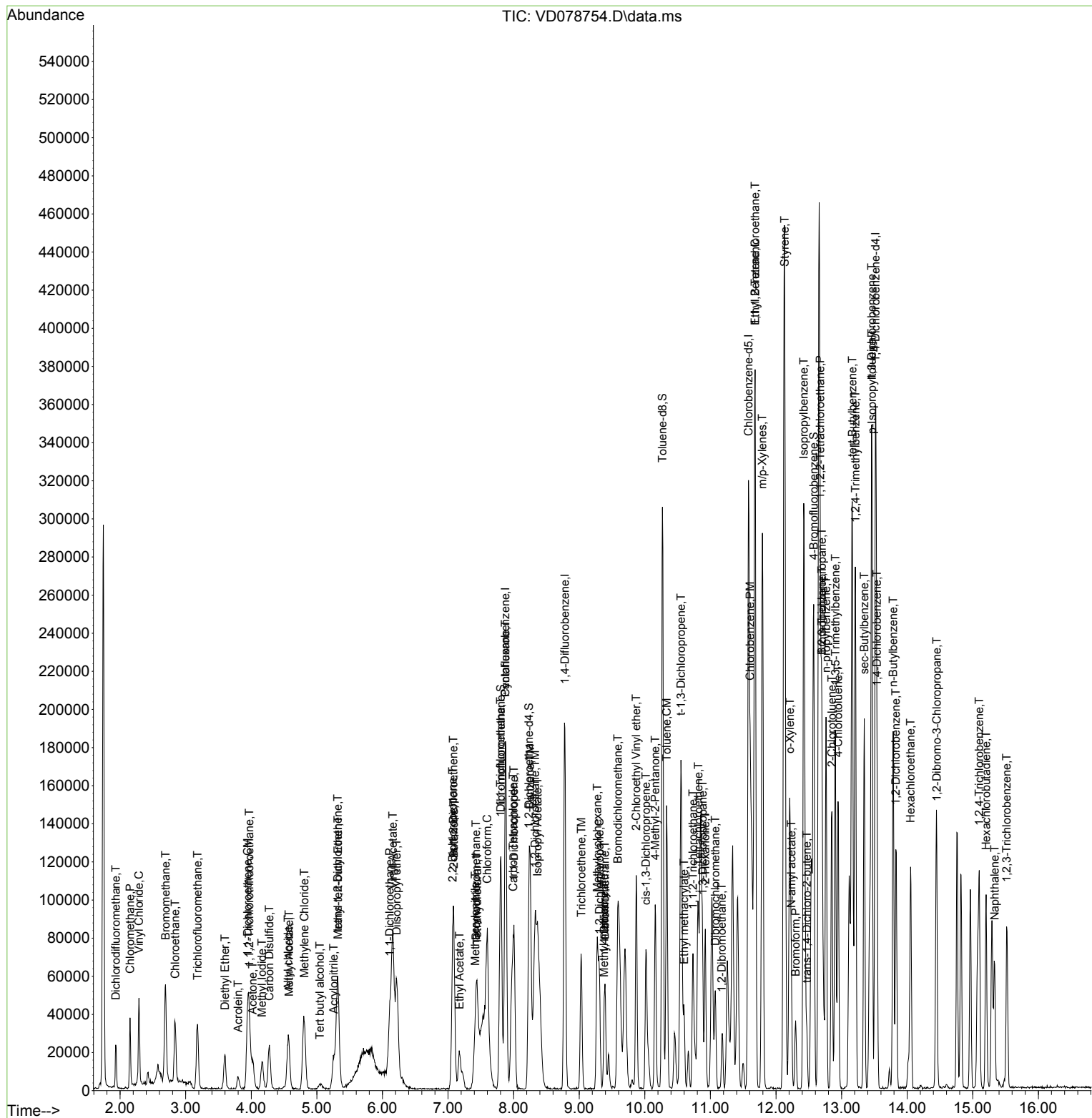
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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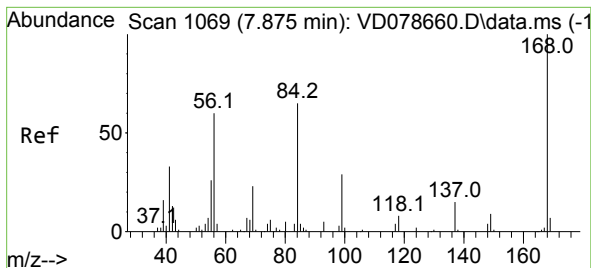
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

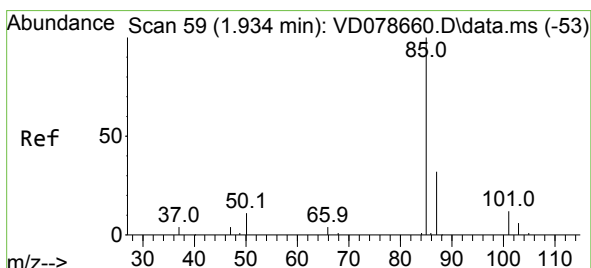
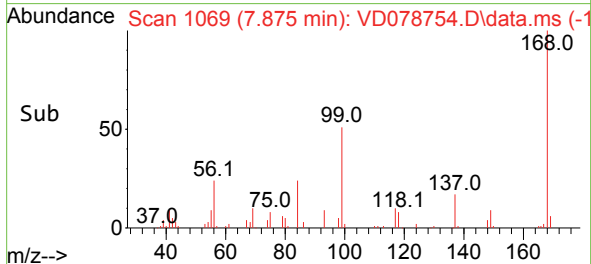
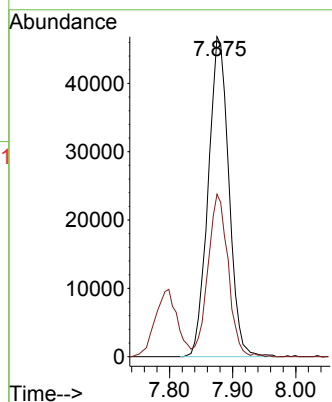
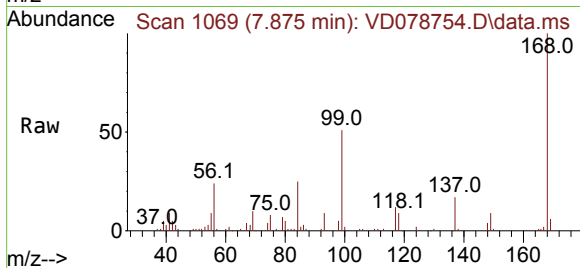
VD0327SBS01

Tgt Ion:168 Resp: 106467

Ion Ratio Lower Upper

168 100

99 50.8 38.8 58.2



#2

Dichlorodifluoromethane

Concen: 17.081 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078754.D

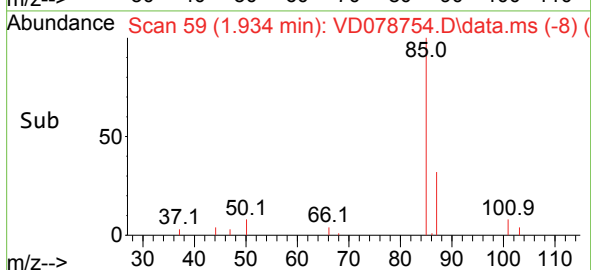
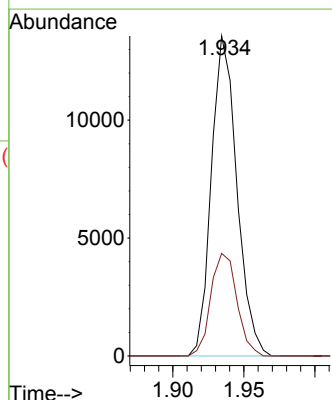
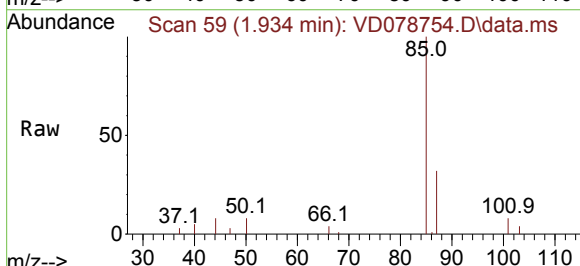
Acq: 27 Mar 2024 16:11

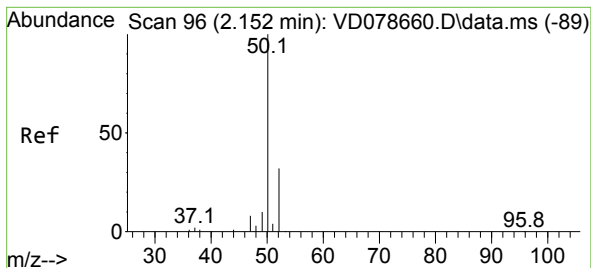
Tgt Ion: 85 Resp: 16926

Ion Ratio Lower Upper

85 100

87 32.1 16.2 48.5





#3

Chloromethane

Concen: 17.041 ug/l

RT: 2.152 min Scan# 96

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

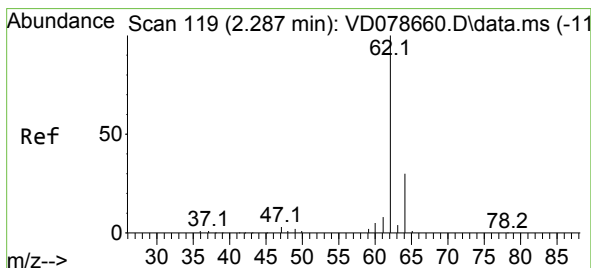
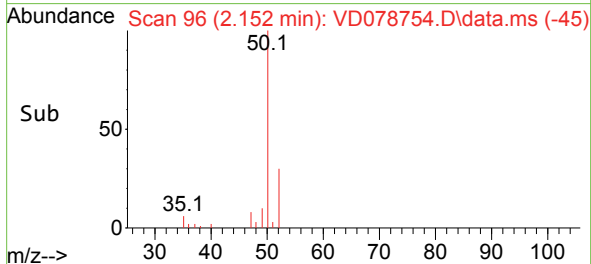
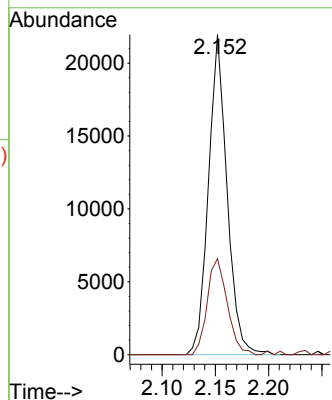
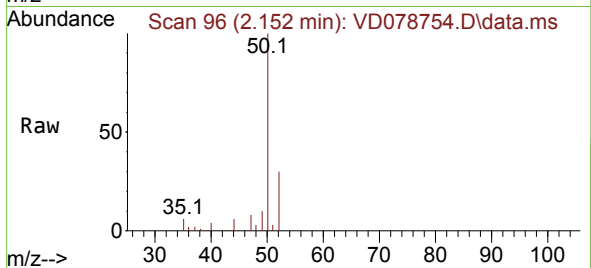
VD0327SBS01

Tgt Ion: 50 Resp: 26662

Ion Ratio Lower Upper

50 100

52 30.0 25.6 38.4



#4

Vinyl Chloride

Concen: 16.745 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD078754.D

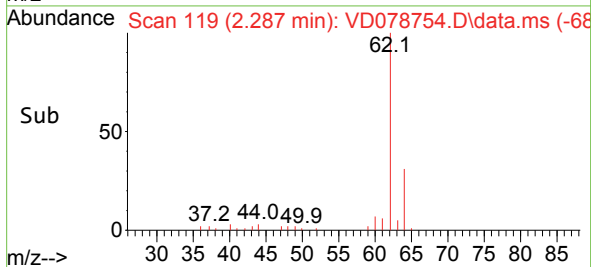
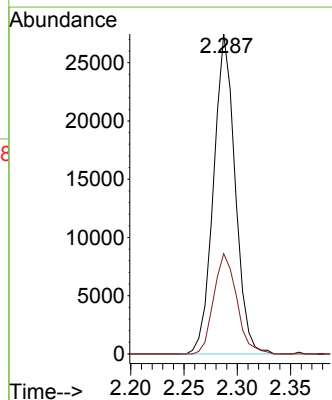
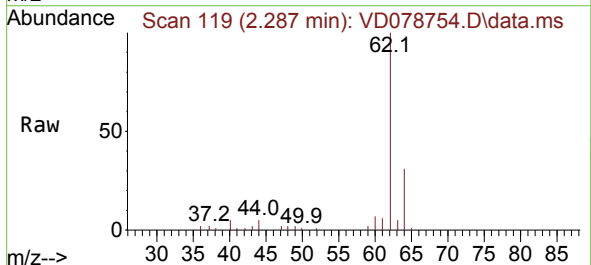
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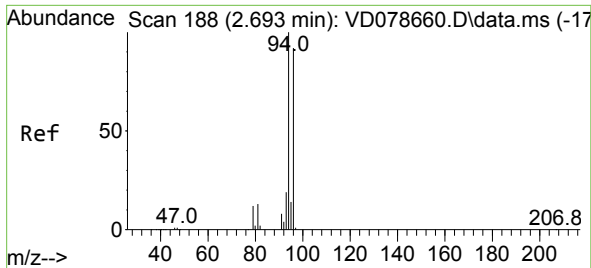
Tgt Ion: 62 Resp: 38648

Ion Ratio Lower Upper

62 100

64 31.4 23.7 35.5

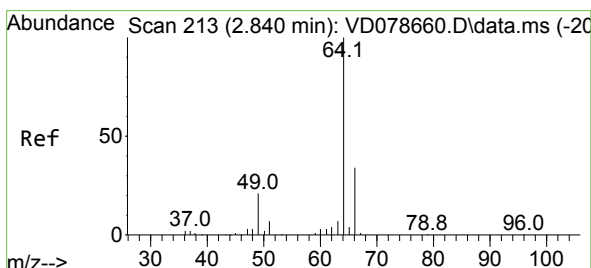
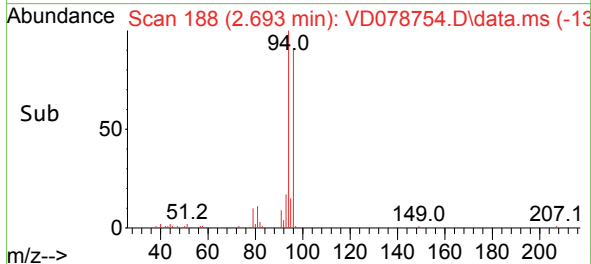
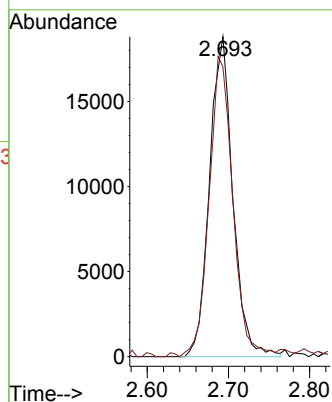
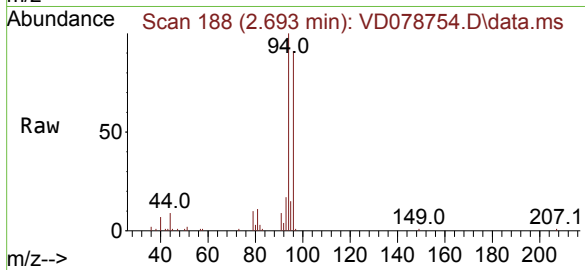




#5
Bromomethane
Concen: 16.981 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078754.D
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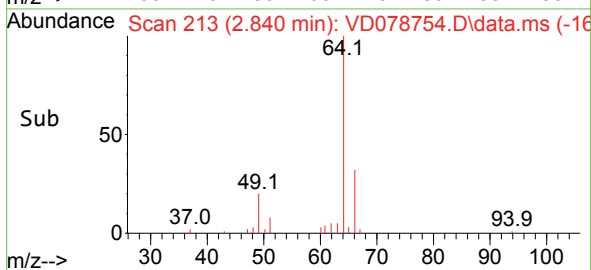
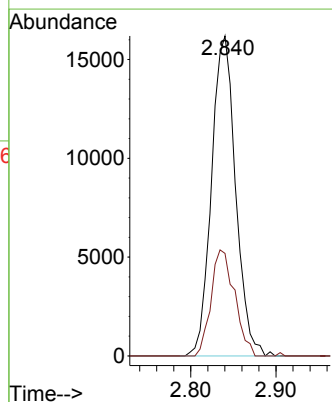
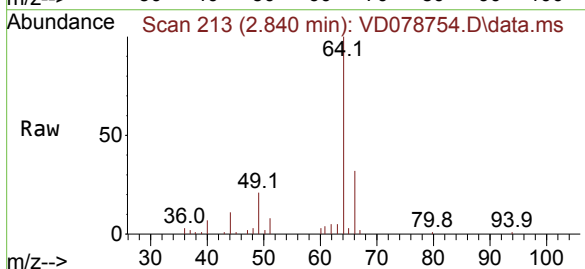
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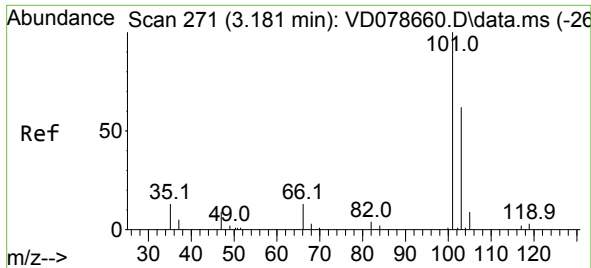
Tgt Ion: 94 Resp: 37526
Ion Ratio Lower Upper
94 100
96 95.4 73.5 110.3



#6
Chloroethane
Concen: 17.674 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion: 64 Resp: 31811
Ion Ratio Lower Upper
64 100
66 32.1 26.8 40.2

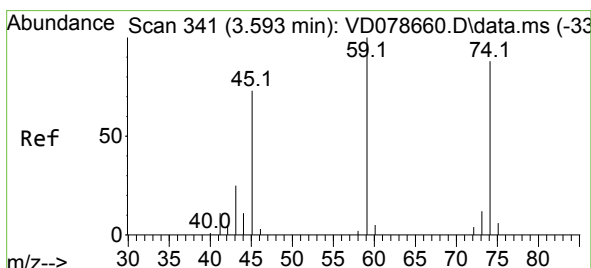
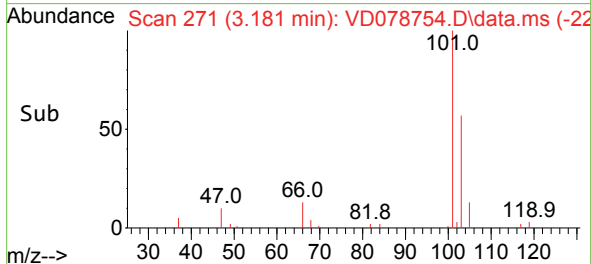
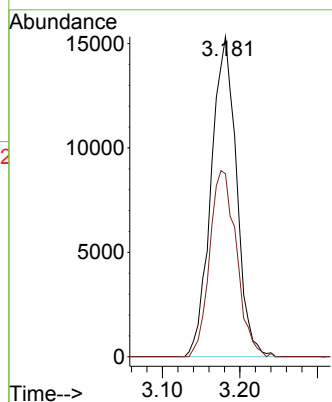
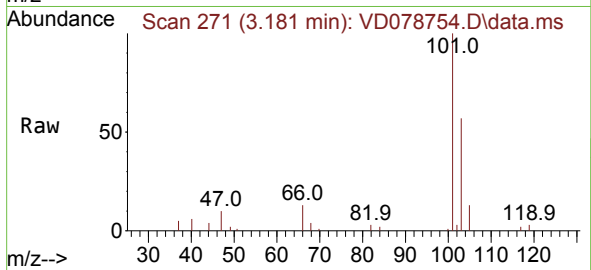




#7
 Trichlorofluoromethane
 Concen: 19.085 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078754.D
 Acq: 27 Mar 2024 16:11

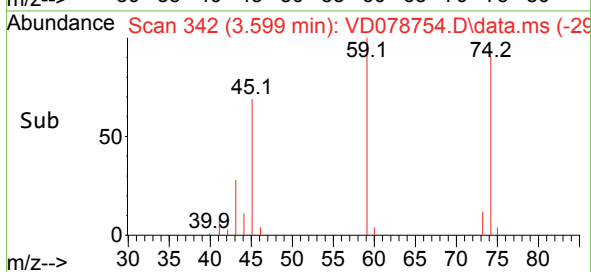
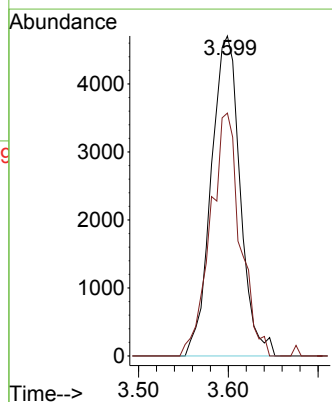
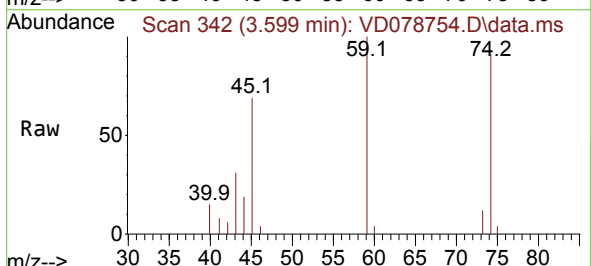
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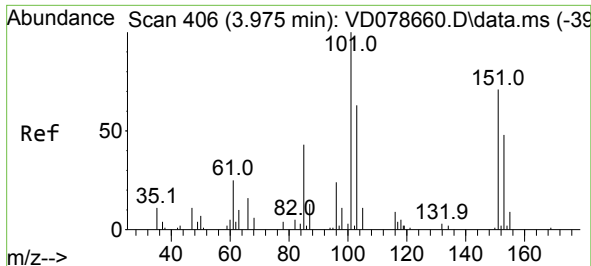
Tgt Ion:101 Resp: 34848
 Ion Ratio Lower Upper
 101 100
 103 57.2 49.7 74.5



#8
 Diethyl Ether
 Concen: 19.776 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD078754.D
 Acq: 27 Mar 2024 16:11

Tgt Ion: 74 Resp: 10543
 Ion Ratio Lower Upper
 74 100
 45 78.4 42.4 127.3

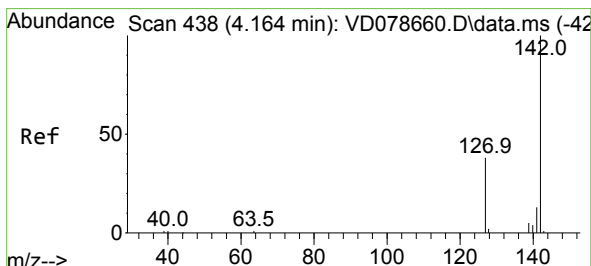
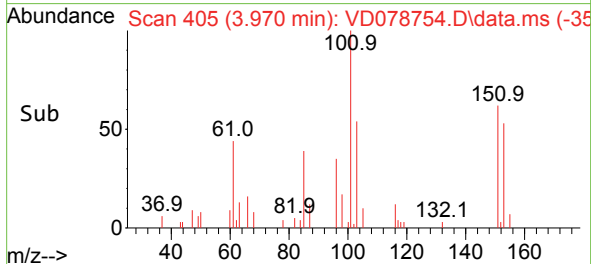
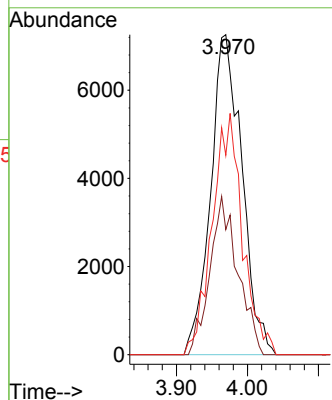
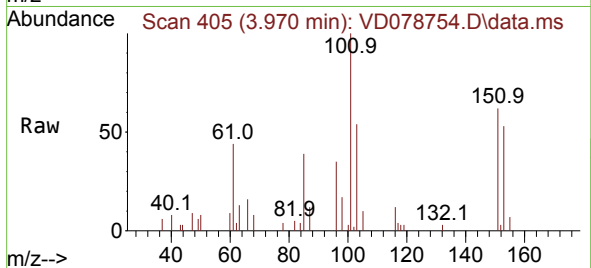




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.399 ug/l
RT: 3.970 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

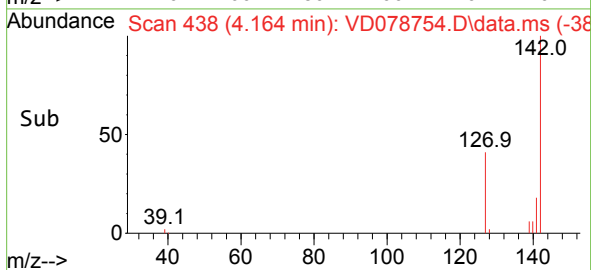
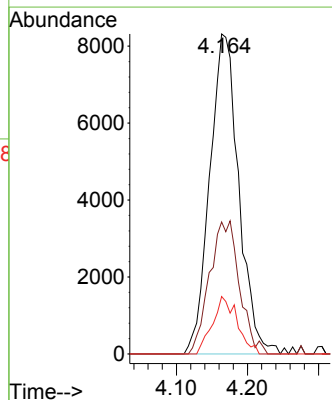
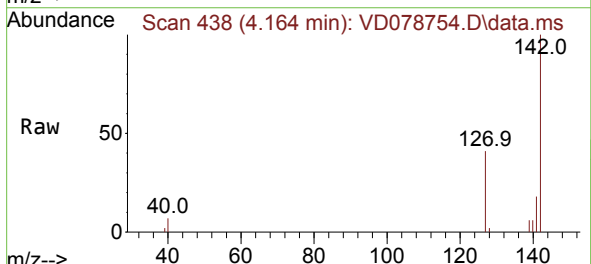
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

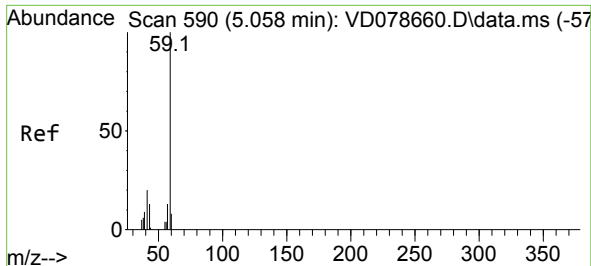
Tgt Ion:101 Resp: 22230
Ion Ratio Lower Upper
101 100
85 44.4 35.8 53.6
151 72.8 59.4 89.2



#10
Methyl Iodide
Concen: 17.402 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion:142 Resp: 23589
Ion Ratio Lower Upper
142 100
127 42.9 33.5 50.3
141 15.3 11.7 17.5

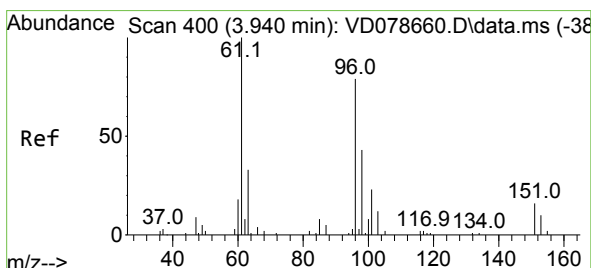
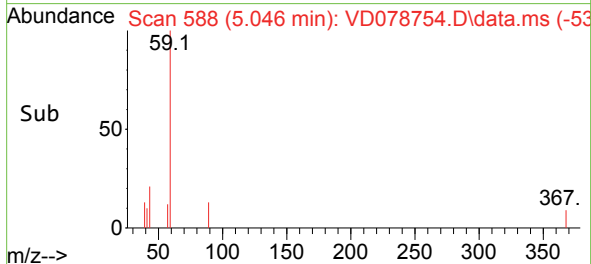
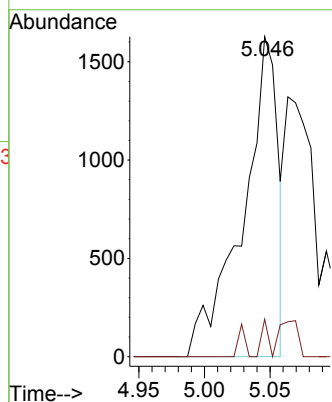
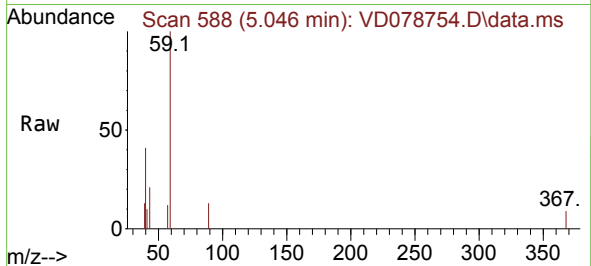




#11
Tert butyl alcohol
Concen: 67.947 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

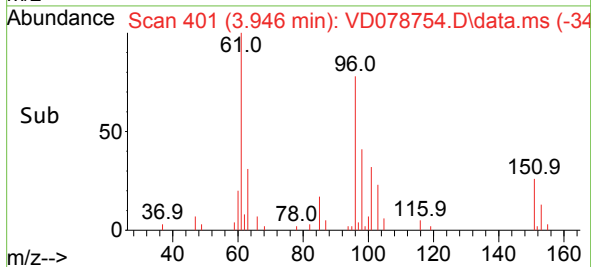
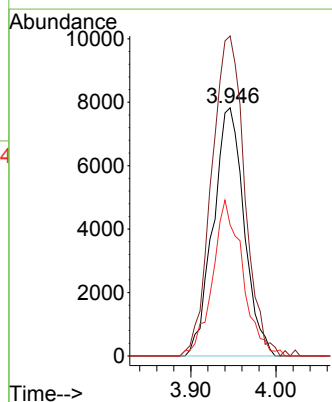
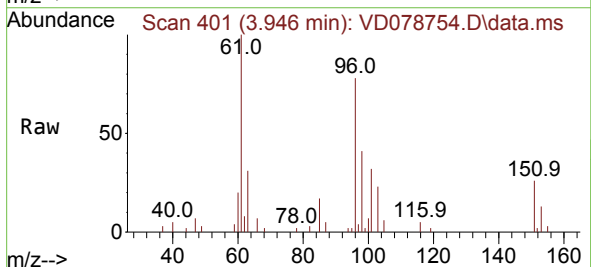
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

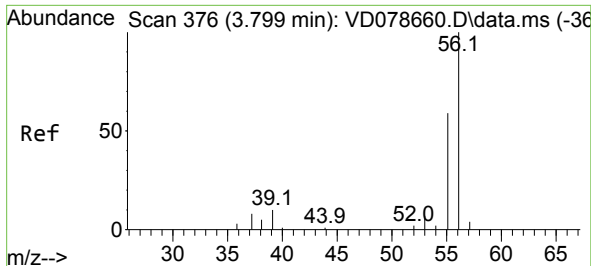
Tgt Ion: 59 Resp: 3034
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 18.142 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion: 96 Resp: 19763
Ion Ratio Lower Upper
96 100
61 128.9 101.4 152.0
98 52.8 43.4 65.0

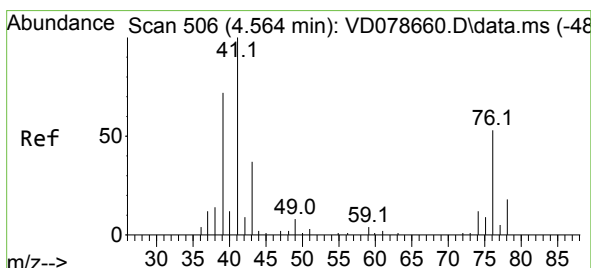
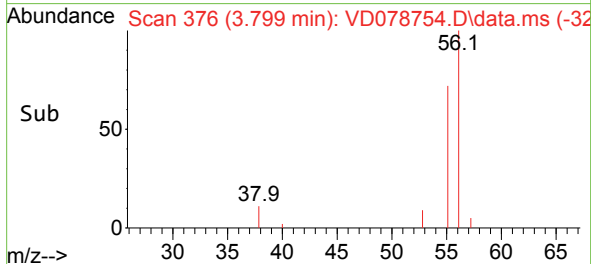
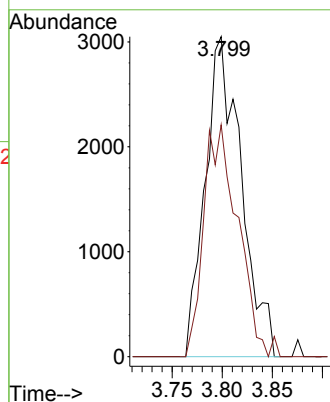
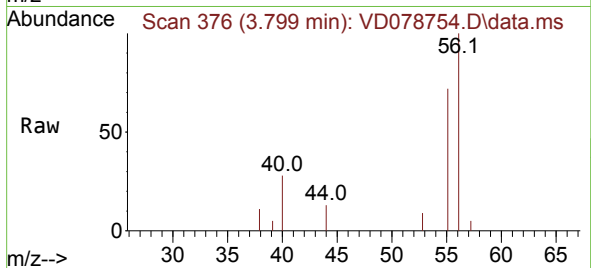




#13
Acrolein
Concen: 108.495 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

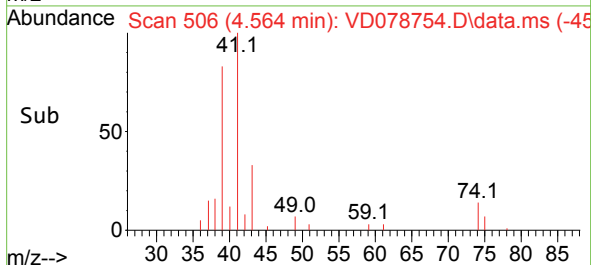
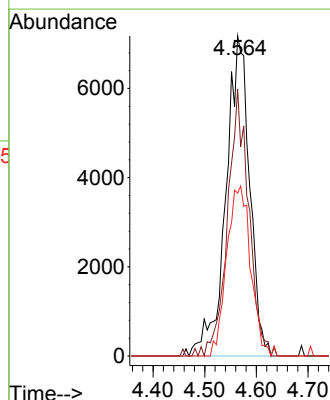
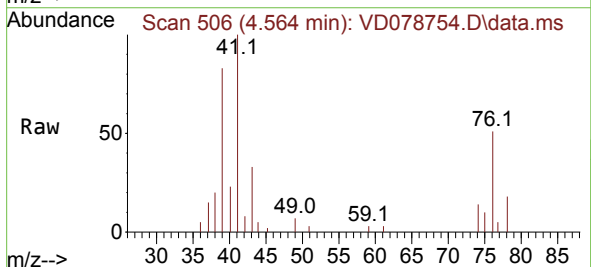
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

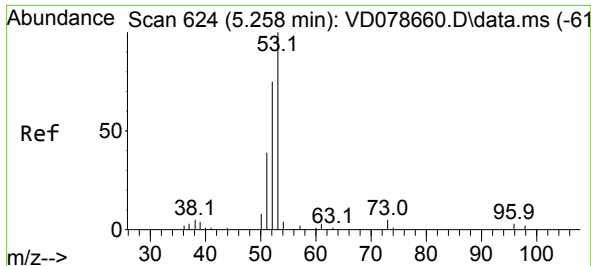
Tgt Ion: 56 Resp: 7589
Ion Ratio Lower Upper
56 100
55 68.3 54.9 82.3



#14
Allyl chloride
Concen: 18.944 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion: 41 Resp: 23026
Ion Ratio Lower Upper
41 100
39 73.4 57.8 86.6
76 53.0 44.8 67.2

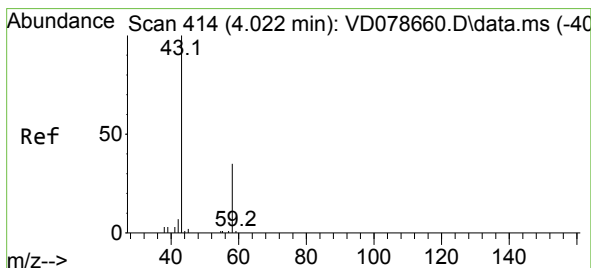
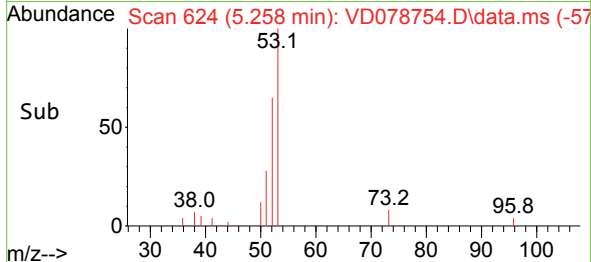
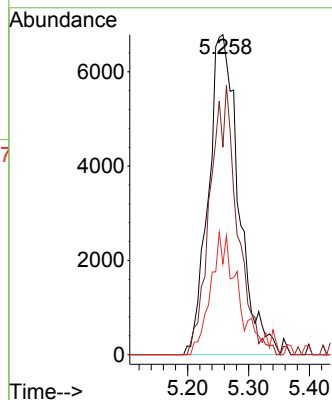
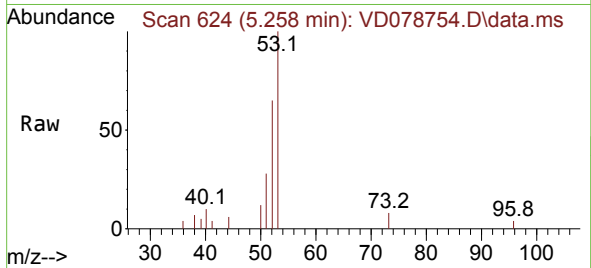




#15
Acrylonitrile
Concen: 109.256 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

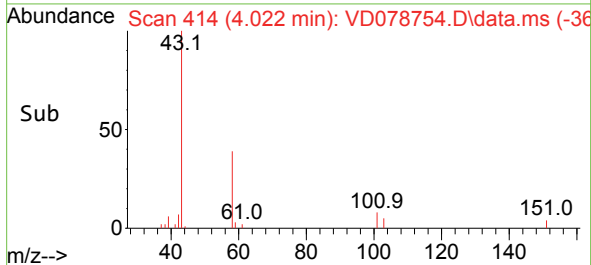
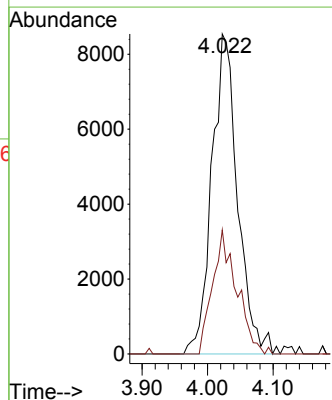
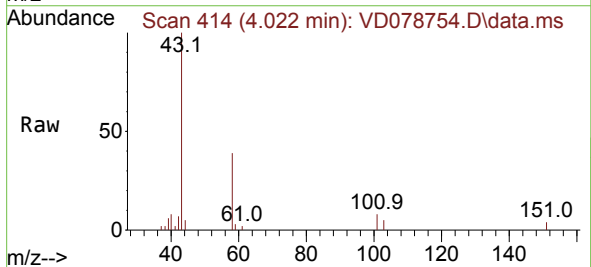
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

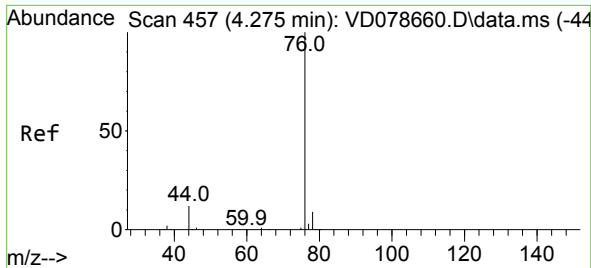
Tgt Ion:	53	Resp:	23480
Ion	Ratio	Lower	Upper
53	100		
52	76.1	61.9	92.9
51	34.0	29.0	43.4



#16
Acetone
Concen: 121.026 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion:	43	Resp:	23351
Ion	Ratio	Lower	Upper
43	100		
58	38.8	28.2	42.4





#17

Carbon Disulfide

Concen: 12.877 ug/l

RT: 4.275 min Scan# 4

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

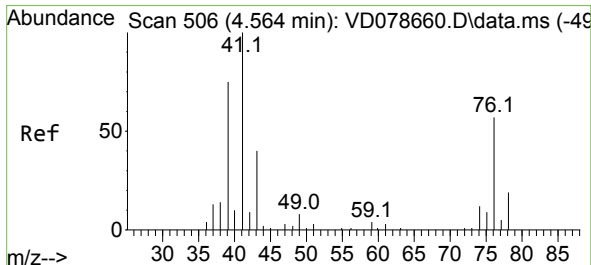
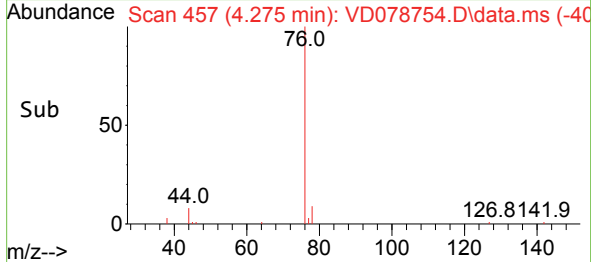
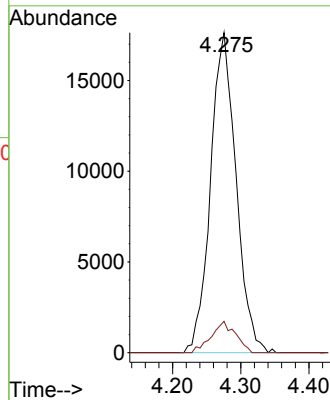
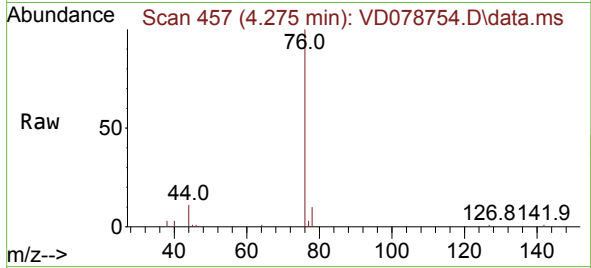
VD0327SBS01

Tgt Ion: 76 Resp: 45987

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9



#18

Methyl Acetate

Concen: 19.888 ug/l

RT: 4.575 min Scan# 508

Delta R.T. 0.011 min

Lab File: VD078754.D

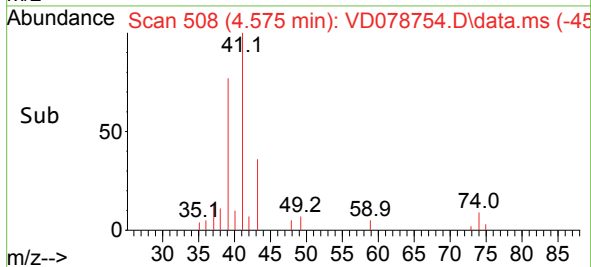
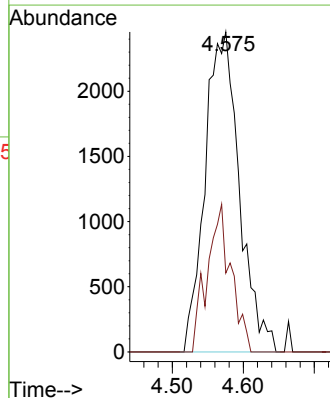
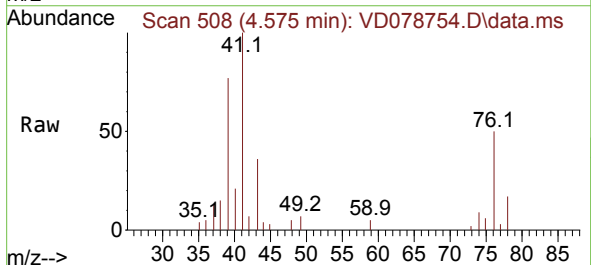
Acq: 27 Mar 2024 16:11

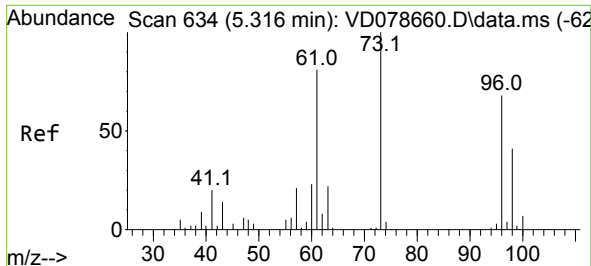
Tgt Ion: 43 Resp: 8235

Ion Ratio Lower Upper

43 100

74 32.1 25.3 37.9

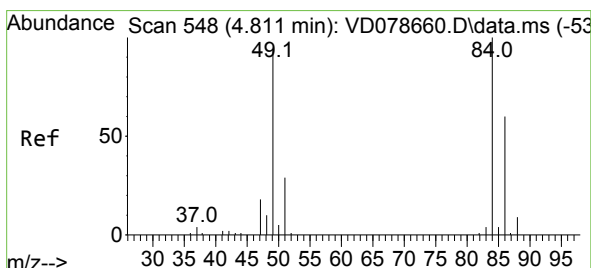
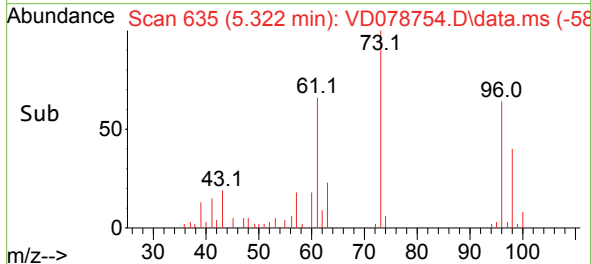
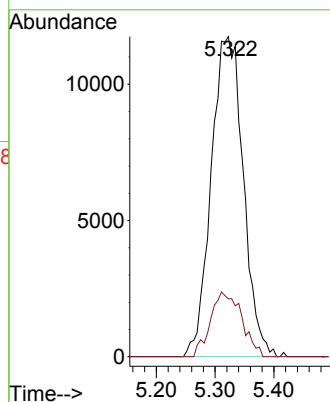
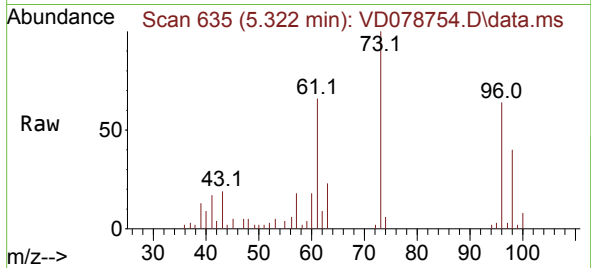




#19
Methyl tert-butyl Ether
Concen: 20.252 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

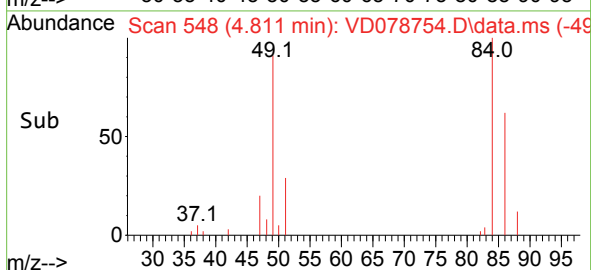
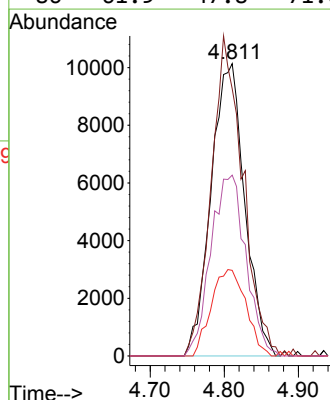
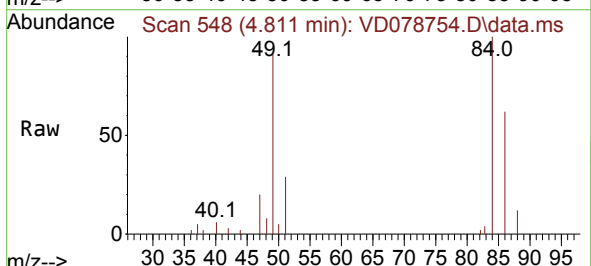
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

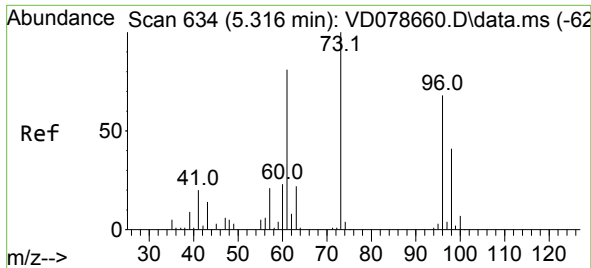
Tgt Ion: 73 Resp: 44490
Ion Ratio Lower Upper
73 100
57 18.1 16.4 24.6



#20
Methylene Chloride
Concen: 21.540 ug/l
RT: 4.811 min Scan# 548
Delta R.T. -0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion: 84 Resp: 31981
Ion Ratio Lower Upper
84 100
49 91.4 75.6 113.4
51 29.3 23.4 35.0
86 61.9 47.8 71.6

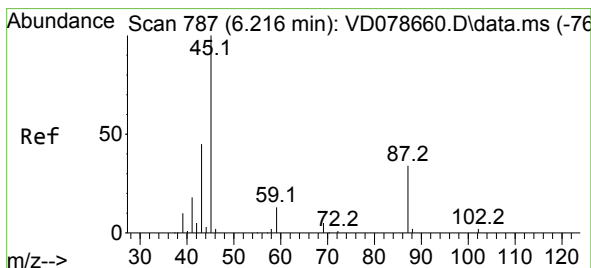
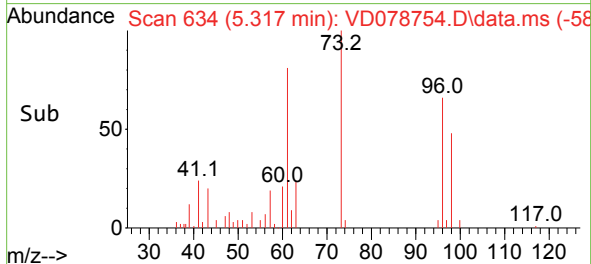
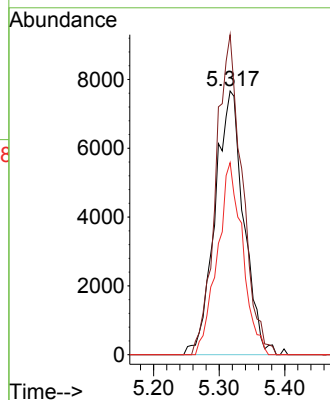
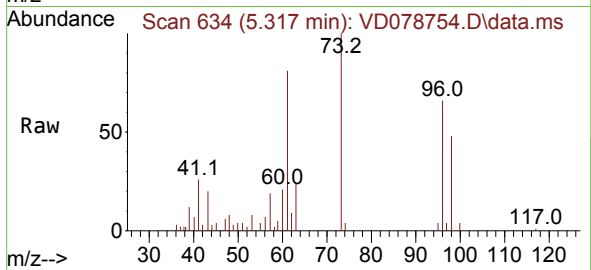




#21
trans-1,2-Dichloroethene
Concen: 18.168 ug/l
RT: 5.317 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

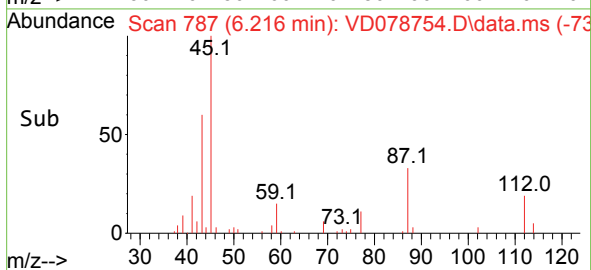
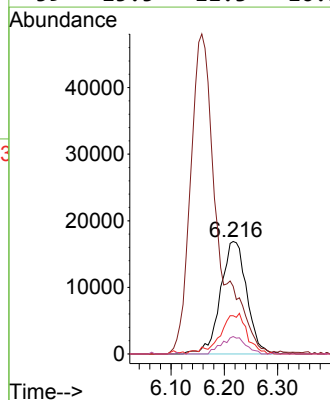
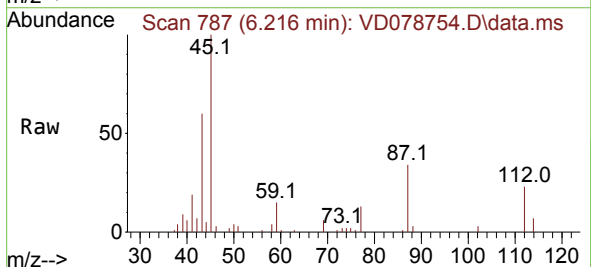
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

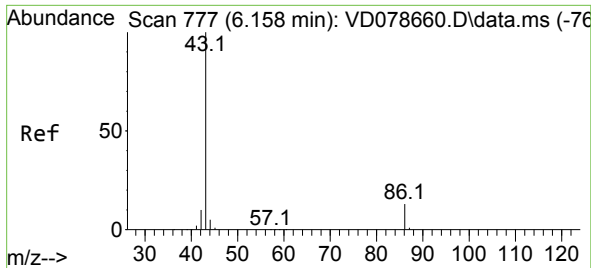
Tgt Ion: 96 Resp: 23353
Ion Ratio Lower Upper
96 100
61 121.3 96.1 144.1
98 72.8 48.9 73.3



#22
Diisopropyl ether
Concen: 20.853 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion: 45 Resp: 57627
Ion Ratio Lower Upper
45 100
43 57.6 44.3 66.5
87 34.0 28.3 42.5
59 15.5 11.3 16.9

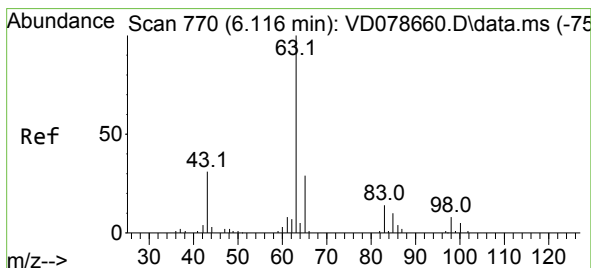
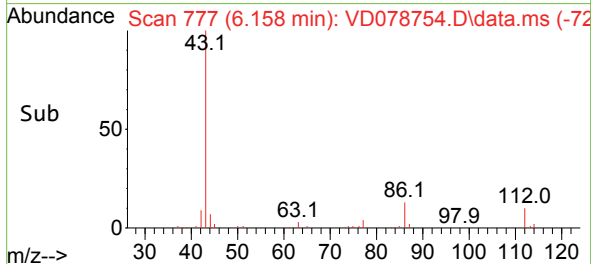
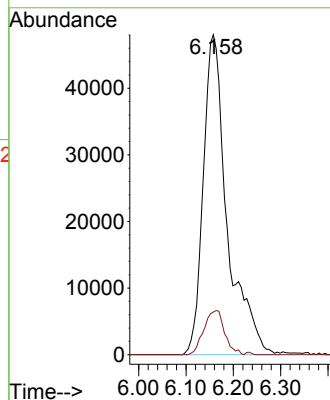
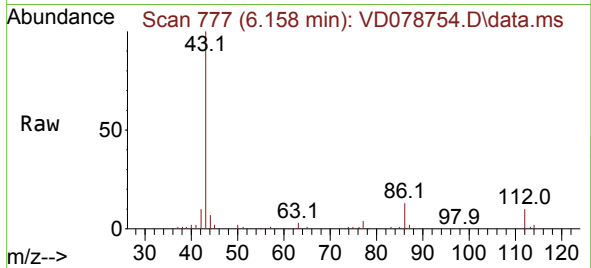




#23
 Vinyl Acetate
 Concen: 104.645 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078754.D
 Acq: 27 Mar 2024 16:11

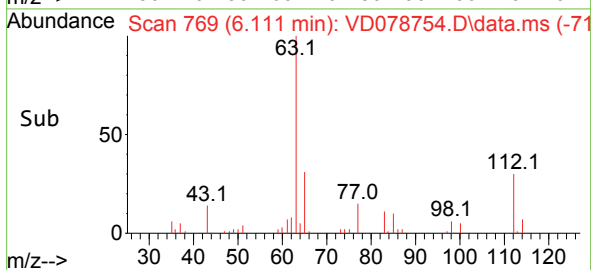
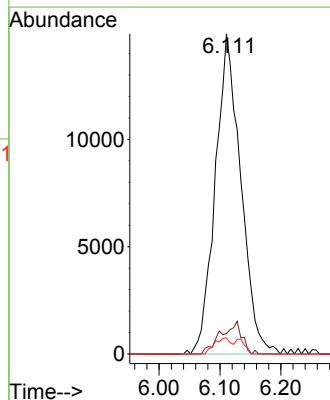
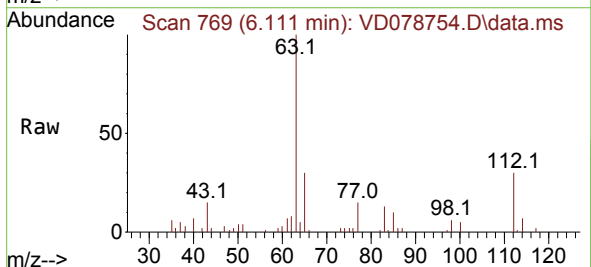
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBS01

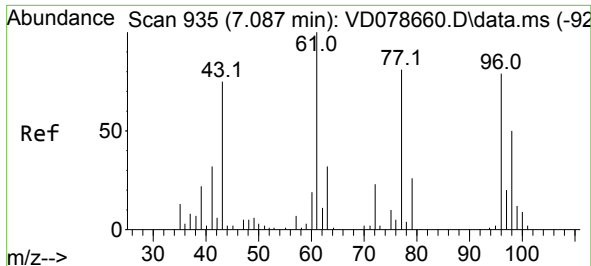
Tgt Ion: 43 Resp: 169158
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 20.946 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078754.D
 Acq: 27 Mar 2024 16:11

Tgt Ion: 63 Resp: 43398
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.0 11.9
 100 5.1 2.7 8.1





#25

2-Butanone

Concen: 112.136 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

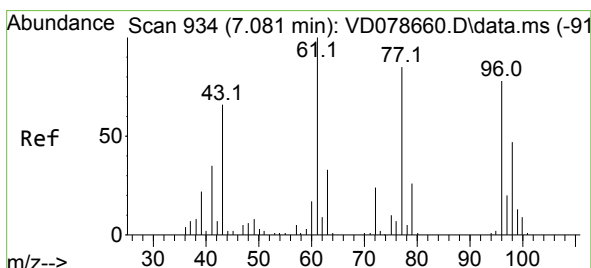
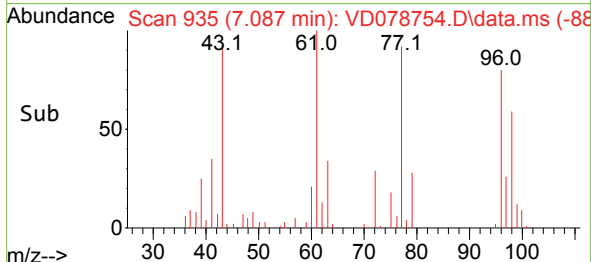
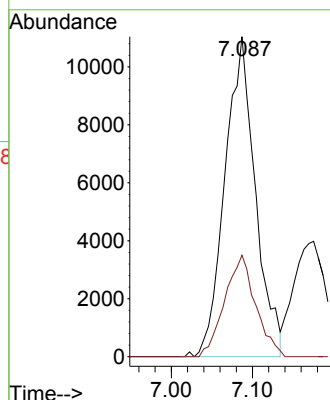
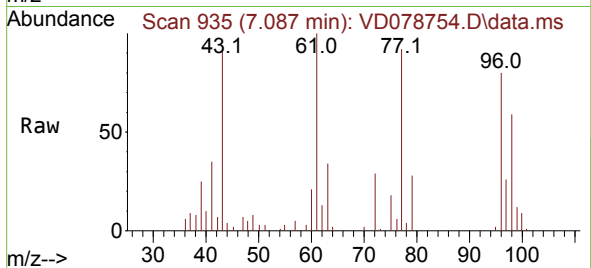
VD0327SBS01

Tgt Ion: 43 Resp: 28765

Ion Ratio Lower Upper

43 100

72 31.7 25.0 37.6



#26

2,2-Dichloropropane

Concen: 19.263 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.012 min

Lab File: VD078754.D

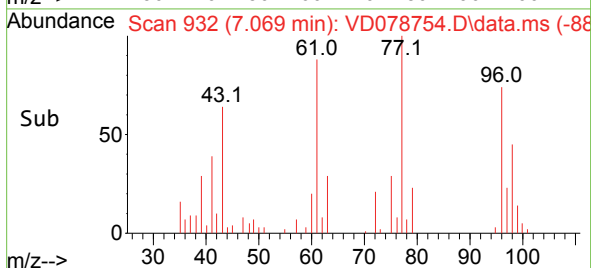
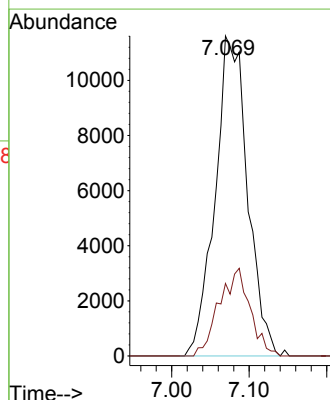
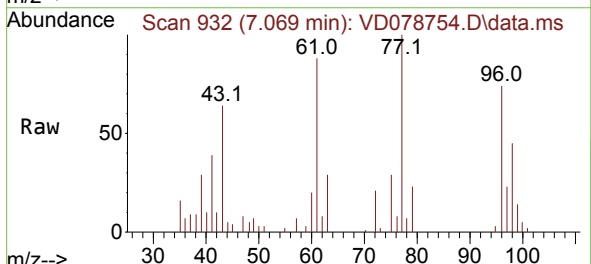
Acq: 27 Mar 2024 16:11

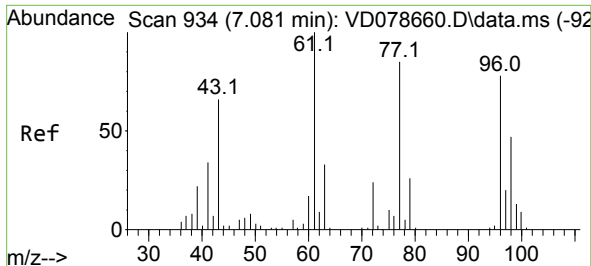
Tgt Ion: 77 Resp: 33768

Ion Ratio Lower Upper

77 100

97 26.1 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 18.840 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBS01

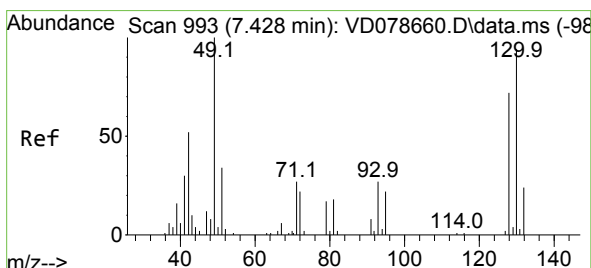
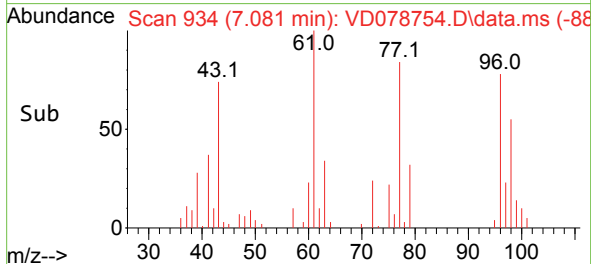
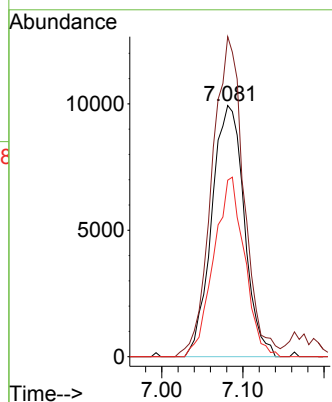
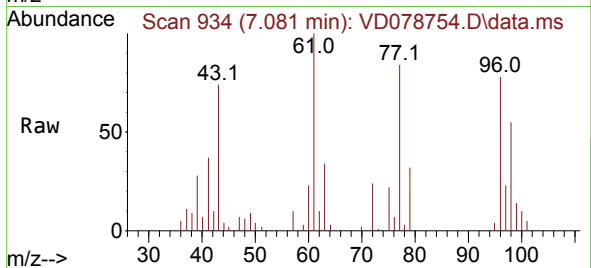
Tgt Ion: 96 Resp: 27620

Ion Ratio Lower Upper

96 100

61 125.2 0.0 245.0

98 67.8 0.0 126.6



#28

Bromochloromethane

Concen: 23.714 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

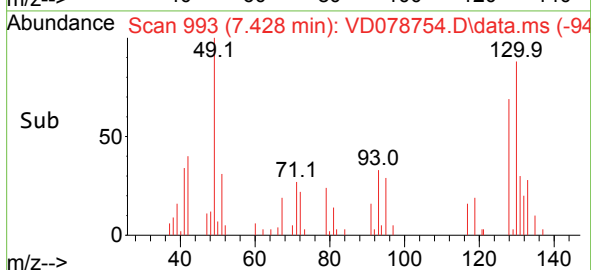
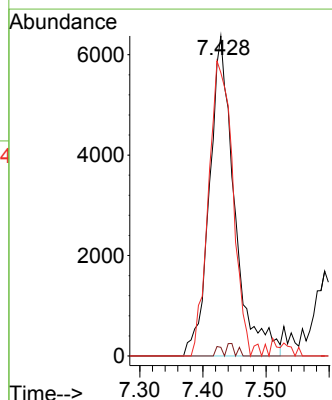
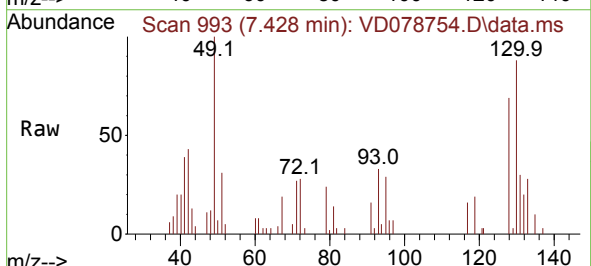
Tgt Ion: 49 Resp: 17517

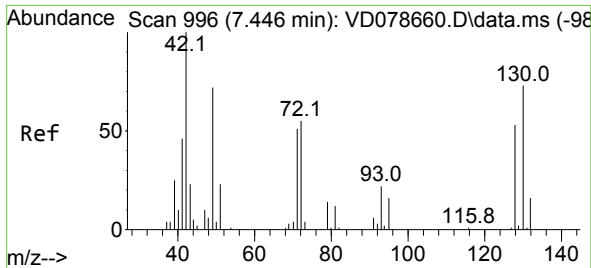
Ion Ratio Lower Upper

49 100

129 0.7 0.0 6.2

130 89.7 77.1 115.7

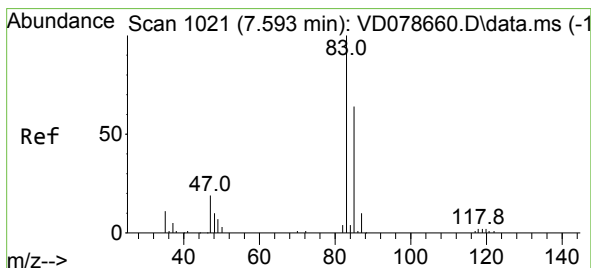
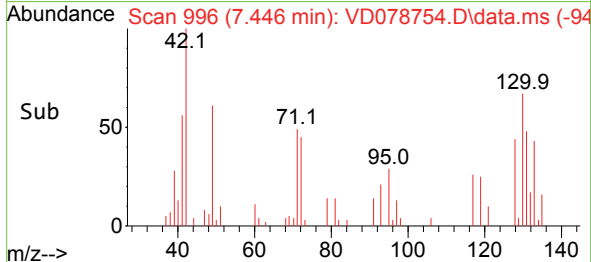
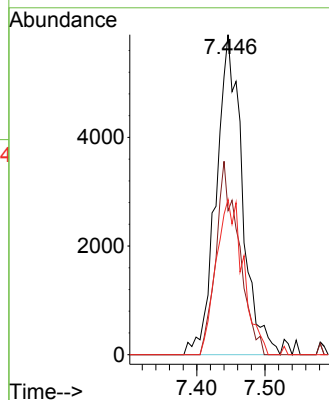
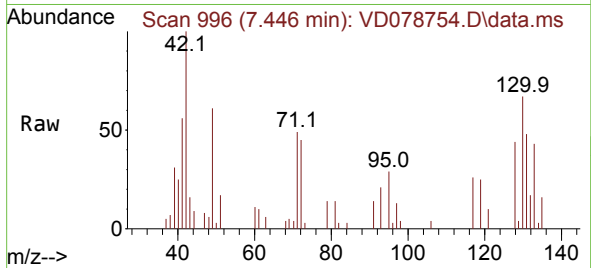




#29
Tetrahydrofuran
Concen: 112.800 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

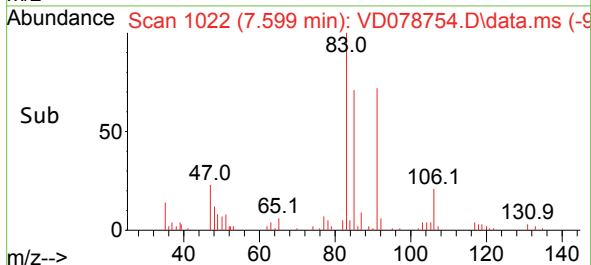
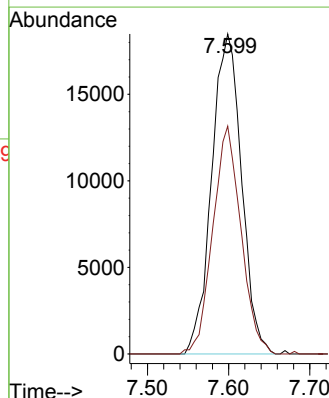
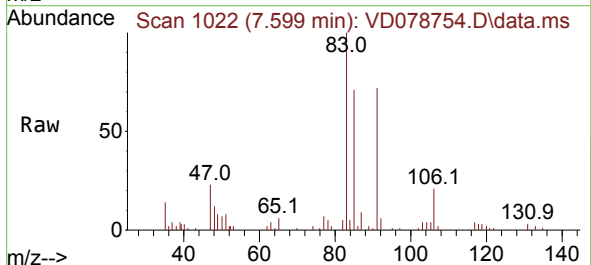
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

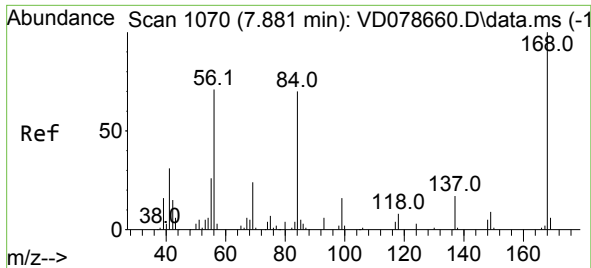
Tgt Ion:	42	Resp:	15738
Ion Ratio	Lower	Upper	
42	100		
72	52.7	43.8	65.6
71	50.4	42.0	63.0



#30
Chloroform
Concen: 20.450 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

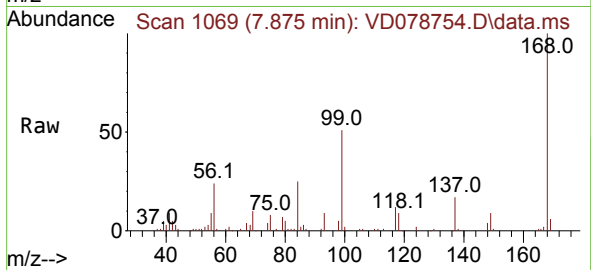
Tgt Ion:	83	Resp:	47242
Ion Ratio	Lower	Upper	
83	100		
85	71.2	51.2	76.8



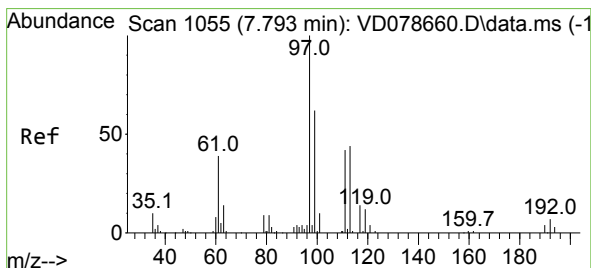
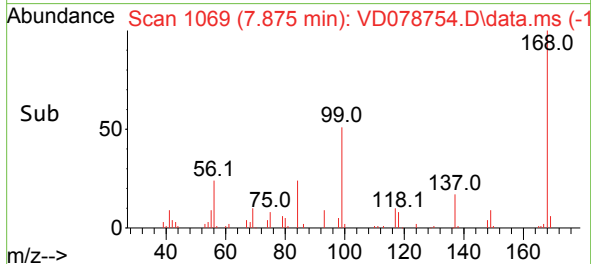
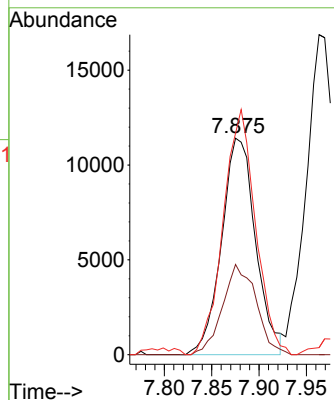


#31
Cyclohexane
Concen: 17.030 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

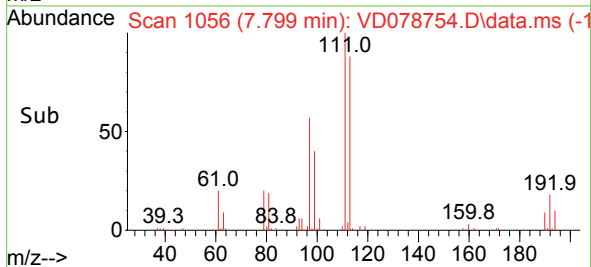
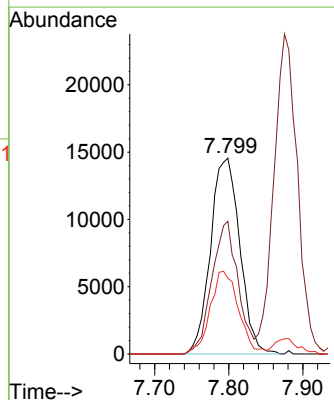
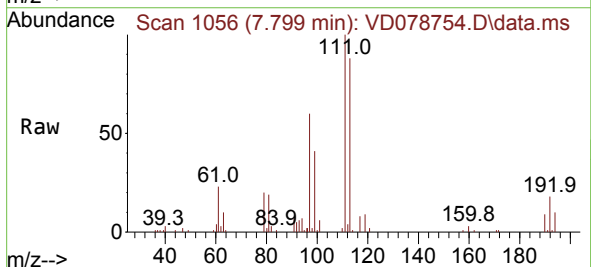


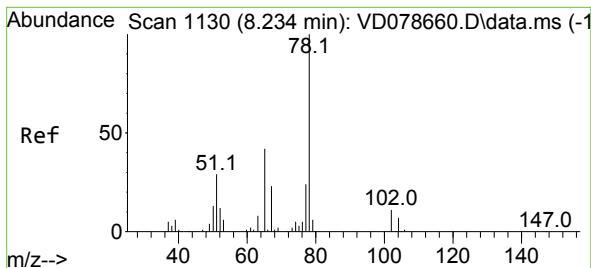
Tgt Ion: 56 Resp: 28561
Ion Ratio Lower Upper
56 100
69 41.7 26.6 40.0#
84 100.2 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 20.350 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion: 97 Resp: 39887
Ion Ratio Lower Upper
97 100
99 60.6 50.8 76.2
61 40.5 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 54.016 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

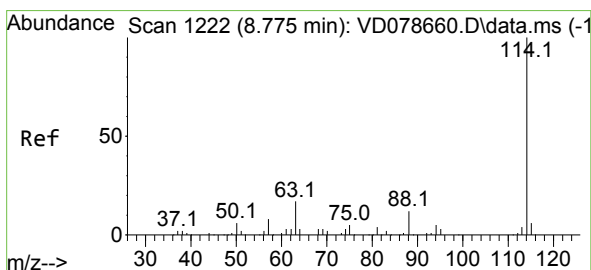
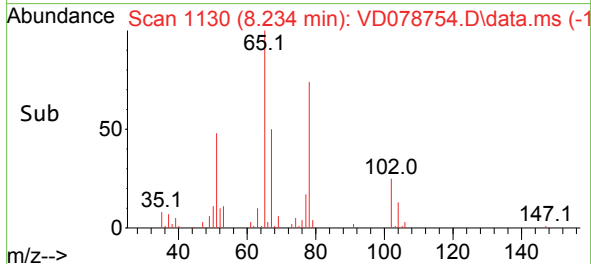
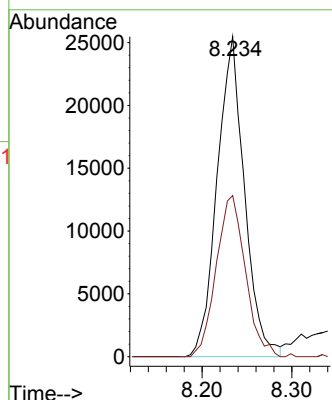
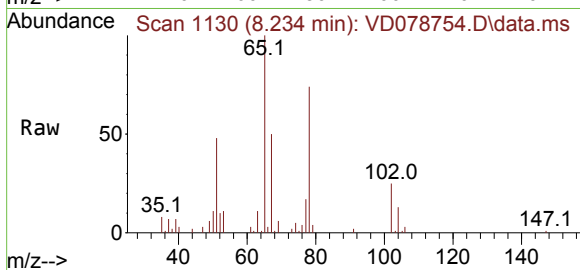
VD0327SBS01

Tgt Ion: 65 Resp: 53896

Ion Ratio Lower Upper

65 100

67 53.6 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

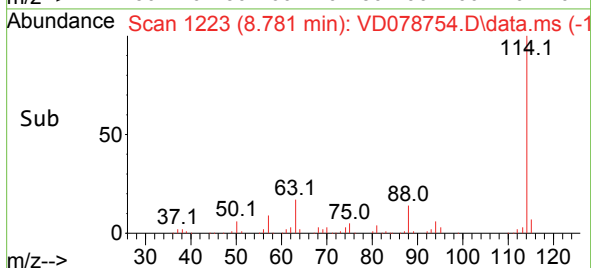
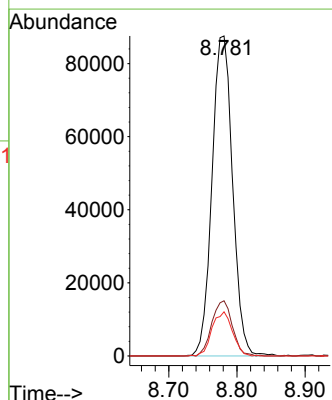
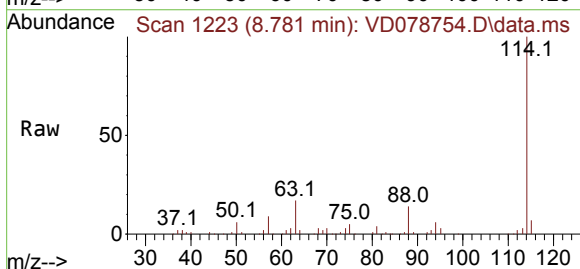
Tgt Ion: 114 Resp: 184226

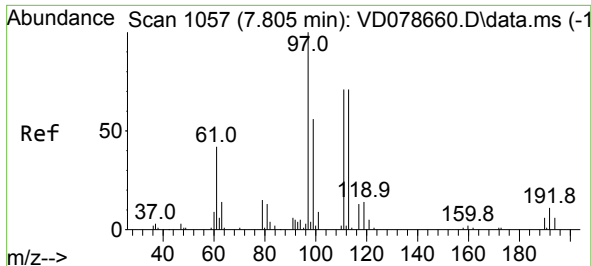
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 13.8 0.0 24.6





#35

Dibromofluoromethane

Concen: 51.837 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBS01

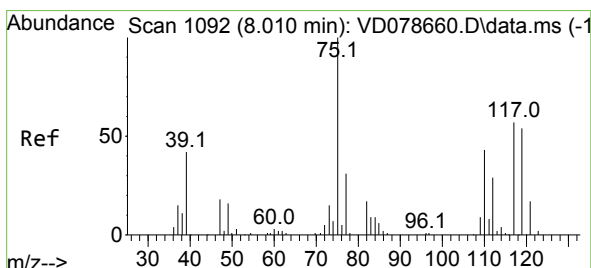
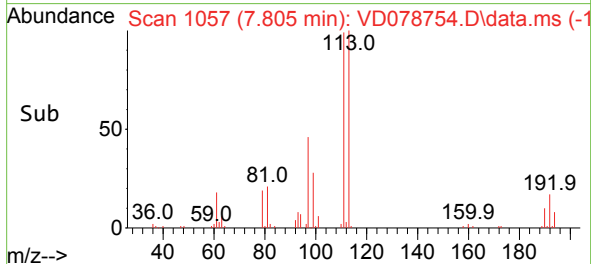
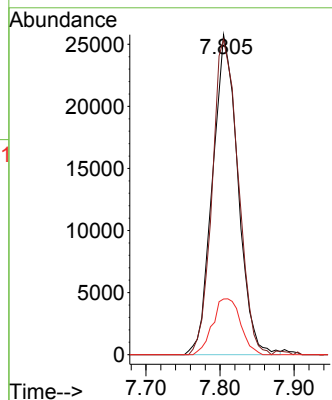
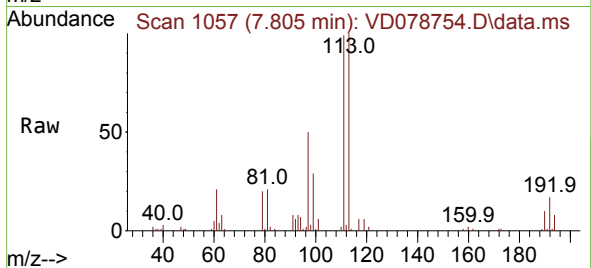
Tgt Ion:113 Resp: 61486

Ion Ratio Lower Upper

113 100

111 100.4 81.9 122.9

192 19.1 15.4 23.0



#36

1,1-Dichloropropene

Concen: 17.998 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

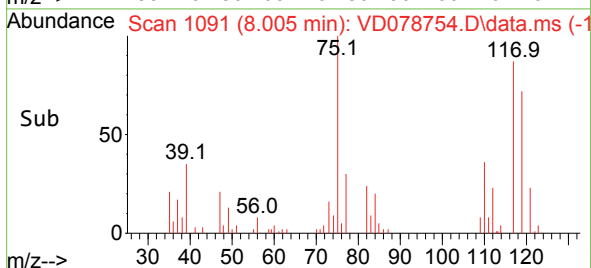
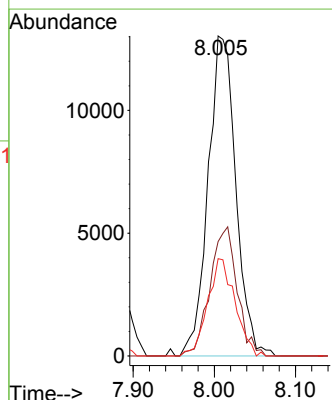
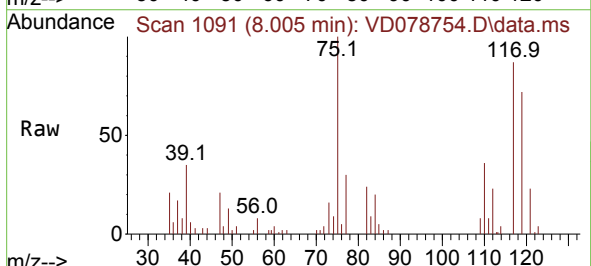
Tgt Ion: 75 Resp: 30974

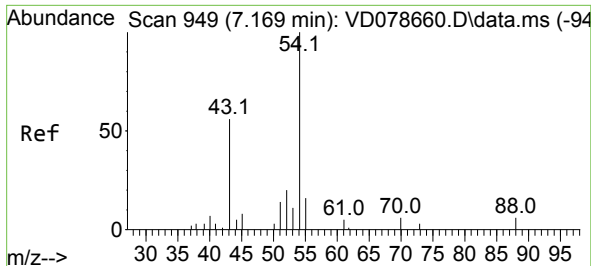
Ion Ratio Lower Upper

75 100

110 39.5 19.1 57.1

77 30.0 25.4 38.2





#37

Ethyl Acetate

Concen: 21.854 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBS01

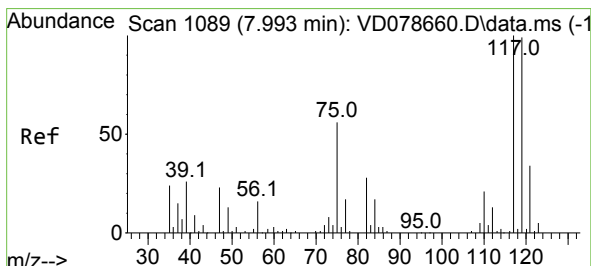
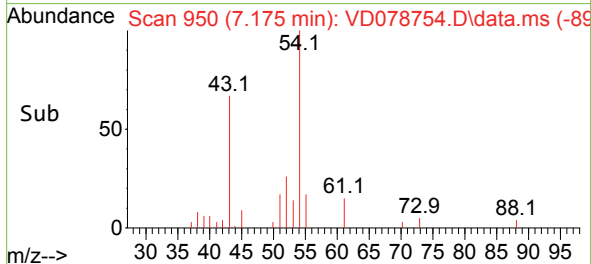
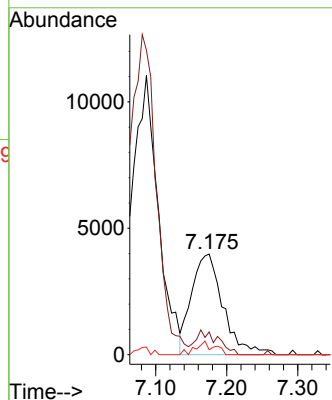
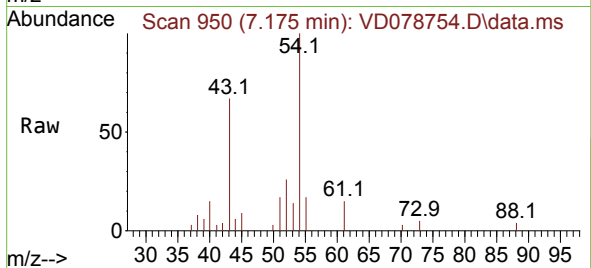
Tgt Ion: 43 Resp: 12287

Ion Ratio Lower Upper

43 100

61 17.4 14.6 21.8

70 7.8 9.4 14.0#



#38

Carbon Tetrachloride

Concen: 18.886 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

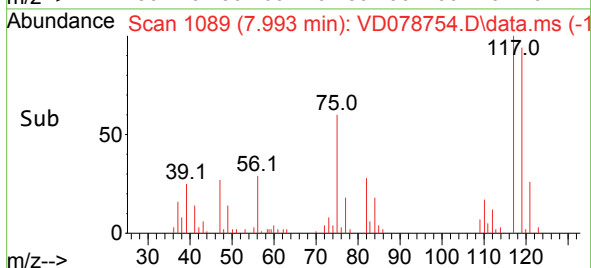
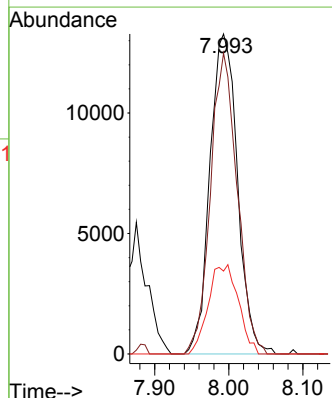
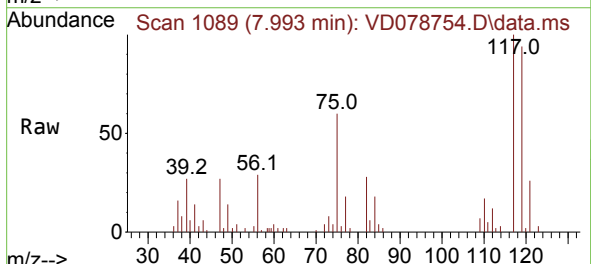
Tgt Ion: 117 Resp: 34265

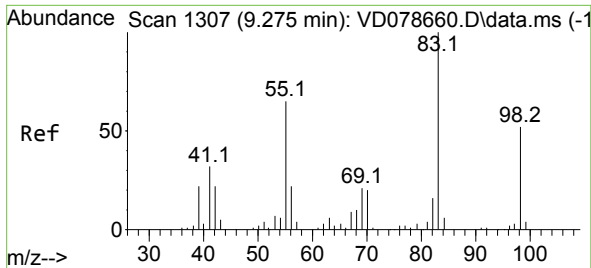
Ion Ratio Lower Upper

117 100

119 94.0 79.2 118.8

121 25.9 26.8 40.2#





#39

Methylcyclohexane

Concen: 15.509 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBS01

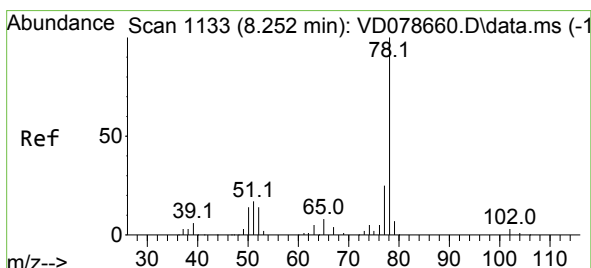
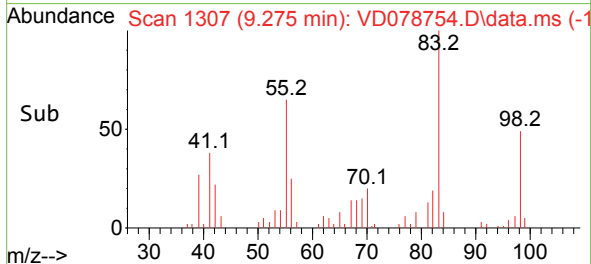
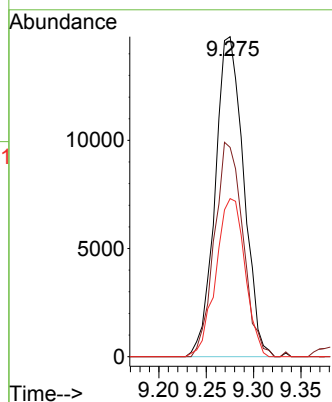
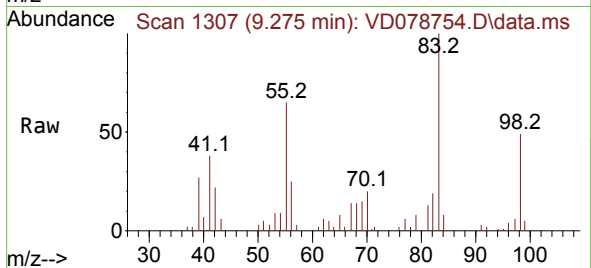
Tgt Ion: 83 Resp: 30962

Ion Ratio Lower Upper

83 100

55 65.4 51.7 77.5

98 49.4 41.4 62.0



#40

Benzene

Concen: 19.437 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078754.D

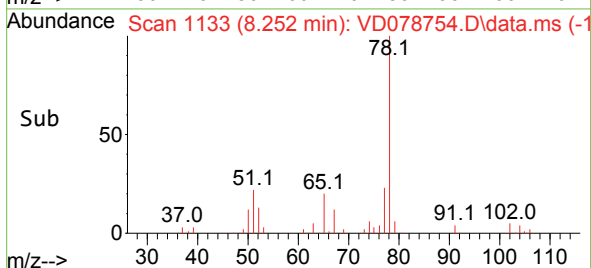
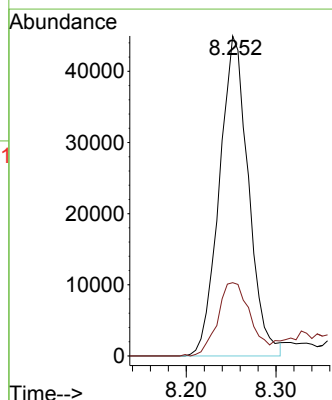
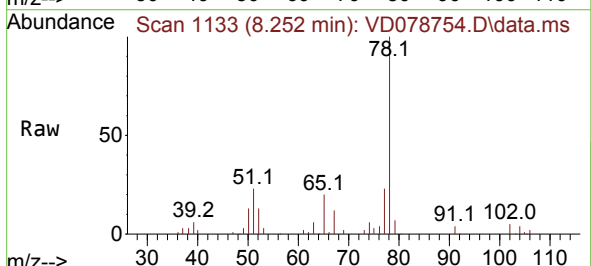
Acq: 27 Mar 2024 16:11

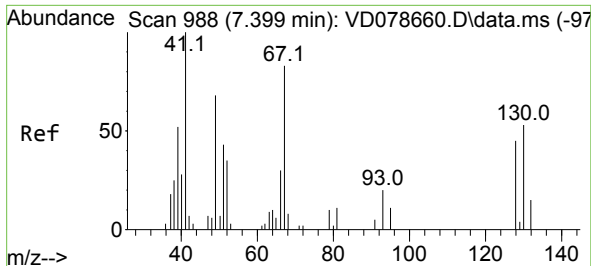
Tgt Ion: 78 Resp: 101117

Ion Ratio Lower Upper

78 100

77 22.9 20.4 30.6



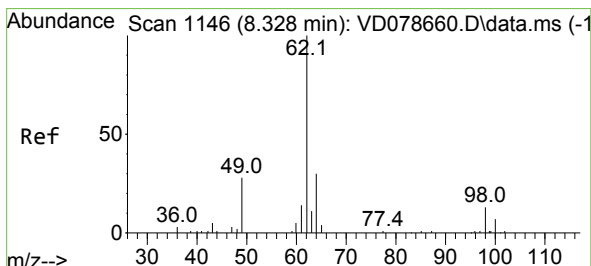
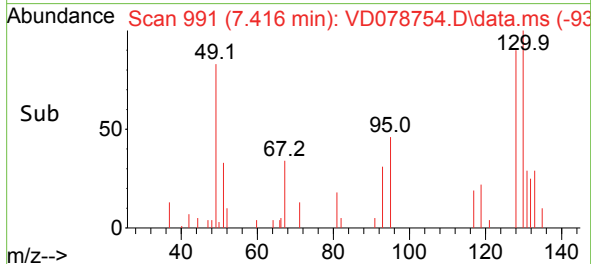
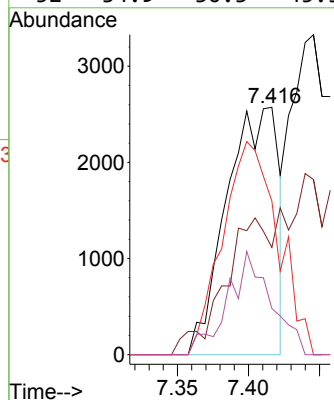
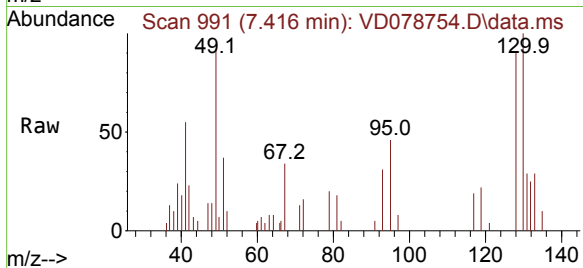


#41
Methacrylonitrile
Concen: 22.214 ug/l
RT: 7.416 min Scan# 991
Delta R.T. 0.018 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

Tgt Ion: 41 Resp: 6545

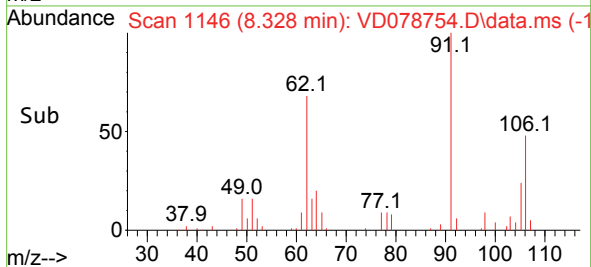
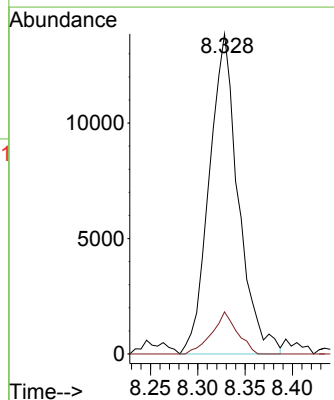
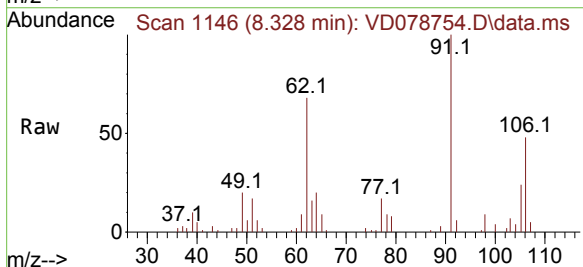
Ion	Ratio	Lower	Upper
41	100		
39	49.8	39.8	59.6
67	91.5	83.5	125.3
52	34.9	30.3	45.5

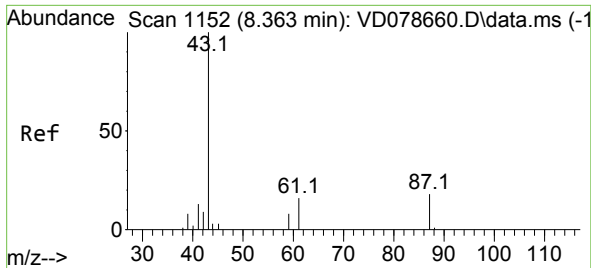


#42
1,2-Dichloroethane
Concen: 23.381 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion: 62 Resp: 29664

Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	23.8

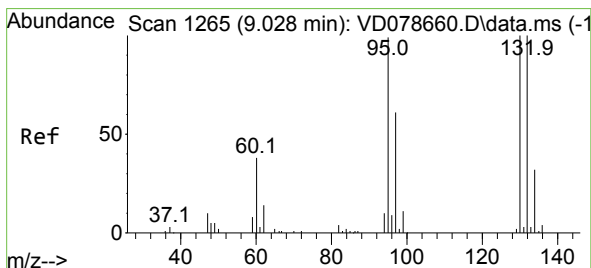
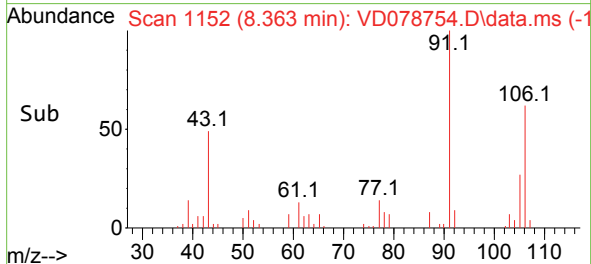
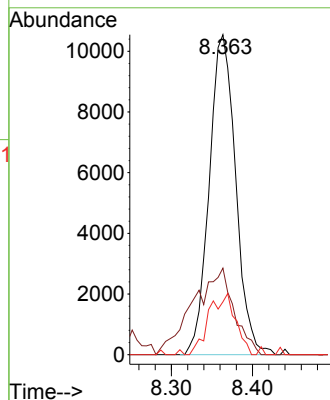
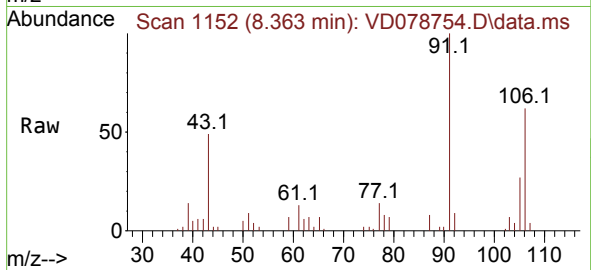




#43
Isopropyl Acetate
Concen: 23.327 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

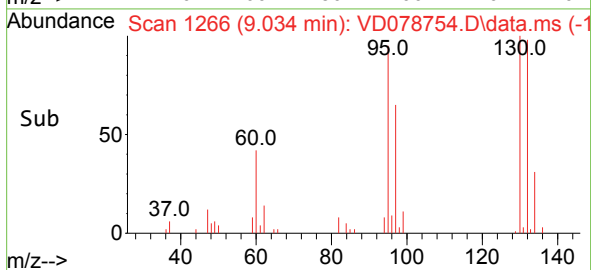
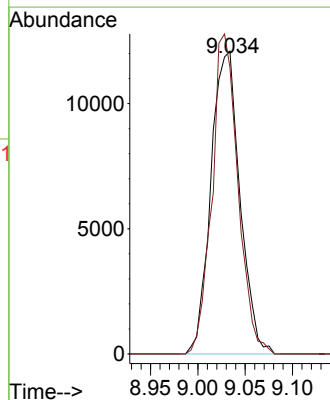
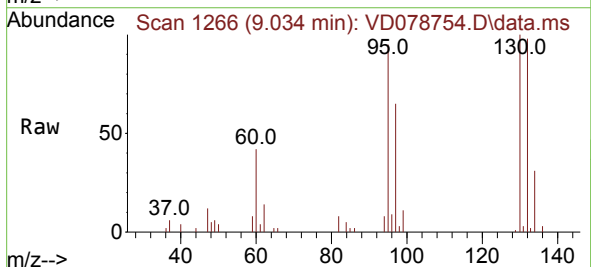
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

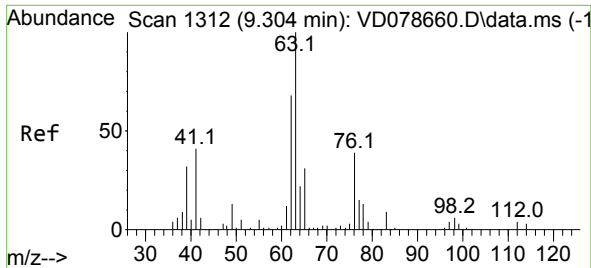
Tgt Ion: 43	Resp: 23851
Ion Ratio	Lower Upper
43 100	
61 41.9	30.1 45.1
87 19.3	14.4 21.6



#44
Trichloroethene
Concen: 18.261 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion:130	Resp: 25781
Ion Ratio	Lower Upper
130 100	
95 94.6	0.0 197.8





#45

1,2-Dichloropropane

Concen: 19.660 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

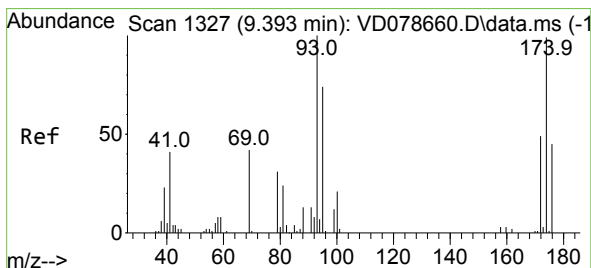
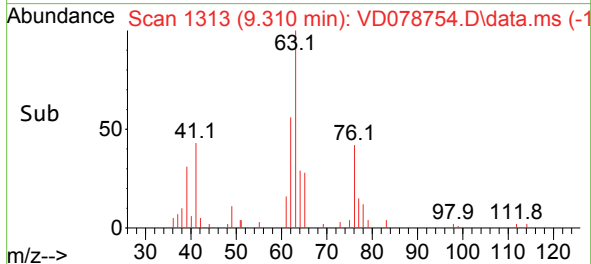
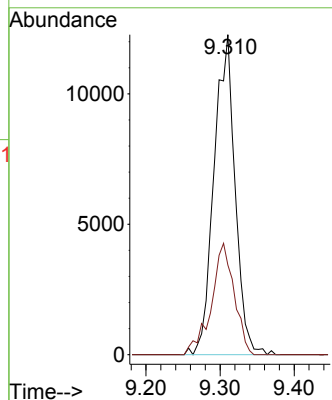
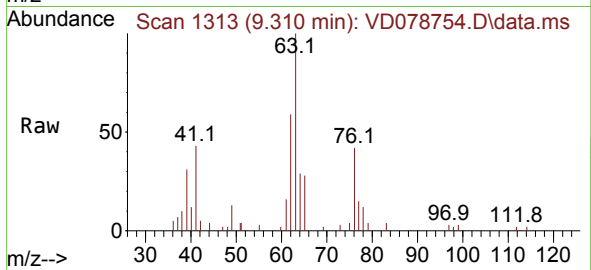
VD0327SBS01

Tgt Ion: 63 Resp: 24262

Ion Ratio Lower Upper

63 100

65 28.0 24.8 37.2



#46

Dibromomethane

Concen: 21.068 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

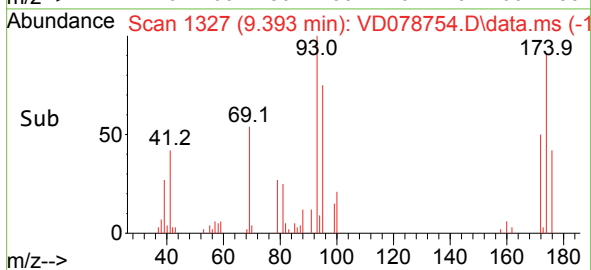
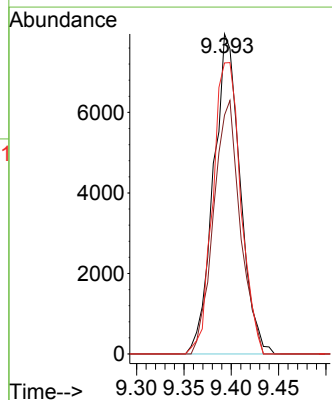
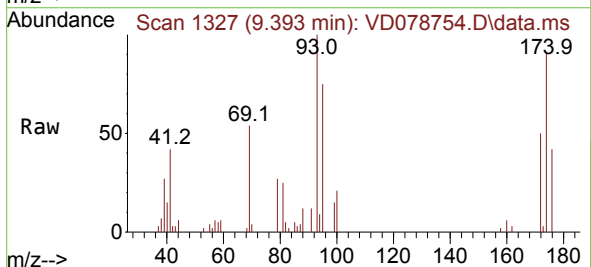
Tgt Ion: 93 Resp: 15586

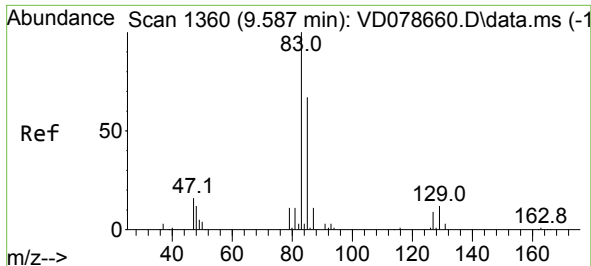
Ion Ratio Lower Upper

93 100

95 79.0 67.3 100.9

174 95.2 80.9 121.3





#47

Bromodichloromethane

Concen: 21.926 ug/l

RT: 9.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

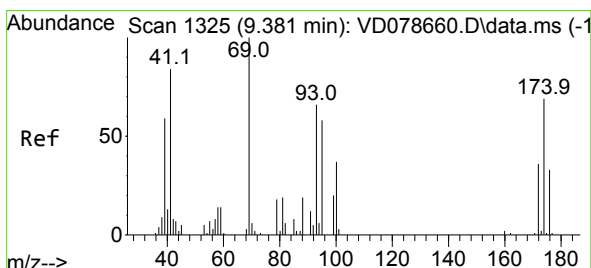
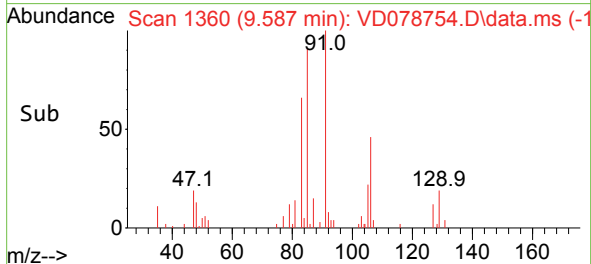
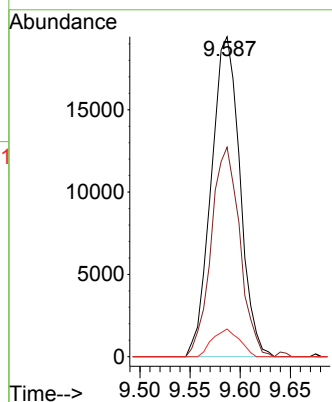
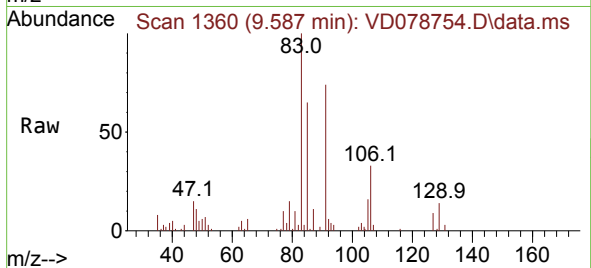
Instrument :

MSVOA_D

ClientSampleId :

VD0327SBS01

Tgt Ion: 83	Resp: 38615
Ion Ratio	Lower Upper
83	100
85	65.5 54.0 81.0
127	8.6 7.1 10.7



#48

Methyl methacrylate

Concen: 19.918 ug/l

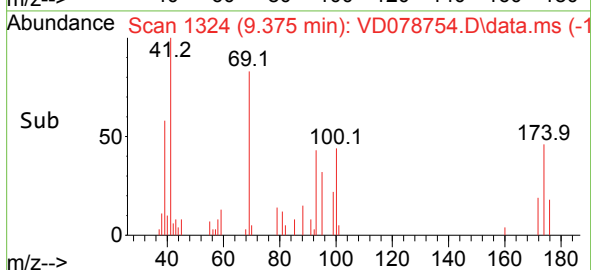
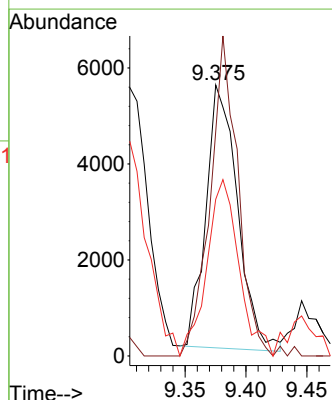
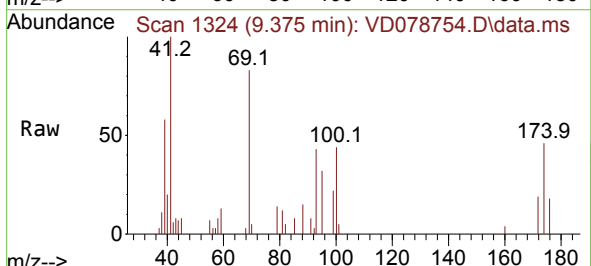
RT: 9.375 min Scan# 1324

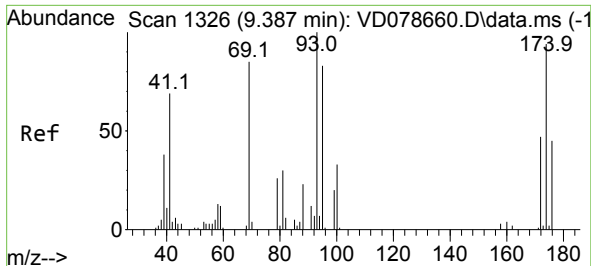
Delta R.T. -0.006 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Tgt Ion: 41	Resp: 9923
Ion Ratio	Lower Upper
41	100
69	106.0 88.3 132.5
39	67.8 46.6 69.8





#49

1,4-Dioxane

Concen: 435.645 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBS01

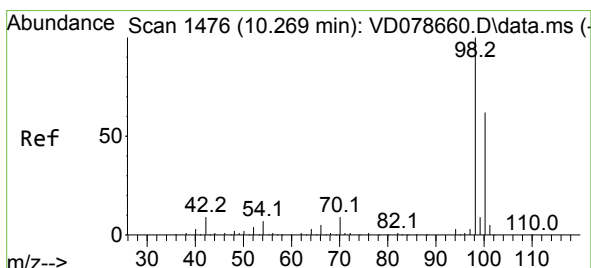
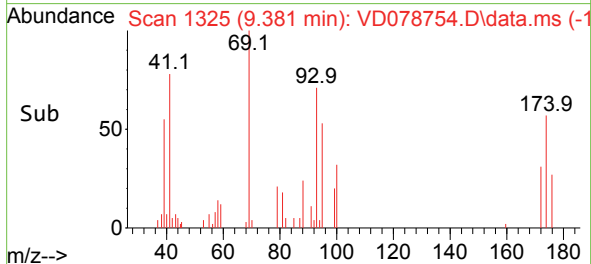
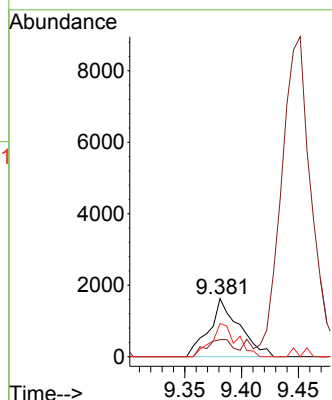
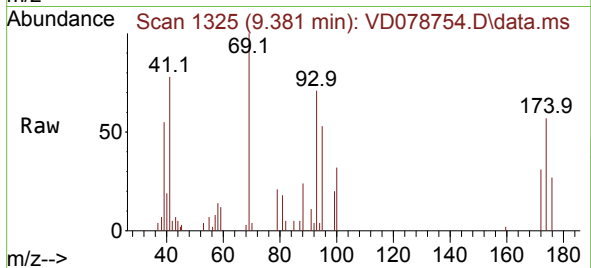
Tgt Ion: 88 Resp: 2984

Ion Ratio Lower Upper

88 100

43 27.3 23.2 34.8

58 47.9 51.0 76.6#



#50

Toluene-d8

Concen: 50.854 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078754.D

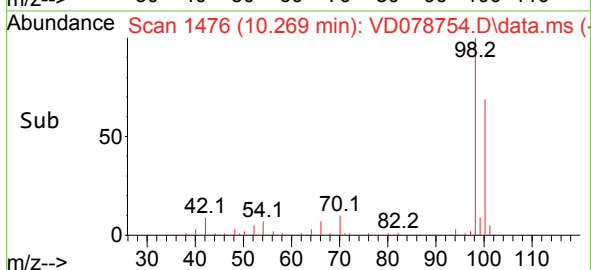
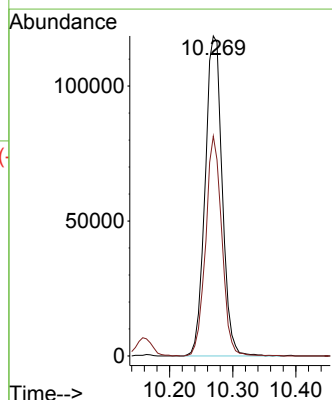
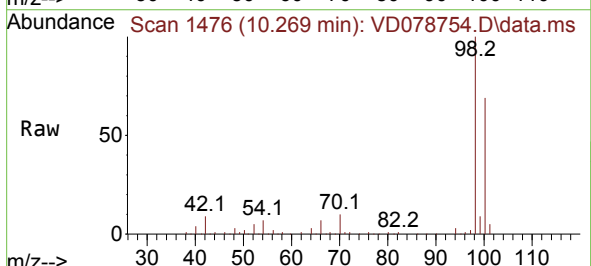
Acq: 27 Mar 2024 16:11

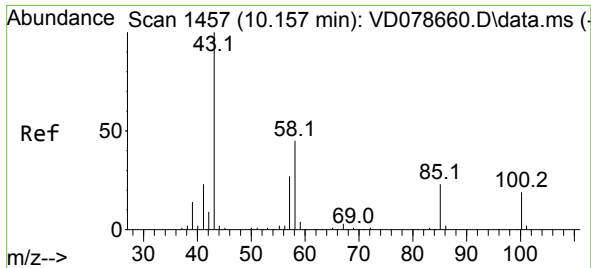
Tgt Ion: 98 Resp: 221839

Ion Ratio Lower Upper

98 100

100 65.3 50.5 75.7

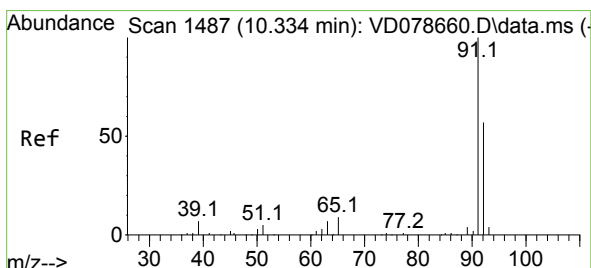
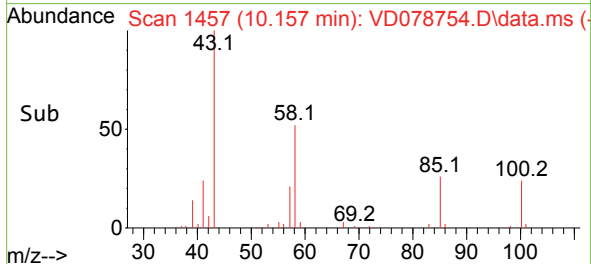
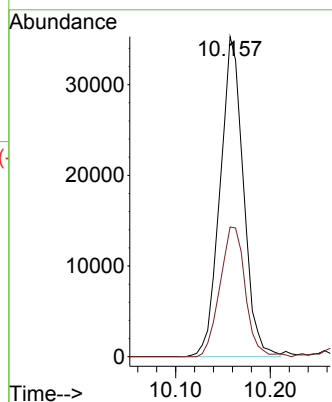
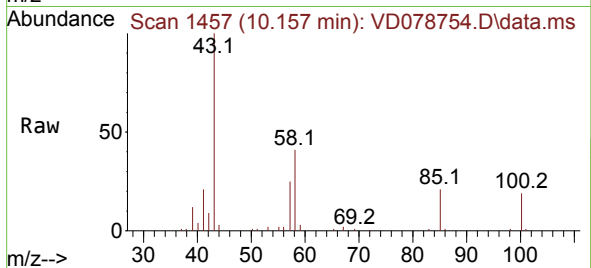




#51
4-Methyl-2-Pentanone
Concen: 112.973 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

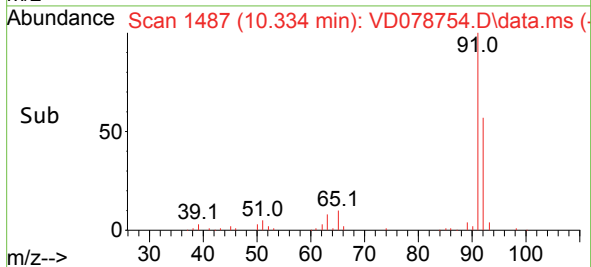
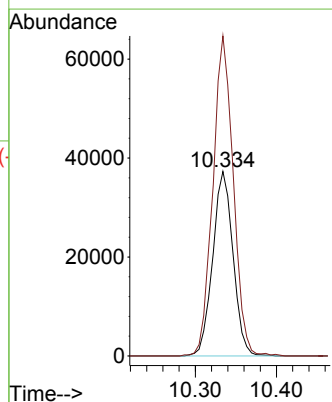
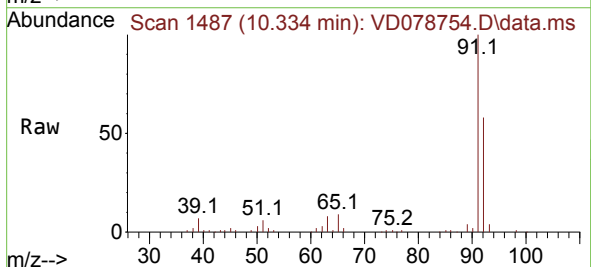
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

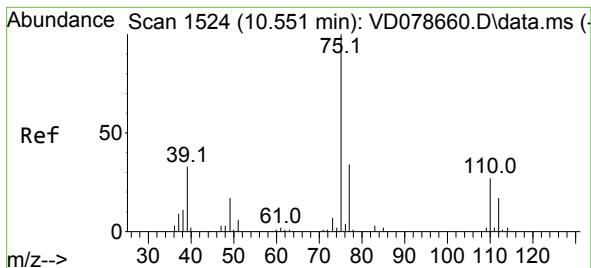
Tgt Ion: 43 Resp: 60389
Ion Ratio Lower Upper
43 100
58 44.1 36.4 54.6



#52
Toluene
Concen: 19.386 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion: 92 Resp: 64929
Ion Ratio Lower Upper
92 100
91 174.5 136.6 205.0

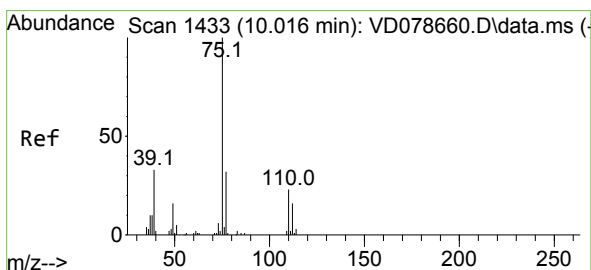
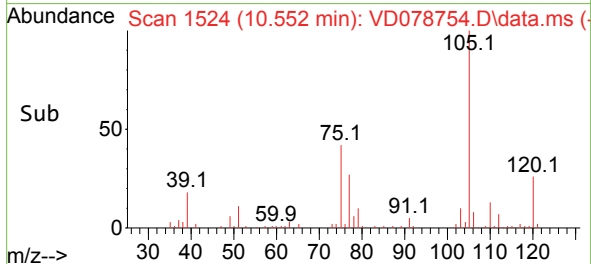
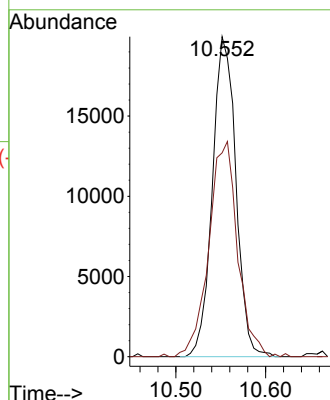
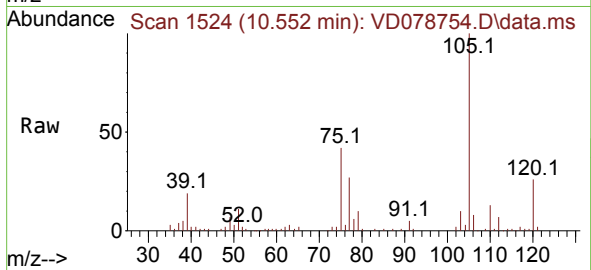




#53
 t-1,3-Dichloropropene
 Concen: 22.513 ug/l
 RT: 10.552 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD078754.D
 Acq: 27 Mar 2024 16:11

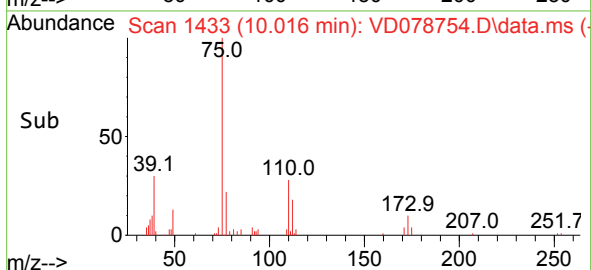
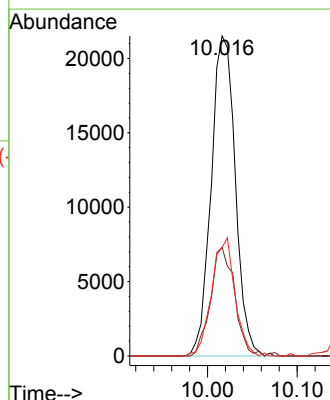
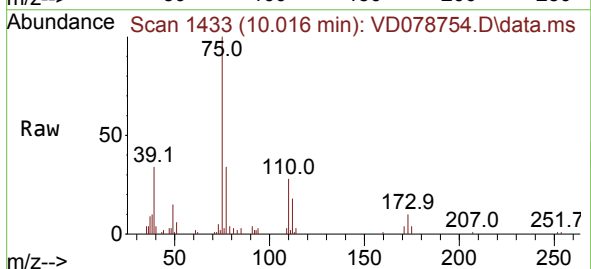
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBS01

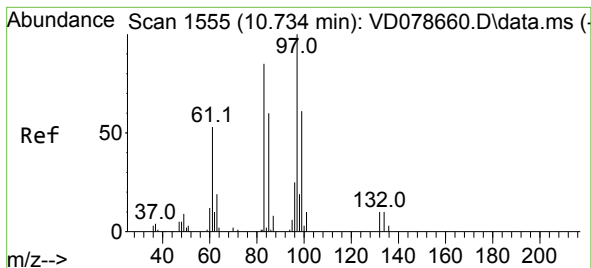
Tgt Ion: 75 Resp: 36251
 Ion Ratio Lower Upper
 75 100
 77 63.7 27.1 40.7#



#54
 cis-1,3-Dichloropropene
 Concen: 20.758 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078754.D
 Acq: 27 Mar 2024 16:11

Tgt Ion: 75 Resp: 40181
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.4 38.0
 39 33.8 26.7 40.1

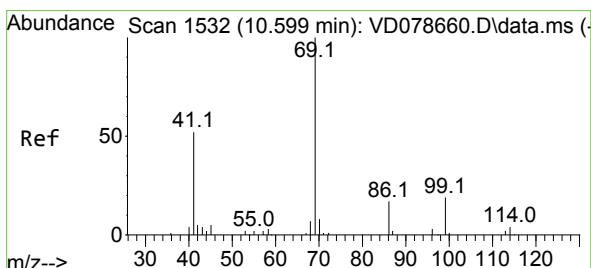
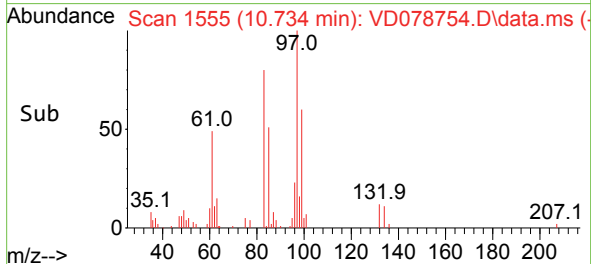
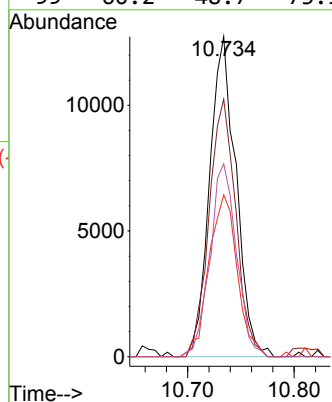
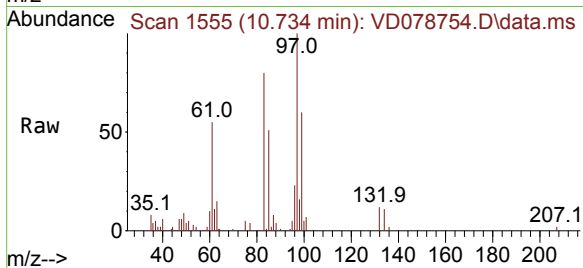




#55
1,1,2-Trichloroethane
Concen: 22.032 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

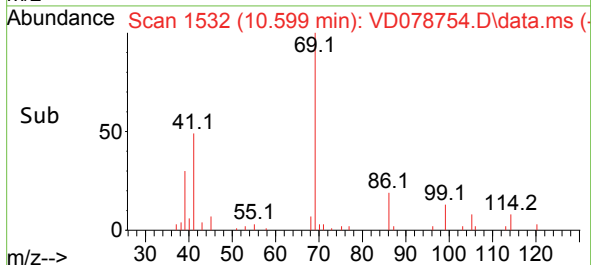
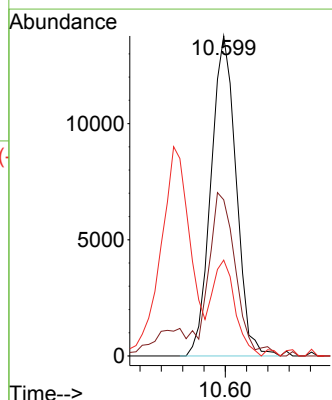
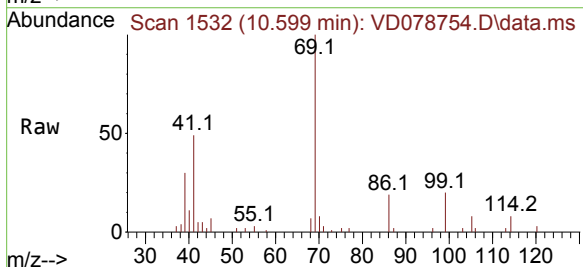
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

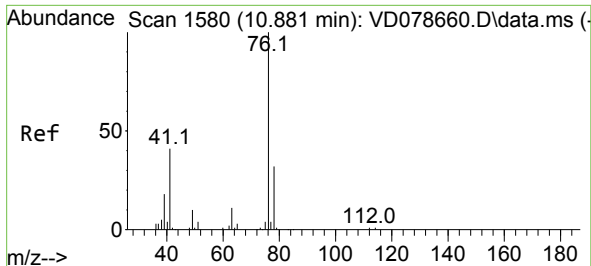
Tgt Ion:	97	Resp:	21826
Ion	Ratio	Lower	Upper
97	100		
83	80.4	68.1	102.1
85	50.6	48.2	72.2
99	60.2	48.7	73.1



#56
Ethyl methacrylate
Concen: 22.668 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion:	69	Resp:	22512
Ion	Ratio	Lower	Upper
69	100		
41	55.6	40.9	61.3
39	27.0	25.5	38.3





#57

1,3-Dichloropropane

Concen: 24.151 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

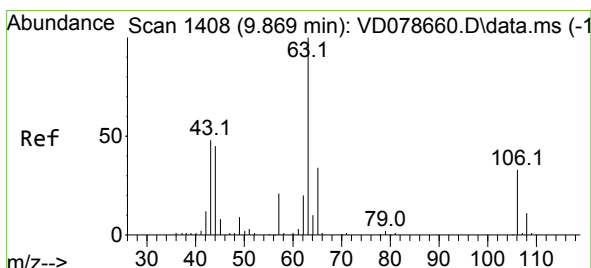
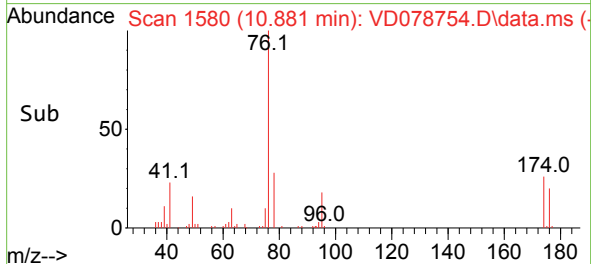
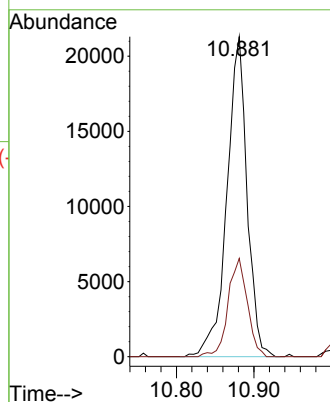
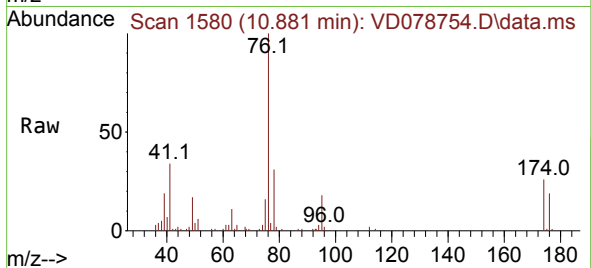
VD0327SBS01

Tgt Ion: 76 Resp: 38606

Ion Ratio Lower Upper

76 100

78 29.3 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 114.689 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078754.D

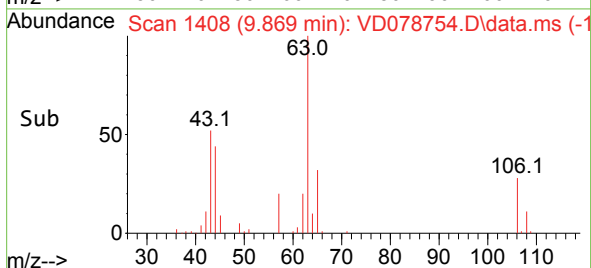
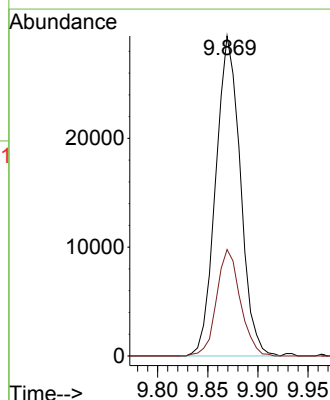
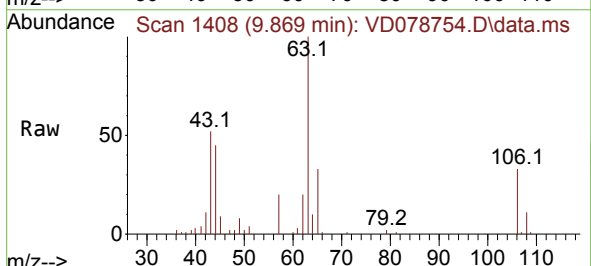
Acq: 27 Mar 2024 16:11

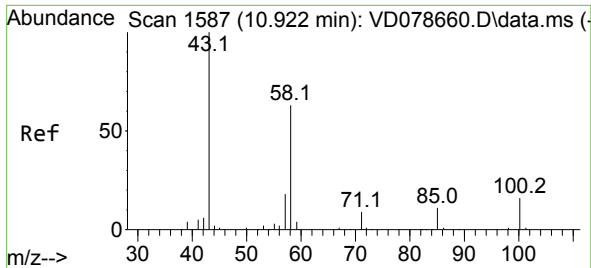
Tgt Ion: 63 Resp: 50223

Ion Ratio Lower Upper

63 100

106 32.0 25.2 37.8

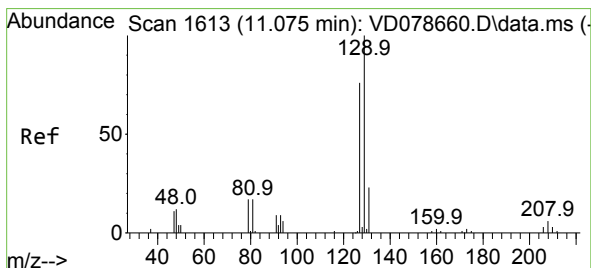
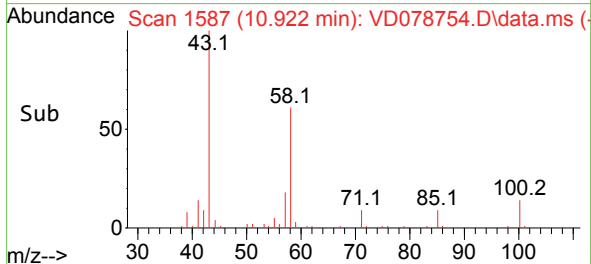
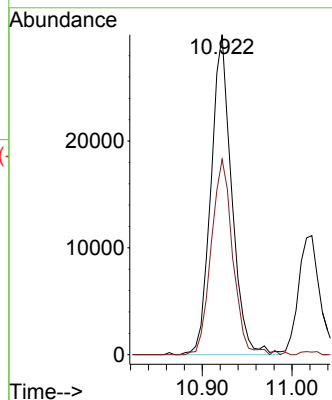
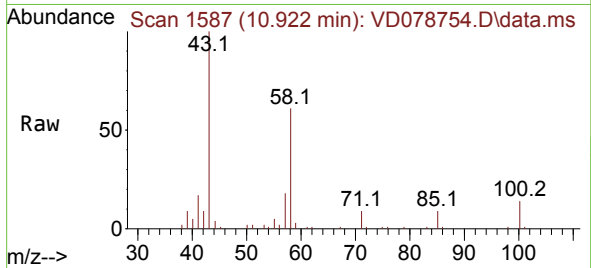




#59
2-Hexanone
Concen: 121.175 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

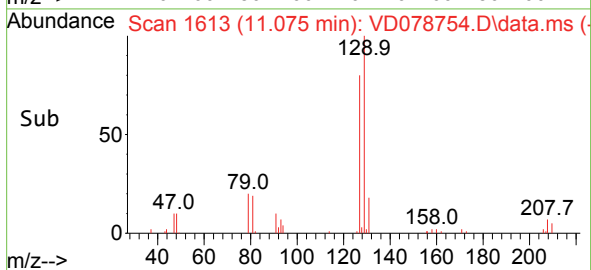
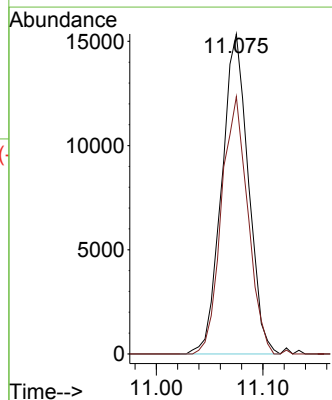
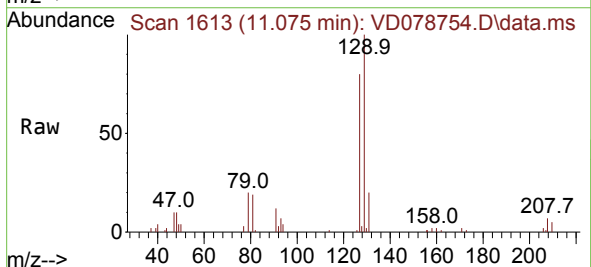
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

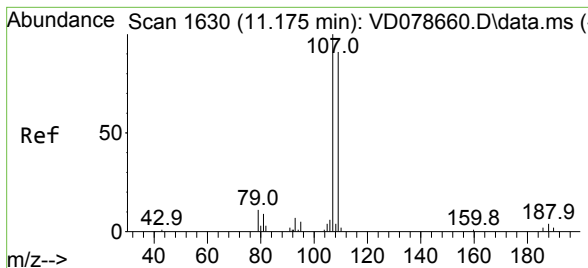
Tgt Ion: 43 Resp: 48017
Ion Ratio Lower Upper
43 100
58 63.6 31.5 94.5



#60
Dibromochloromethane
Concen: 21.798 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion: 129 Resp: 26631
Ion Ratio Lower Upper
129 100
127 79.6 38.8 116.3

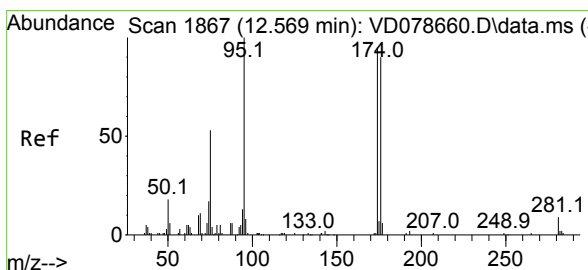
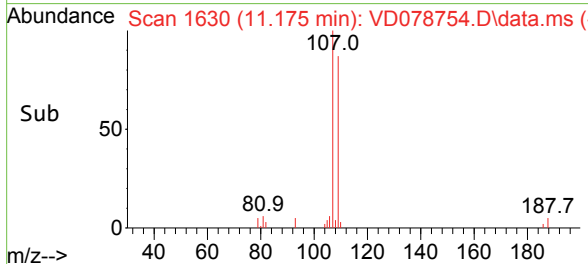
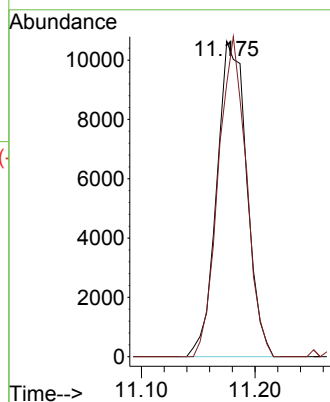
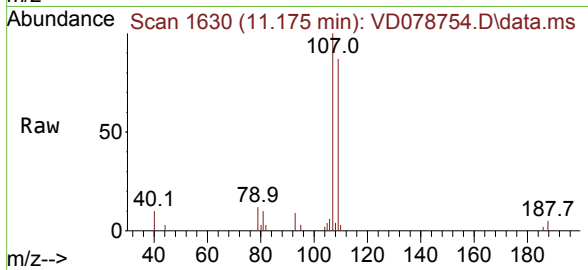




#61
1,2-Dibromoethane
Concen: 20.262 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

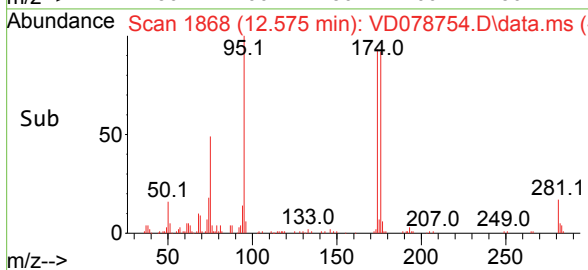
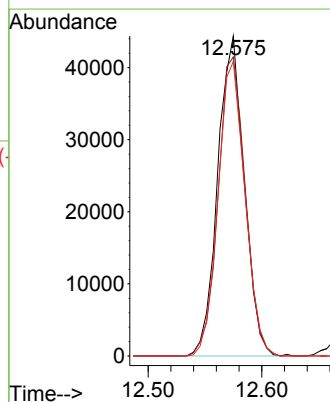
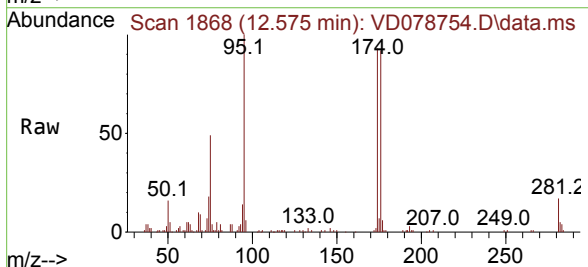
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

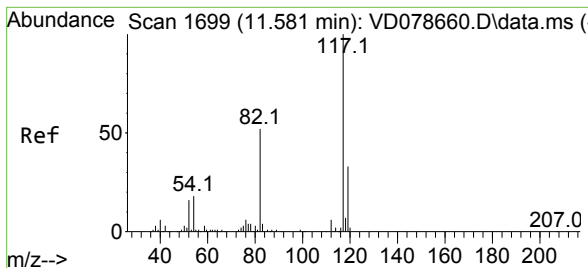
Tgt Ion:107 Resp: 19426
Ion Ratio Lower Upper
107 100
109 95.0 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 56.226 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion: 95 Resp: 71756
Ion Ratio Lower Upper
95 100
174 95.6 0.0 195.2
176 93.7 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBS01

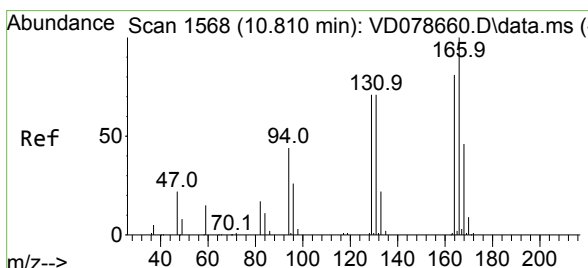
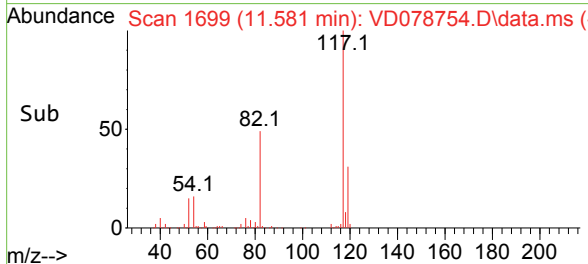
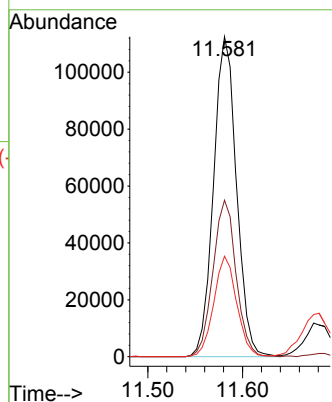
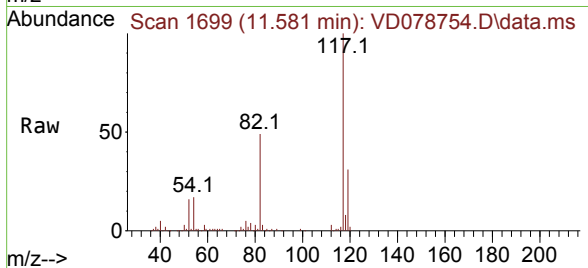
Tgt Ion:117 Resp: 189278

Ion Ratio Lower Upper

117 100

82 48.9 41.4 62.2

119 31.4 26.5 39.7



#64

Tetrachloroethene

Concen: 18.203 ug/l

RT: 10.816 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Tgt Ion:164 Resp: 22801

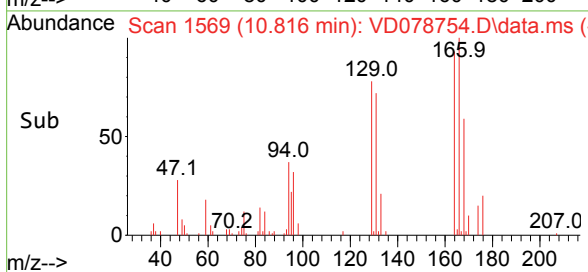
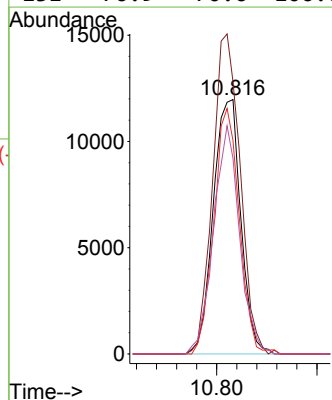
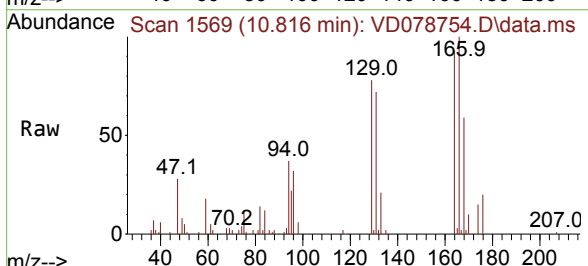
Ion Ratio Lower Upper

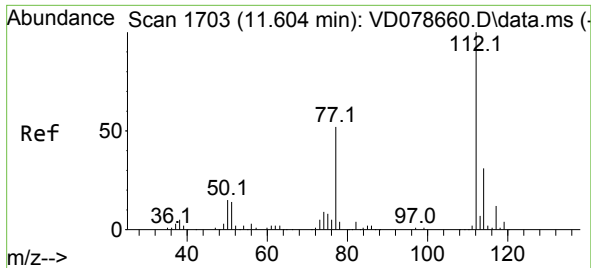
164 100

166 107.0 98.9 148.3

129 83.9 70.3 105.5

131 76.9 70.6 106.0

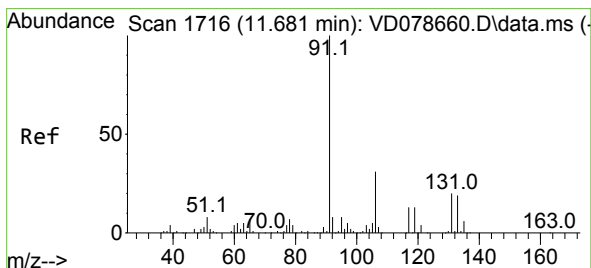
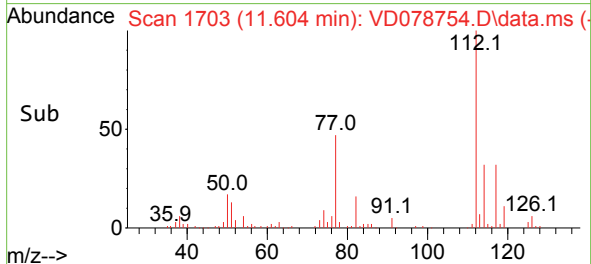
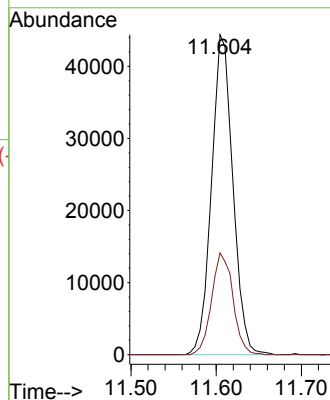
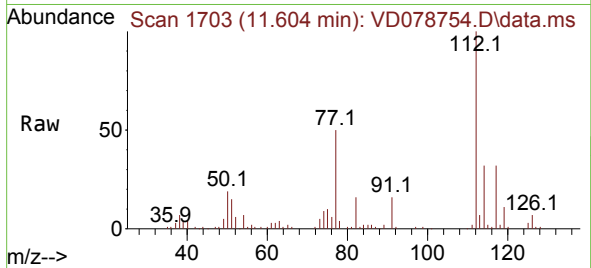




#65
Chlorobenzene
Concen: 19.577 ug/l
RT: 11.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

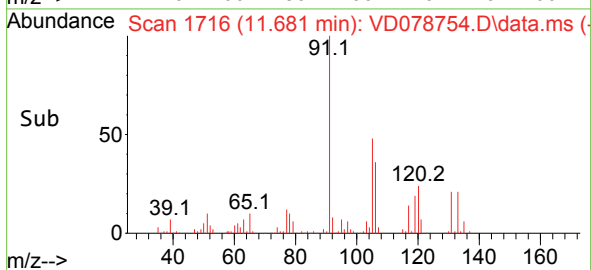
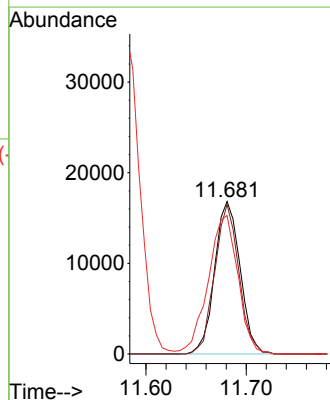
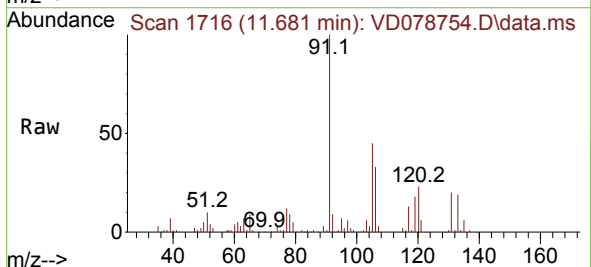
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

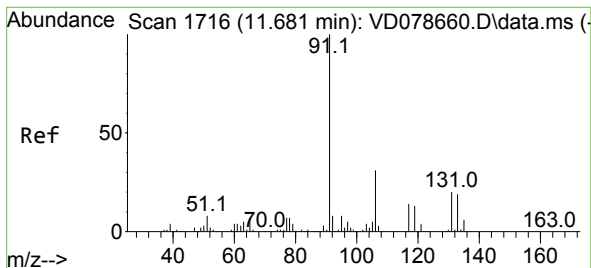
Tgt Ion:112 Resp: 77435
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.458 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion:131 Resp: 29634
Ion Ratio Lower Upper
131 100
133 93.3 47.6 142.9
119 106.7 34.1 102.3#





#67

Ethyl Benzene

Concen: 21.011 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

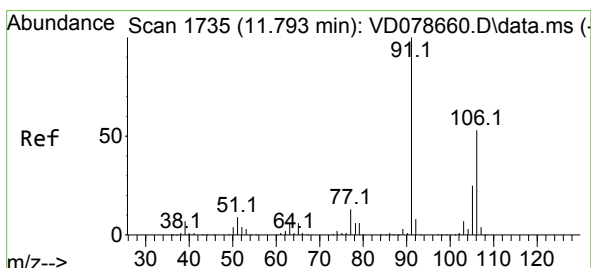
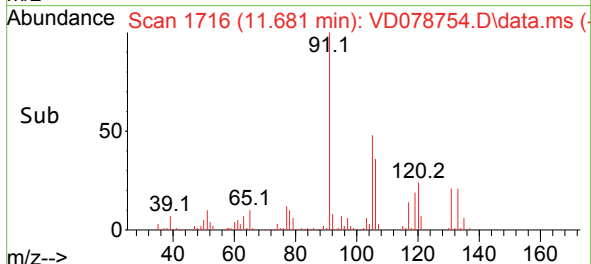
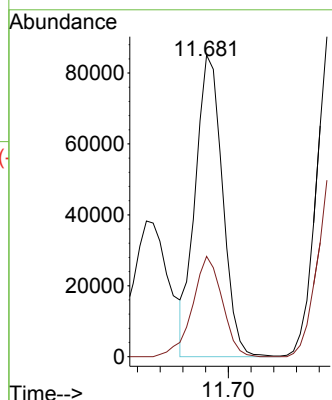
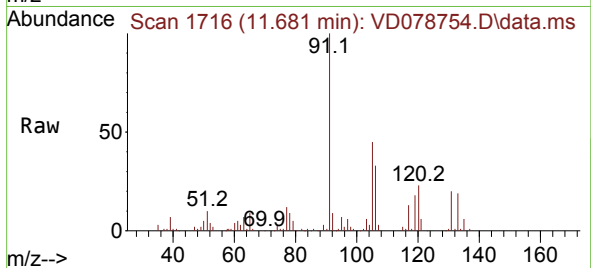
VD0327SBS01

Tgt Ion: 91 Resp: 141616

Ion Ratio Lower Upper

91 100

106 33.3 24.5 36.7



#68

m/p-Xylenes

Concen: 37.670 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078754.D

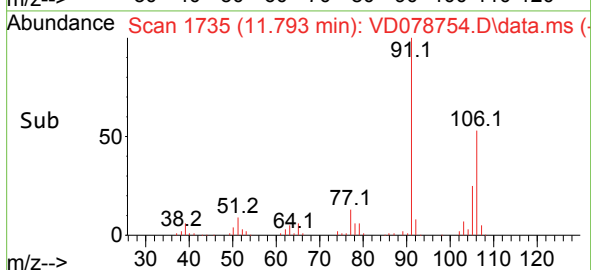
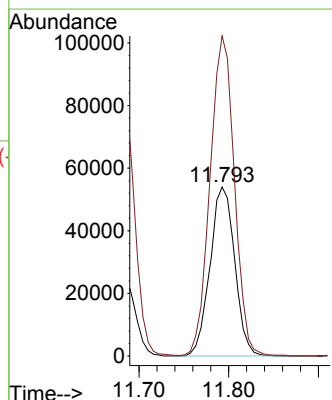
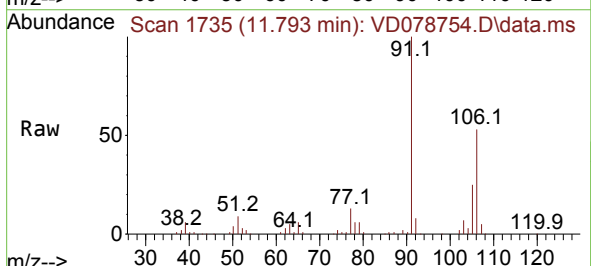
Acq: 27 Mar 2024 16:11

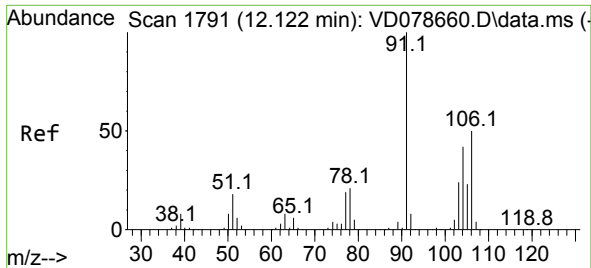
Tgt Ion: 106 Resp: 103102

Ion Ratio Lower Upper

106 100

91 187.0 154.4 231.6

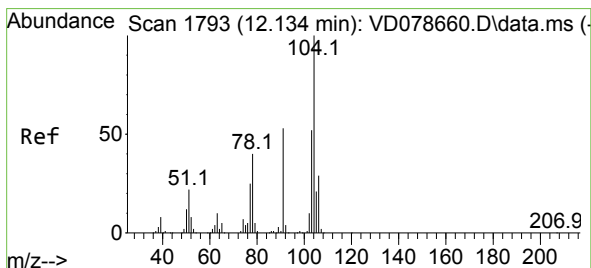
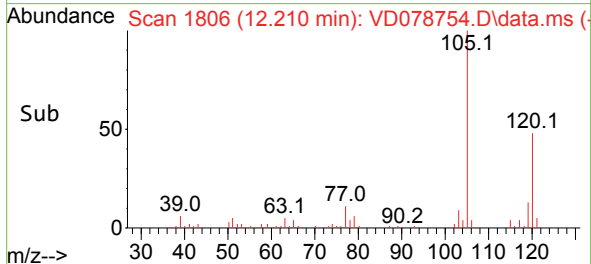
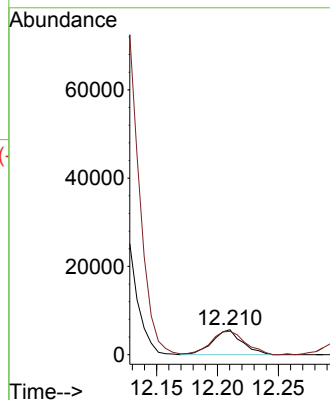
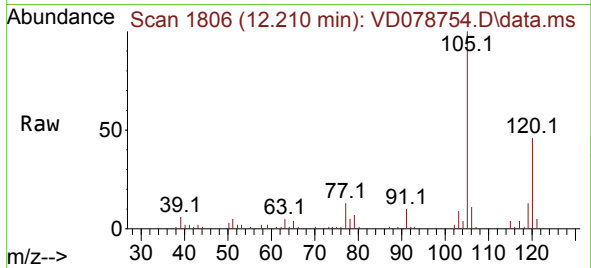




#69
o-Xylene
Concen: 3.780 ug/l
RT: 12.210 min Scan# 1806
Delta R.T. 0.088 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

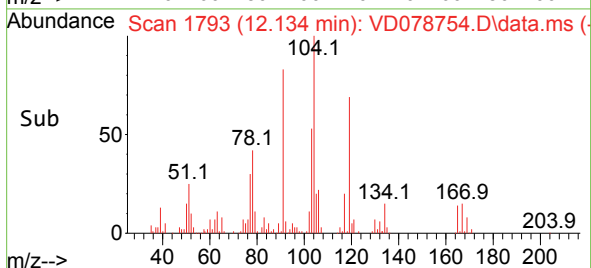
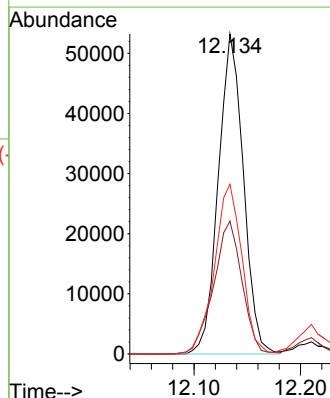
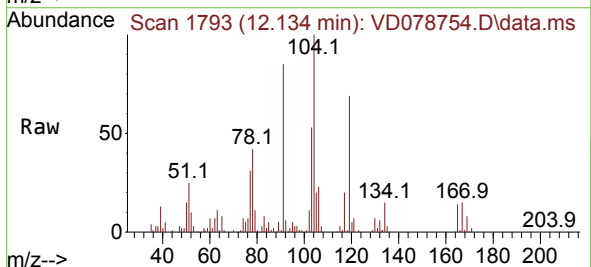
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

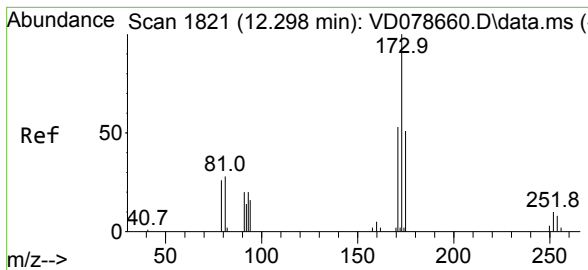
Tgt Ion:106 Resp: 9571
Ion Ratio Lower Upper
106 100
91 109.5 99.6 298.7



#70
Styrene
Concen: 20.474 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion:104 Resp: 87023
Ion Ratio Lower Upper
104 100
78 47.0 34.6 52.0
103 58.3 44.2 66.2

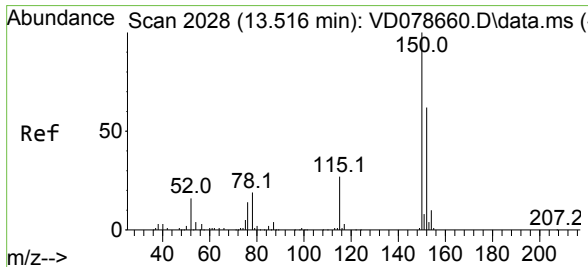
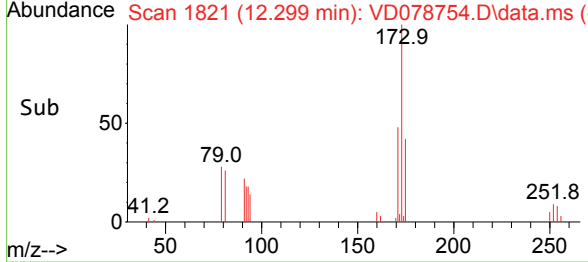
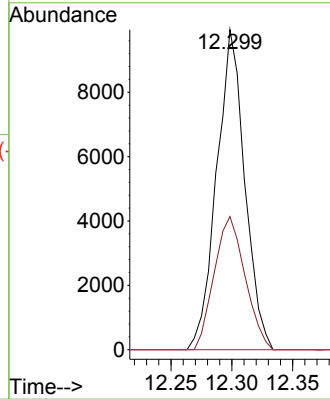
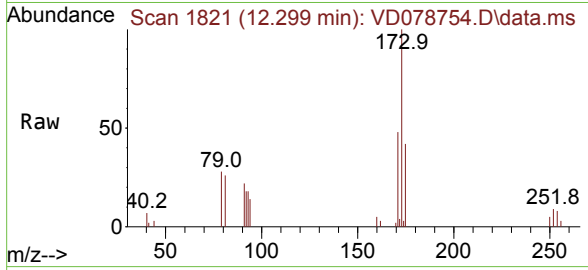




#71
Bromoform
Concen: 20.404 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

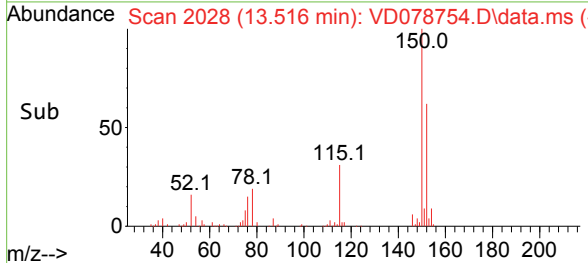
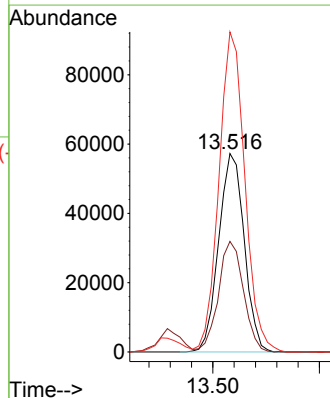
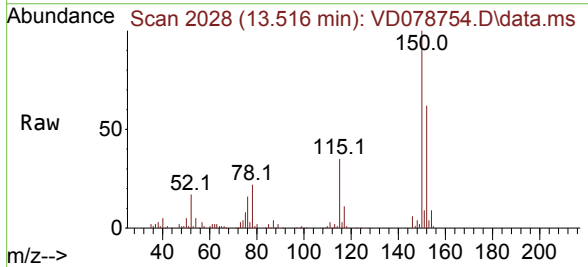
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

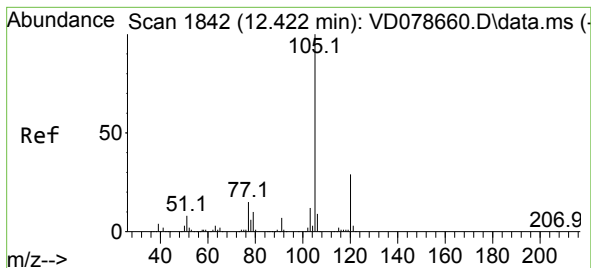
Tgt Ion:173	Resp:	15973
Ion Ratio	Lower	Upper
173	100	
175	45.7	25.8 77.4
254	0.0	0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion:152	Resp:	95274
Ion Ratio	Lower	Upper
152	100	
115	54.8	27.1 81.2
150	163.2	0.0 350.2





#73

Isopropylbenzene

Concen: 41.660 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

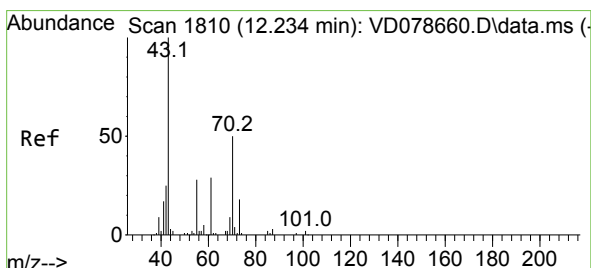
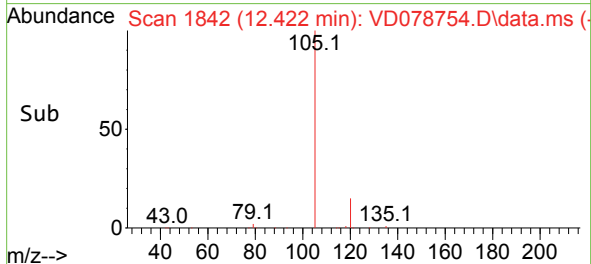
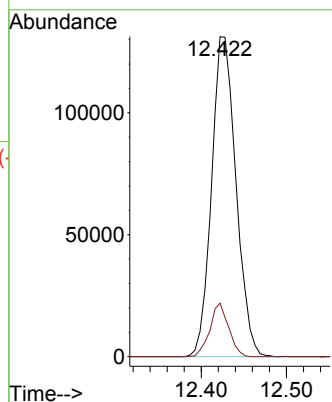
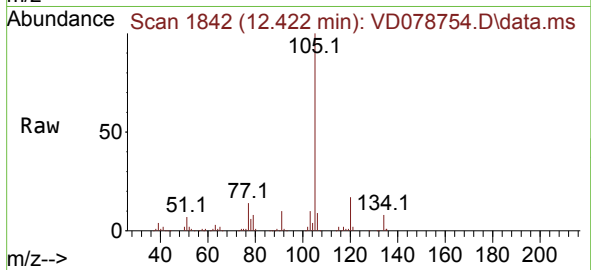
VD0327SBS01

Tgt Ion:105 Resp: 261328

Ion Ratio Lower Upper

105 100

120 12.8 13.7 41.0#



#74

N-ethyl acetate

Concen: 21.480 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Tgt Ion: 43 Resp: 21877

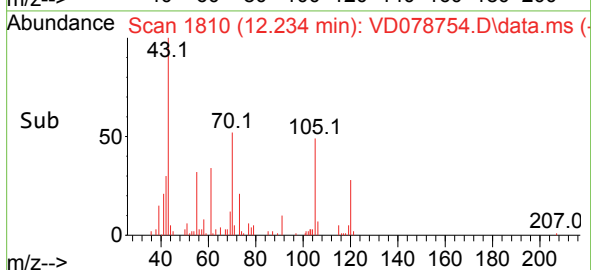
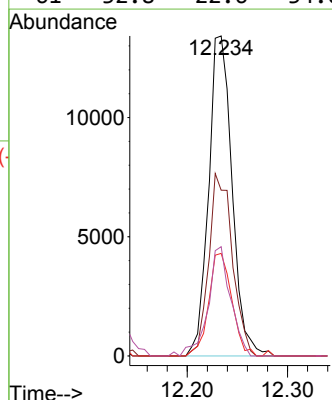
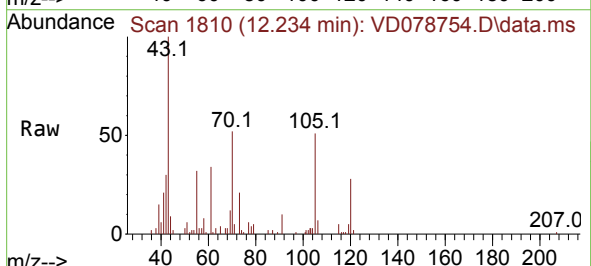
Ion Ratio Lower Upper

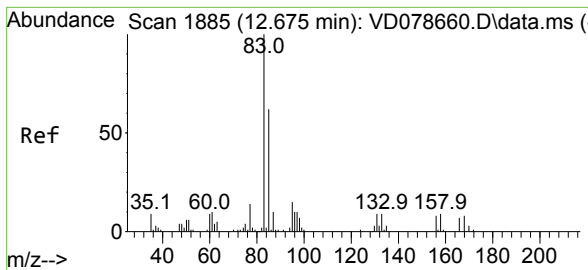
43 100

70 57.1 42.1 63.1

55 31.6 22.6 33.8

61 32.8 22.6 34.0

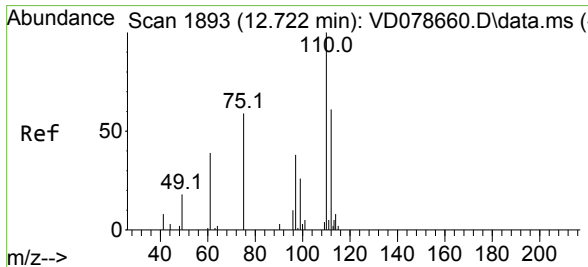
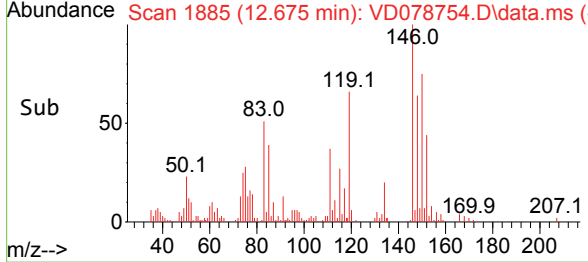
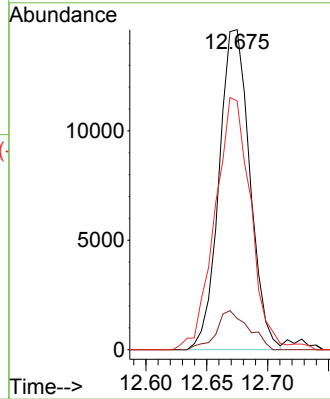
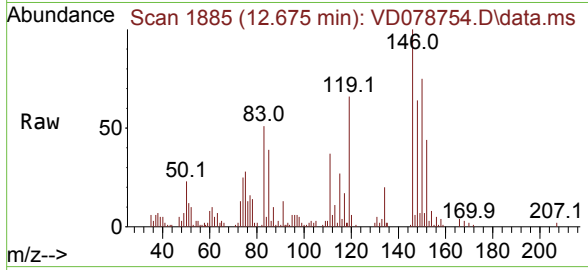




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.225 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD078754.D
 Acq: 27 Mar 2024 16:11

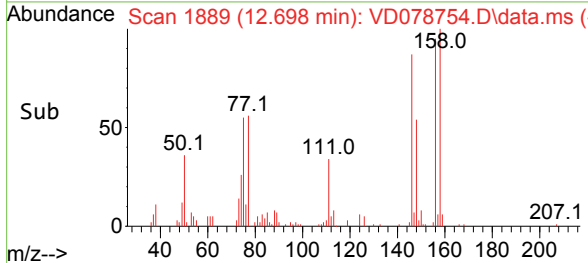
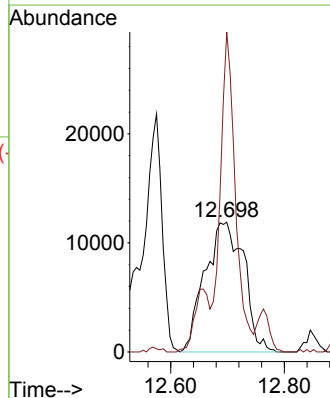
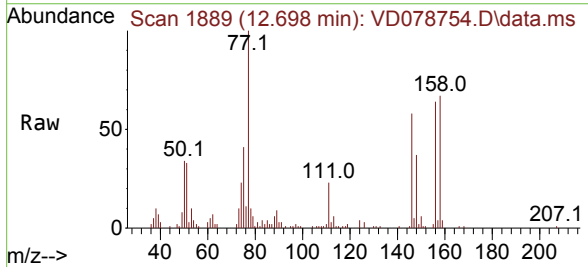
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBS01

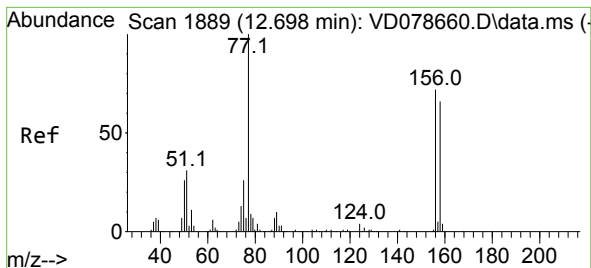
Tgt Ion: 83 Resp: 25808
 Ion Ratio Lower Upper
 83 100
 131 12.8 4.9 14.7
 85 91.6 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 77.541 ug/l
 RT: 12.698 min Scan# 1889
 Delta R.T. -0.023 min
 Lab File: VD078754.D
 Acq: 27 Mar 2024 16:11

Tgt Ion: 75 Resp: 56917
 Ion Ratio Lower Upper
 75 100
 77 95.1 0.0 0.0#





#77

Bromobenzene

Concen: 21.169 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBS01

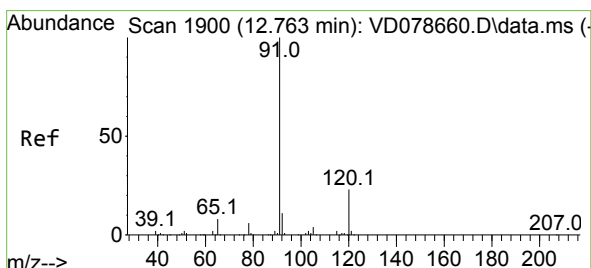
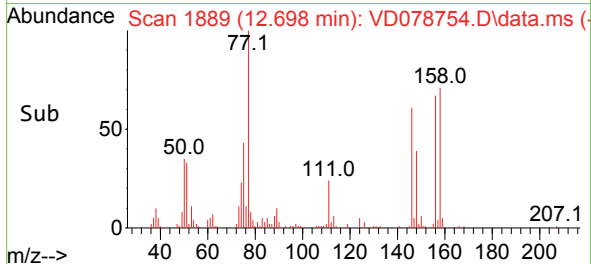
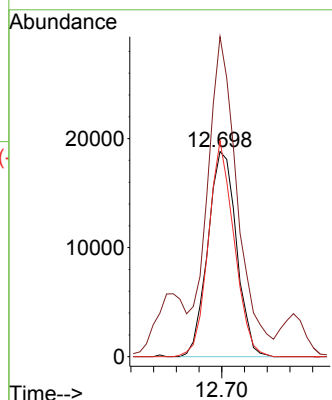
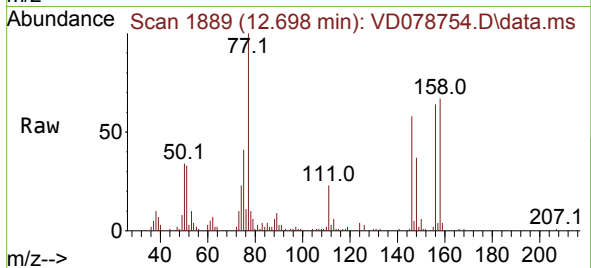
Tgt Ion:156 Resp: 32931

Ion Ratio Lower Upper

156 100

77 164.4 79.1 237.3

158 94.7 47.0 141.0



#78

n-propylbenzene

Concen: 20.082 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078754.D

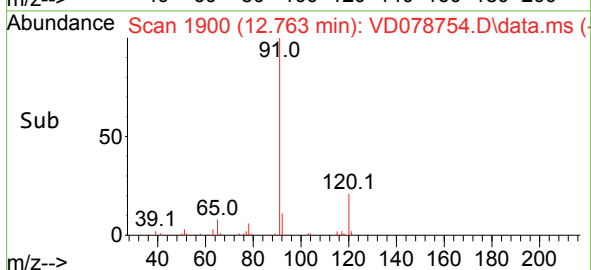
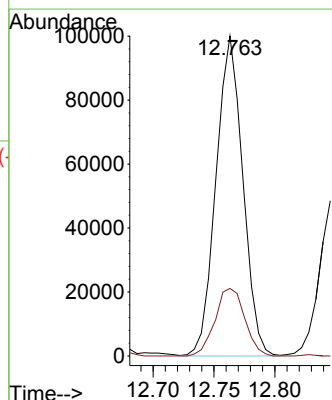
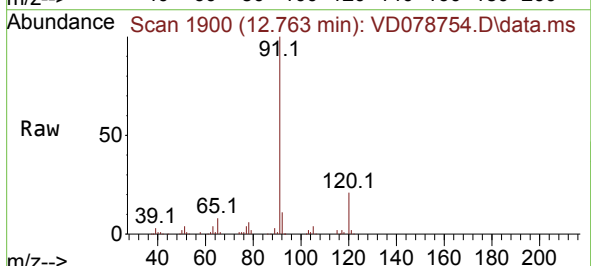
Acq: 27 Mar 2024 16:11

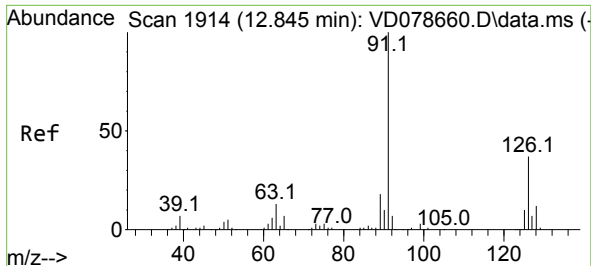
Tgt Ion: 91 Resp: 153334

Ion Ratio Lower Upper

91 100

120 23.3 11.7 35.1





#79

2-Chlorotoluene

Concen: 19.890 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

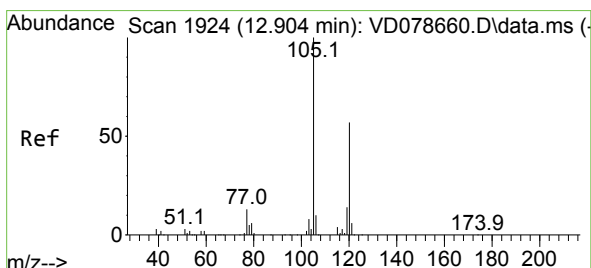
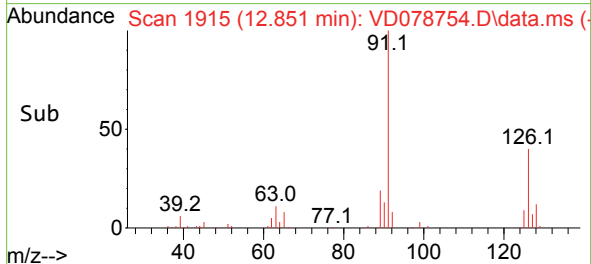
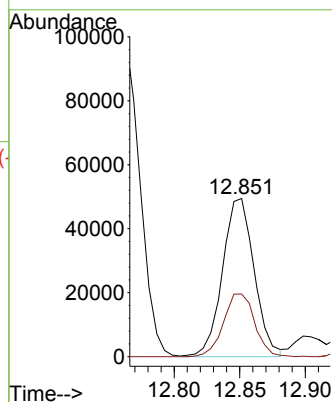
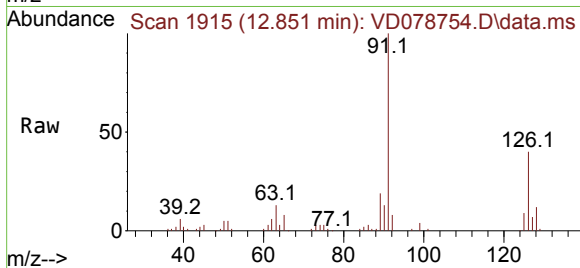
VD0327SBS01

Tgt Ion: 91 Resp: 83315

Ion Ratio Lower Upper

91 100

126 39.1 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 19.196 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078754.D

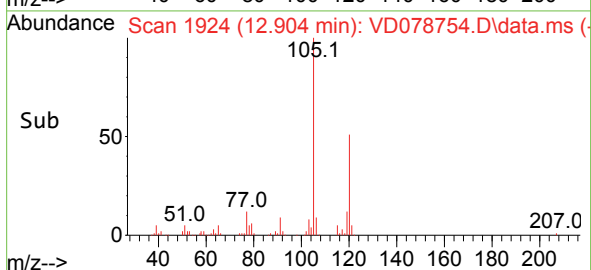
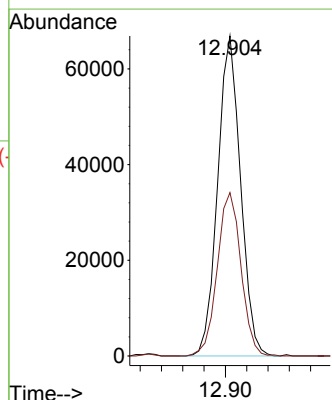
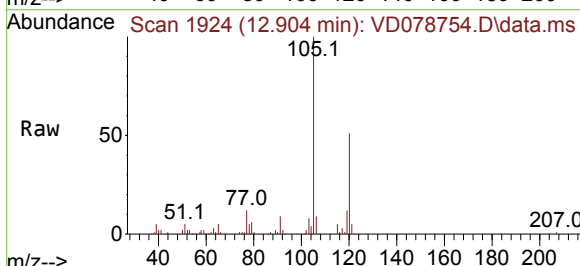
Acq: 27 Mar 2024 16:11

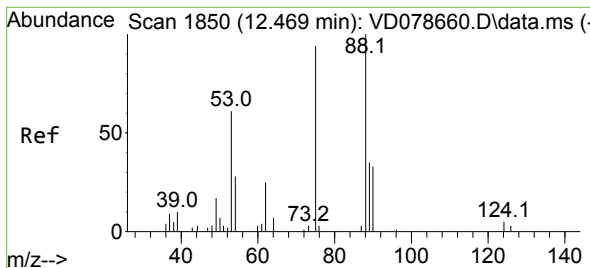
Tgt Ion: 105 Resp: 99578

Ion Ratio Lower Upper

105 100

120 53.0 25.9 77.7

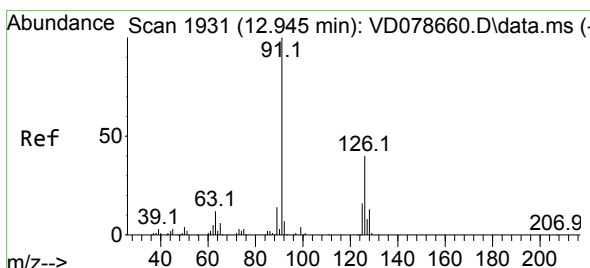
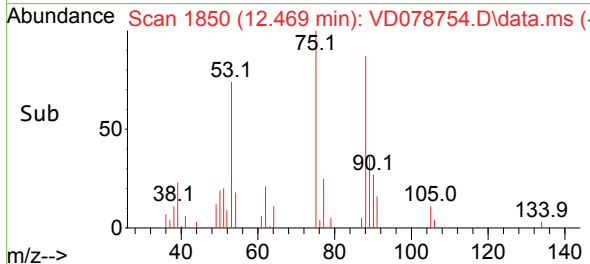
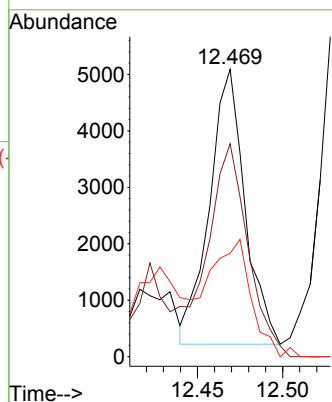
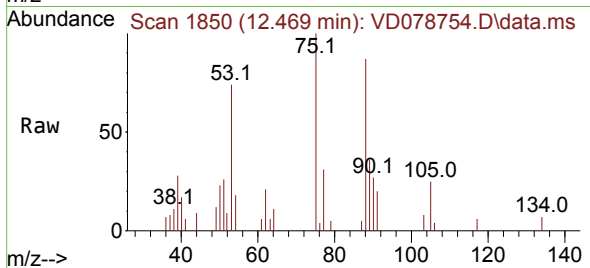




#81
trans-1,4-Dichloro-2-butene
Concen: 20.130 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

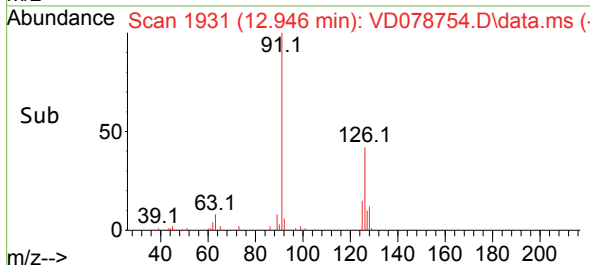
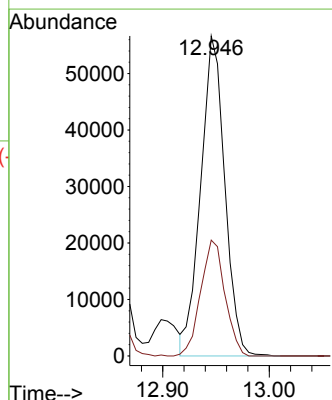
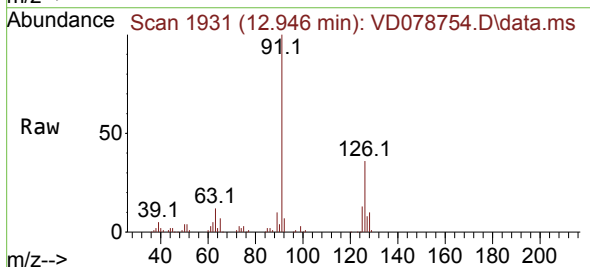
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

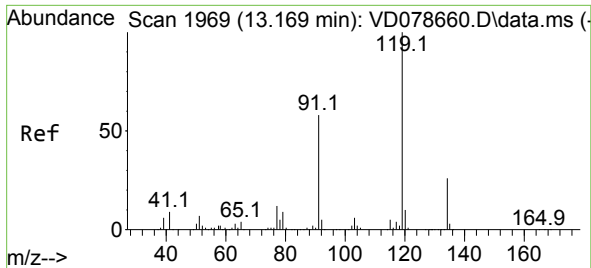
Tgt Ion:	75	Resp:	7049
Ion	Ratio	Lower	Upper
75	100		
53	82.8	61.0	91.6
89	51.5	35.4	53.0



#82
4-Chlorotoluene
Concen: 20.123 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion:	91	Resp:	89154
Ion	Ratio	Lower	Upper
91	100		
126	36.4	18.9	56.5

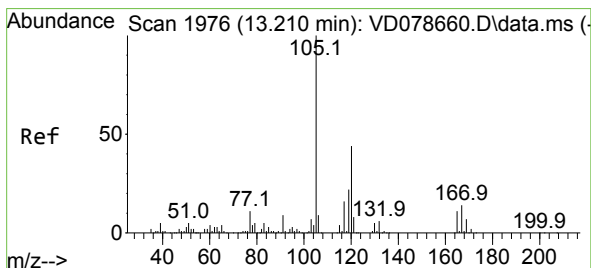
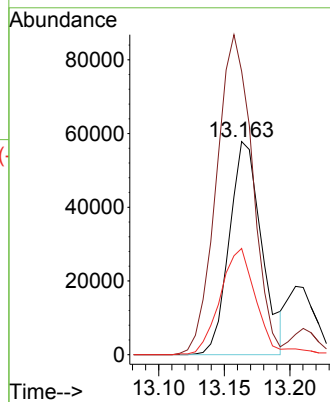
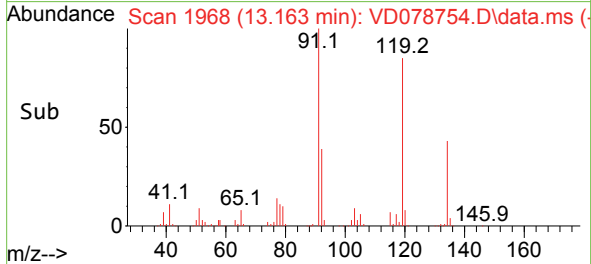
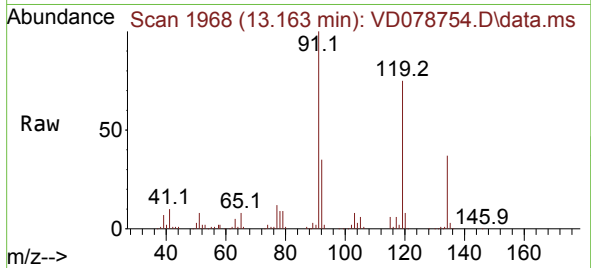




#83
tert-Butylbenzene
Concen: 22.104 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

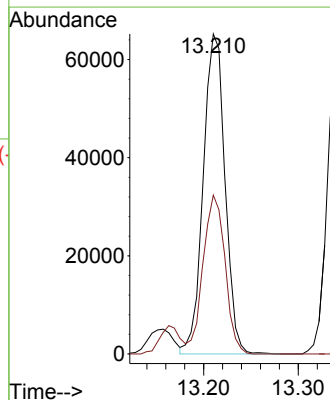
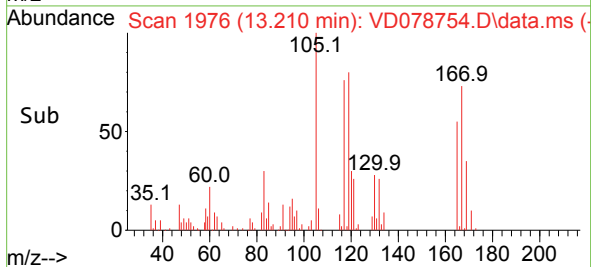
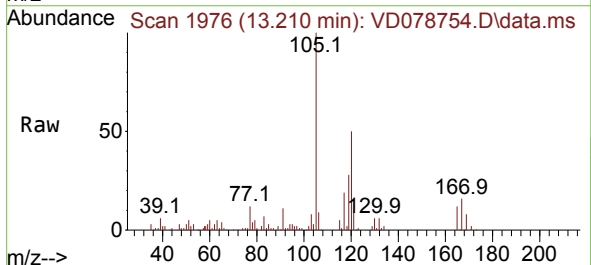
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

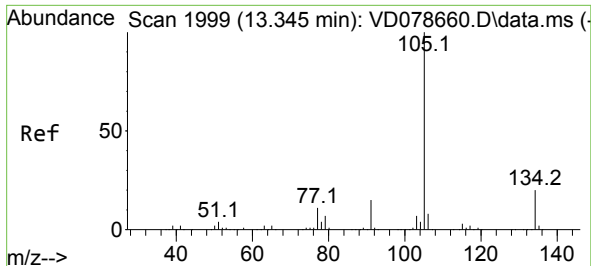
Tgt Ion:119 Resp: 98866
Ion Ratio Lower Upper
119 100
91 167.4 28.9 86.7#
134 56.3 13.6 40.8#



#84
1,2,4-Trimethylbenzene
Concen: 19.890 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion:105 Resp: 103979
Ion Ratio Lower Upper
105 100
120 50.1 23.1 69.2

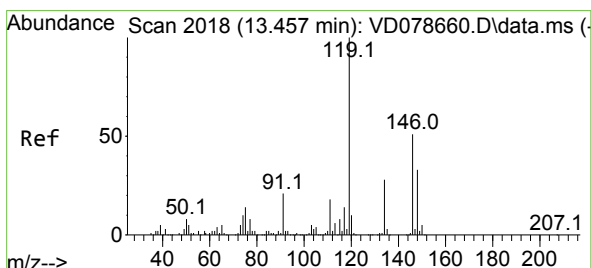
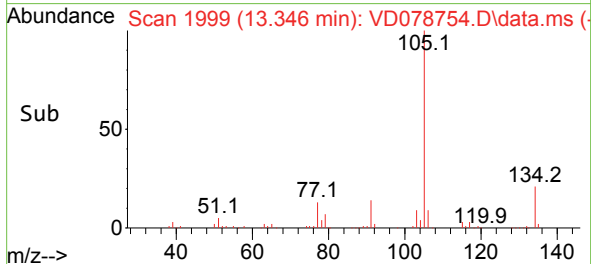
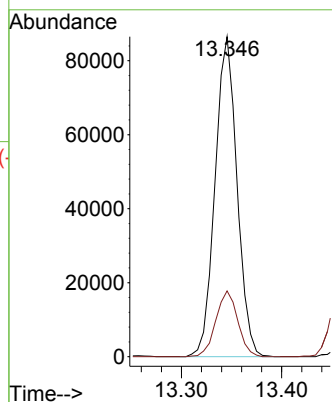
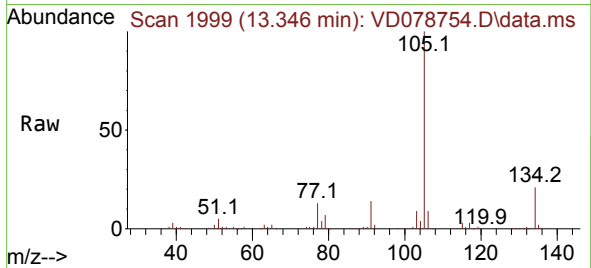




#85
 sec-Butylbenzene
 Concen: 19.424 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078754.D
 Acq: 27 Mar 2024 16:11

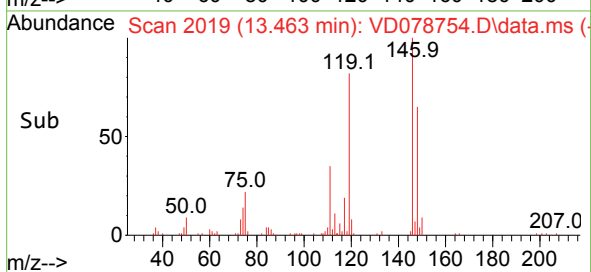
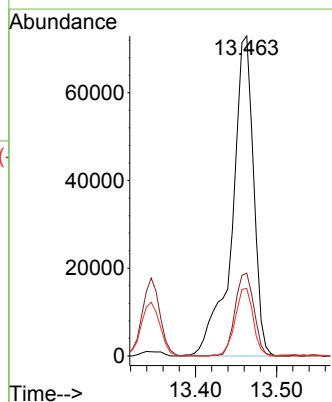
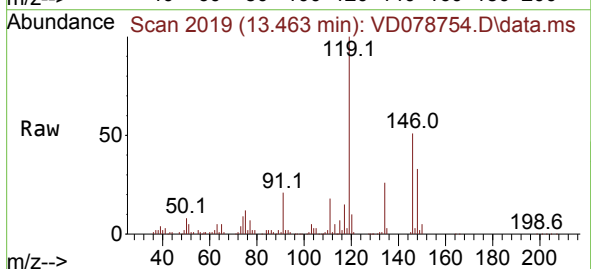
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBS01

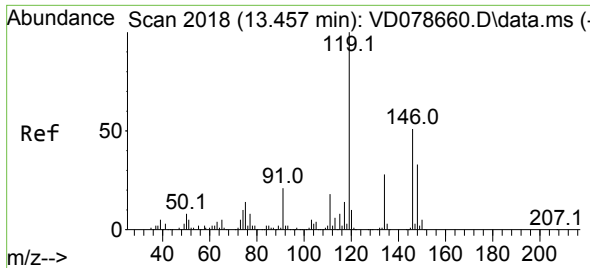
Tgt Ion:105 Resp: 131475
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 23.045 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD078754.D
 Acq: 27 Mar 2024 16:11

Tgt Ion:119 Resp: 133537
 Ion Ratio Lower Upper
 119 100
 134 22.9 13.5 40.5
 91 17.9 10.4 31.2

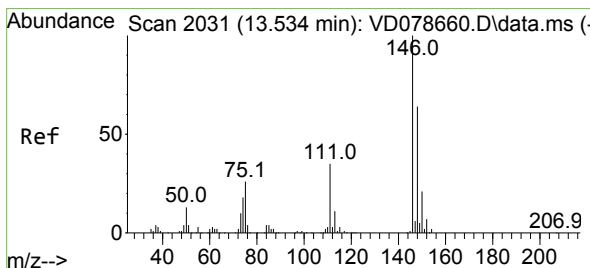
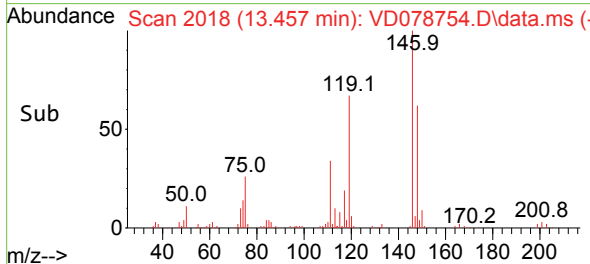
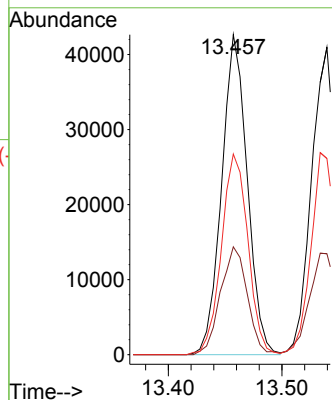
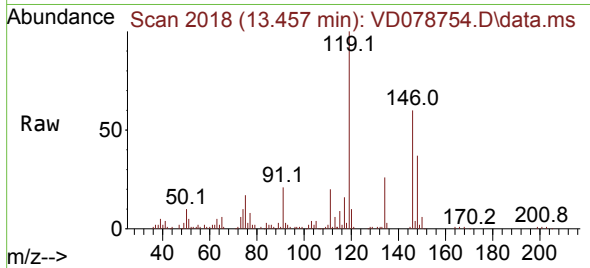




#87
1,3-Dichlorobenzene
Concen: 20.370 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

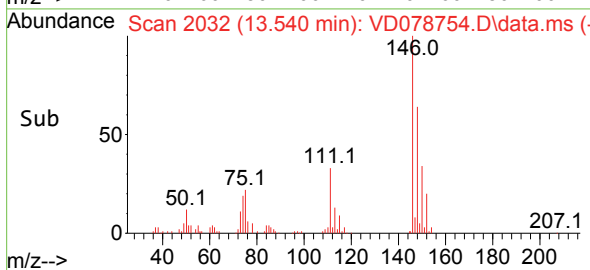
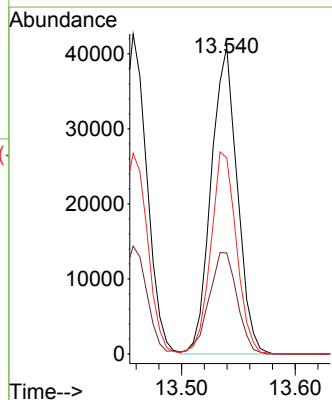
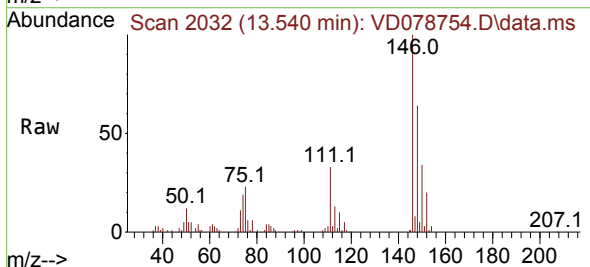
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

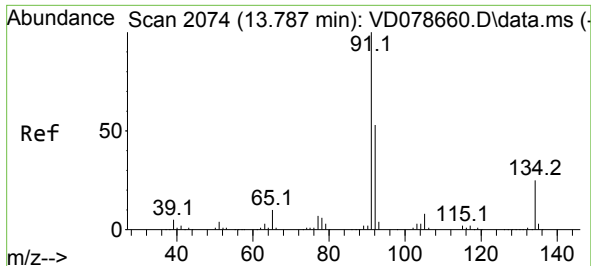
Tgt Ion:146 Resp: 66871
Ion Ratio Lower Upper
146 100
111 35.3 18.2 54.6
148 64.9 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 20.242 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion:146 Resp: 65490
Ion Ratio Lower Upper
146 100
111 35.6 17.8 53.3
148 64.4 32.4 97.0

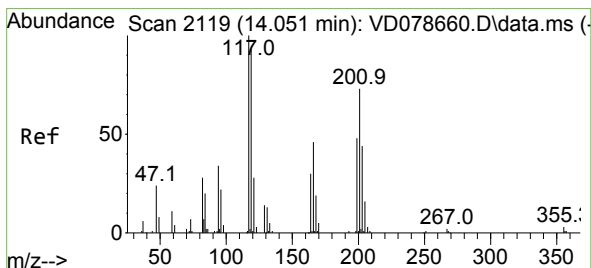
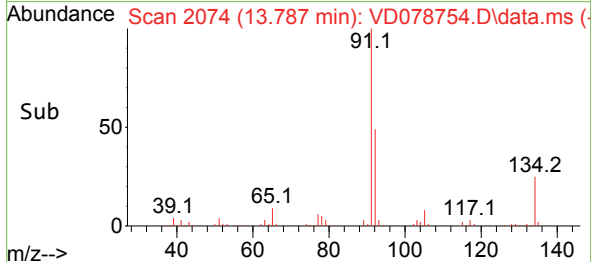
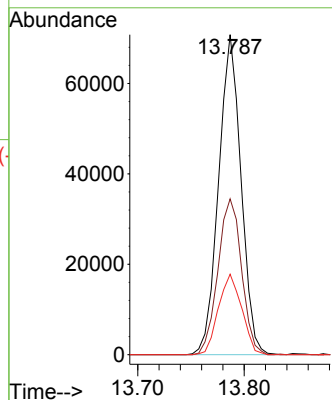
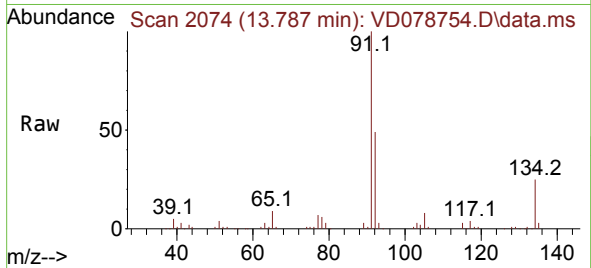




#89
n-Butylbenzene
Concen: 19.716 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

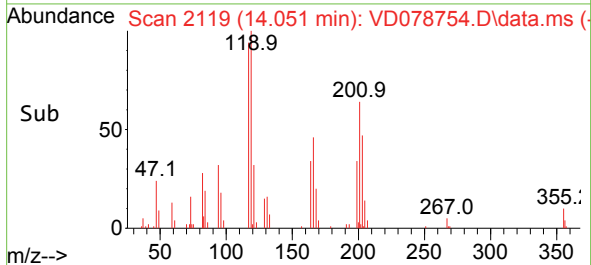
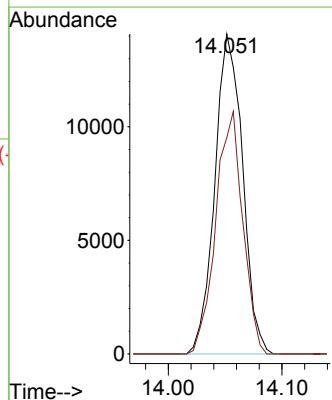
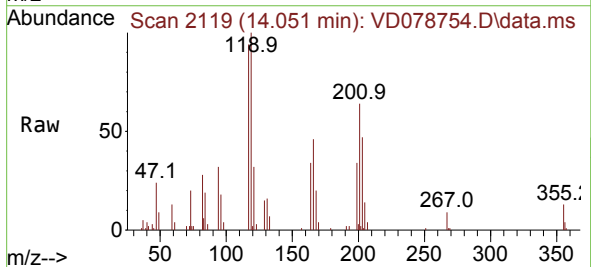
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

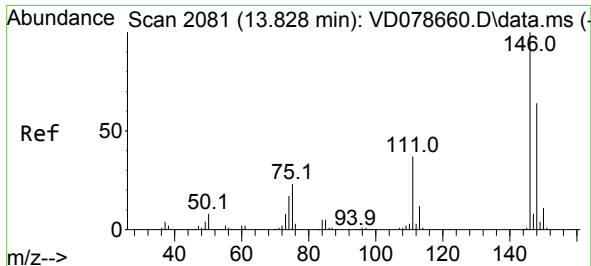
Tgt Ion: 91 Resp: 103179
Ion Ratio Lower Upper
91 100
92 51.4 26.4 79.0
134 26.2 13.0 38.9



#90
Hexachloroethane
Concen: 19.978 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion: 117 Resp: 23954
Ion Ratio Lower Upper
117 100
201 73.7 36.2 108.6

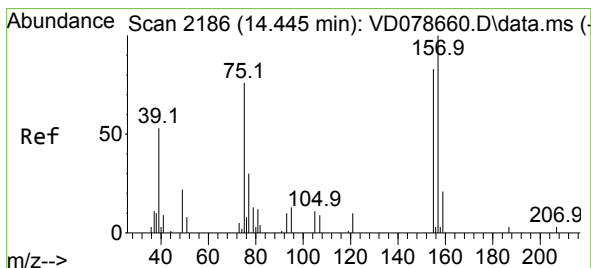
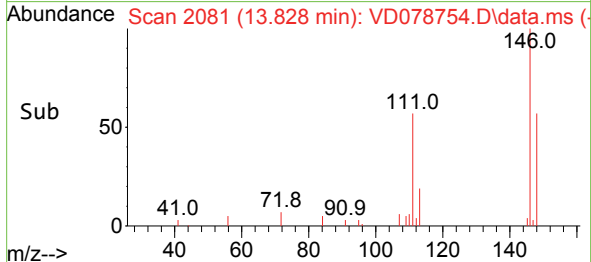
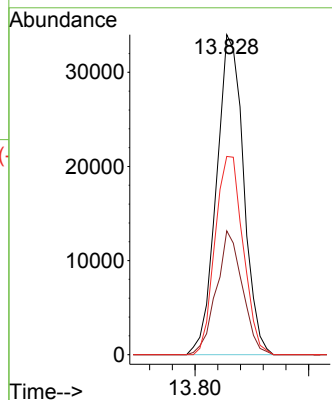
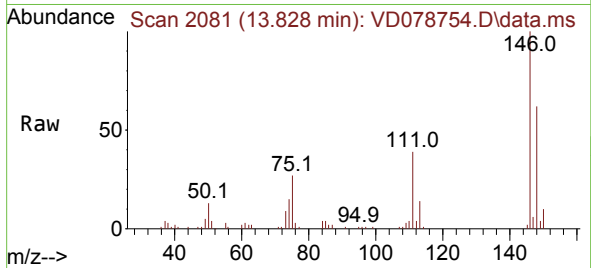




#91
1,2-Dichlorobenzene
Concen: 19.909 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

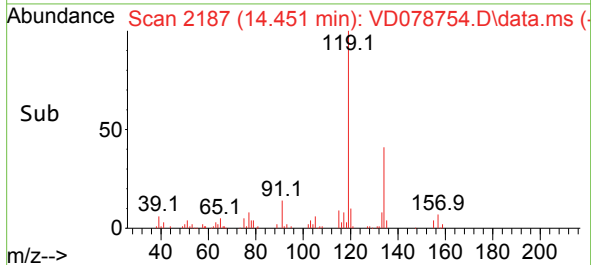
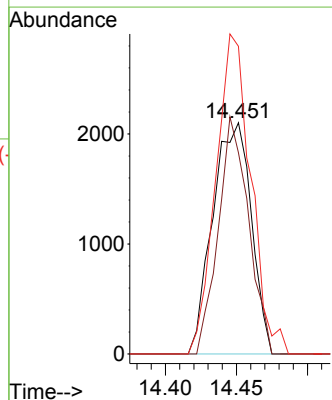
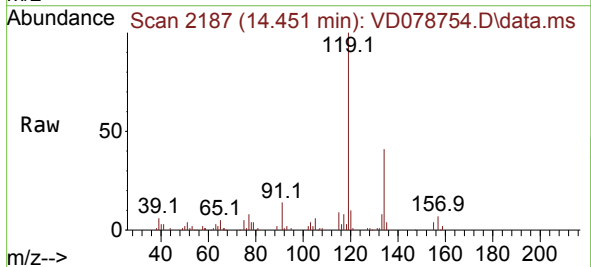
Instrument :
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ClientSampleId :
VD0327SBS01

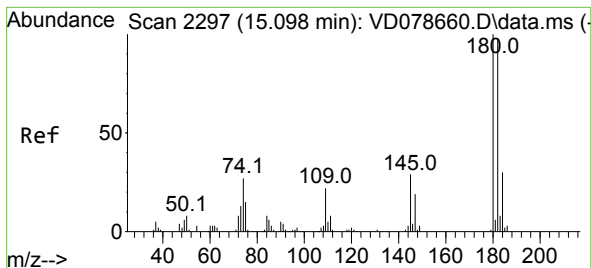
Tgt Ion:146 Resp: 56290
Ion Ratio Lower Upper
146 100
111 37.1 18.6 56.0
148 64.0 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 25.524 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion: 75 Resp: 3965
Ion Ratio Lower Upper
75 100
155 80.3 49.8 149.3
157 125.4 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 21.569 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBS01

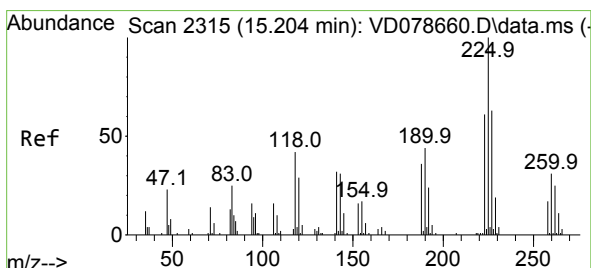
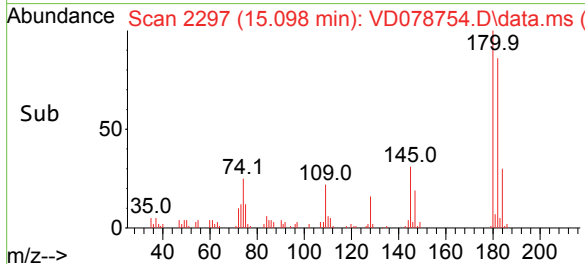
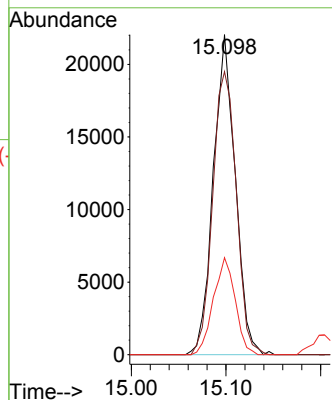
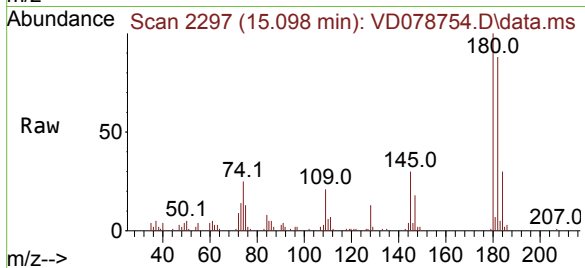
Tgt Ion:180 Resp: 35591

Ion Ratio Lower Upper

180 100

182 94.9 49.7 149.1

145 30.0 14.6 44.0



#94

Hexachlorobutadiene

Concen: 20.498 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

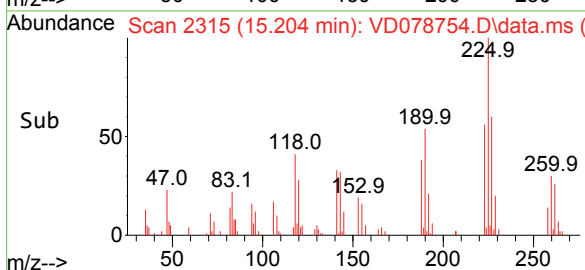
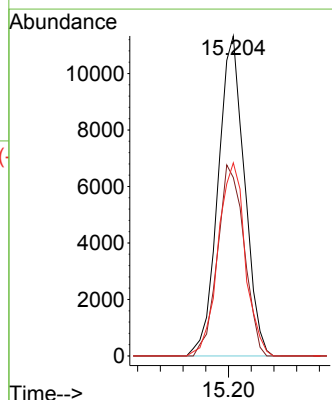
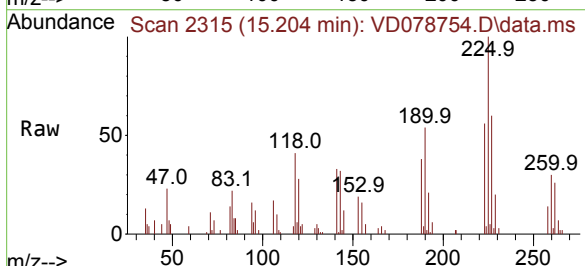
Tgt Ion:225 Resp: 18311

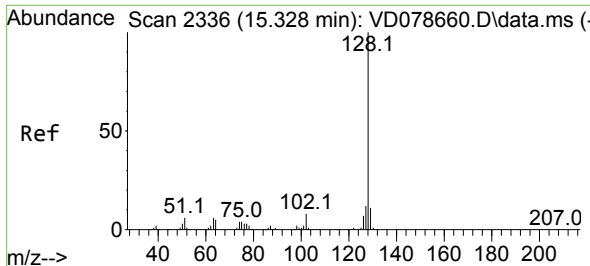
Ion Ratio Lower Upper

225 100

223 60.1 31.9 95.7

227 61.7 32.0 96.0

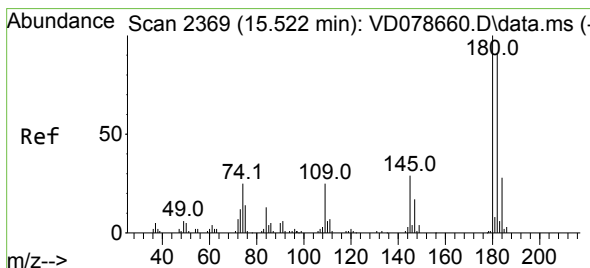
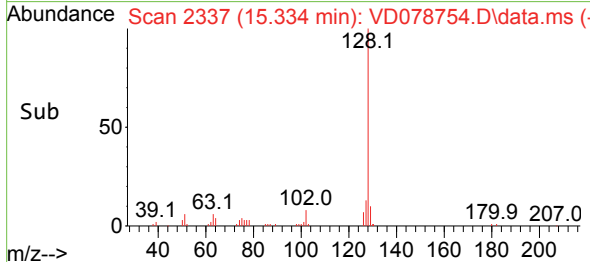
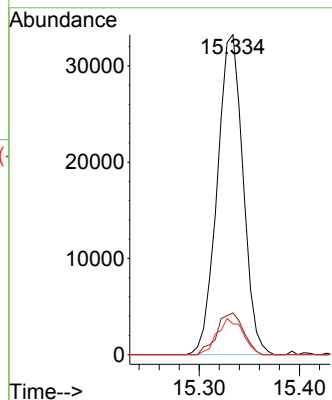
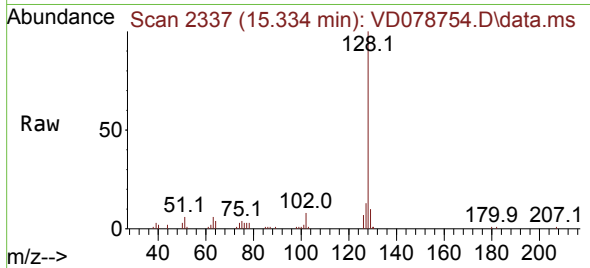




#95
Naphthalene
Concen: 20.686 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

Tgt Ion:128 Resp: 59346
Ion Ratio Lower Upper
128 100
127 13.1 9.3 13.9
129 9.6 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.607 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion:180 Resp: 30844
Ion Ratio Lower Upper
180 100
182 93.4 46.7 140.1
145 28.3 14.4 43.4

