

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078373.D
 Acq On : 08 Feb 2024 17:01
 Operator : RP/MD
 Sample : VD0208SBS03
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 09 03:11:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	114149	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	203518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	193831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96575	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76460	54.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.220%	
35) Dibromofluoromethane	7.804	113	78066	53.879	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.760%	
50) Toluene-d8	10.269	98	289538	52.781	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.560%	
62) 4-Bromofluorobenzene	12.569	95	90817	55.282	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.560%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	27918	20.930	ug/l	94
3) Chloromethane	2.152	50	51939	21.873	ug/l	100
4) Vinyl Chloride	2.275	62	66070	21.093	ug/l	99
5) Bromomethane	2.675	94	36351	19.170	ug/l	96
6) Chloroethane	2.822	64	47582	21.993	ug/l	98
7) Trichlorofluoromethane	3.163	101	57061	21.517	ug/l	96
8) Diethyl Ether	3.593	74	17512	22.323	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.957	101	34475	21.183	ug/l	97
10) Methyl Iodide	4.157	142	25191	17.016	ug/l	# 89
11) Tert butyl alcohol	5.063	59	13827	153.402	ug/l	# 94
12) 1,1-Dichloroethene	3.922	96	30789	19.606	ug/l	84
13) Acrolein	3.799	56	9374	83.648	ug/l	94
14) Allyl chloride	4.557	41	40946	19.777	ug/l	88
15) Acrylonitrile	5.263	53	38669	111.518	ug/l	98
16) Acetone	4.022	43	46249	132.715	ug/l	# 86
17) Carbon Disulfide	4.263	76	85793	16.183	ug/l	96
18) Methyl Acetate	4.569	43	14691	19.505	ug/l	# 88
19) Methyl tert-butyl Ether	5.322	73	74356	22.768	ug/l	95
20) Methylene Chloride	4.798	84	44557	24.585	ug/l	90
21) trans-1,2-Dichloroethene	5.310	96	36213	20.395	ug/l	95
22) Diisopropyl ether	6.216	45	98310	22.315	ug/l	90
23) Vinyl Acetate	6.157	43	266972	99.326	ug/l	# 89
24) 1,1-Dichloroethane	6.104	63	64050	21.001	ug/l	95
25) 2-Butanone	7.081	43	58168	123.534	ug/l	# 81
26) 2,2-Dichloropropane	7.075	77	52946	21.252	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	39609	20.128	ug/l	88
28) Bromochloromethane	7.422	49	16530	15.196	ug/l	81
29) Tetrahydrofuran	7.445	42	29207	115.947	ug/l	# 86
30) Chloroform	7.592	83	68600	21.999	ug/l	100
31) Cyclohexane	7.881	56	48110	18.179	ug/l	93
32) 1,1,1-Trichloroethane	7.787	97	57325	21.331	ug/l	98
36) 1,1-Dichloropropene	8.004	75	49012	20.399	ug/l	96
37) Ethyl Acetate	7.169	43	22780	24.634	ug/l	# 92
38) Carbon Tetrachloride	7.987	117	50377	21.324	ug/l	99
39) Methylcyclohexane	9.269	83	53166	18.716	ug/l	92
40) Benzene	8.245	78	144916	20.672	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	12298	24.737	ug/l #	83
42) 1,2-Dichloroethane	8.322	62	41754	22.964	ug/l	94
43) Isopropyl Acetate	8.363	43	39686	23.936	ug/l #	72
44) Trichloroethene	9.028	130	37363	21.705	ug/l	99
45) 1,2-Dichloropropane	9.304	63	38019	22.181	ug/l	93
46) Dibromomethane	9.392	93	20548	21.606	ug/l	89
47) Bromodichloromethane	9.586	83	52114	22.273	ug/l	89
48) Methyl methacrylate	9.381	41	20408	25.758	ug/l #	69
49) 1,4-Dioxane	9.386	88	4697	440.283	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	108604	121.084	ug/l	88
52) Toluene	10.334	92	89934	21.150	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	47339	21.660	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	57227	22.118	ug/l #	93
55) 1,1,2-Trichloroethane	10.733	97	28845	23.243	ug/l	90
56) Ethyl methacrylate	10.598	69	33180	23.571	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	49709	23.230	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	61524	96.110	ug/l	98
59) 2-Hexanone	10.922	43	86295	127.748	ug/l	86
60) Dibromochloromethane	11.075	129	35461	24.615	ug/l	96
61) 1,2-Dibromoethane	11.181	107	27278	23.281	ug/l	99
64) Tetrachloroethene	10.810	164	26990	19.964	ug/l #	85
65) Chlorobenzene	11.604	112	96875	20.891	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.680	131	34707	21.021	ug/l	98
67) Ethyl Benzene	11.680	91	173497	20.655	ug/l	93
68) m/p-Xylenes	11.792	106	134756	41.699	ug/l	90
69) o-Xylene	12.122	106	62935	21.191	ug/l	93
70) Styrene	12.133	104	110141	21.716	ug/l	96
71) Bromoform	12.298	173	19802	24.352	ug/l #	98
73) Isopropylbenzene	12.422	105	166010	20.317	ug/l	94
74) N-amyl acetate	12.233	43	37883	22.417	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	35823	22.702	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	41238	40.854	ug/l #	100
77) Bromobenzene	12.698	156	37959	21.110	ug/l	85
78) n-propylbenzene	12.763	91	210298	20.661	ug/l	94
79) 2-Chlorotoluene	12.845	91	112032	20.561	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	136811	20.581	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	10930	21.535	ug/l	94
82) 4-Chlorotoluene	12.945	91	117696	20.261	ug/l	95
83) tert-Butylbenzene	13.163	119	113073	19.935	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	139057	20.677	ug/l	96
85) sec-Butylbenzene	13.345	105	182425	20.493	ug/l	96
86) p-Isopropyltoluene	13.457	119	151461	20.773	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	79363	21.245	ug/l	97
88) 1,4-Dichlorobenzene	13.533	146	78755	21.308	ug/l	95
89) n-Butylbenzene	13.786	91	146862	20.671	ug/l	97
90) Hexachloroethane	14.051	117	31991	21.967	ug/l	80
91) 1,2-Dichlorobenzene	13.827	146	70470	22.051	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	5367	24.263	ug/l	82
93) 1,2,4-Trichlorobenzene	15.098	180	41501	22.451	ug/l	94
94) Hexachlorobutadiene	15.198	225	20880	23.051	ug/l	99
95) Naphthalene	15.333	128	80335	21.797	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	36485	22.416	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration

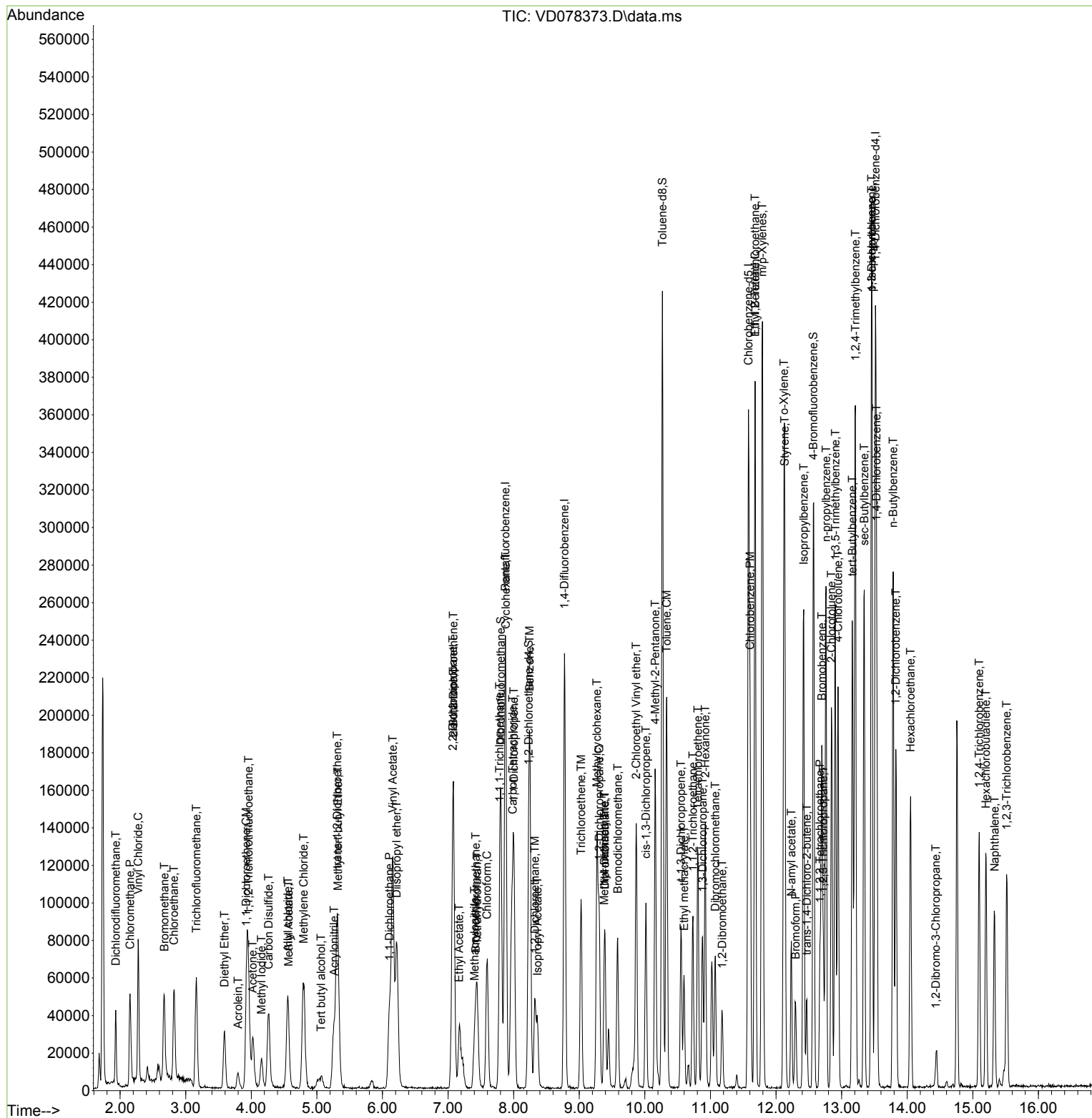
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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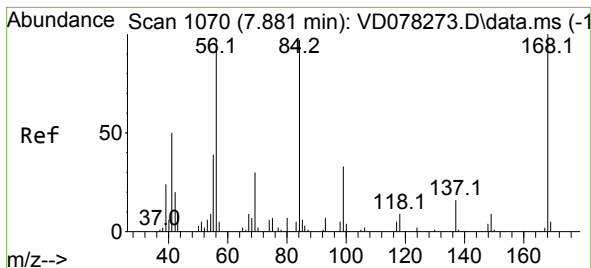
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Instrument :

MSVOA_D

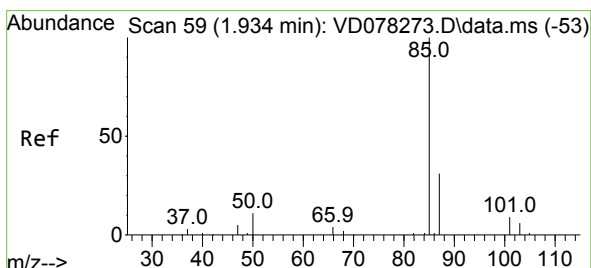
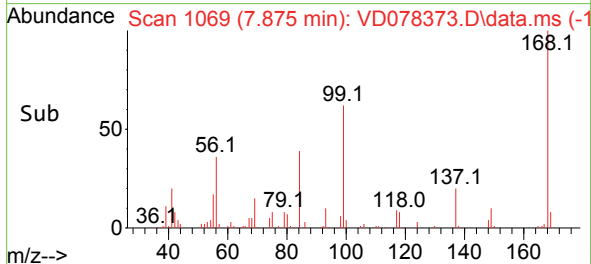
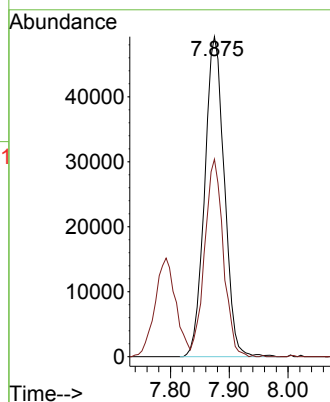
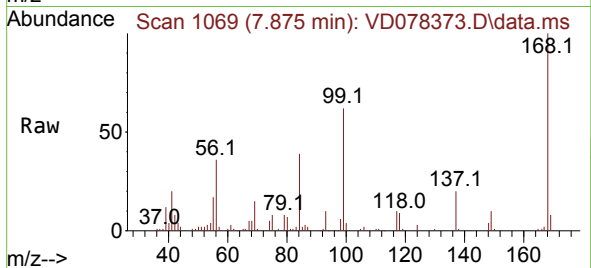
ClientSampleId :

Tgt Ion:168 Resp: 114149

Ion Ratio Lower Upper

168 100

99 61.7 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 20.930 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD078373.D

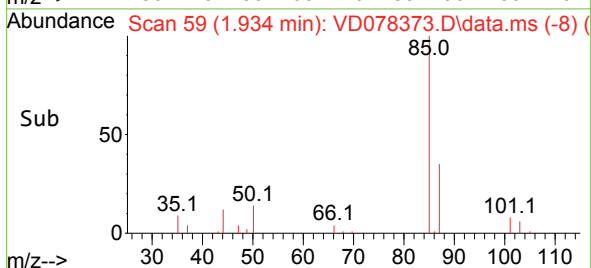
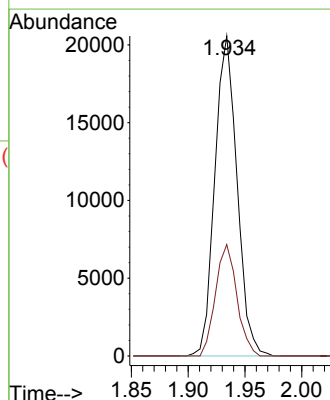
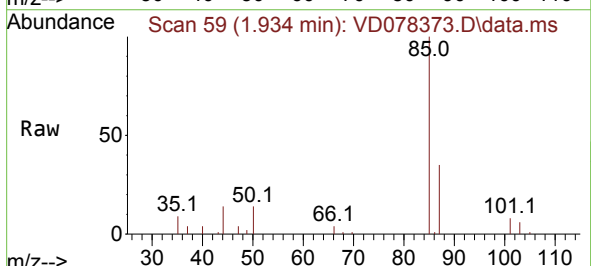
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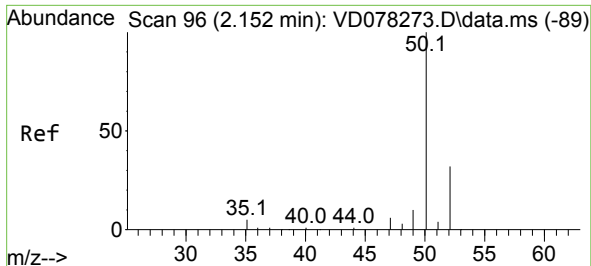
Tgt Ion: 85 Resp: 27918

Ion Ratio Lower Upper

85 100

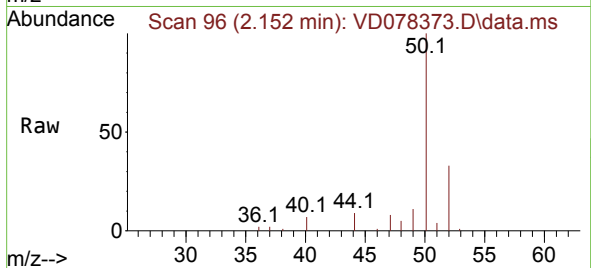
87 34.8 15.7 47.0



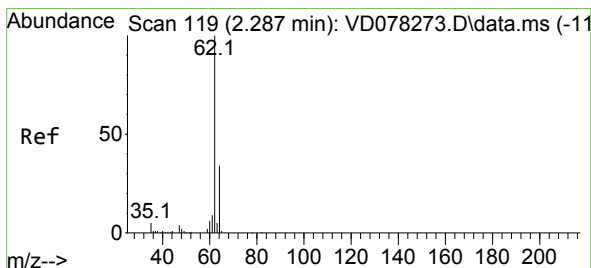
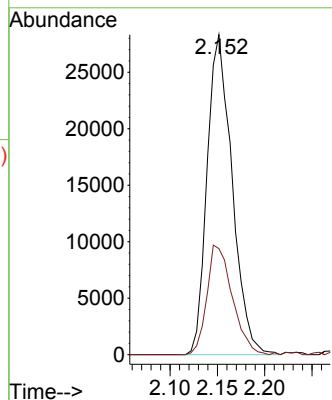
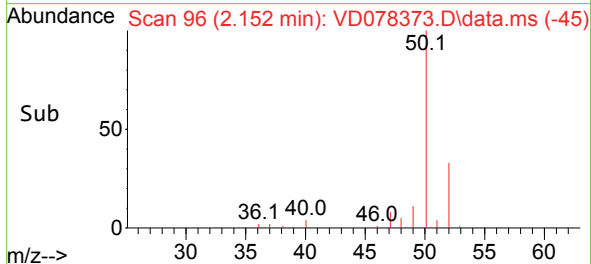


#3
Chloromethane
Concen: 21.873 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Instrument :
MSVOA_D
ClientSampleId :

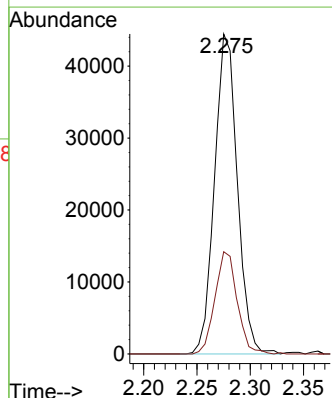
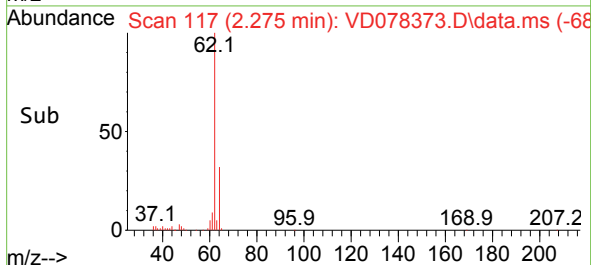
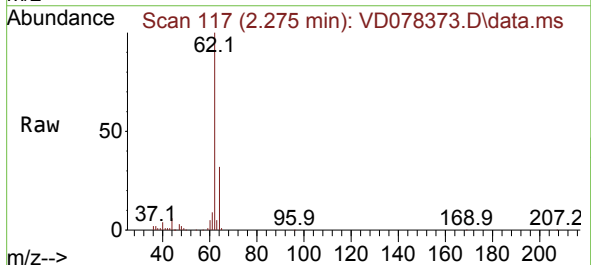


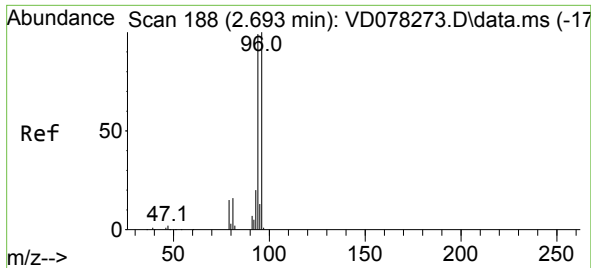
Tgt Ion: 50 Resp: 51939
Ion Ratio Lower Upper
50 100
52 33.1 26.6 40.0



#4
Vinyl Chloride
Concen: 21.093 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.012 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Tgt Ion: 62 Resp: 66070
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0

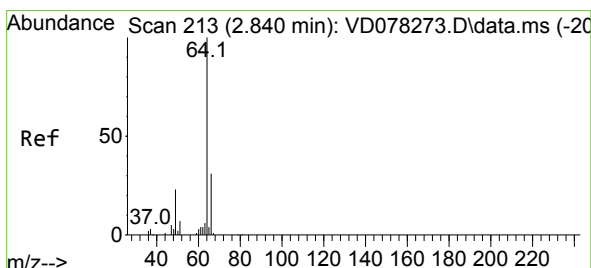
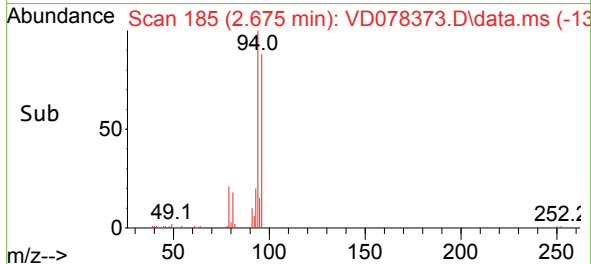
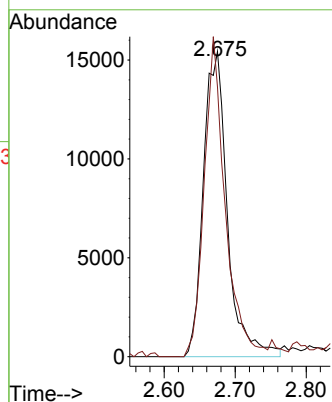
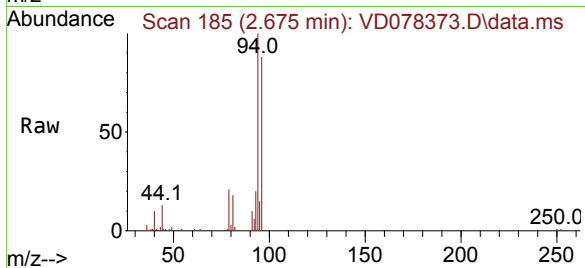




#5
Bromomethane
Concen: 19.170 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

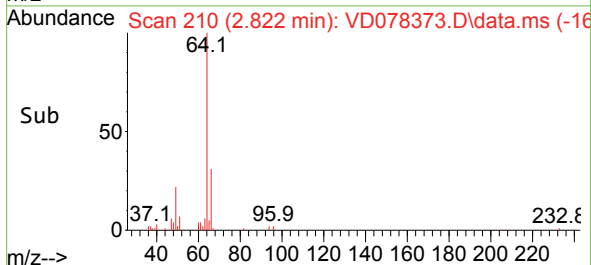
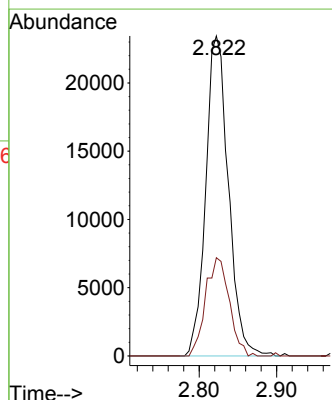
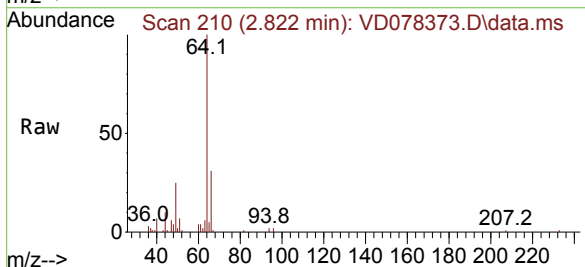
Instrument :
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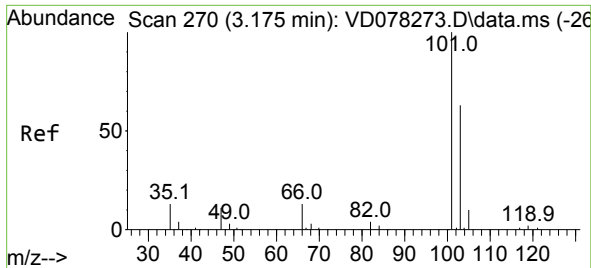
Tgt Ion: 94 Resp: 36351
Ion Ratio Lower Upper
94 100
96 90.8 75.8 113.8



#6
Chloroethane
Concen: 21.993 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.018 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

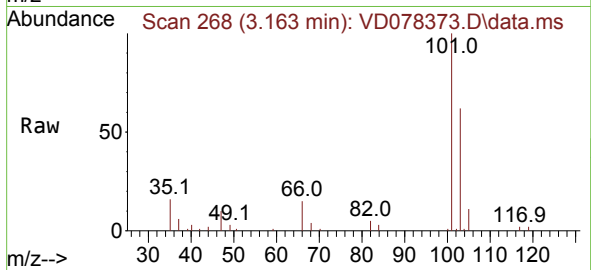
Tgt Ion: 64 Resp: 47582
Ion Ratio Lower Upper
64 100
66 30.7 25.5 38.3



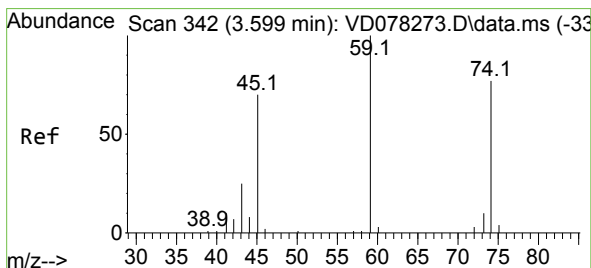
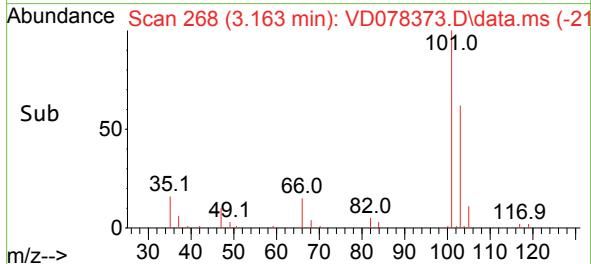
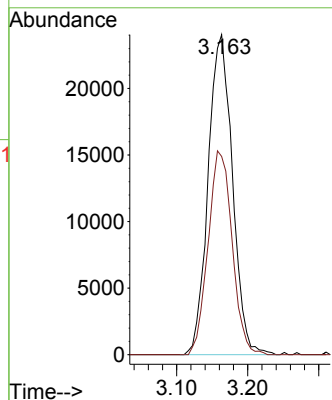


#7
 Trichlorofluoromethane
 Concen: 21.517 ug/l
 RT: 3.163 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VD078373.D
 Acq: 08 Feb 2024 17:01

Instrument :
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 ClientSampleId :

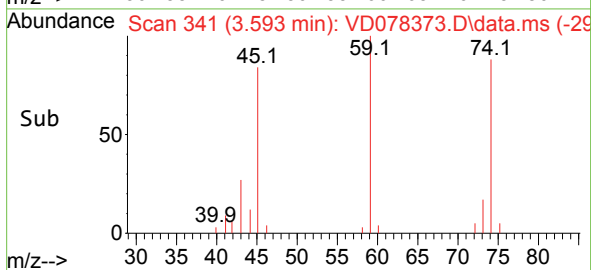
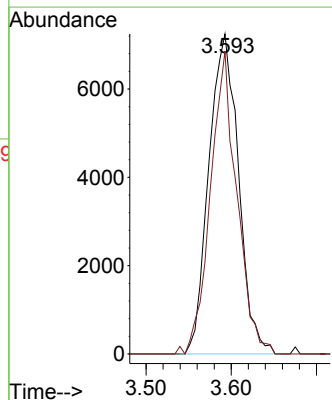
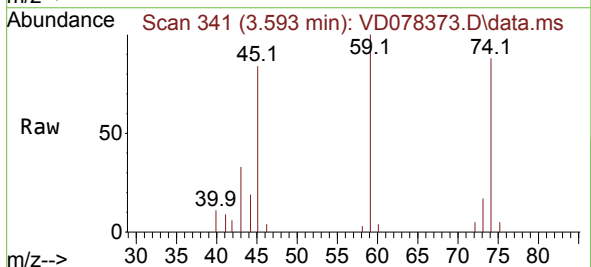


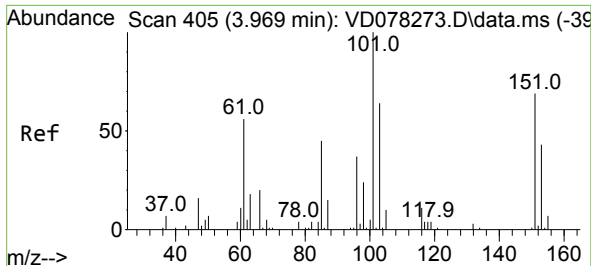
Tgt Ion:101 Resp: 57061
 Ion Ratio Lower Upper
 101 100
 103 62.0 52.3 78.5



#8
 Diethyl Ether
 Concen: 22.323 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078373.D
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Tgt Ion: 74 Resp: 17512
 Ion Ratio Lower Upper
 74 100
 45 84.7 37.5 112.7

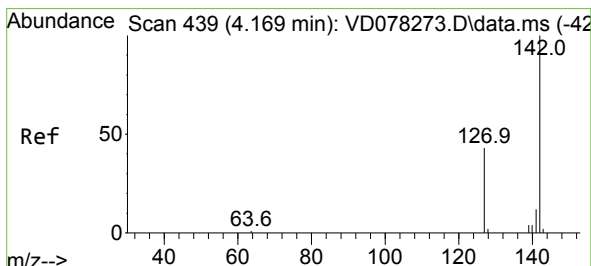
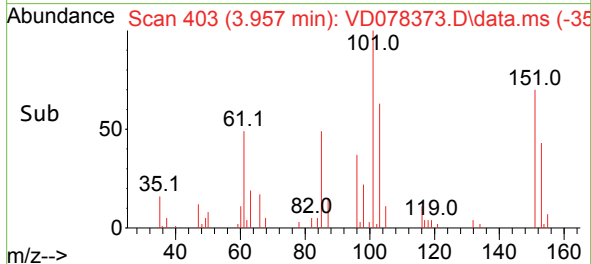
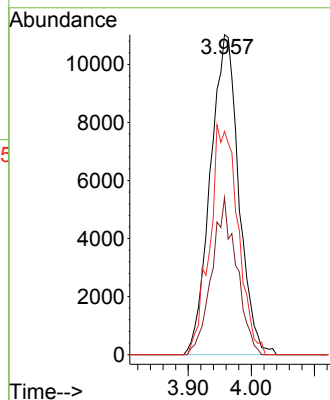
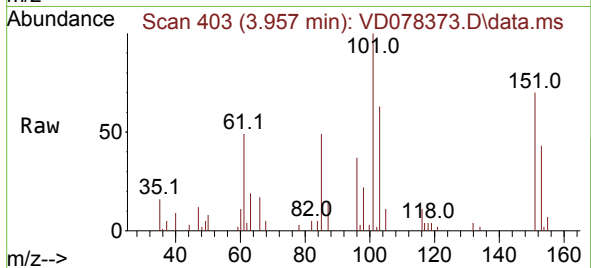




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.183 ug/l
RT: 3.957 min Scan# 405
Delta R.T. -0.012 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

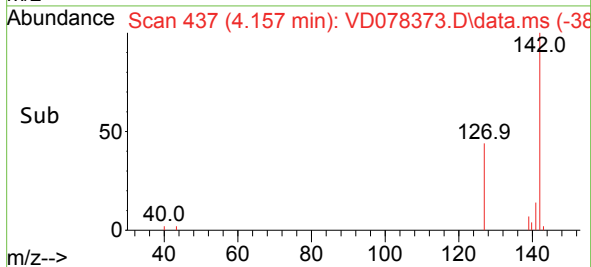
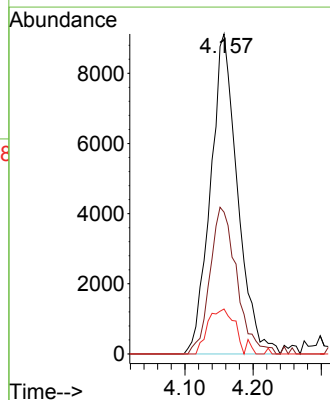
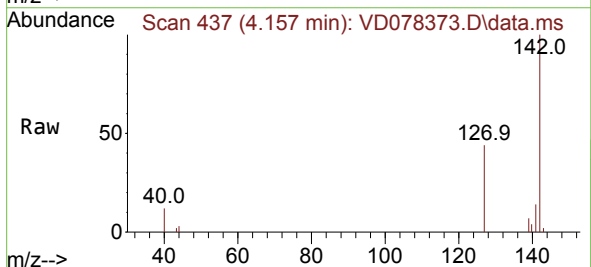
Instrument :
MSVOA_D
ClientSampleId :

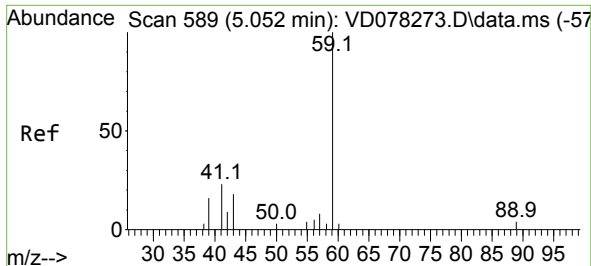
Tgt Ion:101 Resp: 34475
Ion Ratio Lower Upper
101 100
85 42.8 33.8 50.6
151 71.3 59.8 89.6



#10
Methyl Iodide
Concen: 17.016 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.012 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Tgt Ion:142 Resp: 25191
Ion Ratio Lower Upper
142 100
127 45.3 29.4 44.0#
141 13.7 11.1 16.7

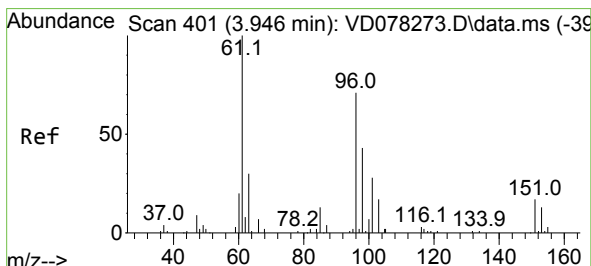
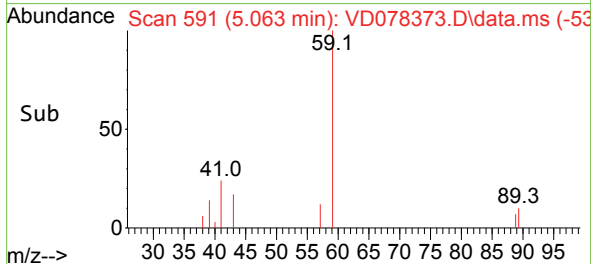
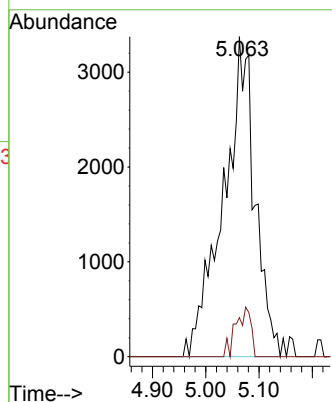
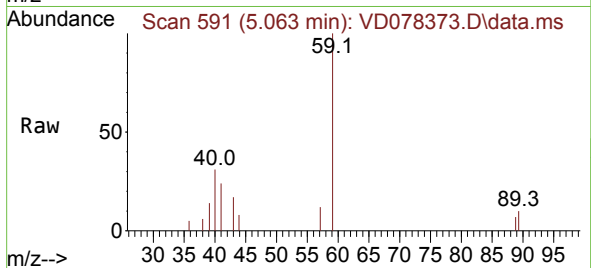




#11
Tert butyl alcohol
Concen: 153.402 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

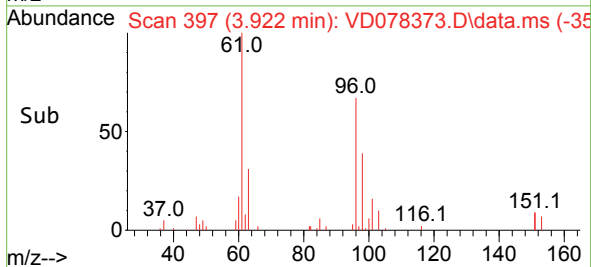
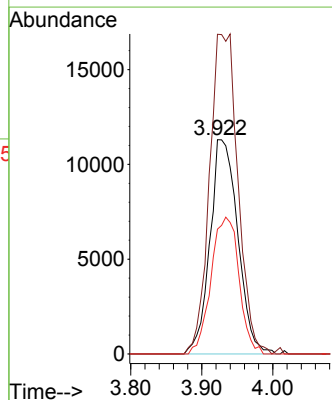
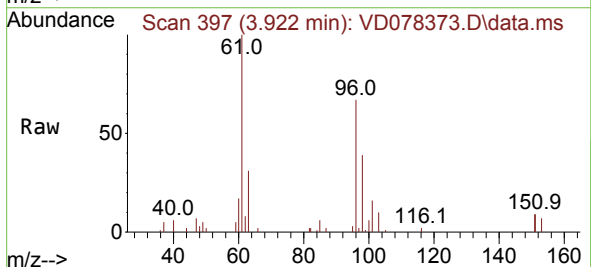
Instrument :
MSVOA_D
ClientSampleId :

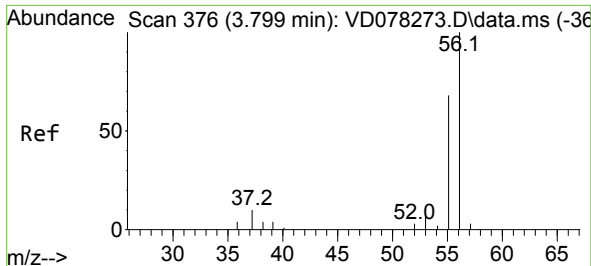
Tgt Ion: 59 Resp: 13827
Ion Ratio Lower Upper
59 100
57 7.4 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 19.606 ug/l
RT: 3.922 min Scan# 397
Delta R.T. -0.024 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Tgt Ion: 96 Resp: 30789
Ion Ratio Lower Upper
96 100
61 149.3 100.6 150.8
98 58.3 50.2 75.2





#13

Acrolein

Concen: 83.648 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Instrument :

MSVOA_D

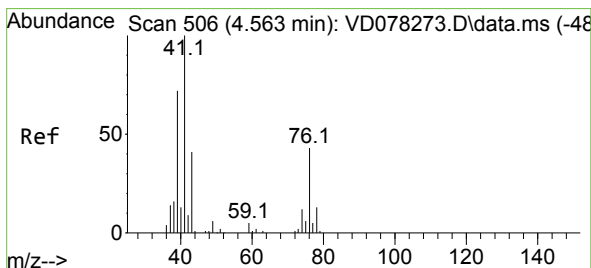
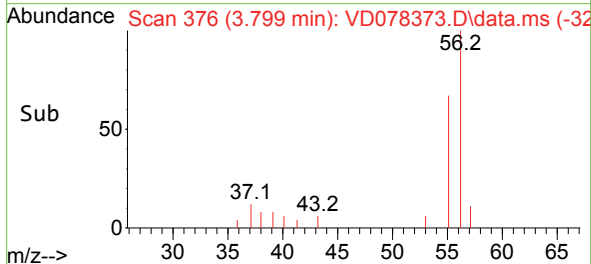
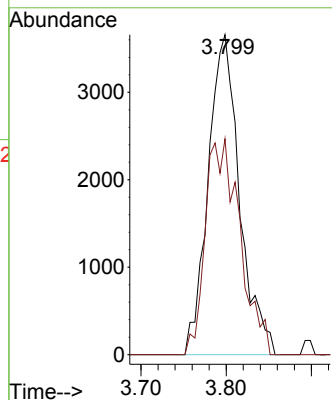
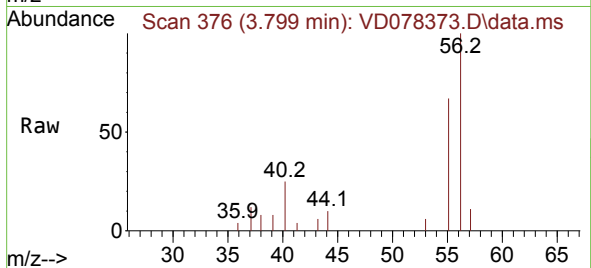
ClientSampleId :

Tgt Ion: 56 Resp: 9374

Ion Ratio Lower Upper

56 100

55 74.1 55.1 82.7



#14

Allyl chloride

Concen: 19.777 ug/l

RT: 4.557 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

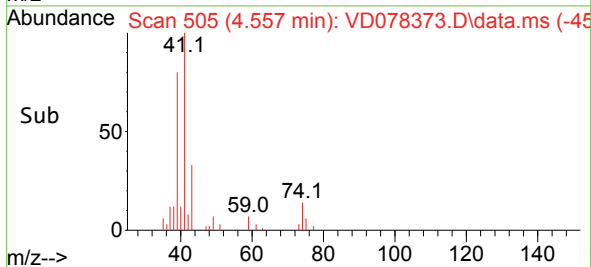
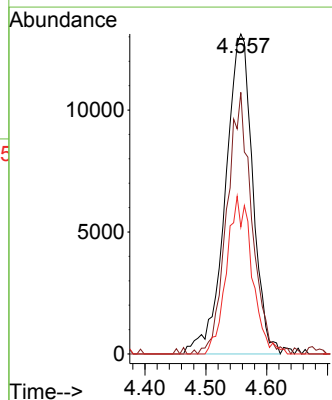
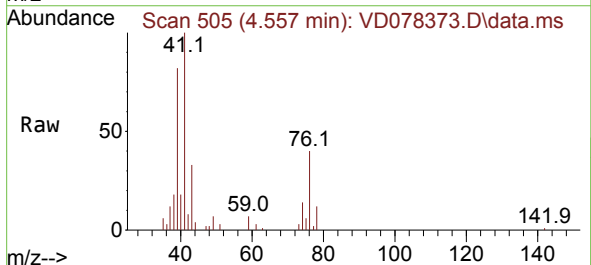
Tgt Ion: 41 Resp: 40946

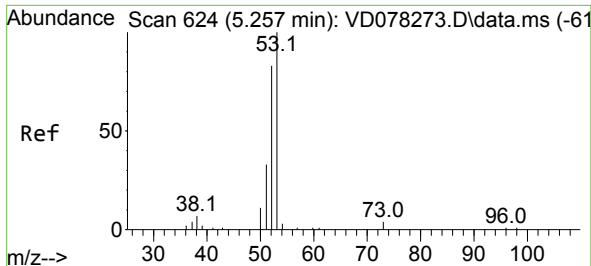
Ion Ratio Lower Upper

41 100

39 74.6 53.8 80.6

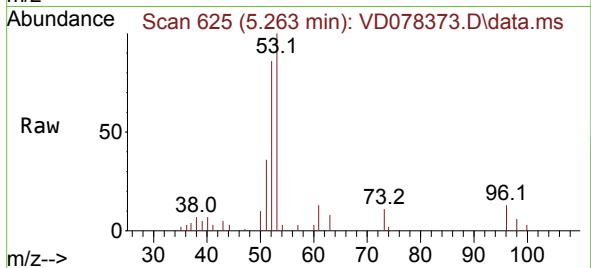
76 45.9 45.8 68.8



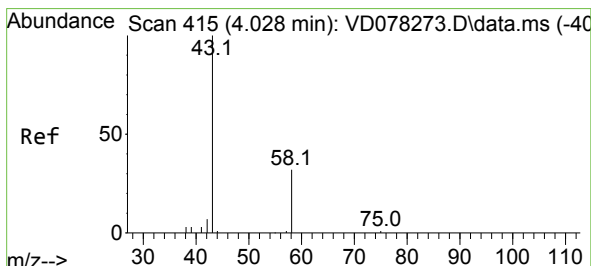
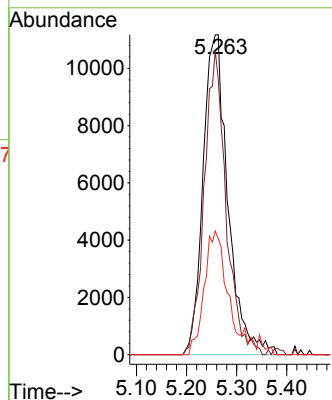
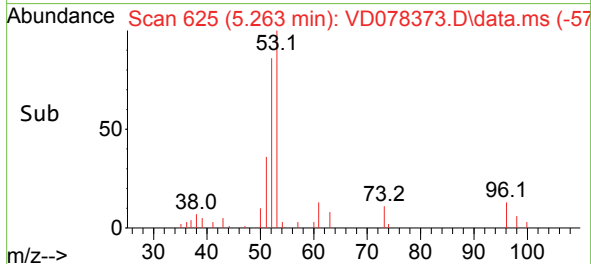


#15
Acrylonitrile
Concen: 111.518 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Instrument :
MSVOA_D
ClientSampleId :

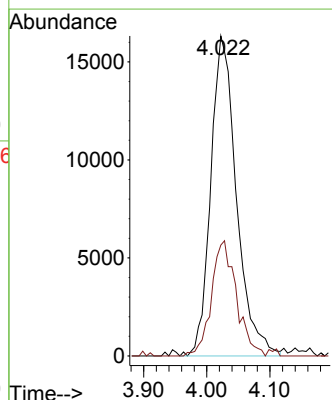
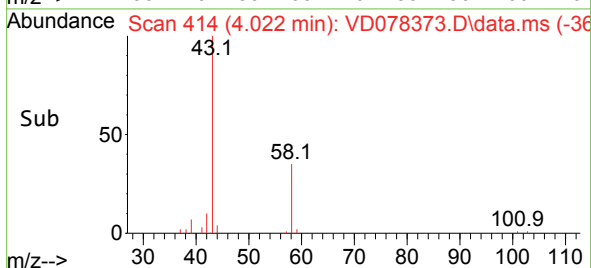
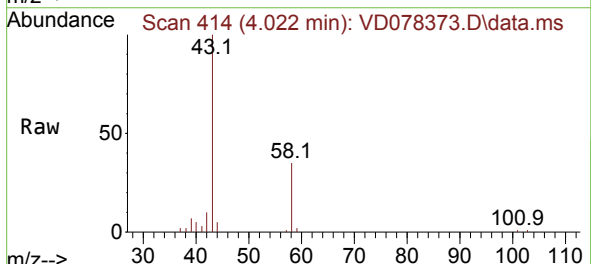


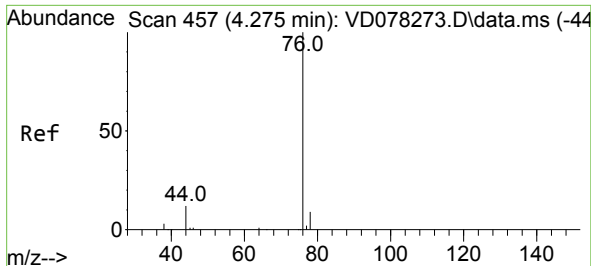
Tgt Ion: 53 Resp: 38669
Ion Ratio Lower Upper
53 100
52 82.9 65.0 97.4
51 37.4 28.3 42.5



#16
Acetone
Concen: 132.715 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Tgt Ion: 43 Resp: 46249
Ion Ratio Lower Upper
43 100
58 34.7 34.7 52.1#

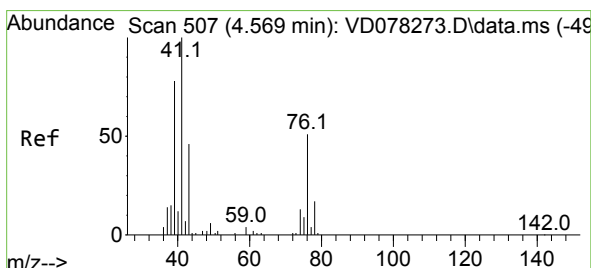
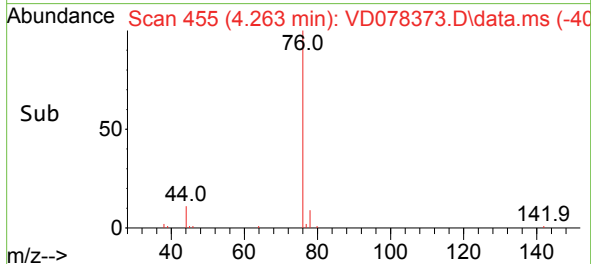
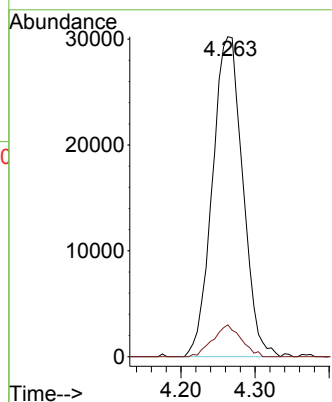
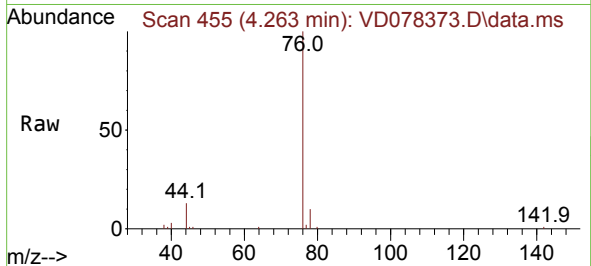




#17
Carbon Disulfide
Concen: 16.183 ug/l
RT: 4.263 min Scan# 455
Delta R.T. -0.012 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

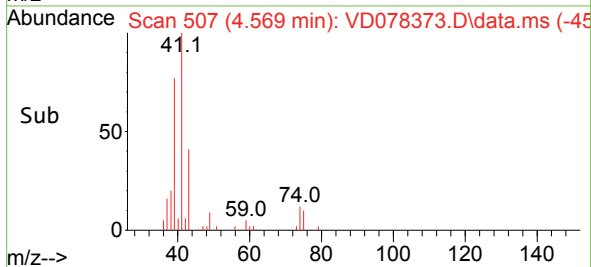
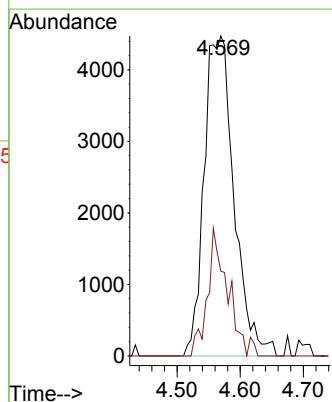
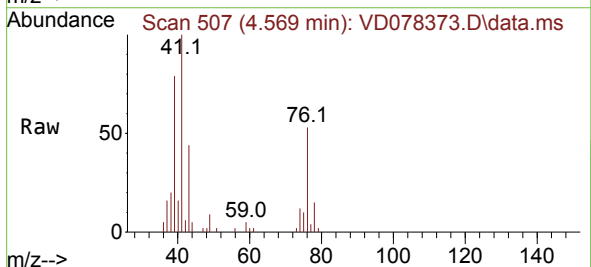
Instrument :
MSVOA_D
ClientSampleId :

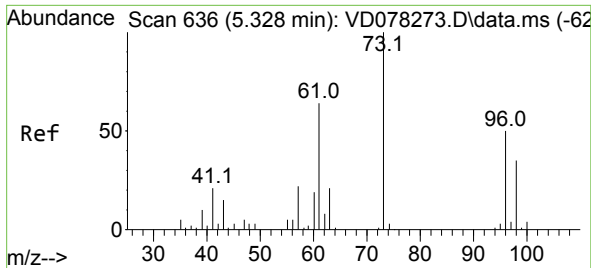
Tgt Ion: 76 Resp: 85793
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2



#18
Methyl Acetate
Concen: 19.505 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Tgt Ion: 43 Resp: 14691
Ion Ratio Lower Upper
43 100
74 26.2 26.4 39.6#

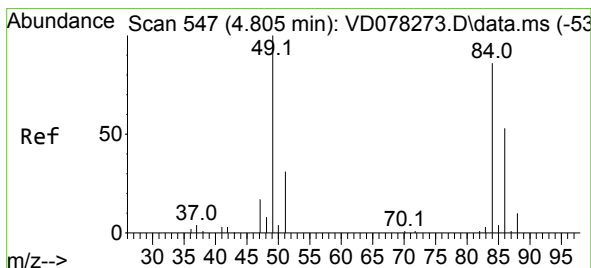
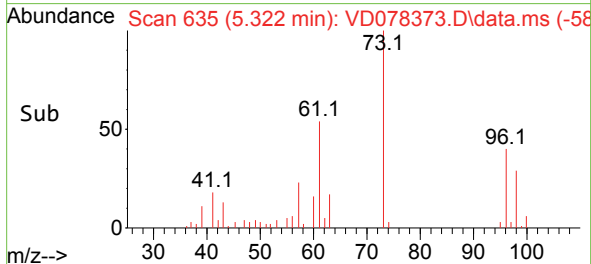
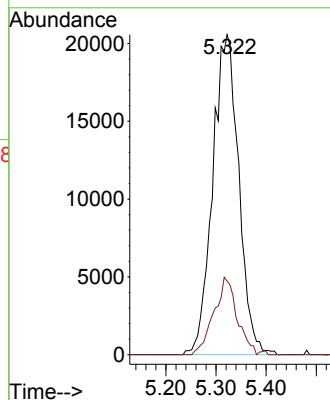
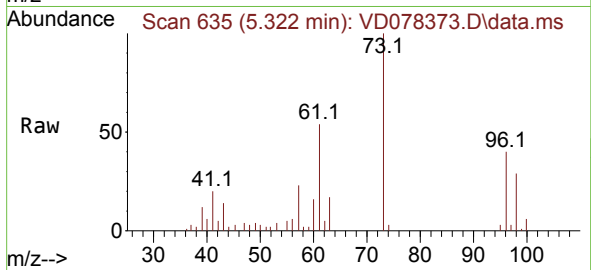




#19
Methyl tert-butyl Ether
Concen: 22.768 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

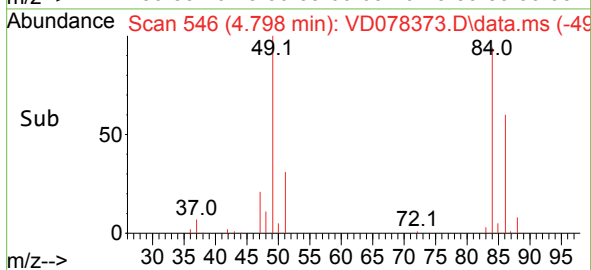
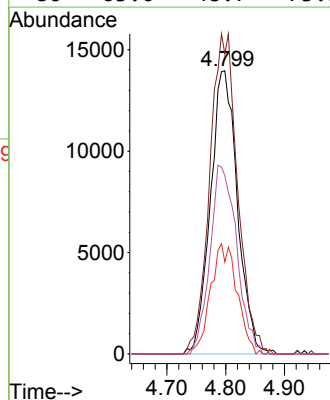
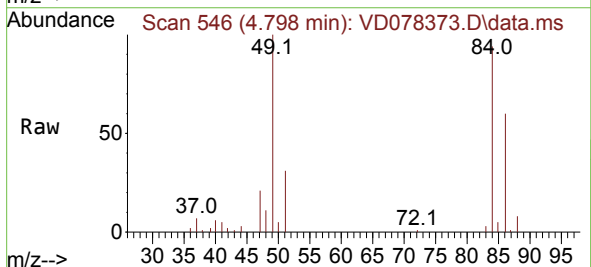
Instrument :
MSVOA_D
ClientSampleId :

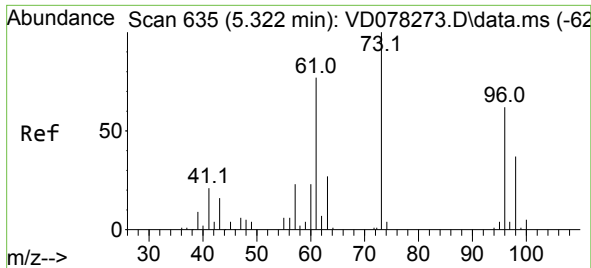
Tgt Ion: 73 Resp: 74356
Ion Ratio Lower Upper
73 100
57 23.0 16.6 25.0



#20
Methylene Chloride
Concen: 24.585 ug/l
RT: 4.798 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

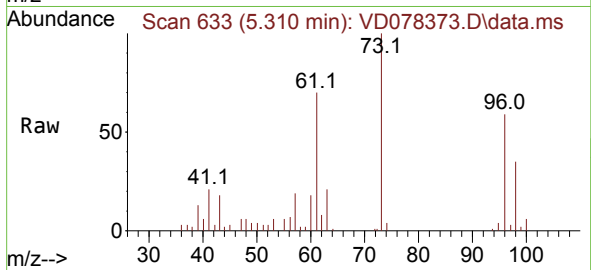
Tgt Ion: 84 Resp: 44557
Ion Ratio Lower Upper
84 100
49 105.9 71.4 107.2
51 32.5 24.5 36.7
86 63.0 48.7 73.1



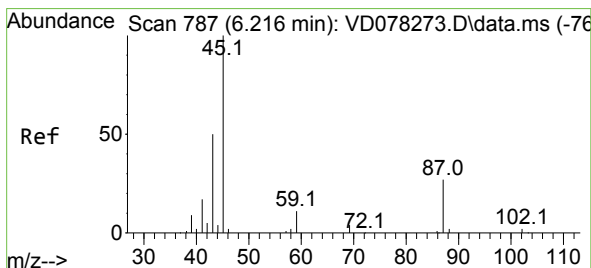
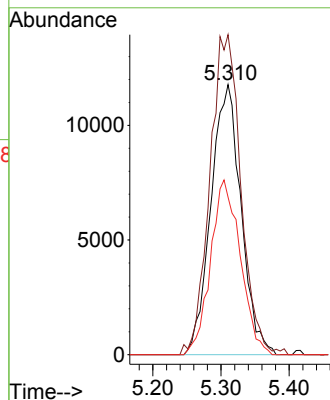
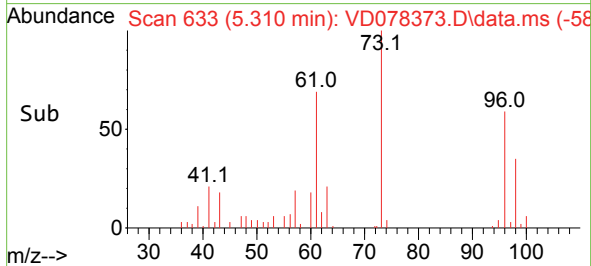


#21
trans-1,2-Dichloroethene
Concen: 20.395 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

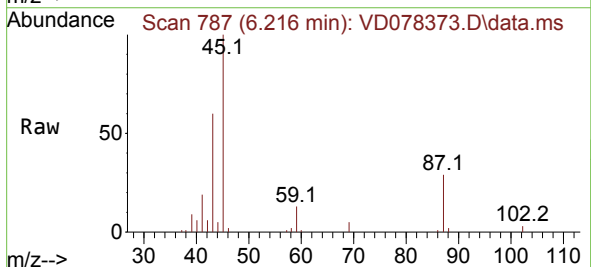
Instrument :
MSVOA_D
ClientSampleId :



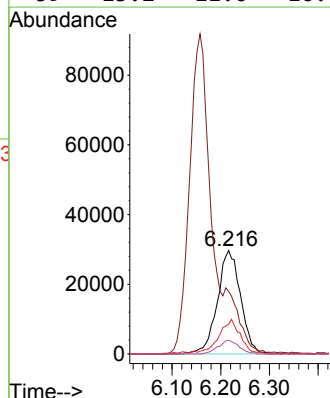
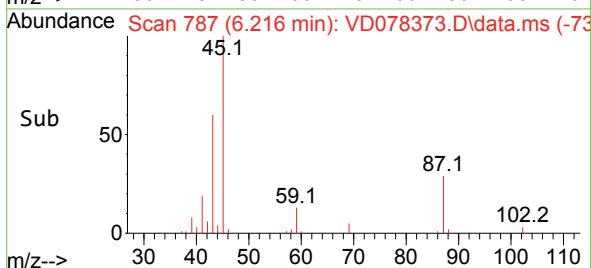
Tgt Ion: 96 Resp: 36213
Ion Ratio Lower Upper
96 100
61 118.5 89.3 133.9
98 58.4 48.6 73.0

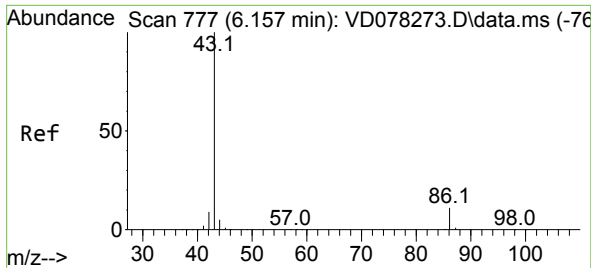


#22
Diisopropyl ether
Concen: 22.315 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01



Tgt Ion: 45 Resp: 98310
Ion Ratio Lower Upper
45 100
43 58.6 40.0 60.0
87 28.8 28.2 42.4
59 13.2 11.0 16.4





#23

Vinyl Acetate

Concen: 99.326 ug/l

RT: 6.157 min Scan# 777

Delta R.T. -0.000 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Instrument :

MSVOA_D

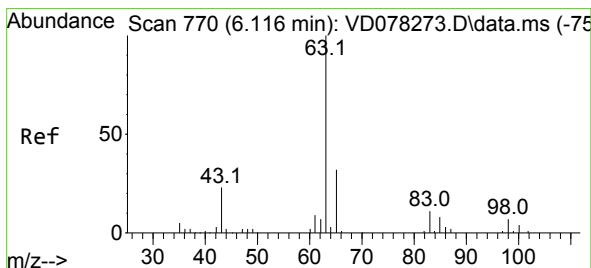
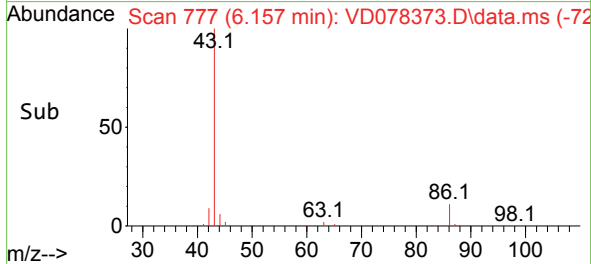
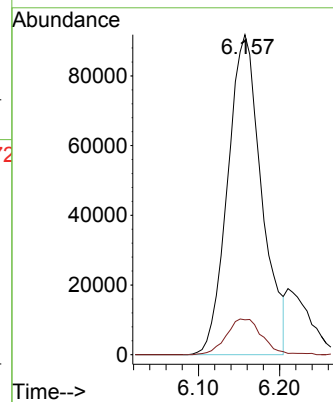
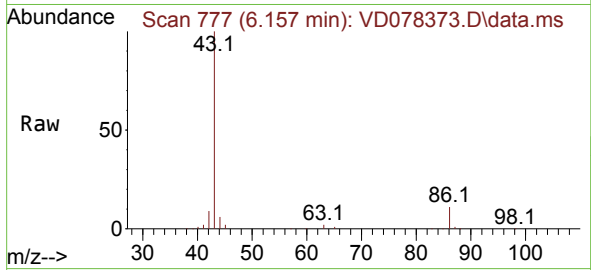
ClientSampleId :

Tgt Ion: 43 Resp: 266972

Ion Ratio Lower Upper

43 100

86 10.9 12.5 18.7#



#24

1,1-Dichloroethane

Concen: 21.001 ug/l

RT: 6.104 min Scan# 768

Delta R.T. -0.012 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

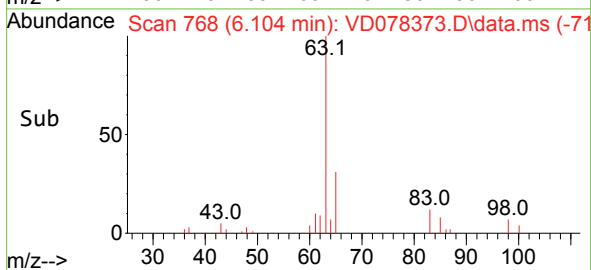
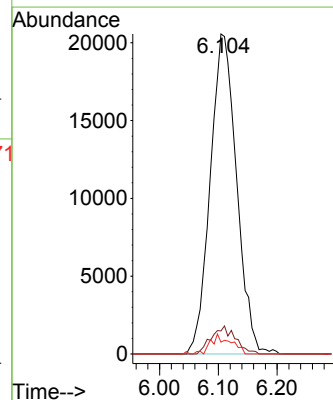
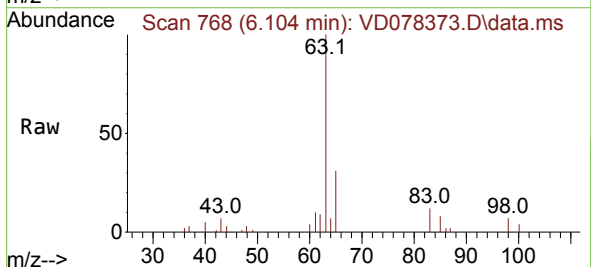
Tgt Ion: 63 Resp: 64050

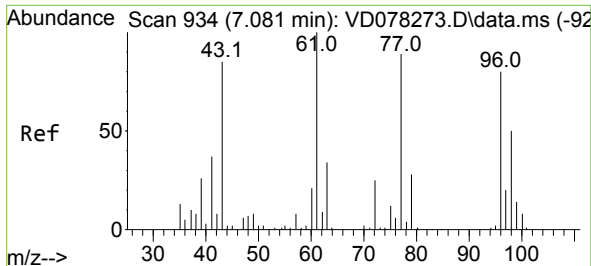
Ion Ratio Lower Upper

63 100

98 7.2 4.5 13.7

100 3.7 2.5 7.5

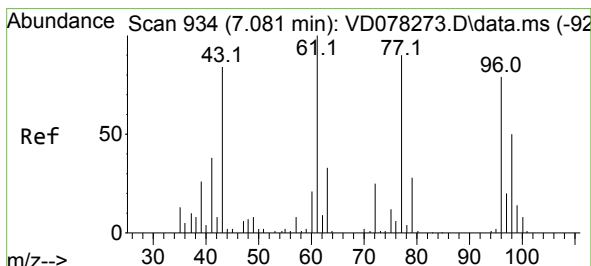
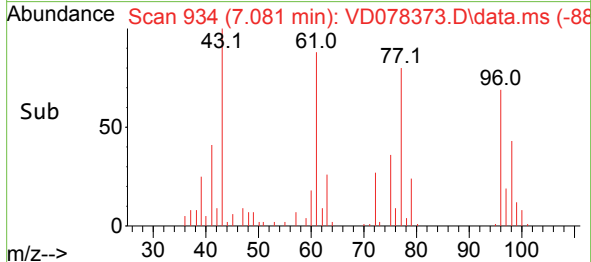
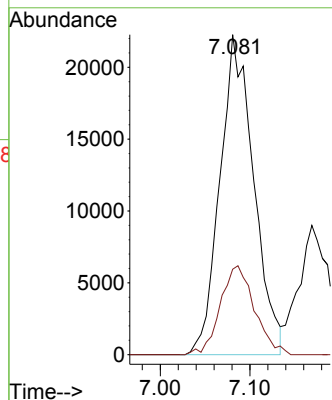
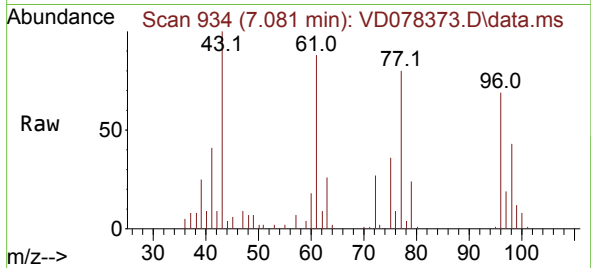




#25
2-Butanone
Concen: 123.534 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

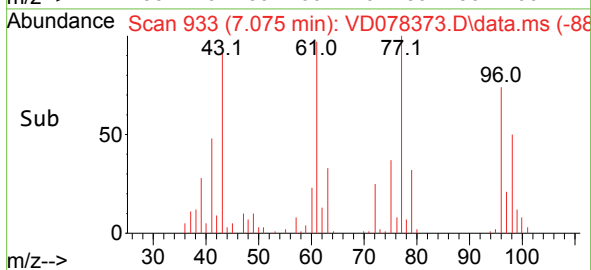
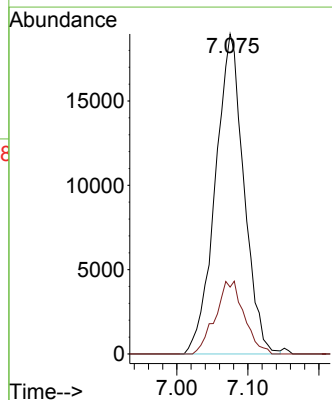
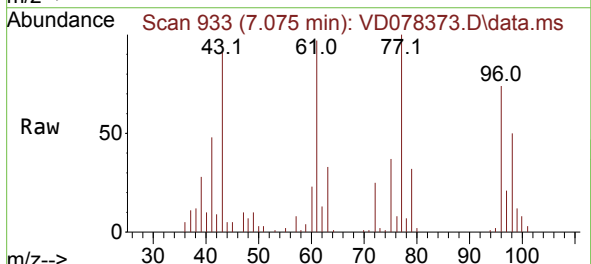
Instrument :
MSVOA_D
ClientSampleId :

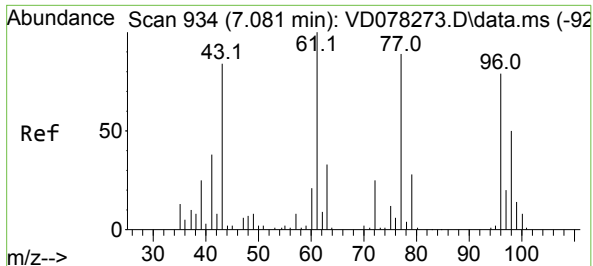
Tgt Ion: 43 Resp: 58168
Ion Ratio Lower Upper
43 100
72 26.7 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 21.252 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Tgt Ion: 77 Resp: 52946
Ion Ratio Lower Upper
77 100
97 22.9 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 20.128 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Instrument :

MSVOA_D

ClientSampleId :

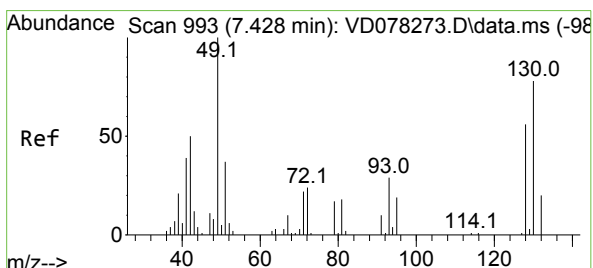
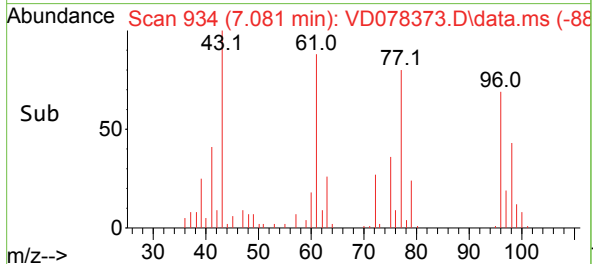
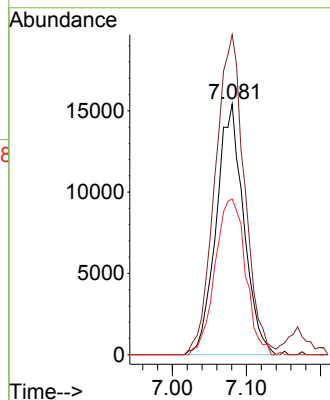
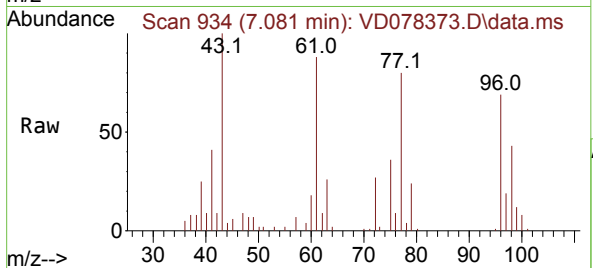
Tgt Ion: 96 Resp: 39609

Ion Ratio Lower Upper

96 100

61 136.9 0.0 239.2

98 68.8 0.0 128.6



#28

Bromochloromethane

Concen: 15.196 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

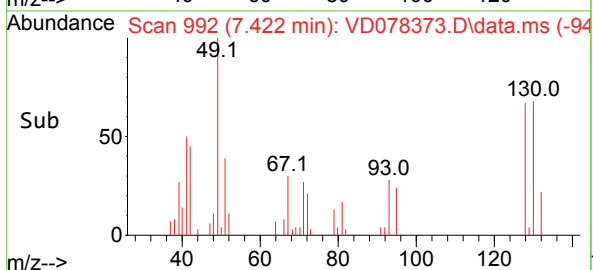
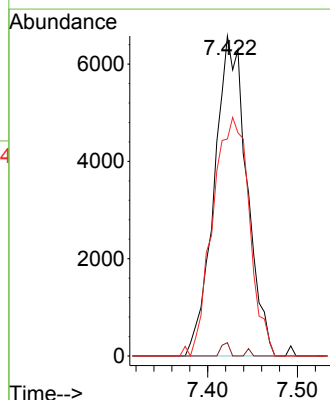
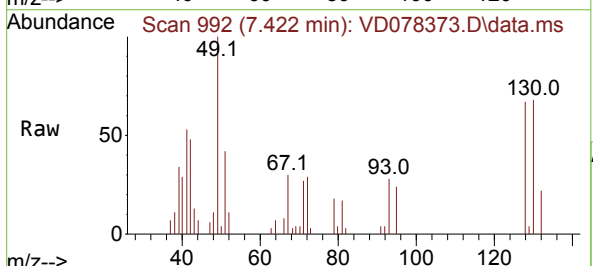
Tgt Ion: 49 Resp: 16530

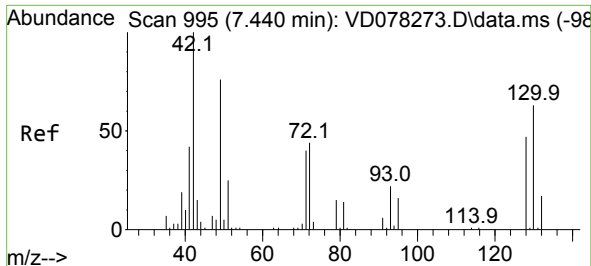
Ion Ratio Lower Upper

49 100

129 1.1 0.0 6.0

130 84.1 83.2 124.8





#29

Tetrahydrofuran

Concen: 115.947 ug/l

RT: 7.445 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD078373.D

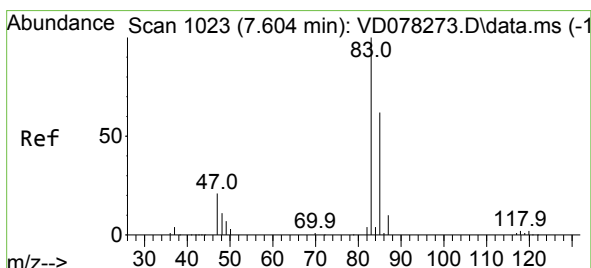
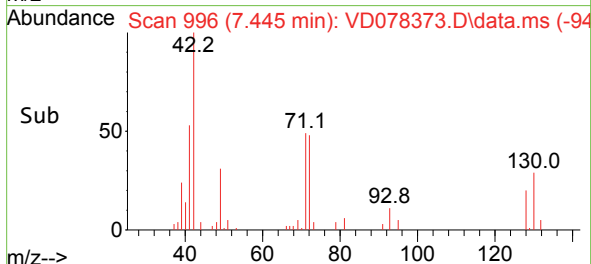
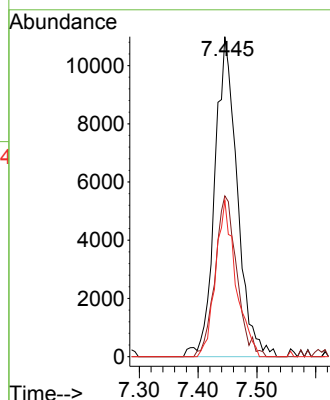
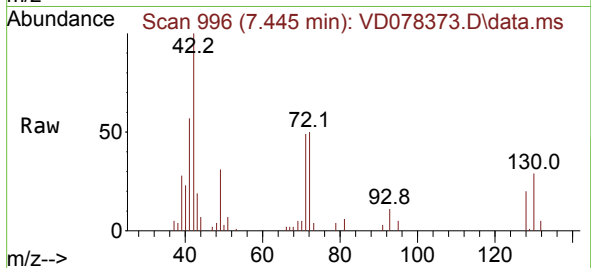
Acq: 08 Feb 2024 17:01

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	29207
Ion	Ratio	Lower	Upper
42	100		
72	48.6	46.5	69.7
71	44.0	44.5	66.7#



#30

Chloroform

Concen: 21.999 ug/l

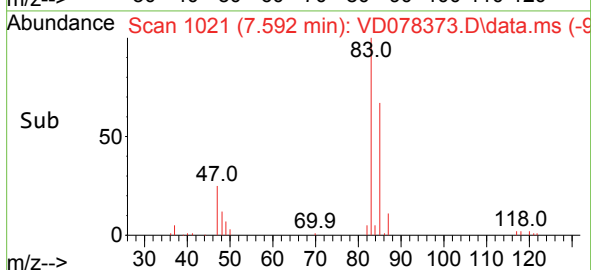
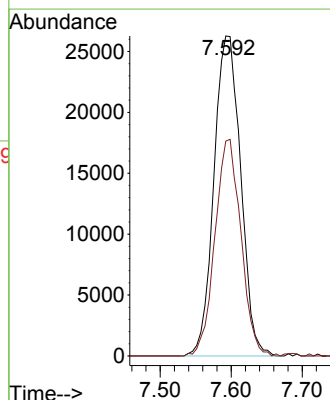
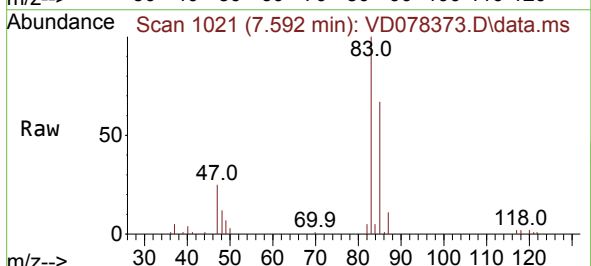
RT: 7.592 min Scan# 1021

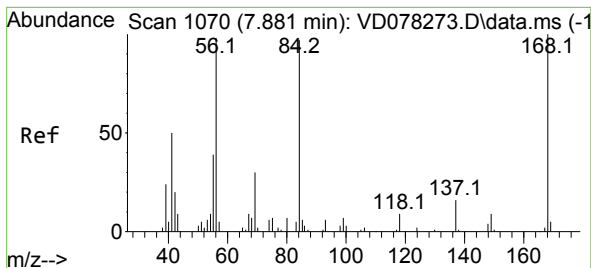
Delta R.T. -0.012 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Tgt Ion:	83	Resp:	68600
Ion	Ratio	Lower	Upper
83	100		
85	67.2	53.4	80.2





#31

Cyclohexane

Concen: 18.179 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Instrument :

MSVOA_D

ClientSampleId :

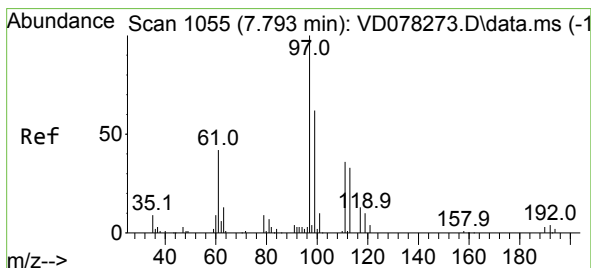
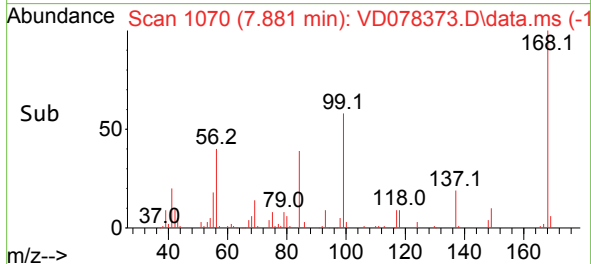
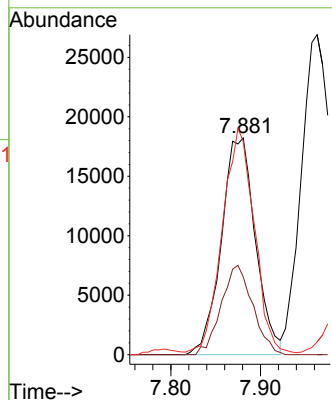
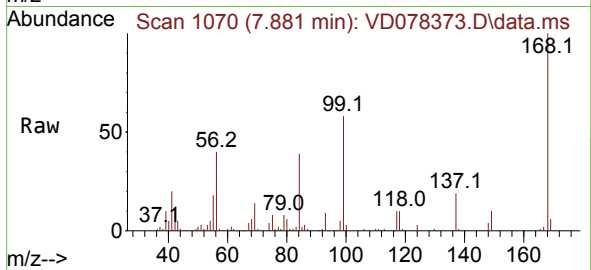
Tgt Ion: 56 Resp: 48110

Ion Ratio Lower Upper

56 100

69 36.0 28.6 43.0

84 97.1 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 21.331 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

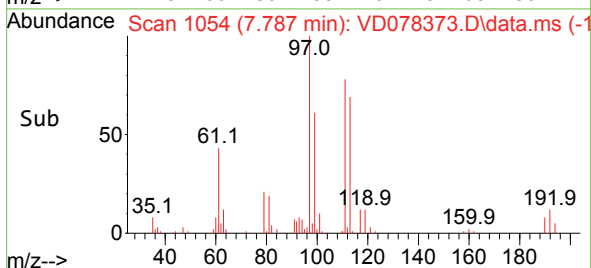
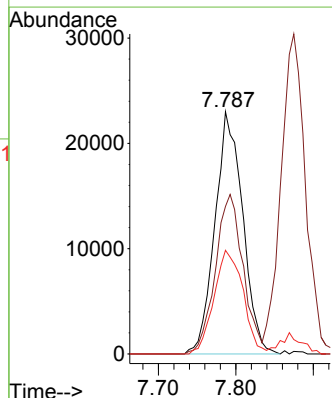
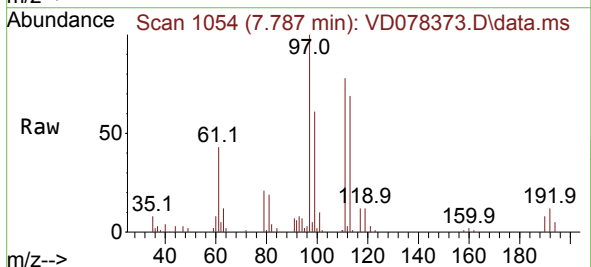
Tgt Ion: 97 Resp: 57325

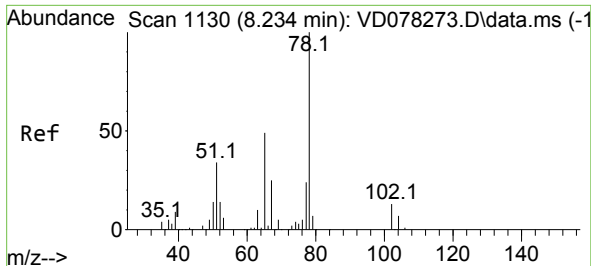
Ion Ratio Lower Upper

97 100

99 65.7 52.0 78.0

61 44.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 54.108 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Instrument :

MSVOA_D

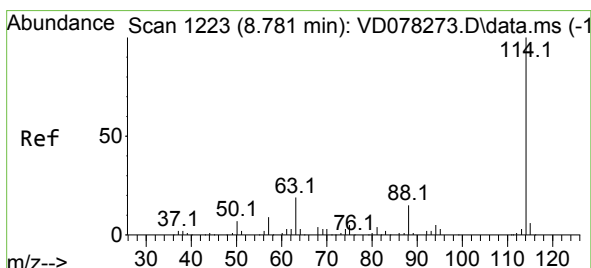
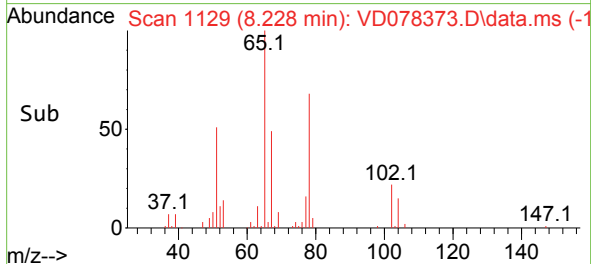
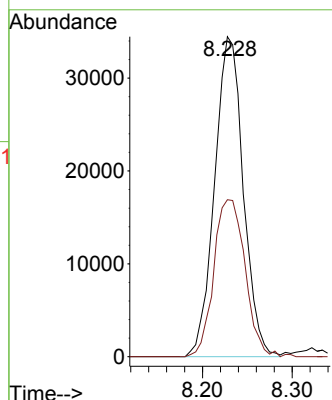
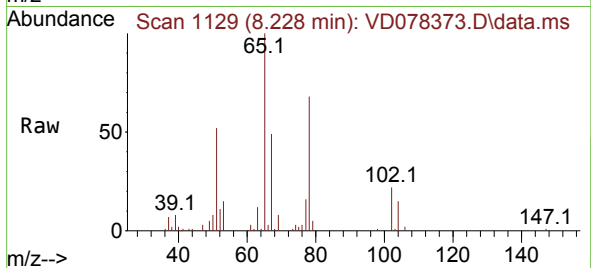
ClientSampleId :

Tgt Ion: 65 Resp: 76460

Ion Ratio Lower Upper

65 100

67 53.5 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

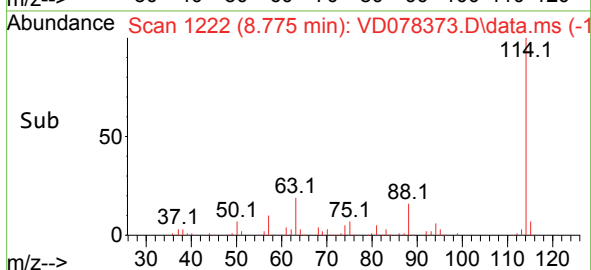
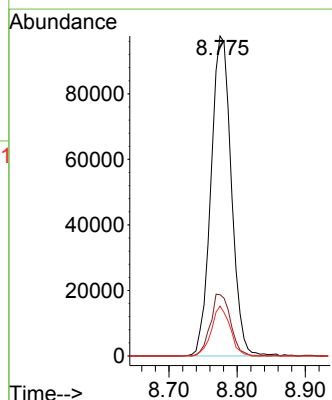
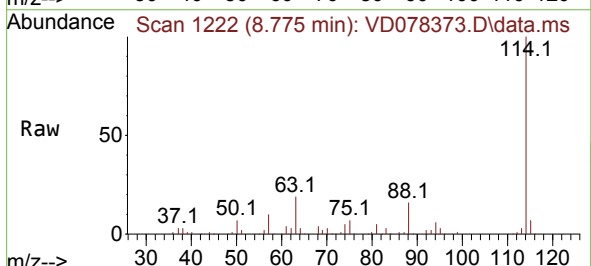
Tgt Ion:114 Resp: 203518

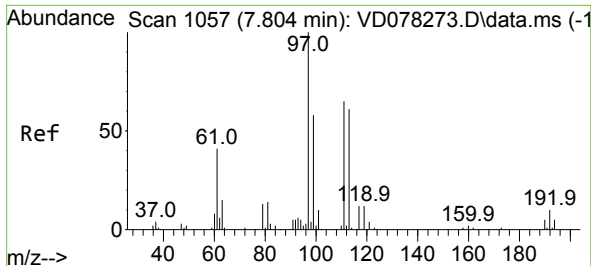
Ion Ratio Lower Upper

114 100

63 19.2 0.0 33.4

88 15.6 0.0 26.2

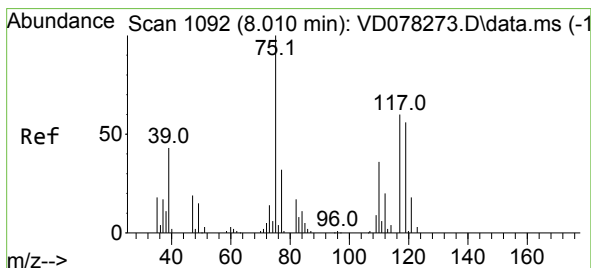
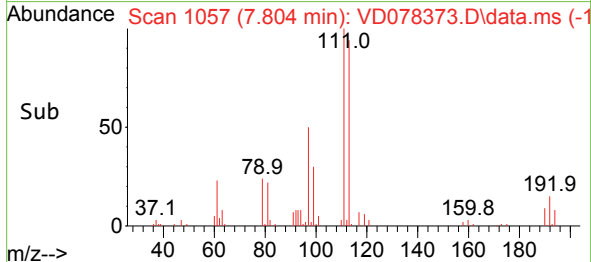
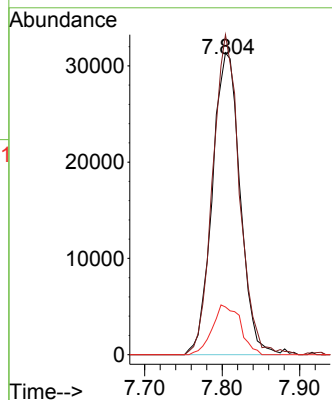
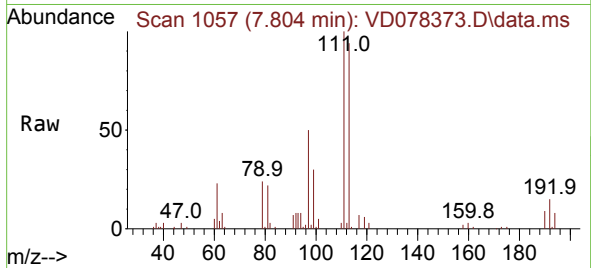




#35
Dibromofluoromethane
Concen: 53.879 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

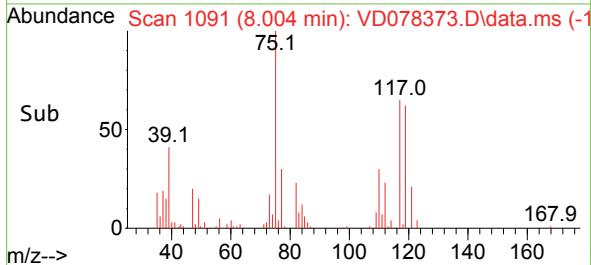
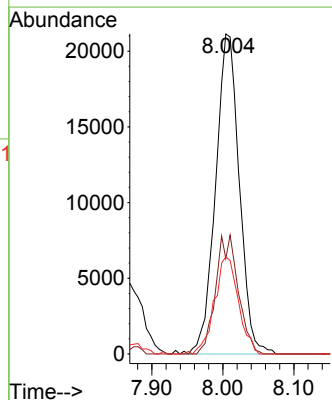
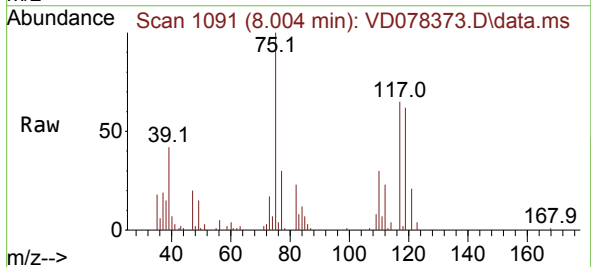
Instrument :
MSVOA_D
ClientSampleId :

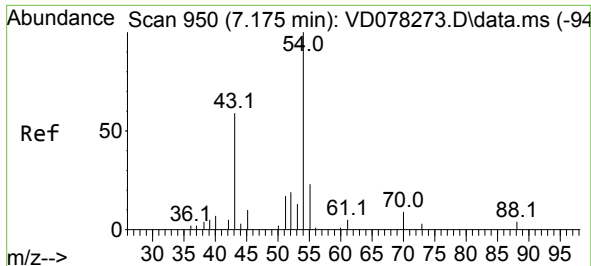
Tgt Ion:113 Resp: 78066
Ion Ratio Lower Upper
113 100
111 102.5 84.7 127.1
192 16.7 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 20.399 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Tgt Ion: 75 Resp: 49012
Ion Ratio Lower Upper
75 100
110 35.3 19.9 59.6
77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 24.634 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

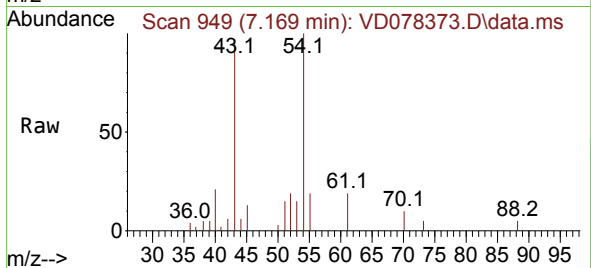
Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

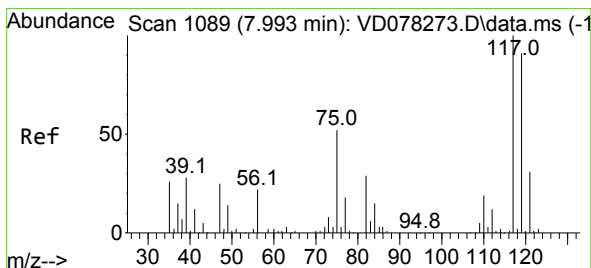
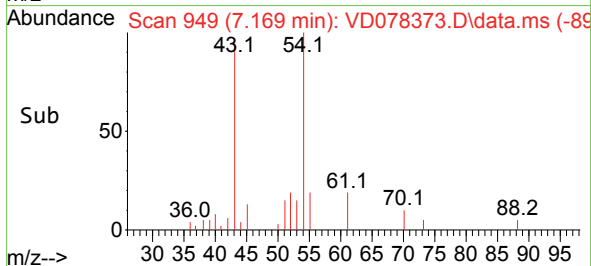
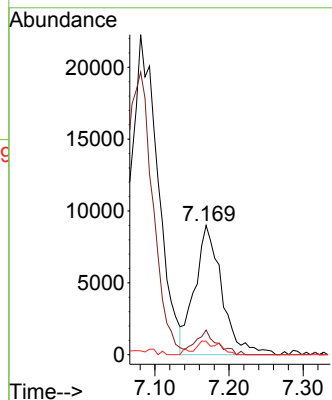
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43	Resp: 22780
Ion Ratio	Lower Upper
43	100
61	14.7 14.9 22.3#
70	9.6 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 21.324 ug/l

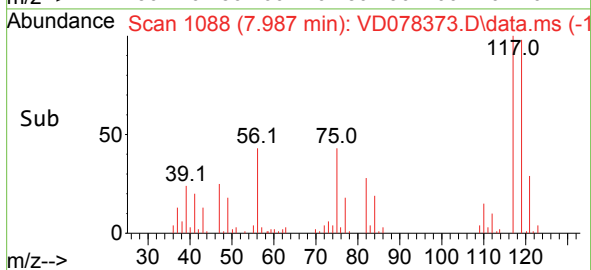
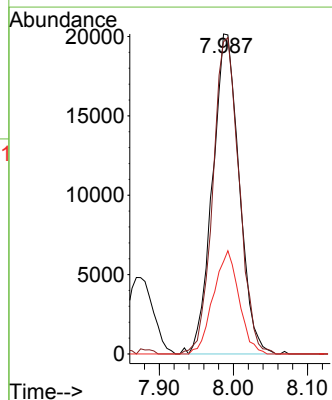
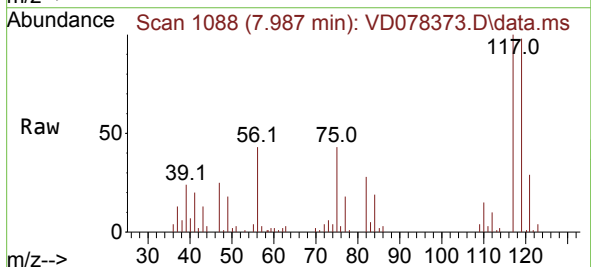
RT: 7.987 min Scan# 1088

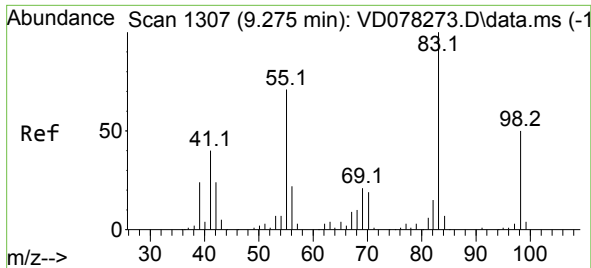
Delta R.T. -0.006 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Tgt Ion: 117	Resp: 50377
Ion Ratio	Lower Upper
117	100
119	97.5 78.0 117.0
121	28.9 24.2 36.2





#39

Methylcyclohexane

Concen: 18.716 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Instrument :

MSVOA_D

ClientSampleId :

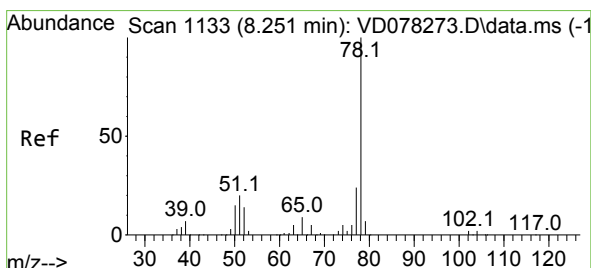
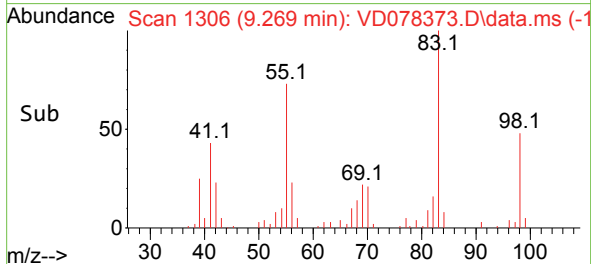
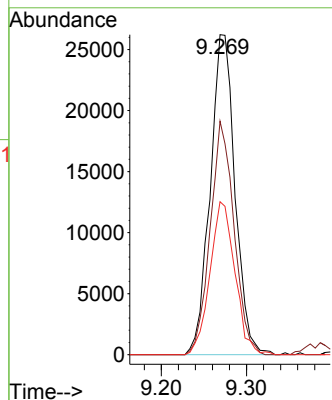
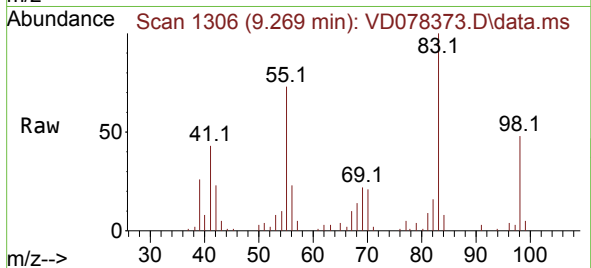
Tgt Ion: 83 Resp: 53166

Ion Ratio Lower Upper

83 100

55 73.0 49.4 74.0

98 47.8 38.4 57.6



#40

Benzene

Concen: 20.672 ug/l

RT: 8.245 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD078373.D

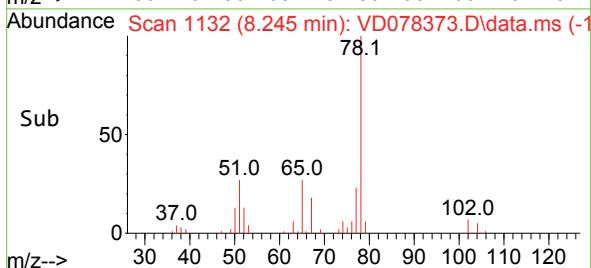
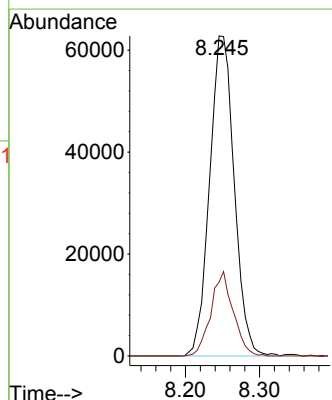
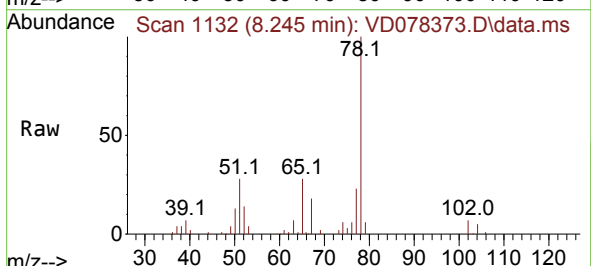
Acq: 08 Feb 2024 17:01

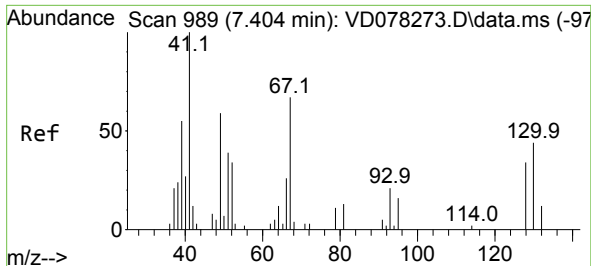
Tgt Ion: 78 Resp: 144916

Ion Ratio Lower Upper

78 100

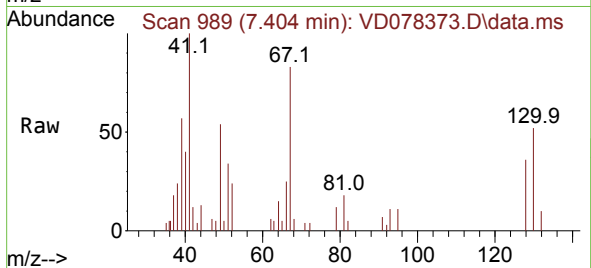
77 23.0 19.4 29.0



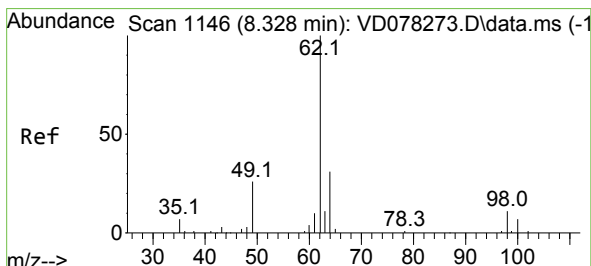
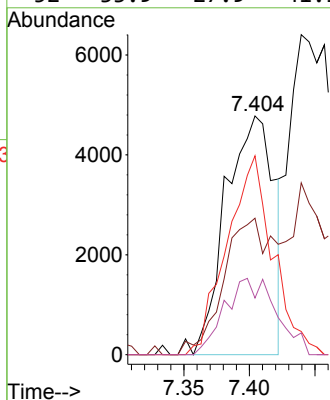
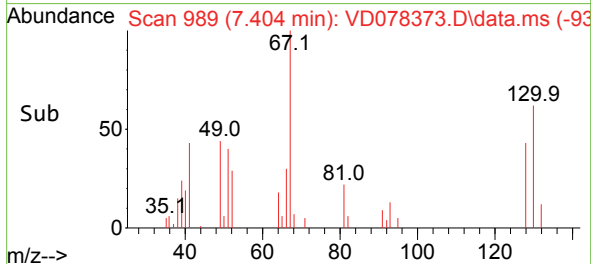


#41
Methacrylonitrile
Concen: 24.737 ug/l
RT: 7.404 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Instrument :
MSVOA_D
ClientSampleId :

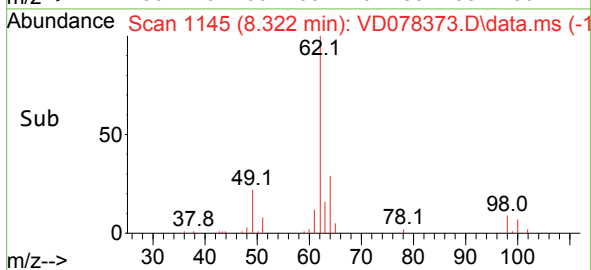
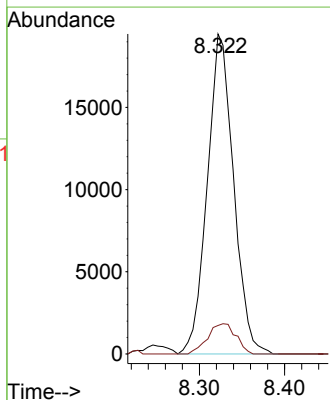
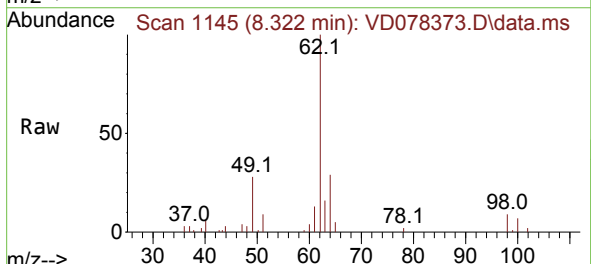


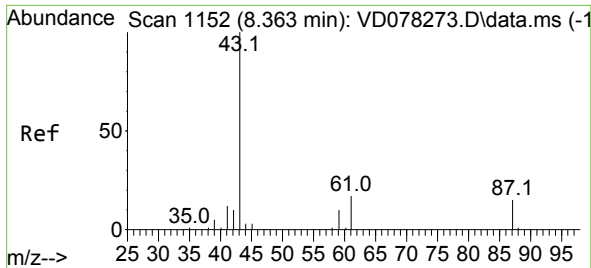
Tgt Ion:	41	Resp:	12298
Ion	Ratio	Lower	Upper
41	100		
39	59.1	34.0	51.0#
67	78.8	77.0	115.4
52	33.9	27.9	41.9



#42
1,2-Dichloroethane
Concen: 22.964 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Tgt Ion:	62	Resp:	41754
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	25.4

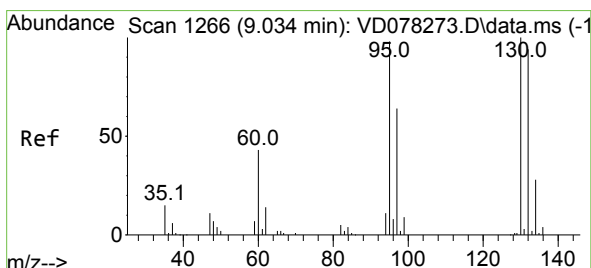
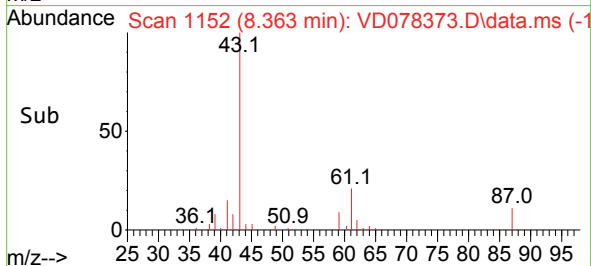
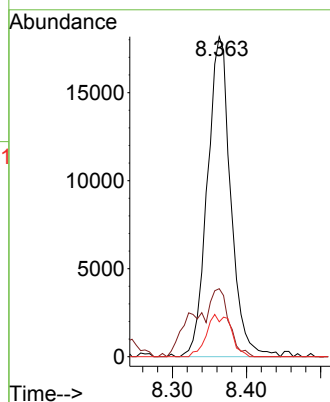
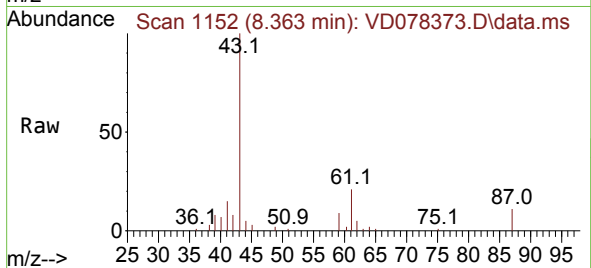




#43
Isopropyl Acetate
Concen: 23.936 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

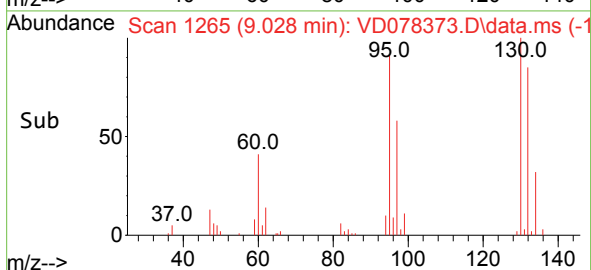
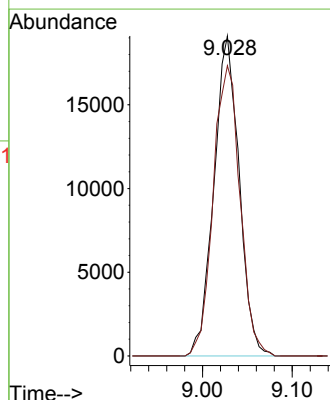
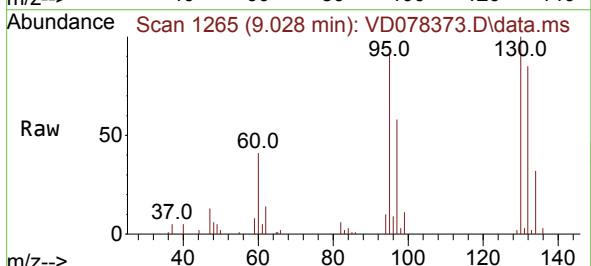
Instrument :
MSVOA_D
ClientSampleId :

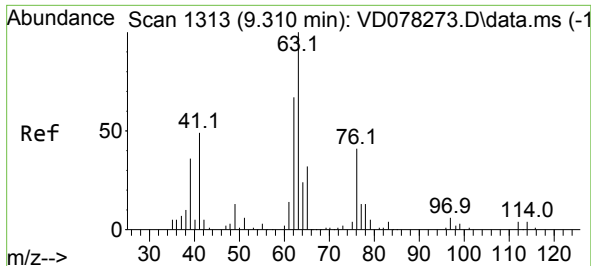
Tgt Ion: 43 Resp: 39686
Ion Ratio Lower Upper
43 100
61 17.1 31.4 47.0#
87 13.9 14.9 22.3#



#44
Trichloroethene
Concen: 21.705 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Tgt Ion:130 Resp: 37363
Ion Ratio Lower Upper
130 100
95 90.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 22.181 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Instrument :

MSVOA_D

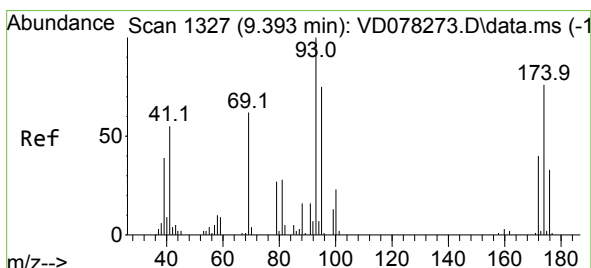
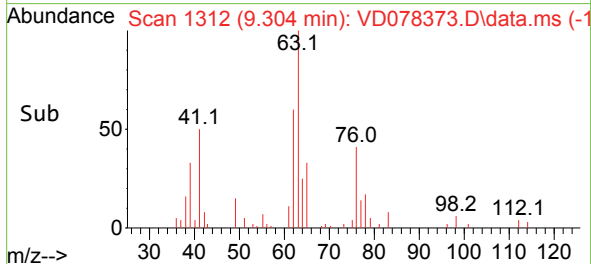
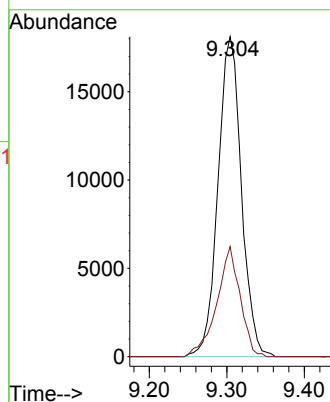
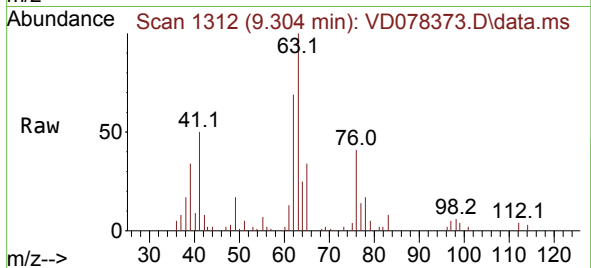
ClientSampleId :

Tgt Ion: 63 Resp: 38019

Ion Ratio Lower Upper

63 100

65 34.4 24.5 36.7



#46

Dibromomethane

Concen: 21.606 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

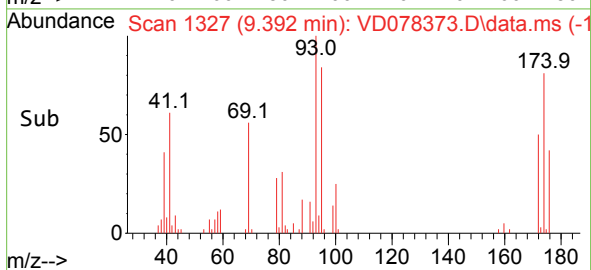
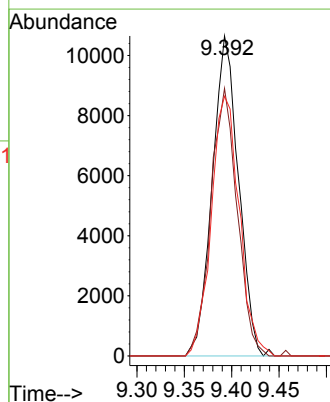
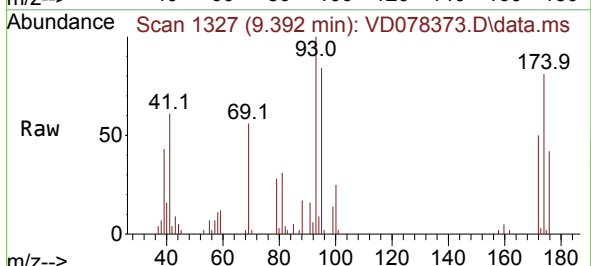
Tgt Ion: 93 Resp: 20548

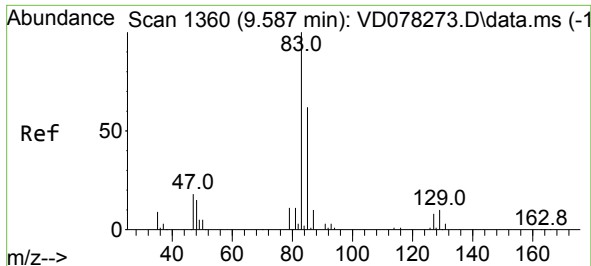
Ion Ratio Lower Upper

93 100

95 84.2 67.7 101.5

174 86.5 85.4 128.2

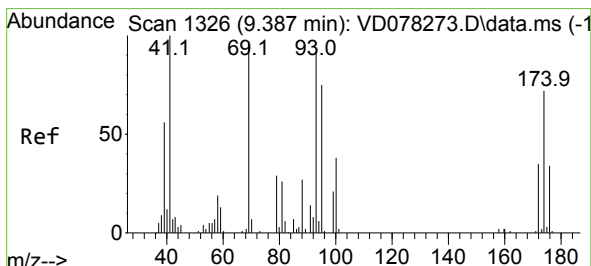
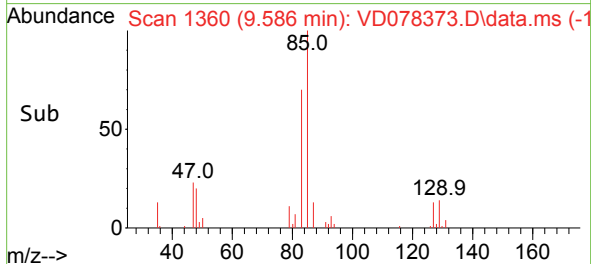
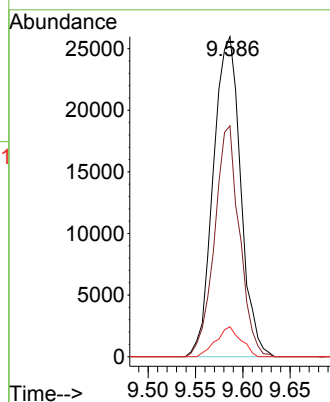
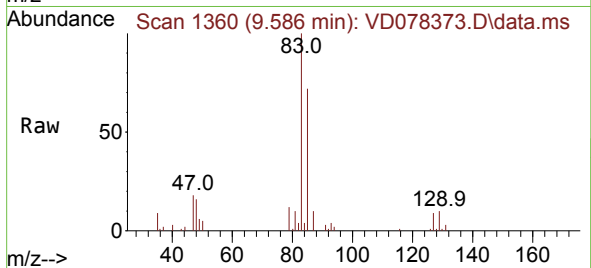




#47
Bromodichloromethane
Concen: 22.273 ug/l
RT: 9.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

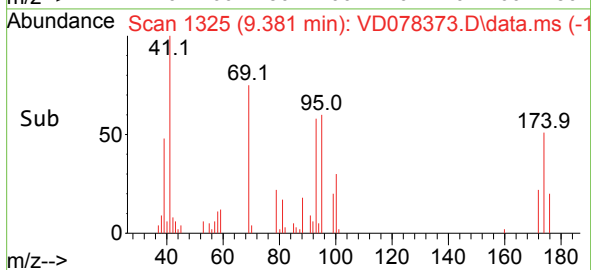
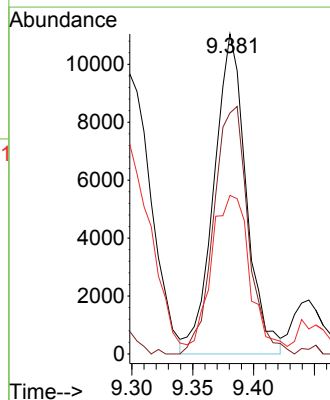
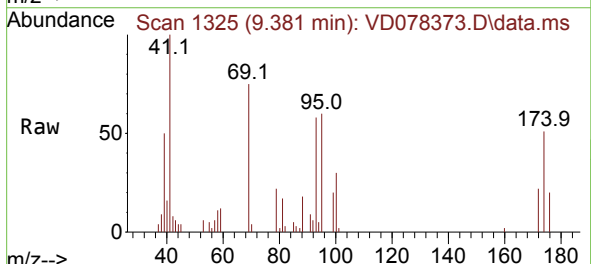
Instrument :
MSVOA_D
ClientSampleId :

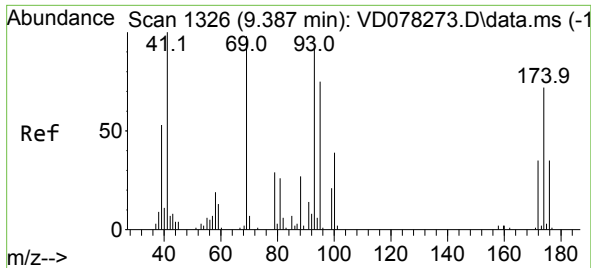
Tgt Ion: 83 Resp: 52114
Ion Ratio Lower Upper
83 100
85 72.1 50.2 75.4
127 9.4 6.3 9.5



#48
Methyl methacrylate
Concen: 25.758 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.006 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Tgt Ion: 41 Resp: 20408
Ion Ratio Lower Upper
41 100
69 82.4 102.2 153.2#
39 59.6 41.4 62.2





#49

1,4-Dioxane

Concen: 440.283 ug/l

RT: 9.386 min Scan# 1326

Delta R.T. -0.000 min

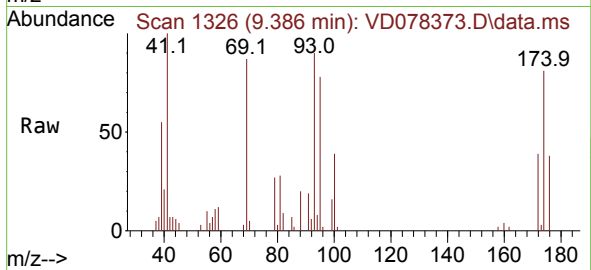
Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Instrument :

MSVOA_D

ClientSampleId :



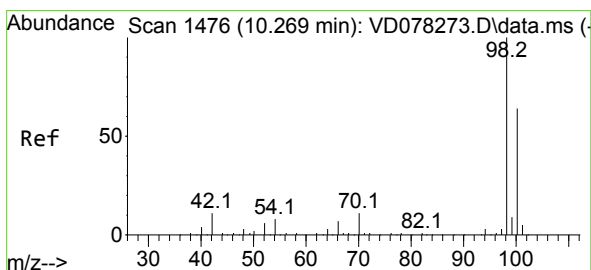
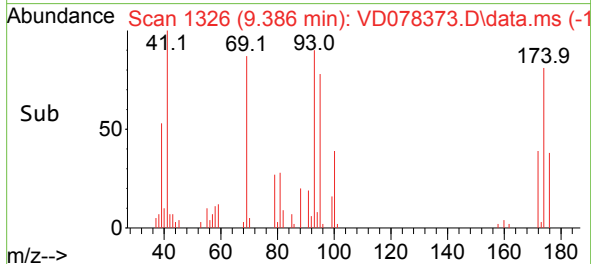
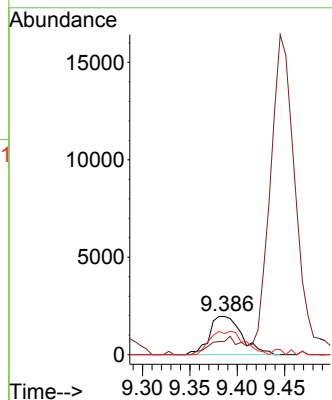
Tgt Ion: 88 Resp: 4697

Ion Ratio Lower Upper

88 100

43 40.3 19.0 28.6#

58 64.6 43.5 65.3



#50

Toluene-d8

Concen: 52.781 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078373.D

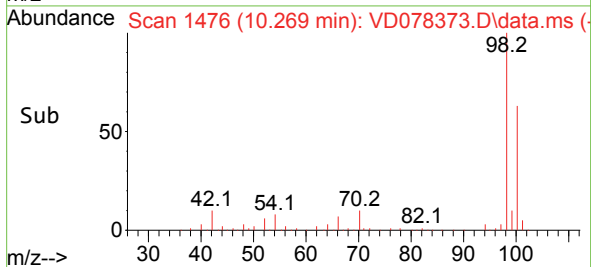
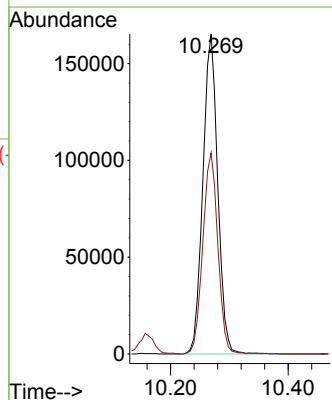
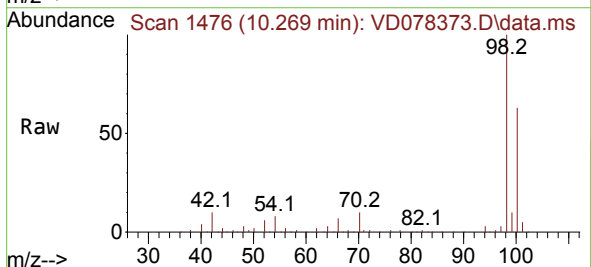
Acq: 08 Feb 2024 17:01

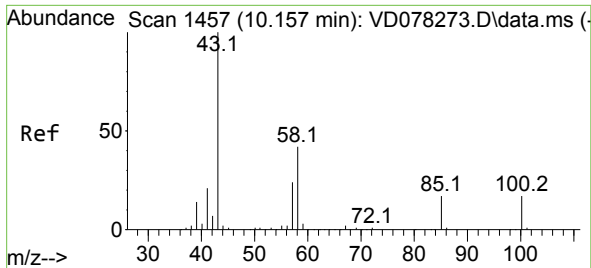
Tgt Ion: 98 Resp: 289538

Ion Ratio Lower Upper

98 100

100 63.6 50.3 75.5

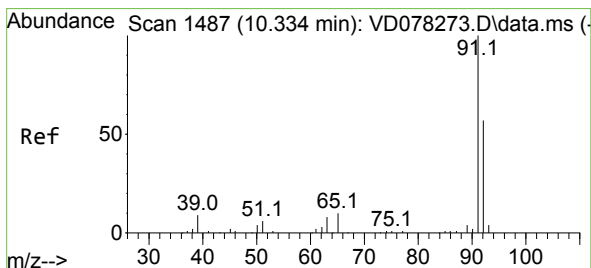
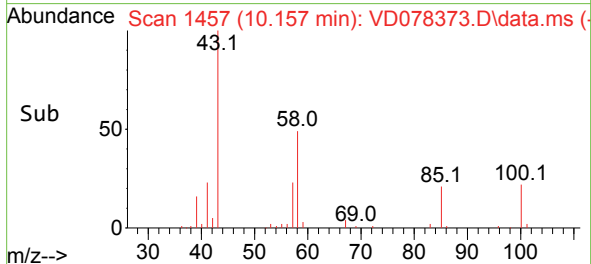
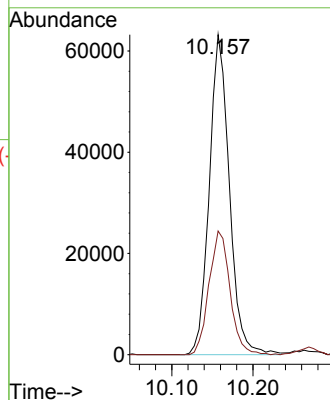
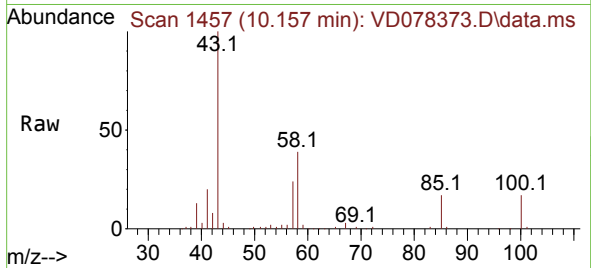




#51
4-Methyl-2-Pentanone
Concen: 121.084 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

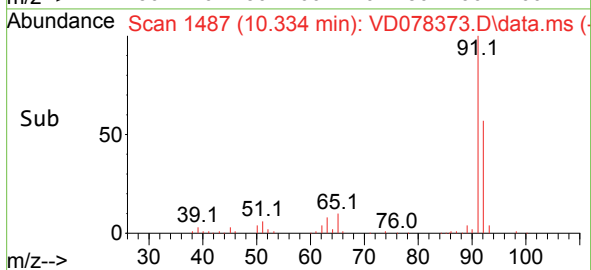
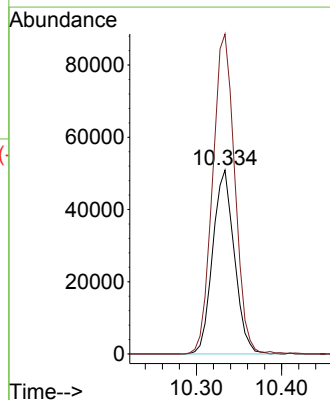
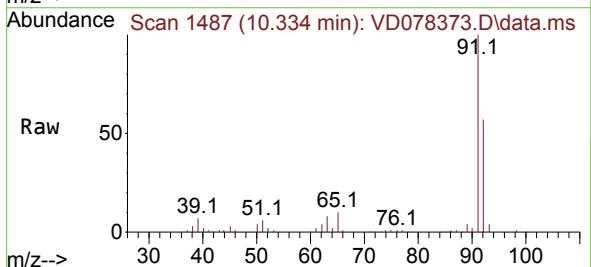
Instrument :
MSVOA_D
ClientSampleId :

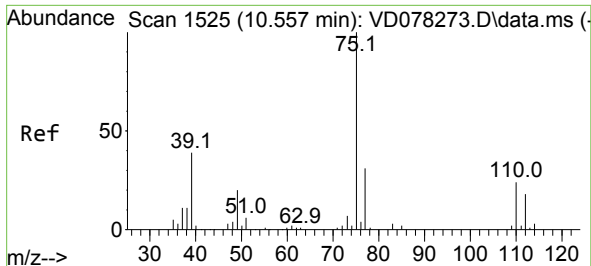
Tgt Ion: 43 Resp: 108604
Ion Ratio Lower Upper
43 100
58 40.5 38.9 58.3



#52
Toluene
Concen: 21.150 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Tgt Ion: 92 Resp: 89934
Ion Ratio Lower Upper
92 100
91 178.6 143.0 214.4

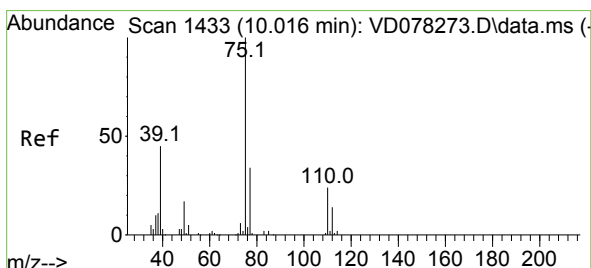
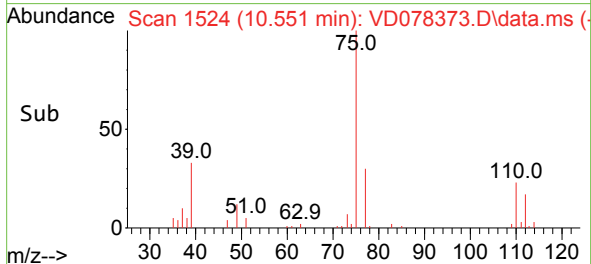
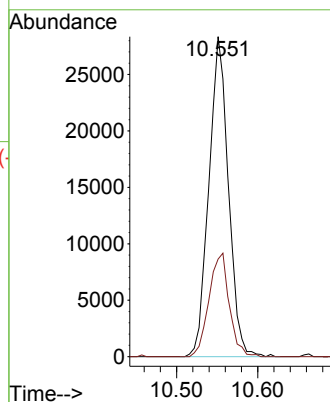
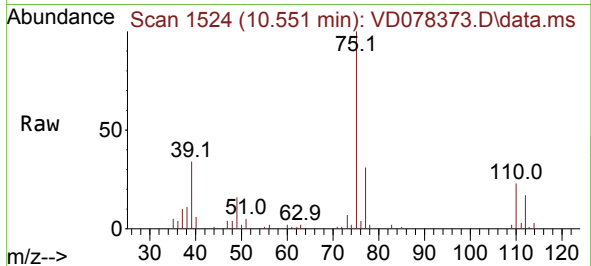




#53
 t-1,3-Dichloropropene
 Concen: 21.660 ug/l
 RT: 10.551 min Scan# 1525
 Delta R.T. -0.006 min
 Lab File: VD078373.D
 Acq: 08 Feb 2024 17:01

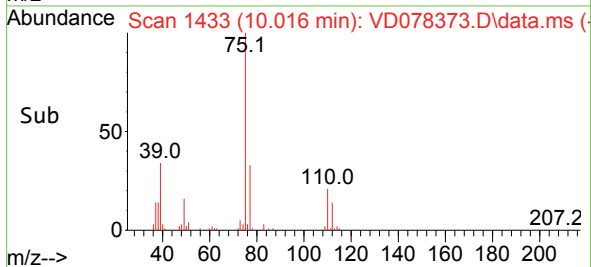
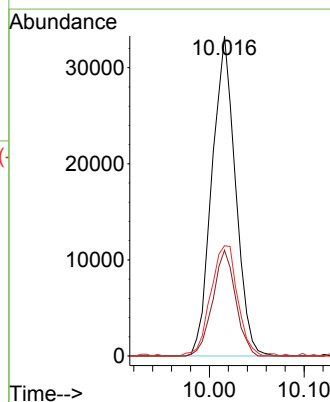
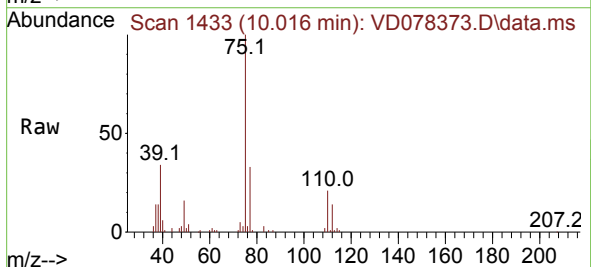
Instrument :
 MSVOA_D
 ClientSampleId :

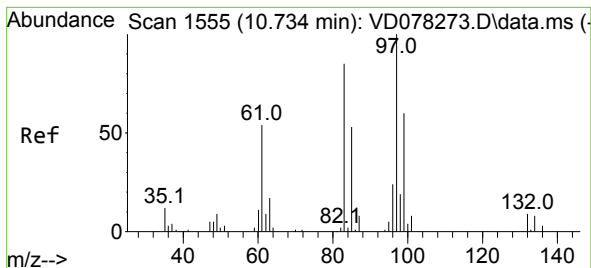
Tgt Ion: 75 Resp: 47339
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 22.118 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078373.D
 Acq: 08 Feb 2024 17:01

Tgt Ion: 75 Resp: 57227
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.5 38.3
 39 34.5 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 23.243 ug/l

RT: 10.733 min Scan# 1555

Delta R.T. -0.000 min

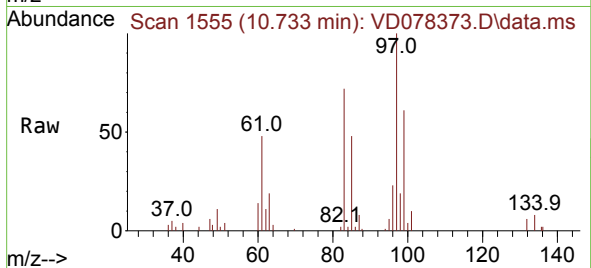
Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 28845

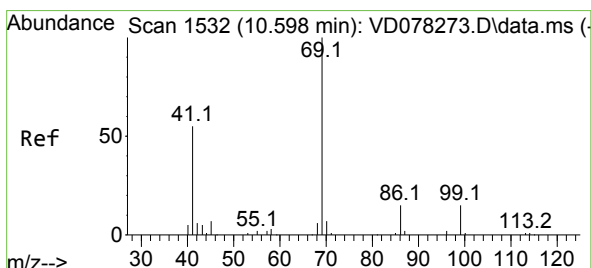
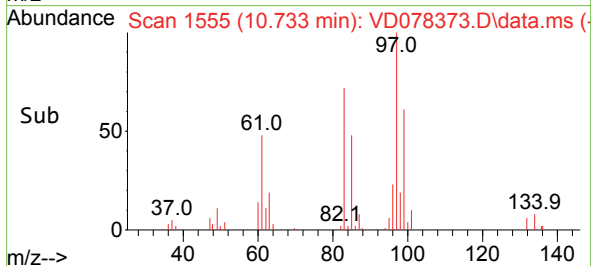
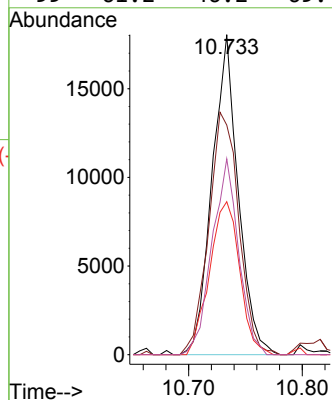
Ion Ratio Lower Upper

97 100

83 71.8 65.8 98.6

85 47.8 45.7 68.5

99 61.2 46.2 69.4



#56

Ethyl methacrylate

Concen: 23.571 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

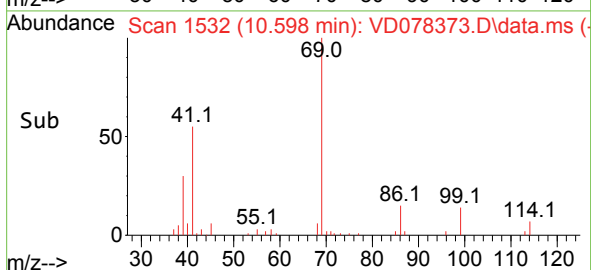
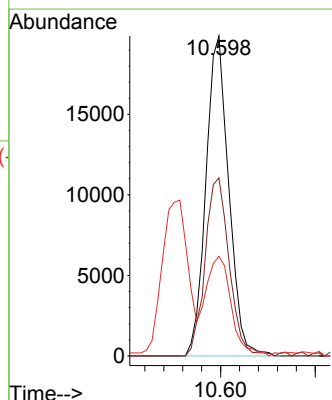
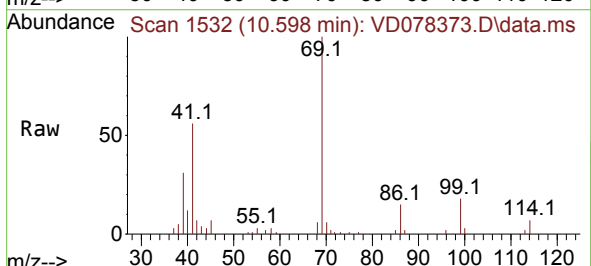
Tgt Ion: 69 Resp: 33180

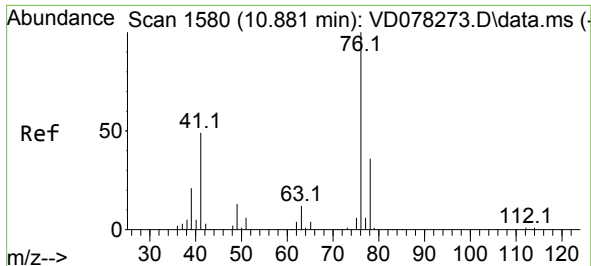
Ion Ratio Lower Upper

69 100

41 58.6 39.1 58.7

39 34.7 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 23.230 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Instrument :

MSVOA_D

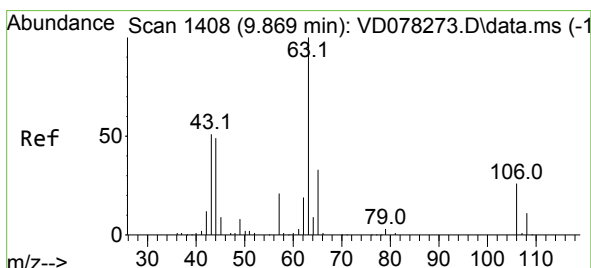
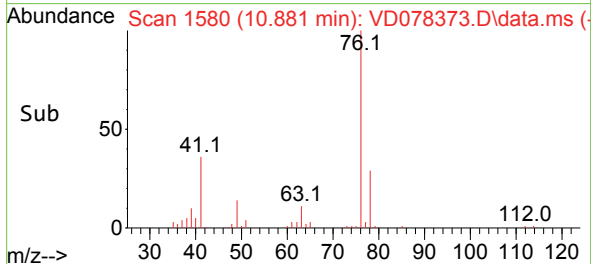
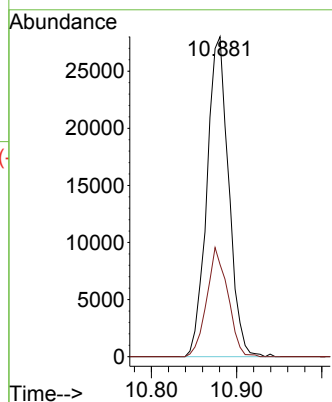
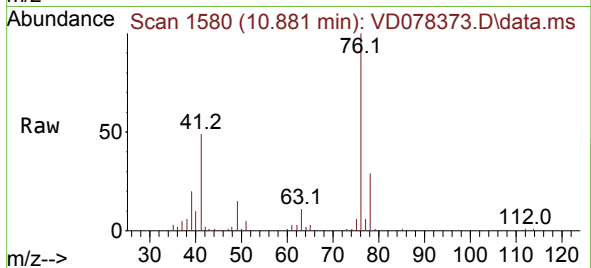
ClientSampleId :

Tgt Ion: 76 Resp: 49709

Ion Ratio Lower Upper

76 100

78 33.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 96.110 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078373.D

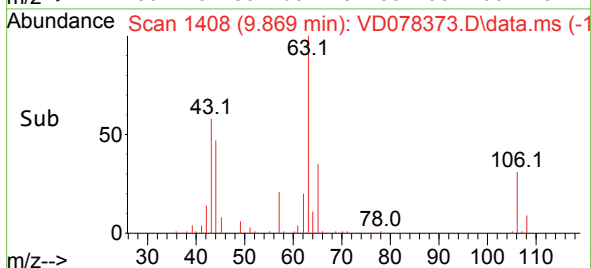
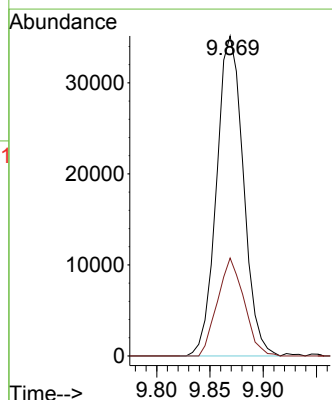
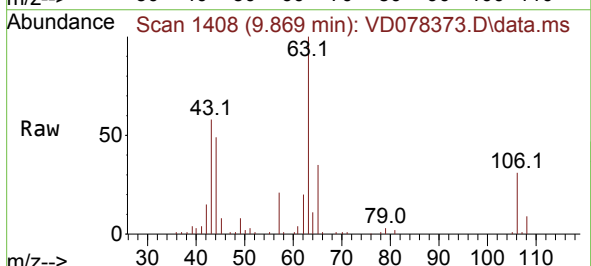
Acq: 08 Feb 2024 17:01

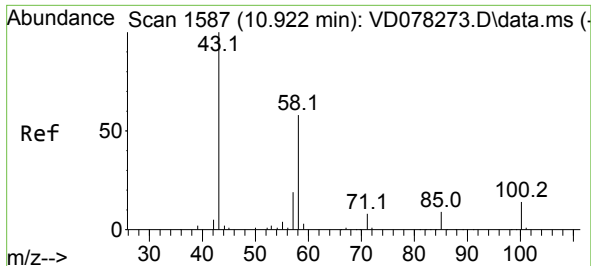
Tgt Ion: 63 Resp: 61524

Ion Ratio Lower Upper

63 100

106 30.3 25.3 37.9

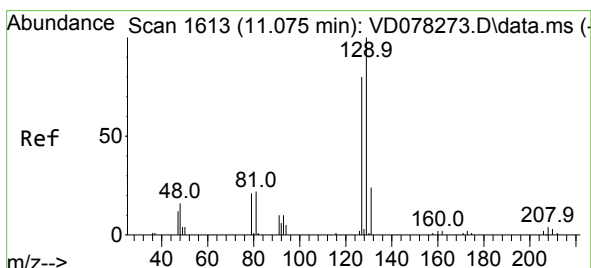
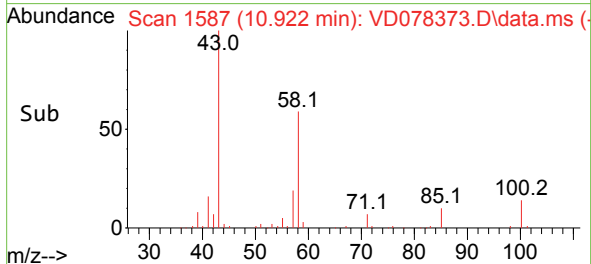
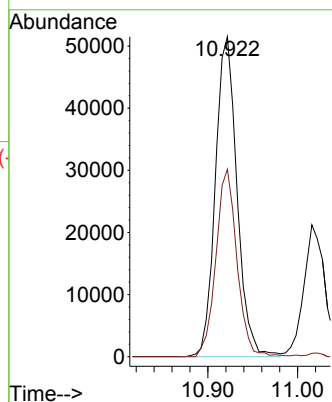
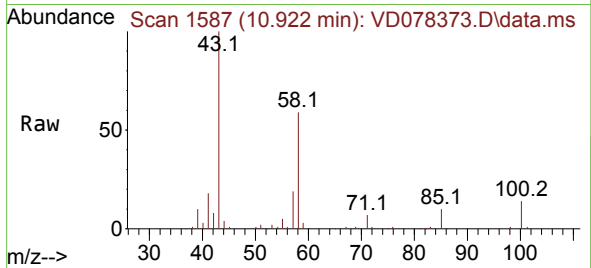




#59
2-Hexanone
Concen: 127.748 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

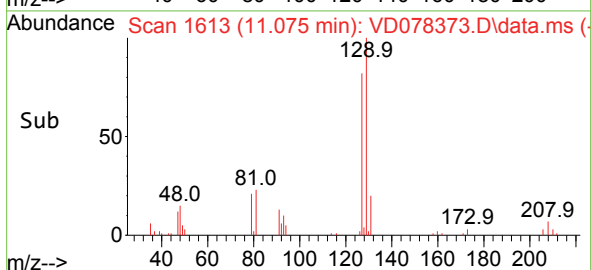
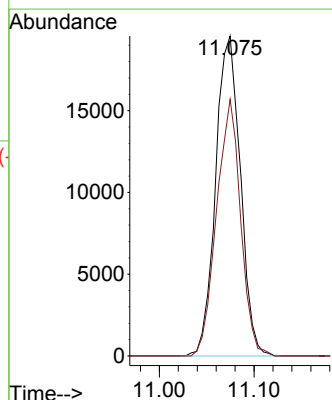
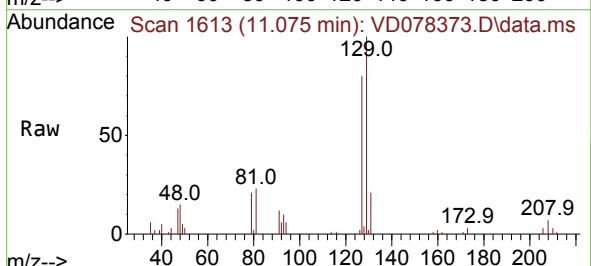
Instrument :
MSVOA_D
ClientSampleId :

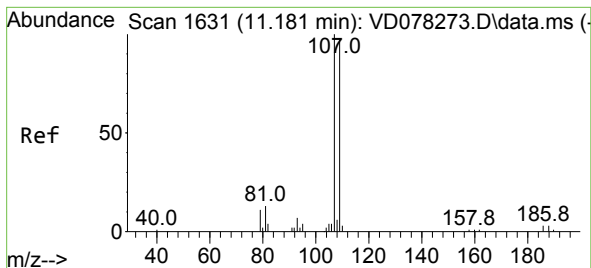
Tgt Ion: 43 Resp: 86295
Ion Ratio Lower Upper
43 100
58 56.9 34.1 102.2



#60
Dibromochloromethane
Concen: 24.615 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Tgt Ion: 129 Resp: 35461
Ion Ratio Lower Upper
129 100
127 78.0 37.1 111.5





#61

1,2-Dibromoethane

Concen: 23.281 ug/l

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Instrument :

MSVOA_D

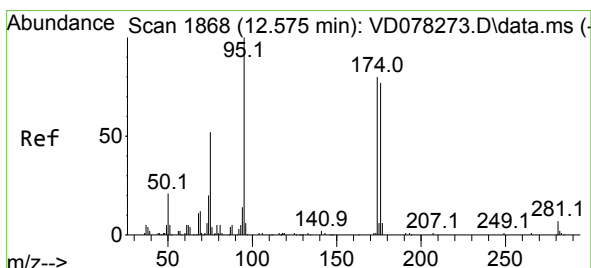
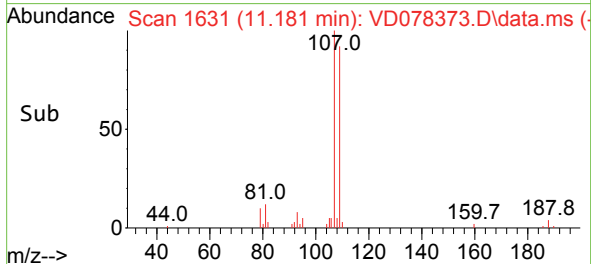
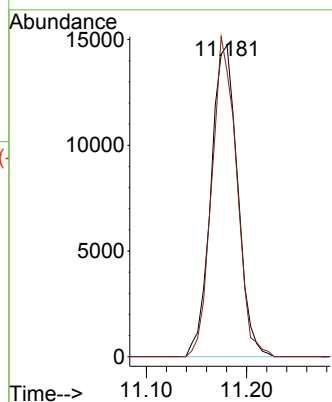
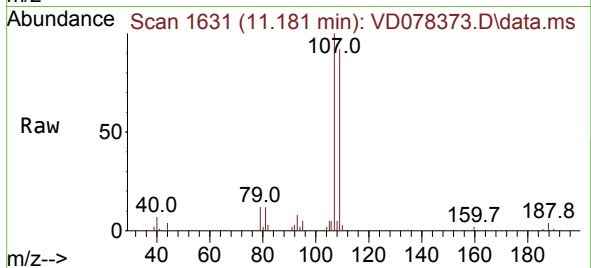
ClientSampleId :

Tgt Ion:107 Resp: 27278

Ion Ratio Lower Upper

107 100

109 95.4 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 55.282 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

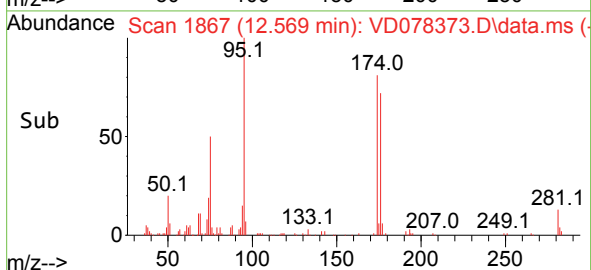
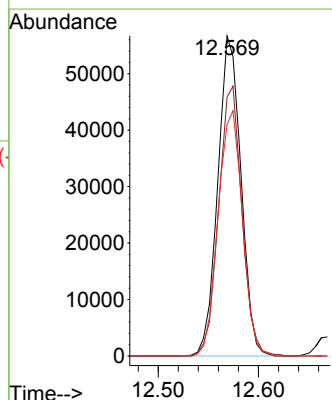
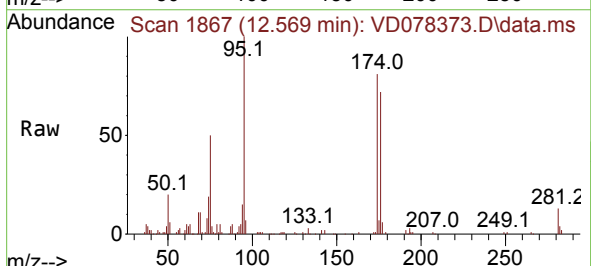
Tgt Ion: 95 Resp: 90817

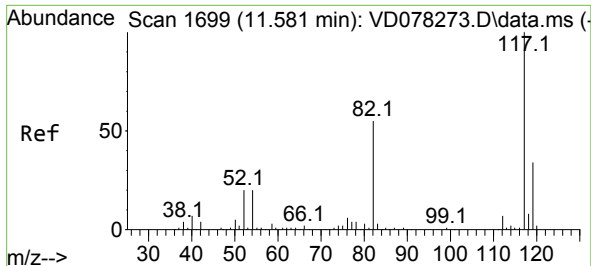
Ion Ratio Lower Upper

95 100

174 84.4 0.0 201.8

176 80.6 0.0 191.8

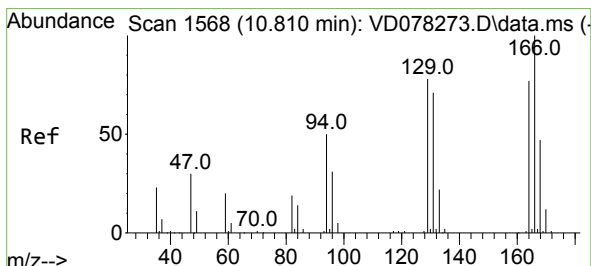
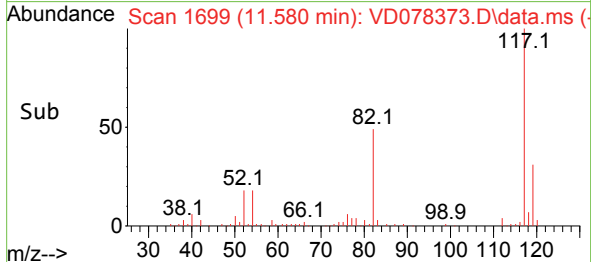
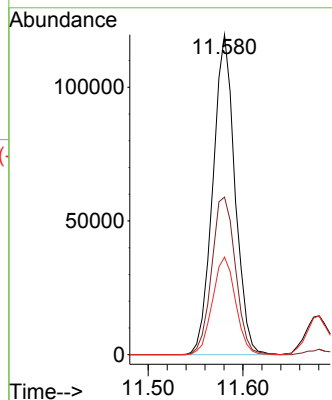
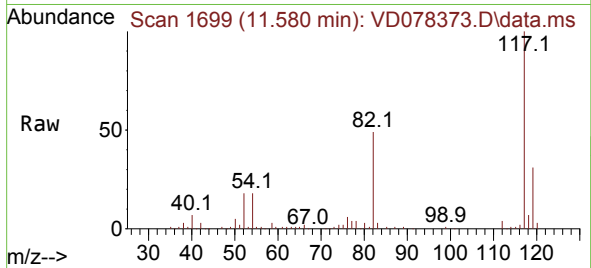




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

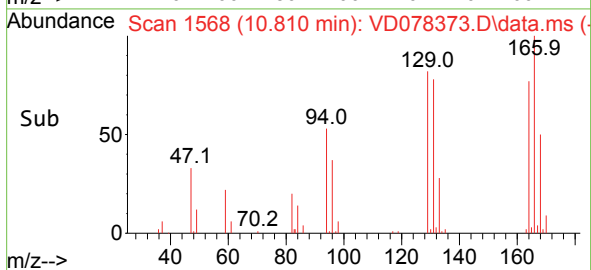
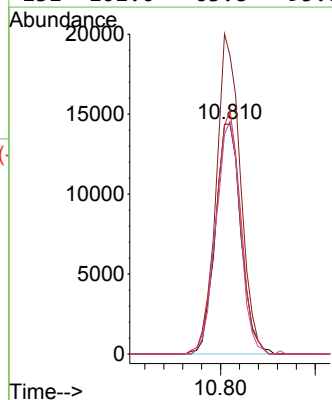
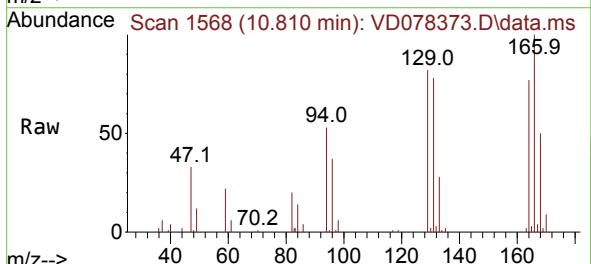
Instrument :
MSVOA_D
ClientSampleId :

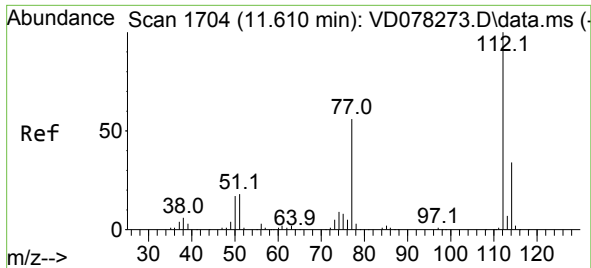
Tgt Ion:117 Resp: 193831
Ion Ratio Lower Upper
117 100
82 49.2 38.3 57.5
119 30.5 25.0 37.4



#64
Tetrachloroethene
Concen: 19.964 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Tgt Ion:164 Resp: 26990
Ion Ratio Lower Upper
164 100
166 129.7 99.2 148.8
129 105.7 68.4 102.6#
131 101.0 63.8 95.8#

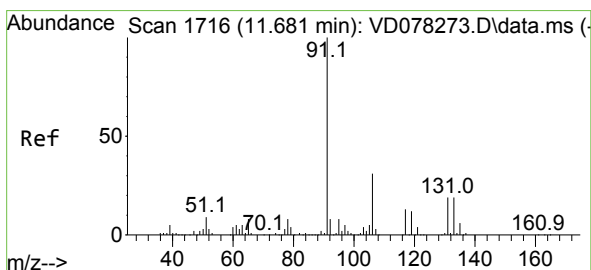
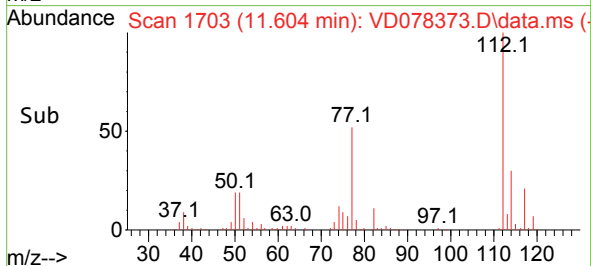
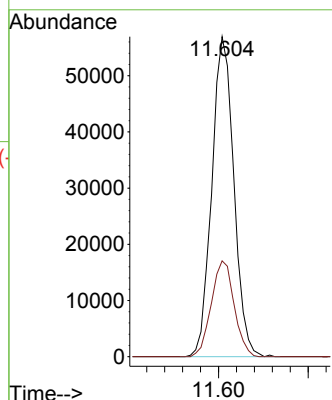
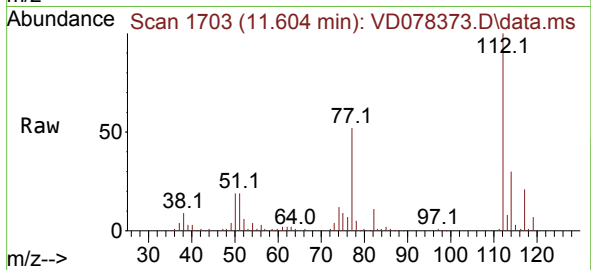




#65
Chlorobenzene
Concen: 20.891 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

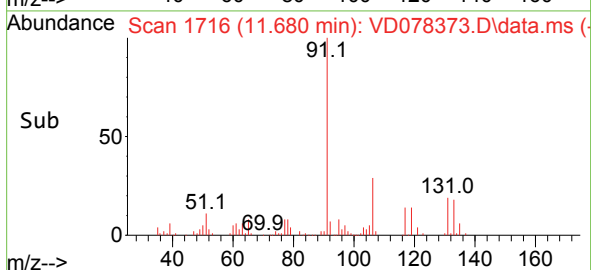
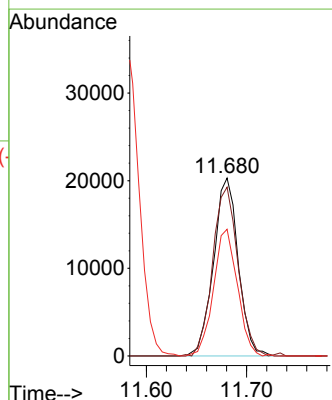
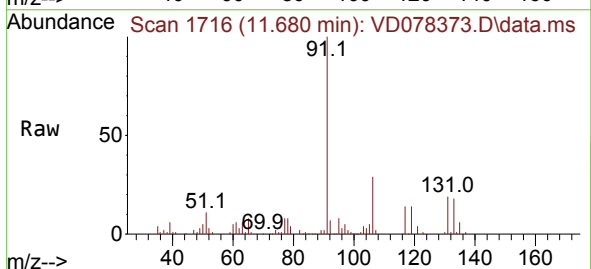
Instrument :
MSVOA_D
ClientSampleId :

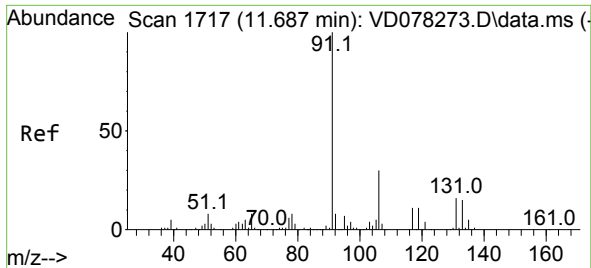
Tgt Ion:112 Resp: 96875
Ion Ratio Lower Upper
112 100
114 30.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 21.021 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Tgt Ion:131 Resp: 34707
Ion Ratio Lower Upper
131 100
133 97.7 48.5 145.5
119 69.1 35.6 106.9

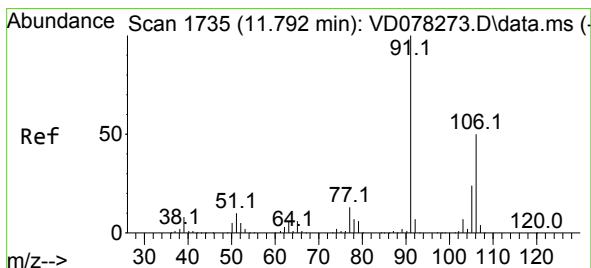
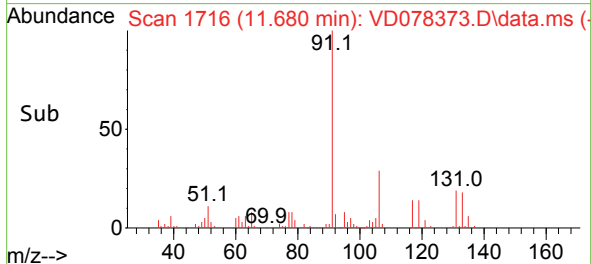
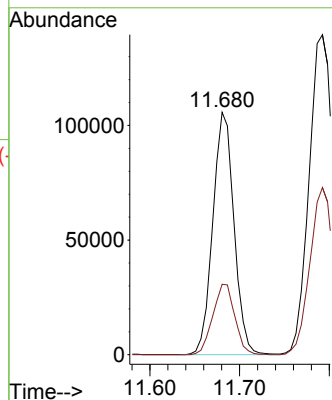
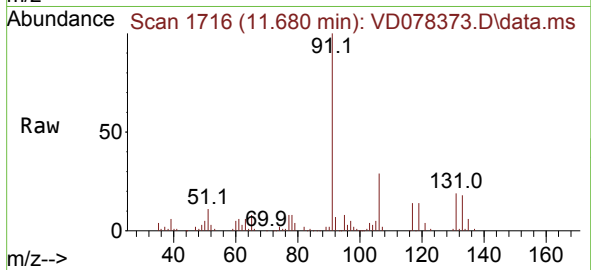




#67
Ethyl Benzene
Concen: 20.655 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

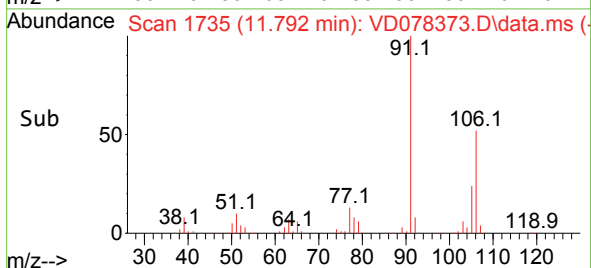
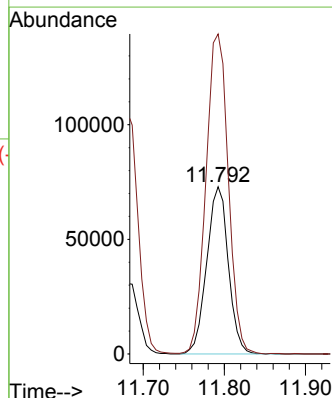
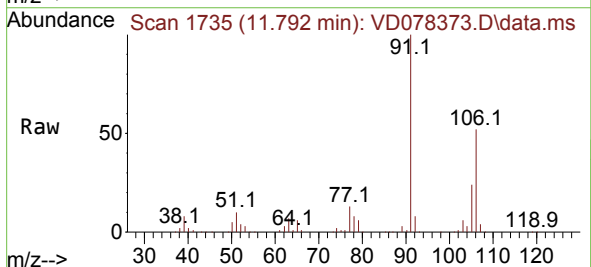
Instrument :
MSVOA_D
ClientSampleId :

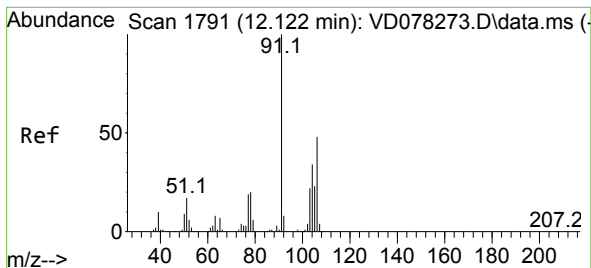
Tgt Ion: 91 Resp: 173497
Ion Ratio Lower Upper
91 100
106 29.0 26.5 39.7



#68
m/p-Xylenes
Concen: 41.699 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Tgt Ion:106 Resp: 134756
Ion Ratio Lower Upper
106 100
91 197.7 147.0 220.6





#69

o-Xylene

Concen: 21.191 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Instrument :

MSVOA_D

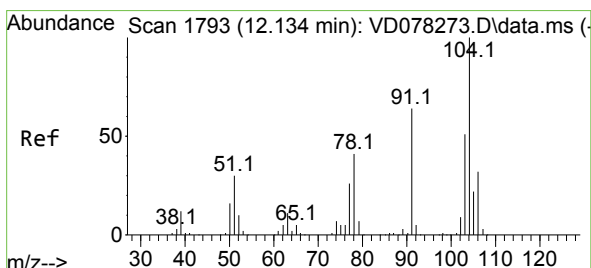
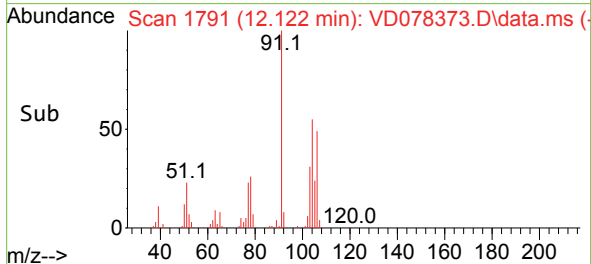
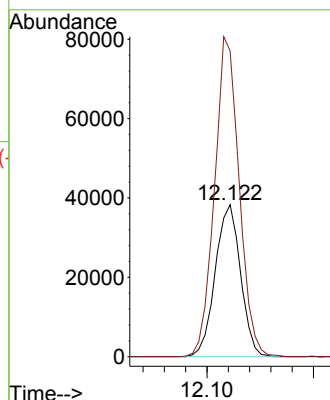
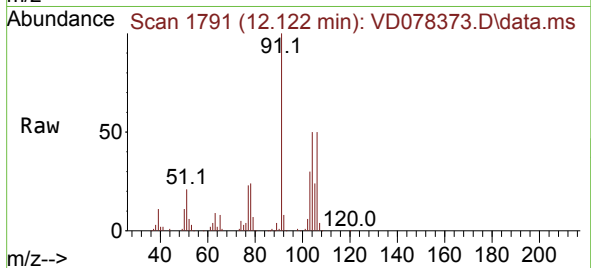
ClientSampleId :

Tgt Ion:106 Resp: 62935

Ion Ratio Lower Upper

106 100

91 205.5 97.9 293.6



#70

Styrene

Concen: 21.716 ug/l

RT: 12.133 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

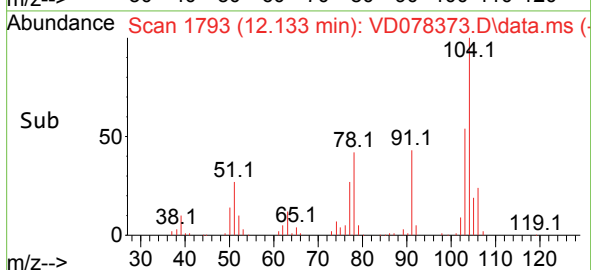
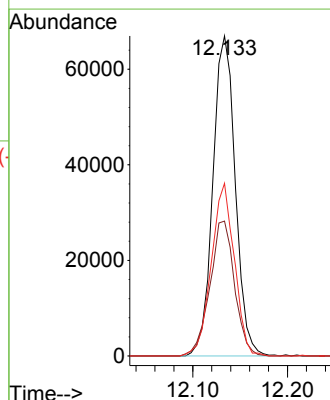
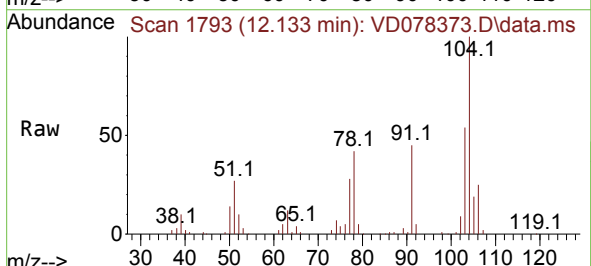
Tgt Ion:104 Resp: 110141

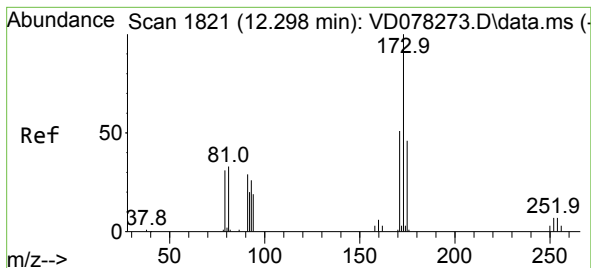
Ion Ratio Lower Upper

104 100

78 46.3 33.2 49.8

103 55.3 43.6 65.4





#71

Bromoform

Concen: 24.352 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

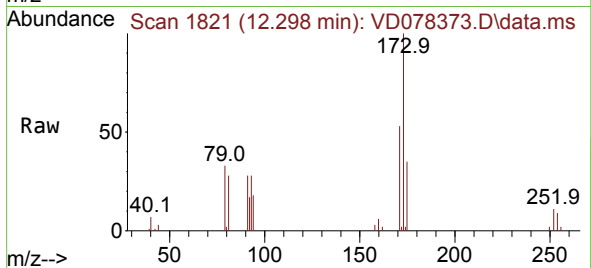
Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Instrument :

MSVOA_D

ClientSampleId :



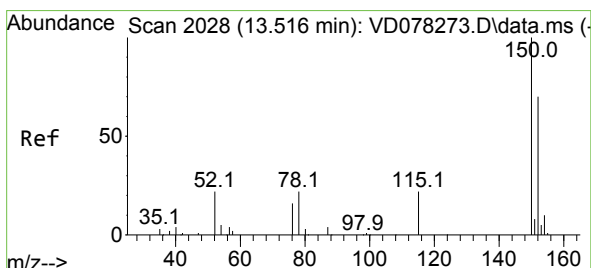
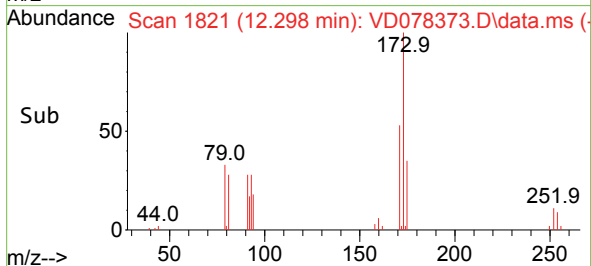
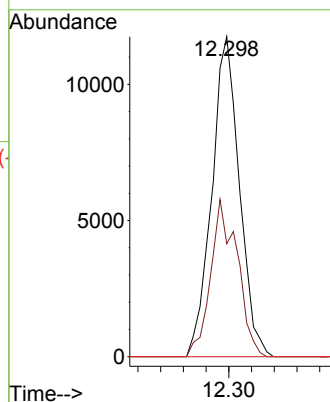
Tgt Ion:173 Resp: 19802

Ion Ratio Lower Upper

173 100

175 47.6 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

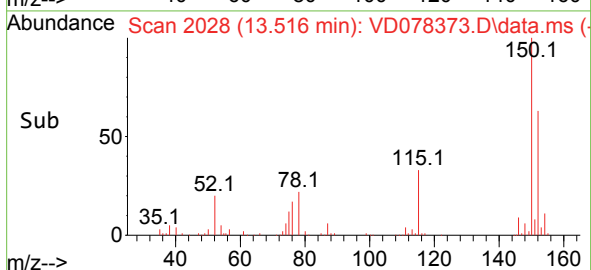
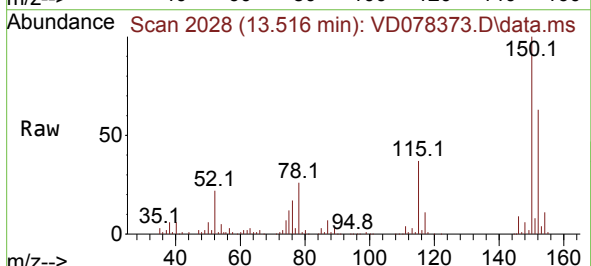
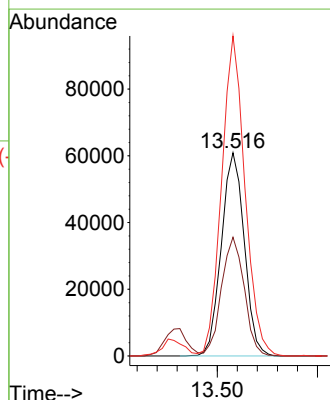
Tgt Ion:152 Resp: 96575

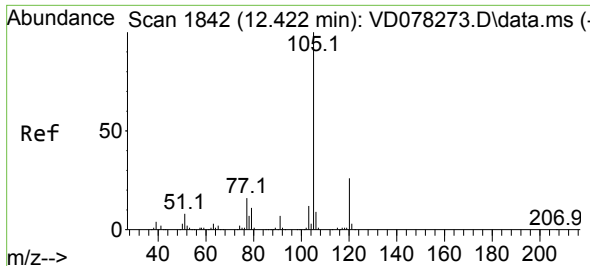
Ion Ratio Lower Upper

152 100

115 57.9 27.1 81.3

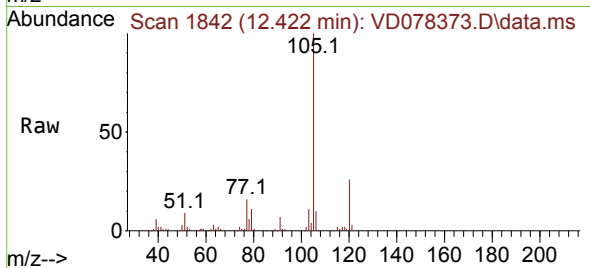
150 160.7 0.0 353.6



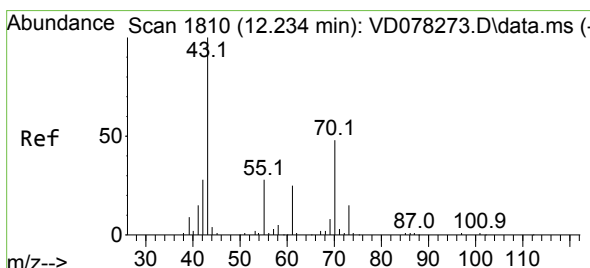
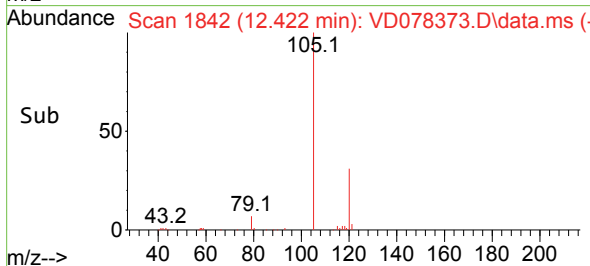
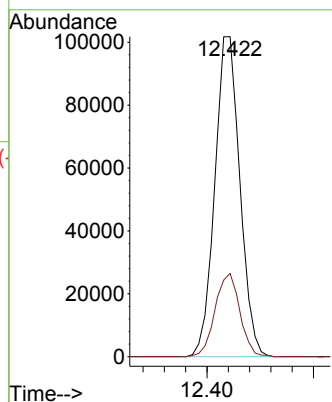


#73
Isopropylbenzene
Concen: 20.317 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Instrument :
MSVOA_D
ClientSampleId :

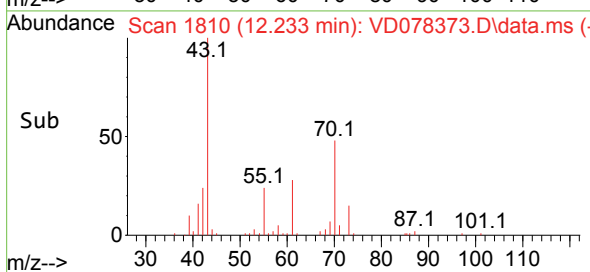
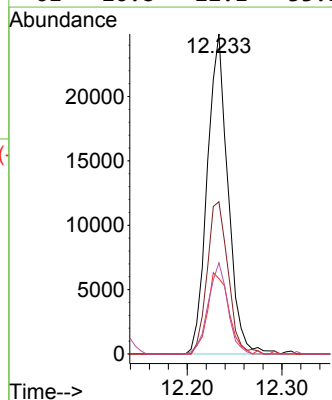
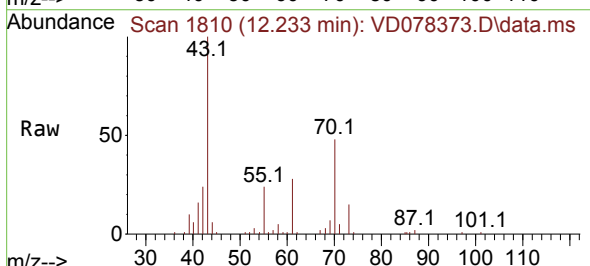


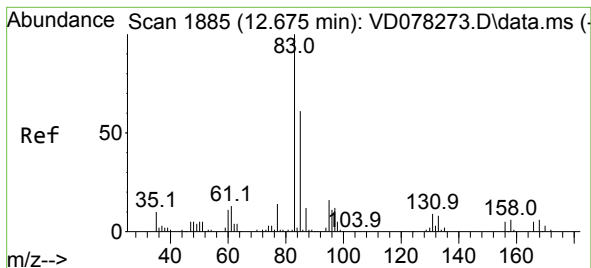
Tgt Ion:105 Resp: 166010
Ion Ratio Lower Upper
105 100
120 25.7 14.3 42.9



#74
N-ethyl acetate
Concen: 22.417 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Tgt Ion: 43 Resp: 37883
Ion Ratio Lower Upper
43 100
70 47.8 45.0 67.4
55 26.4 23.8 35.6
61 26.8 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.702 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Instrument :

MSVOA_D

ClientSampleId :

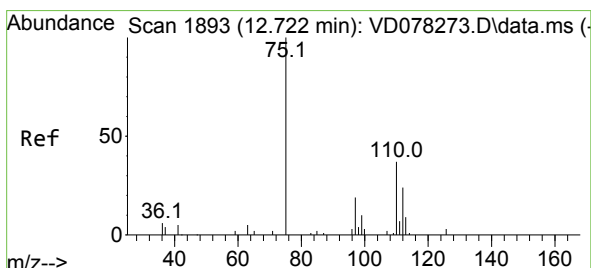
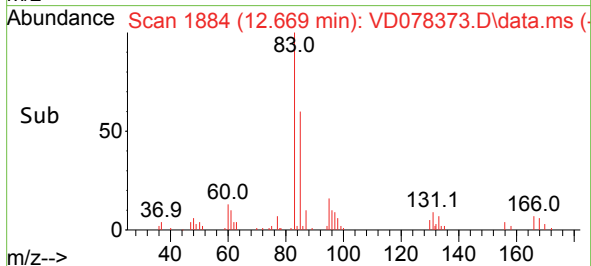
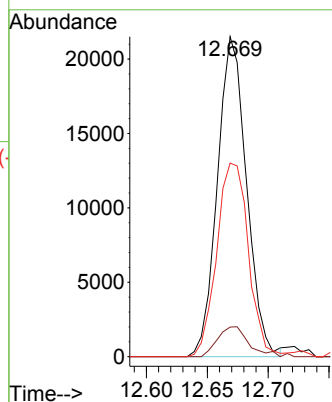
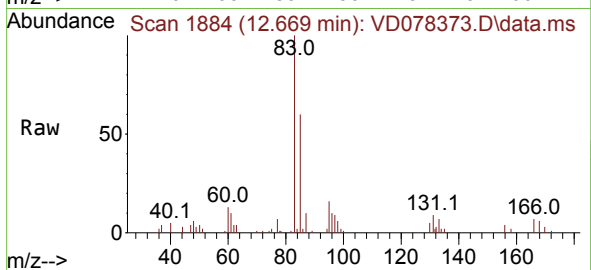
Tgt Ion: 83 Resp: 35823

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

85 65.5 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 40.854 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD078373.D

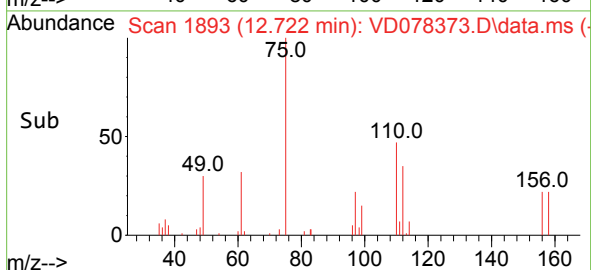
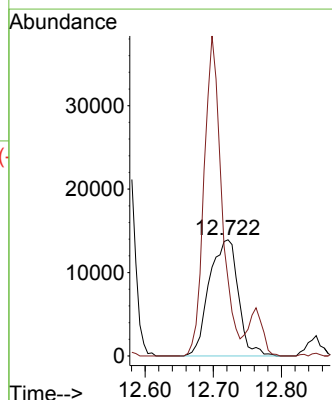
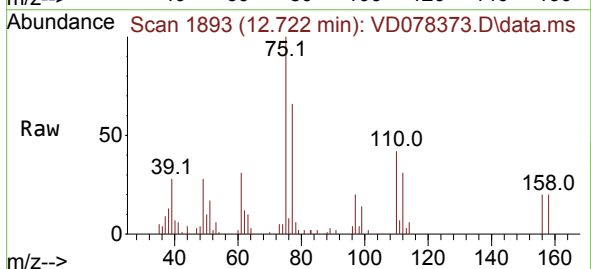
Acq: 08 Feb 2024 17:01

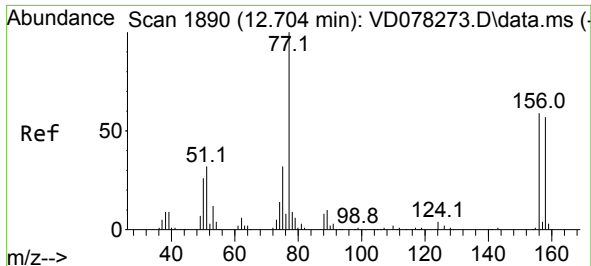
Tgt Ion: 75 Resp: 41238

Ion Ratio Lower Upper

75 100

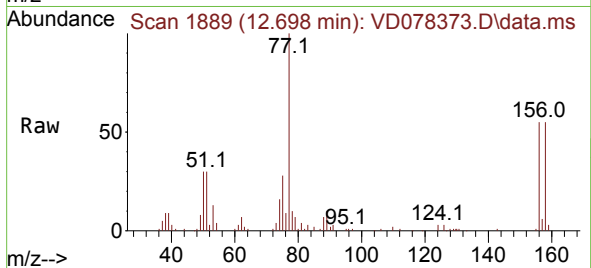
77 0.0 0.0 0.0



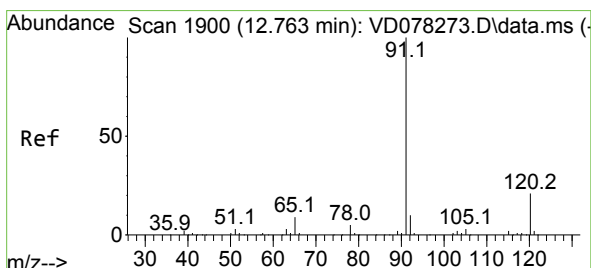
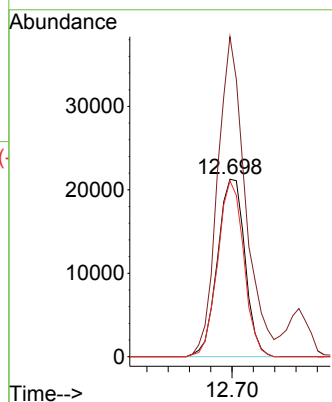
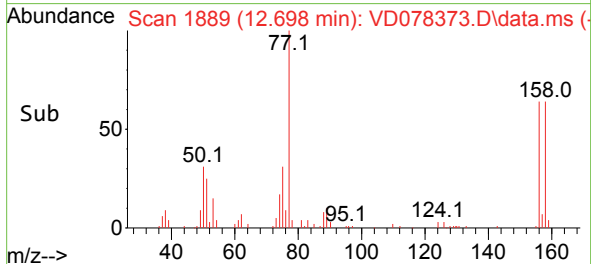


#77
Bromobenzene
Concen: 21.110 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Instrument :
MSVOA_D
ClientSampleId :

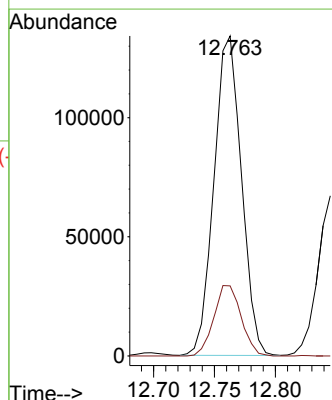
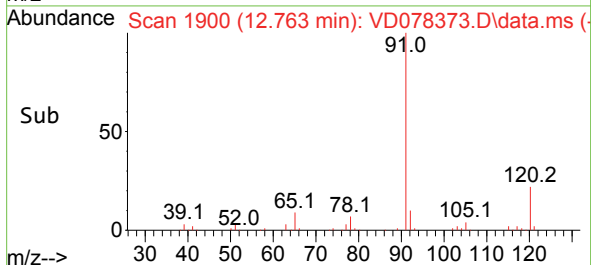
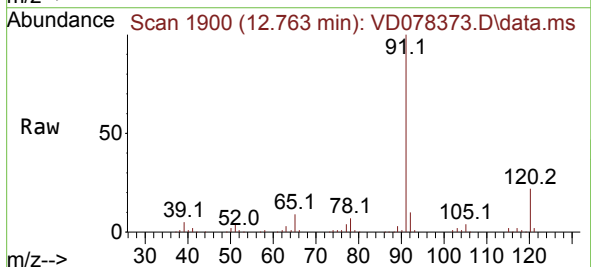


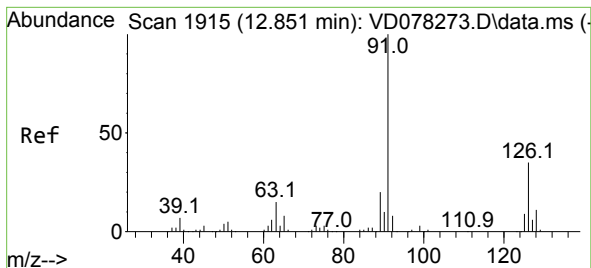
Tgt Ion:156 Resp: 37959
Ion Ratio Lower Upper
156 100
77 182.6 76.8 230.4
158 94.3 48.6 145.9



#78
n-propylbenzene
Concen: 20.661 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Tgt Ion: 91 Resp: 210298
Ion Ratio Lower Upper
91 100
120 22.0 12.4 37.2





#79

2-Chlorotoluene

Concen: 20.561 ug/l

RT: 12.845 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Instrument :

MSVOA_D

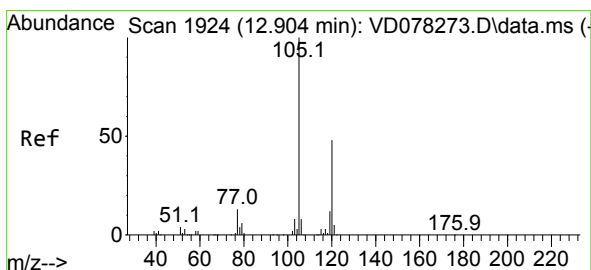
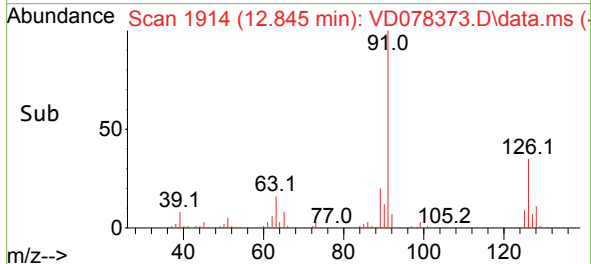
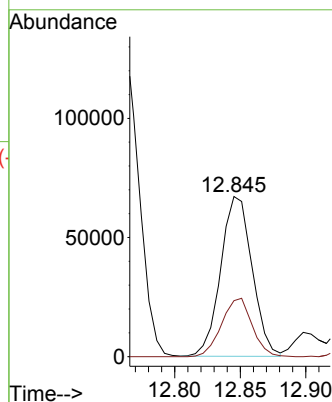
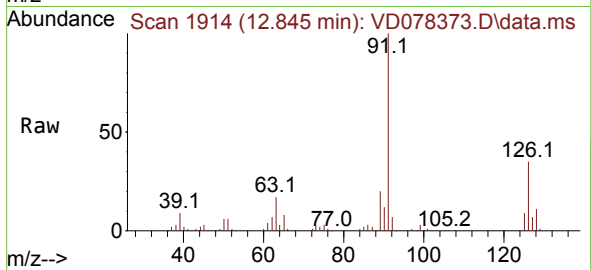
ClientSampleId :

Tgt Ion: 91 Resp: 112032

Ion Ratio Lower Upper

91 100

126 35.5 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 20.581 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078373.D

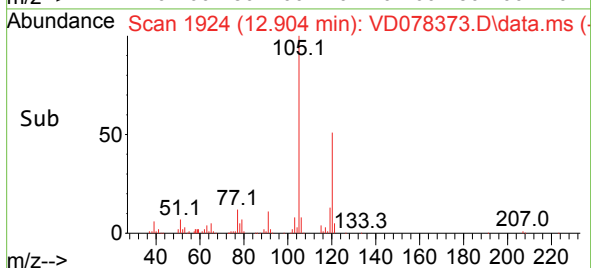
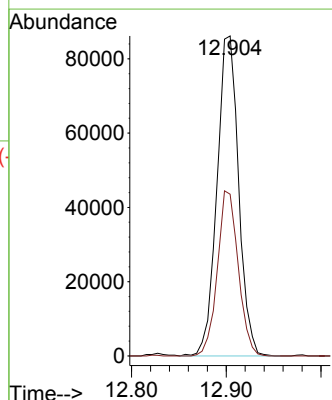
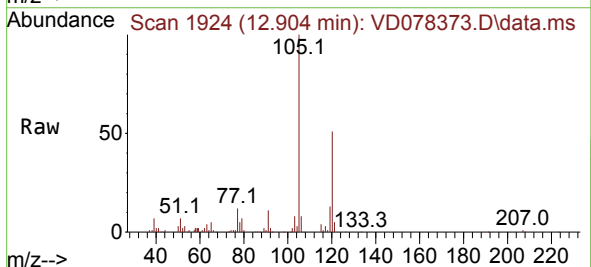
Acq: 08 Feb 2024 17:01

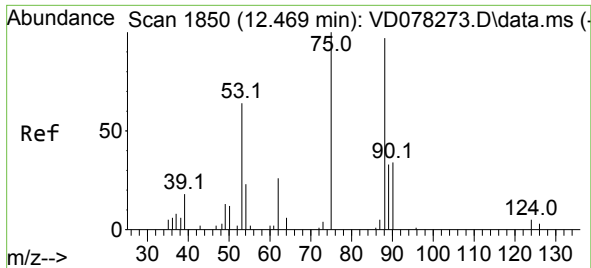
Tgt Ion: 105 Resp: 136811

Ion Ratio Lower Upper

105 100

120 49.8 26.4 79.2

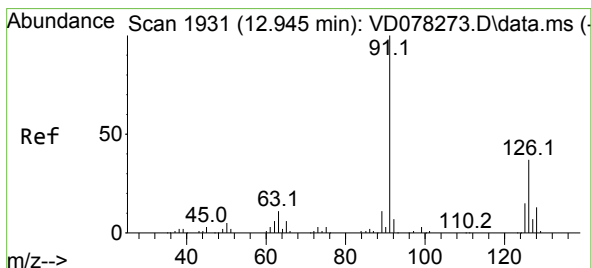
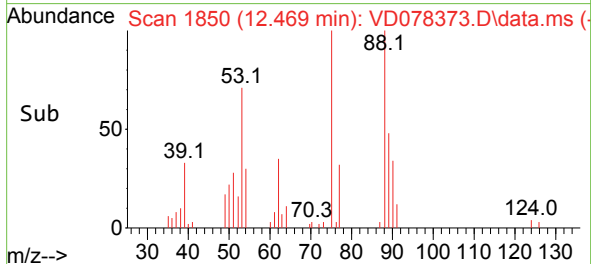
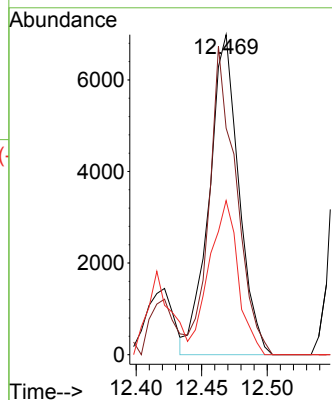
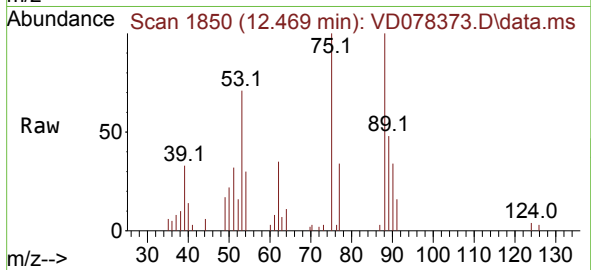




#81
trans-1,4-Dichloro-2-butene
Concen: 21.535 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

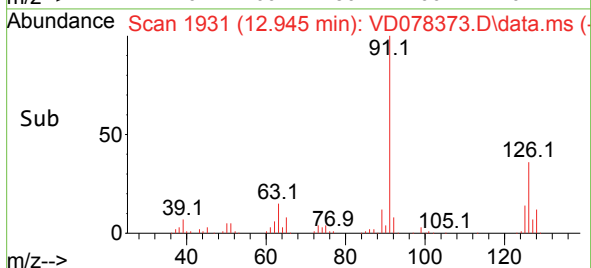
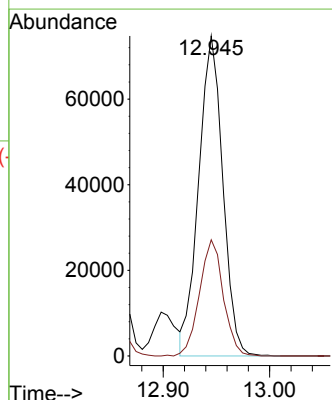
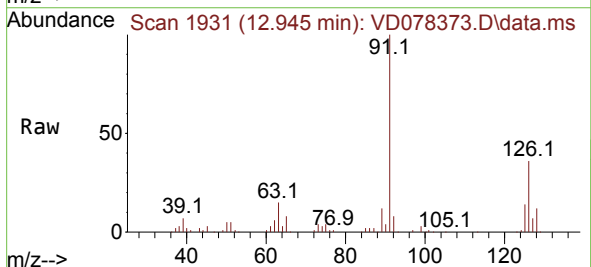
Instrument :
MSVOA_D
ClientSampleId :

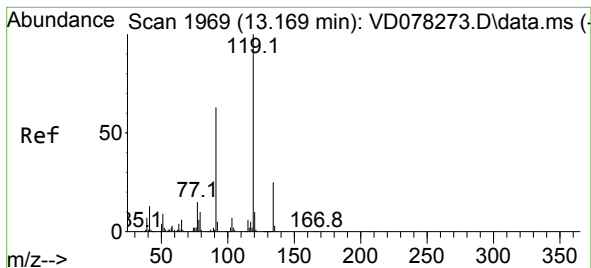
Tgt Ion: 75 Resp: 10930
Ion Ratio Lower Upper
75 100
53 86.9 63.0 94.4
89 47.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.261 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Tgt Ion: 91 Resp: 117696
Ion Ratio Lower Upper
91 100
126 35.8 19.4 58.4





#83

tert-Butylbenzene

Concen: 19.935 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Instrument :

MSVOA_D

ClientSampleId :

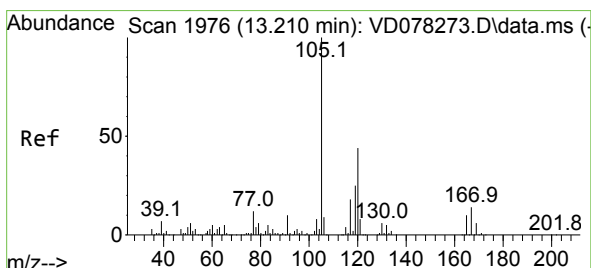
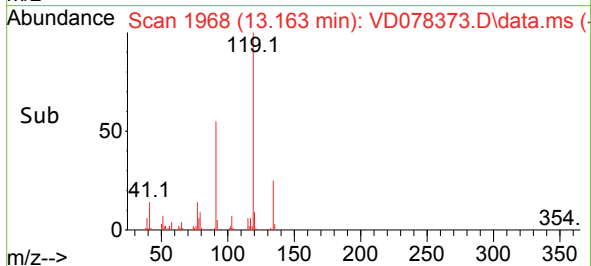
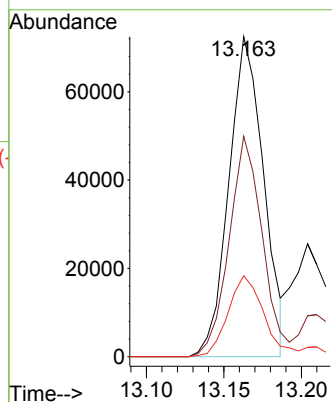
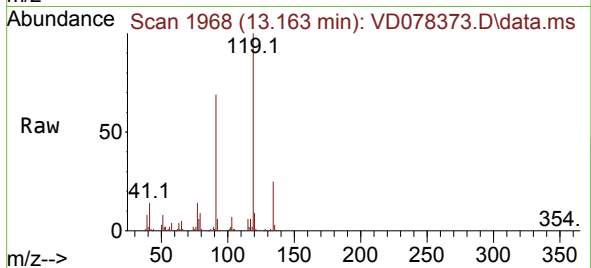
Tgt Ion:119 Resp: 113073

Ion Ratio Lower Upper

119 100

91 65.8 29.3 87.8

134 26.0 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 20.677 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD078373.D

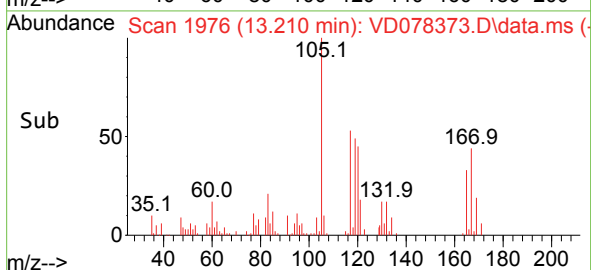
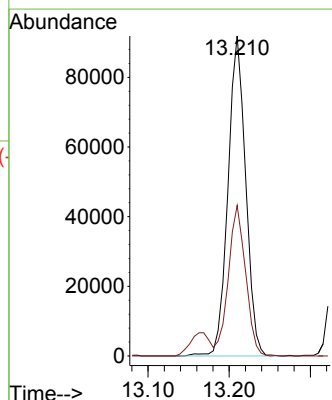
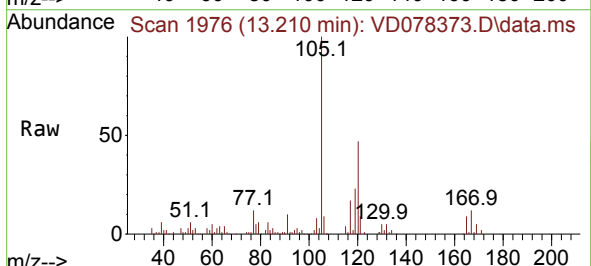
Acq: 08 Feb 2024 17:01

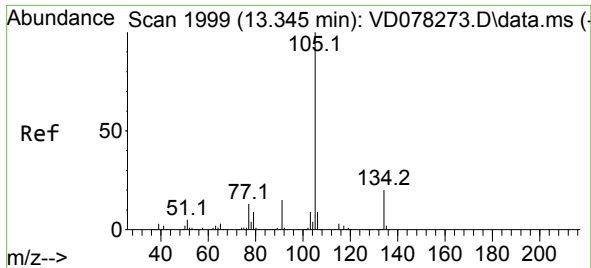
Tgt Ion:105 Resp: 139057

Ion Ratio Lower Upper

105 100

120 45.9 24.3 72.9

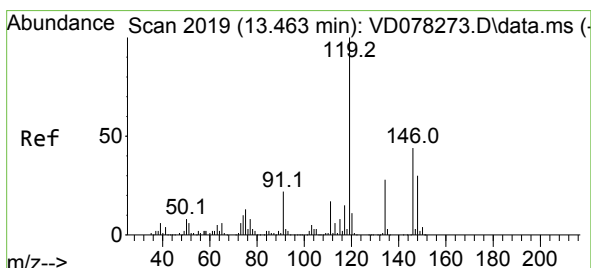
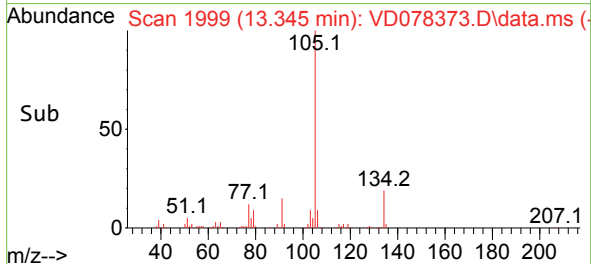
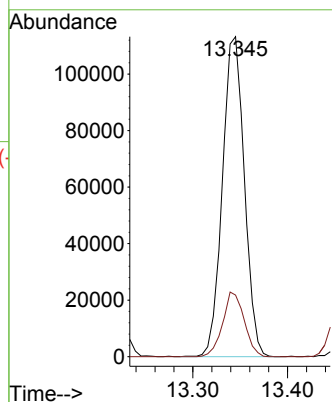
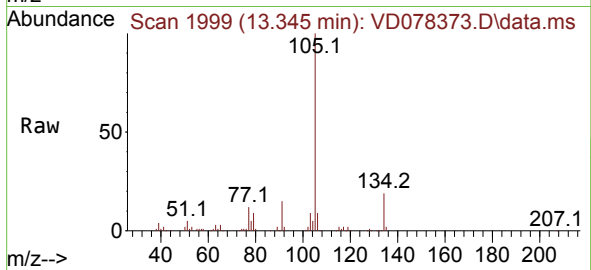




#85
 sec-Butylbenzene
 Concen: 20.493 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078373.D
 Acq: 08 Feb 2024 17:01

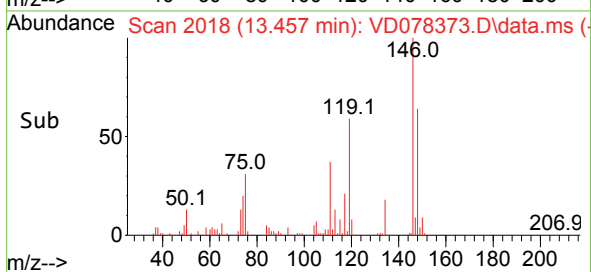
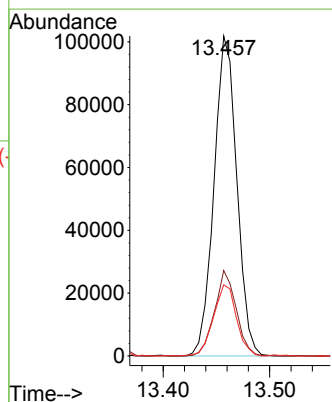
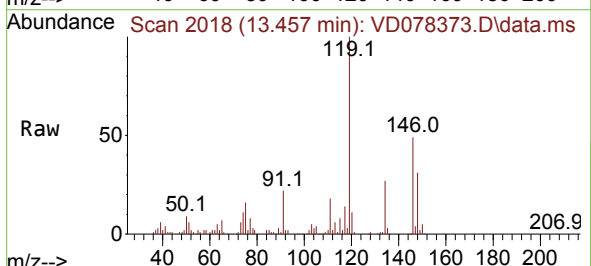
Instrument :
 MSVOA_D
 ClientSampleId :

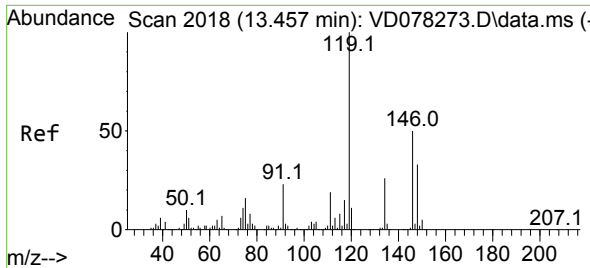
Tgt Ion:105 Resp: 182425
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.773 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078373.D
 Acq: 08 Feb 2024 17:01

Tgt Ion:119 Resp: 151461
 Ion Ratio Lower Upper
 119 100
 134 25.4 14.2 42.6
 91 22.4 10.5 31.5

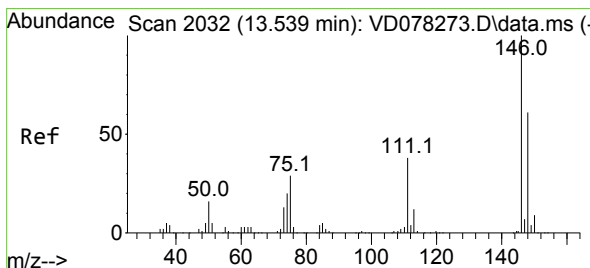
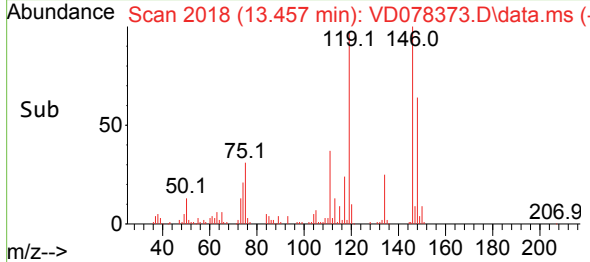
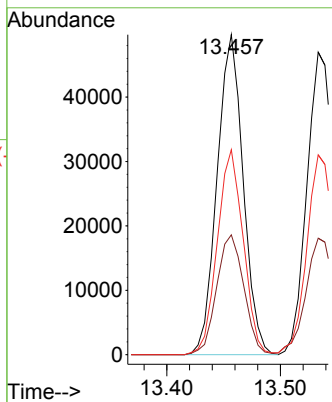
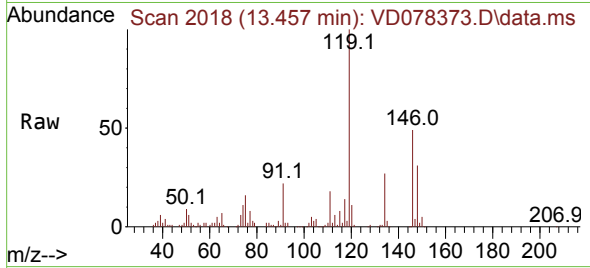




#87
1,3-Dichlorobenzene
Concen: 21.245 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

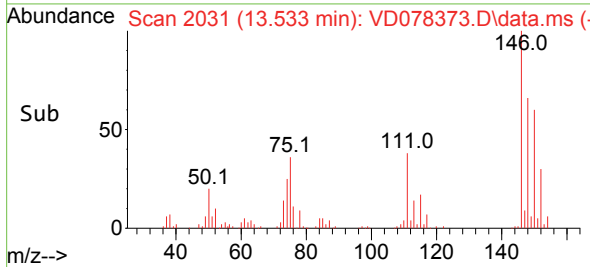
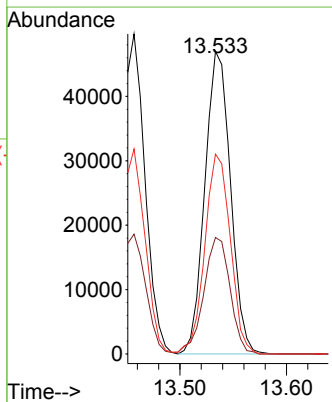
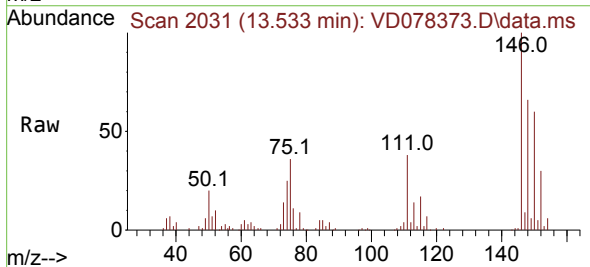
Instrument :
MSVOA_D
ClientSampleId :

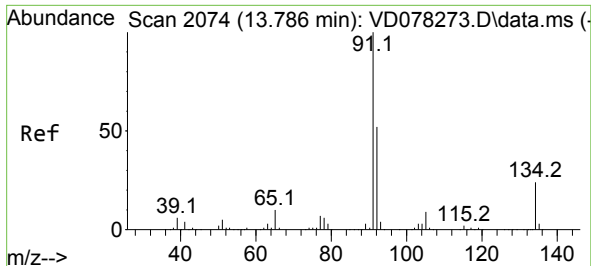
Tgt Ion:146 Resp: 79363
Ion Ratio Lower Upper
146 100
111 39.0 17.9 53.8
148 63.7 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 21.308 ug/l
RT: 13.533 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Tgt Ion:146 Resp: 78755
Ion Ratio Lower Upper
146 100
111 39.5 17.4 52.3
148 65.7 31.7 95.1

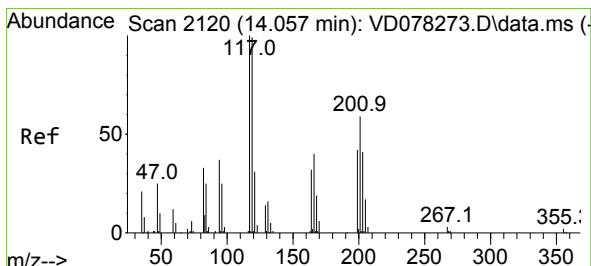
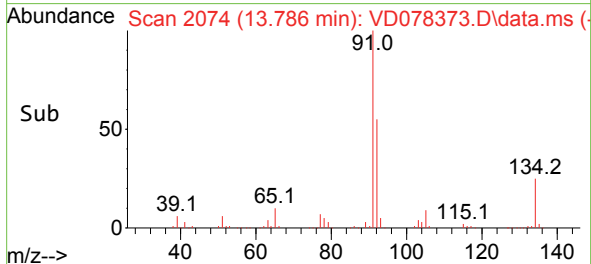
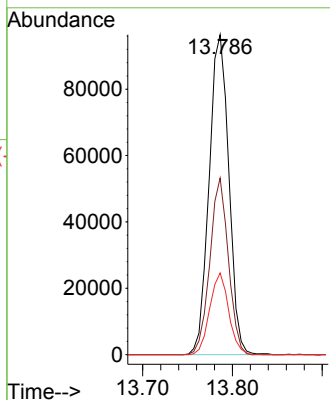
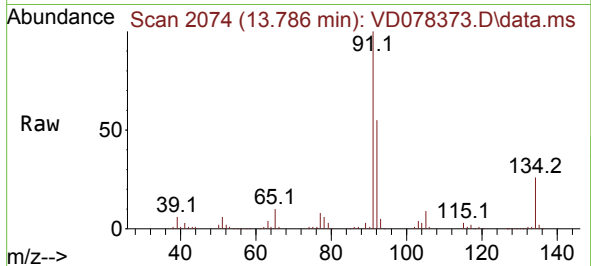




#89
n-Butylbenzene
Concen: 20.671 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

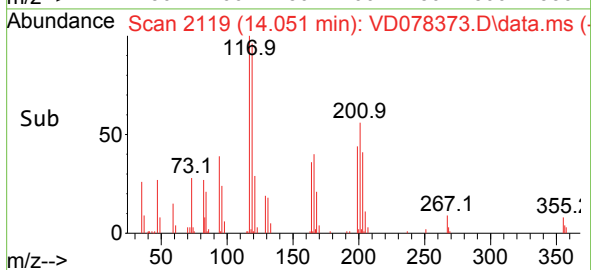
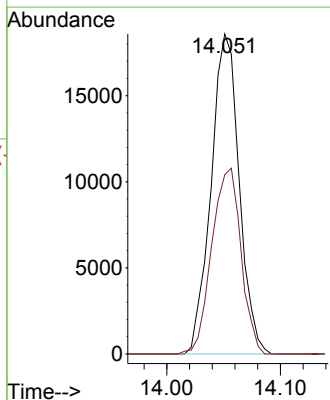
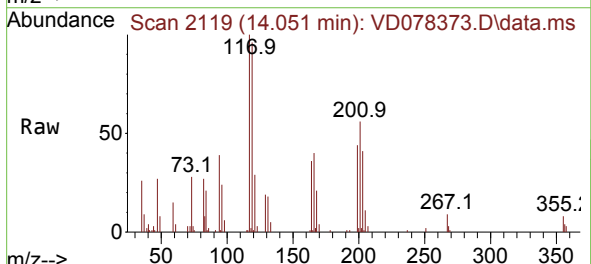
Instrument :
MSVOA_D
ClientSampleId :

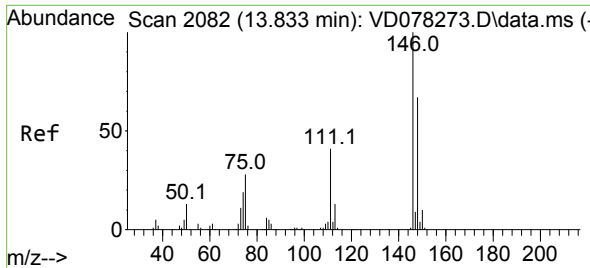
Tgt Ion: 91 Resp: 146862
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.5
134 24.6 13.8 41.3



#90
Hexachloroethane
Concen: 21.967 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078373.D
Acq: 08 Feb 2024 17:01

Tgt Ion: 117 Resp: 31991
Ion Ratio Lower Upper
117 100
201 60.1 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 22.051 ug/l

RT: 13.827 min Scan# 2081

Delta R.T. -0.006 min

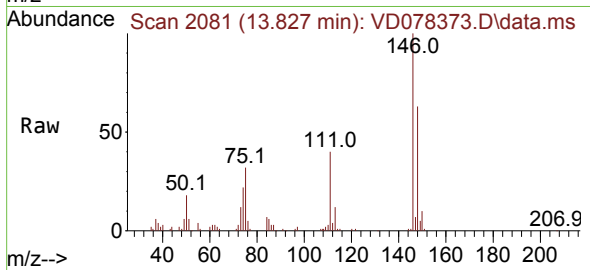
Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Instrument :

MSVOA_D

ClientSampleId :



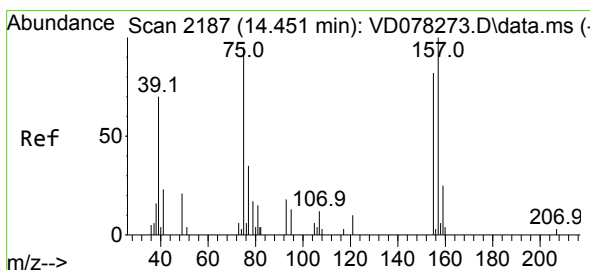
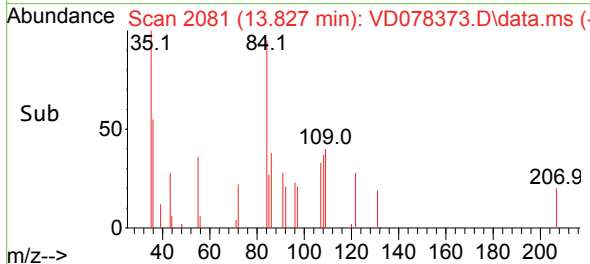
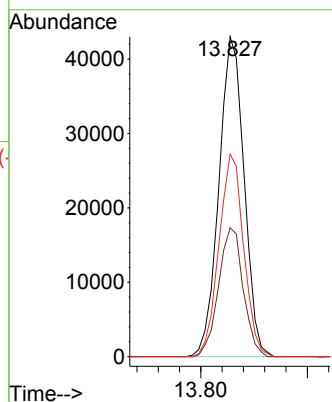
Tgt Ion:146 Resp: 70470

Ion Ratio Lower Upper

146 100

111 39.5 18.3 54.8

148 62.1 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.263 ug/l

RT: 14.439 min Scan# 2185

Delta R.T. -0.012 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

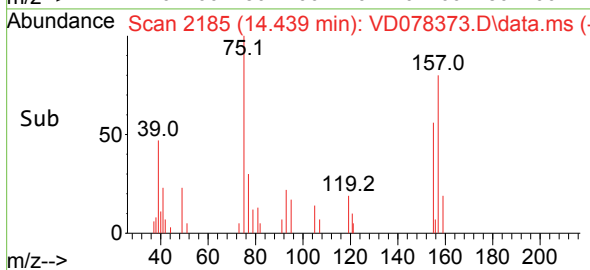
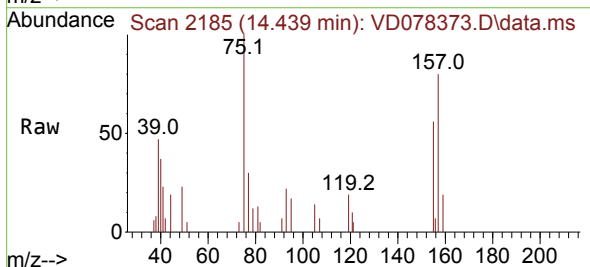
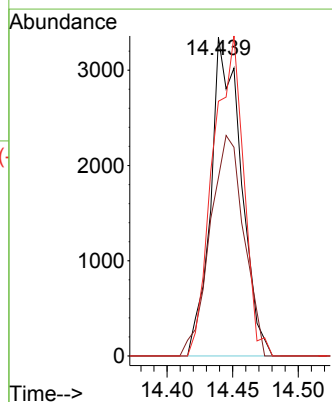
Tgt Ion: 75 Resp: 5367

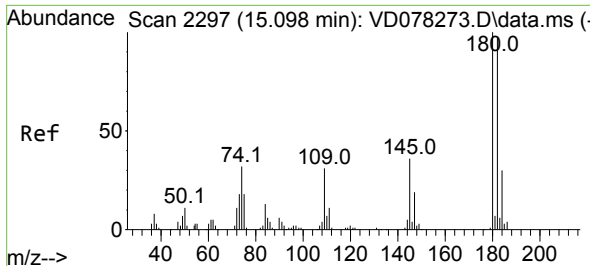
Ion Ratio Lower Upper

75 100

155 77.4 47.9 143.8

157 101.6 59.9 179.7

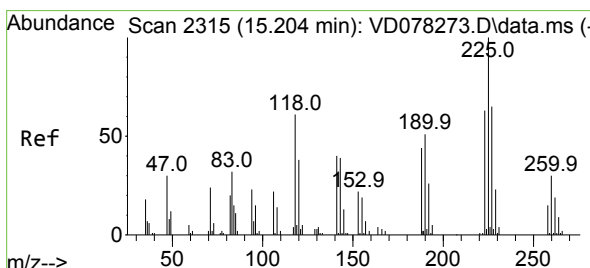
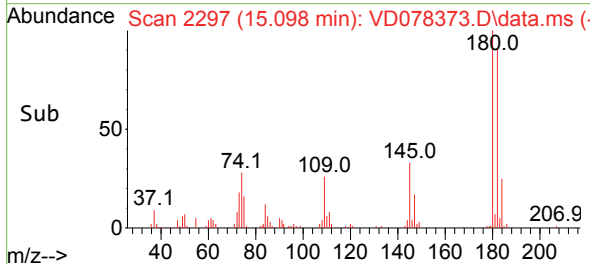
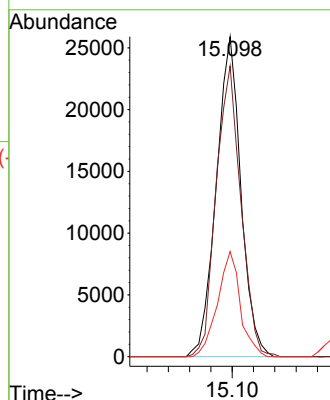
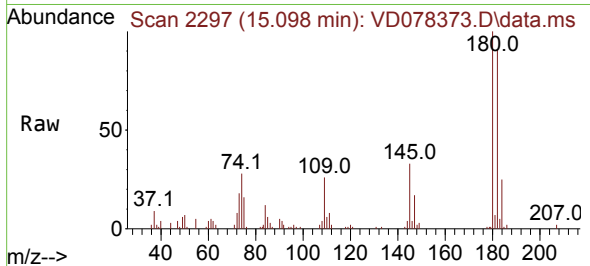




#93
 1,2,4-Trichlorobenzene
 Concen: 22.451 ug/l
 RT: 15.098 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VD078373.D
 Acq: 08 Feb 2024 17:01

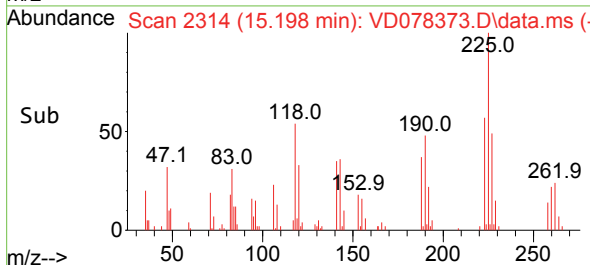
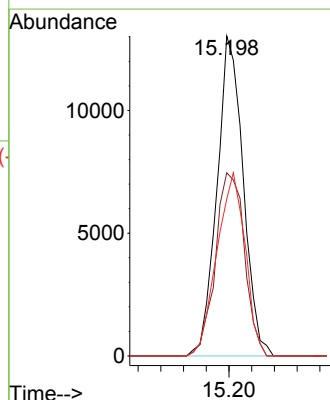
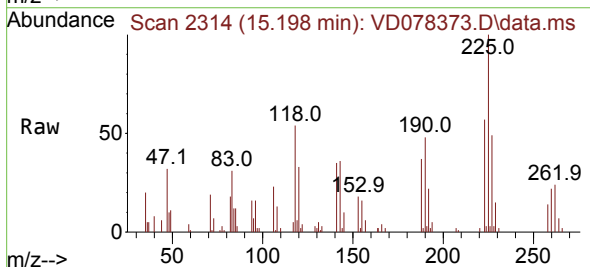
Instrument :
 MSVOA_D
 ClientSampleId :

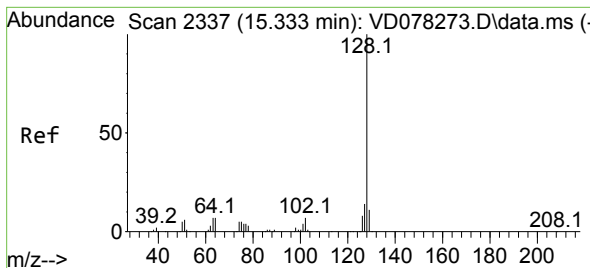
Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.1	48.5	145.6
145	30.3	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 23.051 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. -0.006 min
 Lab File: VD078373.D
 Acq: 08 Feb 2024 17:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.6	94.8
227	61.8	31.7	95.1





#95

Naphthalene

Concen: 21.797 ug/l

RT: 15.333 min Scan# 21

Delta R.T. -0.000 min

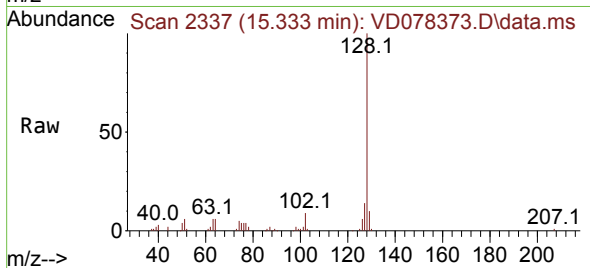
Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Instrument :

MSVOA_D

ClientSampleId :



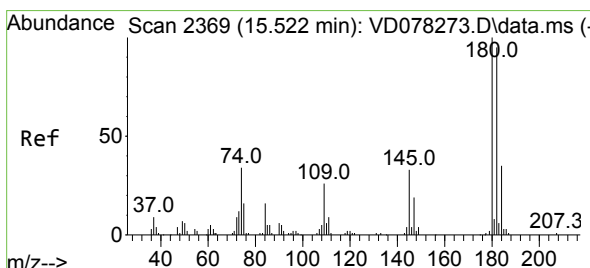
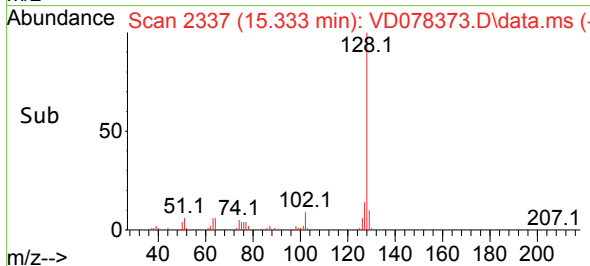
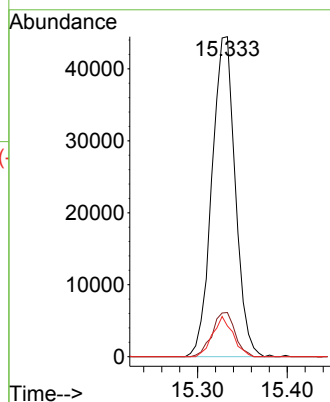
Tgt Ion:128 Resp: 80335

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 9.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 22.416 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD078373.D

Acq: 08 Feb 2024 17:01

Tgt Ion:180 Resp: 36485

Ion Ratio Lower Upper

180 100

182 93.9 47.3 141.9

145 32.4 15.1 45.3

