

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078366.D
 Acq On : 08 Feb 2024 13:40
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 09 03:07:25 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	122975	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	222385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	199845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	65877	43.273	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.540%
35) Dibromofluoromethane	7.805	113	68488	43.259	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.520%
50) Toluene-d8	10.269	98	250987	41.872	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.740%
62) 4-Bromofluorobenzene	12.569	95	77110	42.956	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.920%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	60215	46.333	ug/l	97
3) Chloromethane	2.146	50	116637	45.594	ug/l	99
4) Vinyl Chloride	2.281	62	153714	45.552	ug/l	98
5) Bromomethane	2.687	94	81904	40.092	ug/l	98
6) Chloroethane	2.828	64	100710	43.209	ug/l	98
7) Trichlorofluoromethane	3.170	101	118749	41.565	ug/l	99
8) Diethyl Ether	3.593	74	35881	42.456	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.964	101	72688	41.457	ug/l	95
10) Methyl Iodide	4.158	142	74016	46.408	ug/l	91
11) Tert butyl alcohol	5.064	59	20892	215.149	ug/l	# 85
12) 1,1-Dichloroethene	3.940	96	69098	40.843	ug/l	# 82
13) Acrolein	3.793	56	26049	226.468	ug/l	99
14) Allyl chloride	4.564	41	93883	42.090	ug/l	89
15) Acrylonitrile	5.258	53	75822	202.971	ug/l	98
16) Acetone	4.028	43	75665	209.656	ug/l	# 83
17) Carbon Disulfide	4.269	76	233159	40.824	ug/l	96
18) Methyl Acetate	4.564	43	37365	46.049	ug/l	# 88
19) Methyl tert-butyl Ether	5.322	73	148736	42.274	ug/l	98
20) Methylene Chloride	4.805	84	93733	50.874	ug/l	# 84
21) trans-1,2-Dichloroethene	5.311	96	79999	41.822	ug/l	93
22) Diisopropyl ether	6.222	45	199956	42.130	ug/l	# 91
23) Vinyl Acetate	6.158	43	614525	212.224	ug/l	# 91
24) 1,1-Dichloroethane	6.111	63	138932	42.284	ug/l	96
25) 2-Butanone	7.087	43	102448	201.958	ug/l	# 80
26) 2,2-Dichloropropane	7.075	77	115549	43.052	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	88395	41.695	ug/l	91
28) Bromochloromethane	7.428	49	54850	46.804	ug/l	# 76
29) Tetrahydrofuran	7.452	42	55587	204.834	ug/l	91
30) Chloroform	7.593	83	141879	42.233	ug/l	98
31) Cyclohexane	7.875	56	113002	39.634	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	123362	42.609	ug/l	99
36) 1,1-Dichloropropene	8.010	75	111297	42.393	ug/l	97
37) Ethyl Acetate	7.169	43	41893	41.459	ug/l	# 88
38) Carbon Tetrachloride	7.987	117	111310	43.119	ug/l	97
39) Methylcyclohexane	9.275	83	132289	42.618	ug/l	94
40) Benzene	8.252	78	317383	41.432	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	22360	41.160	ug/l #	84
42) 1,2-Dichloroethane	8.322	62	82986	41.769	ug/l	94
43) Isopropyl Acetate	8.358	43	77485	42.768	ug/l #	90
44) Trichloroethene	9.028	130	82531	43.876	ug/l	92
45) 1,2-Dichloropropane	9.305	63	77527	41.393	ug/l	100
46) Dibromomethane	9.393	93	43729	42.080	ug/l #	87
47) Bromodichloromethane	9.587	83	105509	41.267	ug/l	99
48) Methyl methacrylate	9.381	41	37309	43.095	ug/l #	76
49) 1,4-Dioxane	9.387	88	9806	841.203	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	206563	210.761	ug/l	89
52) Toluene	10.334	92	200608	43.175	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	101451	42.482	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	121017	42.804	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	57559	42.445	ug/l	91
56) Ethyl methacrylate	10.599	69	67480	43.871	ug/l #	84
57) 1,3-Dichloropropane	10.875	76	96900	41.441	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	147365	210.676	ug/l	95
59) 2-Hexanone	10.922	43	153447	207.886	ug/l	83
60) Dibromochloromethane	11.075	129	69566	44.192	ug/l	99
61) 1,2-Dibromoethane	11.181	107	54129	42.278	ug/l	97
64) Tetrachloroethene	10.810	164	61642	44.224	ug/l	91
65) Chlorobenzene	11.604	112	204985	42.874	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	72784	42.757	ug/l	99
67) Ethyl Benzene	11.681	91	381409	44.040	ug/l	95
68) m/p-Xylenes	11.793	106	300206	90.100	ug/l	89
69) o-Xylene	12.122	106	136012	44.419	ug/l	89
70) Styrene	12.134	104	238288	45.568	ug/l	97
71) Bromoform	12.298	173	37620	44.872	ug/l #	99
73) Isopropylbenzene	12.422	105	359387	44.156	ug/l	95
74) N-amyl acetate	12.234	43	73083	43.416	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	65256	41.517	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	77603	77.183	ug/l #	100
77) Bromobenzene	12.698	156	78175	43.647	ug/l	87
78) n-propylbenzene	12.763	91	453999	44.778	ug/l	95
79) 2-Chlorotoluene	12.846	91	240509	44.314	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	298733	45.117	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	21502	42.532	ug/l	89
82) 4-Chlorotoluene	12.946	91	251755	43.510	ug/l	93
83) tert-Butylbenzene	13.169	119	255168	45.164	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	300788	44.900	ug/l	97
85) sec-Butylbenzene	13.345	105	395335	44.584	ug/l	95
86) p-Isopropyltoluene	13.457	119	329236	45.333	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	164238	44.139	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	162145	44.043	ug/l	97
89) n-Butylbenzene	13.787	91	317947	44.926	ug/l	98
90) Hexachloroethane	14.051	117	64677	44.586	ug/l	85
91) 1,2-Dichlorobenzene	13.828	146	139651	43.870	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9839	44.655	ug/l	84
93) 1,2,4-Trichlorobenzene	15.098	180	84559	45.924	ug/l	96
94) Hexachlorobutadiene	15.204	225	42031	46.584	ug/l	98
95) Naphthalene	15.328	128	166266	45.289	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	73526	45.352	ug/l	98

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QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration

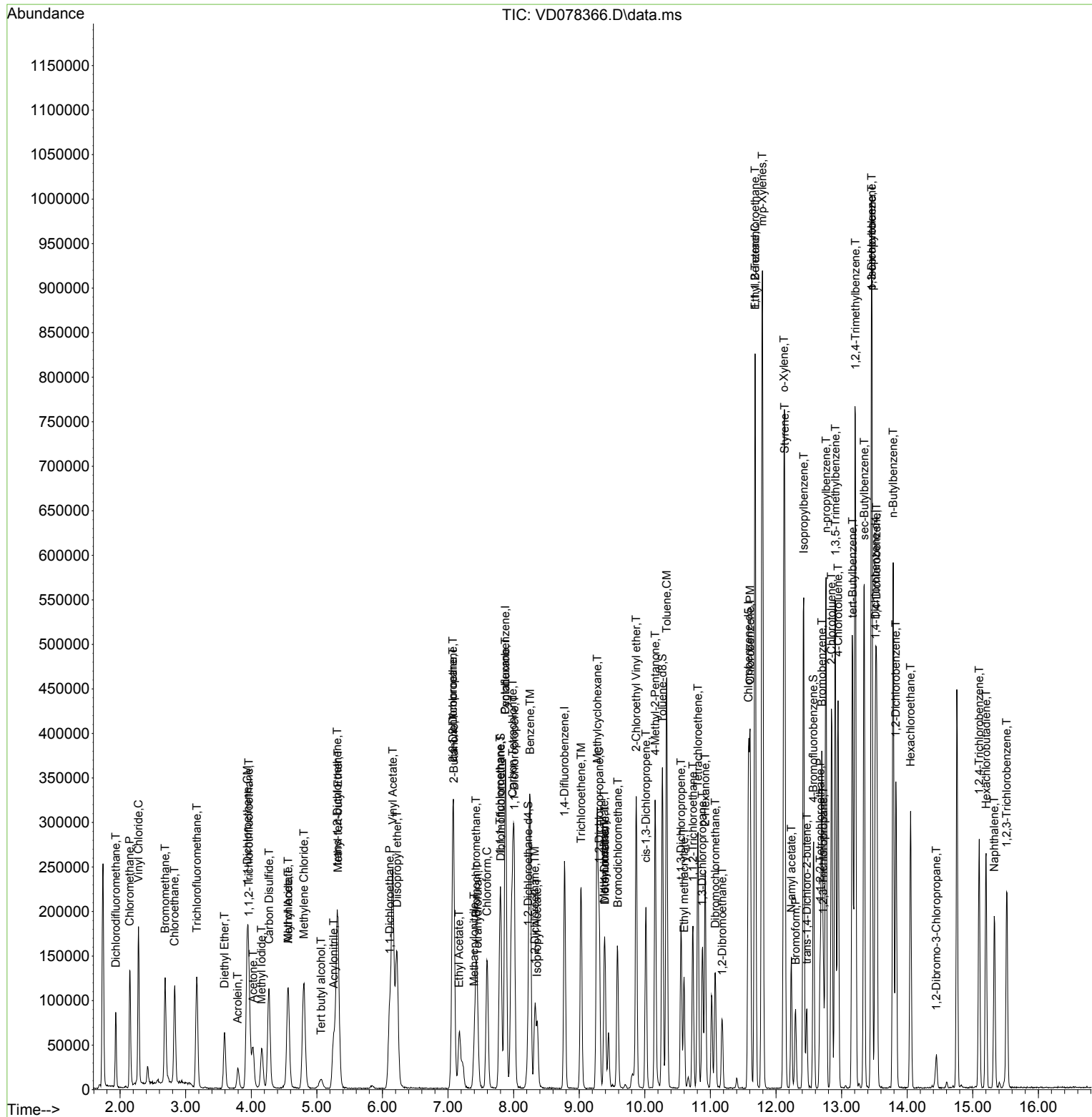
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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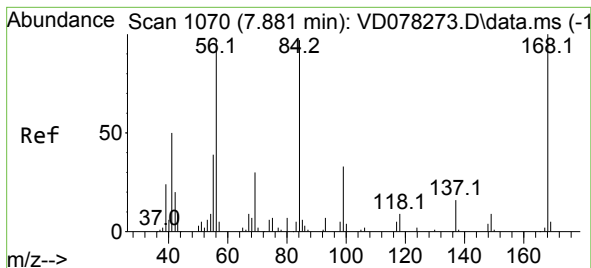
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD078366.D

Acq: 08 Feb 2024 13:40

Instrument :

MSVOA_D

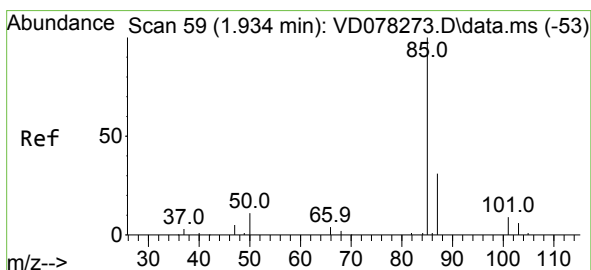
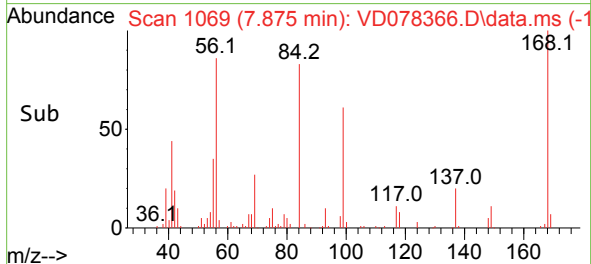
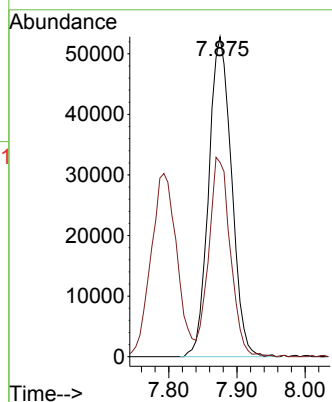
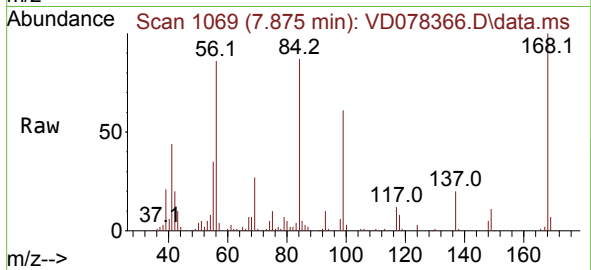
ClientSampleId :

Tgt Ion:168 Resp: 122975

Ion Ratio Lower Upper

168 100

99 60.4 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 46.333 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078366.D

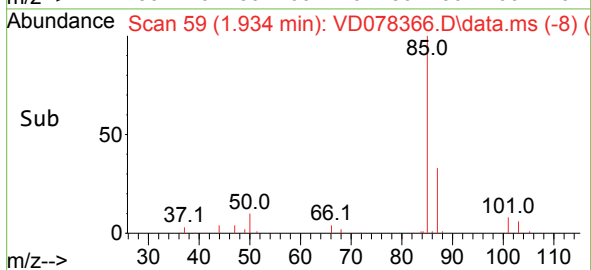
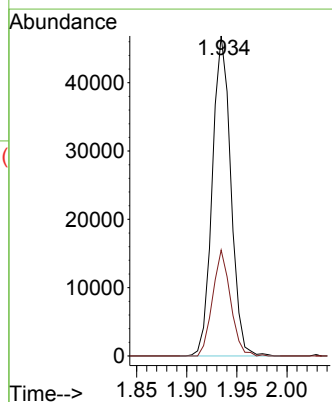
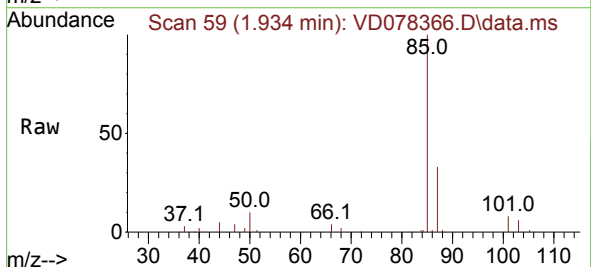
Acq: 08 Feb 2024 13:40

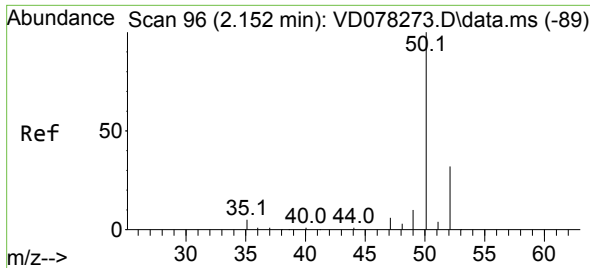
Tgt Ion: 85 Resp: 60215

Ion Ratio Lower Upper

85 100

87 33.1 15.7 47.0

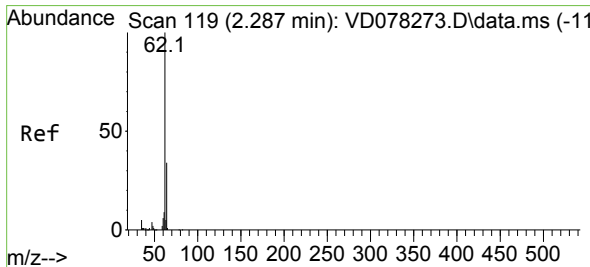
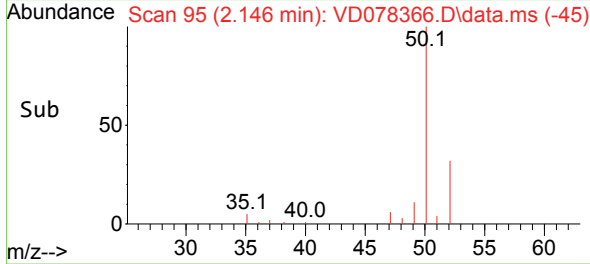
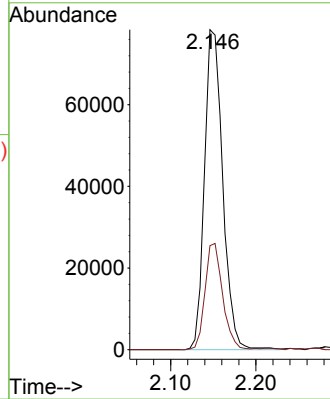
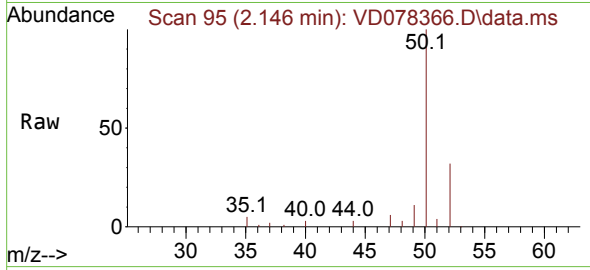




#3
Chloromethane
Concen: 45.594 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

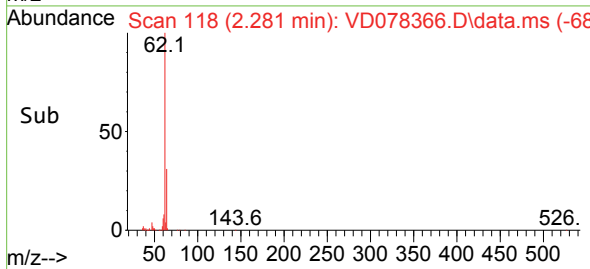
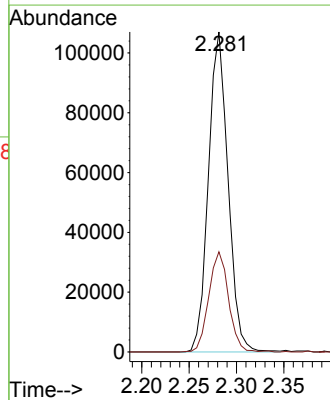
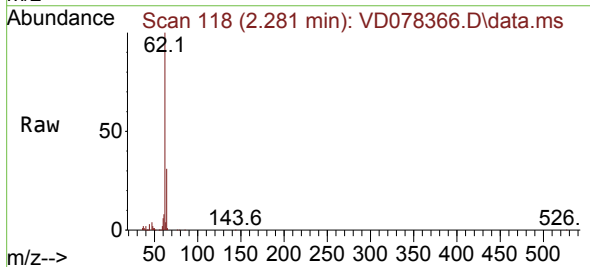
Instrument :
MSVOA_D
ClientSampleId :

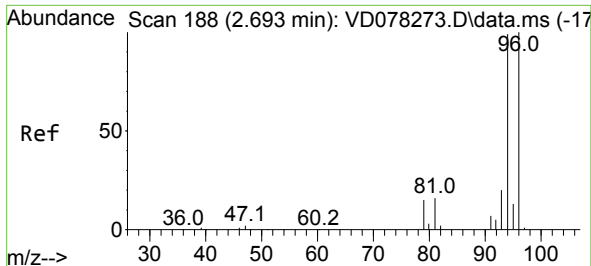
Tgt Ion: 50 Resp: 116637
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0



#4
Vinyl Chloride
Concen: 45.552 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion: 62 Resp: 153714
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0





#5

Bromomethane

Concen: 40.092 ug/l

RT: 2.687 min Scan# 187

Delta R.T. -0.006 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

Instrument :

MSVOA_D

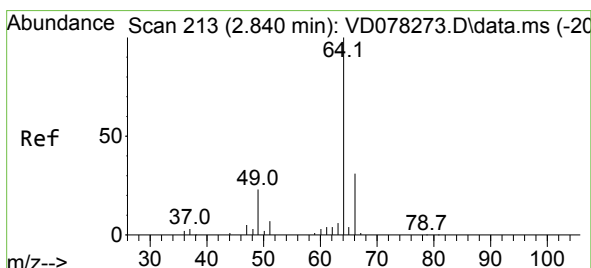
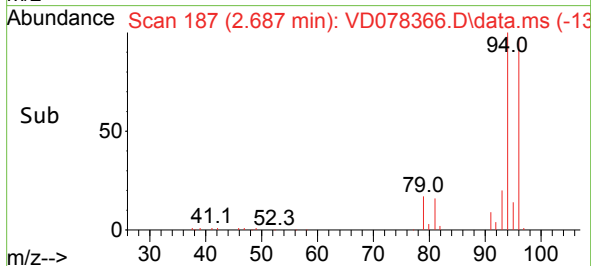
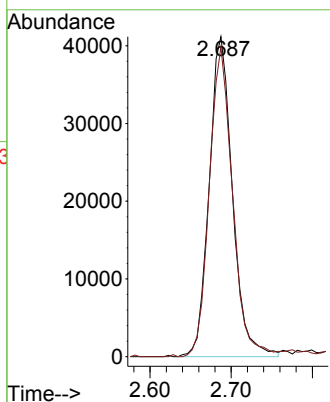
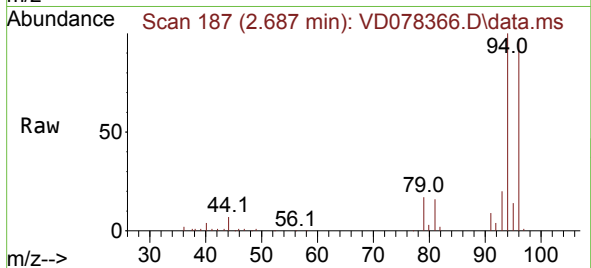
ClientSampleId :

Tgt Ion: 94 Resp: 81904

Ion Ratio Lower Upper

94 100

96 96.9 75.8 113.8



#6

Chloroethane

Concen: 43.209 ug/l

RT: 2.828 min Scan# 211

Delta R.T. -0.012 min

Lab File: VD078366.D

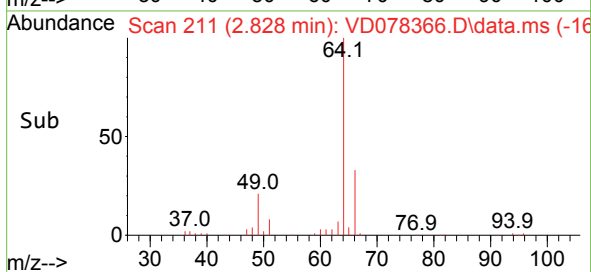
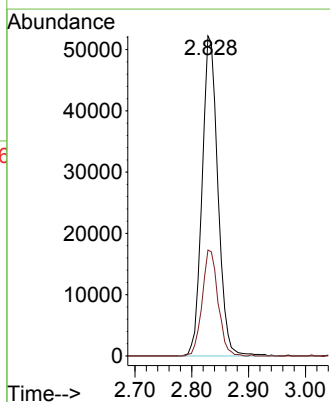
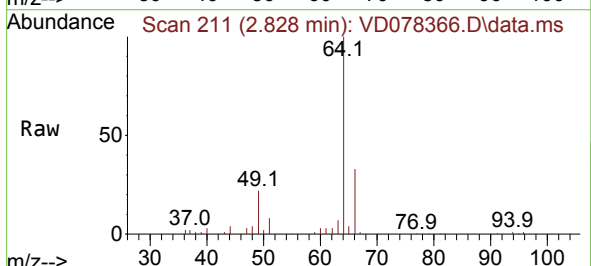
Acq: 08 Feb 2024 13:40

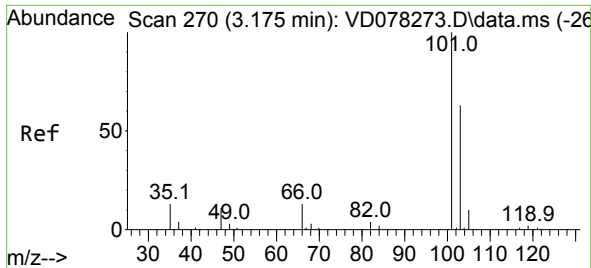
Tgt Ion: 64 Resp: 100710

Ion Ratio Lower Upper

64 100

66 33.1 25.5 38.3

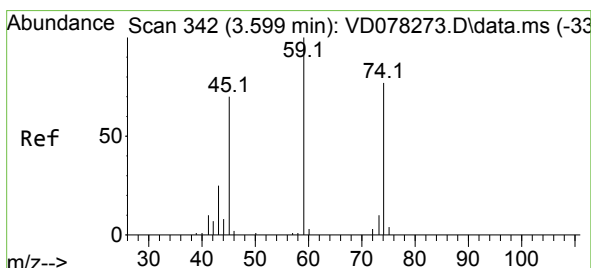
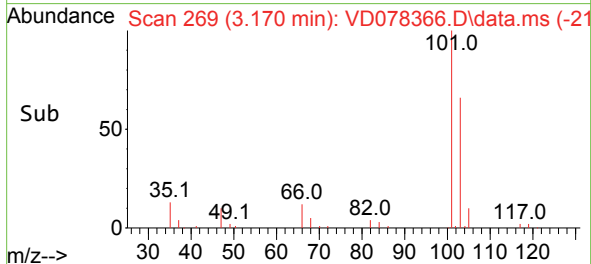
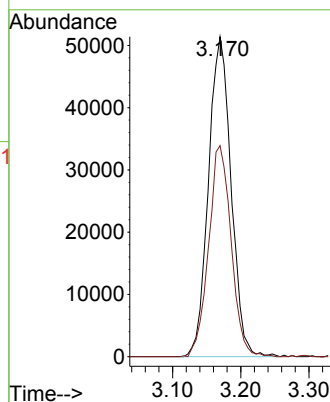
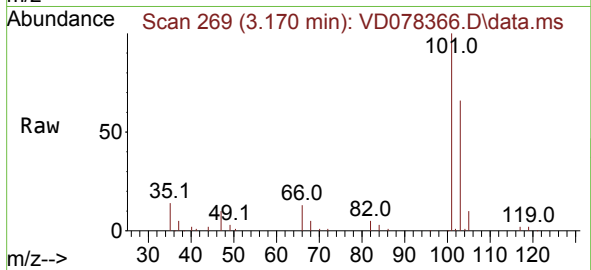




#7
Trichlorofluoromethane
Concen: 41.565 ug/l
RT: 3.170 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

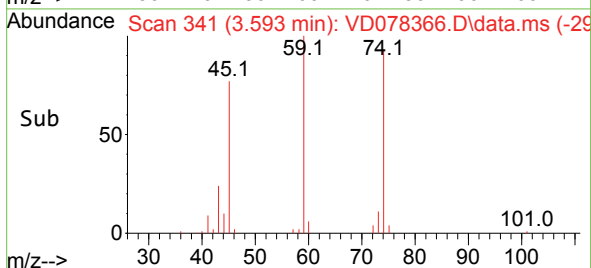
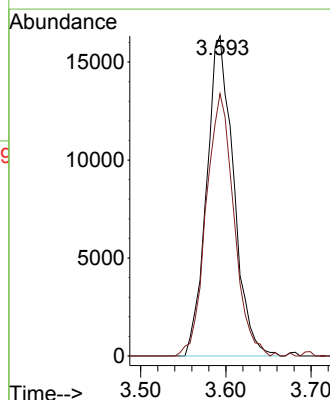
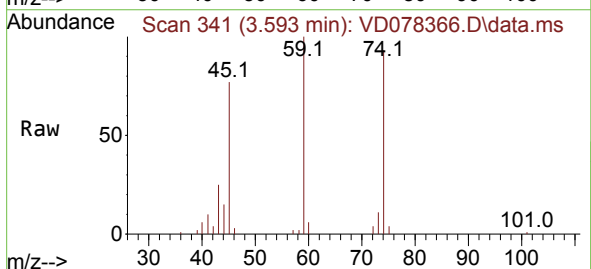
Instrument :
MSVOA_D
ClientSampleId :

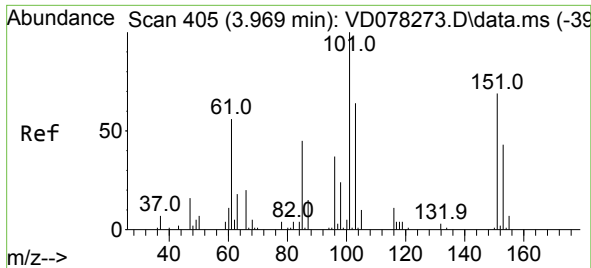
Tgt Ion:101 Resp: 118749
Ion Ratio Lower Upper
101 100
103 65.9 52.3 78.5



#8
Diethyl Ether
Concen: 42.456 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion: 74 Resp: 35881
Ion Ratio Lower Upper
74 100
45 84.4 37.5 112.7

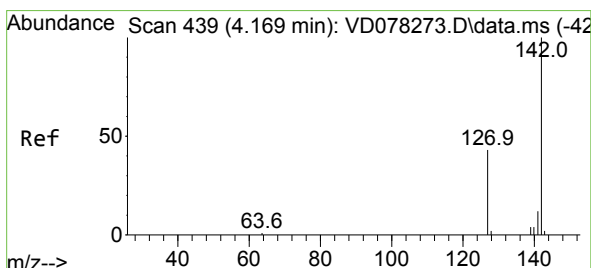
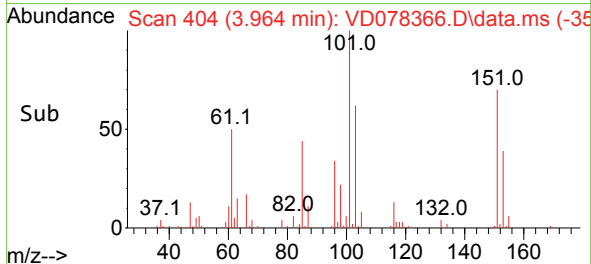
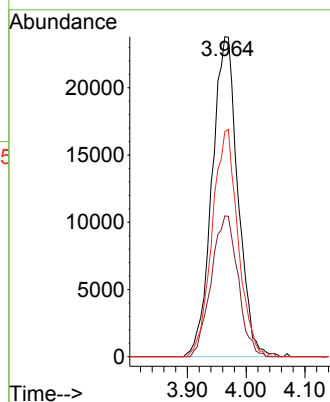
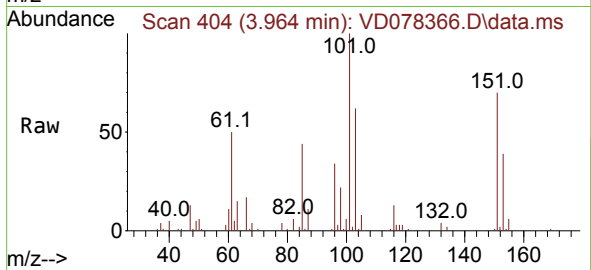




#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.457 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

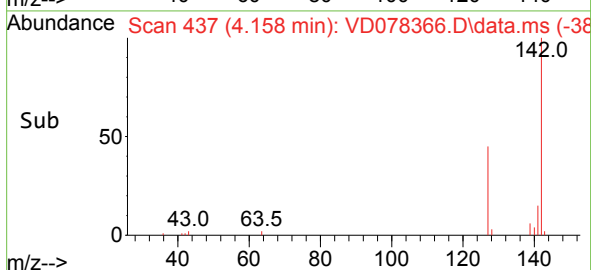
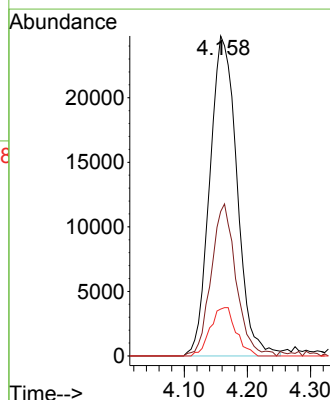
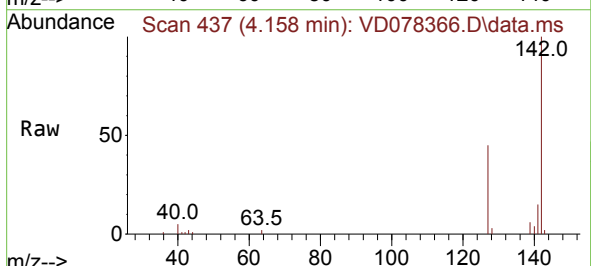
Instrument :
MSVOA_D
ClientSampleId :

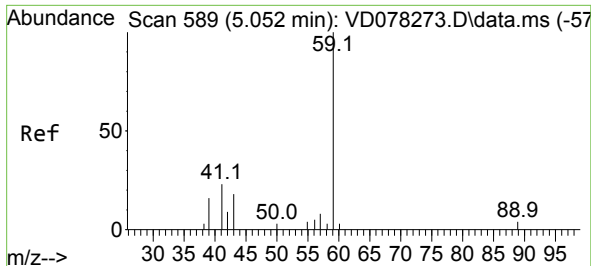
Tgt Ion:101 Resp: 72688
Ion Ratio Lower Upper
101 100
85 45.5 33.8 50.6
151 70.9 59.8 89.6



#10
Methyl Iodide
Concen: 46.408 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.012 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion:142 Resp: 74016
Ion Ratio Lower Upper
142 100
127 43.5 29.4 44.0
141 14.3 11.1 16.7





#11

Tert butyl alcohol

Concen: 215.149 ug/l

RT: 5.064 min Scan# 591

Delta R.T. 0.012 min

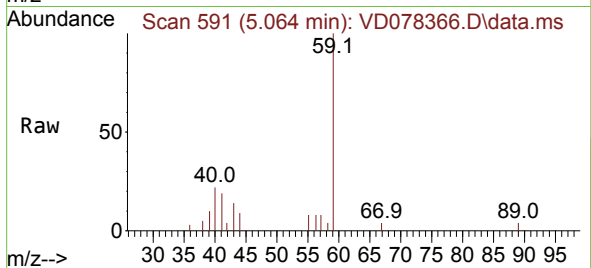
Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

Instrument :

MSVOA_D

ClientSampleId :

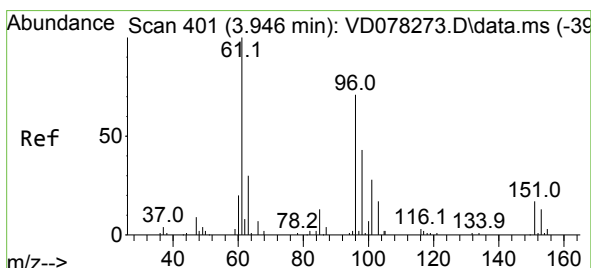
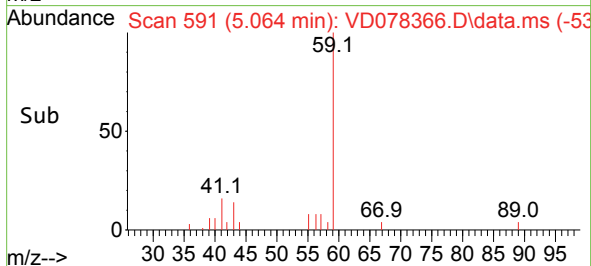
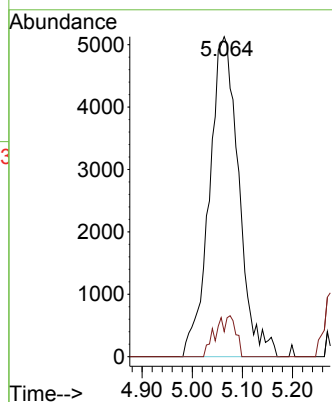


Tgt Ion: 59 Resp: 20892

Ion Ratio Lower Upper

59 100

57 4.4 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 40.843 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.006 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

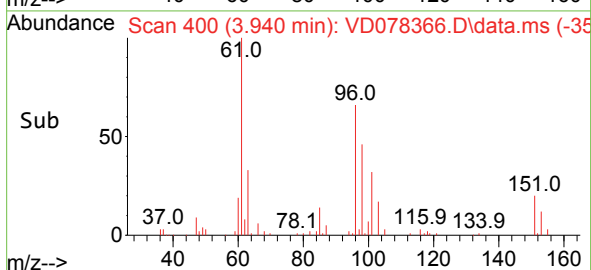
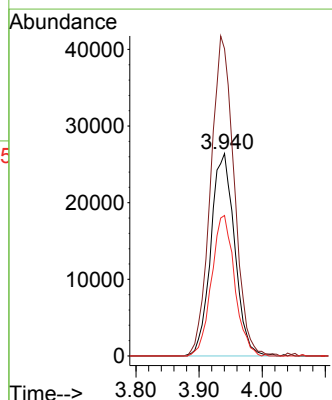
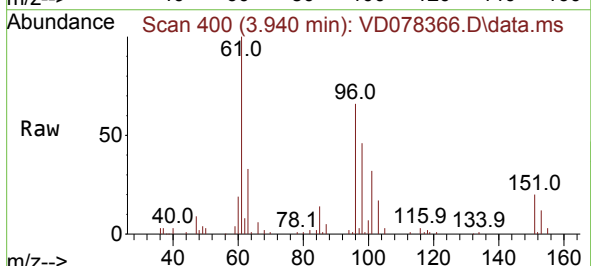
Tgt Ion: 96 Resp: 69098

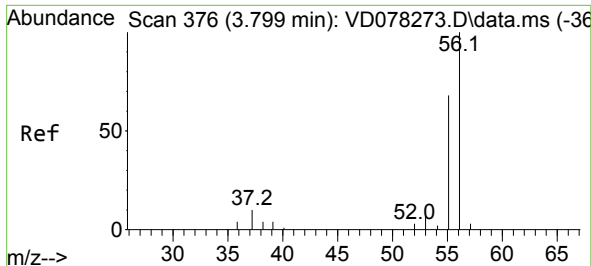
Ion Ratio Lower Upper

96 100

61 151.7 100.6 150.8#

98 69.4 50.2 75.2





#13

Acrolein

Concen: 226.468 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

Instrument :

MSVOA_D

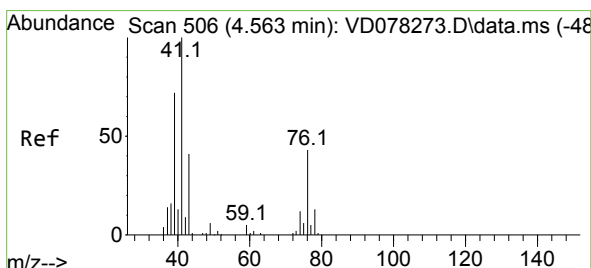
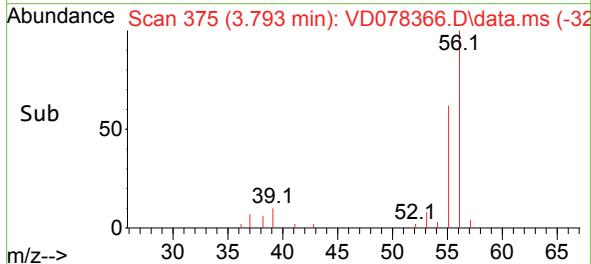
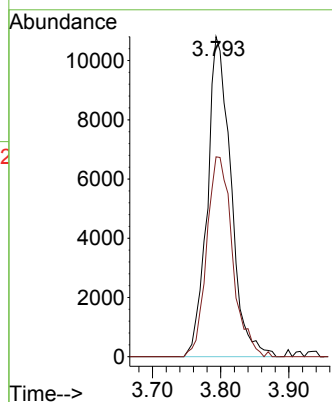
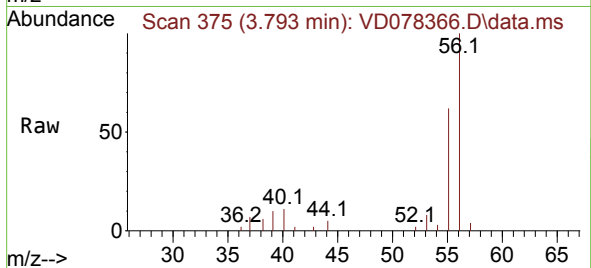
ClientSampleId :

Tgt Ion: 56 Resp: 26049

Ion Ratio Lower Upper

56 100

55 68.0 55.1 82.7



#14

Allyl chloride

Concen: 42.090 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

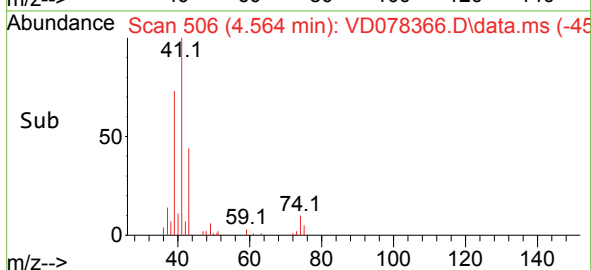
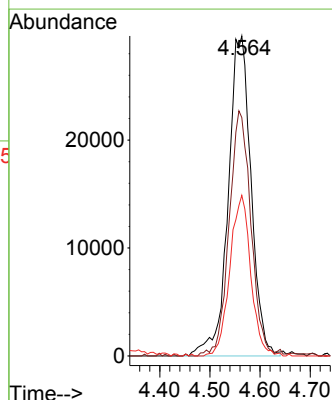
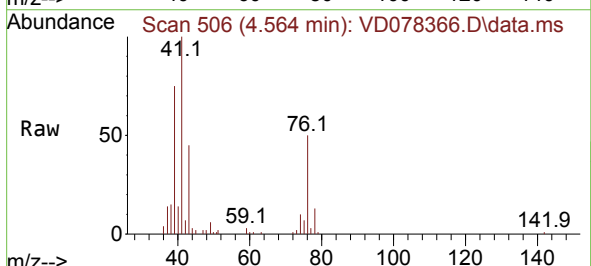
Tgt Ion: 41 Resp: 93883

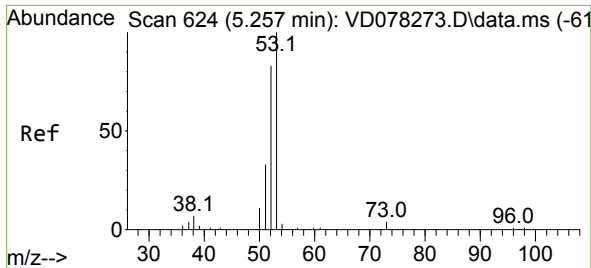
Ion Ratio Lower Upper

41 100

39 72.7 53.8 80.6

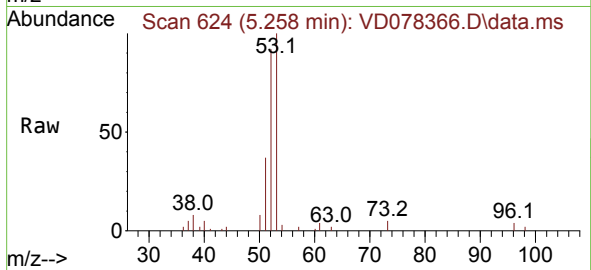
76 45.9 45.8 68.8



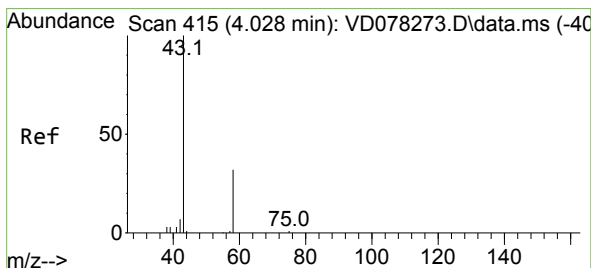
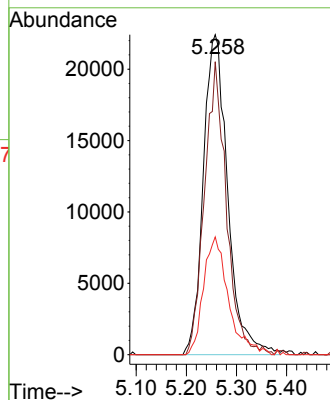
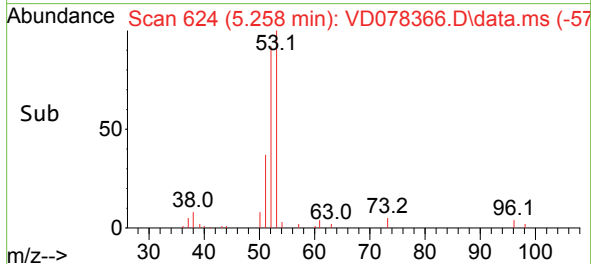


#15
Acrylonitrile
Concen: 202.971 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Instrument :
MSVOA_D
ClientSampleId :

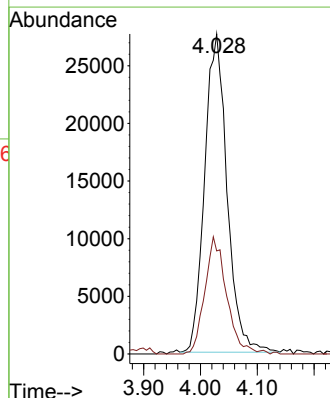
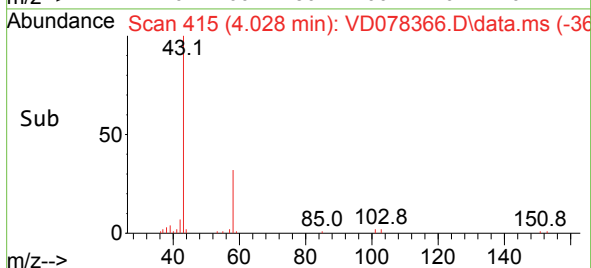
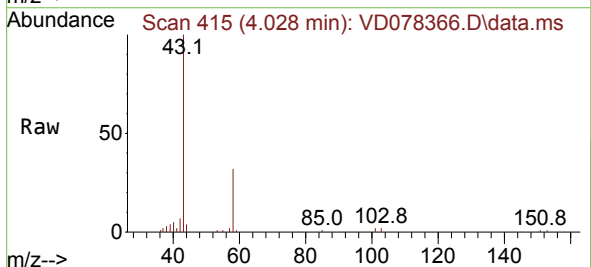


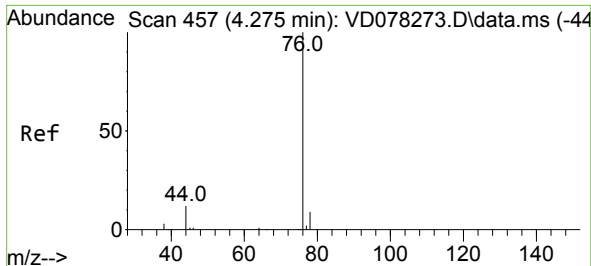
Tgt Ion:	53	Resp:	75822
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.0	97.4
51	37.6	28.3	42.5



#16
Acetone
Concen: 209.656 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion:	43	Resp:	75665
Ion	Ratio	Lower	Upper
43	100		
58	32.4	34.7	52.1#

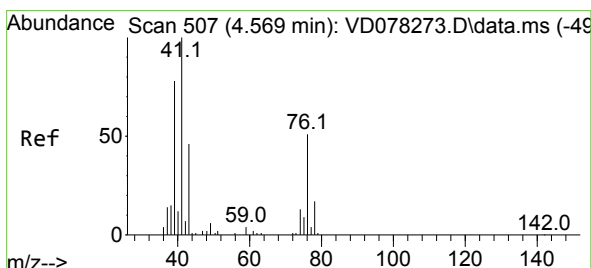
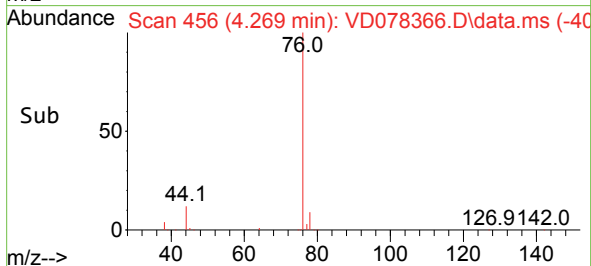
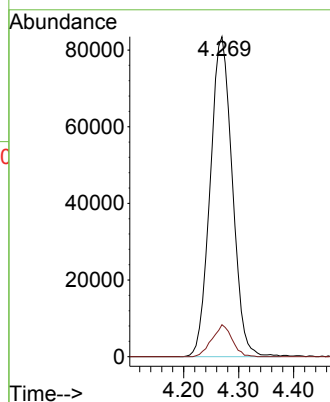
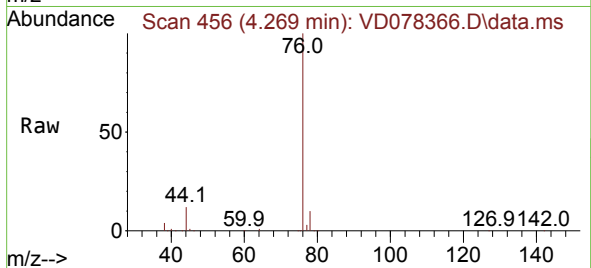




#17
Carbon Disulfide
Concen: 40.824 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

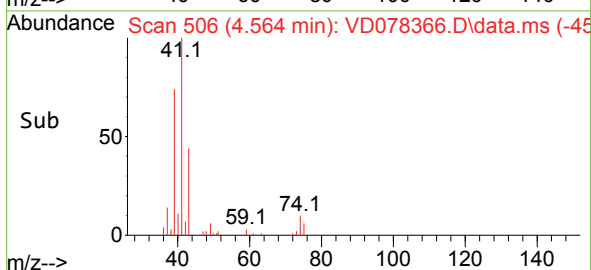
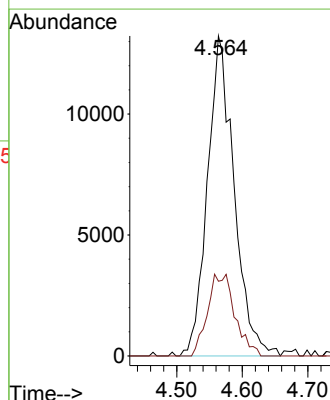
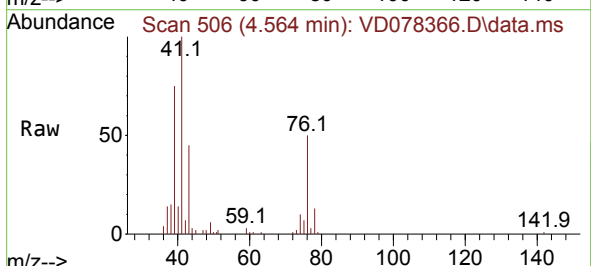
Instrument :
MSVOA_D
ClientSampleId :

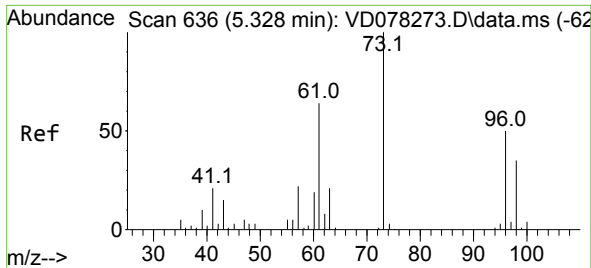
Tgt Ion: 76 Resp: 233159
Ion Ratio Lower Upper
76 100
78 10.0 6.8 10.2



#18
Methyl Acetate
Concen: 46.049 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion: 43 Resp: 37365
Ion Ratio Lower Upper
43 100
74 26.2 26.4 39.6#

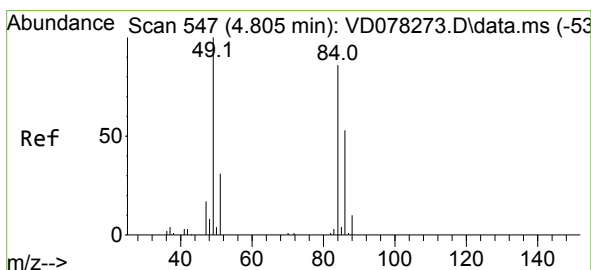
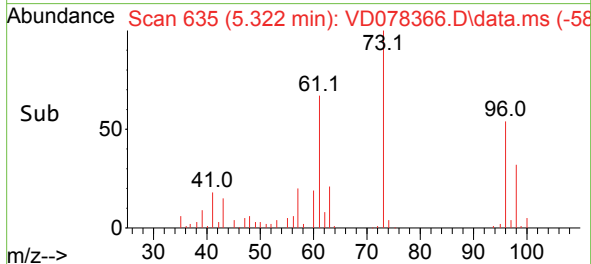
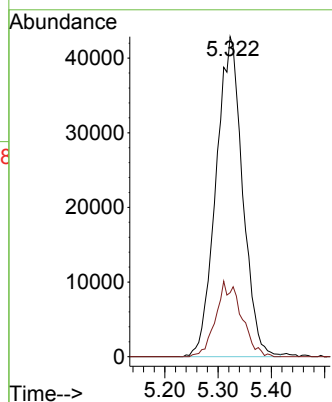
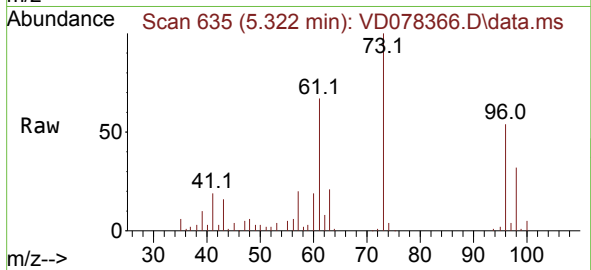




#19
Methyl tert-butyl Ether
Concen: 42.274 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

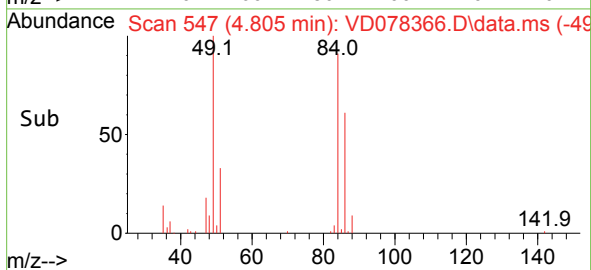
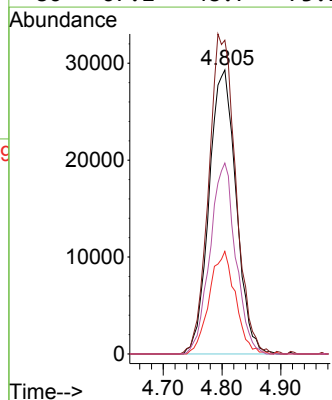
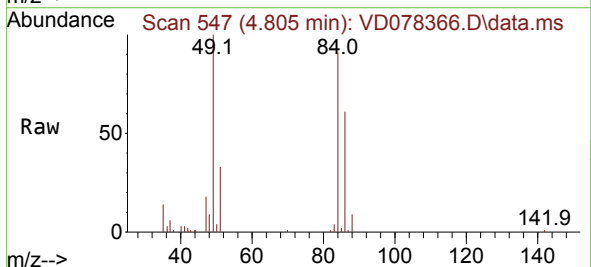
Instrument :
MSVOA_D
ClientSampleId :

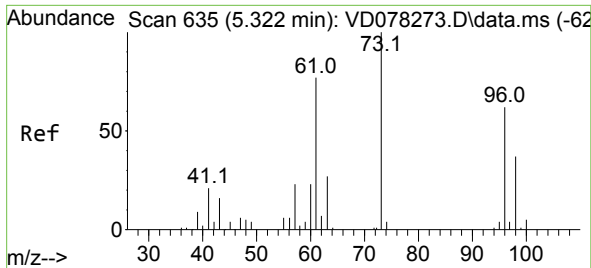
Tgt Ion: 73 Resp: 148736
Ion Ratio Lower Upper
73 100
57 20.0 16.6 25.0



#20
Methylene Chloride
Concen: 50.874 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion: 84 Resp: 93733
Ion Ratio Lower Upper
84 100
49 110.5 71.4 107.2#
51 36.1 24.5 36.7
86 67.2 48.7 73.1

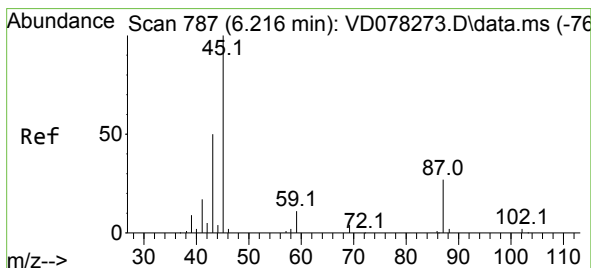
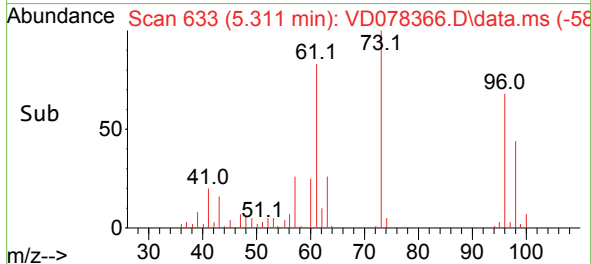
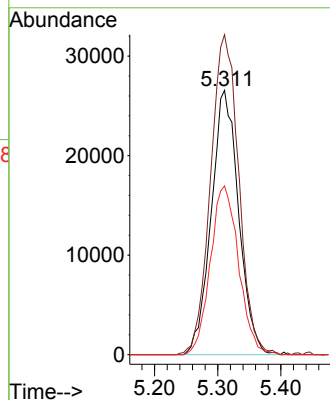
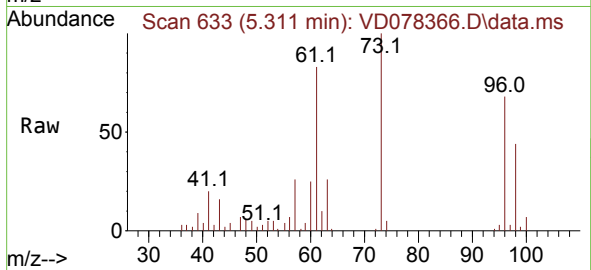




#21
trans-1,2-Dichloroethene
Concen: 41.822 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

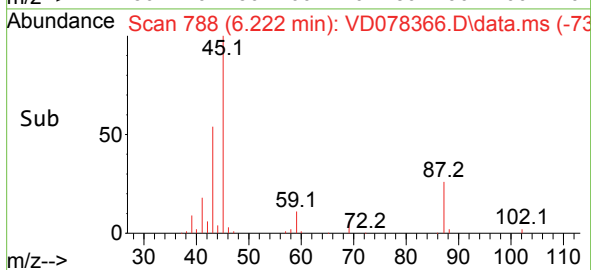
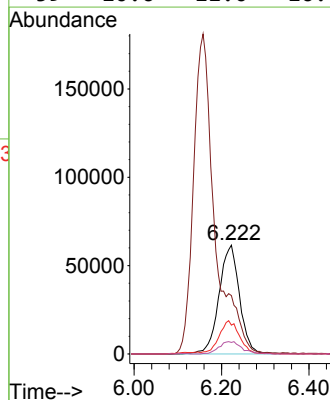
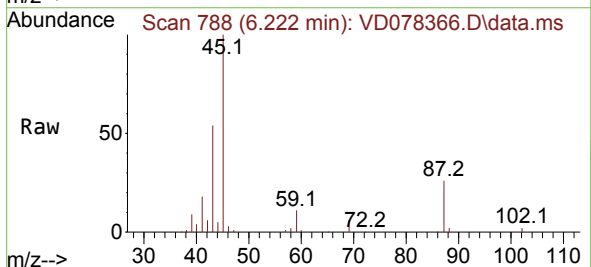
Instrument :
MSVOA_D
ClientSampleId :

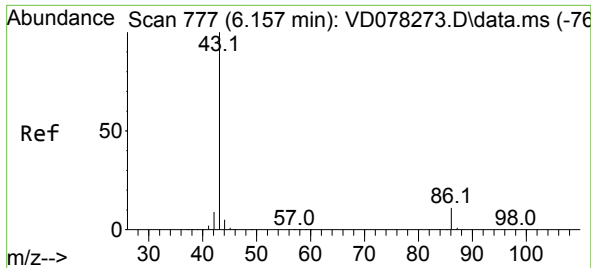
Tgt Ion: 96 Resp: 79999
Ion Ratio Lower Upper
96 100
61 121.1 89.3 133.9
98 63.9 48.6 73.0



#22
Diisopropyl ether
Concen: 42.130 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion: 45 Resp: 199956
Ion Ratio Lower Upper
45 100
43 53.0 40.0 60.0
87 26.4 28.2 42.4#
59 10.6 11.0 16.4#

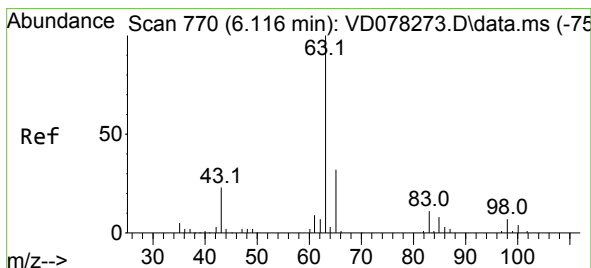
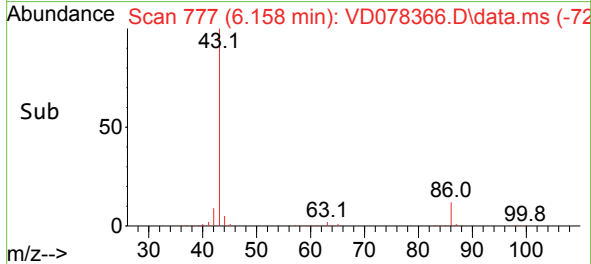
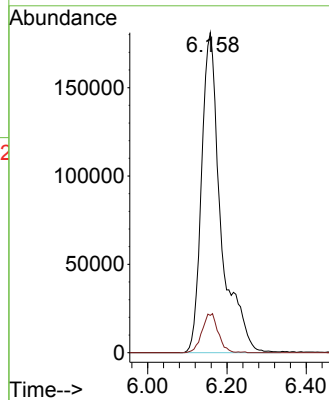
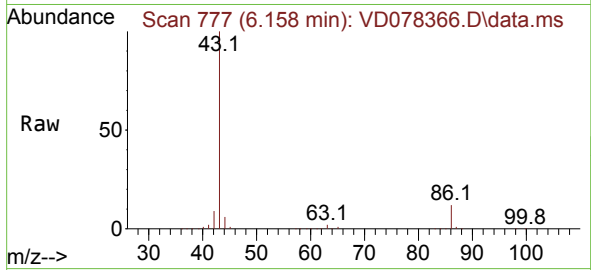




#23
 Vinyl Acetate
 Concen: 212.224 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD078366.D
 Acq: 08 Feb 2024 13:40

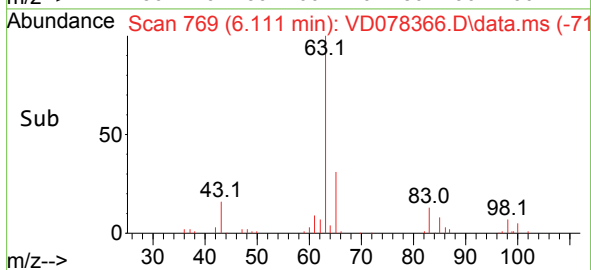
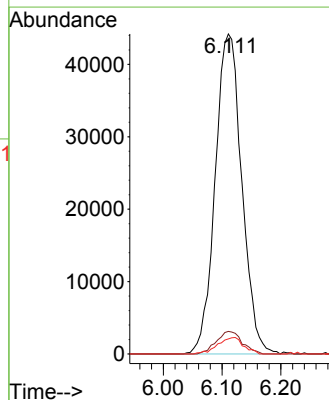
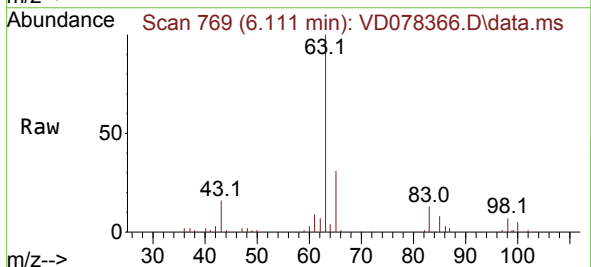
Instrument :
 MSVOA_D
 ClientSampleId :

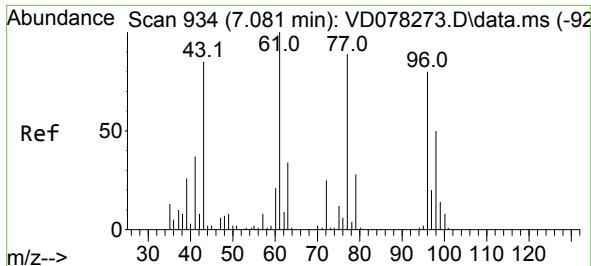
Tgt Ion: 43 Resp: 614525
 Ion Ratio Lower Upper
 43 100
 86 11.6 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 42.284 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078366.D
 Acq: 08 Feb 2024 13:40

Tgt Ion: 63 Resp: 138932
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.5 13.7
 100 4.7 2.5 7.5

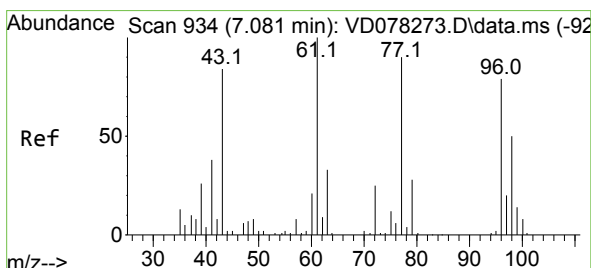
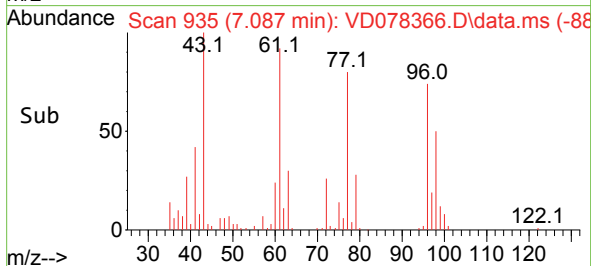
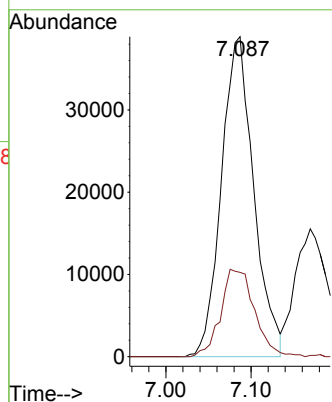
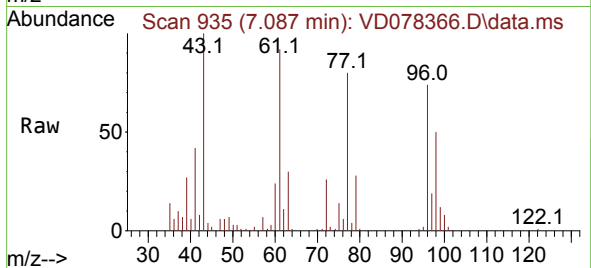




#25
2-Butanone
Concen: 201.958 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

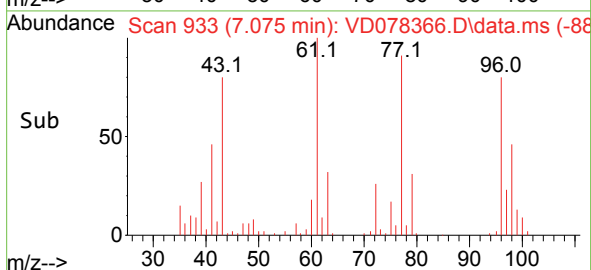
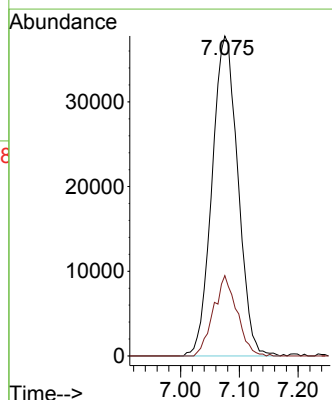
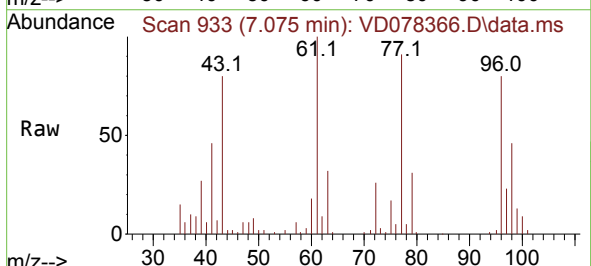
Instrument :
MSVOA_D
ClientSampleId :

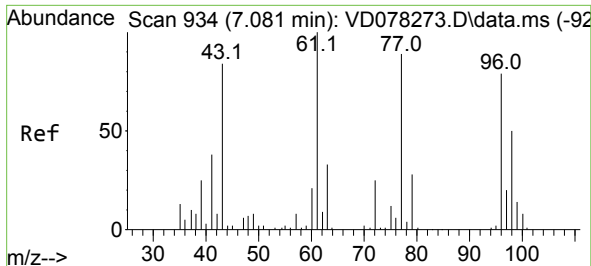
Tgt Ion: 43 Resp: 102448
Ion Ratio Lower Upper
43 100
72 26.4 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 43.052 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion: 77 Resp: 115549
Ion Ratio Lower Upper
77 100
97 22.9 13.2 39.6



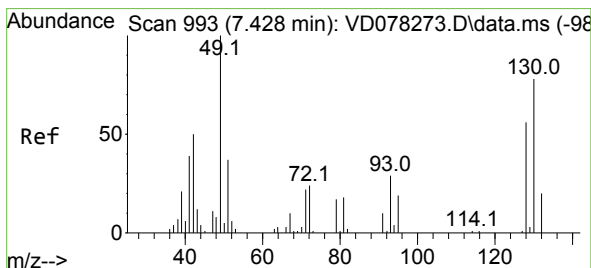
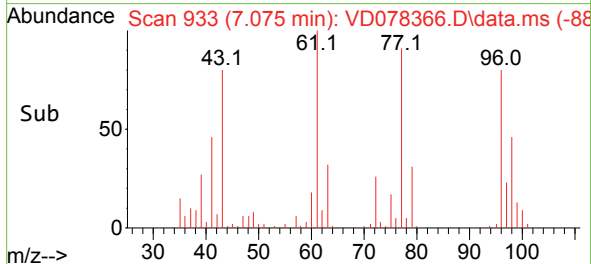
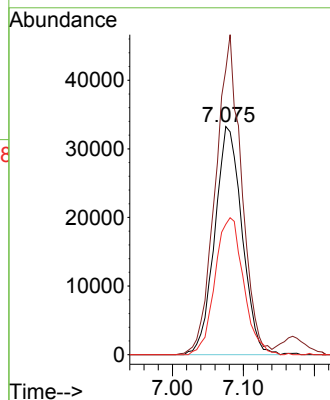
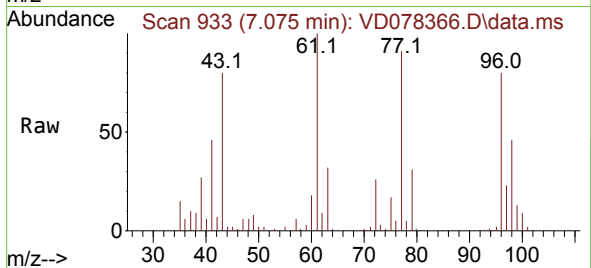


#27
 cis-1,2-Dichloroethene
 Concen: 41.695 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD078366.D
 Acq: 08 Feb 2024 13:40

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 88395

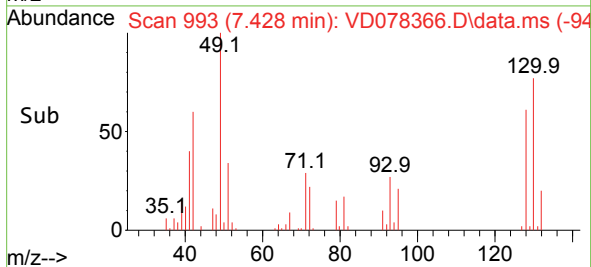
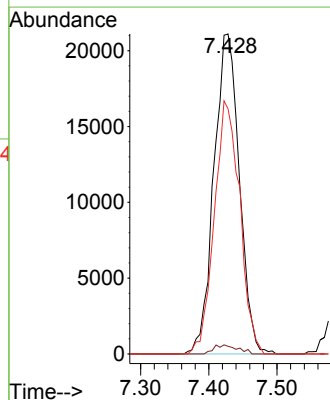
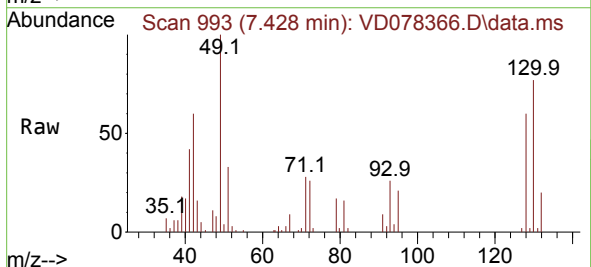
Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	239.2
98	63.0	0.0	128.6

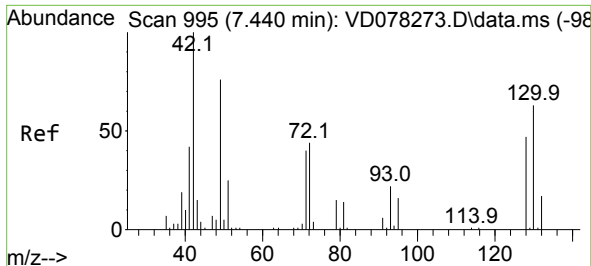


#28
 Bromochloromethane
 Concen: 46.804 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078366.D
 Acq: 08 Feb 2024 13:40

Tgt Ion: 49 Resp: 54850

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	6.0
130	79.2	83.2	124.8





#29

Tetrahydrofuran

Concen: 204.834 ug/l

RT: 7.452 min Scan# 995

Delta R.T. 0.012 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

Instrument :

MSVOA_D

ClientSampleId :

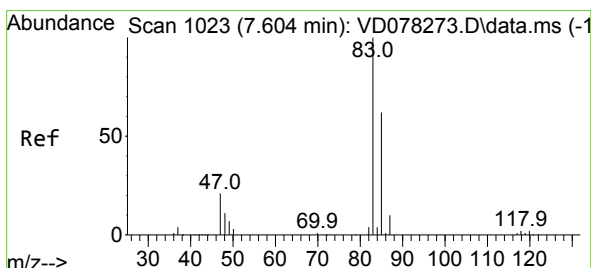
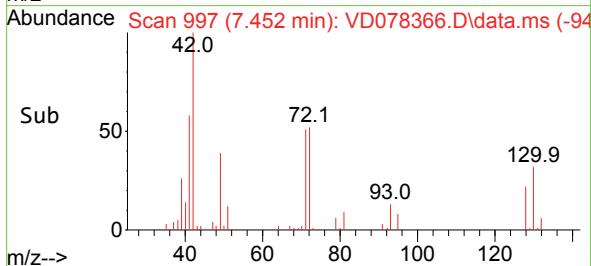
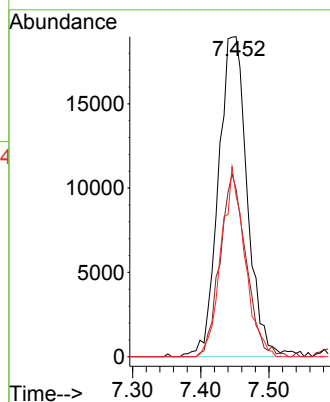
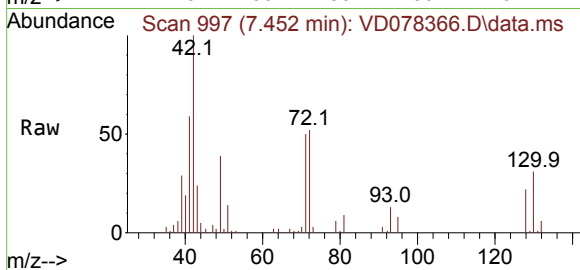
Tgt Ion: 42 Resp: 55587

Ion Ratio Lower Upper

42 100

72 51.9 46.5 69.7

71 49.1 44.5 66.7



#30

Chloroform

Concen: 42.233 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.012 min

Lab File: VD078366.D

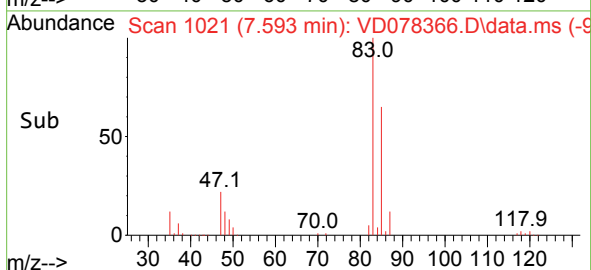
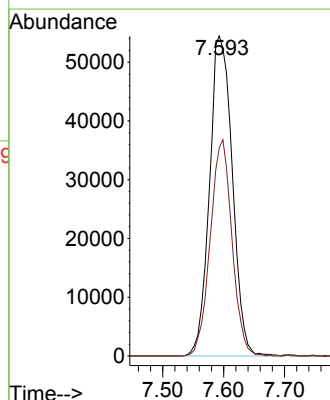
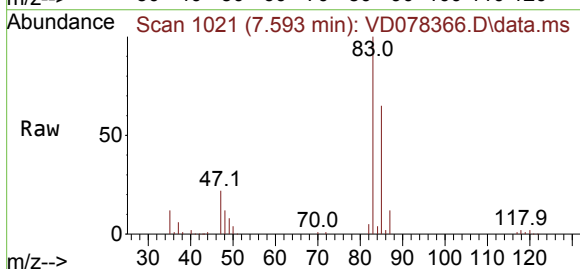
Acq: 08 Feb 2024 13:40

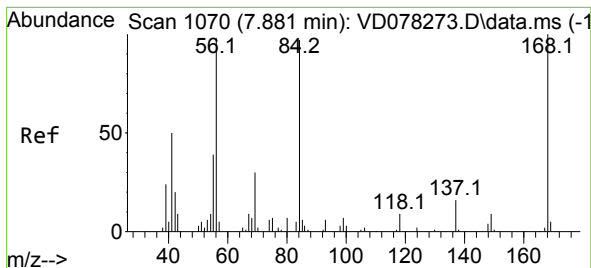
Tgt Ion: 83 Resp: 141879

Ion Ratio Lower Upper

83 100

85 65.1 53.4 80.2





#31

Cyclohexane

Concen: 39.634 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

Instrument :

MSVOA_D

ClientSampleId :

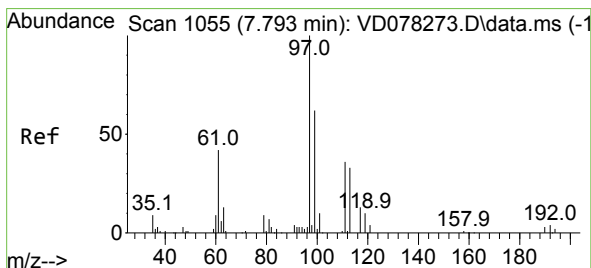
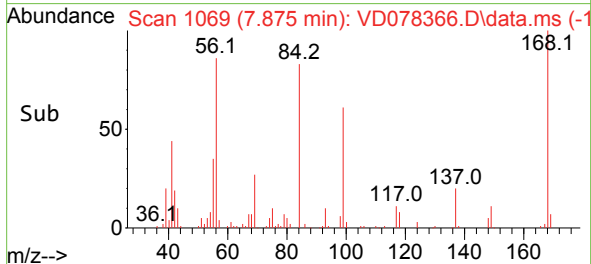
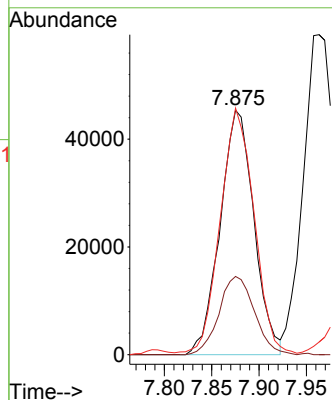
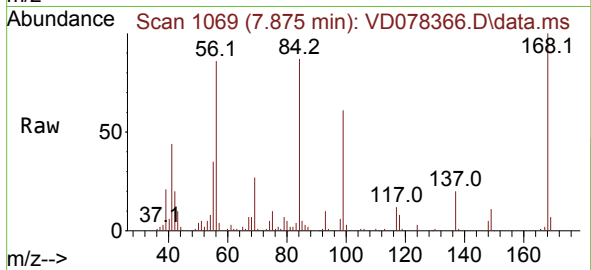
Tgt Ion: 56 Resp: 113002

Ion Ratio Lower Upper

56 100

69 32.0 28.6 43.0

84 99.8 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 42.609 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

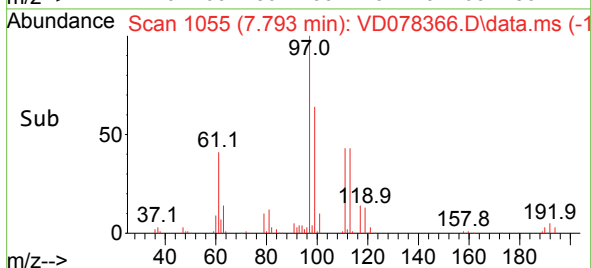
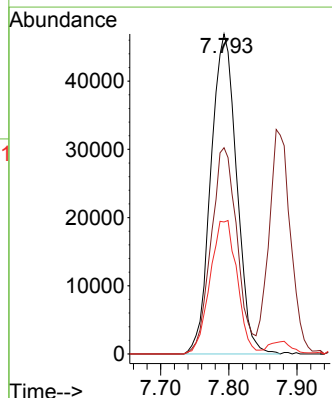
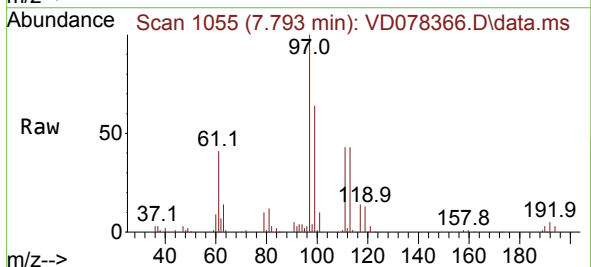
Tgt Ion: 97 Resp: 123362

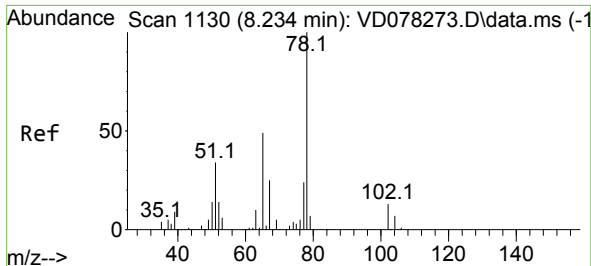
Ion Ratio Lower Upper

97 100

99 65.3 52.0 78.0

61 43.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 43.273 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.012 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

Instrument :

MSVOA_D

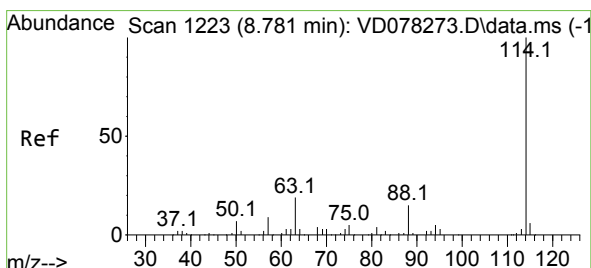
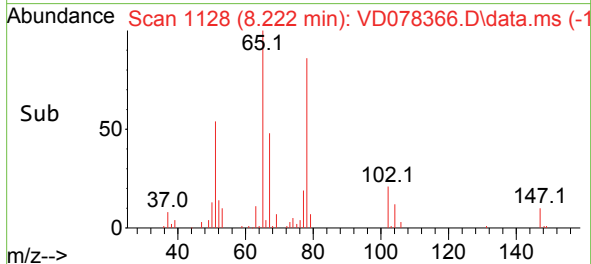
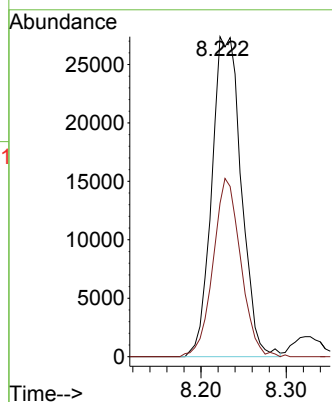
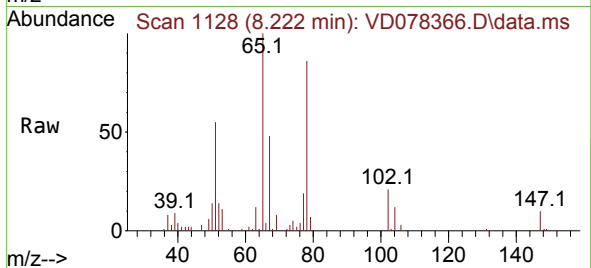
ClientSampleId :

Tgt Ion: 65 Resp: 65877

Ion Ratio Lower Upper

65 100

67 52.1 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: VD078366.D

Acq: 08 Feb 2024 13:40

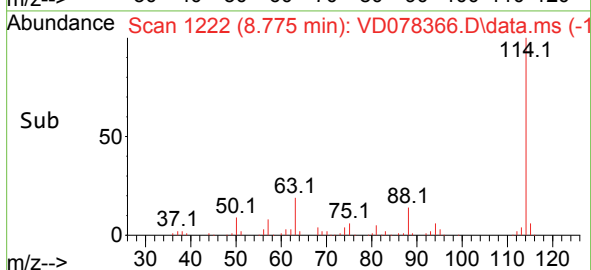
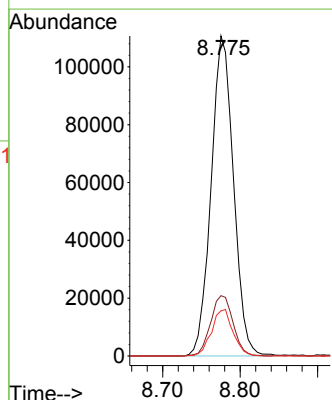
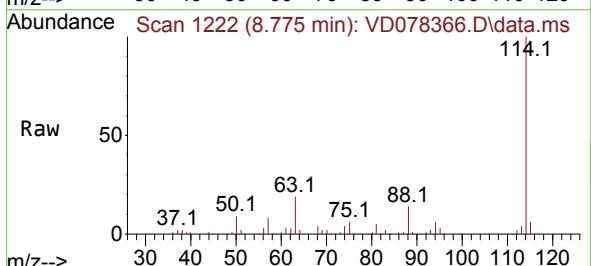
Tgt Ion: 114 Resp: 222385

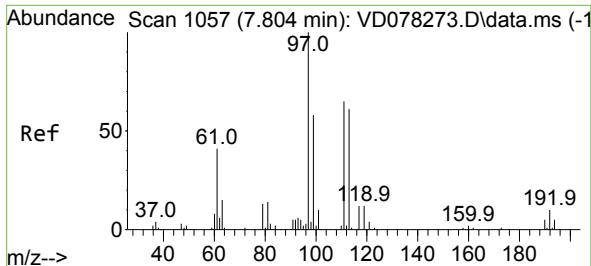
Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 14.1 0.0 26.2

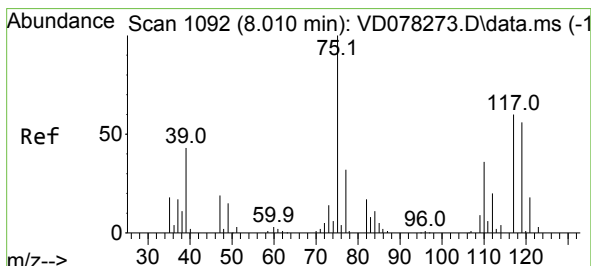
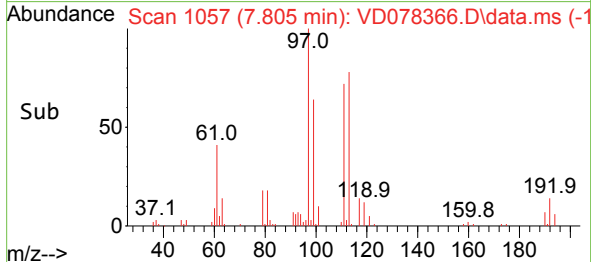
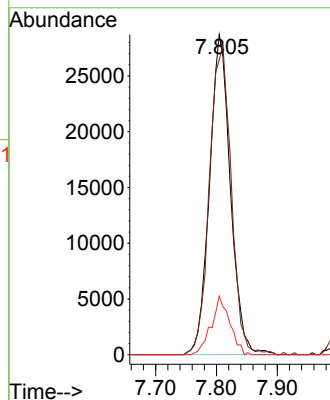
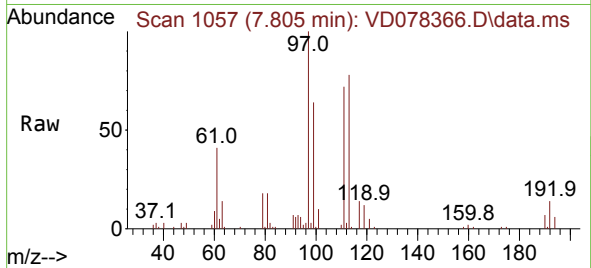




#35
Dibromofluoromethane
Concen: 43.259 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

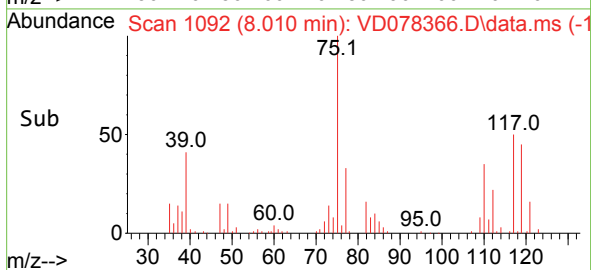
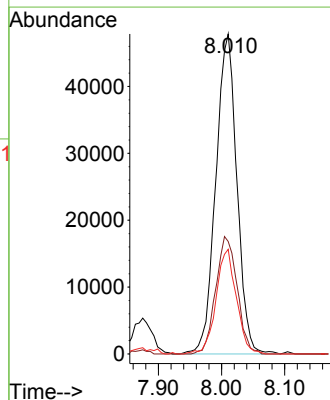
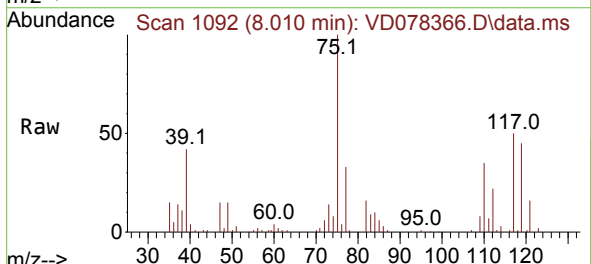
Instrument :
MSVOA_D
ClientSampleId :

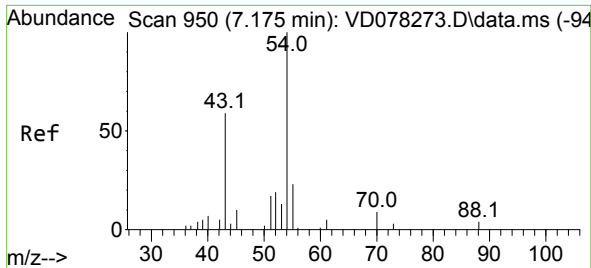
Tgt Ion:113 Resp: 68488
Ion Ratio Lower Upper
113 100
111 100.6 84.7 127.1
192 16.2 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 42.393 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion: 75 Resp: 111297
Ion Ratio Lower Upper
75 100
110 37.2 19.9 59.6
77 31.6 24.7 37.1

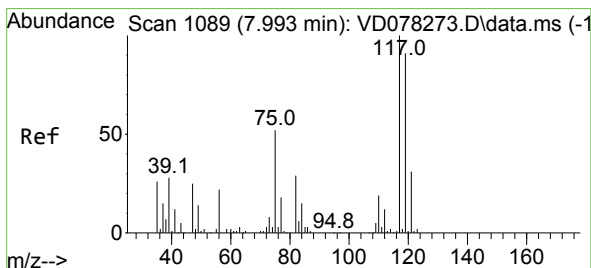
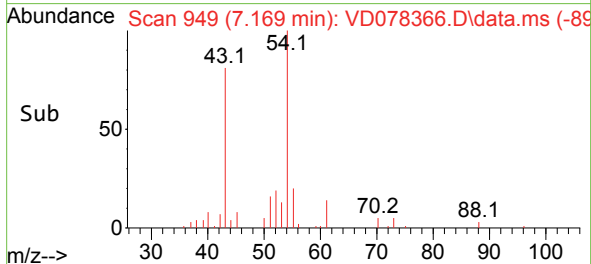
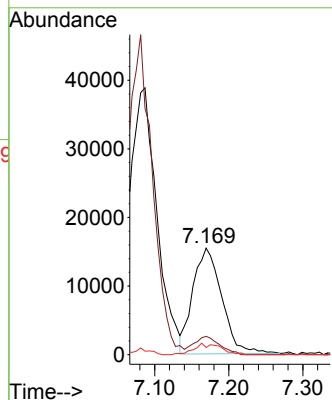
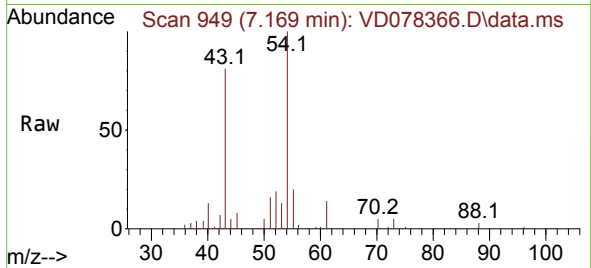




#37
Ethyl Acetate
Concen: 41.459 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

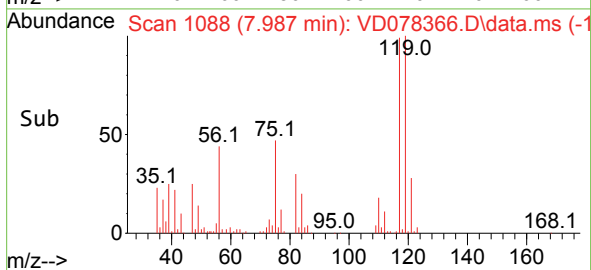
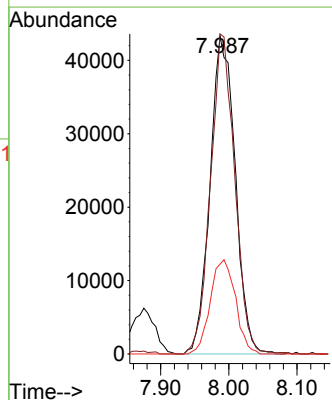
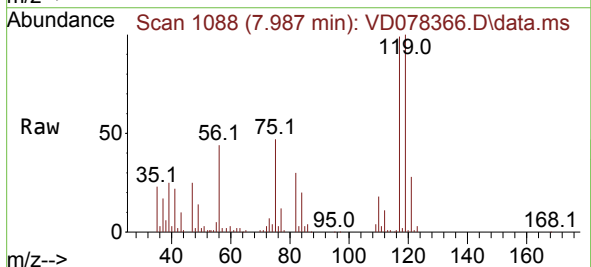
Instrument :
MSVOA_D
ClientSampleId :

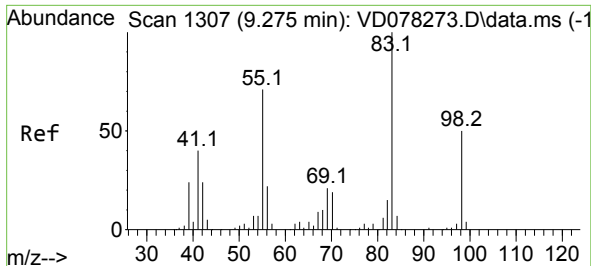
Tgt Ion: 43 Resp: 41893
Ion Ratio Lower Upper
43 100
61 15.4 14.9 22.3
70 4.7 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 43.119 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion:117 Resp: 111310
Ion Ratio Lower Upper
117 100
119 100.8 78.0 117.0
121 28.3 24.2 36.2





#39

Methylcyclohexane

Concen: 42.618 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

Instrument :

MSVOA_D

ClientSampleId :

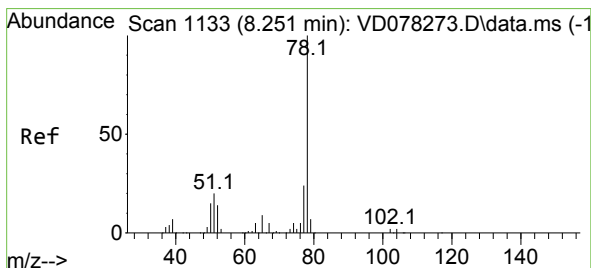
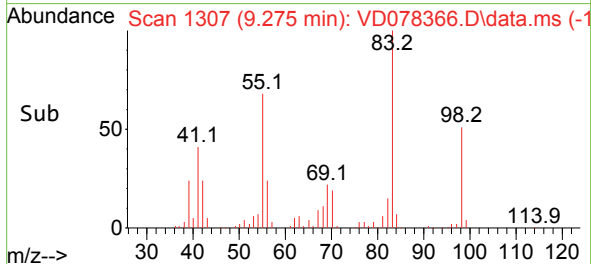
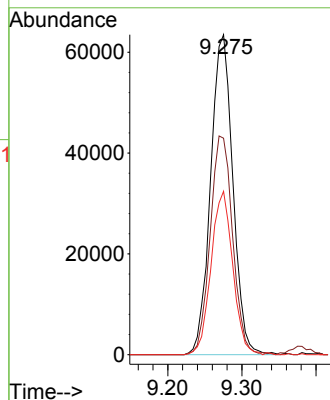
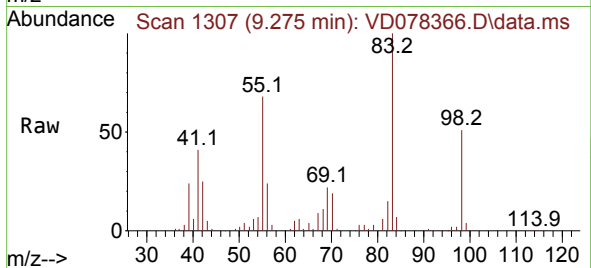
Tgt Ion: 83 Resp: 132289

Ion Ratio Lower Upper

83 100

55 67.7 49.4 74.0

98 51.1 38.4 57.6



#40

Benzene

Concen: 41.432 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078366.D

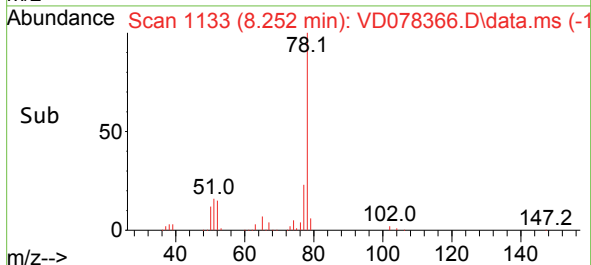
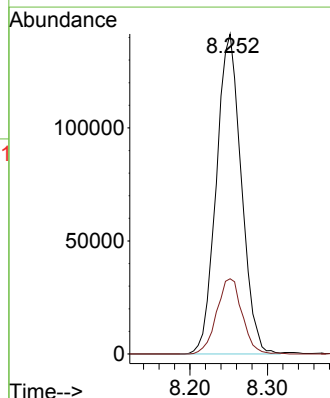
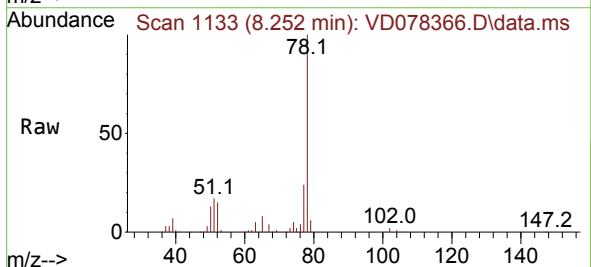
Acq: 08 Feb 2024 13:40

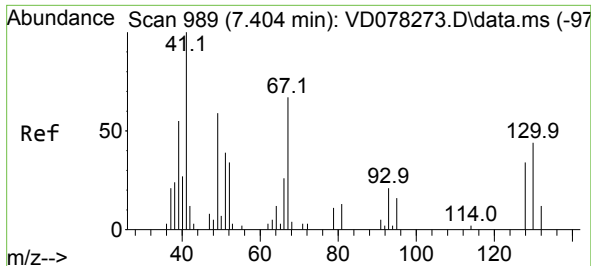
Tgt Ion: 78 Resp: 317383

Ion Ratio Lower Upper

78 100

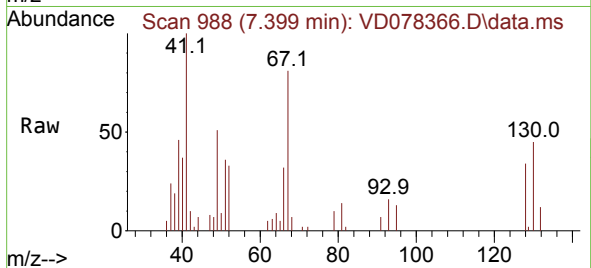
77 23.5 19.4 29.0



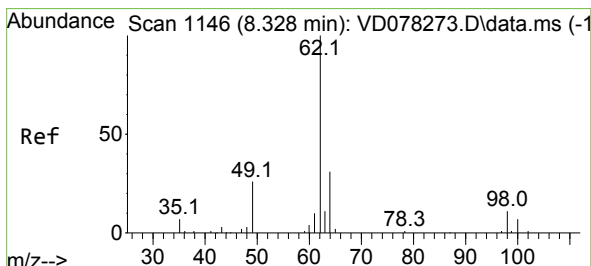
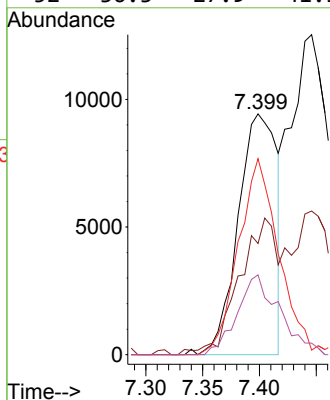
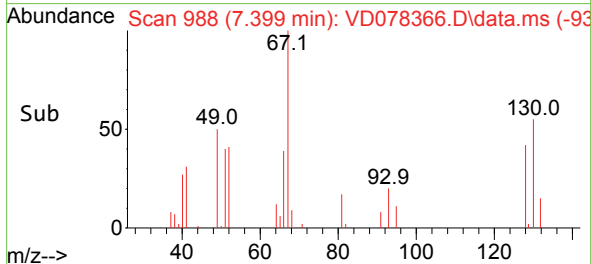


#41
Methacrylonitrile
Concen: 41.160 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Instrument :
MSVOA_D
ClientSampleId :

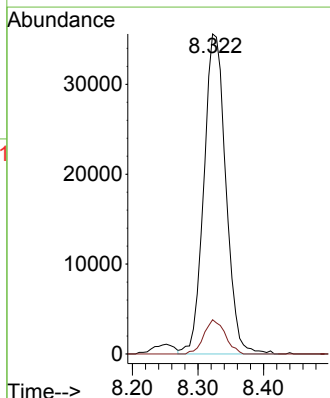
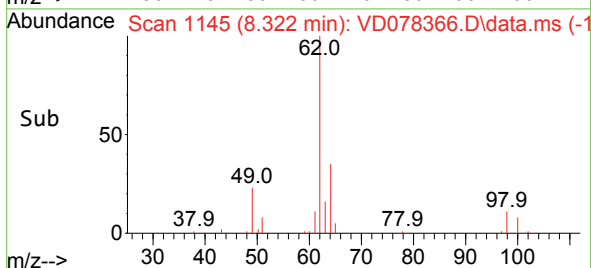
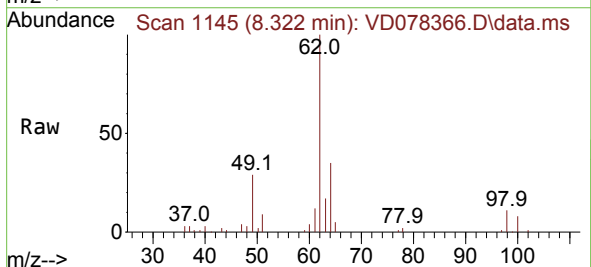


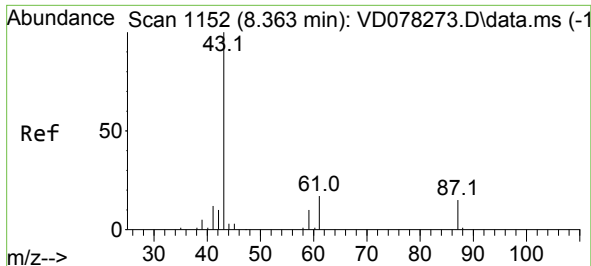
Tgt Ion:	41	Resp:	22360
Ion	Ratio	Lower	Upper
41	100		
39	67.1	34.0	51.0#
67	86.3	77.0	115.4
52	36.3	27.9	41.9



#42
1,2-Dichloroethane
Concen: 41.769 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion:	62	Resp:	82986
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	25.4

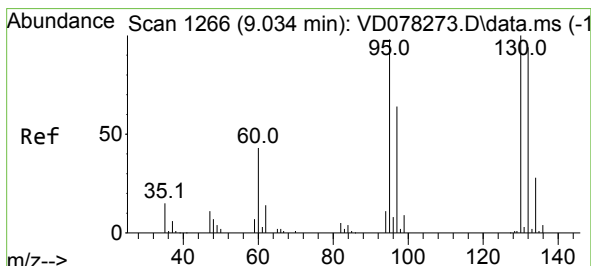
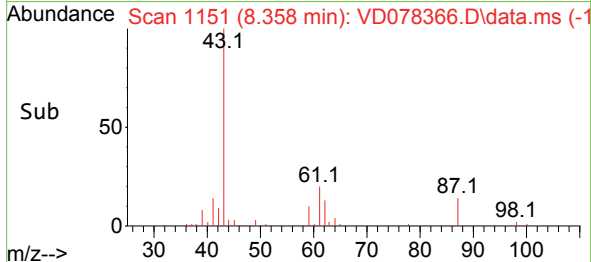
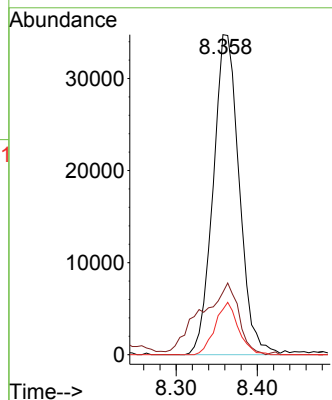
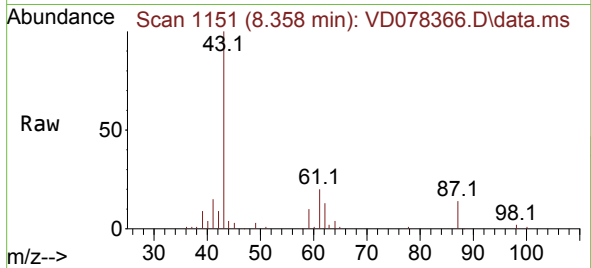




#43
Isopropyl Acetate
Concen: 42.768 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

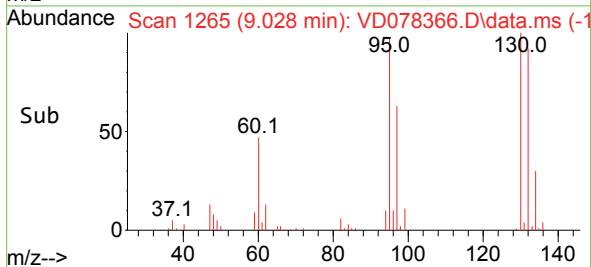
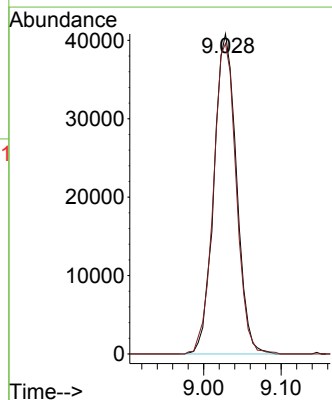
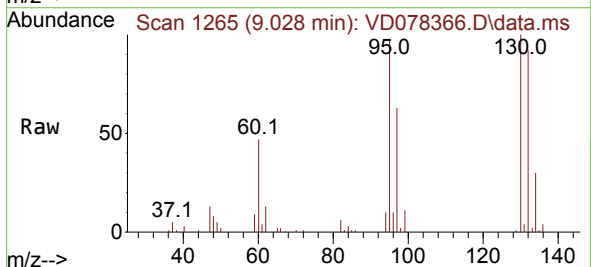
Instrument :
MSVOA_D
ClientSampleId :

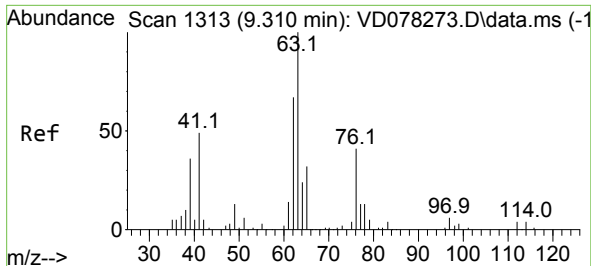
Tgt Ion: 43 Resp: 77485
Ion Ratio Lower Upper
43 100
61 32.5 31.4 47.0
87 14.6 14.9 22.3#



#44
Trichloroethene
Concen: 43.876 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion:130 Resp: 82531
Ion Ratio Lower Upper
130 100
95 97.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 41.393 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

Instrument :

MSVOA_D

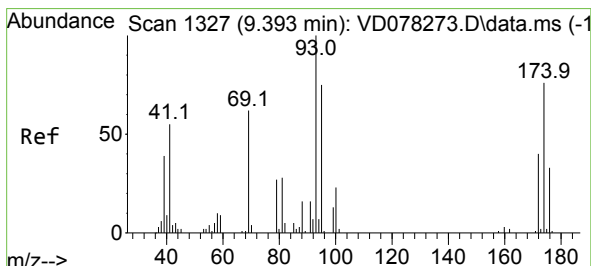
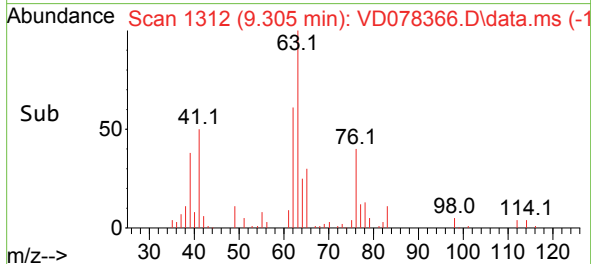
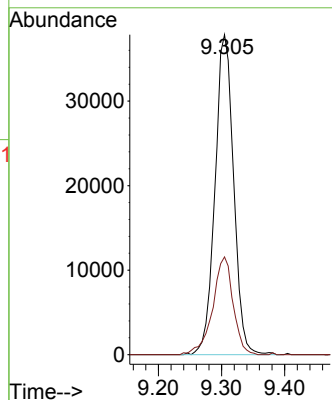
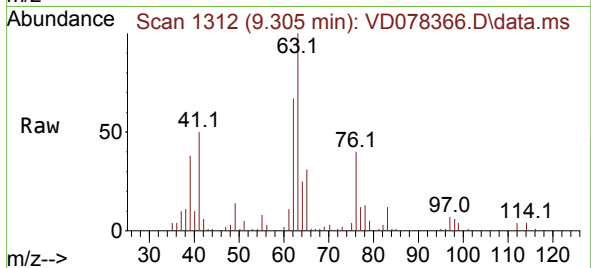
ClientSampleId :

Tgt Ion: 63 Resp: 77527

Ion Ratio Lower Upper

63 100

65 30.5 24.5 36.7



#46

Dibromomethane

Concen: 42.080 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

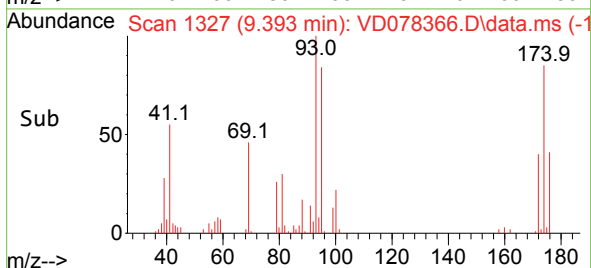
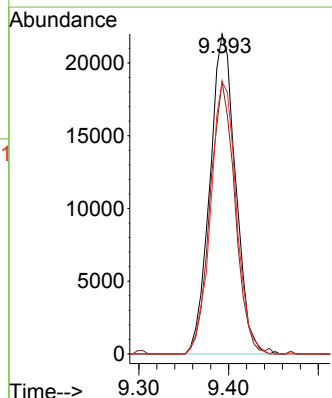
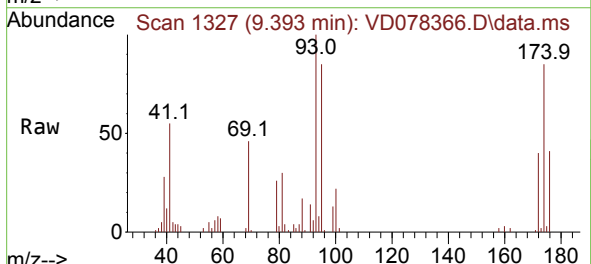
Tgt Ion: 93 Resp: 43729

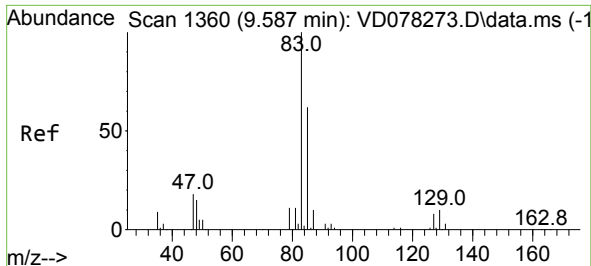
Ion Ratio Lower Upper

93 100

95 82.4 67.7 101.5

174 85.2 85.4 128.2#





#47

Bromodichloromethane

Concen: 41.267 ug/l

RT: 9.587 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

Instrument :

MSVOA_D

ClientSampleId :

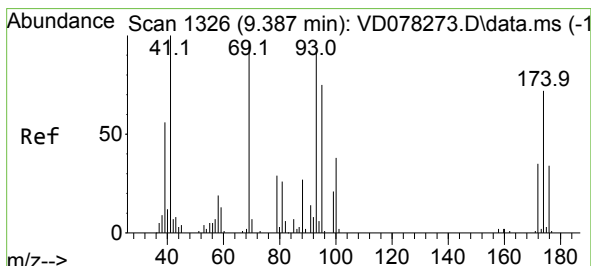
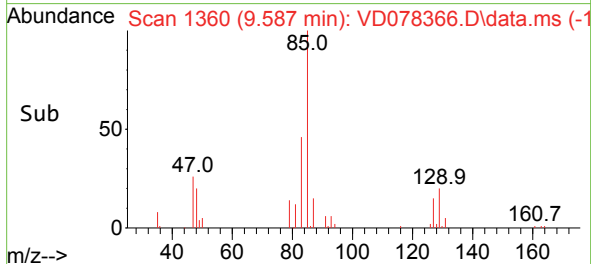
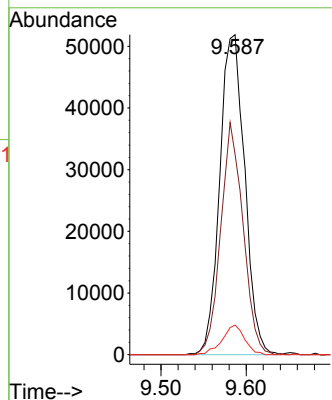
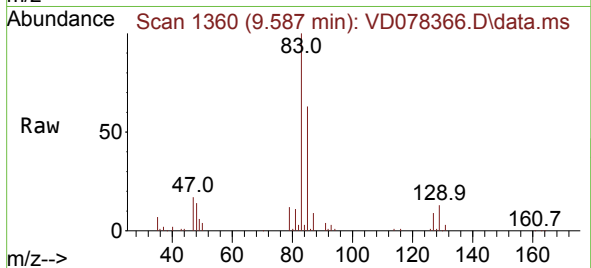
Tgt Ion: 83 Resp: 105509

Ion Ratio Lower Upper

83 100

85 62.6 50.2 75.4

127 9.2 6.3 9.5



#48

Methyl methacrylate

Concen: 43.095 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

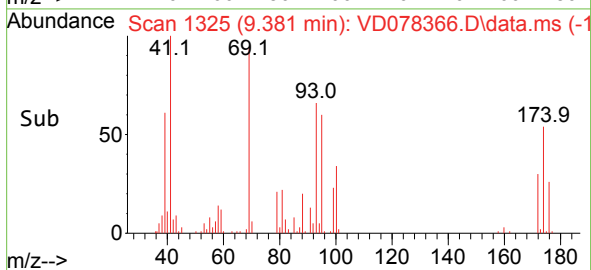
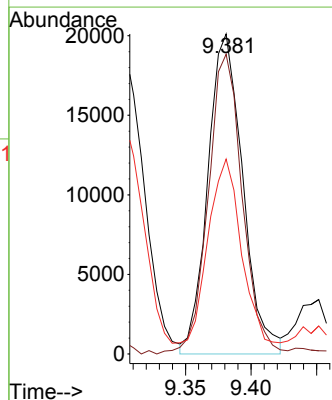
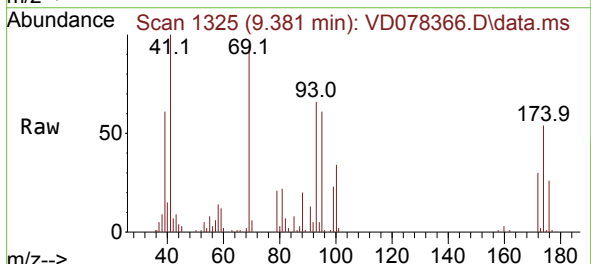
Tgt Ion: 41 Resp: 37309

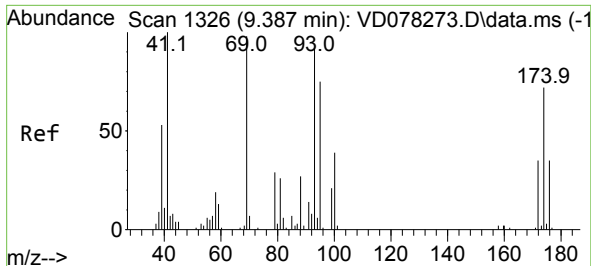
Ion Ratio Lower Upper

41 100

69 91.2 102.2 153.2#

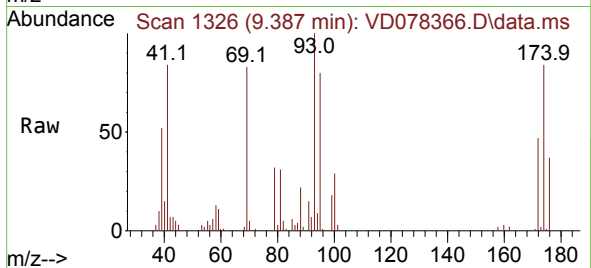
39 54.8 41.4 62.2



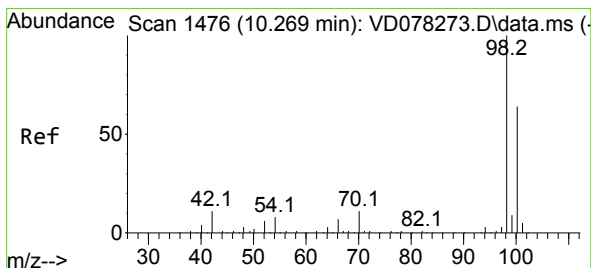
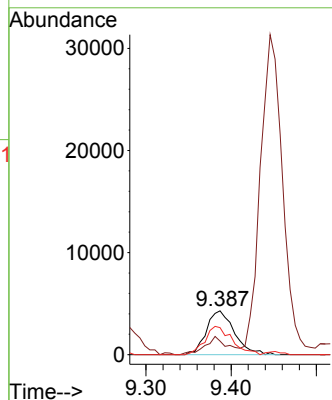
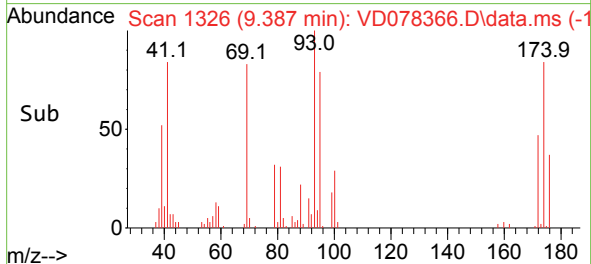


#49
1,4-Dioxane
Concen: 841.203 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Instrument :
MSVOA_D
ClientSampleId :

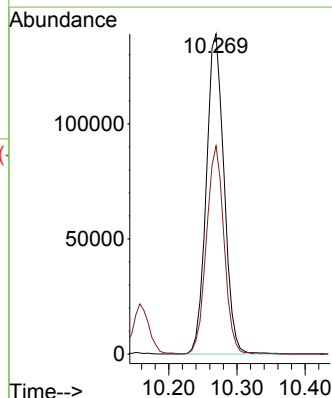
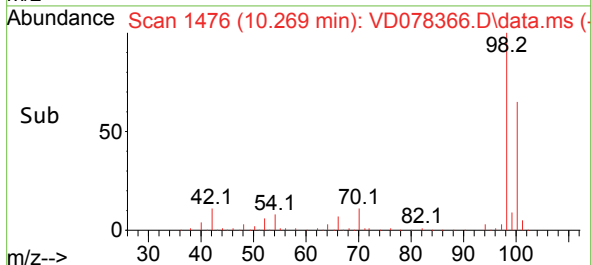
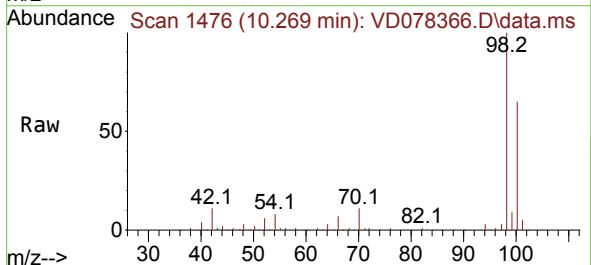


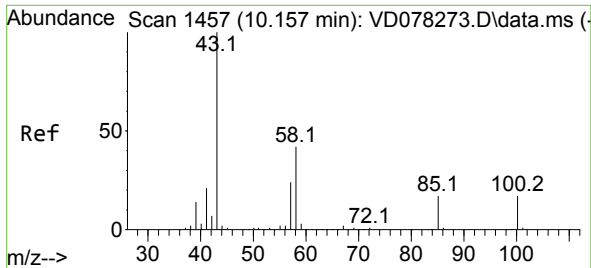
Tgt Ion: 88 Resp: 9806
Ion Ratio Lower Upper
88 100
43 33.8 19.0 28.6#
58 62.2 43.5 65.3



#50
Toluene-d8
Concen: 41.872 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion: 98 Resp: 250987
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5

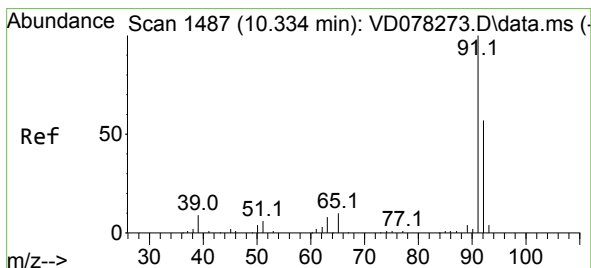
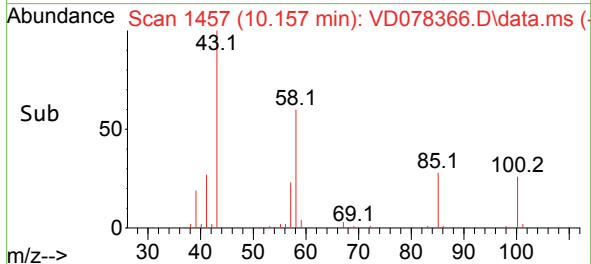
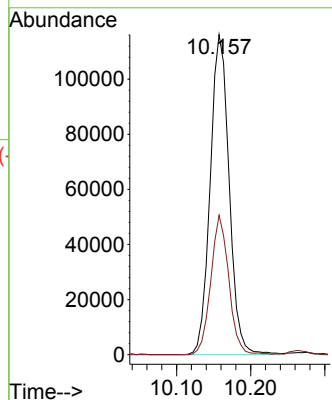
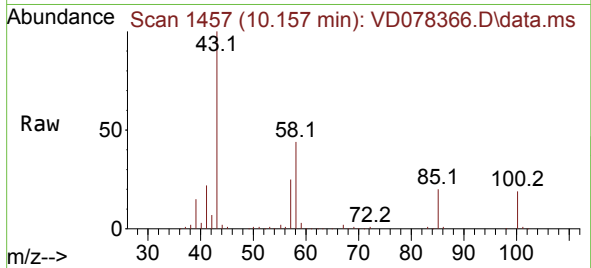




#51
4-Methyl-2-Pentanone
Concen: 210.761 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

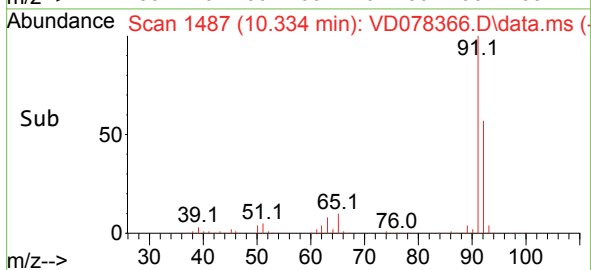
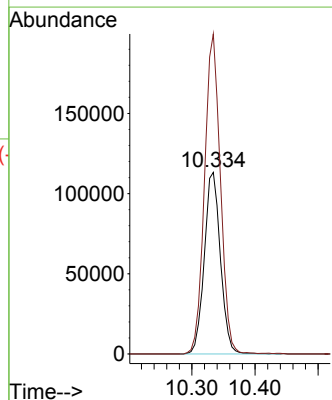
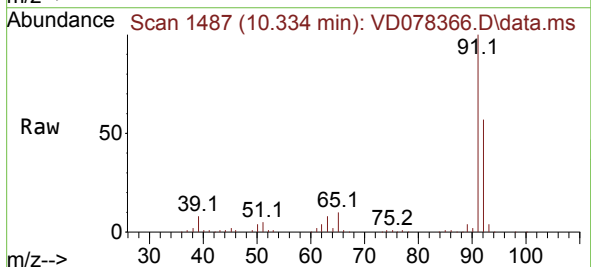
Instrument :
MSVOA_D
ClientSampleId :

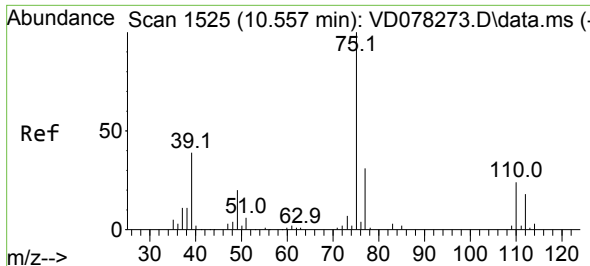
Tgt Ion: 43 Resp: 206563
Ion Ratio Lower Upper
43 100
58 41.5 38.9 58.3



#52
Toluene
Concen: 43.175 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion: 92 Resp: 200608
Ion Ratio Lower Upper
92 100
91 173.7 143.0 214.4

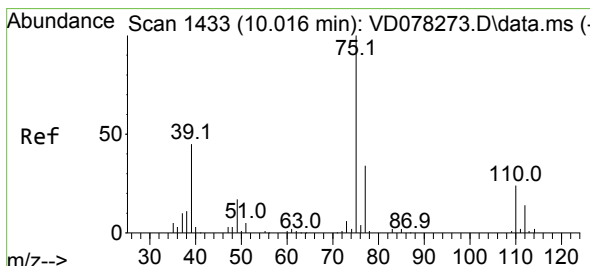
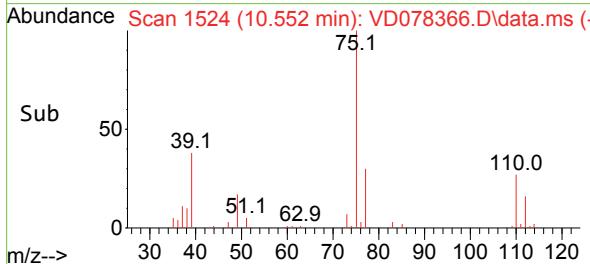
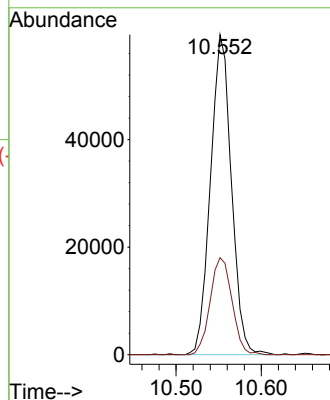
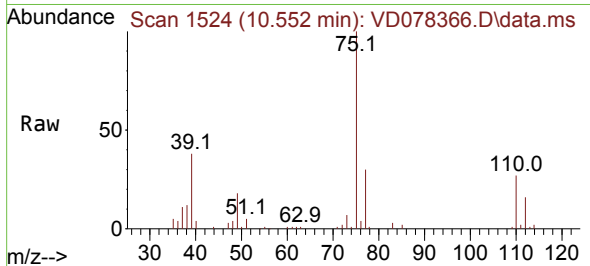




#53
 t-1,3-Dichloropropene
 Concen: 42.482 ug/l
 RT: 10.552 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VD078366.D
 Acq: 08 Feb 2024 13:40

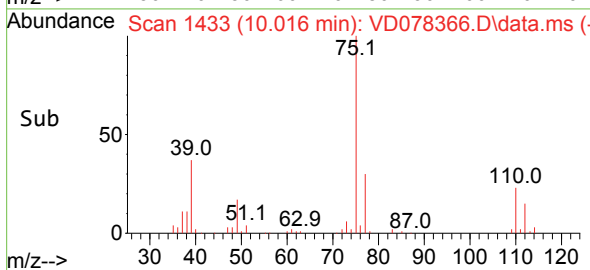
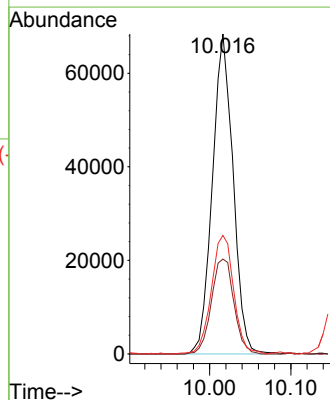
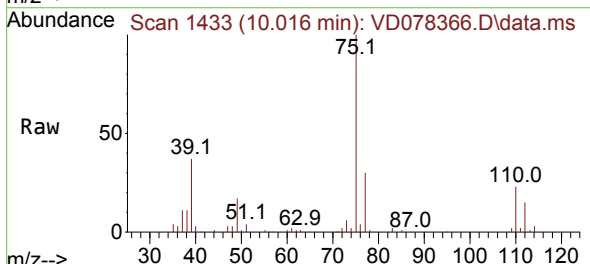
Instrument :
 MSVOA_D
 ClientSampleId :

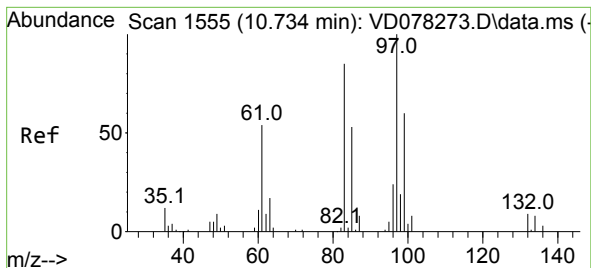
Tgt Ion: 75 Resp: 101451
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 42.804 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078366.D
 Acq: 08 Feb 2024 13:40

Tgt Ion: 75 Resp: 121017
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.5 38.3
 39 36.8 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 42.445 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 57559

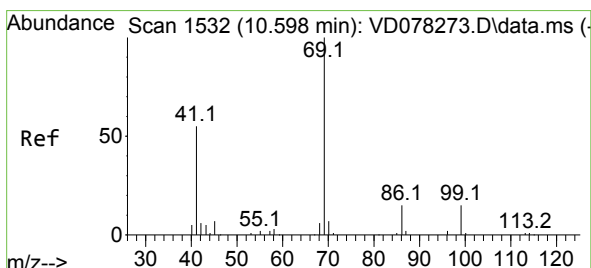
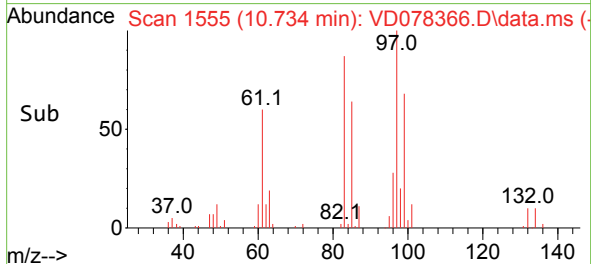
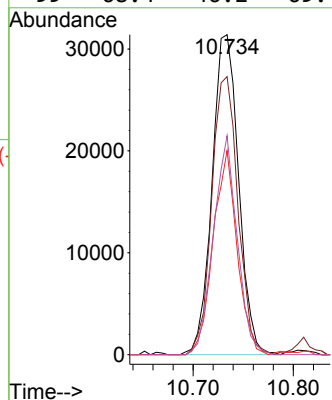
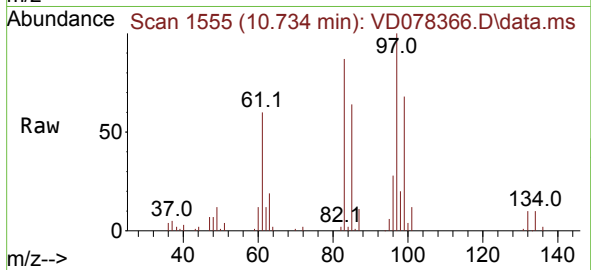
Ion Ratio Lower Upper

97 100

83 86.9 65.8 98.6

85 63.8 45.7 68.5

99 68.4 46.2 69.4



#56

Ethyl methacrylate

Concen: 43.871 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

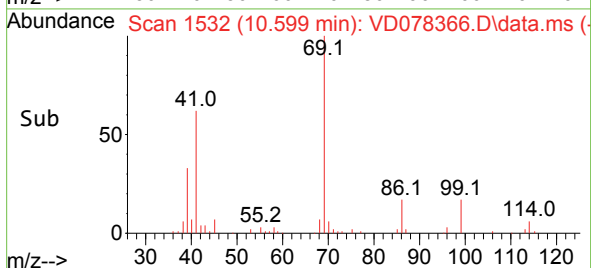
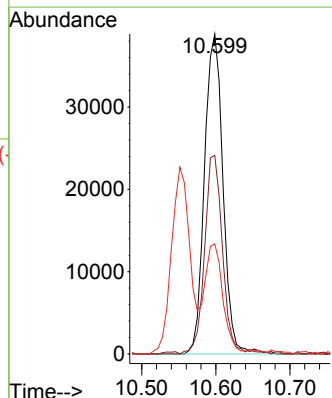
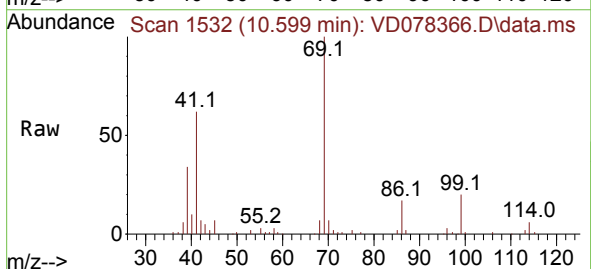
Tgt Ion: 69 Resp: 67480

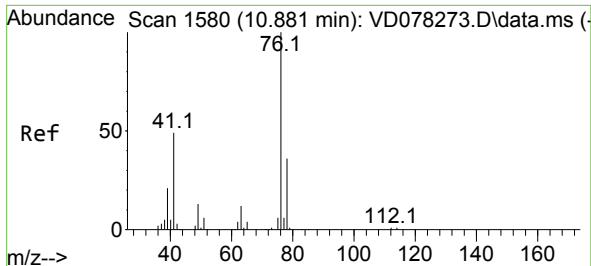
Ion Ratio Lower Upper

69 100

41 60.2 39.1 58.7#

39 33.0 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 41.441 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

Instrument :

MSVOA_D

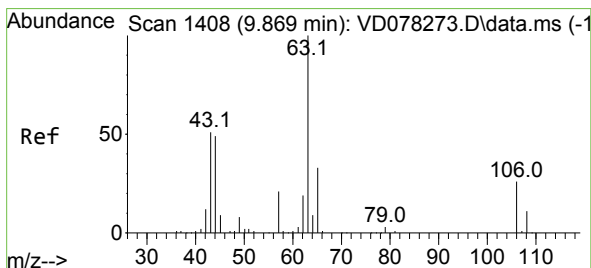
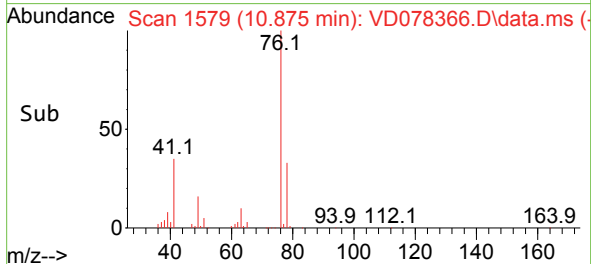
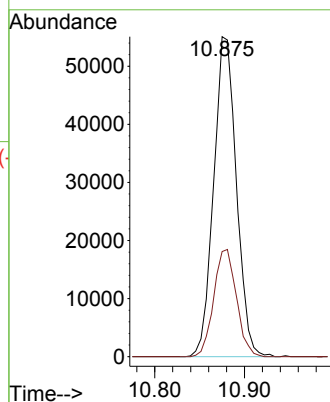
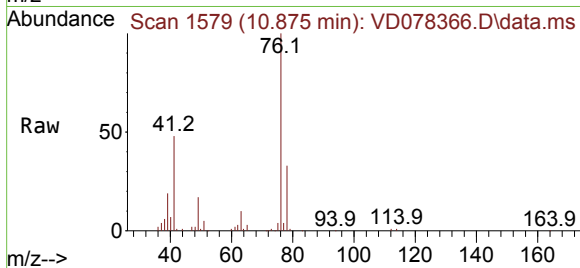
ClientSampleId :

Tgt Ion: 76 Resp: 96900

Ion Ratio Lower Upper

76 100

78 33.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 210.676 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078366.D

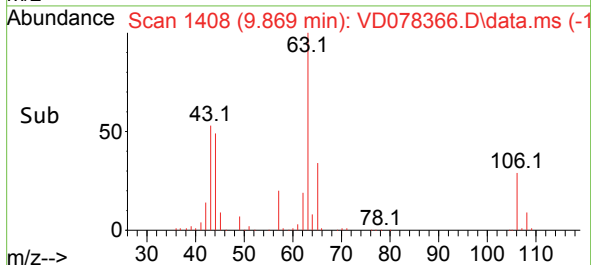
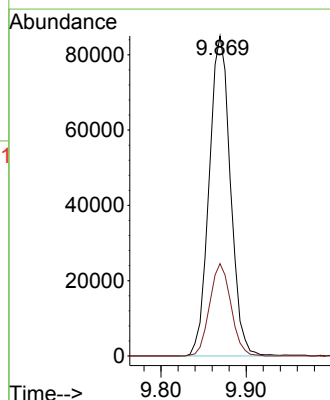
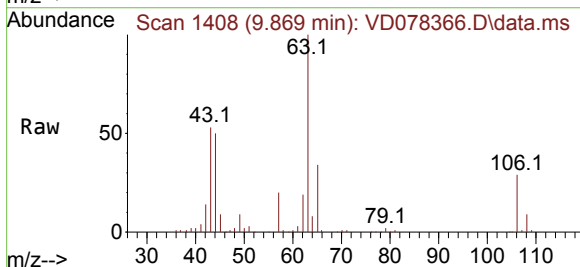
Acq: 08 Feb 2024 13:40

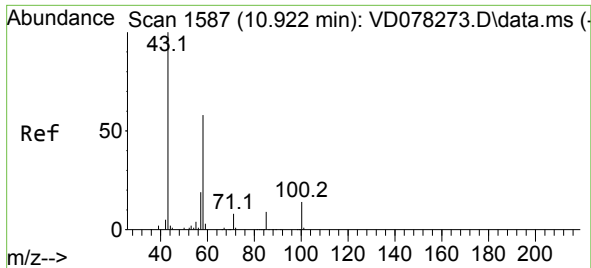
Tgt Ion: 63 Resp: 147365

Ion Ratio Lower Upper

63 100

106 28.9 25.3 37.9

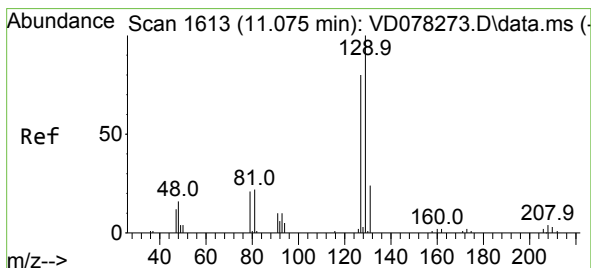
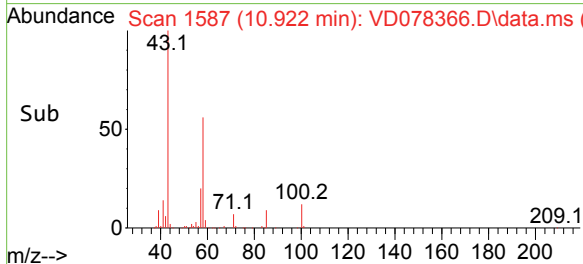
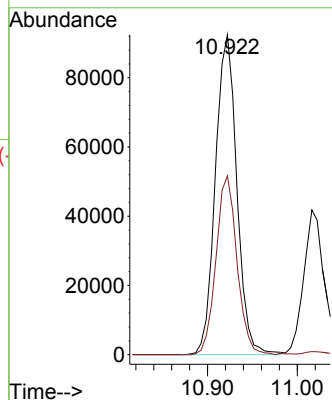
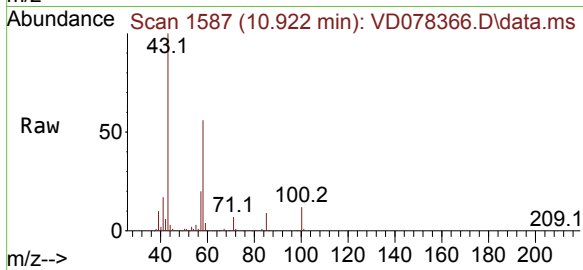




#59
2-Hexanone
Concen: 207.886 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

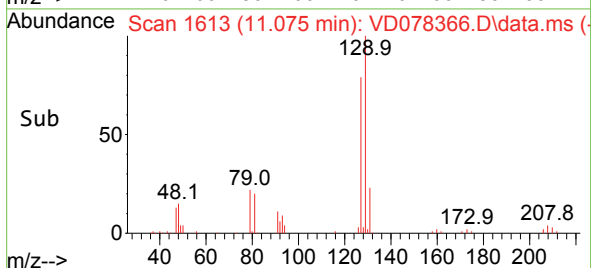
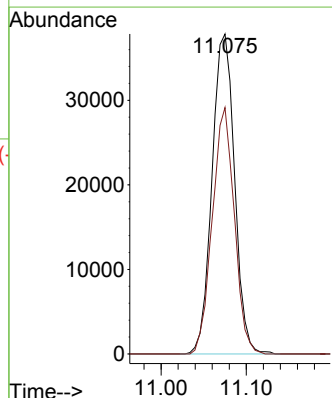
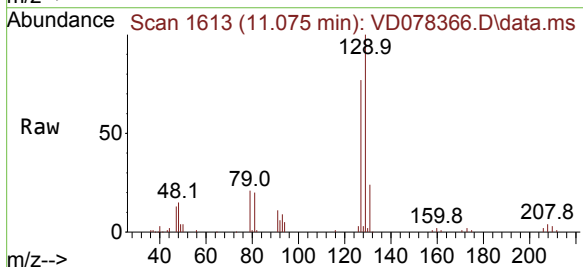
Instrument :
MSVOA_D
ClientSampleId :

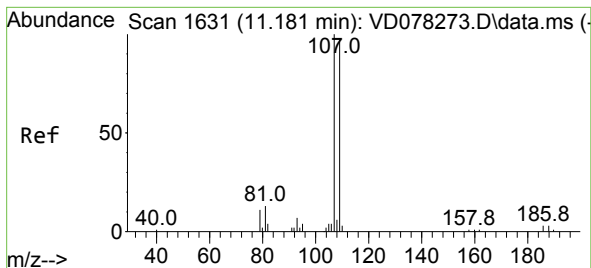
Tgt Ion: 43 Resp: 153447
Ion Ratio Lower Upper
43 100
58 54.6 34.1 102.2



#60
Dibromochloromethane
Concen: 44.192 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion:129 Resp: 69566
Ion Ratio Lower Upper
129 100
127 75.3 37.1 111.5





#61

1,2-Dibromoethane

Concen: 42.278 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

Instrument :

MSVOA_D

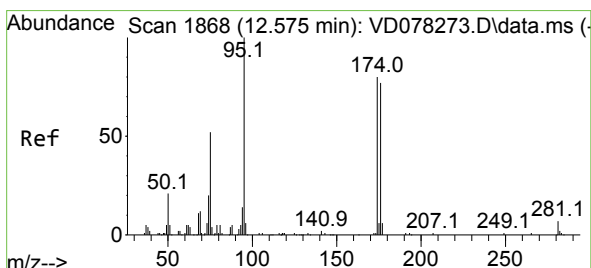
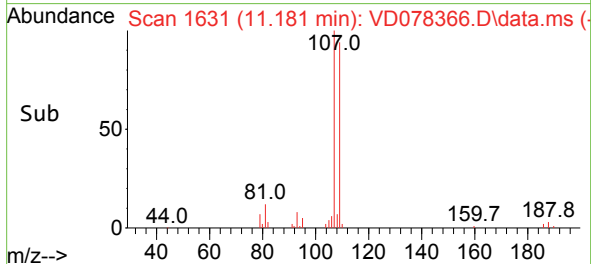
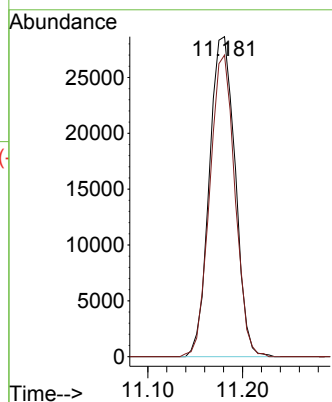
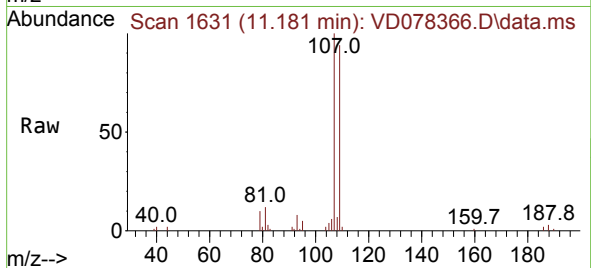
ClientSampleId :

Tgt Ion:107 Resp: 54129

Ion Ratio Lower Upper

107 100

109 91.9 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 42.956 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

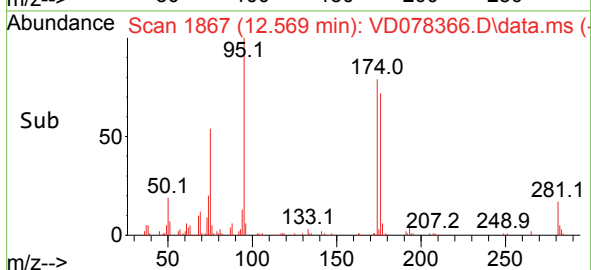
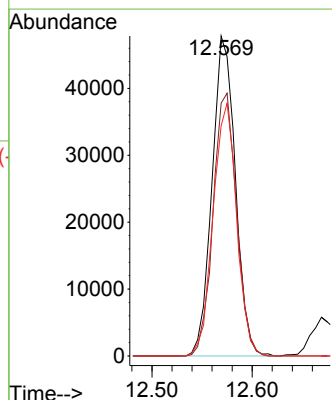
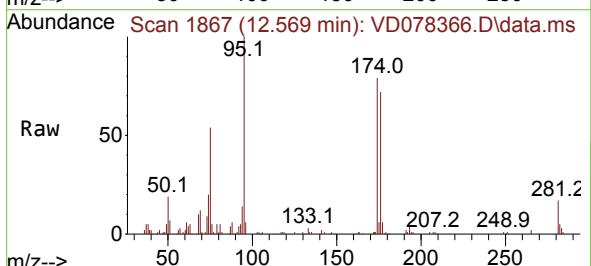
Tgt Ion: 95 Resp: 77110

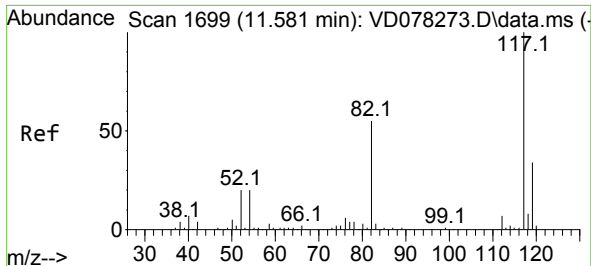
Ion Ratio Lower Upper

95 100

174 83.3 0.0 201.8

176 79.9 0.0 191.8

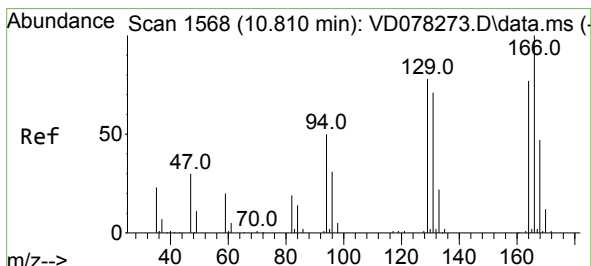
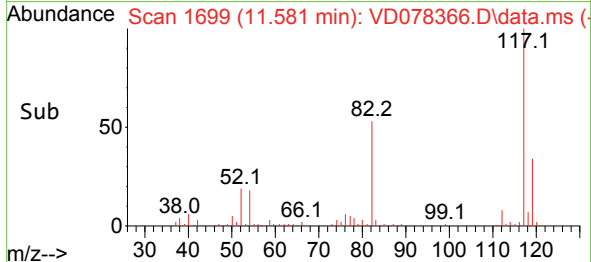
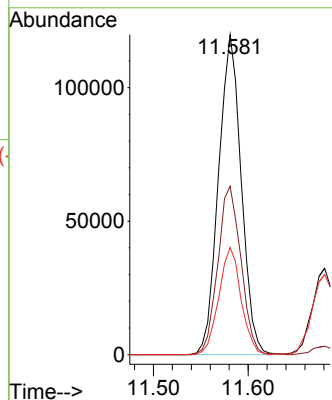
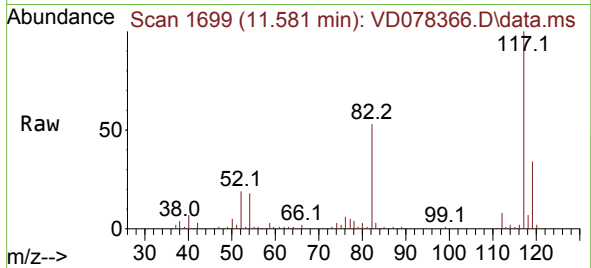




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

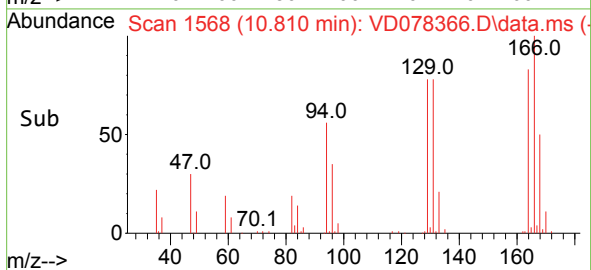
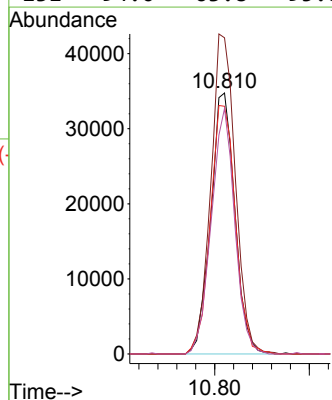
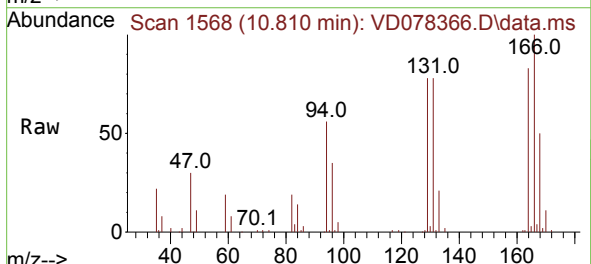
Instrument :
MSVOA_D
ClientSampleId :

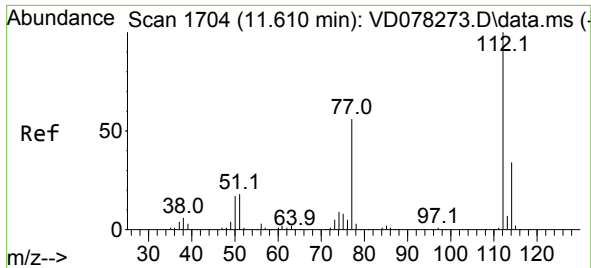
Tgt Ion:117 Resp: 199845
Ion Ratio Lower Upper
117 100
82 52.6 38.3 57.5
119 33.5 25.0 37.4



#64
Tetrachloroethene
Concen: 44.224 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion:164 Resp: 61642
Ion Ratio Lower Upper
164 100
166 121.1 99.2 148.8
129 94.9 68.4 102.6
131 94.0 63.8 95.8

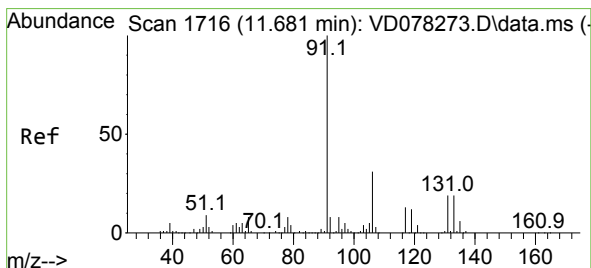
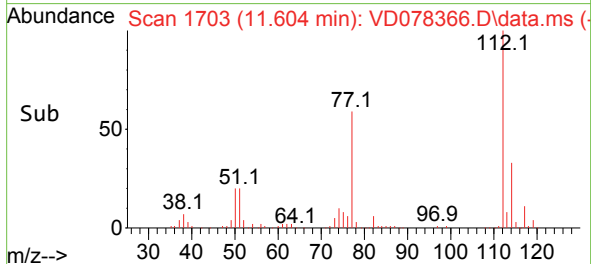
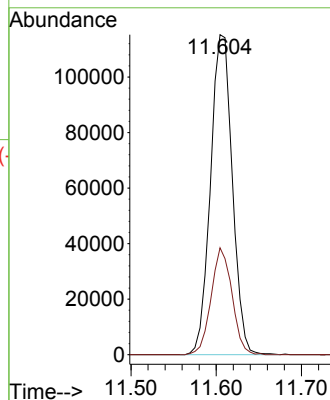
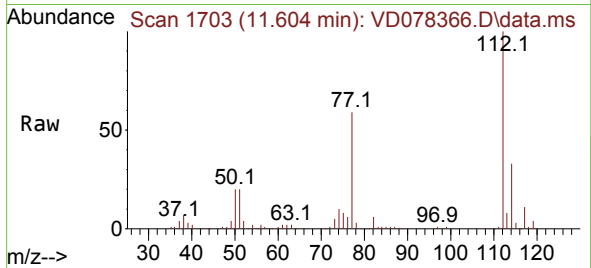




#65
Chlorobenzene
Concen: 42.874 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

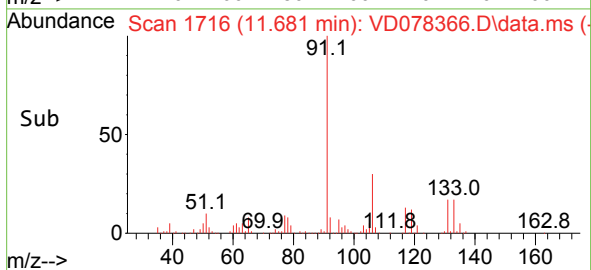
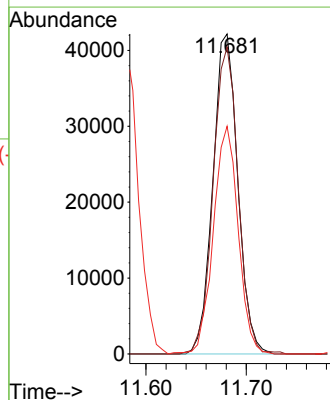
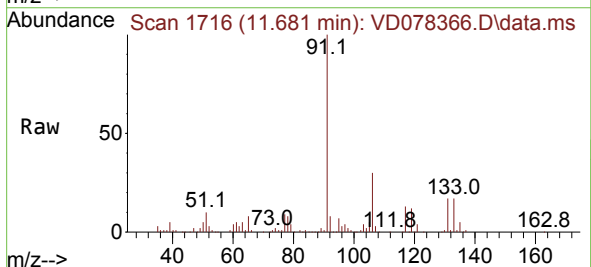
Instrument :
MSVOA_D
ClientSampleId :

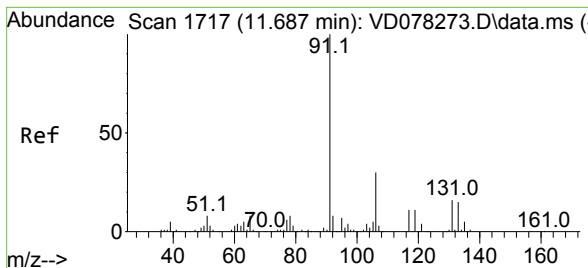
Tgt Ion:112 Resp: 204985
Ion Ratio Lower Upper
112 100
114 33.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 42.757 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion:131 Resp: 72784
Ion Ratio Lower Upper
131 100
133 96.5 48.5 145.5
119 70.8 35.6 106.9





#67

Ethyl Benzene

Concen: 44.040 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

Instrument :

MSVOA_D

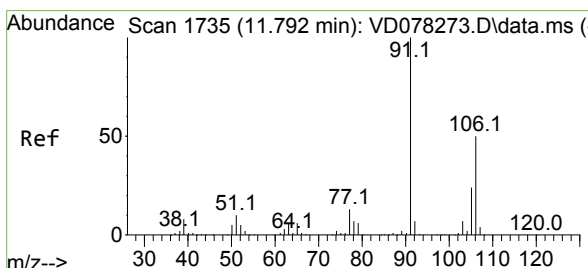
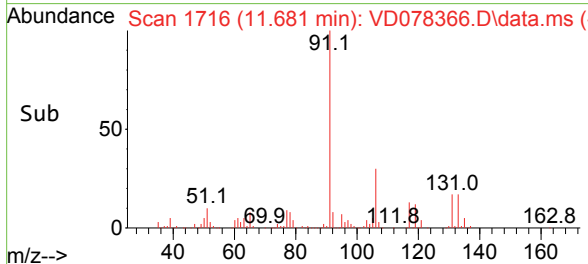
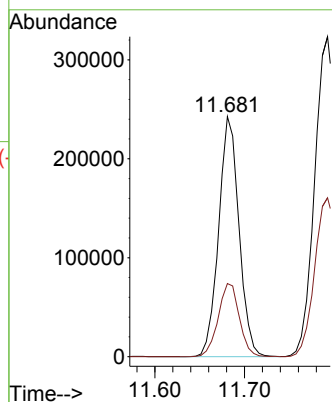
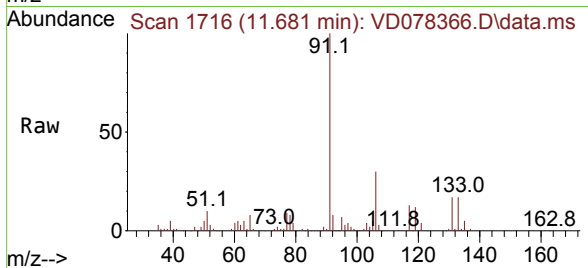
ClientSampleId :

Tgt Ion: 91 Resp: 381409

Ion Ratio Lower Upper

91 100

106 30.4 26.5 39.7



#68

m/p-Xylenes

Concen: 90.100 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078366.D

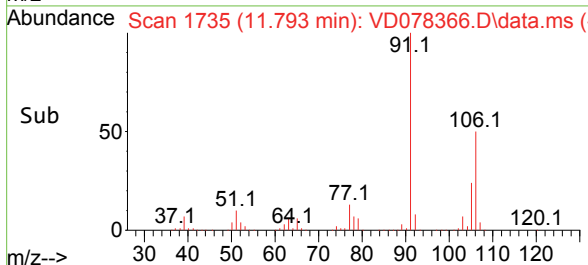
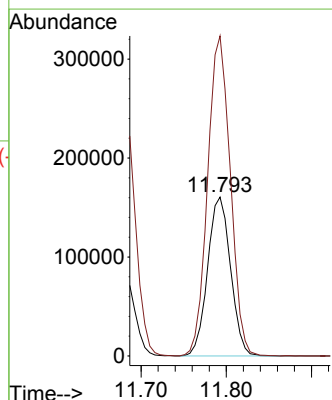
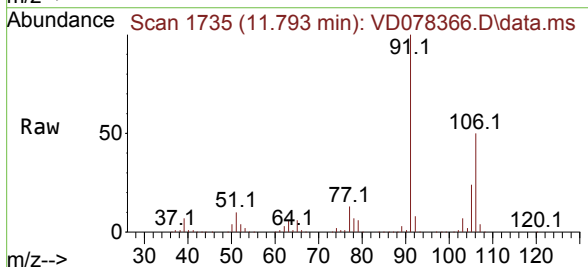
Acq: 08 Feb 2024 13:40

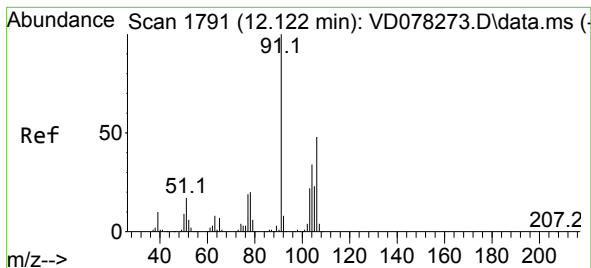
Tgt Ion:106 Resp: 300206

Ion Ratio Lower Upper

106 100

91 199.4 147.0 220.6





#69

o-Xylene

Concen: 44.419 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

Instrument :

MSVOA_D

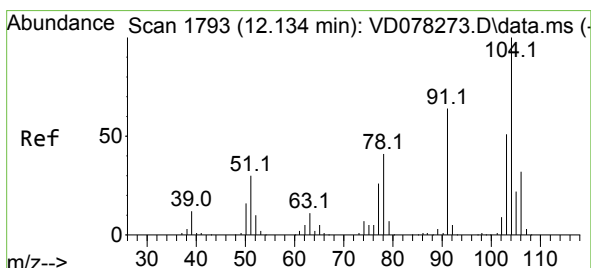
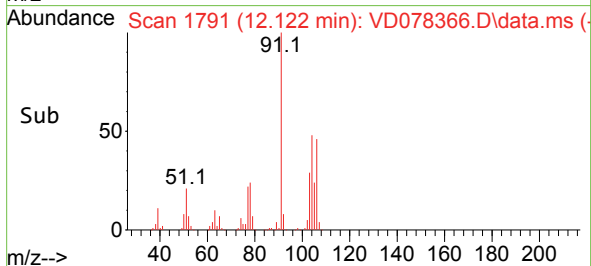
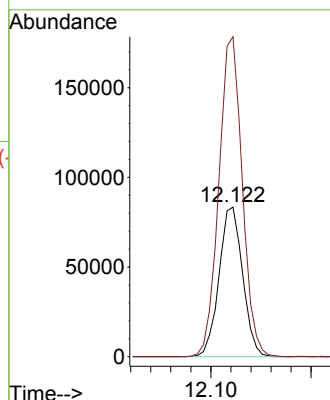
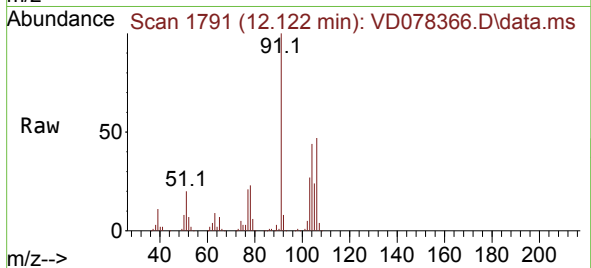
ClientSampleId :

Tgt Ion:106 Resp: 136012

Ion Ratio Lower Upper

106 100

91 212.8 97.9 293.6



#70

Styrene

Concen: 45.568 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

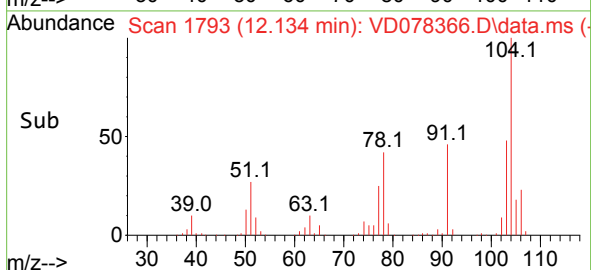
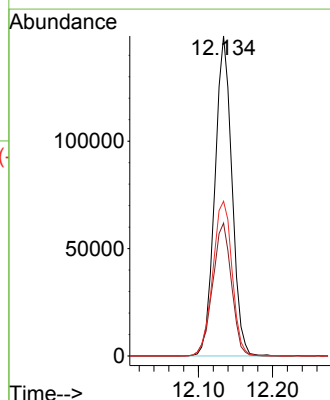
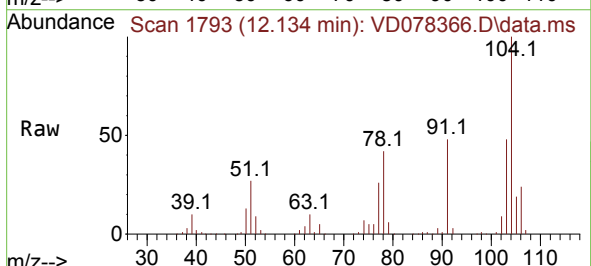
Tgt Ion:104 Resp: 238288

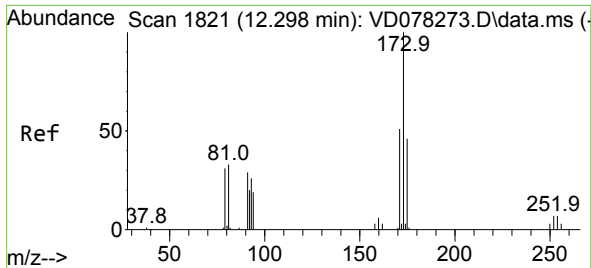
Ion Ratio Lower Upper

104 100

78 45.6 33.2 49.8

103 54.6 43.6 65.4

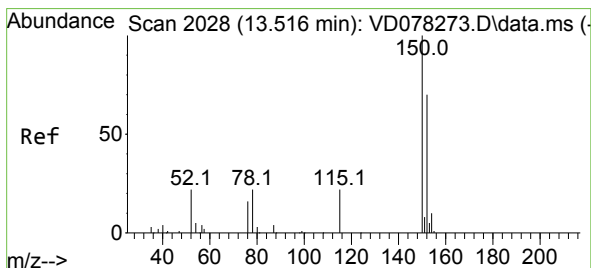
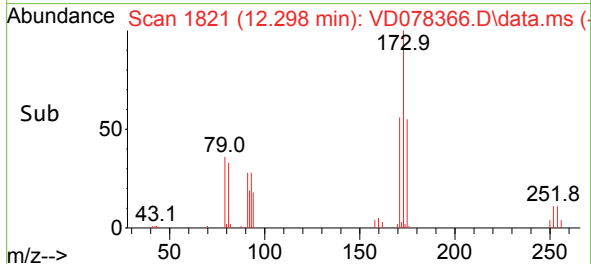
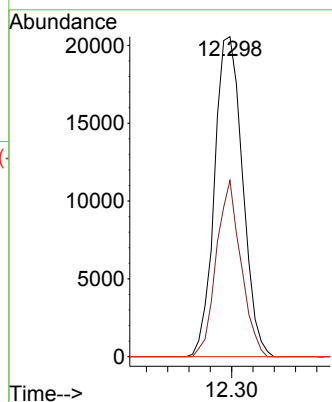
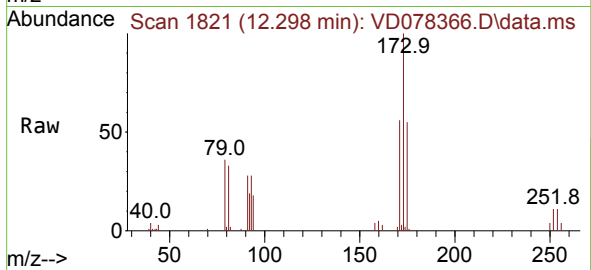




#71
Bromoform
Concen: 44.872 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

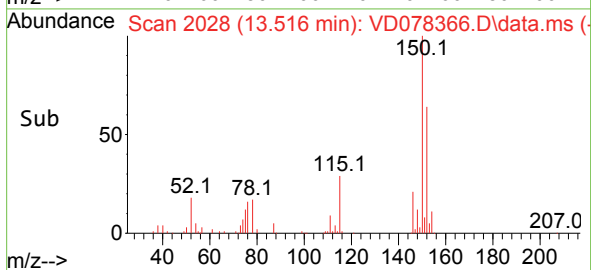
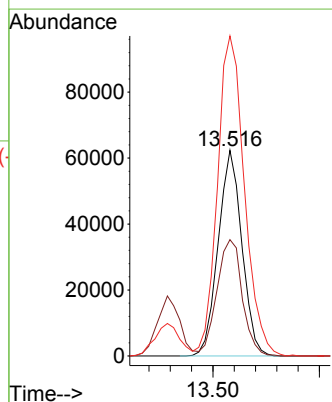
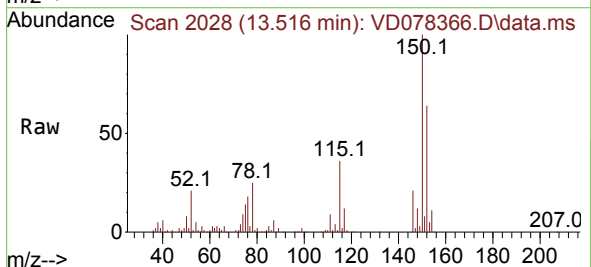
Instrument :
MSVOA_D
ClientSampleId :

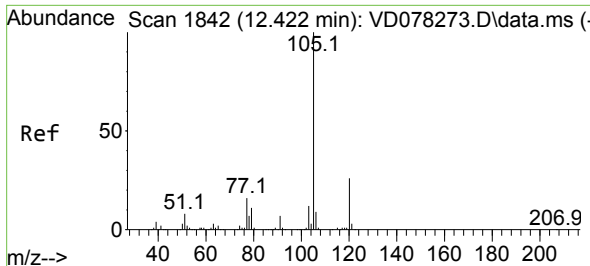
Tgt Ion:173 Resp: 37620
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion:152 Resp: 96197
Ion Ratio Lower Upper
152 100
115 60.3 27.1 81.3
150 177.3 0.0 353.6

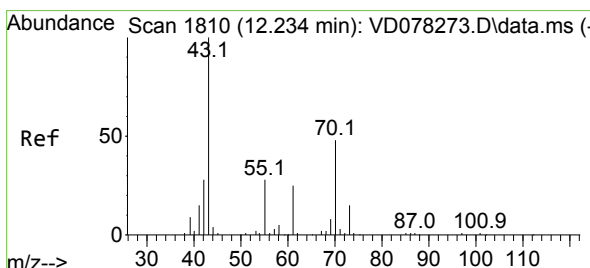
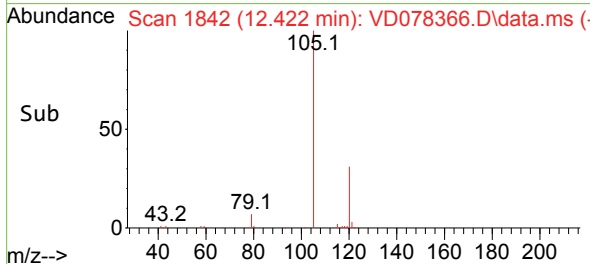
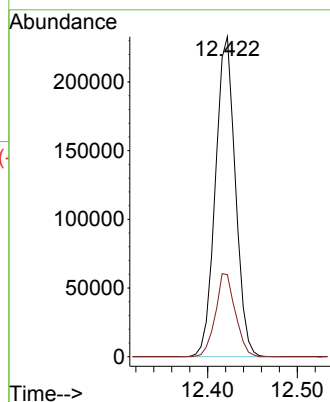
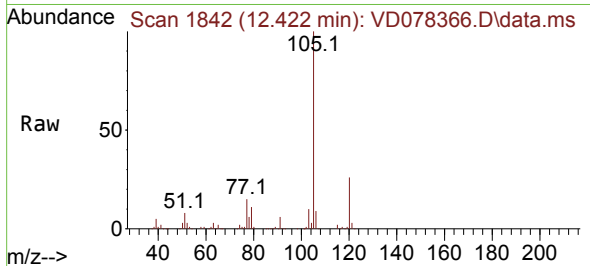




#73
Isopropylbenzene
Concen: 44.156 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

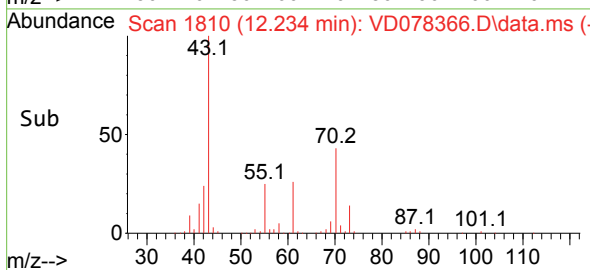
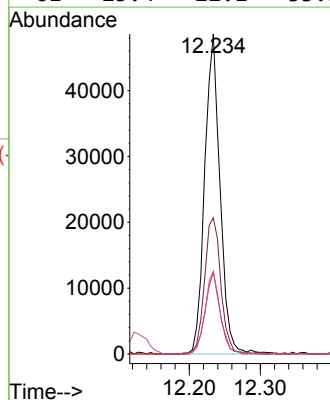
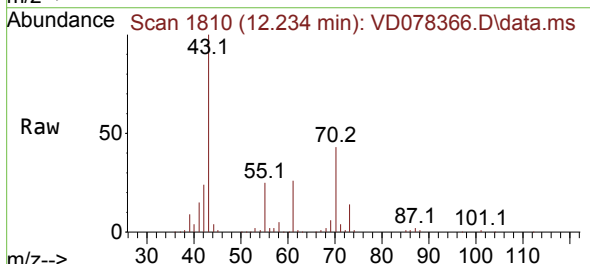
Instrument :
MSVOA_D
ClientSampleId :

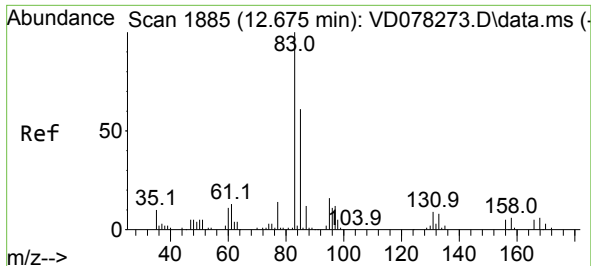
Tgt Ion:105 Resp: 359387
Ion Ratio Lower Upper
105 100
120 25.9 14.3 42.9



#74
N-ethyl acetate
Concen: 43.416 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion: 43 Resp: 73083
Ion Ratio Lower Upper
43 100
70 45.0 45.0 67.4
55 25.2 23.8 35.6
61 25.4 22.1 33.1

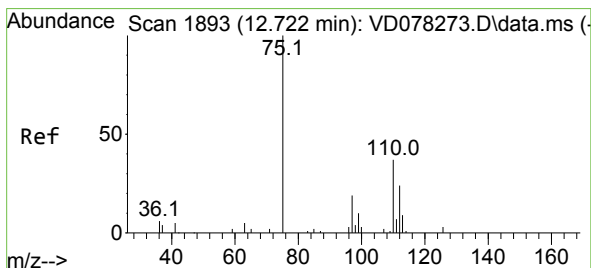
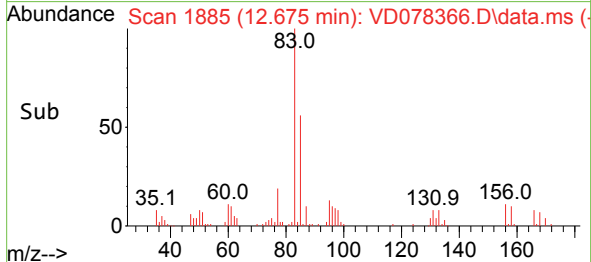
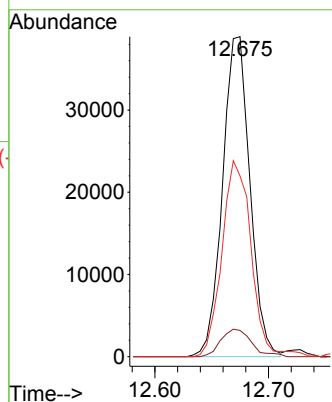
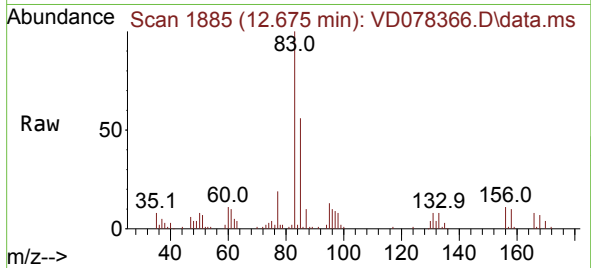




#75
1,1,2,2-Tetrachloroethane
Concen: 41.517 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

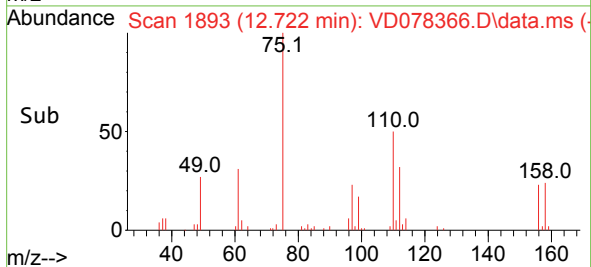
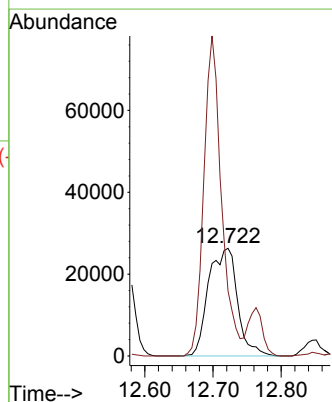
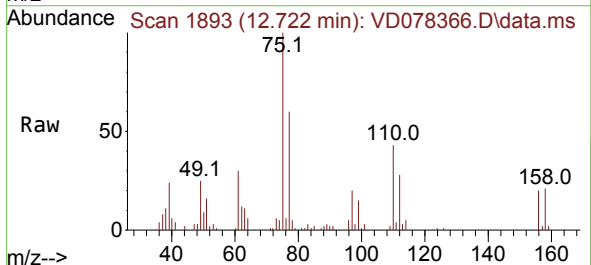
Instrument :
MSVOA_D
ClientSampleId :

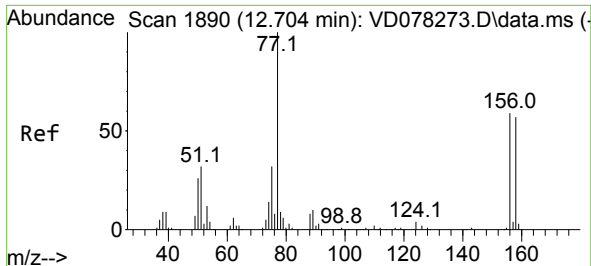
Tgt Ion: 83 Resp: 65256
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 65.2 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 77.183 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion: 75 Resp: 77603
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

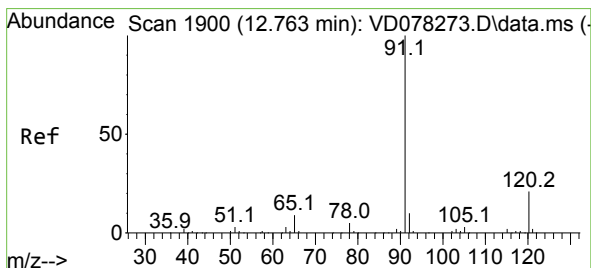
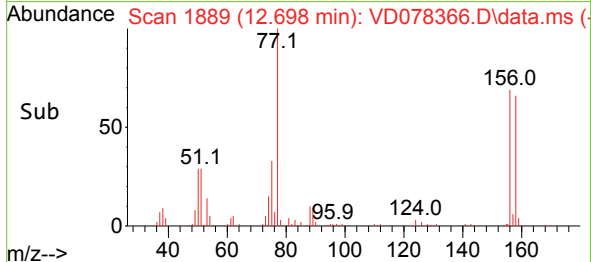
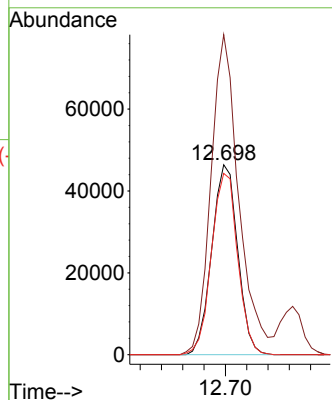
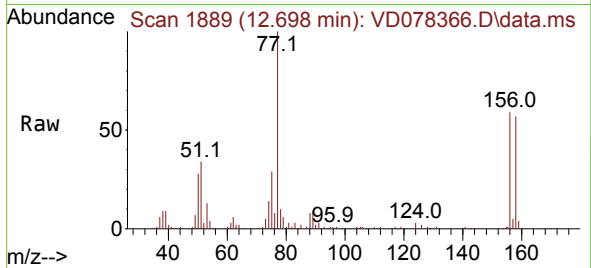




#77
Bromobenzene
Concen: 43.647 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

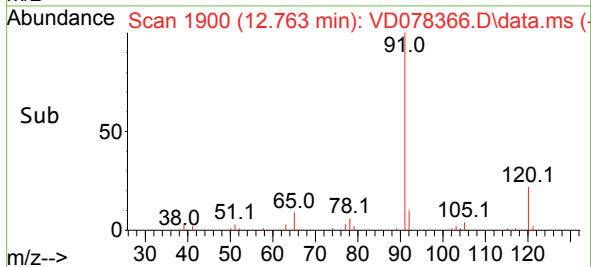
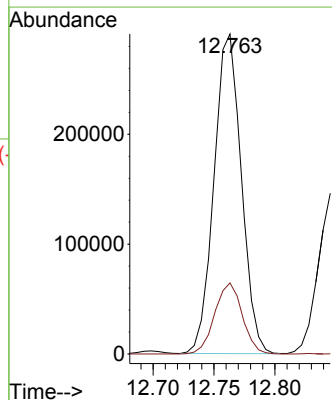
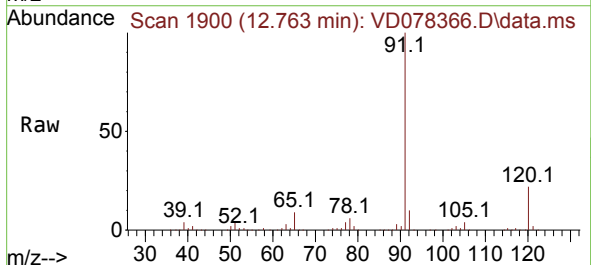
Instrument :
MSVOA_D
ClientSampleId :

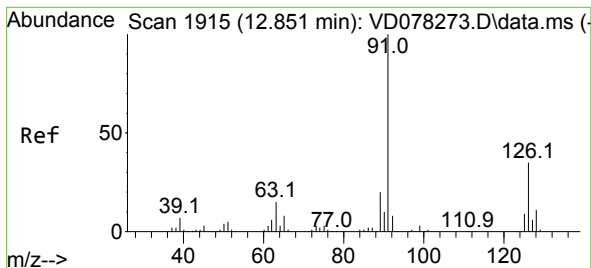
Tgt Ion:156 Resp: 78175
Ion Ratio Lower Upper
156 100
77 180.1 76.8 230.4
158 96.6 48.6 145.9



#78
n-propylbenzene
Concen: 44.778 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion: 91 Resp: 453999
Ion Ratio Lower Upper
91 100
120 22.4 12.4 37.2





#79

2-Chlorotoluene

Concen: 44.314 ug/l

RT: 12.846 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

Instrument :

MSVOA_D

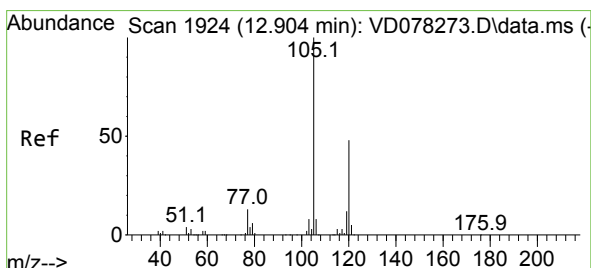
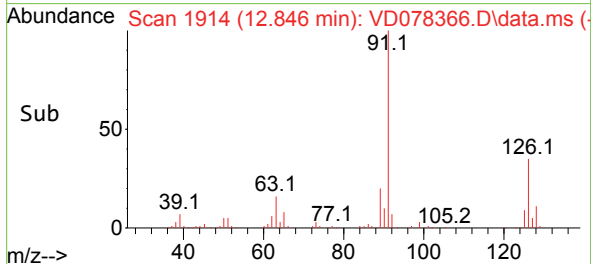
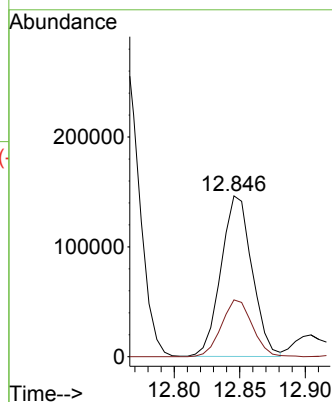
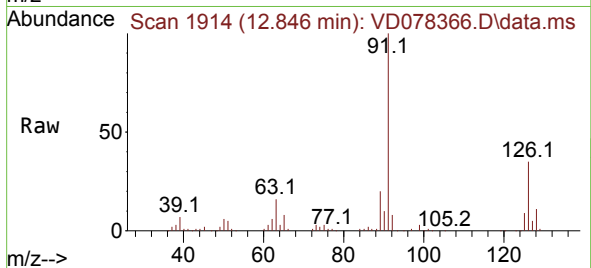
ClientSampleId :

Tgt Ion: 91 Resp: 240509

Ion Ratio Lower Upper

91 100

126 35.3 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 45.117 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078366.D

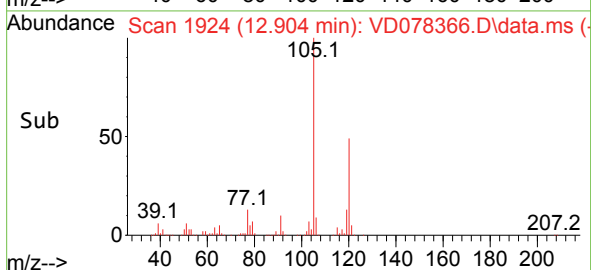
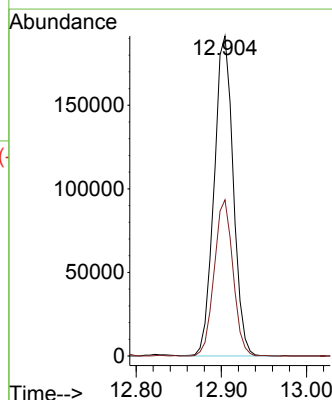
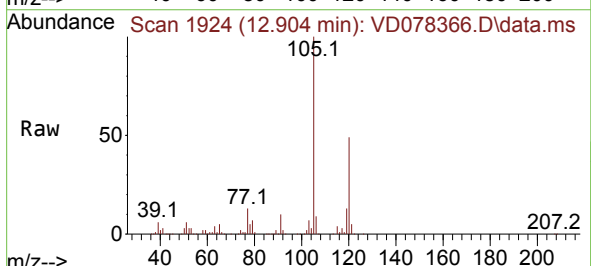
Acq: 08 Feb 2024 13:40

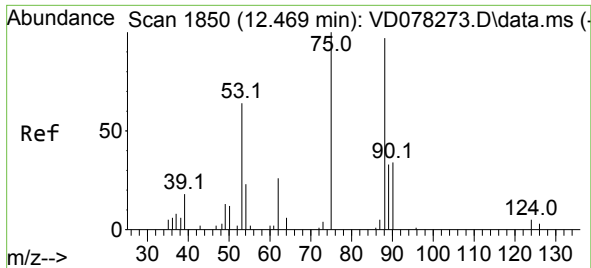
Tgt Ion:105 Resp: 298733

Ion Ratio Lower Upper

105 100

120 47.9 26.4 79.2

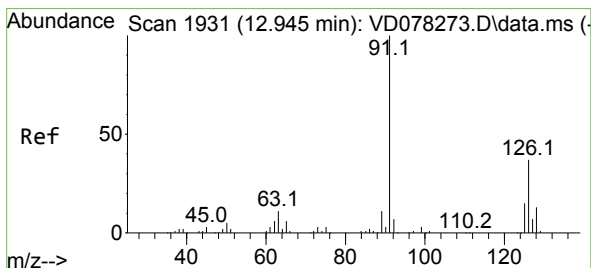
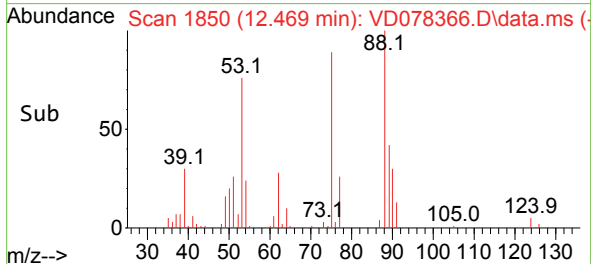
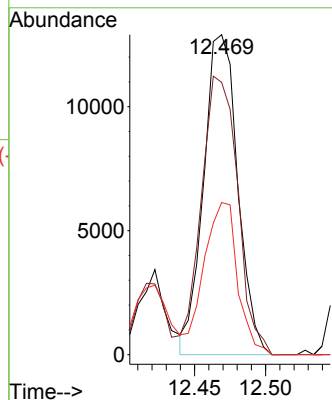
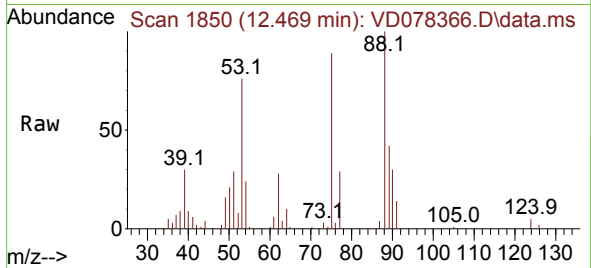




#81
trans-1,4-Dichloro-2-butene
Concen: 42.532 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

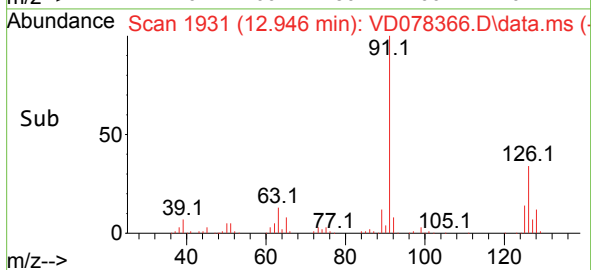
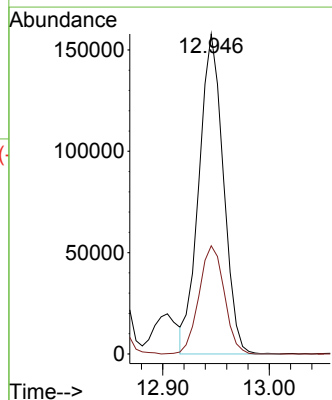
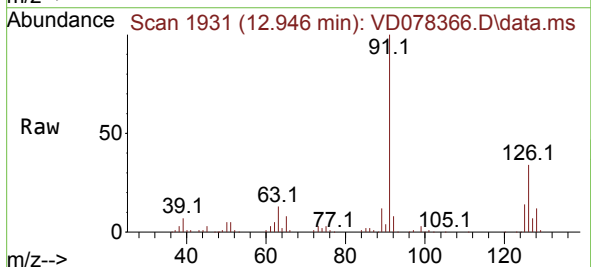
Instrument :
MSVOA_D
ClientSampleId :

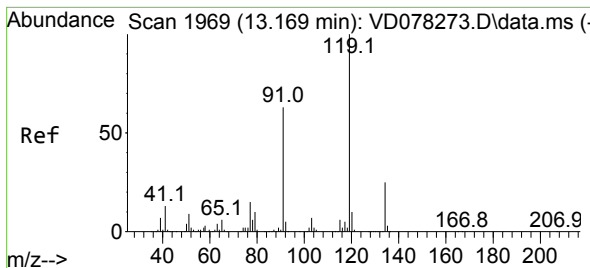
Tgt Ion: 75 Resp: 21502
Ion Ratio Lower Upper
75 100
53 93.9 63.0 94.4
89 47.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 43.510 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion: 91 Resp: 251755
Ion Ratio Lower Upper
91 100
126 34.9 19.4 58.4





#83

tert-Butylbenzene

Concen: 45.164 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

Instrument :

MSVOA_D

ClientSampleId :

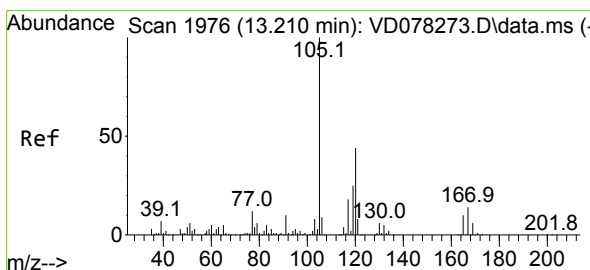
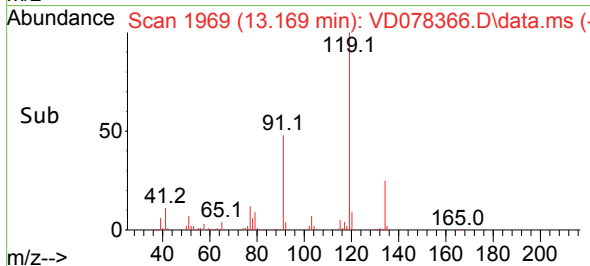
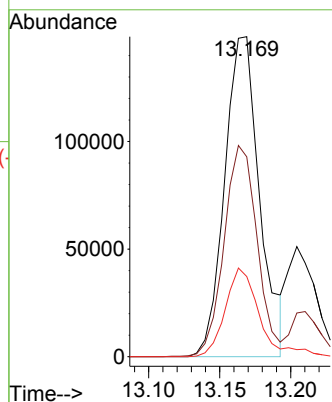
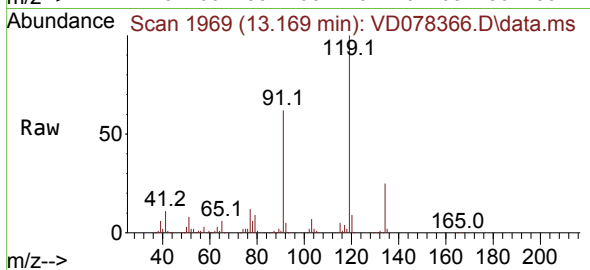
Tgt Ion:119 Resp: 255168

Ion Ratio Lower Upper

119 100

91 62.5 29.3 87.8

134 27.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 44.900 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078366.D

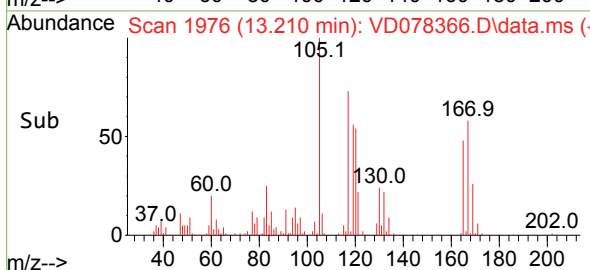
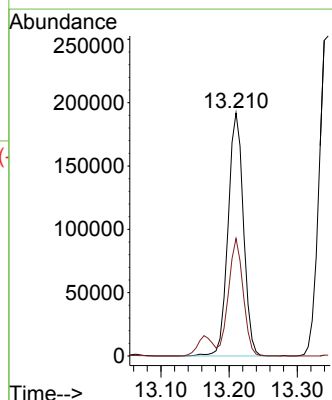
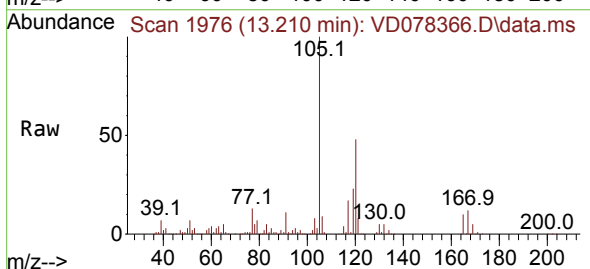
Acq: 08 Feb 2024 13:40

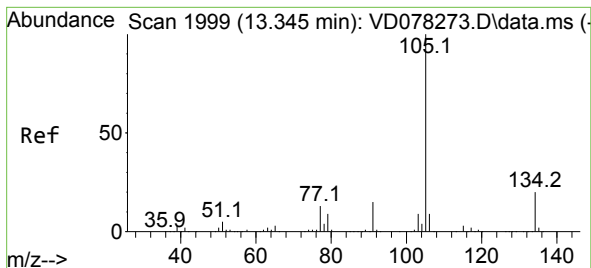
Tgt Ion:105 Resp: 300788

Ion Ratio Lower Upper

105 100

120 46.3 24.3 72.9





#85

sec-Butylbenzene

Concen: 44.584 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

Instrument :

MSVOA_D

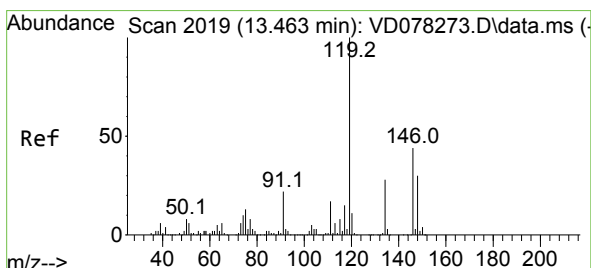
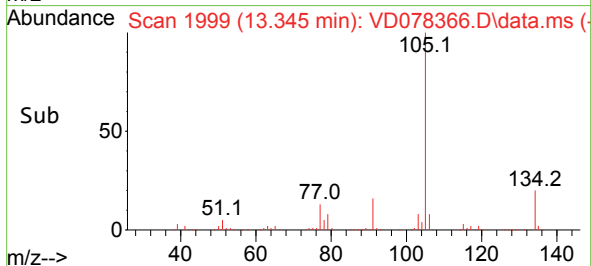
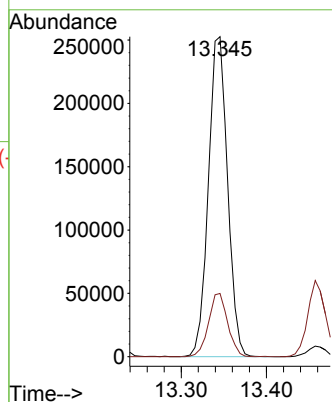
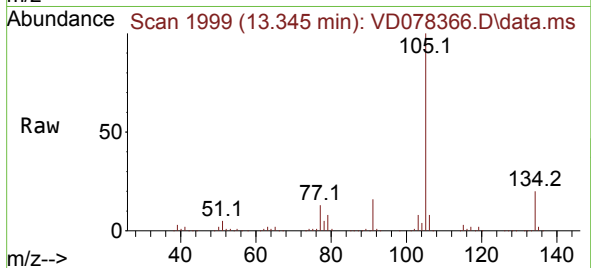
ClientSampleId :

Tgt Ion:105 Resp: 395335

Ion Ratio Lower Upper

105 100

134 19.7 10.9 32.9



#86

p-Isopropyltoluene

Concen: 45.333 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

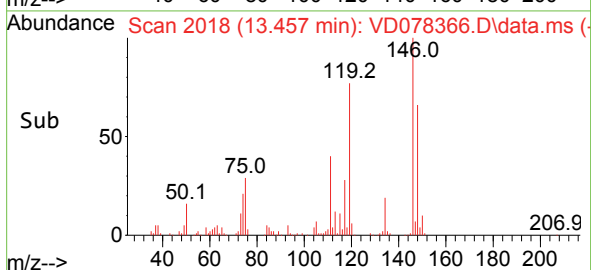
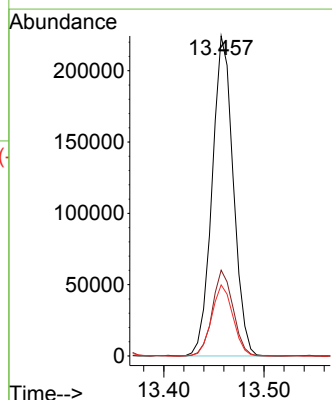
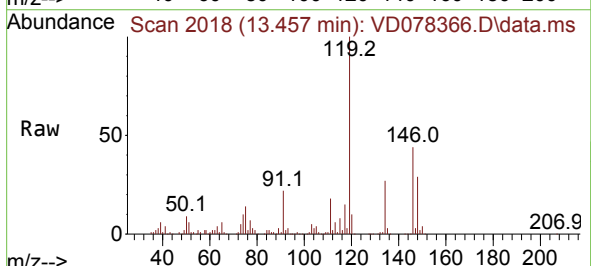
Tgt Ion:119 Resp: 329236

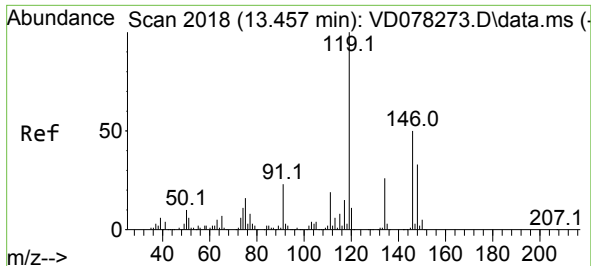
Ion Ratio Lower Upper

119 100

134 26.2 14.2 42.6

91 22.4 10.5 31.5

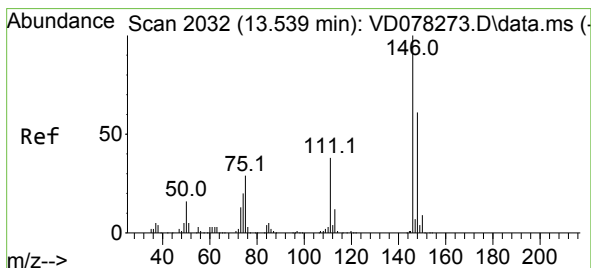
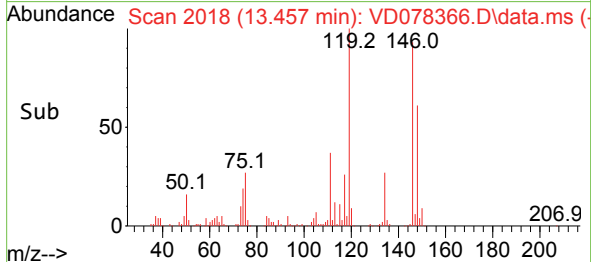
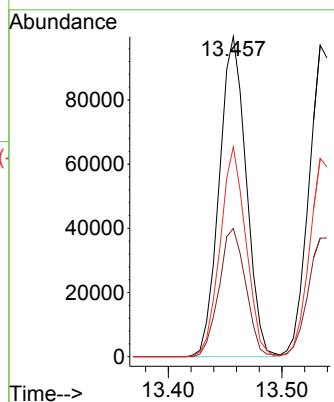
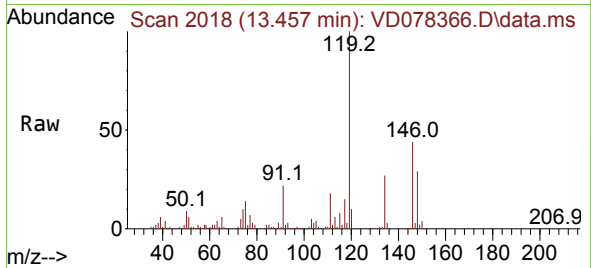




#87
1,3-Dichlorobenzene
Concen: 44.139 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

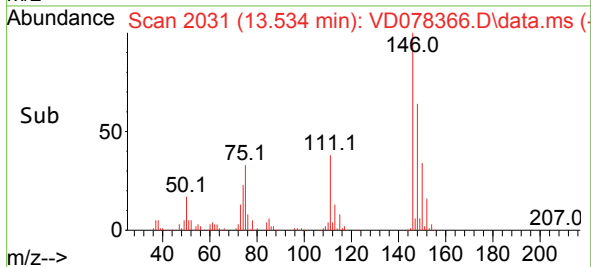
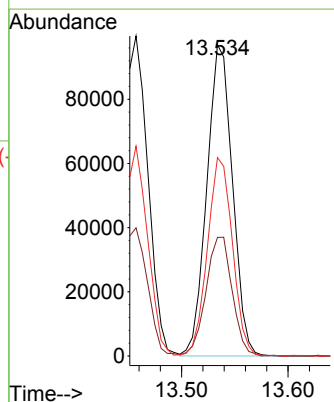
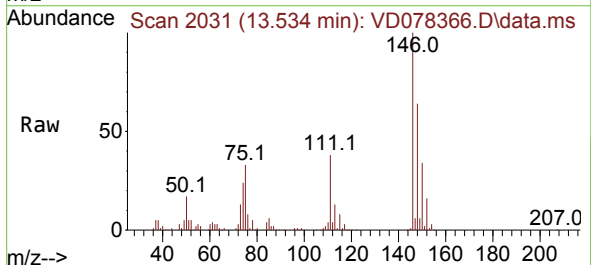
Instrument :
MSVOA_D
ClientSampleId :

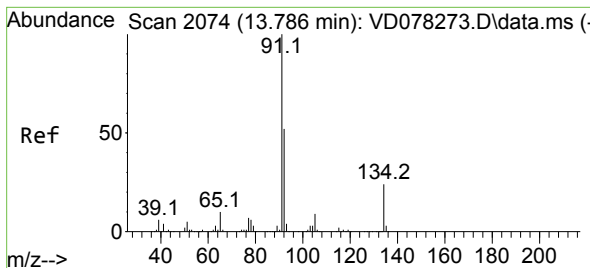
Tgt Ion:146 Resp: 164238
Ion Ratio Lower Upper
146 100
111 39.7 17.9 53.8
148 62.6 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 44.043 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

Tgt Ion:146 Resp: 162145
Ion Ratio Lower Upper
146 100
111 39.2 17.4 52.3
148 62.4 31.7 95.1





#89

n-Butylbenzene

Concen: 44.926 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

Instrument :

MSVOA_D

ClientSampleId :

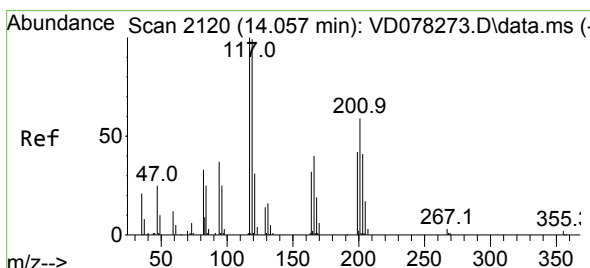
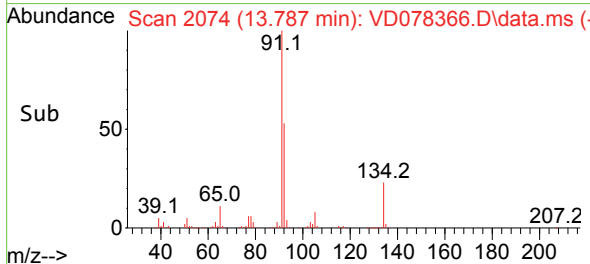
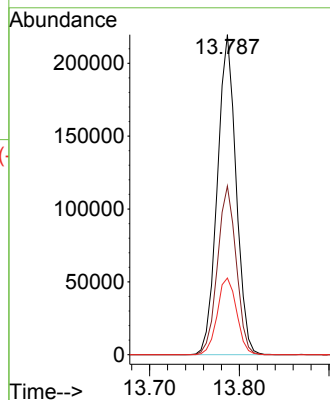
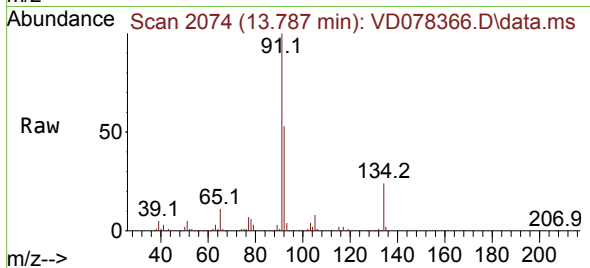
Tgt Ion: 91 Resp: 317947

Ion Ratio Lower Upper

91 100

92 52.5 26.5 79.5

134 24.8 13.8 41.3



#90

Hexachloroethane

Concen: 44.586 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD078366.D

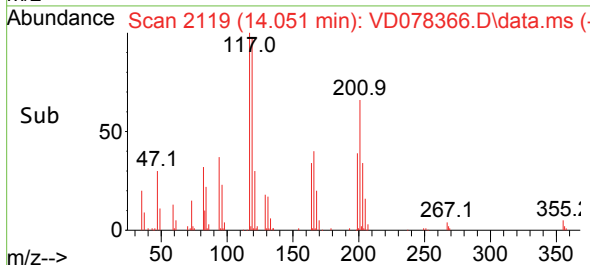
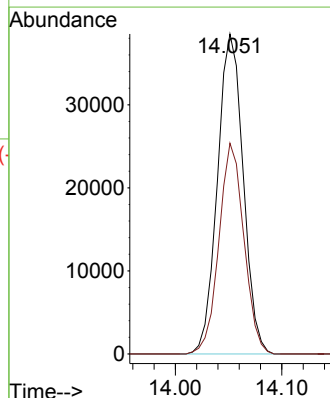
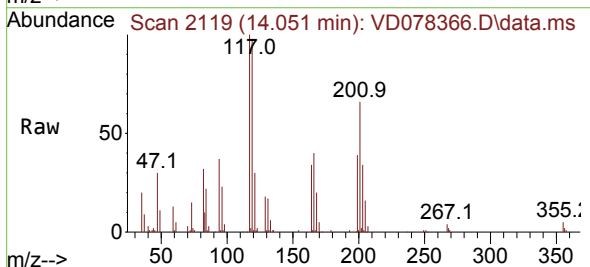
Acq: 08 Feb 2024 13:40

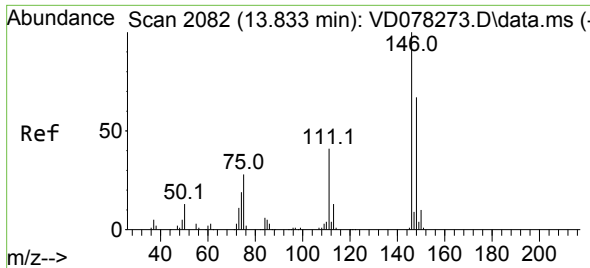
Tgt Ion: 117 Resp: 64677

Ion Ratio Lower Upper

117 100

201 63.8 38.5 115.5

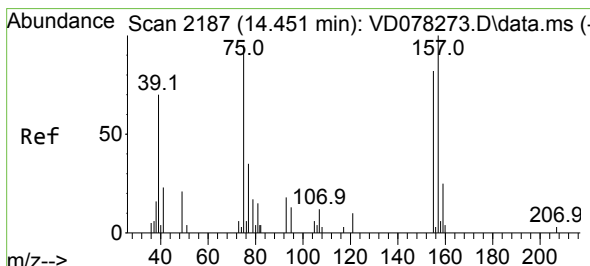
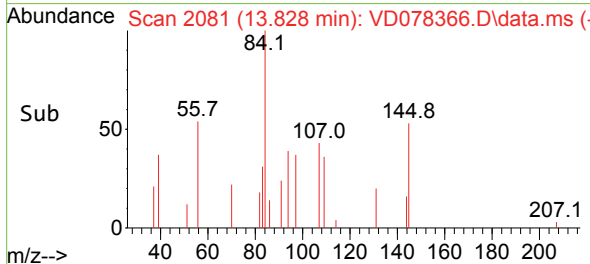
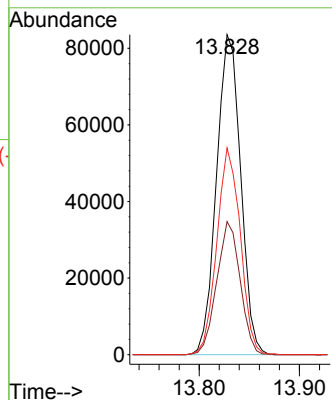
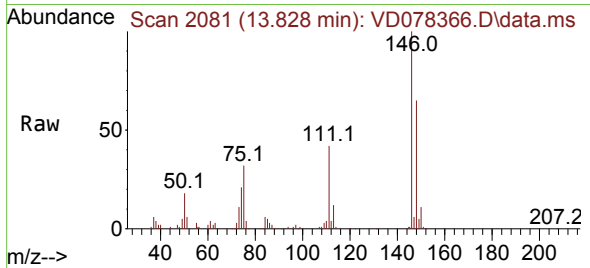




#91
1,2-Dichlorobenzene
Concen: 43.870 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

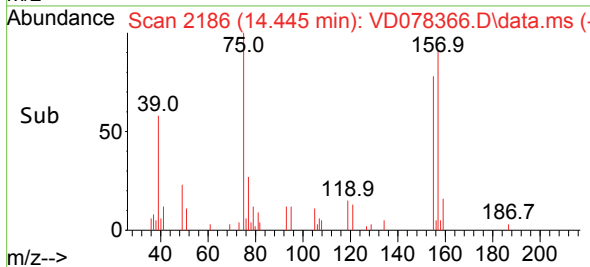
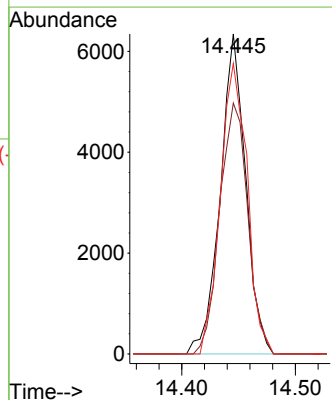
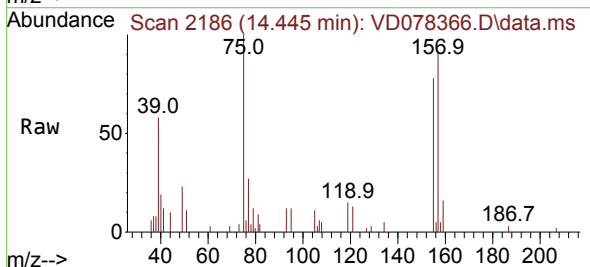
Instrument :
MSVOA_D
ClientSampleId :

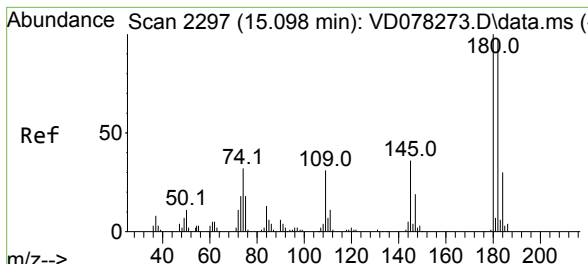
Tgt Ion:146 Resp: 139651
Ion Ratio Lower Upper
146 100
111 40.3 18.3 54.8
148 62.8 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.655 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078366.D
Acq: 08 Feb 2024 13:40

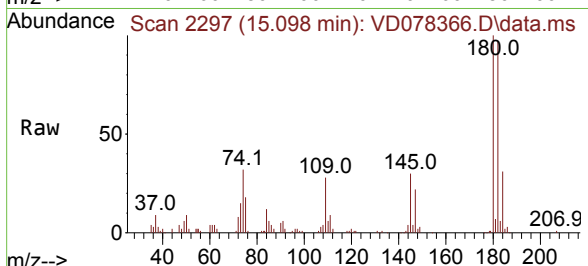
Tgt Ion: 75 Resp: 9839
Ion Ratio Lower Upper
75 100
155 86.7 47.9 143.8
157 95.7 59.9 179.7



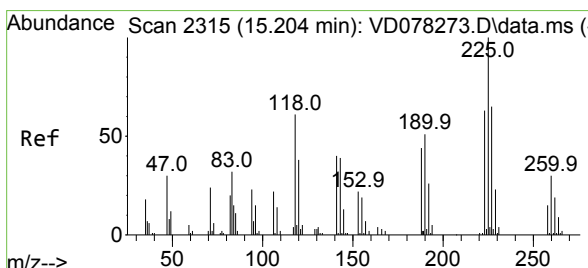
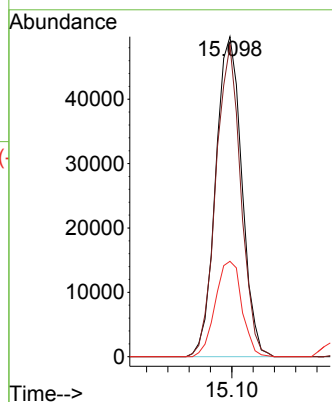
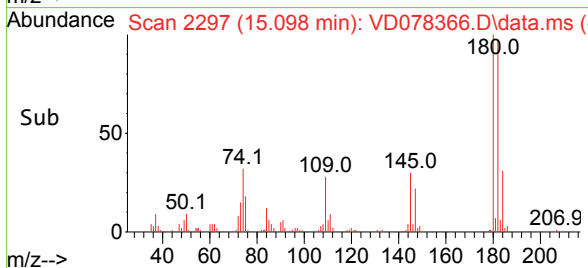


#93
 1,2,4-Trichlorobenzene
 Concen: 45.924 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD078366.D
 Acq: 08 Feb 2024 13:40

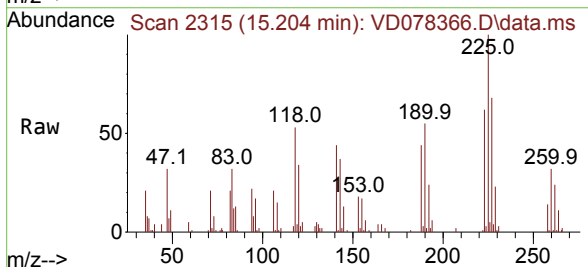
Instrument :
 MSVOA_D
 ClientSampleId :



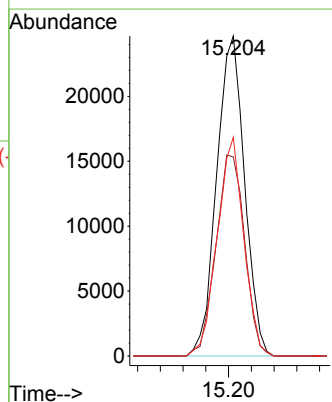
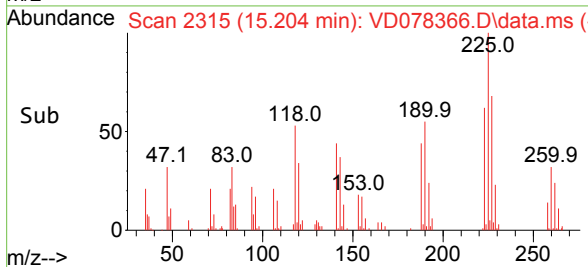
Tgt Ion:	180	Resp:	84559
Ion Ratio	Lower	Upper	
180	100		
182	92.9	48.5	145.6
145	30.3	14.2	42.6

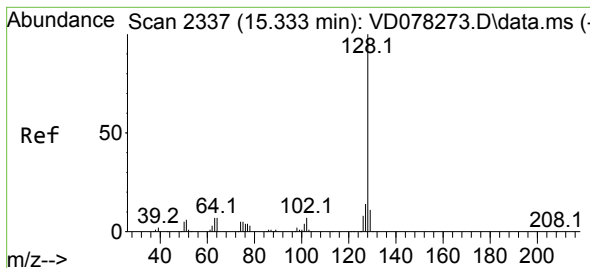


#94
 Hexachlorobutadiene
 Concen: 46.584 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD078366.D
 Acq: 08 Feb 2024 13:40



Tgt Ion:	225	Resp:	42031
Ion Ratio	Lower	Upper	
225	100		
223	64.7	31.6	94.8
227	64.9	31.7	95.1





#95

Naphthalene

Concen: 45.289 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

Instrument :

MSVOA_D

ClientSampleId :

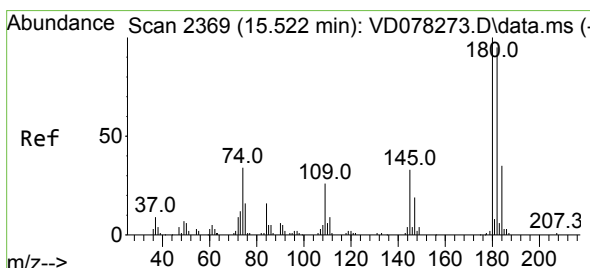
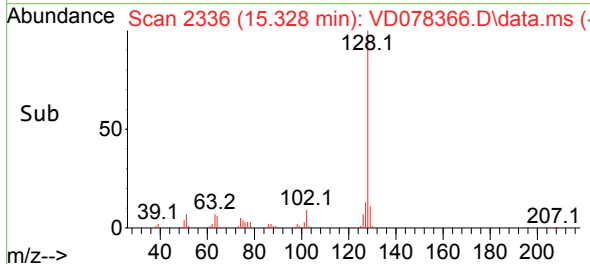
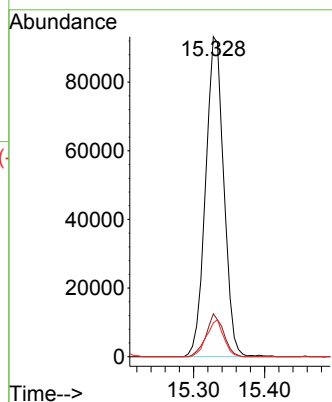
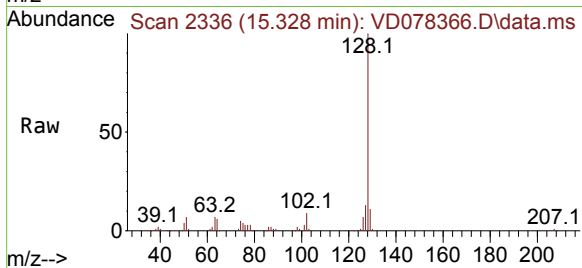
Tgt Ion:128 Resp: 166266

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 45.352 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD078366.D

Acq: 08 Feb 2024 13:40

Tgt Ion:180 Resp: 73526

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

145 33.1 15.1 45.3

