

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030824\
 Data File : VD078621.D
 Acq On : 08 Mar 2024 17:28
 Operator : RP/MD
 Sample : MDL03
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL03

Quant Time: Mar 09 03:35:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 09 03:32:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	98543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	179564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	170854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	78274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52179	53.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.840%	
35) Dibromofluoromethane	7.805	113	56905	48.718	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.440%	
50) Toluene-d8	10.269	98	200906	44.264	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.520%	
62) 4-Bromofluorobenzene	12.569	95	54592	42.112	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.220%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	2642	2.986	ug/l	86
3) Chloromethane	2.152	50	5991	3.760	ug/l	91
4) Vinyl Chloride	2.281	62	8454	3.490	ug/l #	88
5) Bromomethane	2.687	94	6513	3.367	ug/l	94
6) Chloroethane	2.828	64	6297	3.508	ug/l	97
7) Trichlorofluoromethane	3.170	101	5126	3.130	ug/l	98
8) Diethyl Ether	3.593	74	1310	2.848	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.958	101	3242	3.141	ug/l #	70
10) Methyl Iodide	4.152	142	1228	1.137	ug/l #	79
11) Tert butyl alcohol	5.064	59	562	11.086	ug/l #	73
12) 1,1-Dichloroethene	3.940	96	2484	2.578	ug/l #	74
13) Acrolein	3.793	56	1080	11.148	ug/l #	73
14) Allyl chloride	4.546	41	1121	1.021	ug/l #	19
15) Acrylonitrile	5.258	53	2600	13.712	ug/l	94
16) Acetone	4.022	43	3448	18.424	ug/l	96
17) Carbon Disulfide	4.264	76	8636	2.690	ug/l	100
18) Methyl Acetate	4.575	43	1986	5.606	ug/l #	77
19) Methyl tert-butyl Ether	5.322	73	5493	2.803	ug/l #	91
20) Methylene Chloride	4.805	84	20201	10.764	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	3117	2.692	ug/l #	82
22) Diisopropyl ether	6.216	45	5423	2.204	ug/l #	87
23) Vinyl Acetate	6.158	43	14089	9.640	ug/l	96
24) 1,1-Dichloroethane	6.099	63	5337	2.871	ug/l #	78
25) 2-Butanone	7.075	43	1633	6.917	ug/l	96
26) 2,2-Dichloropropane	7.075	77	4715	3.002	ug/l #	49
27) cis-1,2-Dichloroethene	7.075	96	3290	2.595	ug/l	88
28) Bromochloromethane	7.428	49	1960	2.822	ug/l #	77
29) Tetrahydrofuran	7.458	42	1722	13.130	ug/l #	83
30) Chloroform	7.599	83	5857	2.918	ug/l	85
31) Cyclohexane	7.869	56	5426	3.549	ug/l #	70
32) 1,1,1-Trichloroethane	7.781	97	4870	2.828	ug/l	96
36) 1,1-Dichloropropene	8.010	75	4150	2.568	ug/l	94
38) Carbon Tetrachloride	7.987	117	3944	2.333	ug/l #	96
39) Methylcyclohexane	9.269	83	4282	2.257	ug/l	97
40) Benzene	8.246	78	11700	2.442	ug/l	100
41) Methacrylonitrile	7.399	41	886	3.156	ug/l #	68

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.322	62	3694	3.039	ug/l	94
43) Isopropyl Acetate	8.352	43	2845	2.833	ug/l #	83
44) Trichloroethene	9.034	130	3510	2.670	ug/l	79
45) 1,2-Dichloropropane	9.299	63	3184	2.767	ug/l	89
46) Dibromomethane	9.393	93	1873	2.823	ug/l #	77
47) Bromodichloromethane	9.587	83	4652	2.844	ug/l	92
48) Methyl methacrylate	9.381	41	1377	3.028	ug/l #	80
49) 1,4-Dioxane	9.387	88	302	45.702	ug/l #	58
51) 4-Methyl-2-Pentanone	10.157	43	7015	13.536	ug/l	93
52) Toluene	10.328	92	7619	2.478	ug/l	88
53) t-1,3-Dichloropropene	10.546	75	3480	2.299	ug/l #	84
54) cis-1,3-Dichloropropene	10.010	75	3998	2.206	ug/l #	79
55) 1,1,2-Trichloroethane	10.728	97	2668	2.856	ug/l	93
56) Ethyl methacrylate	10.593	69	1929	2.060	ug/l #	82
57) 1,3-Dichloropropane	10.881	76	4123	2.723	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.869	63	5074	11.967	ug/l	98
59) 2-Hexanone	10.928	43	4847	12.609	ug/l	87
60) Dibromochloromethane	11.075	129	3389	3.004	ug/l	92
61) 1,2-Dibromoethane	11.175	107	2210	2.578	ug/l	96
64) Tetrachloroethene	10.804	164	3245	3.019	ug/l #	86
65) Chlorobenzene	11.604	112	9014	2.679	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	3503	2.797	ug/l	89
67) Ethyl Benzene	11.687	91	12094	2.075	ug/l	95
68) m/p-Xylenes	11.793	106	9941	4.215	ug/l	91
69) o-Xylene	12.116	106	4189	1.958	ug/l	93
70) Styrene	12.134	104	5858	1.580	ug/l #	85
71) Bromoform	12.304	173	1709	2.565	ug/l #	88
73) Isopropylbenzene	12.422	105	10873	2.191	ug/l	96
74) N-amyl acetate	12.228	43	1883	2.255	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	3026	3.183	ug/l #	94
76) 1,2,3-Trichloropropane	12.710	75	2921	4.886	ug/l #	100
77) Bromobenzene	12.698	156	2872	2.393	ug/l	81
78) n-propylbenzene	12.757	91	13831	2.279	ug/l	95
79) 2-Chlorotoluene	12.845	91	7713	2.368	ug/l	96
80) 1,3,5-Trimethylbenzene	12.898	105	9002	2.230	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.575	75	29423	105.348	ug/l #	17
82) 4-Chlorotoluene	12.945	91	7881	2.271	ug/l	99
83) tert-Butylbenzene	13.163	119	7339	2.111	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	8338	2.020	ug/l	97
85) sec-Butylbenzene	13.345	105	11173	2.060	ug/l	97
86) p-Isopropyltoluene	13.463	119	8711	1.908	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	6325	2.467	ug/l	95
88) 1,4-Dichlorobenzene	13.540	146	6463	2.516	ug/l	83
89) n-Butylbenzene	13.787	91	9979	2.339	ug/l	90
90) Hexachloroethane	14.051	117	2982	3.212	ug/l	74
91) 1,2-Dichlorobenzene	13.828	146	5313	2.439	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.440	75	296	2.336	ug/l	76
93) 1,2,4-Trichlorobenzene	15.098	180	3652	2.832	ug/l	93
94) Hexachlorobutadiene	15.198	225	1997	2.814	ug/l	84
95) Naphthalene	15.328	128	5543	2.432	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.522	180	2787	2.433	ug/l	94

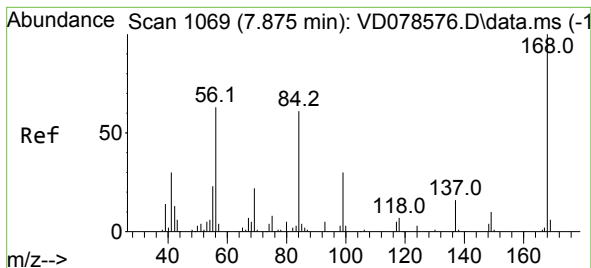
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QLast Update : Sat Mar 09 03:32:46 2024
Response via : Initial Calibration

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

(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

Instrument :

MSVOA_D

ClientSampleId :

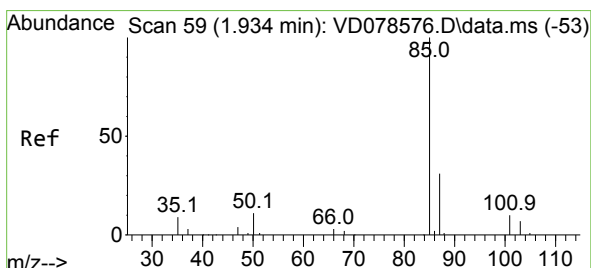
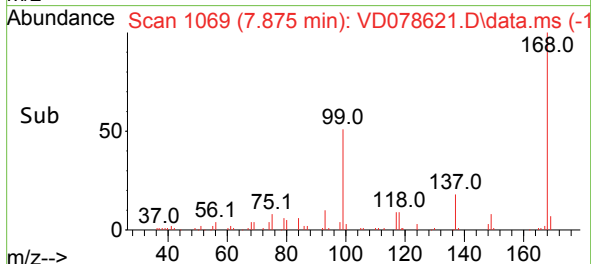
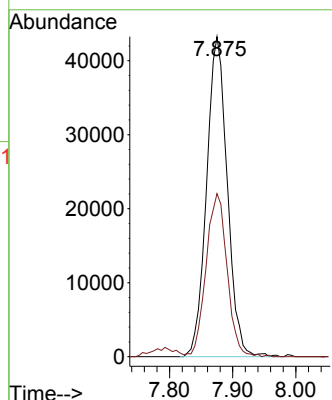
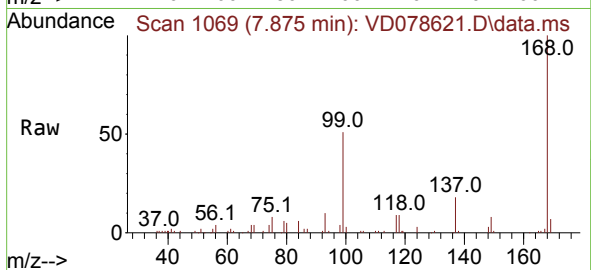
MDL03

Tgt Ion:168 Resp: 98543

Ion Ratio Lower Upper

168 100

99 50.9 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 2.986 ug/l

RT: 1.928 min Scan# 58

Delta R.T. -0.006 min

Lab File: VD078621.D

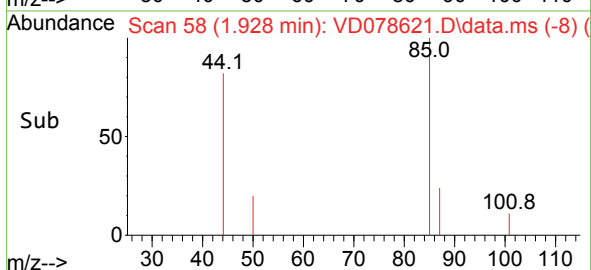
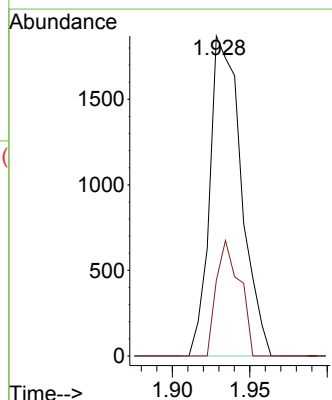
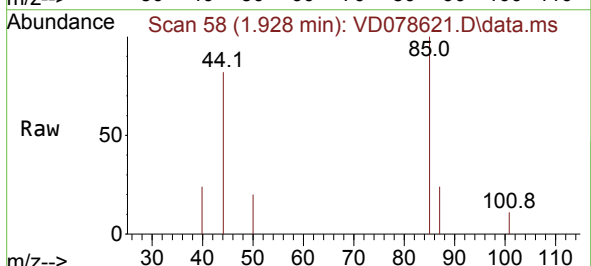
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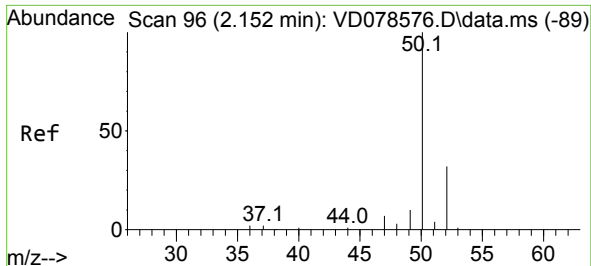
Tgt Ion: 85 Resp: 2642

Ion Ratio Lower Upper

85 100

87 23.6 15.7 47.0

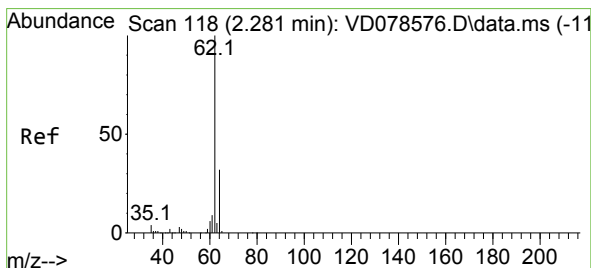
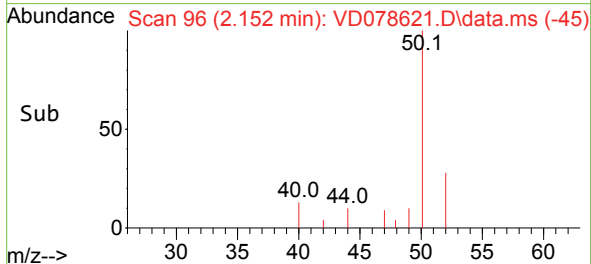
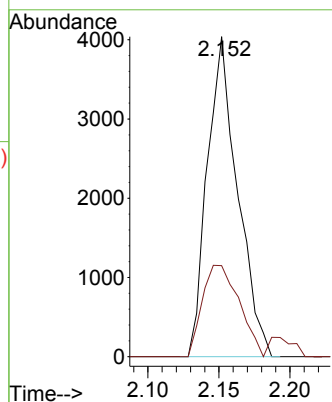
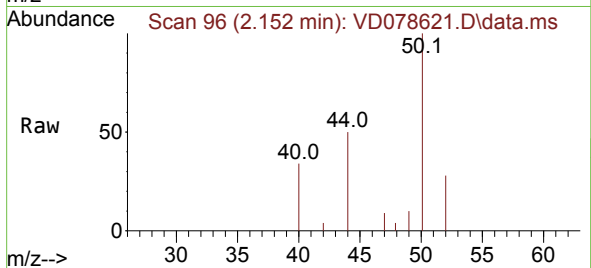




#3
Chloromethane
Concen: 3.760 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

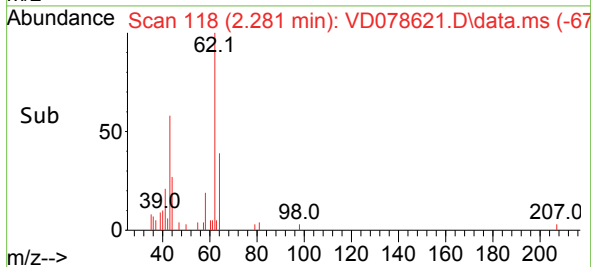
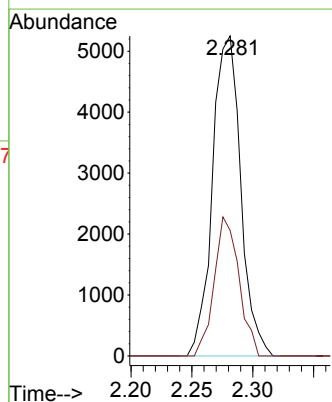
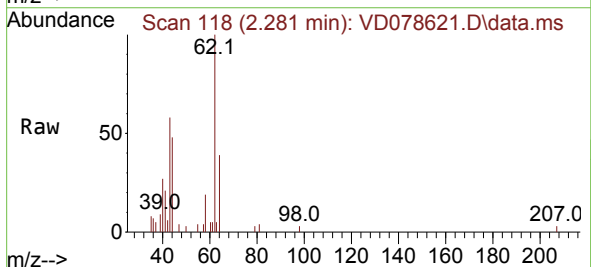
Instrument :
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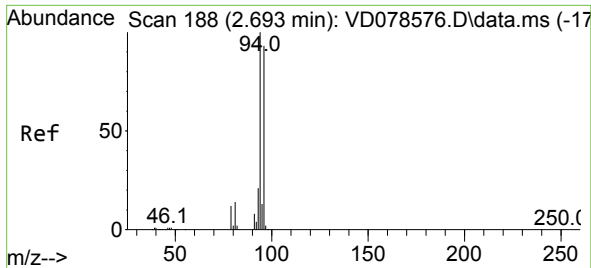
Tgt Ion: 50 Resp: 5991
Ion Ratio Lower Upper
50 100
52 28.5 26.6 40.0



#4
Vinyl Chloride
Concen: 3.490 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion: 62 Resp: 8454
Ion Ratio Lower Upper
62 100
64 39.3 26.0 39.0#

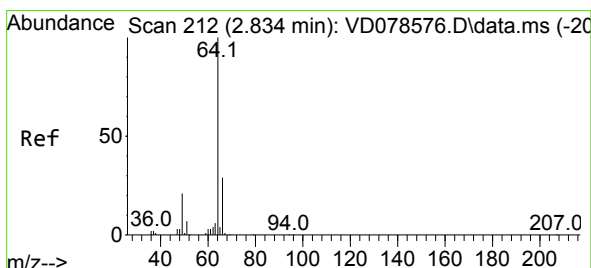
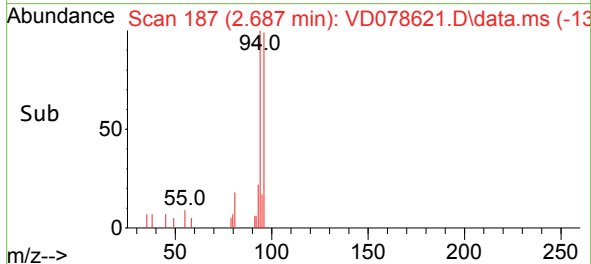
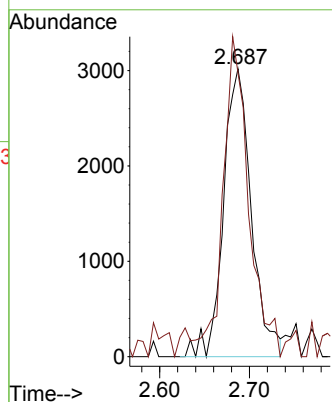
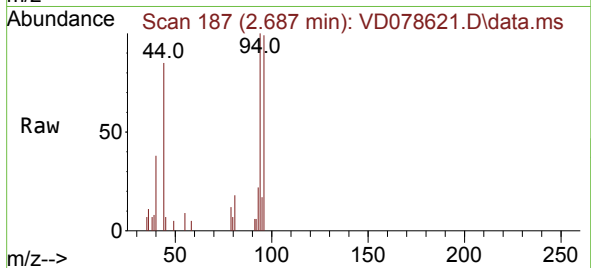




#5
Bromomethane
Concen: 3.367 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

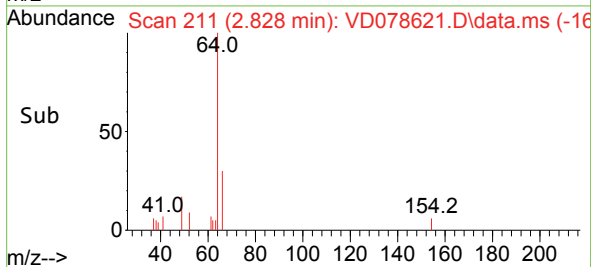
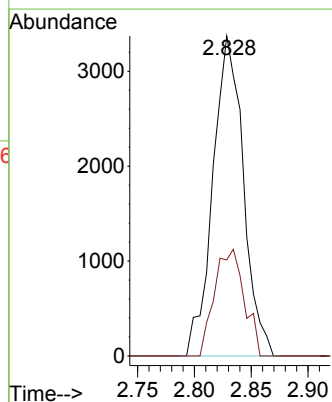
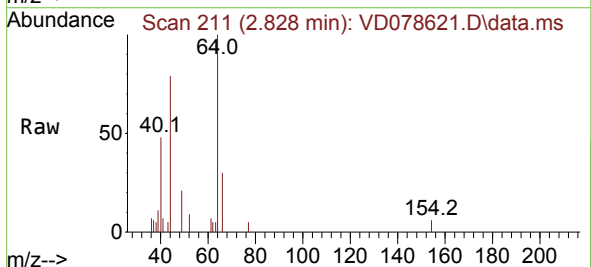
Instrument :
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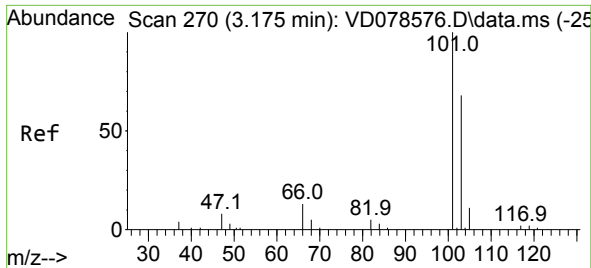
Tgt Ion: 94 Resp: 6513
Ion Ratio Lower Upper
94 100
96 101.1 75.8 113.8



#6
Chloroethane
Concen: 3.508 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion: 64 Resp: 6297
Ion Ratio Lower Upper
64 100
66 30.0 25.5 38.3

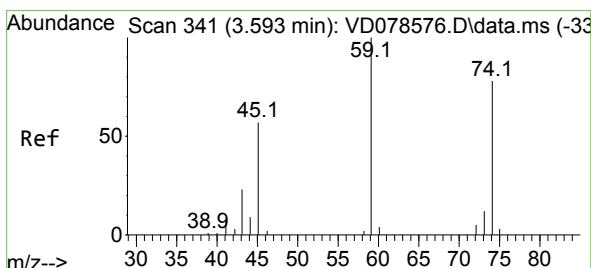
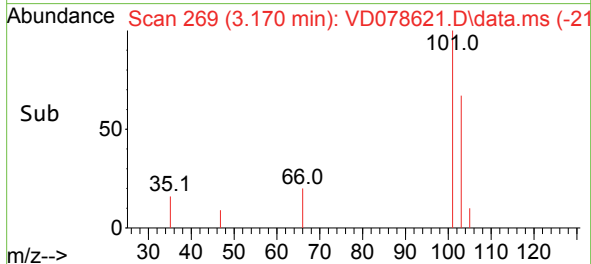
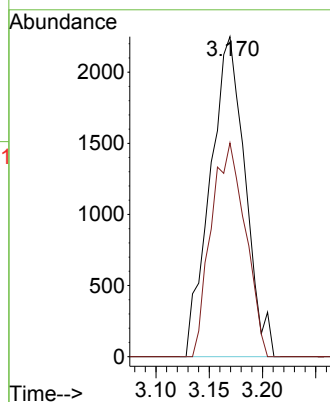
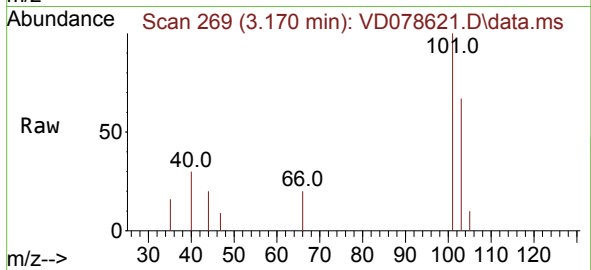




#7
 Trichlorofluoromethane
 Concen: 3.130 ug/l
 RT: 3.170 min Scan# 270
 Delta R.T. -0.006 min
 Lab File: VD078621.D
 Acq: 08 Mar 2024 17:28

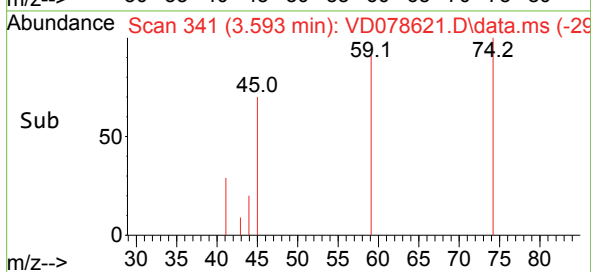
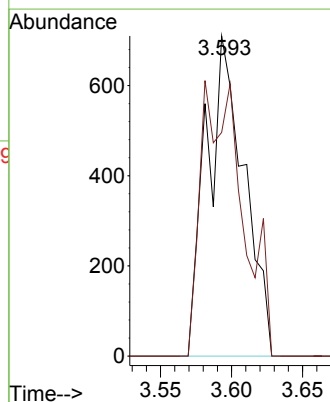
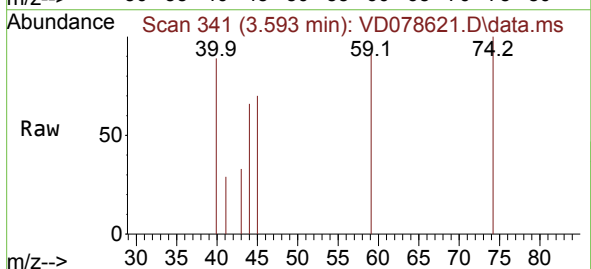
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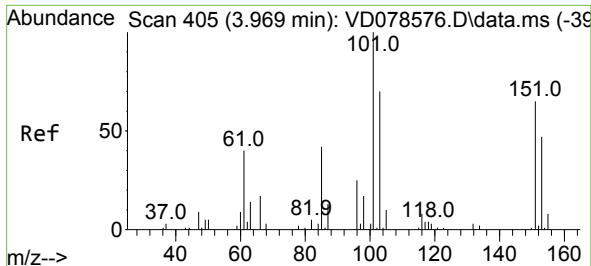
Tgt Ion:101 Resp: 5126
 Ion Ratio Lower Upper
 101 100
 103 66.8 52.3 78.5



#8
 Diethyl Ether
 Concen: 2.848 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD078621.D
 Acq: 08 Mar 2024 17:28

Tgt Ion: 74 Resp: 1310
 Ion Ratio Lower Upper
 74 100
 45 94.5 37.5 112.7

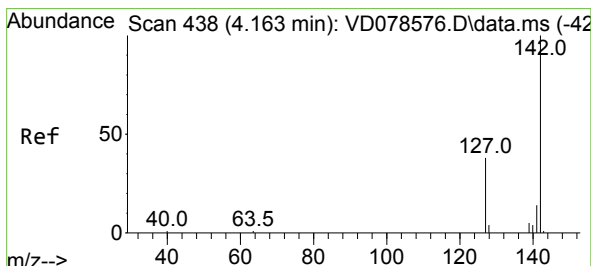
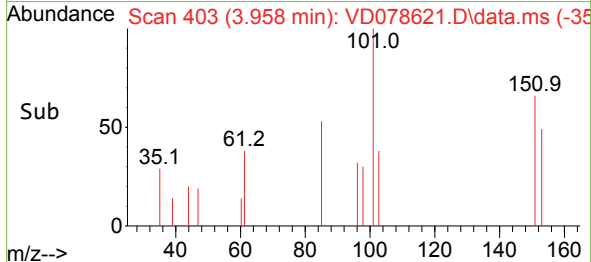
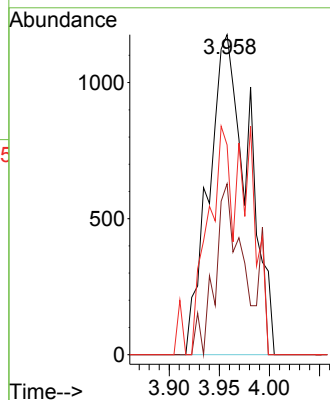
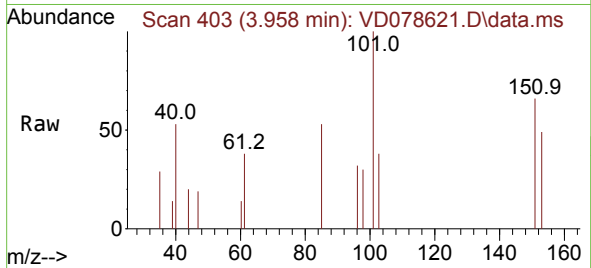




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.141 ug/l
RT: 3.958 min Scan# 405
Delta R.T. -0.011 min
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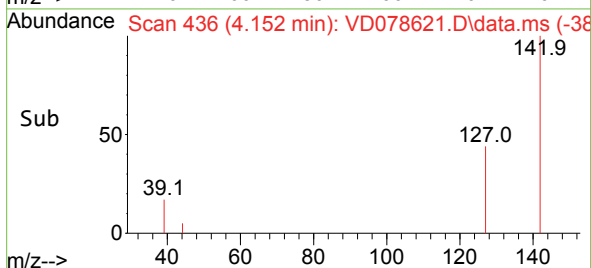
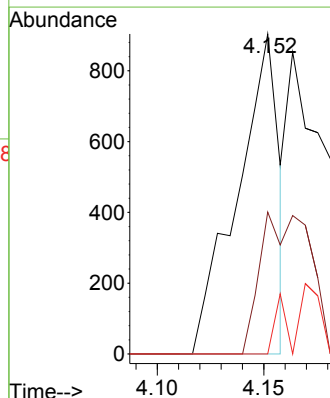
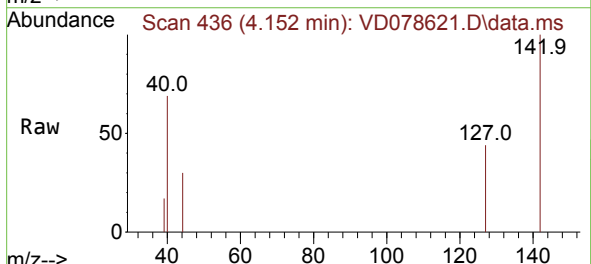
Instrument :
MSVOA_D
ClientSampleId :
MDL03

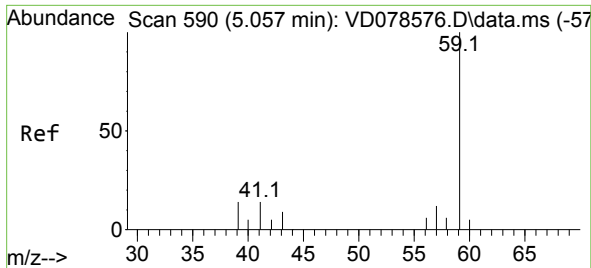
Tgt Ion:101 Resp: 3242
Ion Ratio Lower Upper
101 100
85 34.2 33.8 50.6
151 41.3 59.8 89.6#



#10
Methyl Iodide
Concen: 1.137 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.011 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion:142 Resp: 1228
Ion Ratio Lower Upper
142 100
127 53.0 29.4 44.0#
141 15.3 11.1 16.7

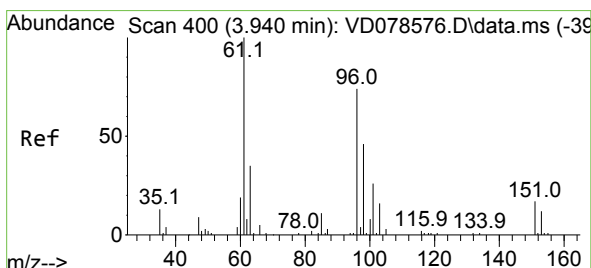
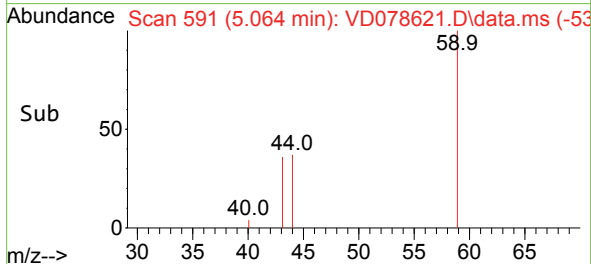
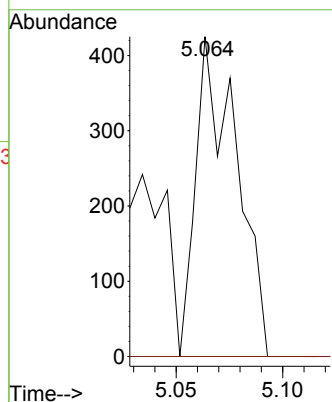
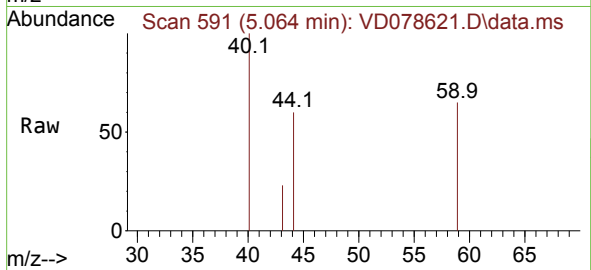




#11
Tert butyl alcohol
Concen: 11.086 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.007 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

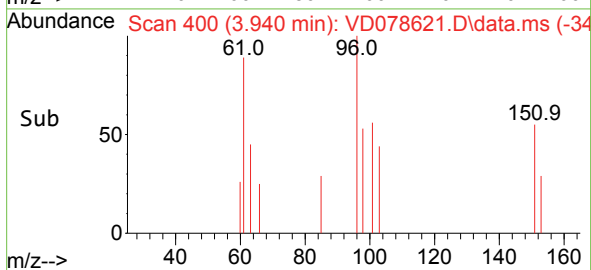
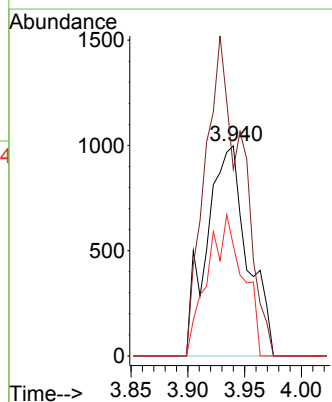
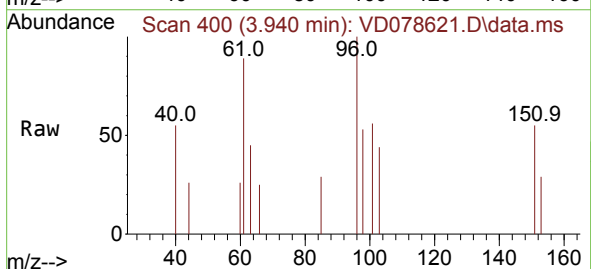
Instrument :
MSVOA_D
ClientSampleId :
MDL03

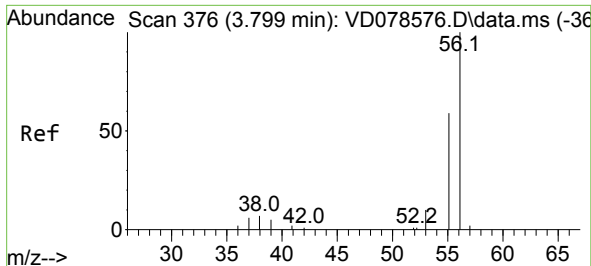
Tgt Ion: 59 Resp: 562
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 2.578 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion: 96 Resp: 2484
Ion Ratio Lower Upper
96 100
61 88.9 100.6 150.8#
98 52.6 50.2 75.2





#13

Acrolein

Concen: 11.148 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

Instrument :

MSVOA_D

ClientSampleId :

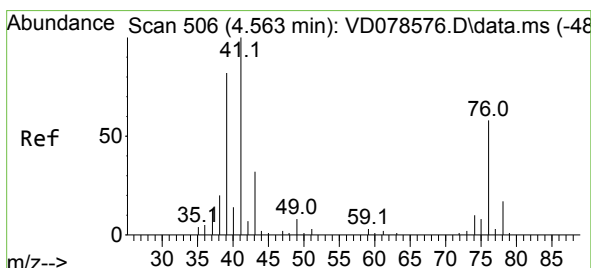
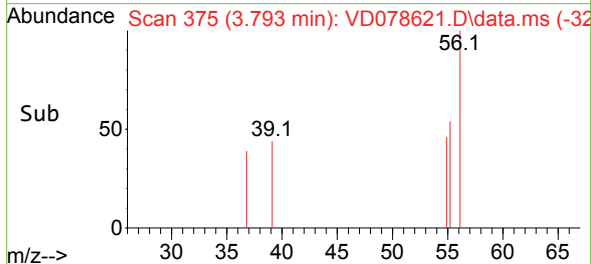
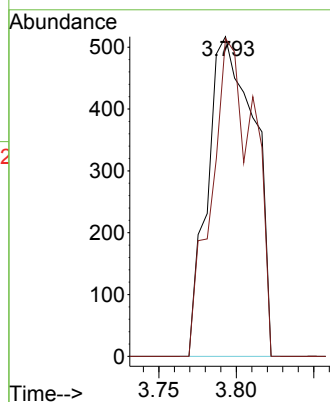
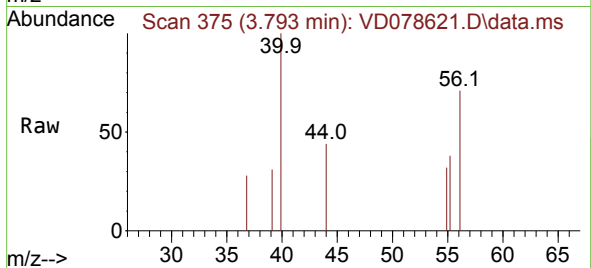
MDL03

Tgt Ion: 56 Resp: 1080

Ion Ratio Lower Upper

56 100

55 90.6 55.1 82.7#



#14

Allyl chloride

Concen: 1.021 ug/l

RT: 4.546 min Scan# 503

Delta R.T. -0.017 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

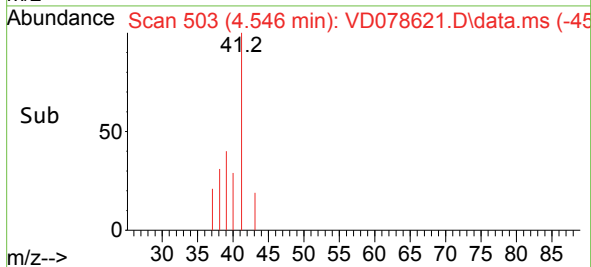
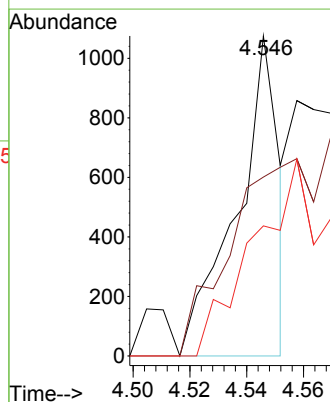
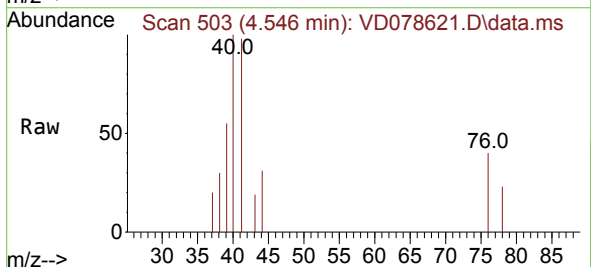
Tgt Ion: 41 Resp: 1121

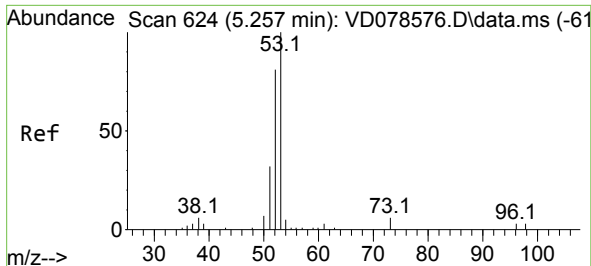
Ion Ratio Lower Upper

41 100

39 0.0 53.8 80.6#

76 0.0 45.8 68.8#

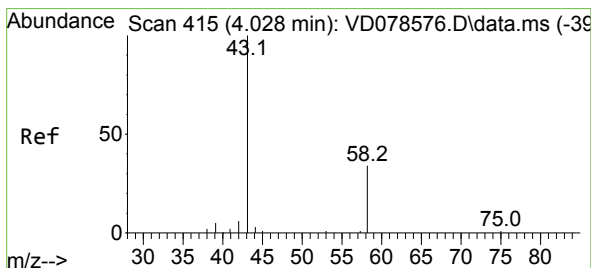
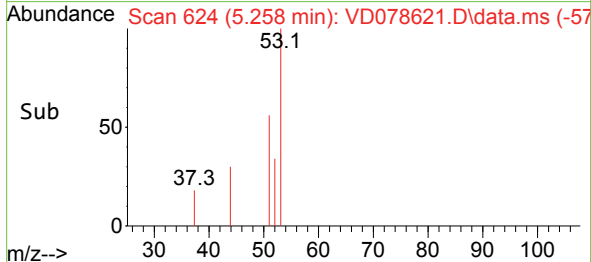
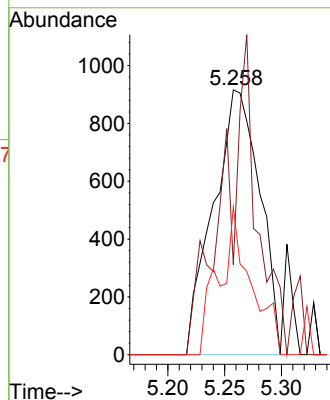
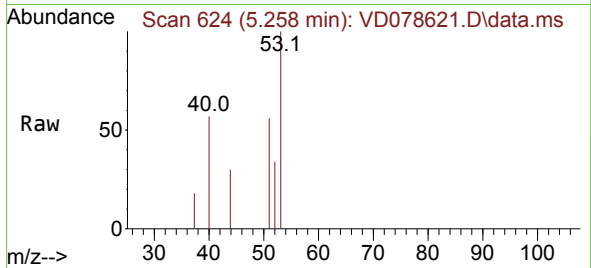




#15
Acrylonitrile
Concen: 13.712 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

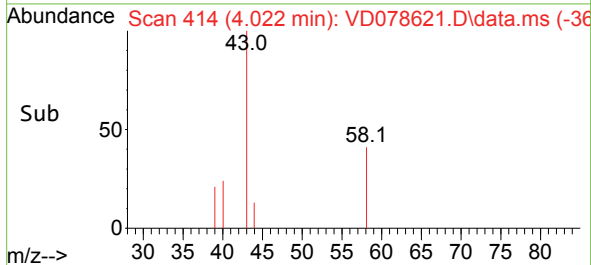
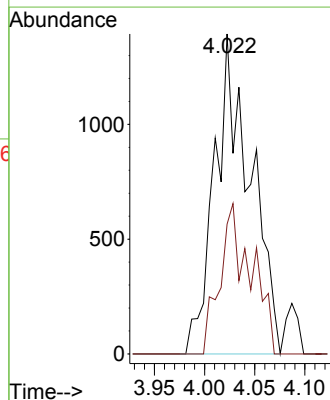
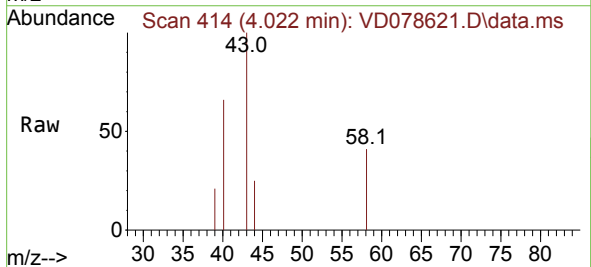
Instrument :
MSVOA_D
ClientSampleId :
MDL03

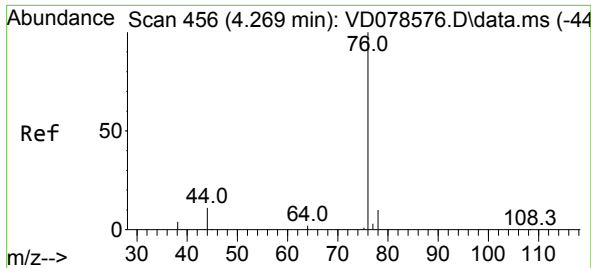
Tgt Ion:	53	Resp:	2600
Ion	Ratio	Lower	Upper
53	100		
52	86.6	65.0	97.4
51	38.5	28.3	42.5



#16
Acetone
Concen: 18.424 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion:	43	Resp:	3448
Ion	Ratio	Lower	Upper
43	100		
58	40.5	34.7	52.1

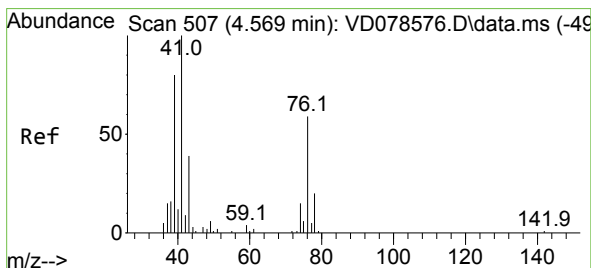
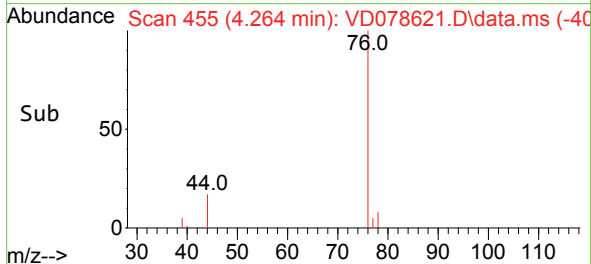
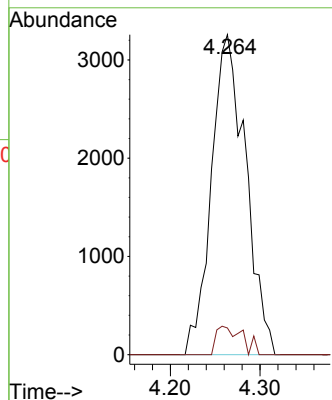
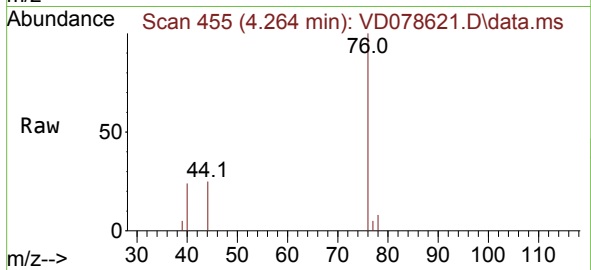




#17
Carbon Disulfide
Concen: 2.690 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

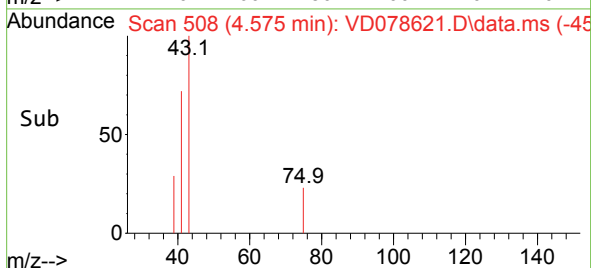
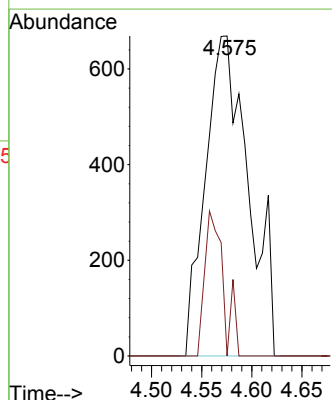
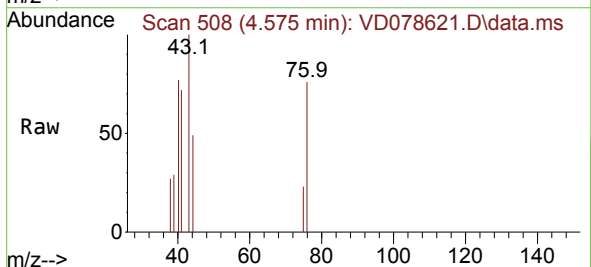
Instrument :
MSVOA_D
ClientSampleId :
MDL03

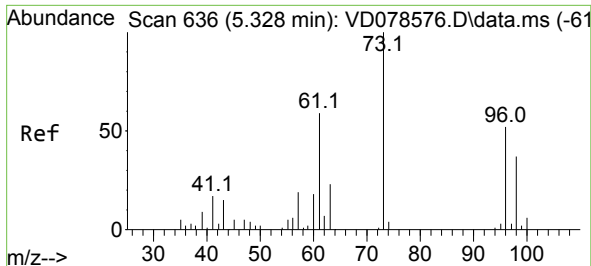
Tgt Ion: 76 Resp: 8636
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 5.606 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.006 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion: 43 Resp: 1986
Ion Ratio Lower Upper
43 100
74 19.8 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 2.803 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

Instrument :

MSVOA_D

ClientSampleId :

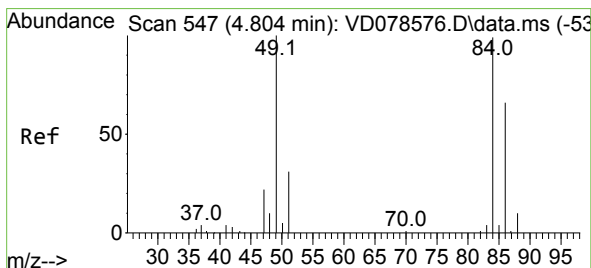
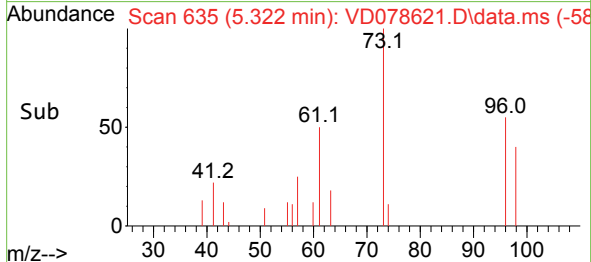
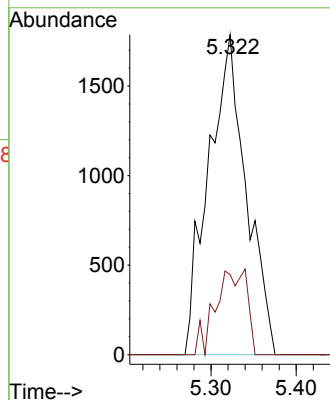
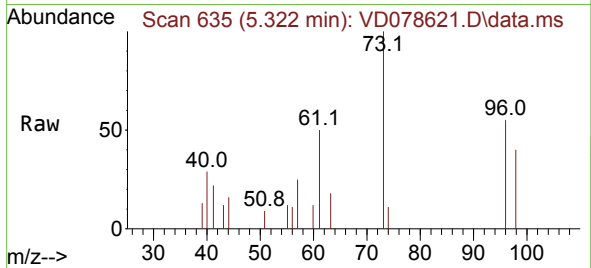
MDL03

Tgt Ion: 73 Resp: 5493

Ion Ratio Lower Upper

73 100

57 25.0 16.6 25.0#



#20

Methylene Chloride

Concen: 10.764 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.001 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

Tgt Ion: 84 Resp: 20201

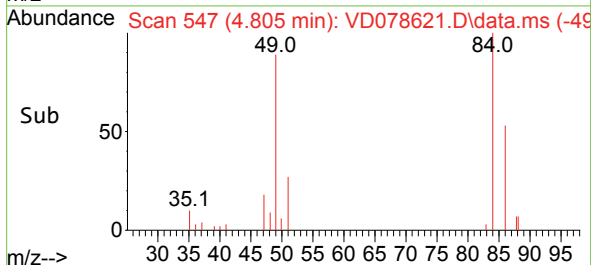
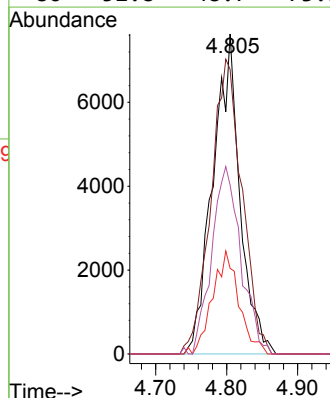
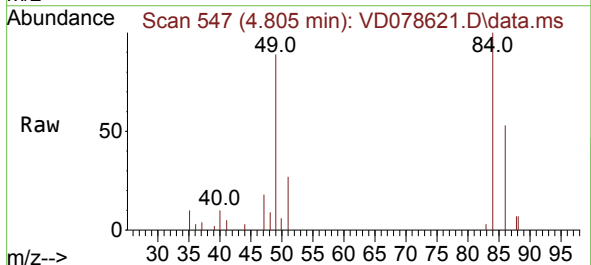
Ion Ratio Lower Upper

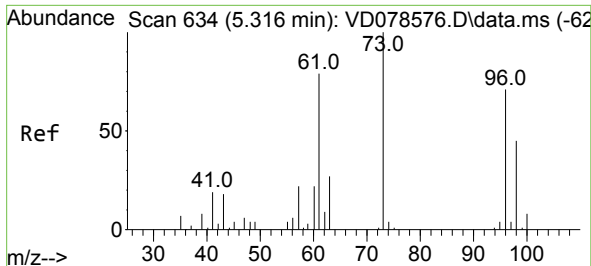
84 100

49 88.9 71.4 107.2

51 26.8 24.5 36.7

86 52.8 48.7 73.1

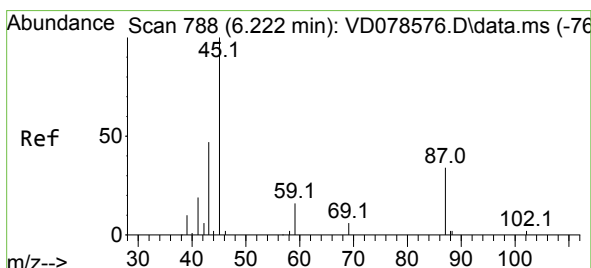
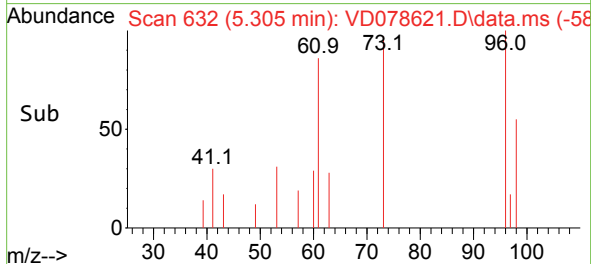
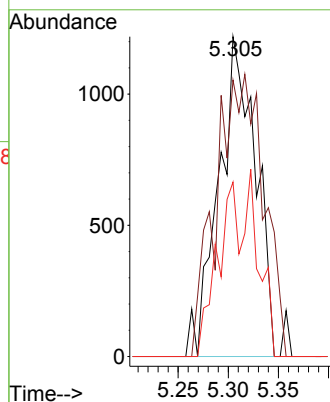
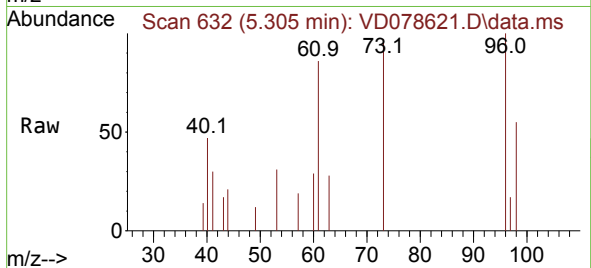




#21
trans-1,2-Dichloroethene
Concen: 2.692 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

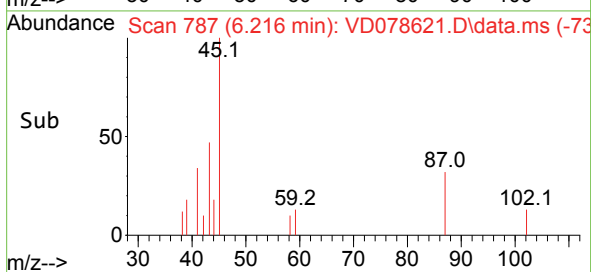
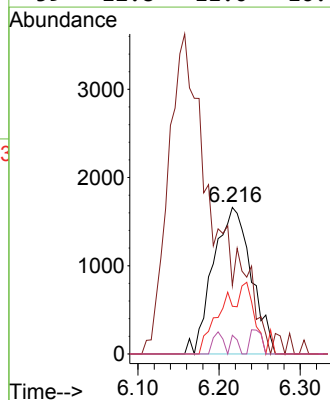
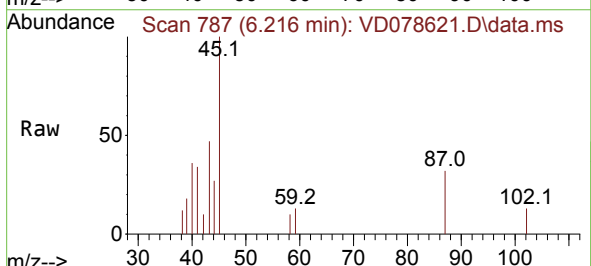
Instrument :
MSVOA_D
ClientSampleId :
MDL03

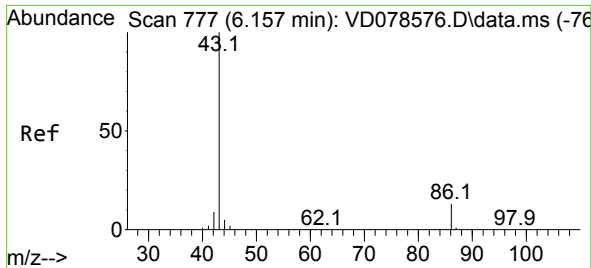
Tgt Ion: 96 Resp: 3117
Ion Ratio Lower Upper
96 100
61 86.5 89.3 133.9#
98 54.6 48.6 73.0



#22
Diisopropyl ether
Concen: 2.204 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion: 45 Resp: 5423
Ion Ratio Lower Upper
45 100
43 34.4 40.0 60.0#
87 32.5 28.2 42.4
59 12.8 11.0 16.4

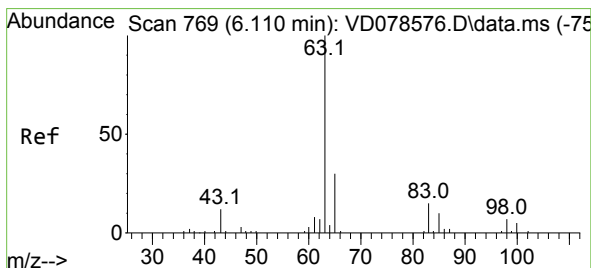
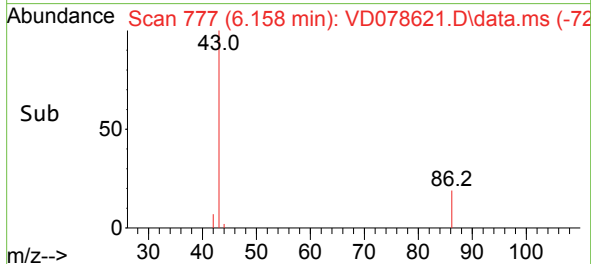
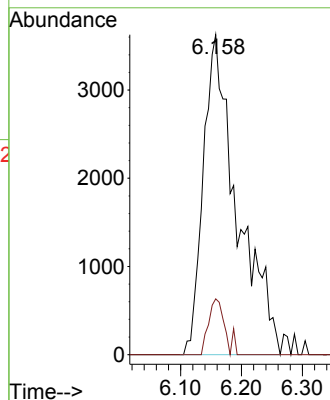
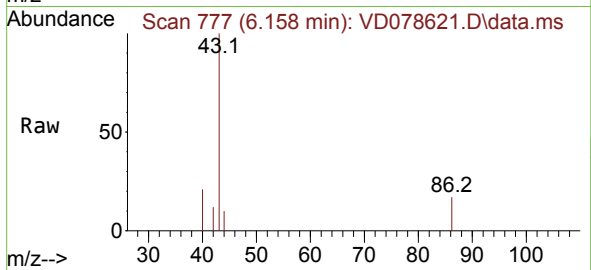




#23
Vinyl Acetate
Concen: 9.640 ug/l
RT: 6.158 min Scan# 71
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

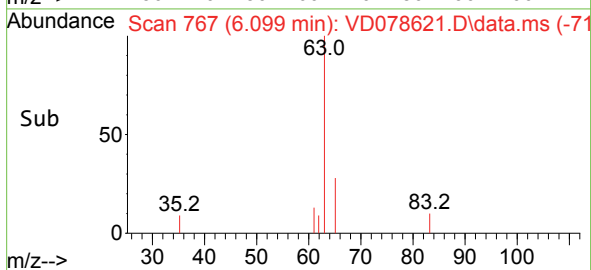
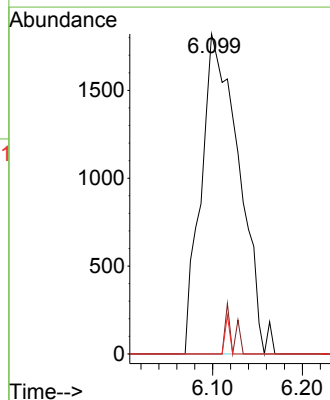
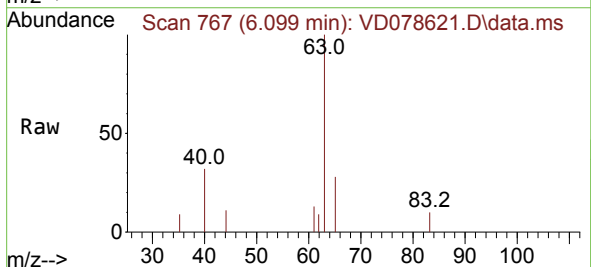
Instrument :
MSVOA_D
ClientSampleId :
MDL03

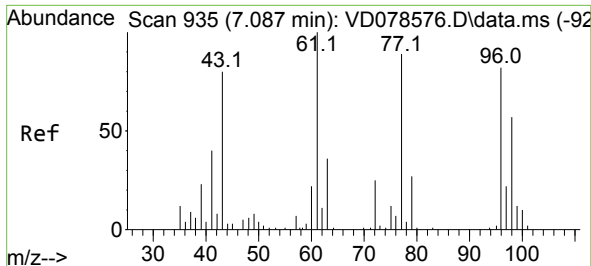
Tgt Ion: 43 Resp: 14089
Ion Ratio Lower Upper
43 100
86 17.4 12.5 18.7



#24
1,1-Dichloroethane
Concen: 2.871 ug/l
RT: 6.099 min Scan# 767
Delta R.T. -0.011 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion: 63 Resp: 5337
Ion Ratio Lower Upper
63 100
98 0.0 4.5 13.7#
100 0.0 2.5 7.5#





#25

2-Butanone

Concen: 6.917 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.011 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

Instrument :

MSVOA_D

ClientSampleId :

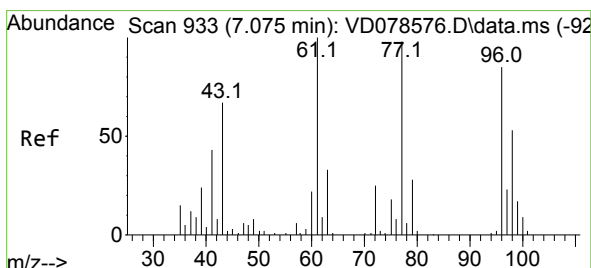
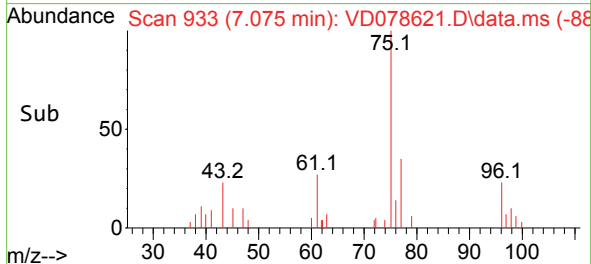
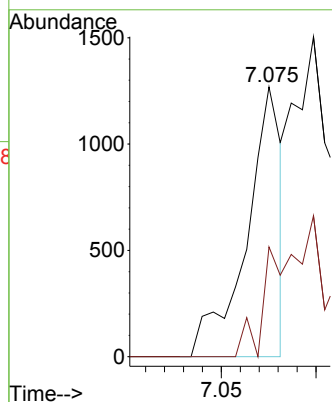
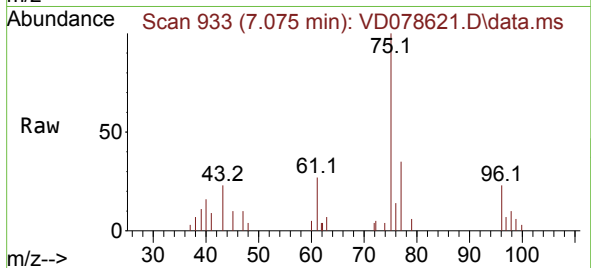
MDL03

Tgt Ion: 43 Resp: 1633

Ion Ratio Lower Upper

43 100

72 40.7 30.7 46.1



#26

2,2-Dichloropropane

Concen: 3.002 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD078621.D

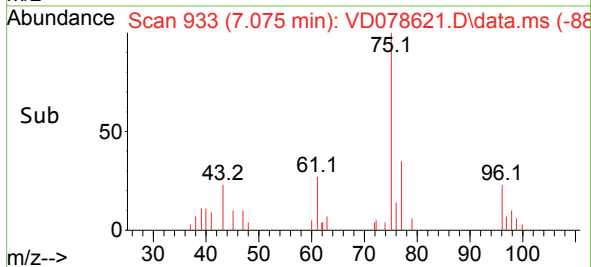
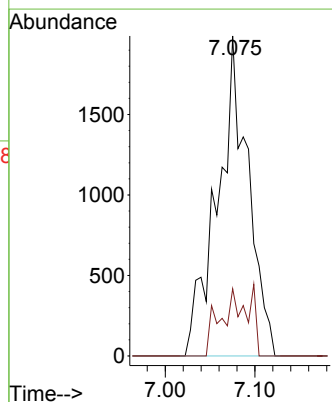
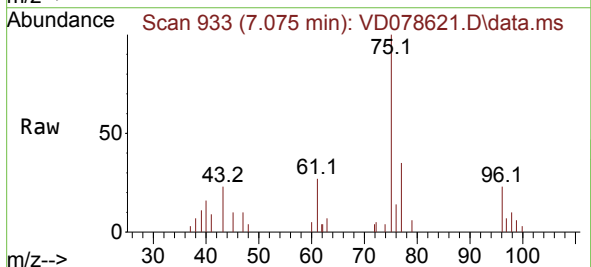
Acq: 08 Mar 2024 17:28

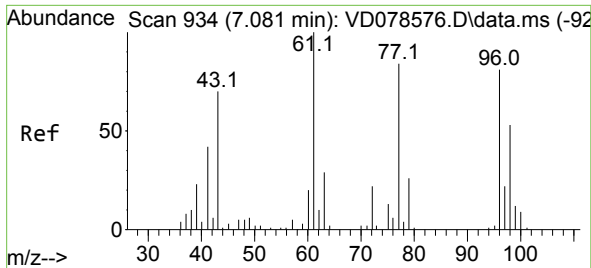
Tgt Ion: 77 Resp: 4715

Ion Ratio Lower Upper

77 100

97 0.0 13.2 39.6#

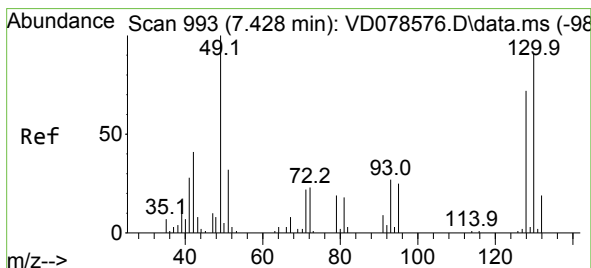
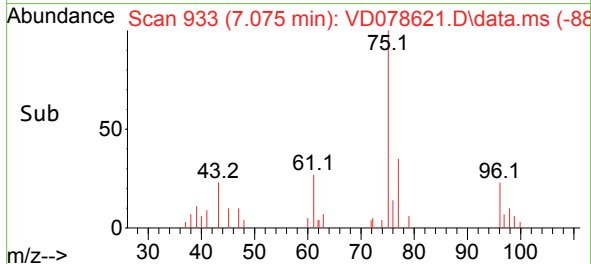
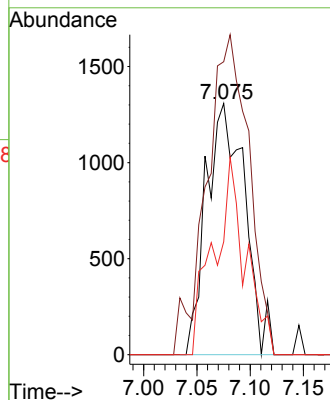
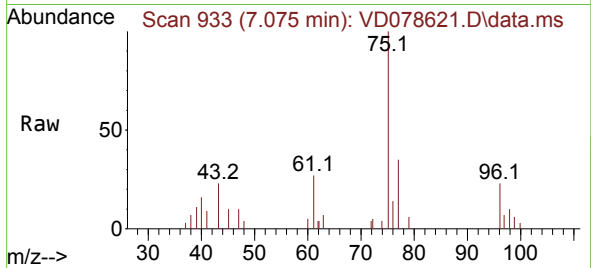




#27
 cis-1,2-Dichloroethene
 Concen: 2.595 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD078621.D
 Acq: 08 Mar 2024 17:28

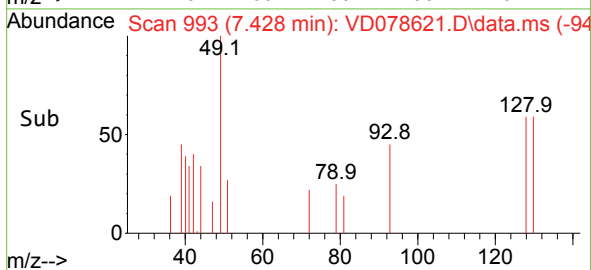
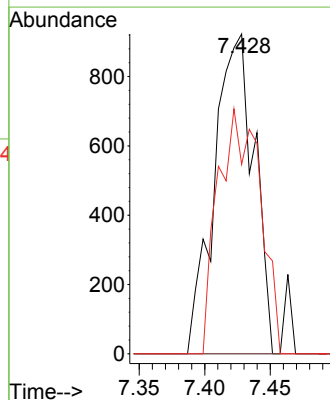
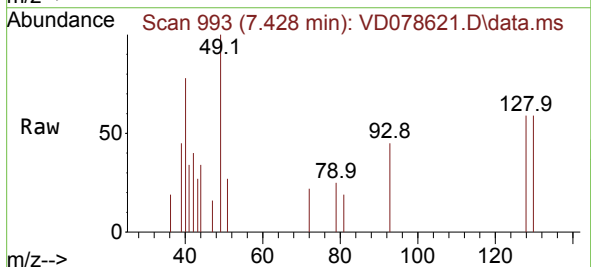
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL03

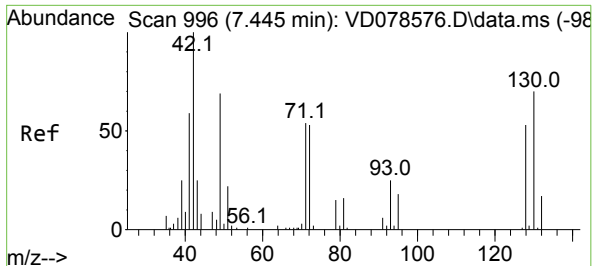
Tgt Ion: 96	Resp:	3290	
Ion	Ratio	Lower	Upper
96	100		
61	139.3	0.0	239.2
98	64.5	0.0	128.6



#28
 Bromochloromethane
 Concen: 2.822 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078621.D
 Acq: 08 Mar 2024 17:28

Tgt Ion: 49	Resp:	1960	
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	6.0
130	80.4	83.2	124.8#





#29

Tetrahydrofuran

Concen: 13.130 ug/l

RT: 7.458 min Scan# 996

Delta R.T. 0.012 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

Instrument :

MSVOA_D

ClientSampleId :

MDL03

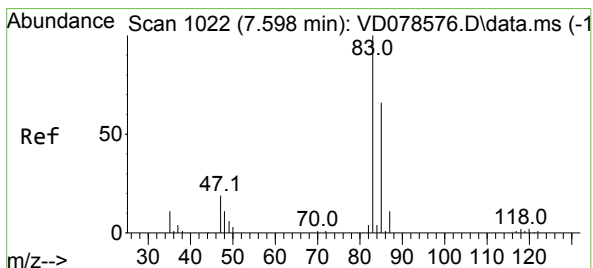
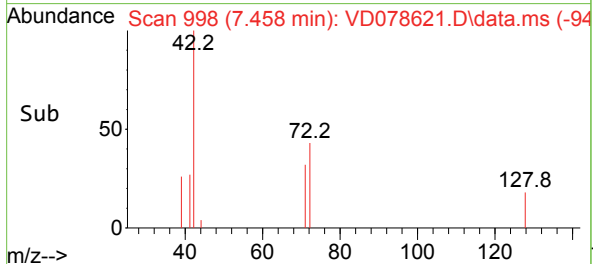
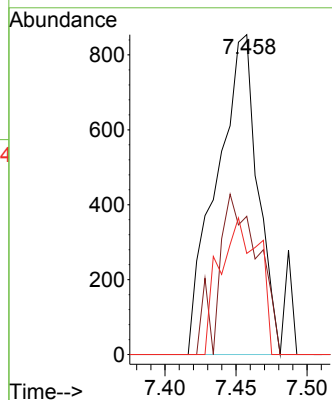
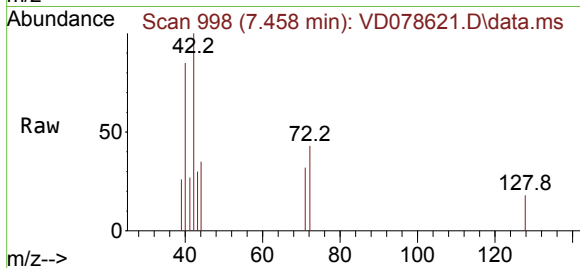
Tgt Ion: 42 Resp: 1722

Ion Ratio Lower Upper

42 100

72 48.1 46.5 69.7

71 40.9 44.5 66.7#



#30

Chloroform

Concen: 2.918 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078621.D

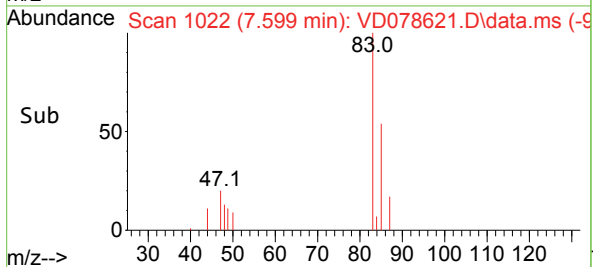
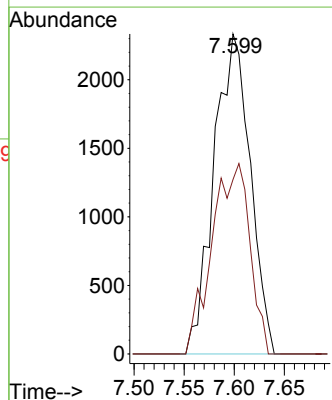
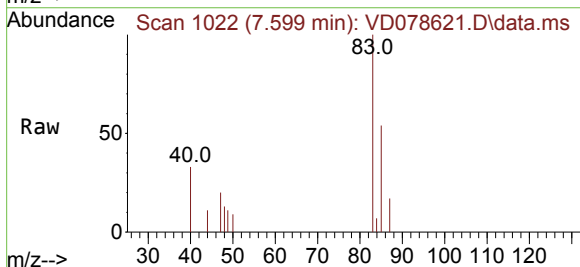
Acq: 08 Mar 2024 17:28

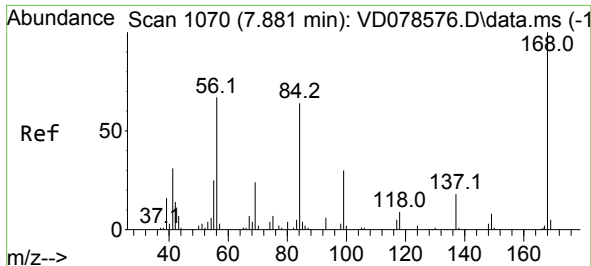
Tgt Ion: 83 Resp: 5857

Ion Ratio Lower Upper

83 100

85 54.5 53.4 80.2

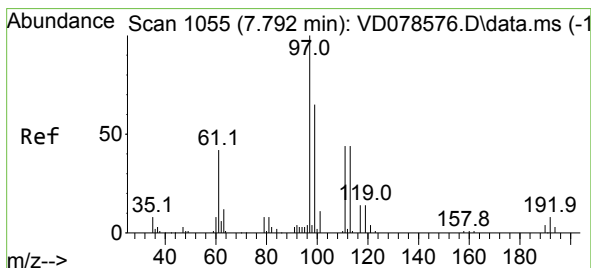
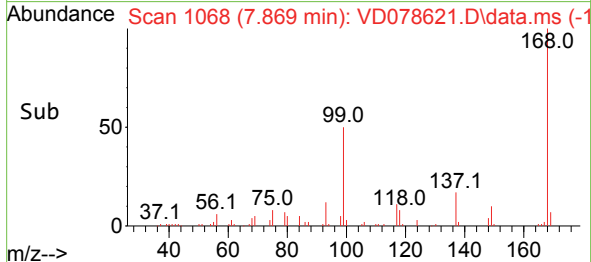
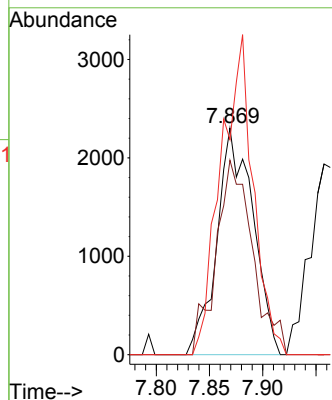
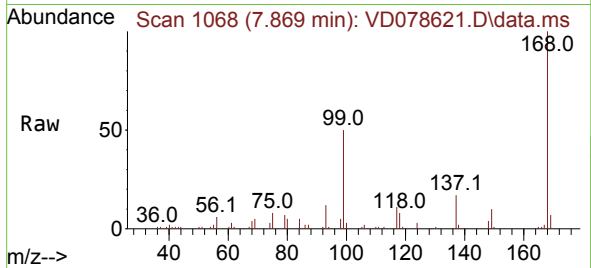




#31
Cyclohexane
Concen: 3.549 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.011 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

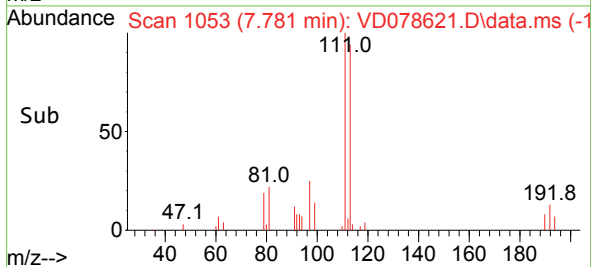
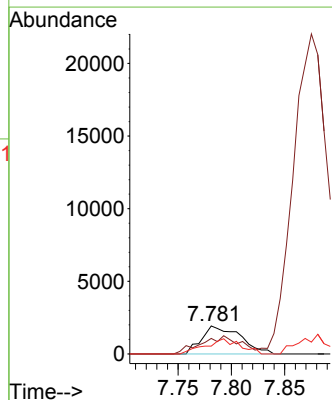
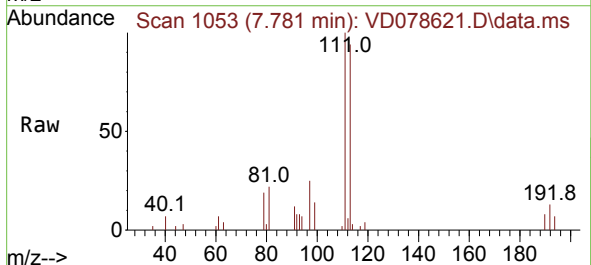
Instrument :
MSVOA_D
ClientSampleId :
MDL03

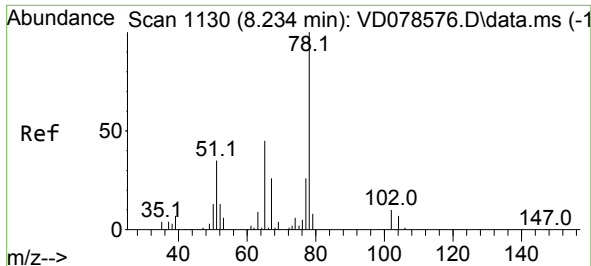
Tgt Ion: 56 Resp: 5426
Ion Ratio Lower Upper
56 100
69 85.8 28.6 43.0#
84 94.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 2.828 ug/l
RT: 7.781 min Scan# 1053
Delta R.T. -0.011 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion: 97 Resp: 4870
Ion Ratio Lower Upper
97 100
99 65.7 52.0 78.0
61 48.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.416 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

Instrument :

MSVOA_D

ClientSampleId :

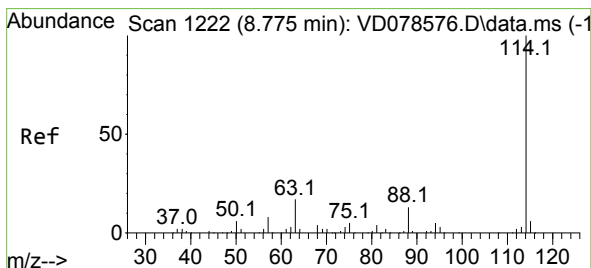
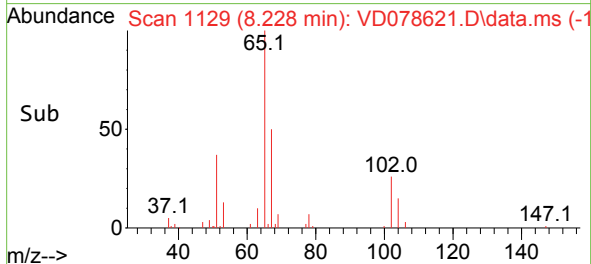
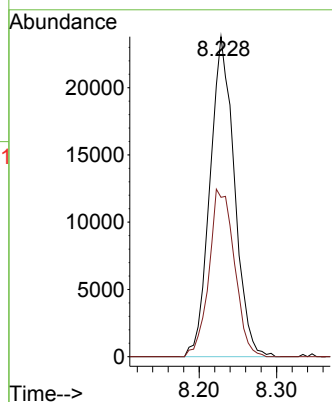
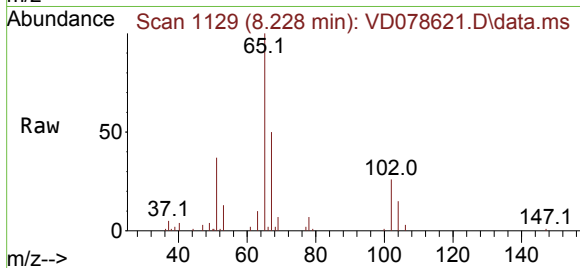
MDL03

Tgt Ion: 65 Resp: 52179

Ion Ratio Lower Upper

65 100

67 54.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

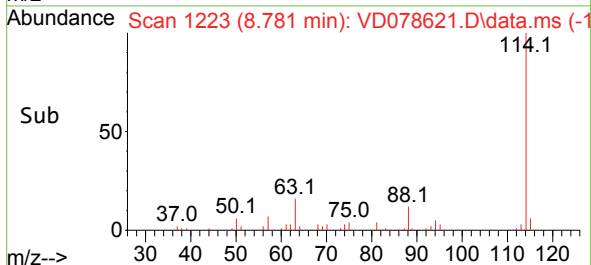
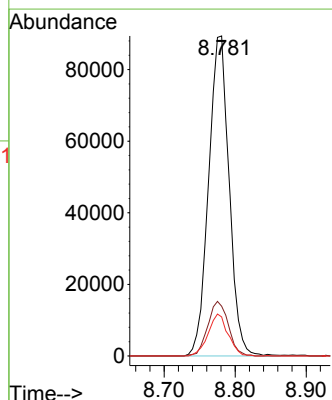
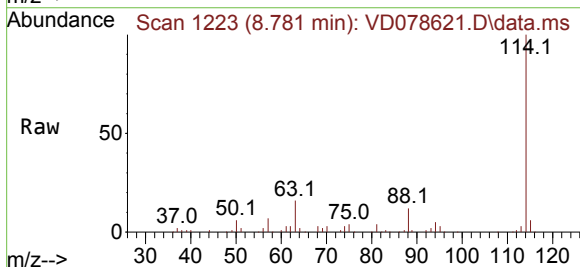
Tgt Ion: 114 Resp: 179564

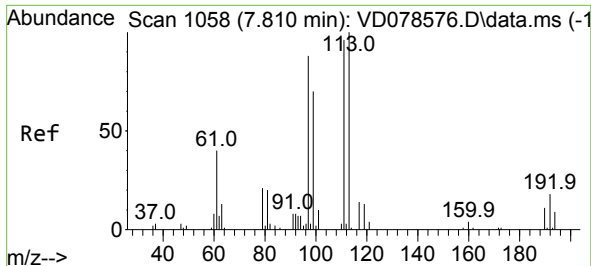
Ion Ratio Lower Upper

114 100

63 15.6 0.0 33.4

88 12.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.718 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

Instrument :

MSVOA_D

ClientSampleId :

MDL03

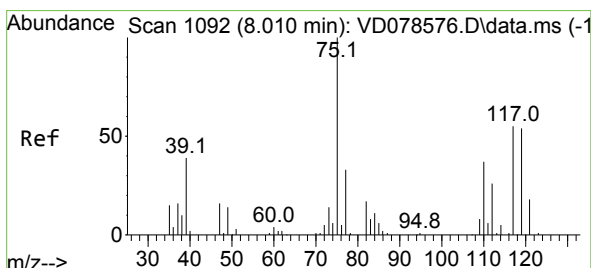
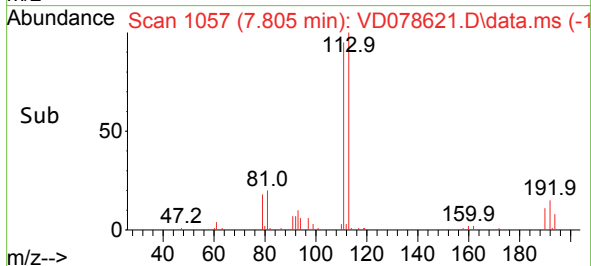
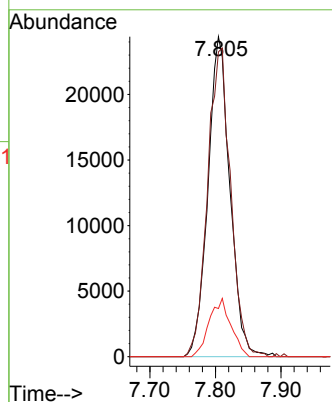
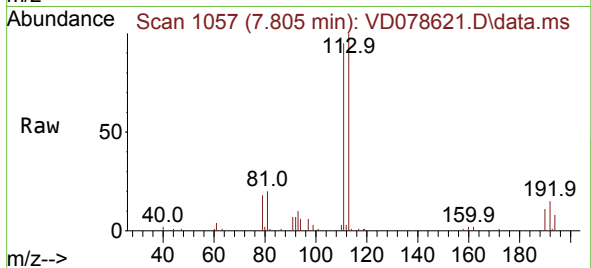
Tgt Ion:113 Resp: 56905

Ion Ratio Lower Upper

113 100

111 101.0 84.7 127.1

192 17.9 16.8 25.2



#36

1,1-Dichloropropene

Concen: 2.568 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

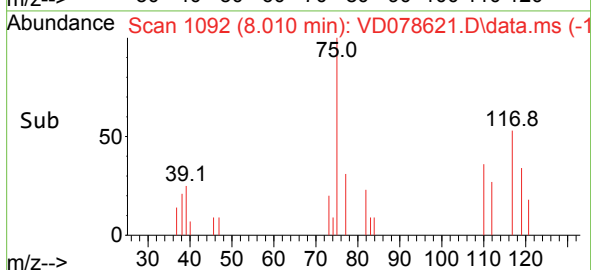
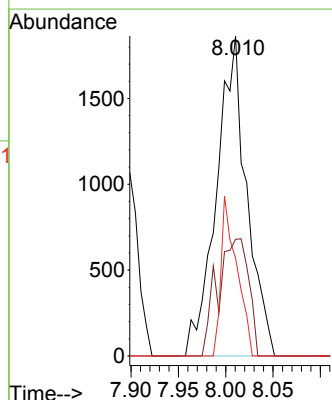
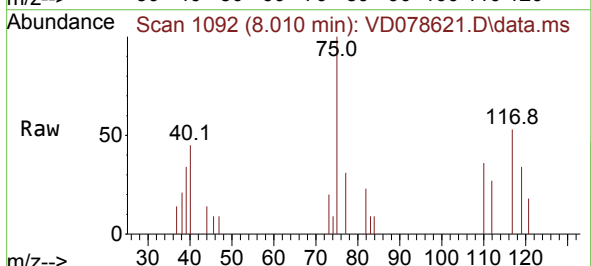
Tgt Ion: 75 Resp: 4150

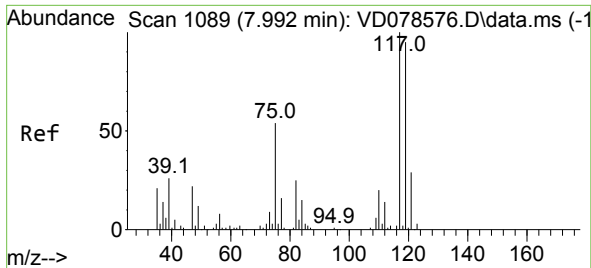
Ion Ratio Lower Upper

75 100

110 37.4 19.9 59.6

77 26.0 24.7 37.1

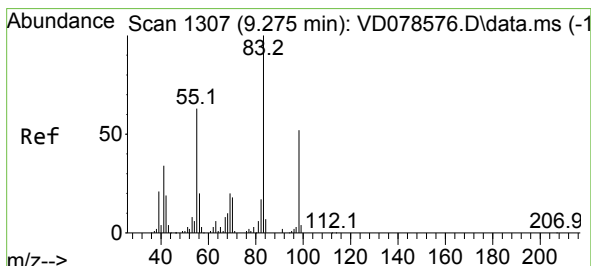
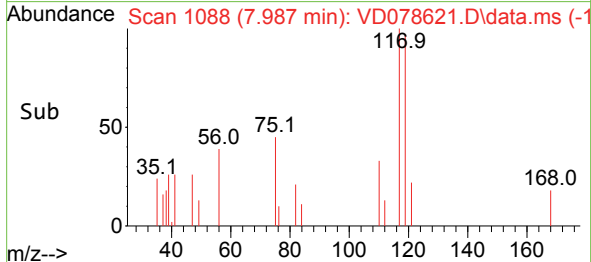
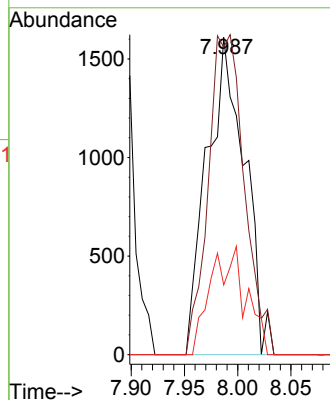
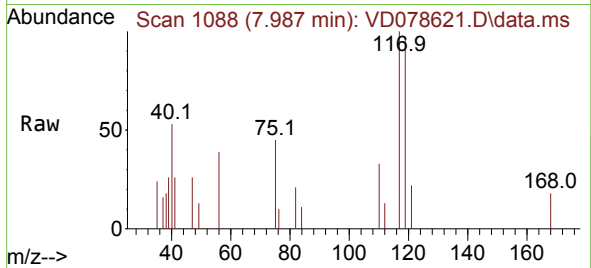




#38
Carbon Tetrachloride
Concen: 2.333 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

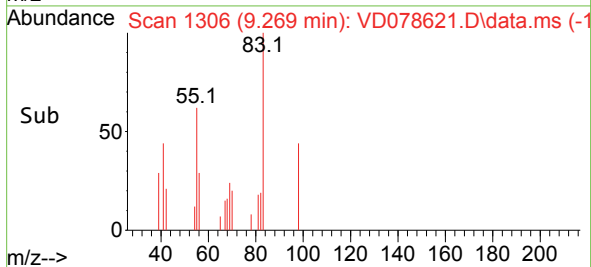
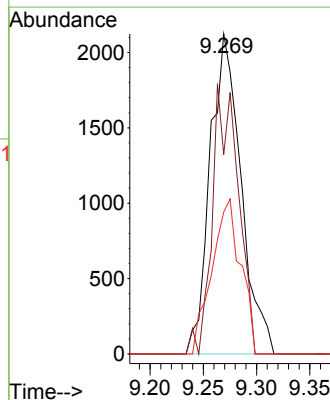
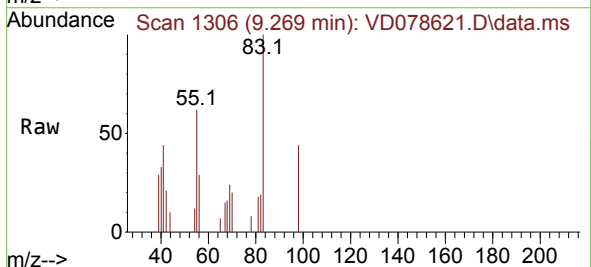
Instrument :
MSVOA_D
ClientSampleId :
MDL03

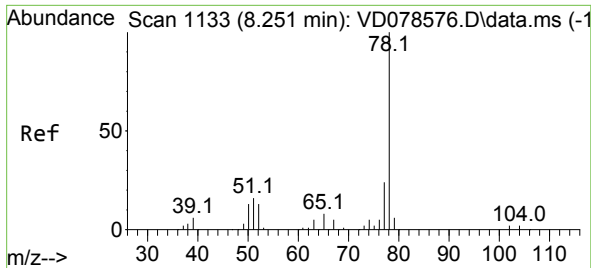
Tgt Ion:117 Resp: 3944
Ion Ratio Lower Upper
117 100
119 97.0 78.0 117.0
121 22.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 2.257 ug/l
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion: 83 Resp: 4282
Ion Ratio Lower Upper
83 100
55 62.3 49.4 74.0
98 44.3 38.4 57.6

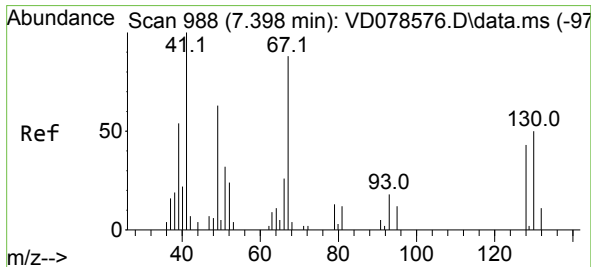
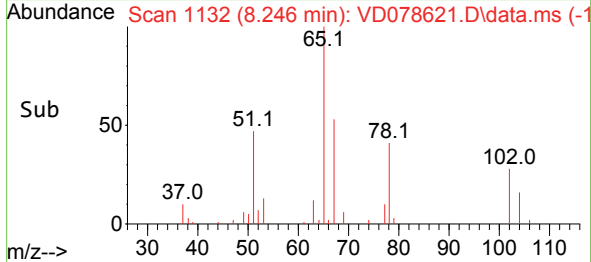
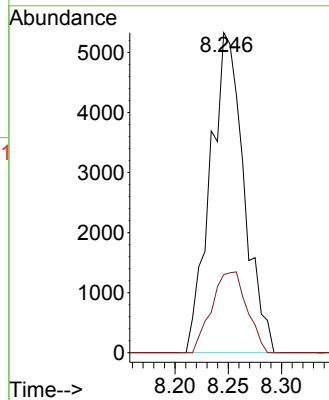
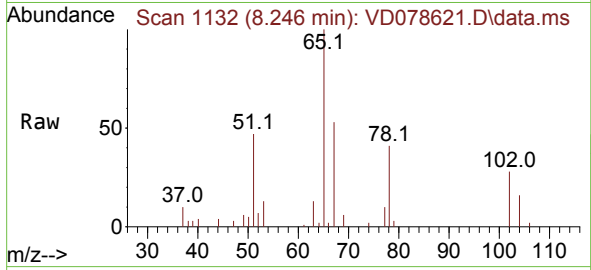




#40
Benzene
Concen: 2.442 ug/l
RT: 8.246 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

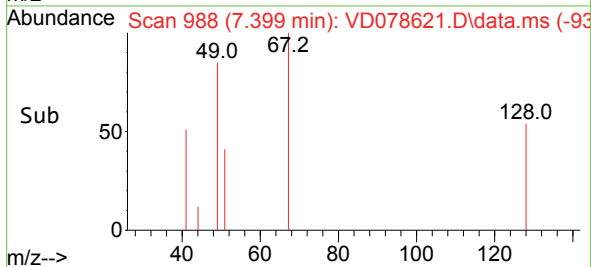
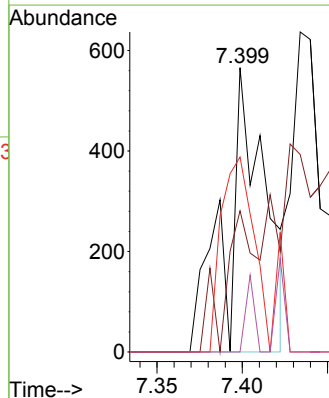
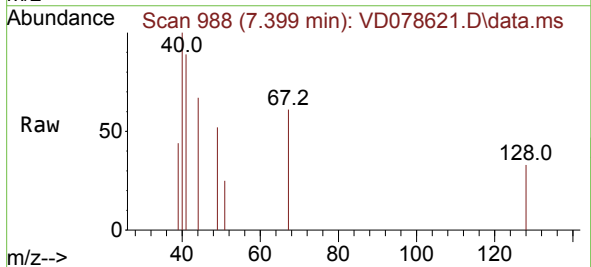
Instrument :
MSVOA_D
ClientSampleId :
MDL03

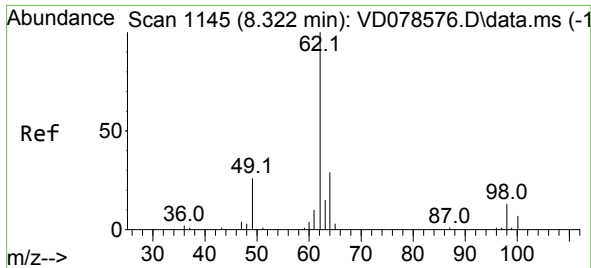
Tgt Ion: 78 Resp: 11700
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0



#41
Methacrylonitrile
Concen: 3.156 ug/l
RT: 7.399 min Scan# 988
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion: 41 Resp: 886
Ion Ratio Lower Upper
41 100
39 41.0 34.0 51.0
67 58.2 77.0 115.4#
52 6.1 27.9 41.9#





#42

1,2-Dichloroethane

Concen: 3.039 ug/l

RT: 8.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

Instrument :

MSVOA_D

ClientSampleId :

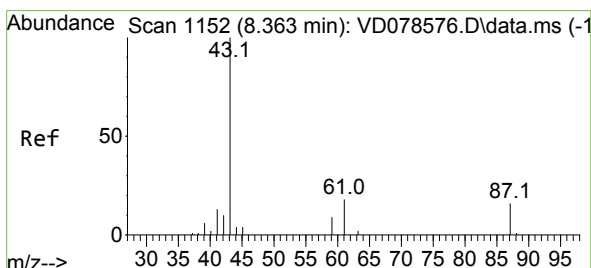
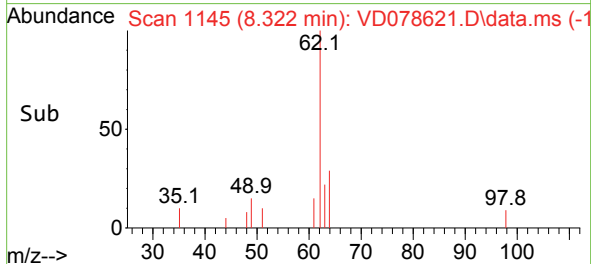
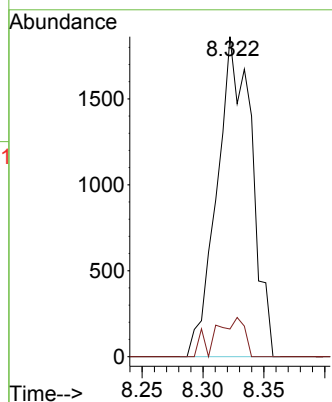
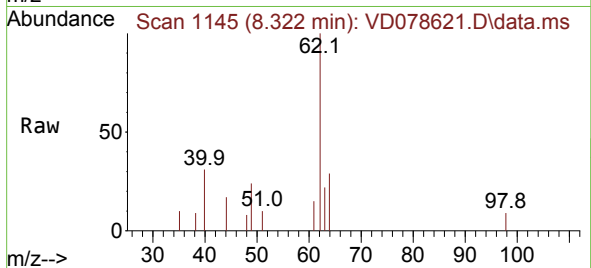
MDL03

Tgt Ion: 62 Resp: 3694

Ion Ratio Lower Upper

62 100

98 10.3 0.0 25.4



#43

Isopropyl Acetate

Concen: 2.833 ug/l

RT: 8.352 min Scan# 1150

Delta R.T. -0.011 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

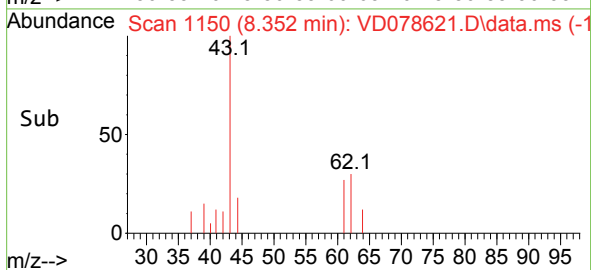
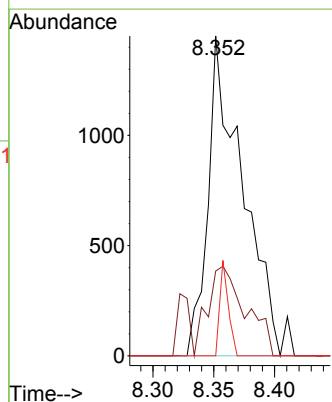
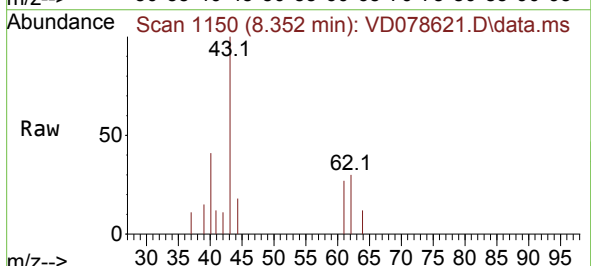
Tgt Ion: 43 Resp: 2845

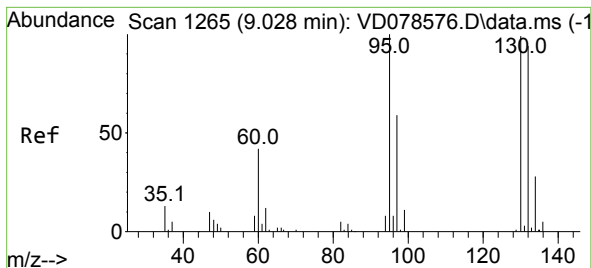
Ion Ratio Lower Upper

43 100

61 31.2 31.4 47.0#

87 7.4 14.9 22.3#





#44

Trichloroethene

Concen: 2.670 ug/l

RT: 9.034 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

Instrument :

MSVOA_D

ClientSampleId :

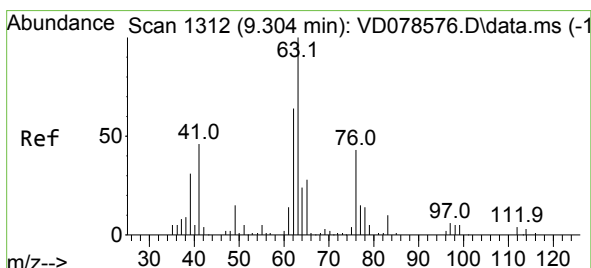
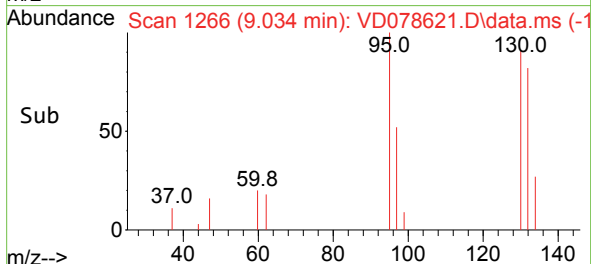
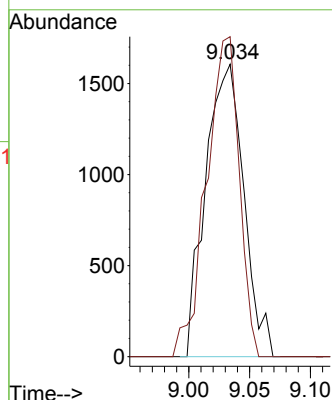
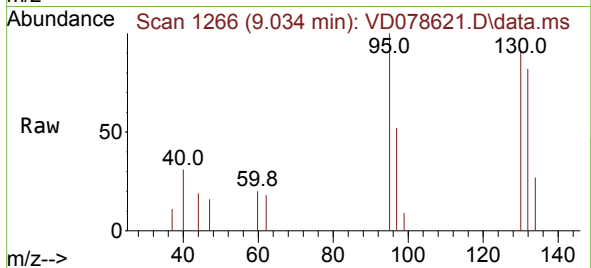
MDL03

Tgt Ion:130 Resp: 3510

Ion Ratio Lower Upper

130 100

95 109.4 0.0 179.2



#45

1,2-Dichloropropane

Concen: 2.767 ug/l

RT: 9.299 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VD078621.D

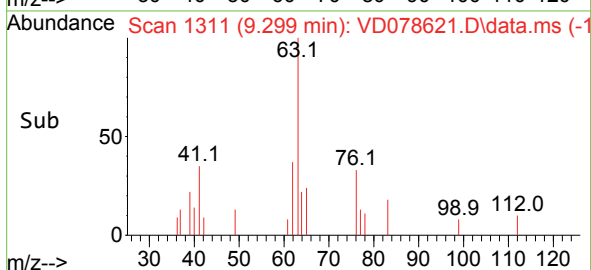
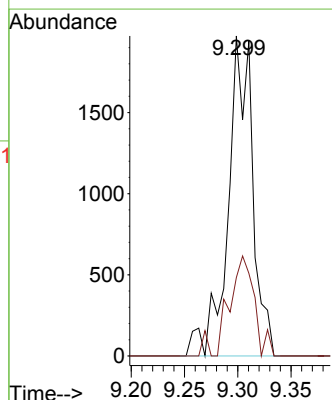
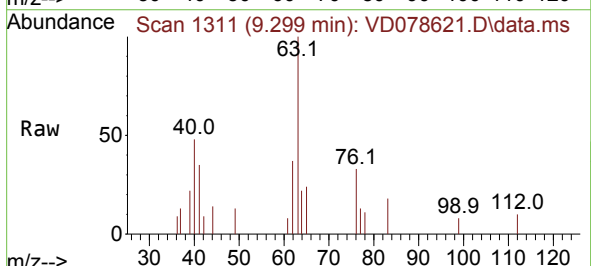
Acq: 08 Mar 2024 17:28

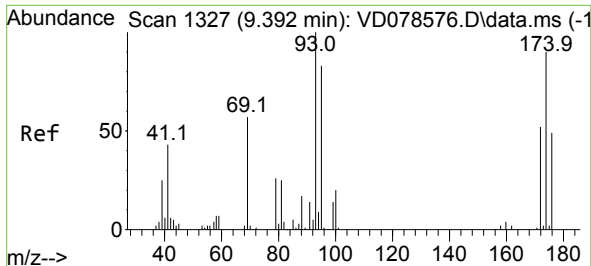
Tgt Ion: 63 Resp: 3184

Ion Ratio Lower Upper

63 100

65 24.5 24.5 36.7

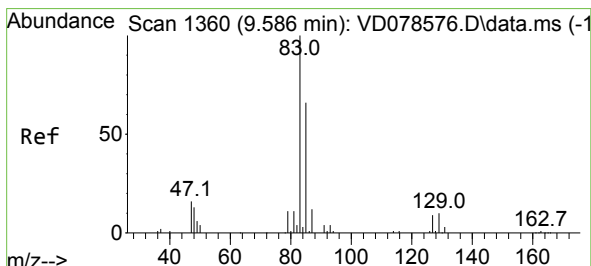
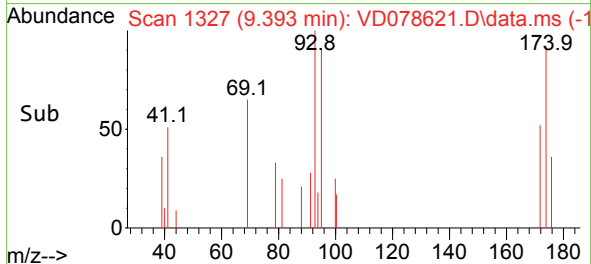
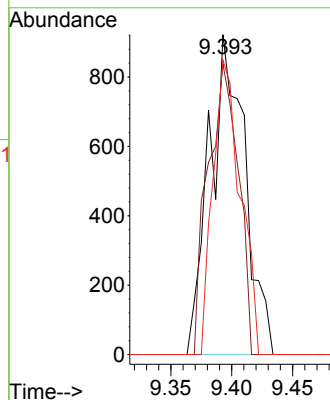
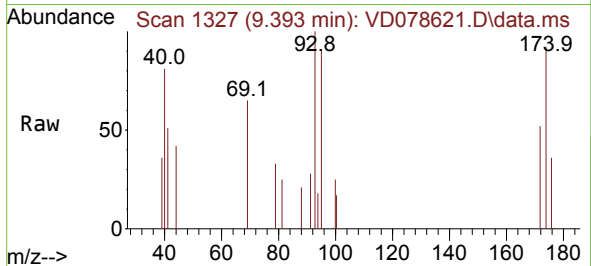




#46
Dibromomethane
Concen: 2.823 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

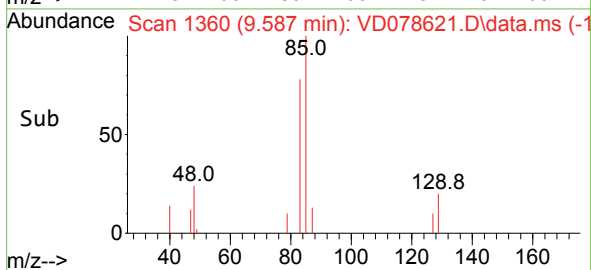
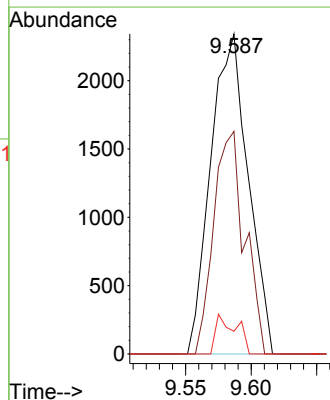
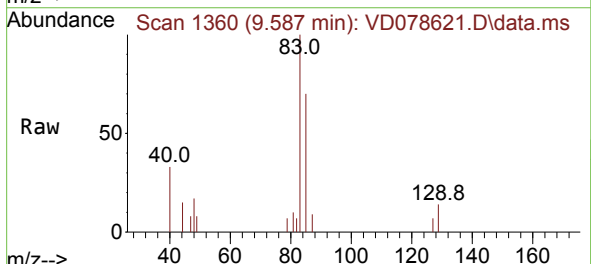
Instrument :
MSVOA_D
ClientSampleId :
MDL03

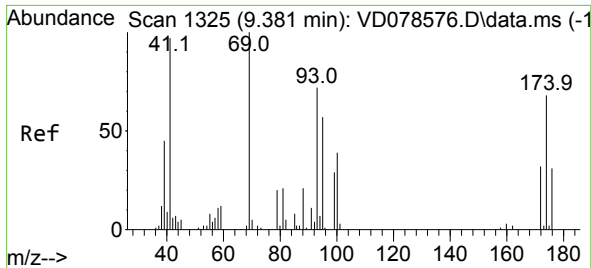
Tgt Ion: 93 Resp: 1873
Ion Ratio Lower Upper
93 100
95 77.6 67.7 101.5
174 71.2 85.4 128.2#



#47
Bromodichloromethane
Concen: 2.844 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion: 83 Resp: 4652
Ion Ratio Lower Upper
83 100
85 69.6 50.2 75.4
127 7.1 6.3 9.5





#48

Methyl methacrylate

Concen: 3.028 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

Instrument :

MSVOA_D

ClientSampleId :

MDL03

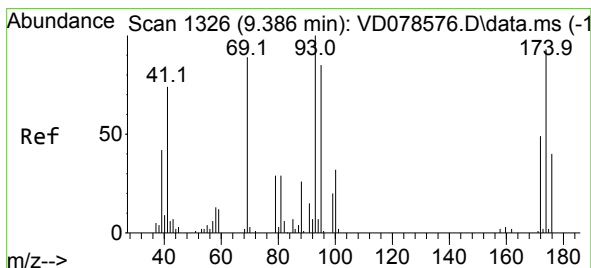
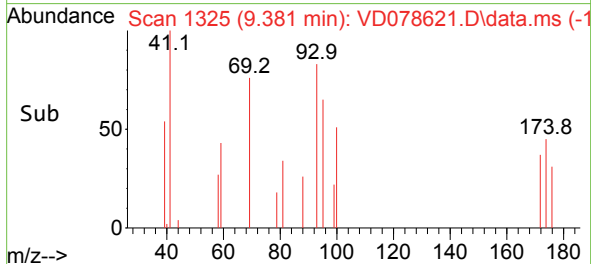
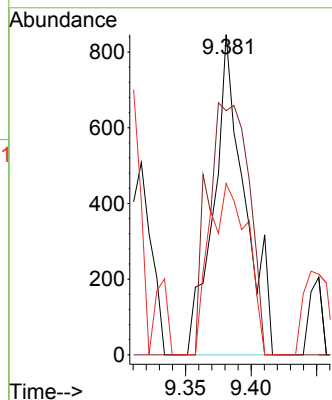
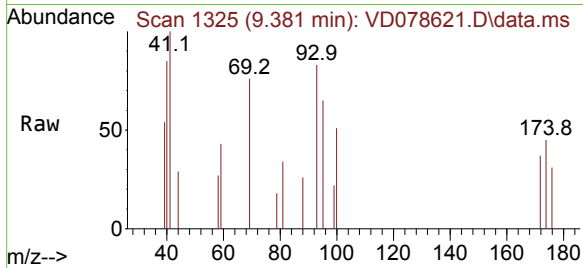
Tgt Ion: 41 Resp: 1377

Ion Ratio Lower Upper

41 100

69 106.0 102.2 153.2

39 67.1 41.4 62.2#



#49

1,4-Dioxane

Concen: 45.702 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.001 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

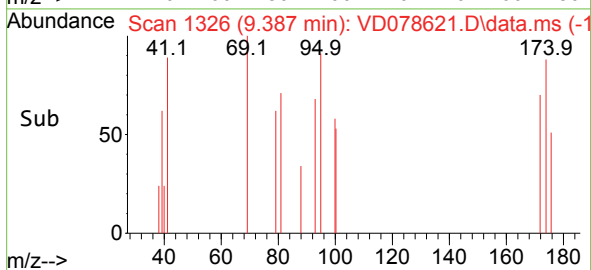
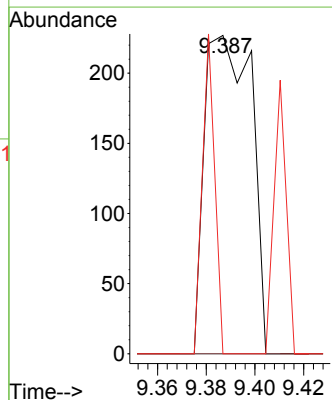
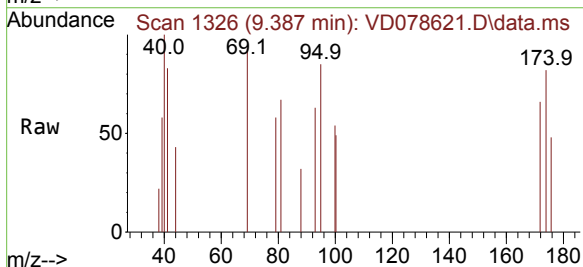
Tgt Ion: 88 Resp: 302

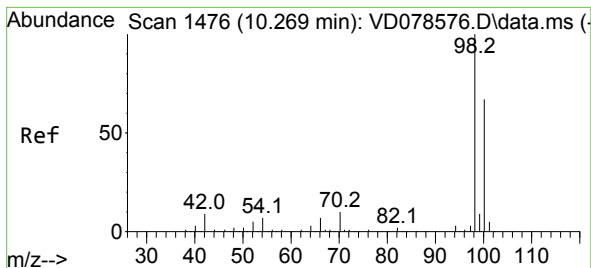
Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.6#

58 26.5 43.5 65.3#





#50

Toluene-d8

Concen: 44.264 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

Instrument :

MSVOA_D

ClientSampleId :

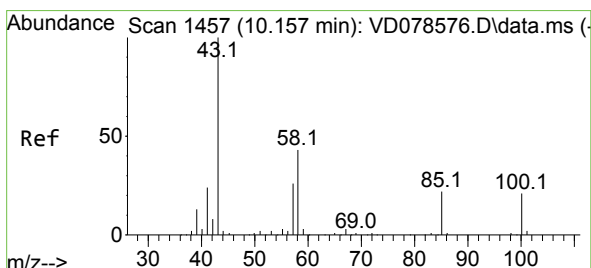
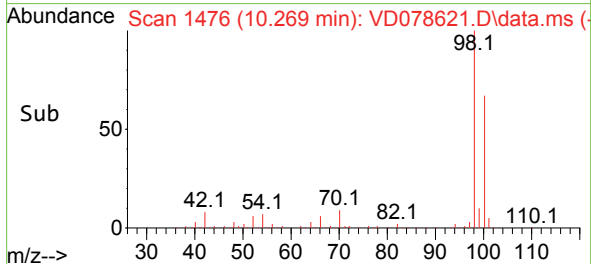
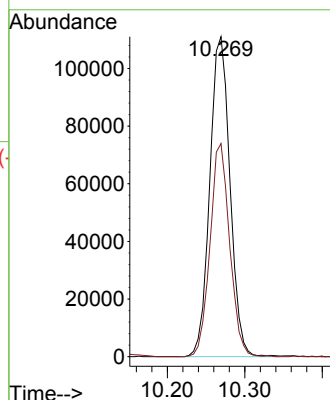
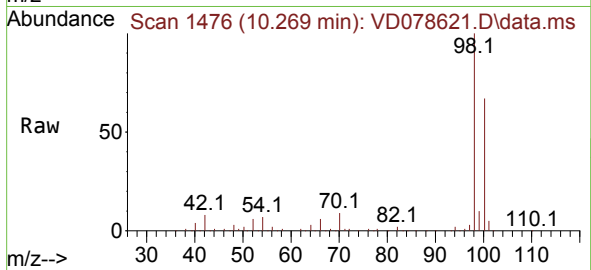
MDL03

Tgt Ion: 98 Resp: 200906

Ion Ratio Lower Upper

98 100

100 64.9 50.3 75.5



#51

4-Methyl-2-Pentanone

Concen: 13.536 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD078621.D

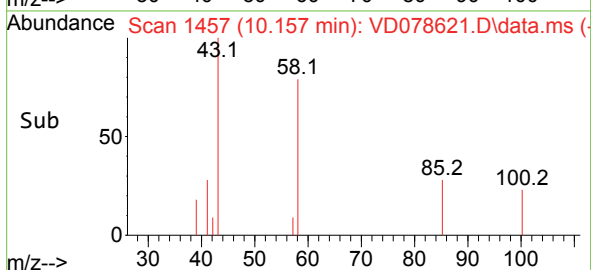
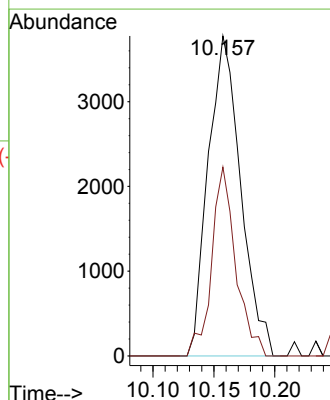
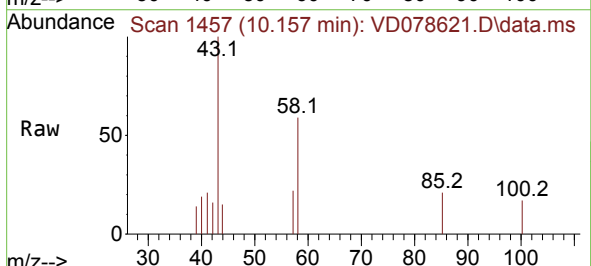
Acq: 08 Mar 2024 17:28

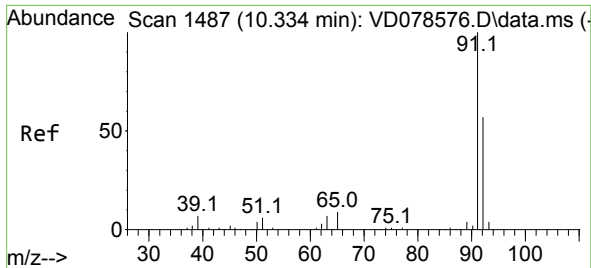
Tgt Ion: 43 Resp: 7015

Ion Ratio Lower Upper

43 100

58 43.8 38.9 58.3

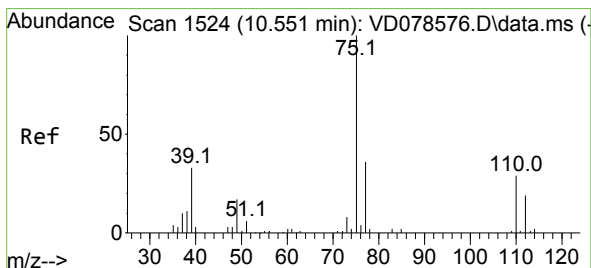
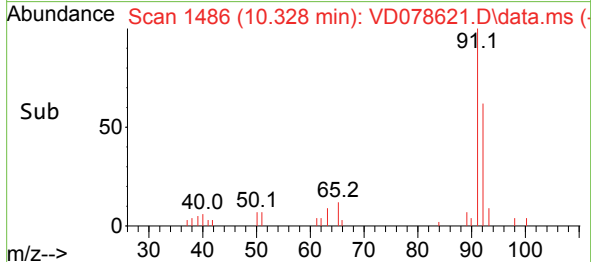
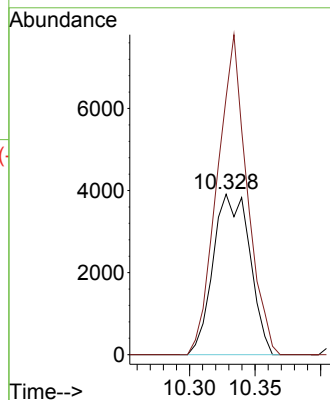
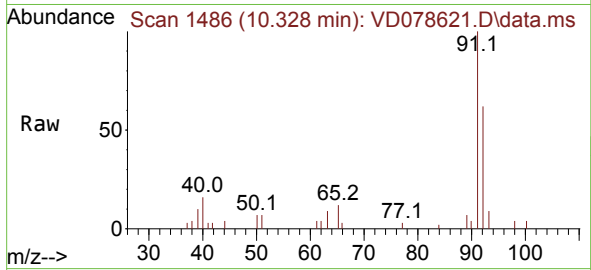




#52
Toluene
Concen: 2.478 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

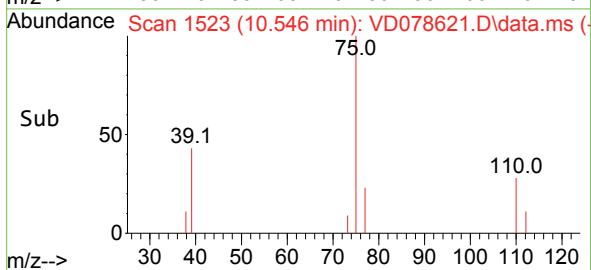
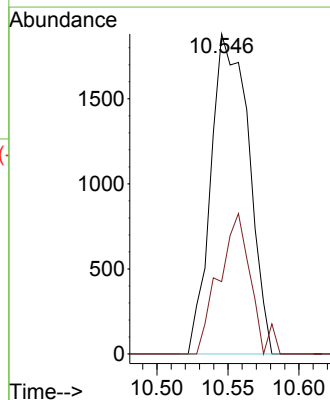
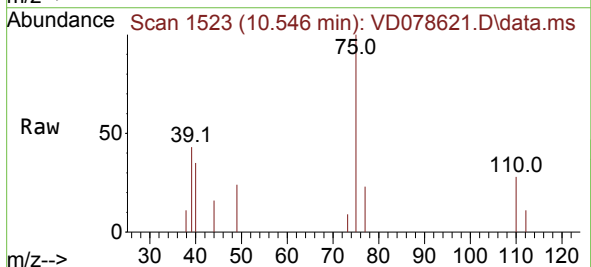
Instrument :
MSVOA_D
ClientSampleId :
MDL03

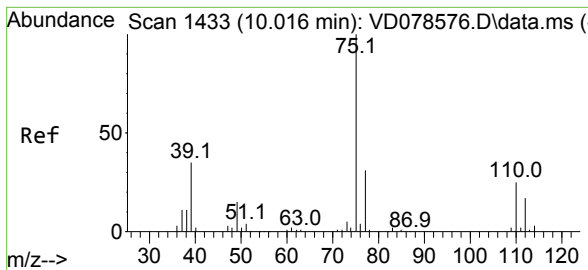
Tgt Ion: 92 Resp: 7619
Ion Ratio Lower Upper
92 100
91 162.0 143.0 214.4



#53
t-1,3-Dichloropropene
Concen: 2.299 ug/l
RT: 10.546 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion: 75 Resp: 3480
Ion Ratio Lower Upper
75 100
77 22.6 25.3 37.9#

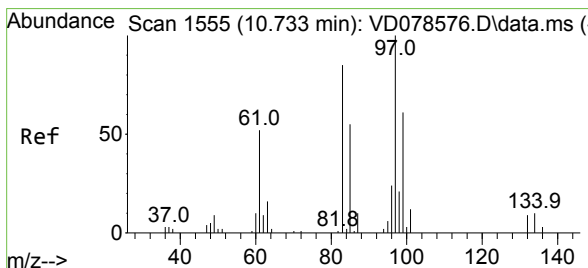
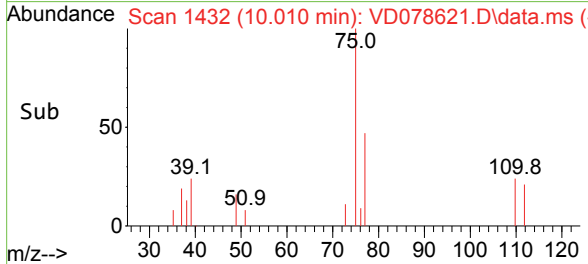
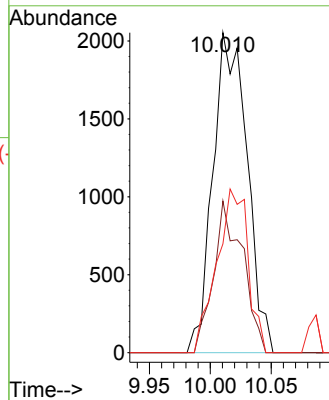
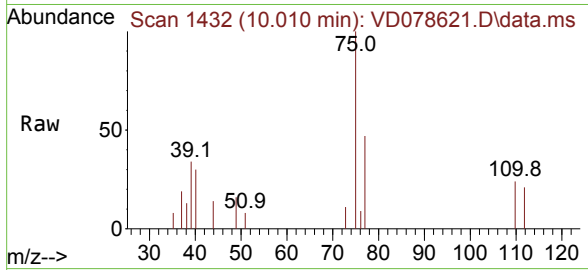




#54
cis-1,3-Dichloropropene
Concen: 2.206 ug/l
RT: 10.010 min Scan# 1432
Delta R.T. -0.006 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

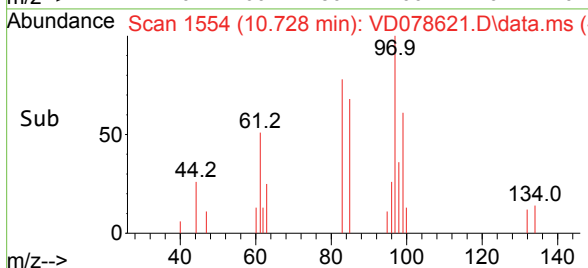
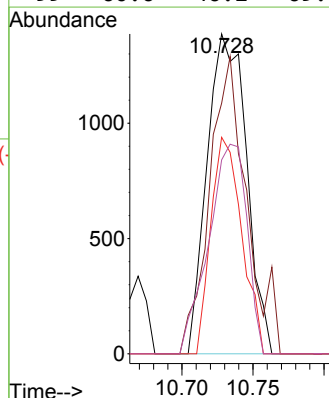
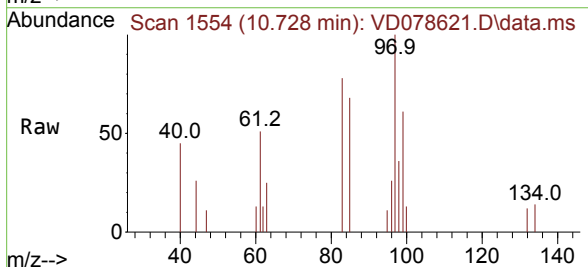
Instrument :
MSVOA_D
ClientSampleId :
MDL03

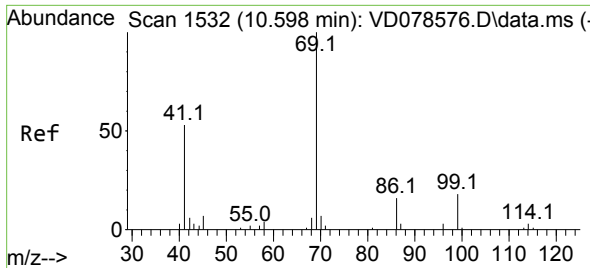
Tgt Ion: 75 Resp: 3998
Ion Ratio Lower Upper
75 100
77 47.4 25.5 38.3#
39 34.0 22.1 33.1#



#55
1,1,2-Trichloroethane
Concen: 2.856 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion: 97 Resp: 2668
Ion Ratio Lower Upper
97 100
83 78.4 65.8 98.6
85 67.7 45.7 68.5
99 60.6 46.2 69.4

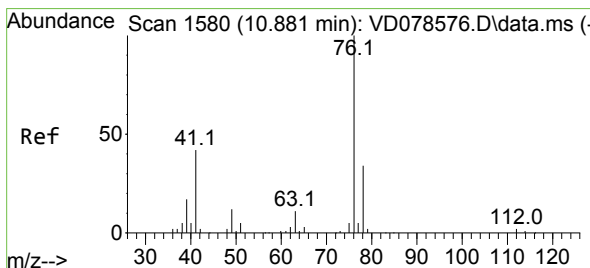
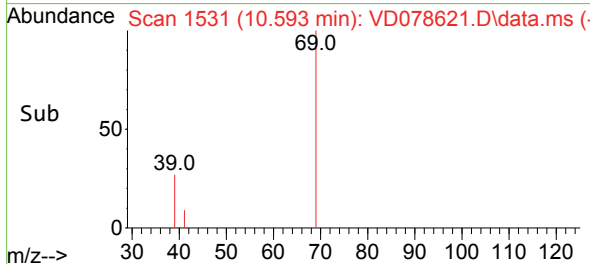
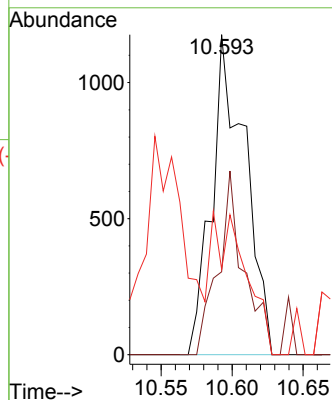
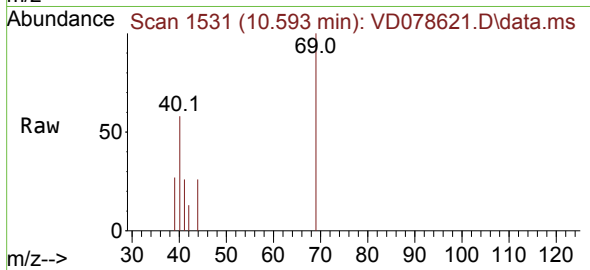




#56
Ethyl methacrylate
Concen: 2.060 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.006 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

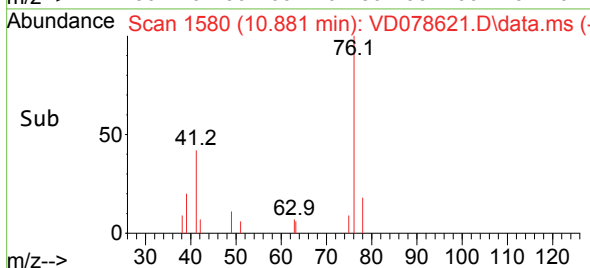
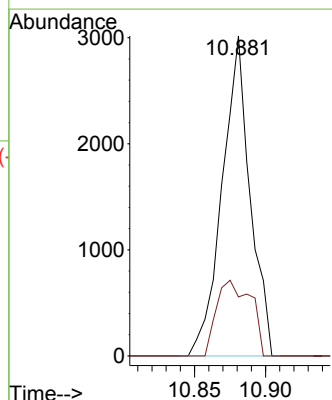
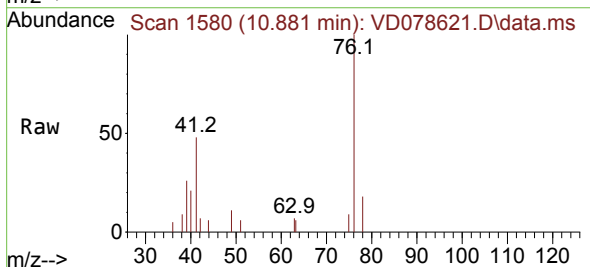
Instrument :
MSVOA_D
ClientSampleId :
MDL03

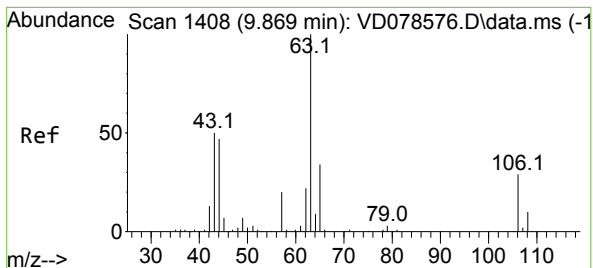
Tgt Ion: 69 Resp: 1929
Ion Ratio Lower Upper
69 100
41 44.1 39.1 58.7
39 44.7 20.0 30.0#



#57
1,3-Dichloropropane
Concen: 2.723 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion: 76 Resp: 4123
Ion Ratio Lower Upper
76 100
78 28.9 26.4 39.6

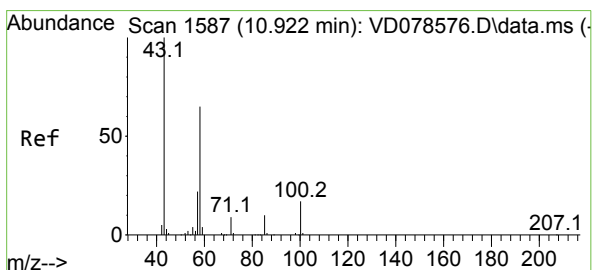
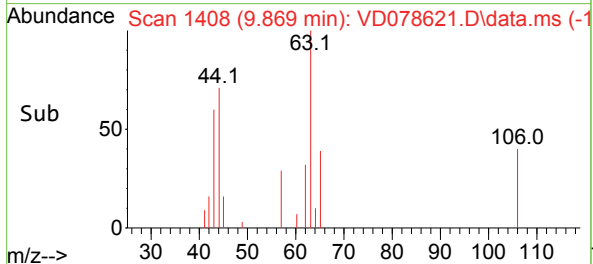
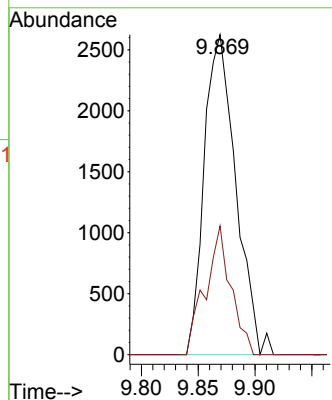
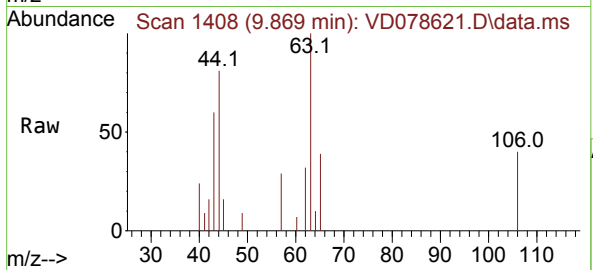




#58
2-Chloroethyl Vinyl ether
Concen: 11.967 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

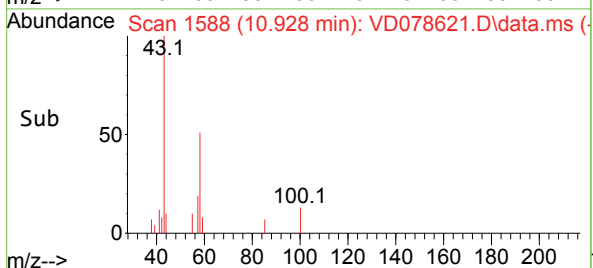
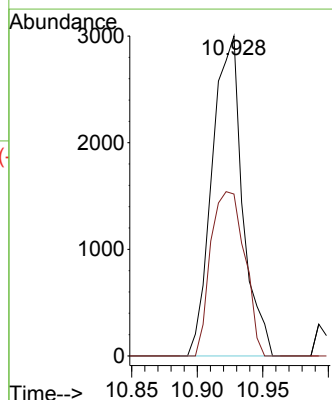
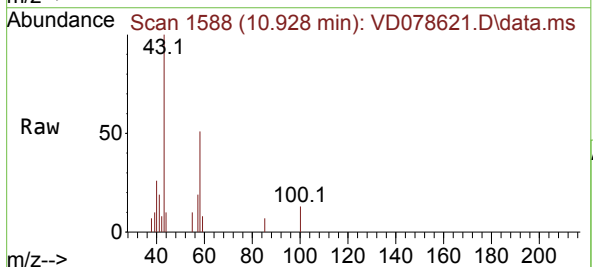
Instrument :
MSVOA_D
ClientSampleId :
MDL03

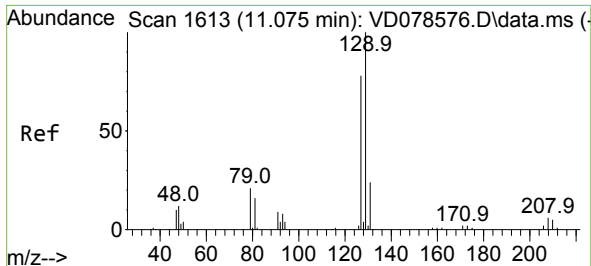
Tgt Ion: 63 Resp: 5074
Ion Ratio Lower Upper
63 100
106 32.6 25.3 37.9



#59
2-Hexanone
Concen: 12.609 ug/l
RT: 10.928 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion: 43 Resp: 4847
Ion Ratio Lower Upper
43 100
58 57.3 34.1 102.2

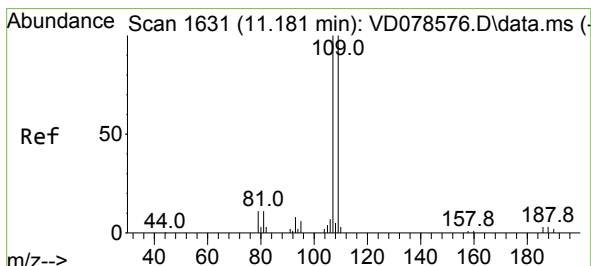
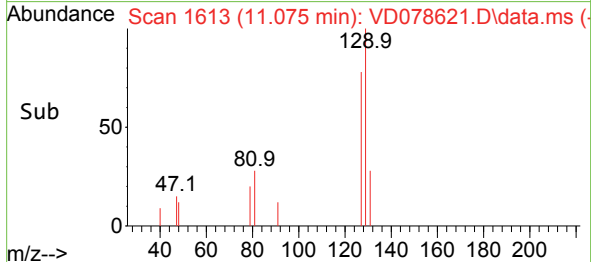
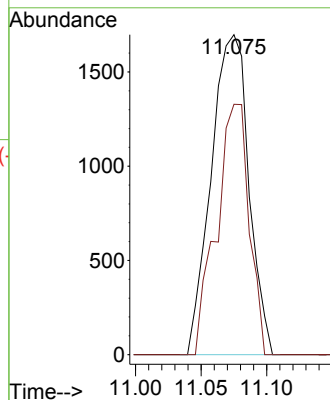
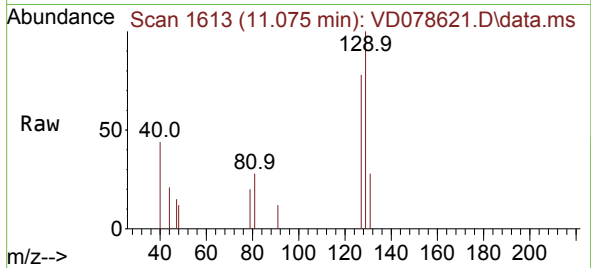




#60
Dibromochloromethane
Concen: 3.004 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

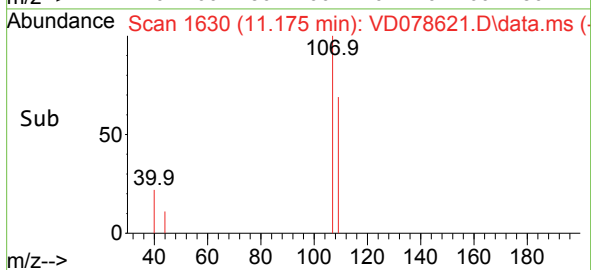
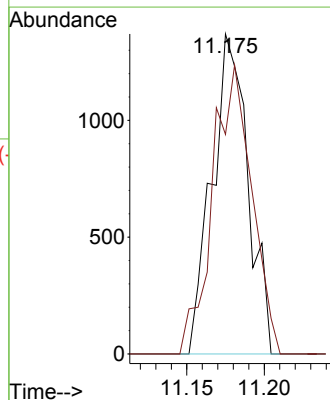
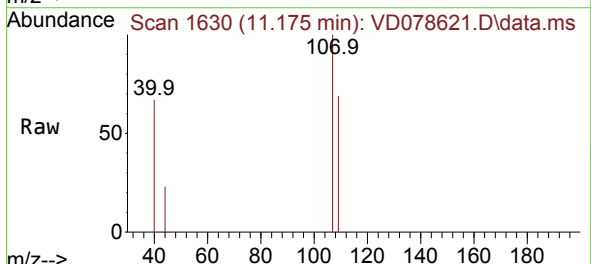
Instrument :
MSVOA_D
ClientSampleId :
MDL03

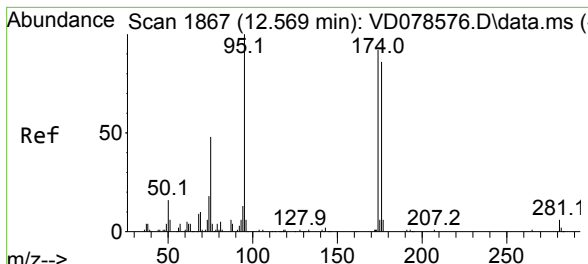
Tgt Ion:129 Resp: 3389
Ion Ratio Lower Upper
129 100
127 67.7 37.1 111.5



#61
1,2-Dibromoethane
Concen: 2.578 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion:107 Resp: 2210
Ion Ratio Lower Upper
107 100
109 98.4 75.6 113.4

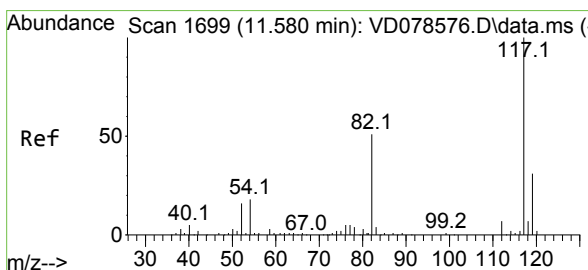
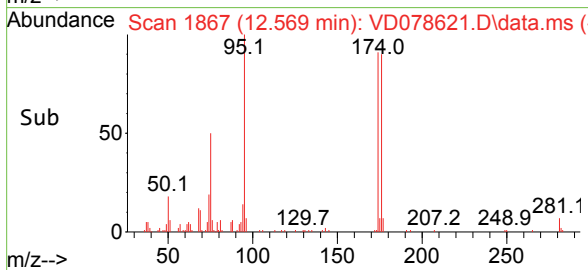
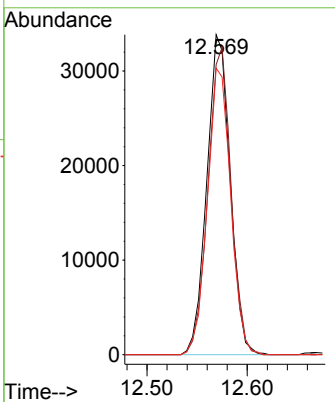
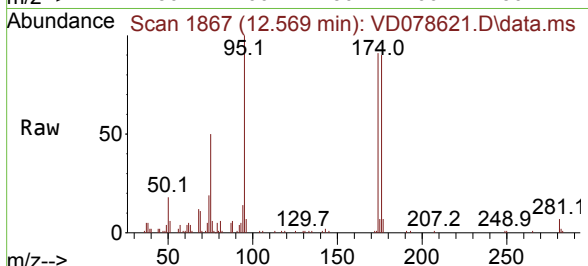




#62
 4-Bromofluorobenzene
 Concen: 42.112 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VD078621.D
 Acq: 08 Mar 2024 17:28

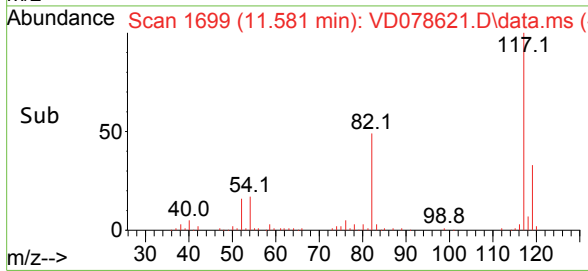
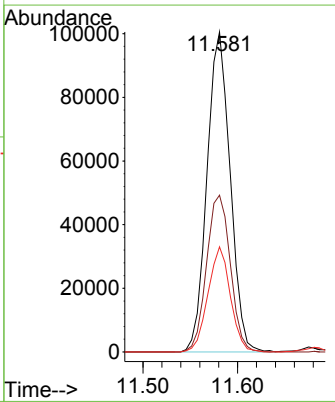
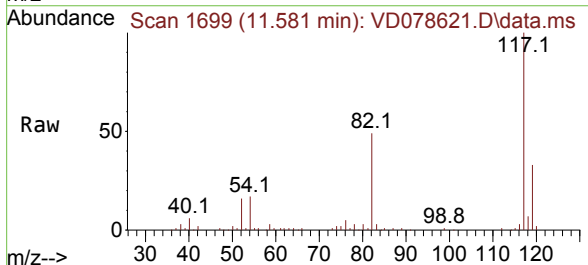
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL03

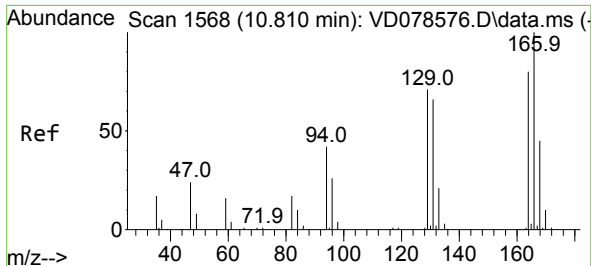
Tgt Ion:	95	Resp:	54592
Ion	Ratio	Lower	Upper
95	100		
174	95.3	0.0	201.8
176	89.5	0.0	191.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. 0.000 min
 Lab File: VD078621.D
 Acq: 08 Mar 2024 17:28

Tgt Ion:	117	Resp:	170854
Ion	Ratio	Lower	Upper
117	100		
82	49.0	38.3	57.5
119	32.9	25.0	37.4

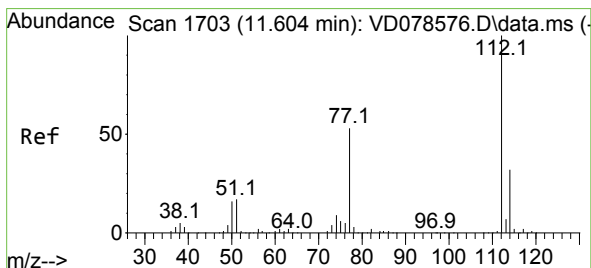
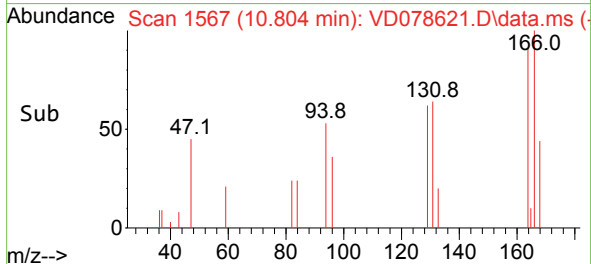
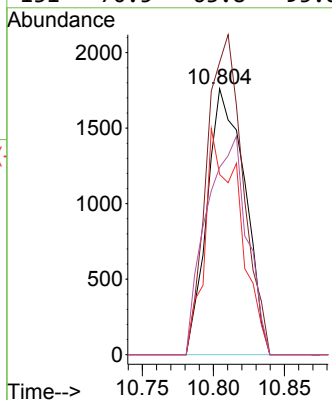
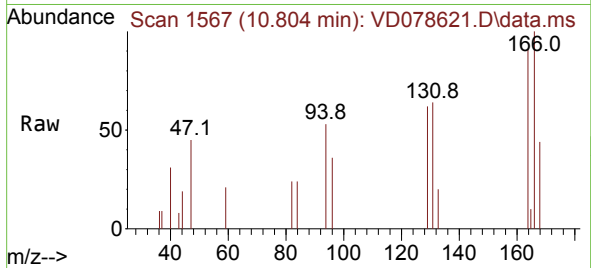




#64
Tetrachloroethene
Concen: 3.019 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

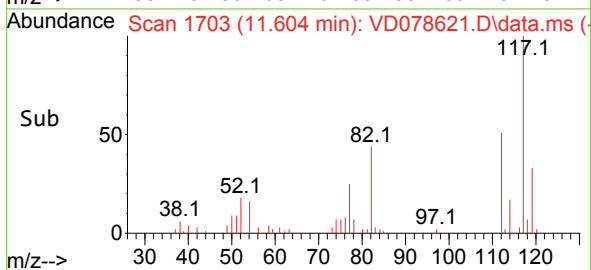
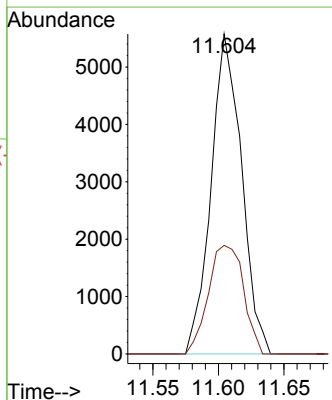
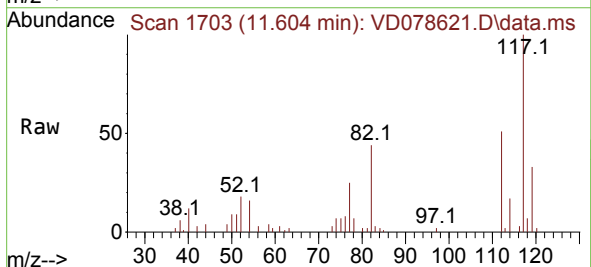
Instrument :
MSVOA_D
ClientSampleId :
MDL03

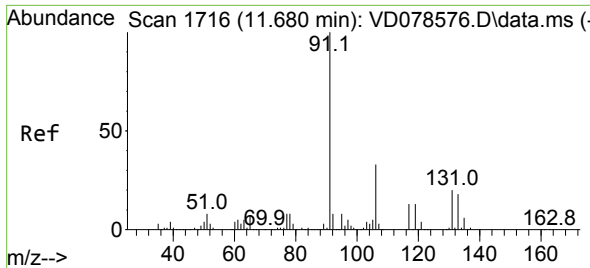
Tgt Ion:164 Resp: 3245
Ion Ratio Lower Upper
164 100
166 110.0 99.2 148.8
129 67.7 68.4 102.6#
131 70.5 63.8 95.8



#65
Chlorobenzene
Concen: 2.679 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion:112 Resp: 9014
Ion Ratio Lower Upper
112 100
114 33.9 25.1 37.7

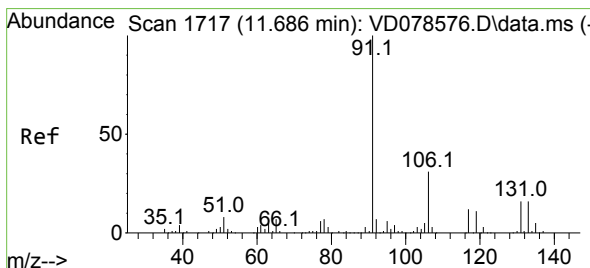
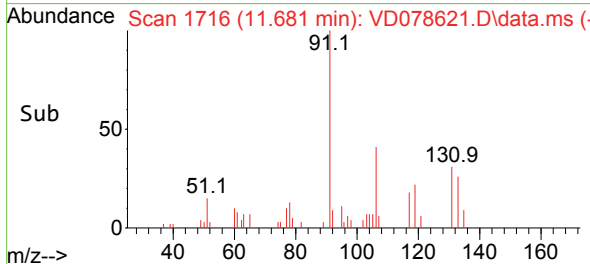
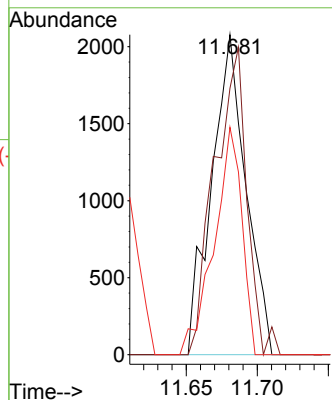
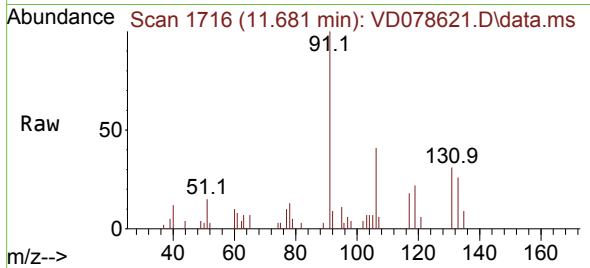




#66
1,1,1,2-Tetrachloroethane
Concen: 2.797 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

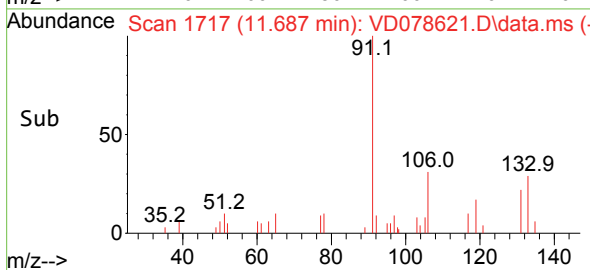
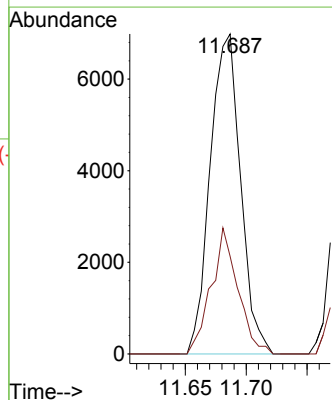
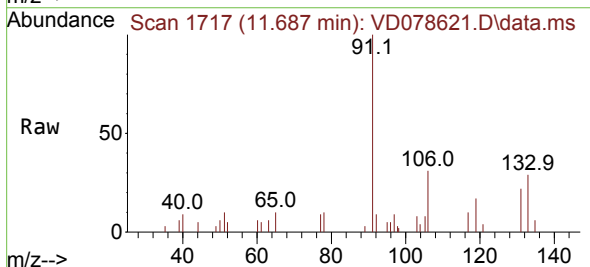
Instrument :
MSVOA_D
ClientSampleId :
MDL03

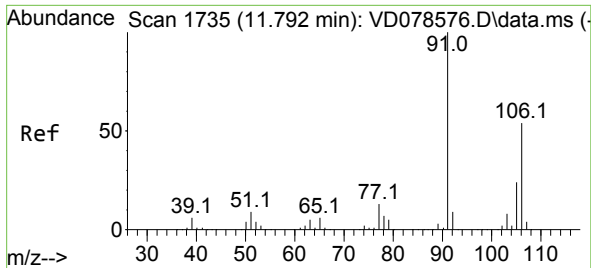
Tgt Ion:131 Resp: 3503
Ion Ratio Lower Upper
131 100
133 90.2 48.5 145.5
119 57.1 35.6 106.9



#67
Ethyl Benzene
Concen: 2.075 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion: 91 Resp: 12094
Ion Ratio Lower Upper
91 100
106 30.5 26.5 39.7

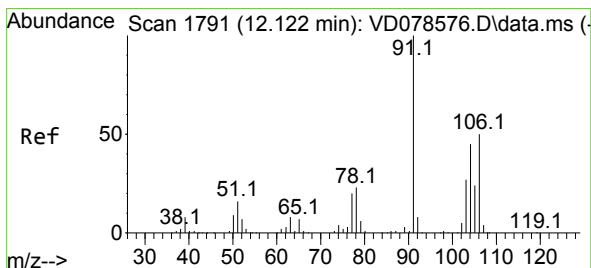
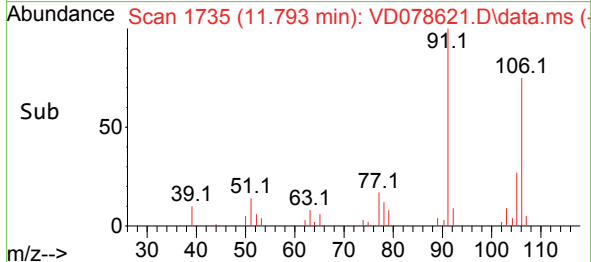
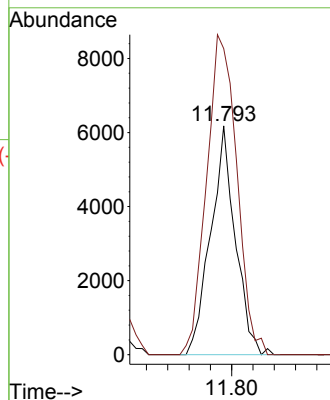
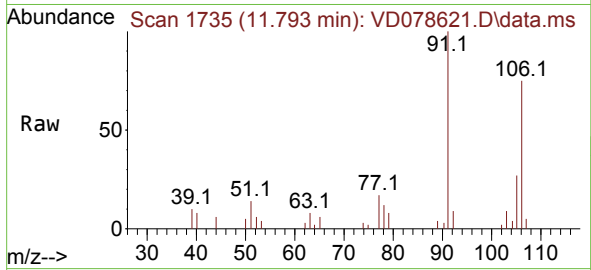




#68
m/p-Xylenes
Concen: 4.215 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

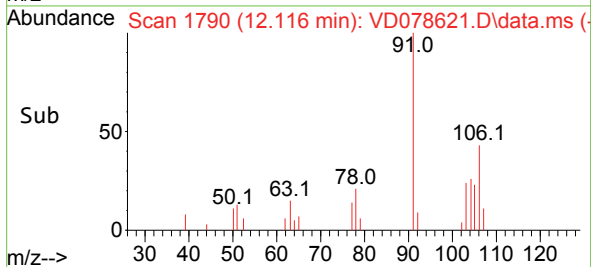
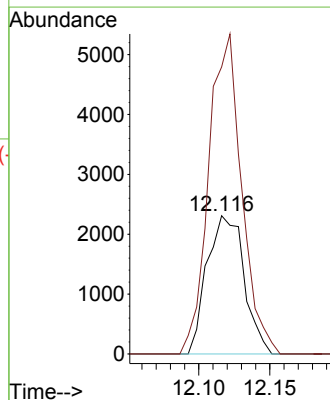
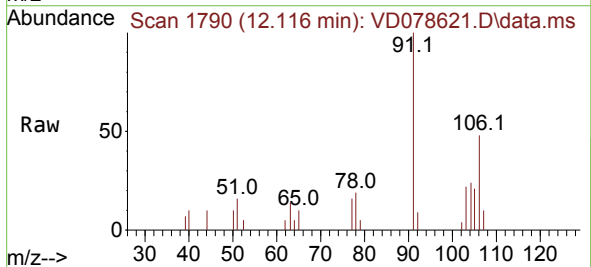
Instrument :
MSVOA_D
ClientSampleId :
MDL03

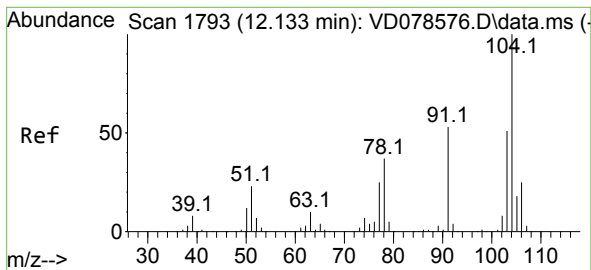
Tgt Ion:106 Resp: 9941
Ion Ratio Lower Upper
106 100
91 171.5 147.0 220.6



#69
o-Xylene
Concen: 1.958 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion:106 Resp: 4189
Ion Ratio Lower Upper
106 100
91 206.0 97.9 293.6





#70

Styrene

Concen: 1.580 ug/l

RT: 12.134 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

Instrument :

MSVOA_D

ClientSampleId :

MDL03

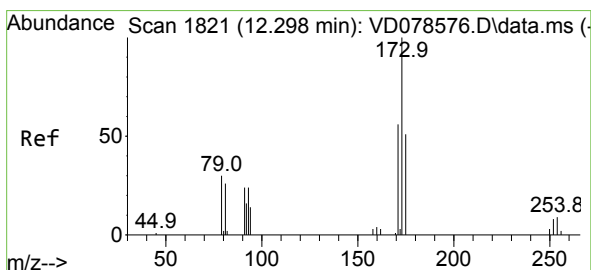
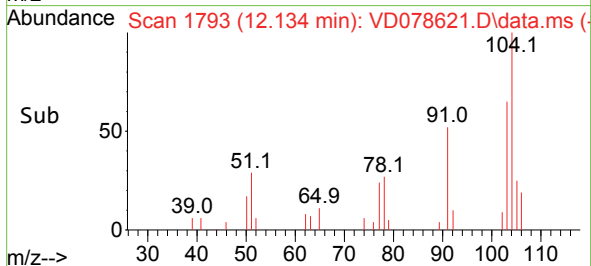
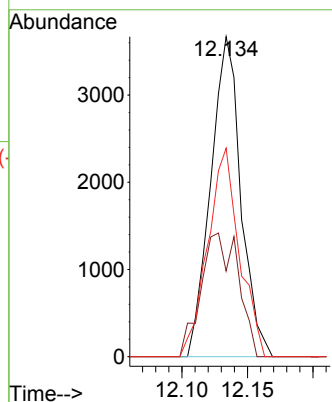
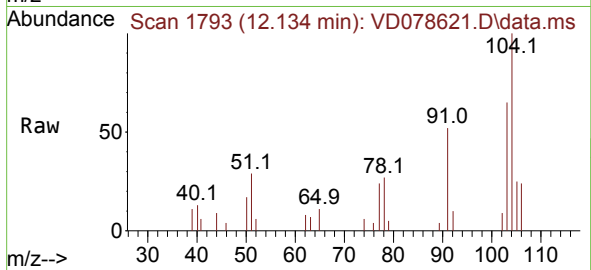
Tgt Ion:104 Resp: 5858

Ion Ratio Lower Upper

104 100

78 47.7 33.2 49.8

103 68.4 43.6 65.4#



#71

Bromoform

Concen: 2.565 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

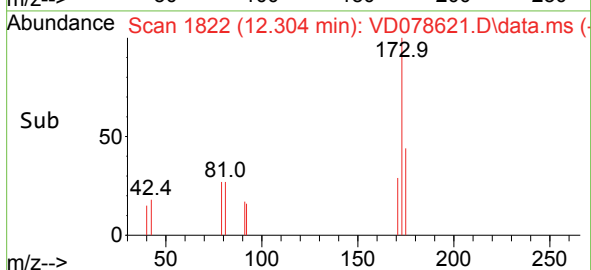
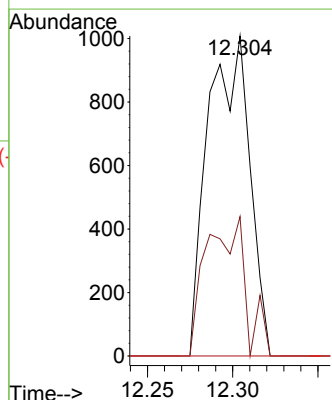
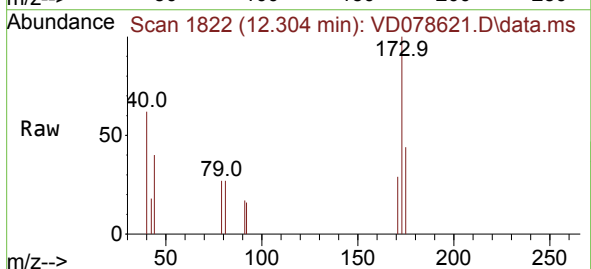
Tgt Ion:173 Resp: 1709

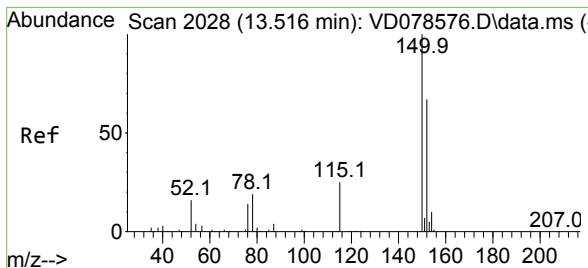
Ion Ratio Lower Upper

173 100

175 41.1 24.6 73.8

254 0.0 0.0 0.0

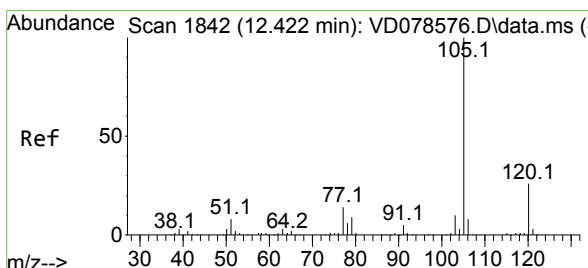
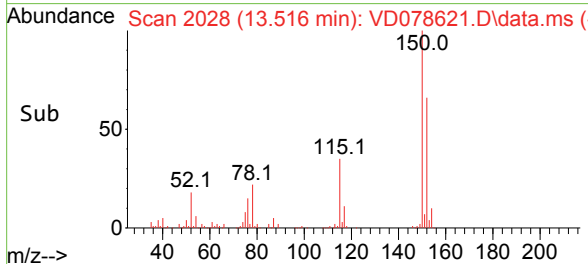
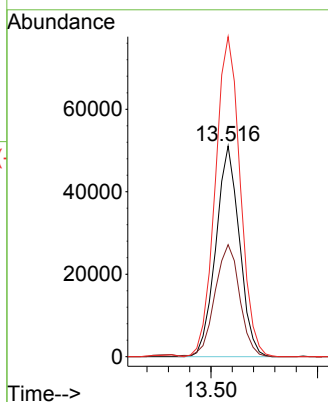
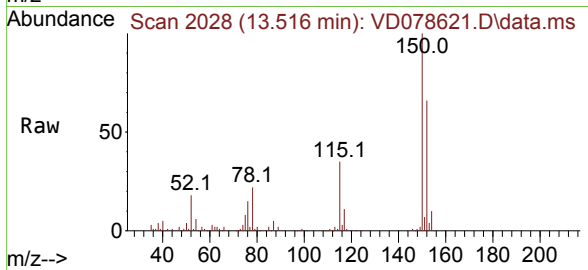




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

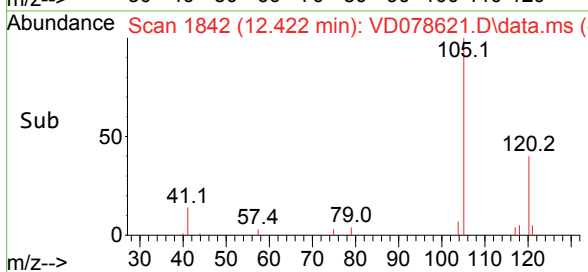
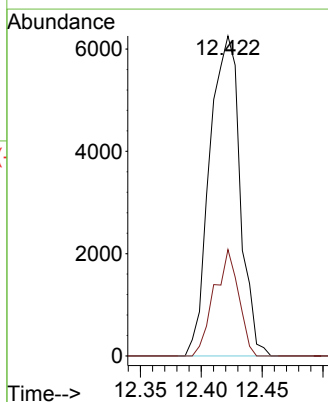
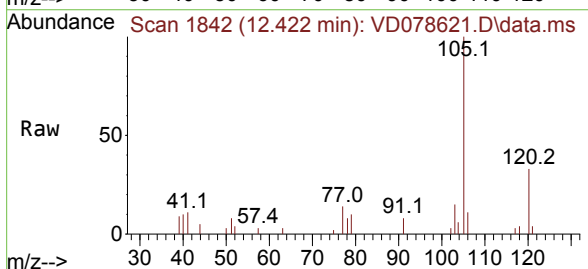
Instrument :
MSVOA_D
ClientSampleId :
MDL03

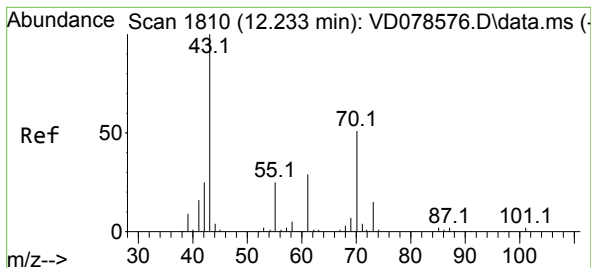
Tgt Ion:152 Resp: 78274
Ion Ratio Lower Upper
152 100
115 56.0 27.1 81.3
150 160.7 0.0 353.6



#73
Isopropylbenzene
Concen: 2.191 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion:105 Resp: 10873
Ion Ratio Lower Upper
105 100
120 26.6 14.3 42.9





#74

N-amy1 acetate

Concen: 2.255 ug/l

RT: 12.228 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

Instrument :

MSVOA_D

ClientSampleId :

MDL03

Tgt Ion: 43 Resp: 1883

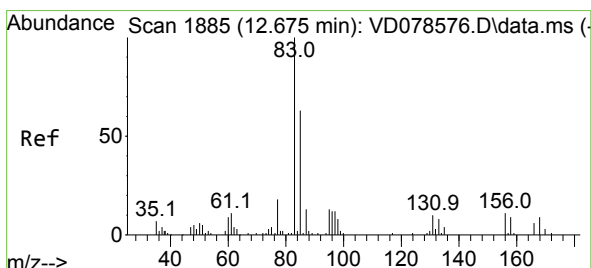
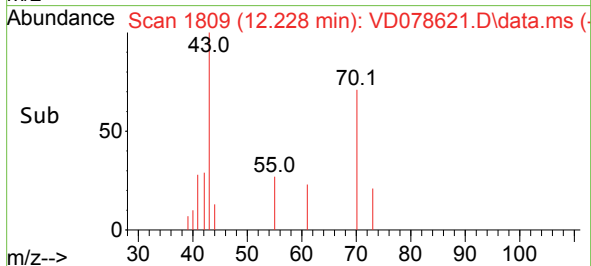
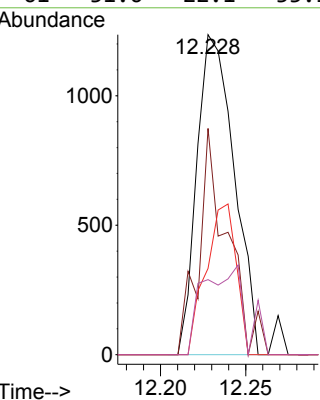
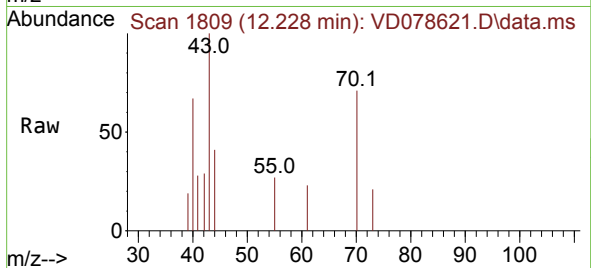
Ion Ratio Lower Upper

43 100

70 54.3 45.0 67.4

55 38.0 23.8 35.6#

61 31.6 22.1 33.1



#75

1,1,2,2-Tetrachloroethane

Concen: 3.183 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

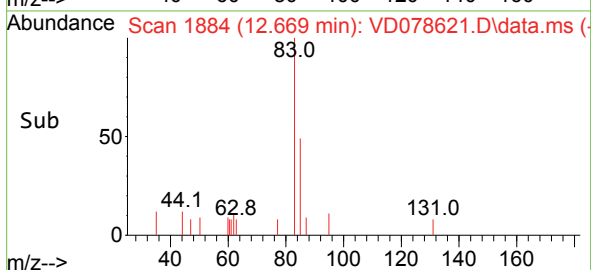
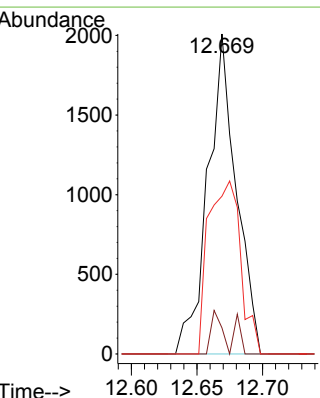
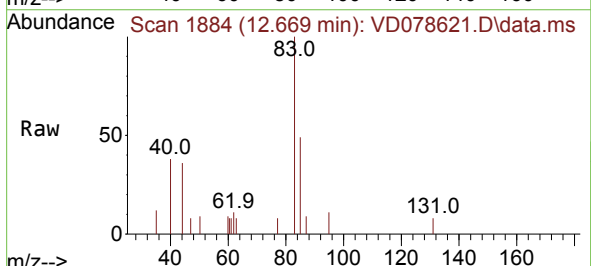
Tgt Ion: 83 Resp: 3026

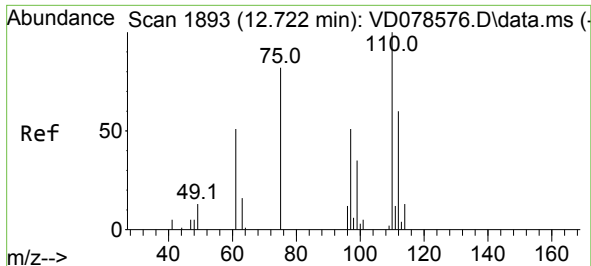
Ion Ratio Lower Upper

83 100

131 5.1 5.1 15.3#

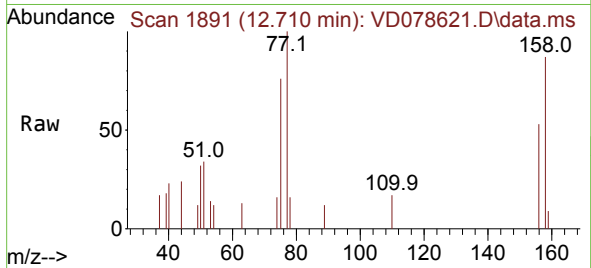
85 61.1 32.6 97.8



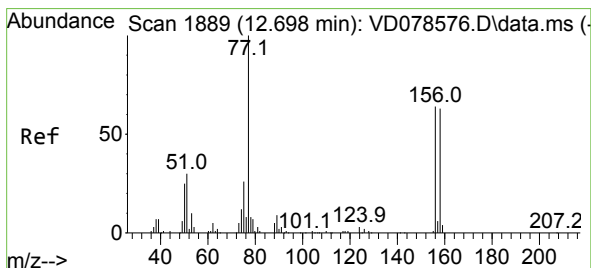
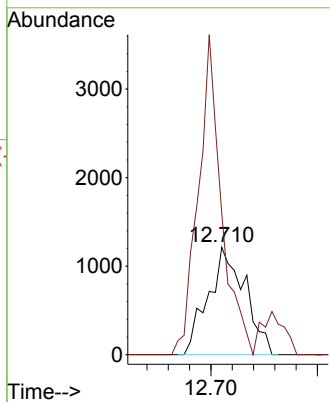
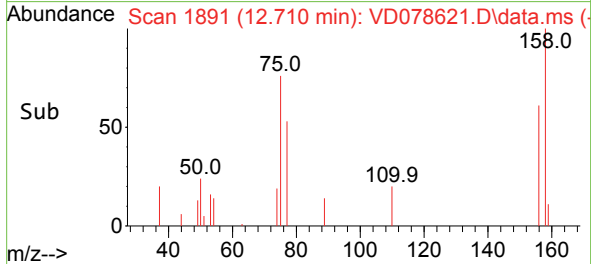


#76
1,2,3-Trichloropropane
Concen: 4.886 ug/l
RT: 12.710 min Scan# 1891
Delta R.T. -0.011 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

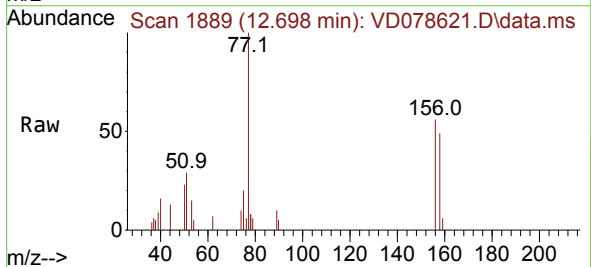
Instrument :
MSVOA_D
ClientSampleId :
MDL03



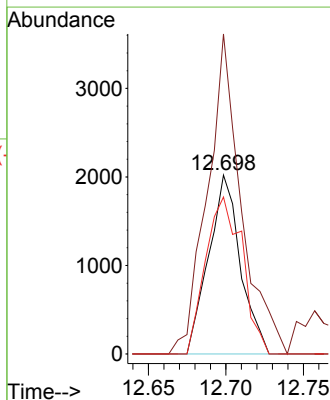
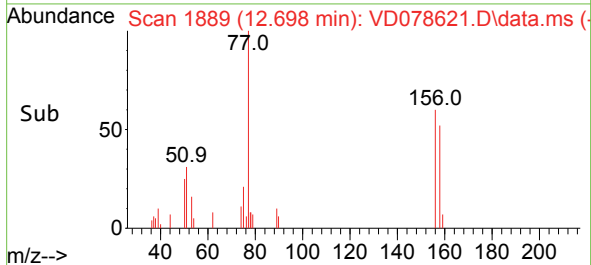
Tgt Ion: 75 Resp: 2921
Ion Ratio Lower Upper
75 100
77 187.3 0.0 0.0#

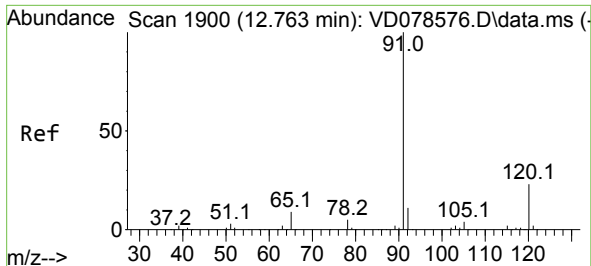


#77
Bromobenzene
Concen: 2.393 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28



Tgt Ion: 156 Resp: 2872
Ion Ratio Lower Upper
156 100
77 190.5 76.8 230.4
158 101.3 48.6 145.9

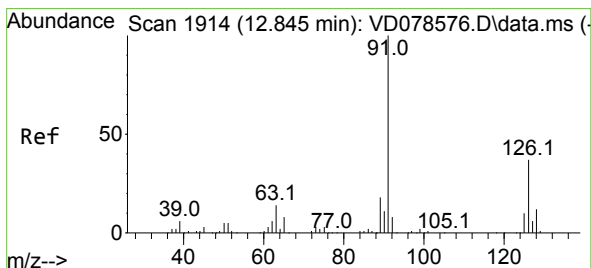
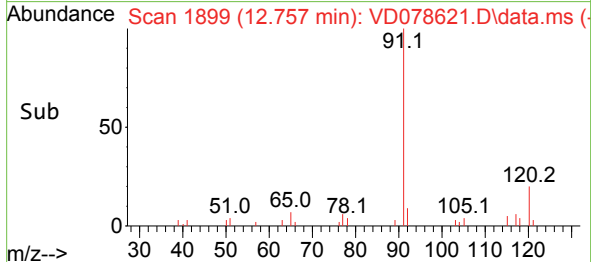
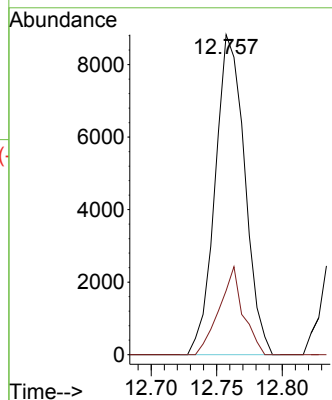
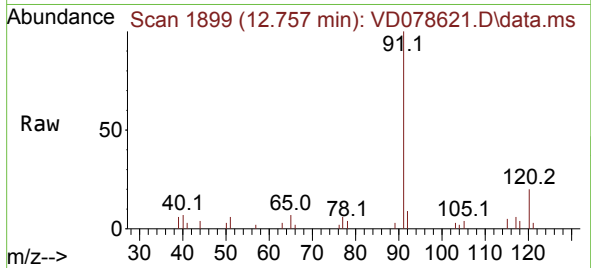




#78
n-propylbenzene
Concen: 2.279 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

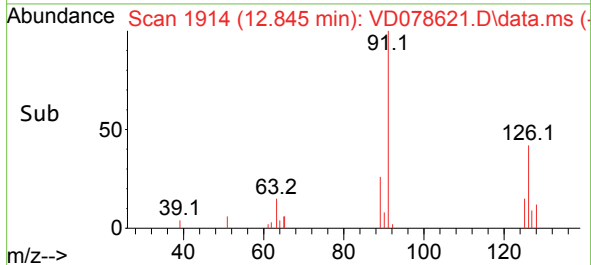
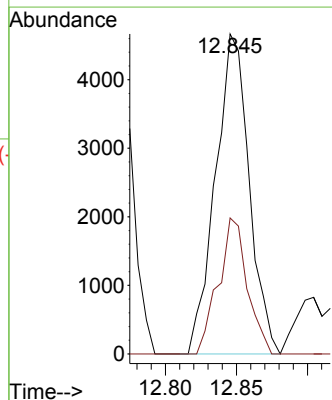
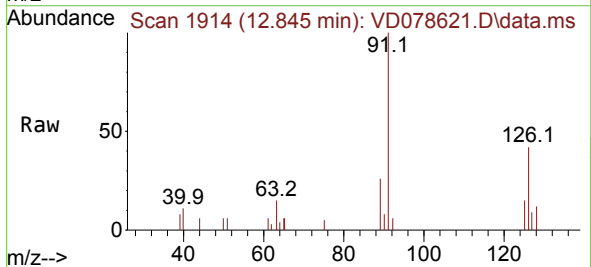
Instrument :
MSVOA_D
ClientSampleId :
MDL03

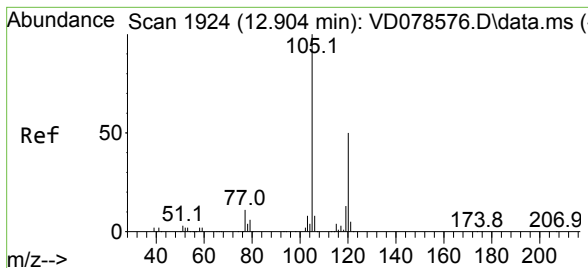
Tgt Ion: 91 Resp: 13831
Ion Ratio Lower Upper
91 100
120 22.2 12.4 37.2



#79
2-Chlorotoluene
Concen: 2.368 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion: 91 Resp: 7713
Ion Ratio Lower Upper
91 100
126 36.4 19.4 58.1





#80

1,3,5-Trimethylbenzene

Concen: 2.230 ug/l

RT: 12.898 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

Instrument :

MSVOA_D

ClientSampleId :

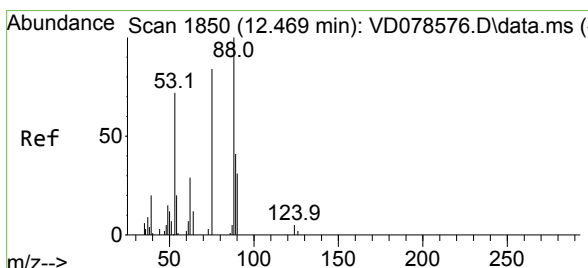
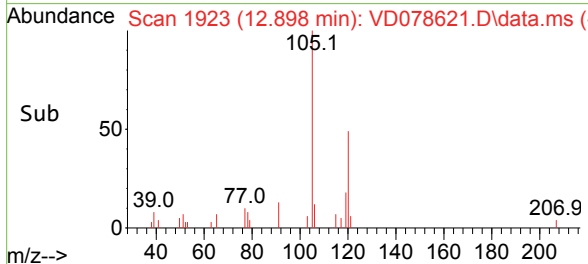
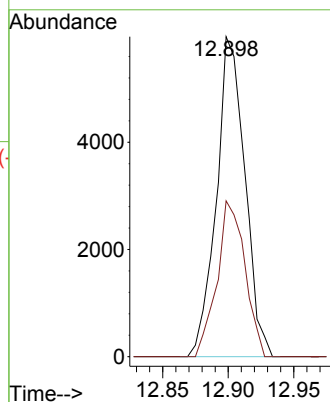
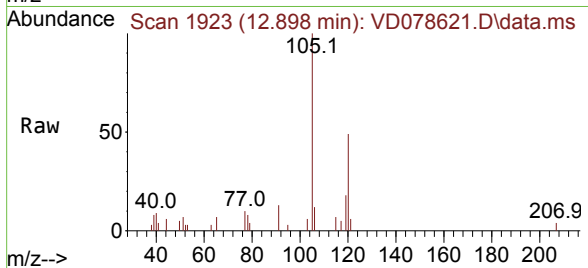
MDL03

Tgt Ion:105 Resp: 9002

Ion Ratio Lower Upper

105 100

120 47.6 26.4 79.2



#81

trans-1,4-Dichloro-2-butene

Concen: 105.348 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.106 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

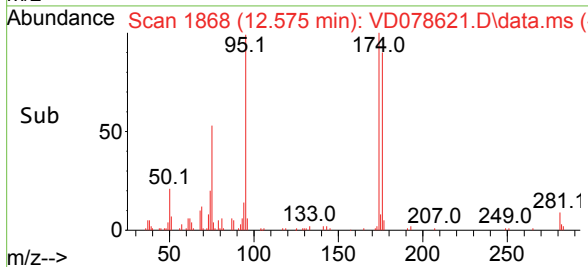
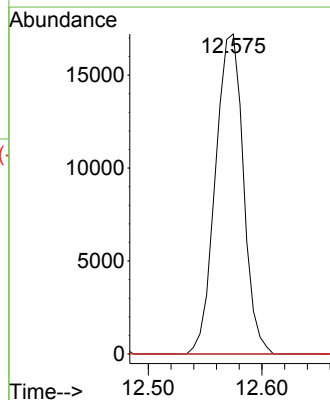
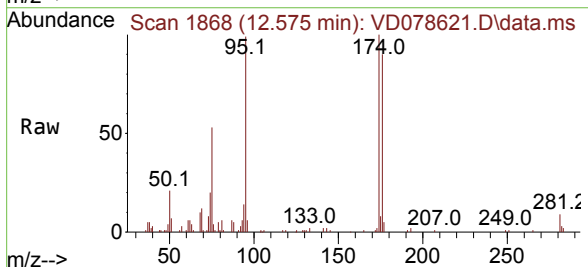
Tgt Ion: 75 Resp: 29423

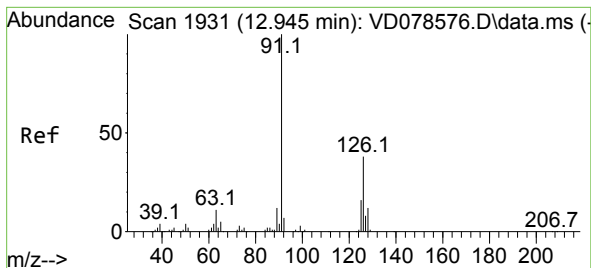
Ion Ratio Lower Upper

75 100

53 0.0 63.0 94.4#

89 0.0 37.9 56.9#

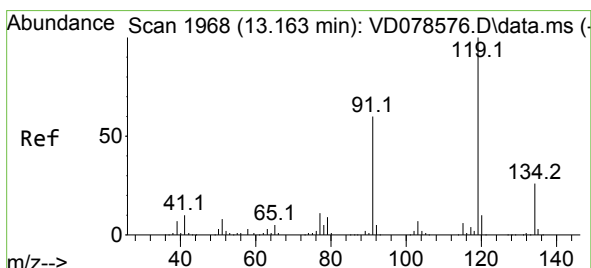
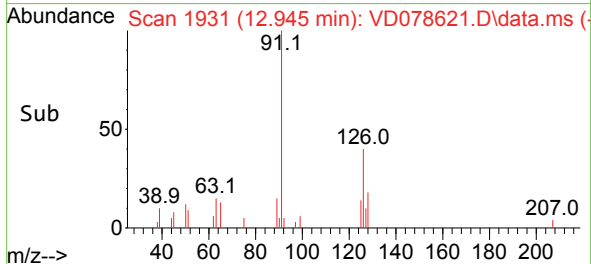
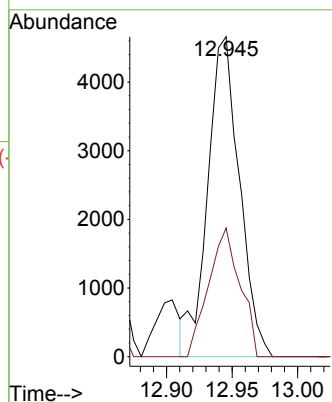
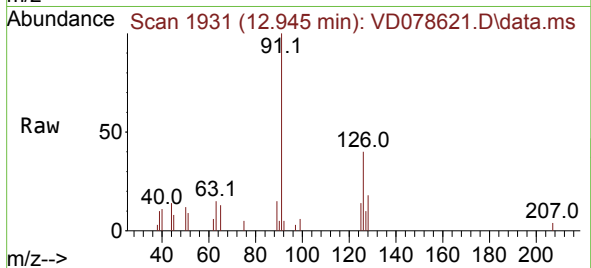




#82
4-Chlorotoluene
Concen: 2.271 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

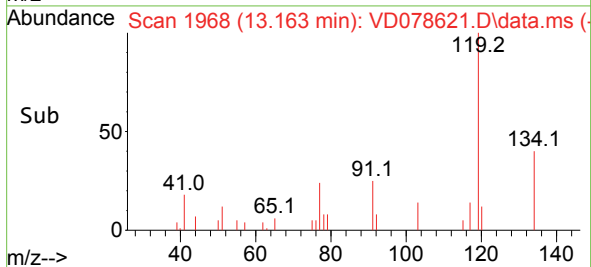
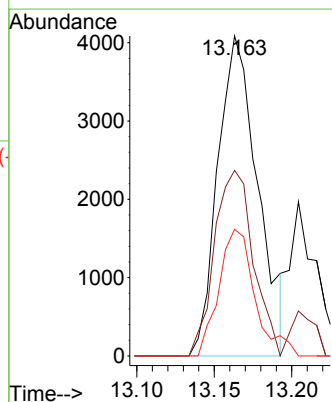
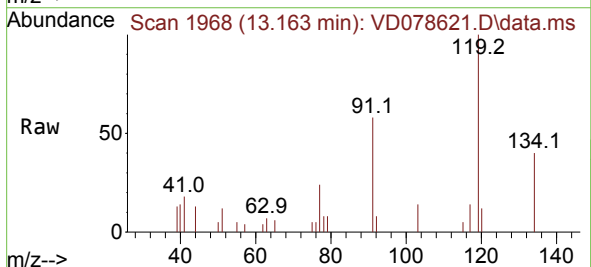
Instrument :
MSVOA_D
ClientSampleId :
MDL03

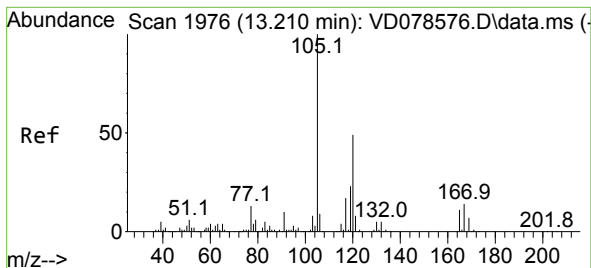
Tgt Ion: 91 Resp: 7881
Ion Ratio Lower Upper
91 100
126 39.7 19.4 58.4



#83
tert-Butylbenzene
Concen: 2.111 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion: 119 Resp: 7339
Ion Ratio Lower Upper
119 100
91 56.2 29.3 87.8
134 35.5 14.1 42.3





#84

1,2,4-Trimethylbenzene

Concen: 2.020 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

Instrument :

MSVOA_D

ClientSampleId :

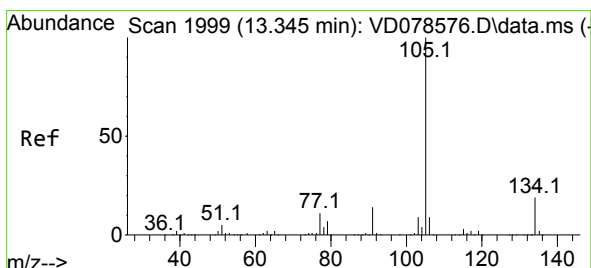
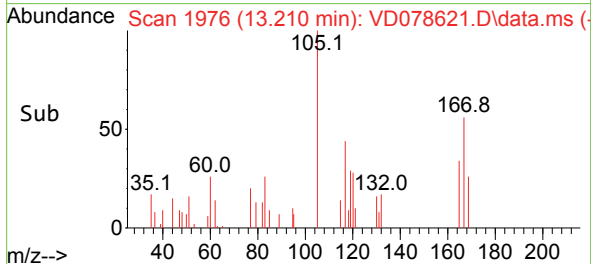
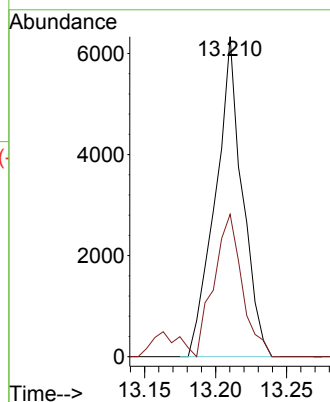
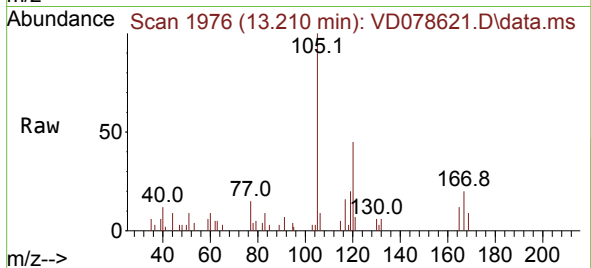
MDL03

Tgt Ion:105 Resp: 8338

Ion Ratio Lower Upper

105 100

120 46.7 24.3 72.9



#85

sec-Butylbenzene

Concen: 2.060 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078621.D

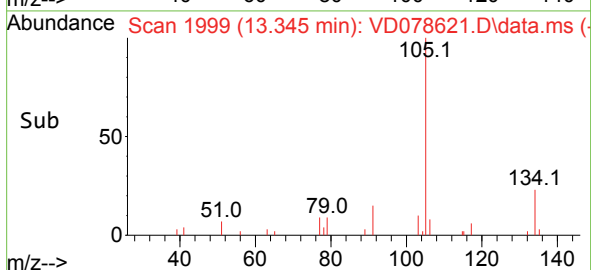
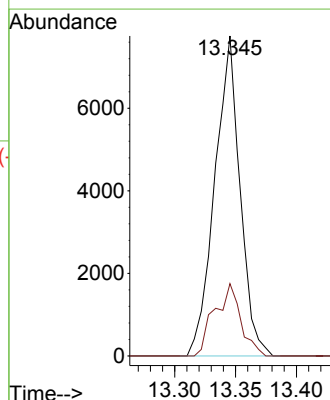
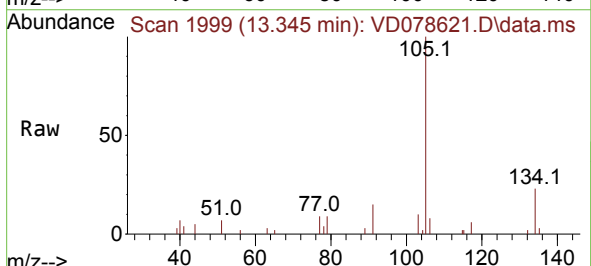
Acq: 08 Mar 2024 17:28

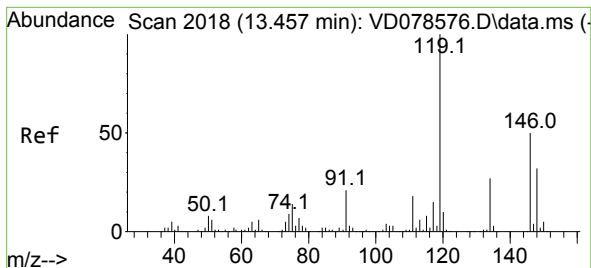
Tgt Ion:105 Resp: 11173

Ion Ratio Lower Upper

105 100

134 23.5 10.9 32.9

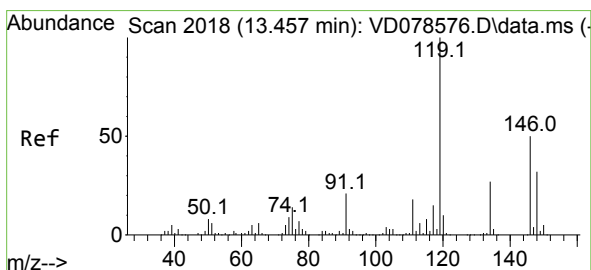
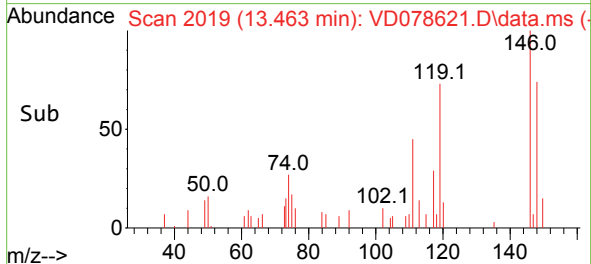
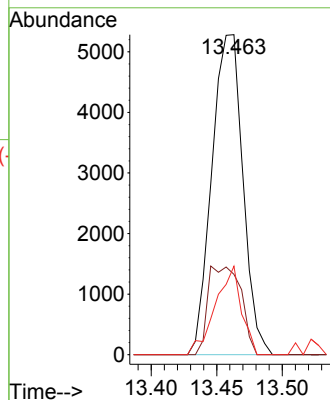
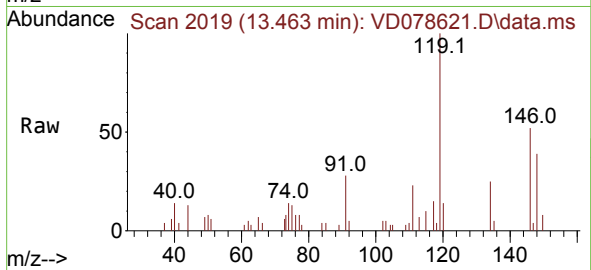




#86
p-Isopropyltoluene
Concen: 1.908 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

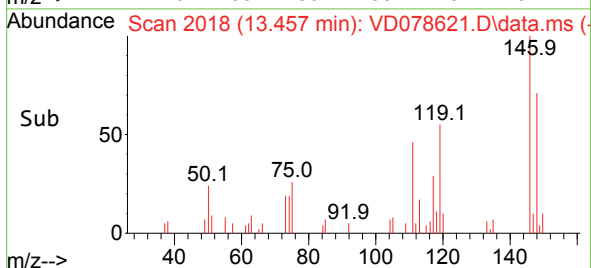
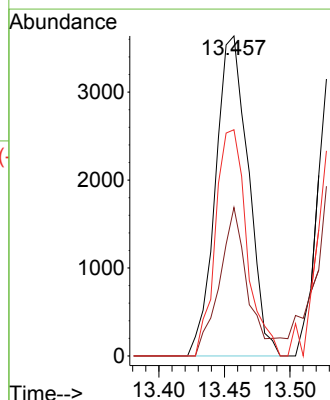
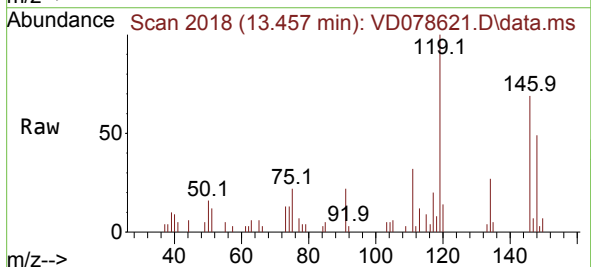
Instrument :
MSVOA_D
ClientSampleId :
MDL03

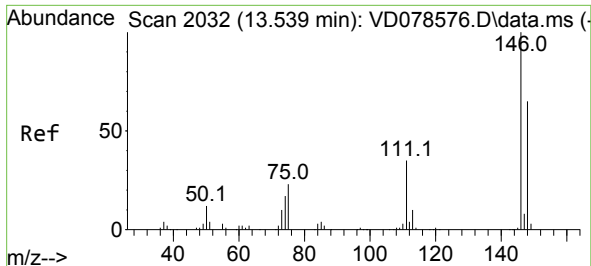
Tgt Ion:119 Resp: 8711
Ion Ratio Lower Upper
119 100
134 29.2 14.2 42.6
91 23.2 10.5 31.5



#87
1,3-Dichlorobenzene
Concen: 2.467 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion:146 Resp: 6325
Ion Ratio Lower Upper
146 100
111 39.7 17.9 53.8
148 67.5 32.3 96.8

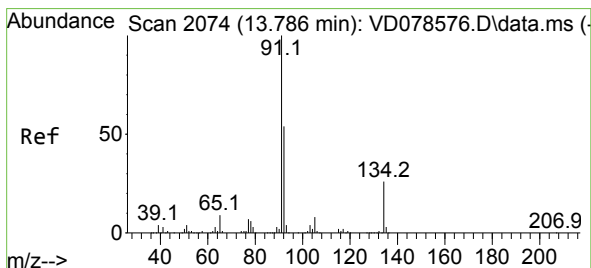
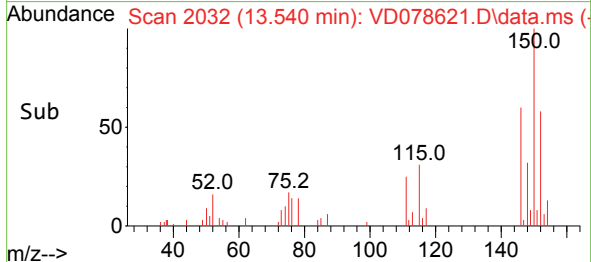
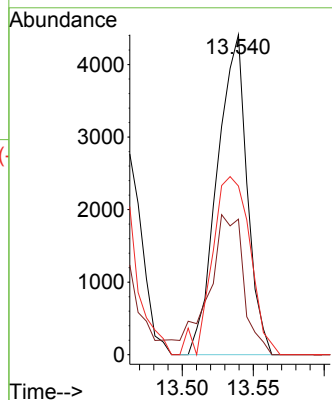
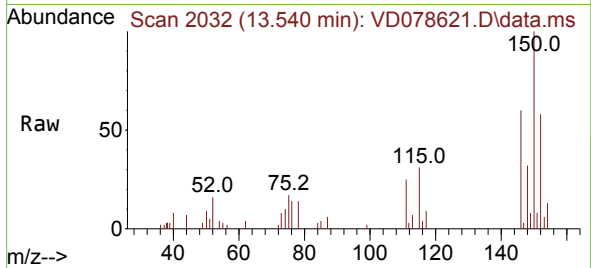




#88
1,4-Dichlorobenzene
Concen: 2.516 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

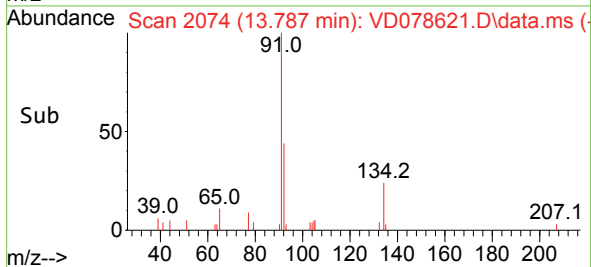
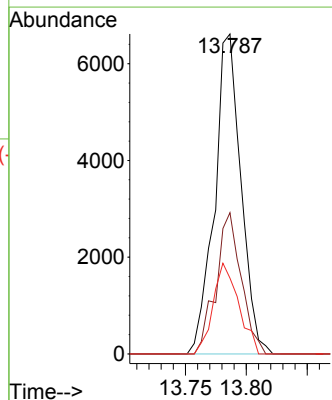
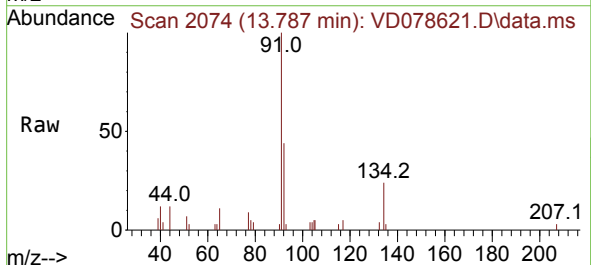
Instrument :
MSVOA_D
ClientSampleId :
MDL03

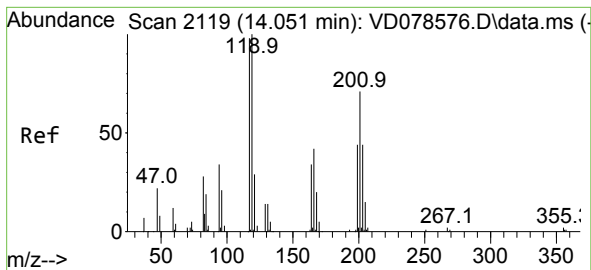
Tgt Ion:146 Resp: 6463
Ion Ratio Lower Upper
146 100
111 52.3 17.4 52.3
148 70.8 31.7 95.1



#89
n-Butylbenzene
Concen: 2.339 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion: 91 Resp: 9979
Ion Ratio Lower Upper
91 100
92 42.2 26.5 79.5
134 27.4 13.8 41.3

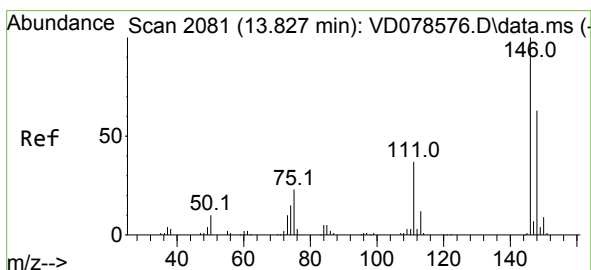
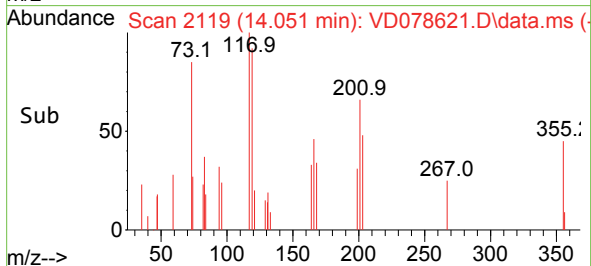
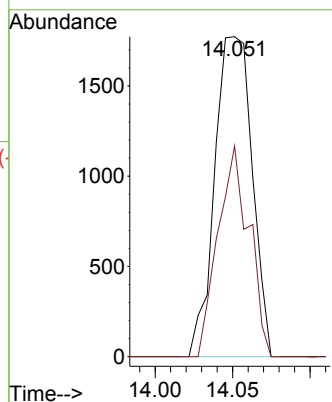
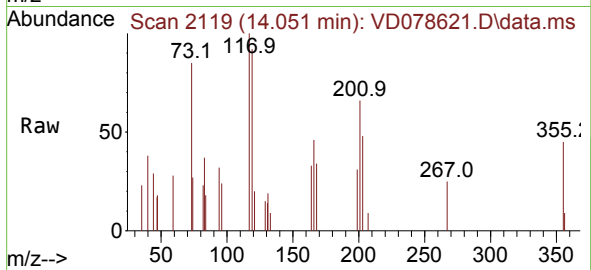




#90
Hexachloroethane
Concen: 3.212 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

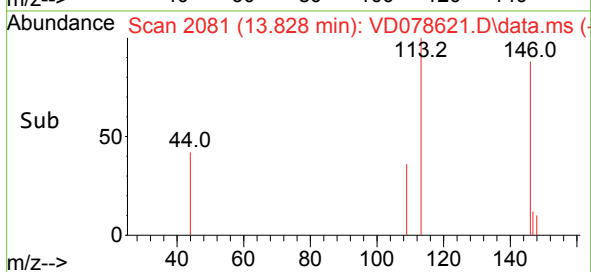
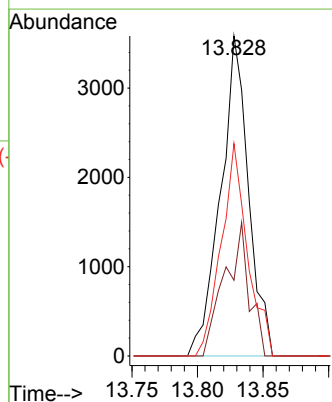
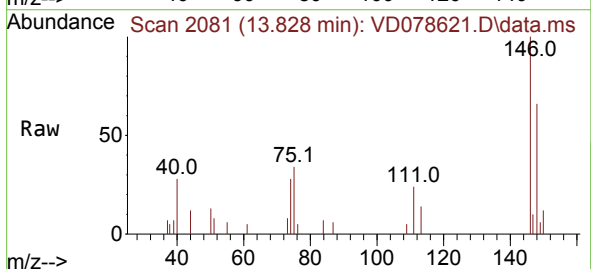
Instrument :
MSVOA_D
ClientSampleId :
MDL03

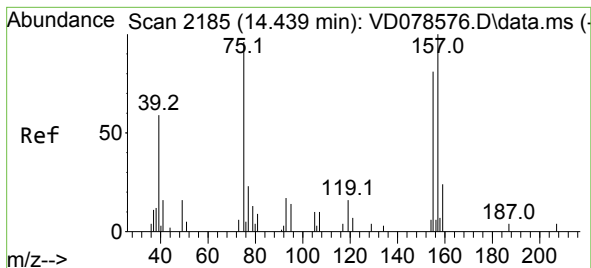
Tgt Ion:117 Resp: 2982
Ion Ratio Lower Upper
117 100
201 54.7 38.5 115.5



#91
1,2-Dichlorobenzene
Concen: 2.439 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078621.D
Acq: 08 Mar 2024 17:28

Tgt Ion:146 Resp: 5313
Ion Ratio Lower Upper
146 100
111 36.7 18.3 54.8
148 62.4 31.6 94.7

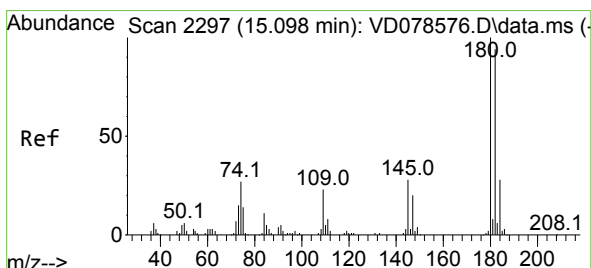
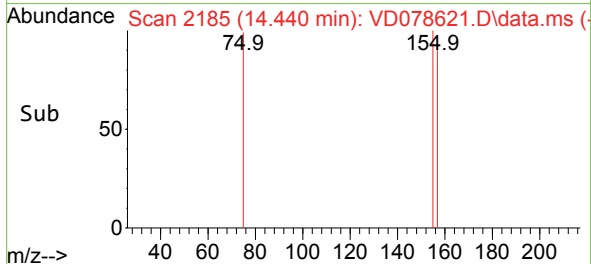
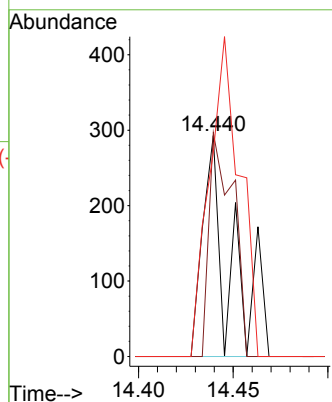
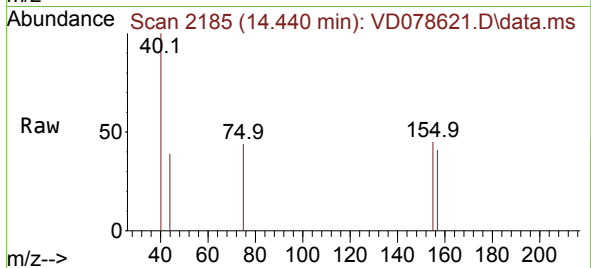




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.336 ug/l
 RT: 14.440 min Scan# 2185
 Delta R.T. 0.000 min
 Lab File: VD078621.D
 Acq: 08 Mar 2024 17:28

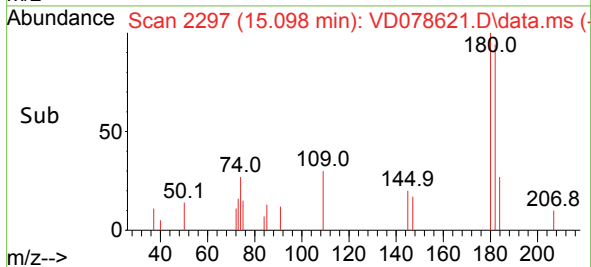
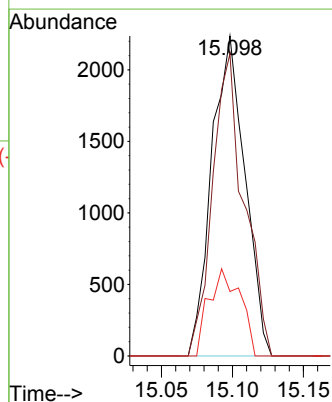
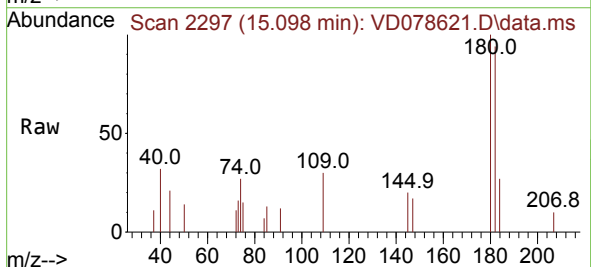
Instrument :
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 ClientSampleId :
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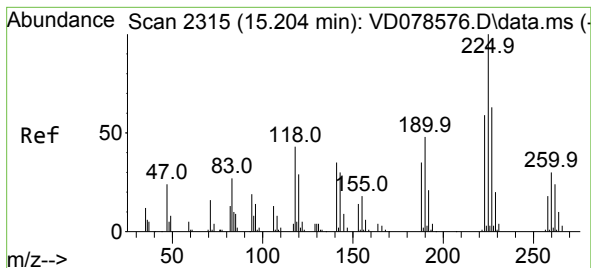
Tgt Ion: 75 Resp: 296
 Ion Ratio Lower Upper
 75 100
 155 88.9 47.9 143.8
 157 160.5 59.9 179.7



#93
 1,2,4-Trichlorobenzene
 Concen: 2.832 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD078621.D
 Acq: 08 Mar 2024 17:28

Tgt Ion: 180 Resp: 3652
 Ion Ratio Lower Upper
 180 100
 182 89.2 48.5 145.6
 145 25.6 14.2 42.6





#94

Hexachlorobutadiene

Concen: 2.814 ug/l

RT: 15.198 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

Instrument :

MSVOA_D

ClientSampleId :

MDL03

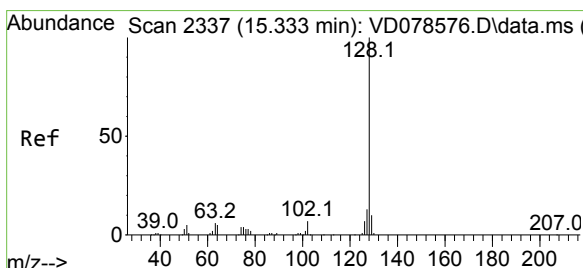
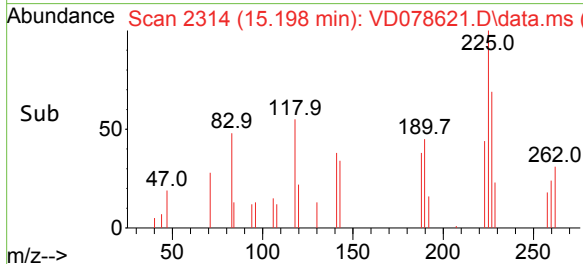
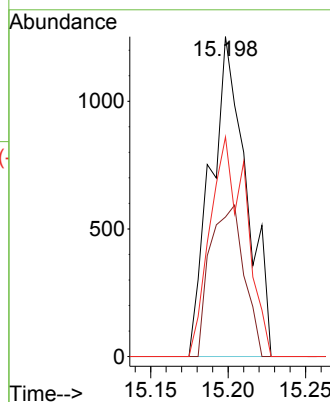
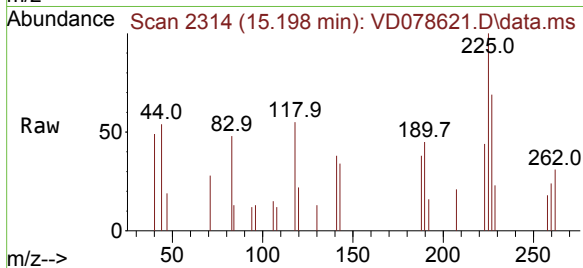
Tgt Ion:225 Resp: 1997

Ion Ratio Lower Upper

225 100

223 45.3 31.6 94.8

227 69.9 31.7 95.1



#95

Naphthalene

Concen: 2.432 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD078621.D

Acq: 08 Mar 2024 17:28

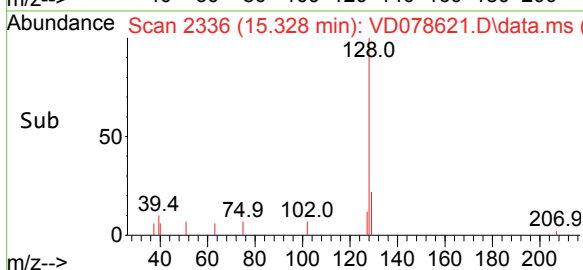
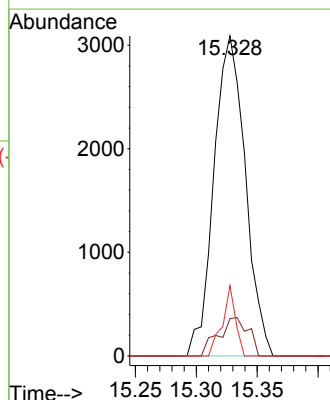
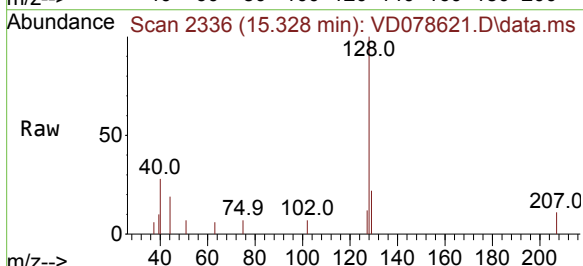
Tgt Ion:128 Resp: 5543

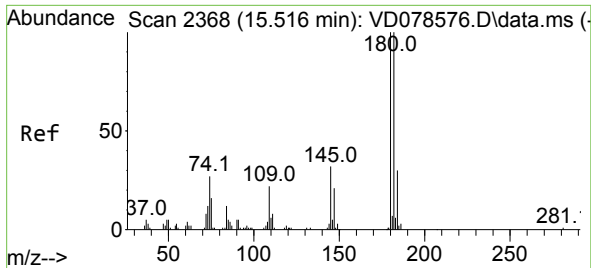
Ion Ratio Lower Upper

128 100

127 11.7 10.5 15.7

129 22.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.433 ug/l
 RT: 15.522 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078621.D
 Acq: 08 Mar 2024 17:28

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL03

Tgt Ion:180	Resp:	2787
Ion	Ratio	Lower Upper
180	100	
182	102.8	47.3 141.9
145	30.1	15.1 45.3

