

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079578.D
 Acq On : 05 Aug 2024 14:05
 Operator : RP/MD
 Sample : VD0805SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 06 02:45:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	233336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	415863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	376437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	190836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	113287	47.791	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.580%
35) Dibromofluoromethane	7.805	113	117500	41.744	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.480%
50) Toluene-d8	10.269	98	467715	42.789	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.580%
62) 4-Bromofluorobenzene	12.569	95	136596	43.184	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	32519	17.787	ug/l	95
3) Chloromethane	2.146	50	62690	18.610	ug/l	93
4) Vinyl Chloride	2.281	62	74416	18.579	ug/l	97
5) Bromomethane	2.675	94	51045	18.533	ug/l	99
6) Chloroethane	2.822	64	49945	19.405	ug/l	95
7) Trichlorofluoromethane	3.164	101	74132	18.611	ug/l	94
8) Diethyl Ether	3.587	74	25896	21.522	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.964	101	46567	18.484	ug/l	98
10) Methyl Iodide	4.152	142	51911	18.465	ug/l	97
11) Tert butyl alcohol	5.046	59	15169	141.402	ug/l #	96
12) 1,1-Dichloroethene	3.940	96	47156	18.704	ug/l	94
13) Acrolein	3.799	56	19419	109.837	ug/l	96
14) Allyl chloride	4.552	41	70324	21.124	ug/l #	85
15) Acrylonitrile	5.252	53	64748	115.157	ug/l	98
16) Acetone	4.022	43	48146	104.510	ug/l	95
17) Carbon Disulfide	4.269	76	135907	16.331	ug/l	99
18) Methyl Acetate	4.558	43	32240	22.540	ug/l #	83
19) Methyl tert-butyl Ether	5.316	73	108914	21.164	ug/l	98
20) Methylene Chloride	4.793	84	72247	8.648	ug/l #	88
21) trans-1,2-Dichloroethene	5.305	96	53249	18.801	ug/l	88
22) Diisopropyl ether	6.216	45	163890	22.125	ug/l #	92
23) Vinyl Acetate	6.146	43	624404	112.137	ug/l #	89
24) 1,1-Dichloroethane	6.105	63	103360	20.822	ug/l	97
25) 2-Butanone	7.081	43	71976	110.204	ug/l	92
26) 2,2-Dichloropropane	7.075	77	81917	20.402	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	63743	19.690	ug/l	84
28) Bromochloromethane	7.428	49	43406	19.941	ug/l #	69
29) Tetrahydrofuran	7.446	42	45602	112.665	ug/l #	83
30) Chloroform	7.593	83	105178	20.923	ug/l	98
31) Cyclohexane	7.875	56	71755	18.226	ug/l	86
32) 1,1,1-Trichloroethane	7.787	97	84022	20.256	ug/l	97
36) 1,1-Dichloropropene	8.005	75	68099	17.726	ug/l	96
37) Ethyl Acetate	7.163	43	34157	21.685	ug/l #	68
38) Carbon Tetrachloride	7.993	117	73224	18.131	ug/l	99
39) Methylcyclohexane	9.269	83	72728	15.866	ug/l	90
40) Benzene	8.252	78	229675	18.822	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	20843	24.056	ug/l #	74
42) 1,2-Dichloroethane	8.322	62	58457	20.104	ug/l	98
43) Isopropyl Acetate	8.357	43	61326	20.715	ug/l	93
44) Trichloroethene	9.028	130	55095	18.138	ug/l	98
45) 1,2-Dichloropropane	9.305	63	58353	19.651	ug/l	99
46) Dibromomethane	9.393	93	32880	19.973	ug/l	92
47) Bromodichloromethane	9.587	83	79651	19.705	ug/l	99
48) Methyl methacrylate	9.381	41	26146	19.735	ug/l	87
49) 1,4-Dioxane	9.381	88	6516	381.988	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	163285	108.034	ug/l	92
52) Toluene	10.328	92	143943	19.074	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	74238	19.888	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	87081	19.394	ug/l #	93
55) 1,1,2-Trichloroethane	10.728	97	42921	19.792	ug/l	92
56) Ethyl methacrylate	10.593	69	52910	20.591	ug/l	89
57) 1,3-Dichloropropane	10.875	76	72409	19.649	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	115105	97.136	ug/l	90
59) 2-Hexanone	10.916	43	112196	106.437	ug/l	92
60) Dibromochloromethane	11.069	129	54430	19.214	ug/l	99
61) 1,2-Dibromoethane	11.175	107	39271	19.330	ug/l	96
64) Tetrachloroethene	10.804	164	43920	17.303	ug/l	91
65) Chlorobenzene	11.604	112	158603	19.027	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	54658	19.930	ug/l	97
67) Ethyl Benzene	11.681	91	263078	19.279	ug/l	98
68) m/p-Xylenes	11.793	106	206725	38.184	ug/l	92
69) o-Xylene	12.116	106	97498	19.647	ug/l	94
70) Styrene	12.134	104	172532	19.831	ug/l	98
71) Bromoform	12.293	173	30006	19.353	ug/l #	99
73) Isopropylbenzene	12.416	105	241772	19.316	ug/l	99
74) N-amyl acetate	12.234	43	60429	21.529	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	49448	19.946	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	61606	36.932	ug/l #	100
77) Bromobenzene	12.698	156	60933	19.042	ug/l	88
78) n-propylbenzene	12.763	91	302228	18.946	ug/l	96
79) 2-Chlorotoluene	12.845	91	173282	19.509	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	206265	19.403	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	17820	20.375	ug/l	94
82) 4-Chlorotoluene	12.945	91	183860	19.856	ug/l	95
83) tert-Butylbenzene	13.163	119	175373	19.423	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	208560	19.671	ug/l	99
85) sec-Butylbenzene	13.340	105	263237	18.617	ug/l	100
86) p-Isopropyltoluene	13.457	119	222783	19.242	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	123466	18.627	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	123948	19.020	ug/l	97
89) n-Butylbenzene	13.787	91	207866	19.334	ug/l	98
90) Hexachloroethane	14.051	117	46883	18.957	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	108167	19.094	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6882	20.863	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	63725	17.854	ug/l	99
94) Hexachlorobutadiene	15.198	225	31565	16.386	ug/l	94
95) Naphthalene	15.328	128	120926	19.575	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	55877	17.797	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration

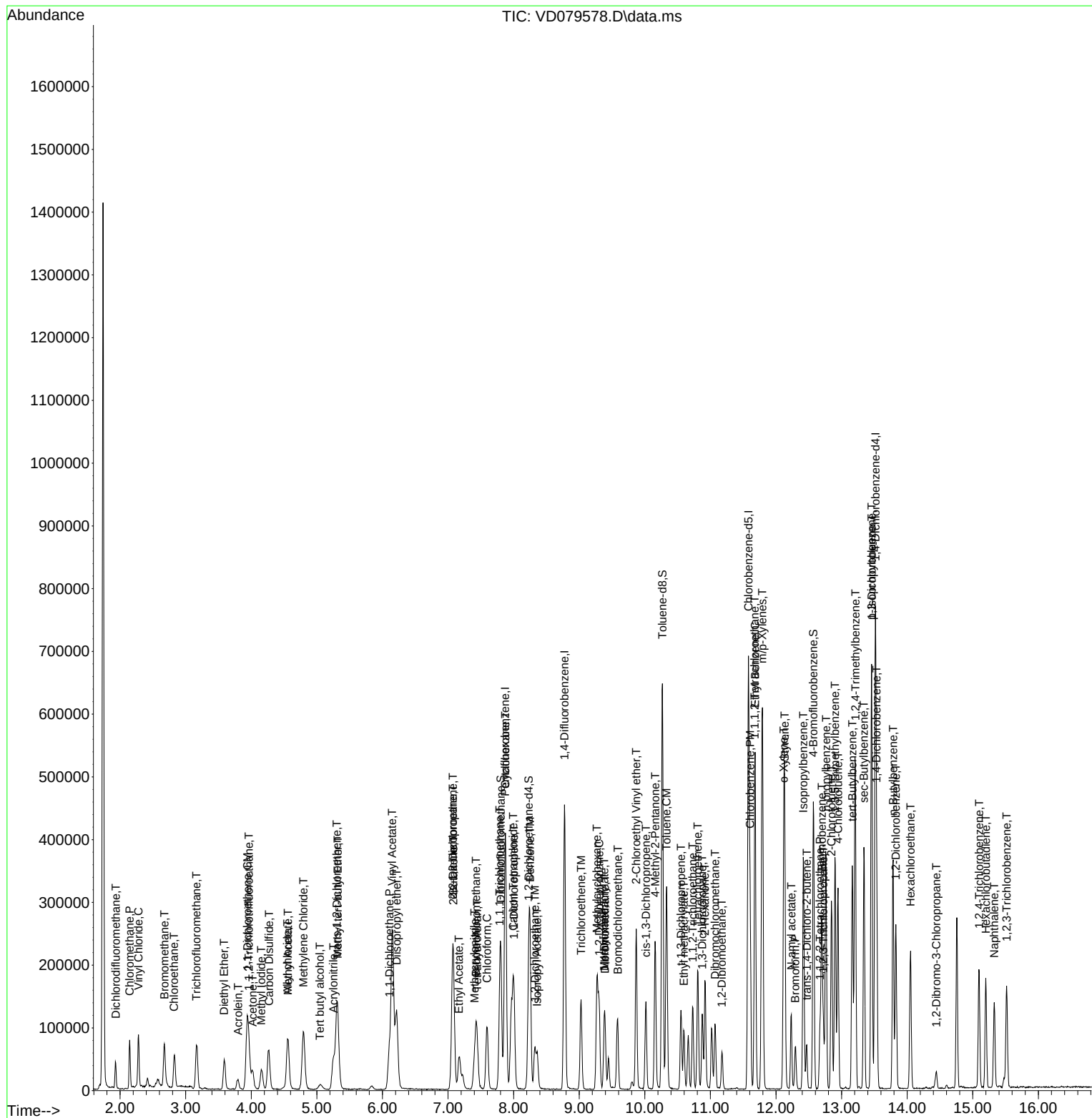
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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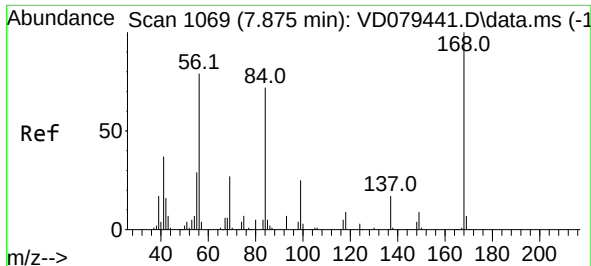
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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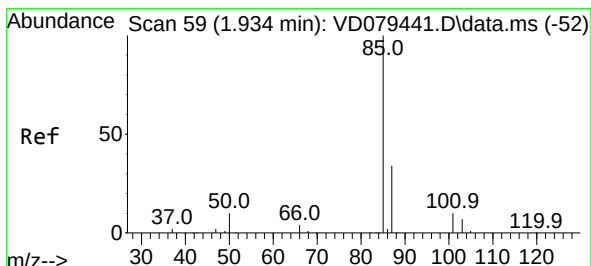
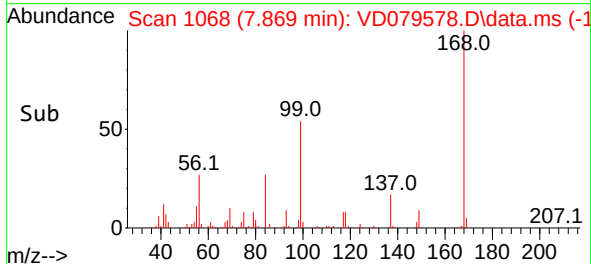
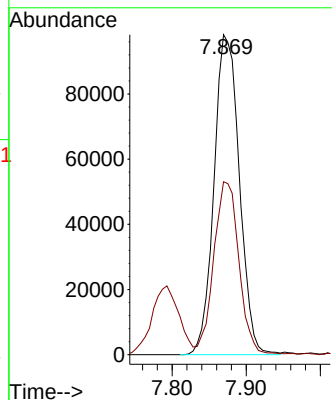
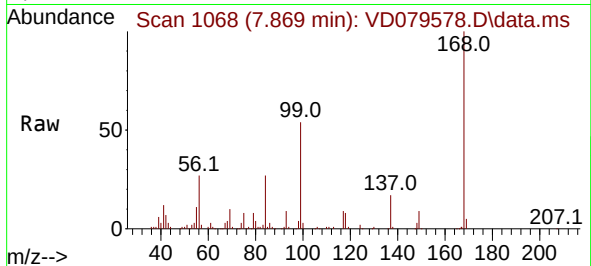




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
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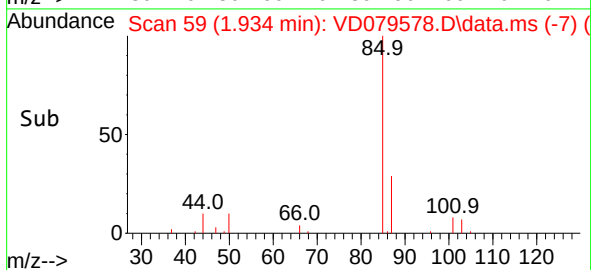
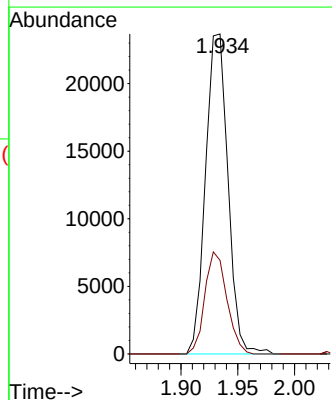
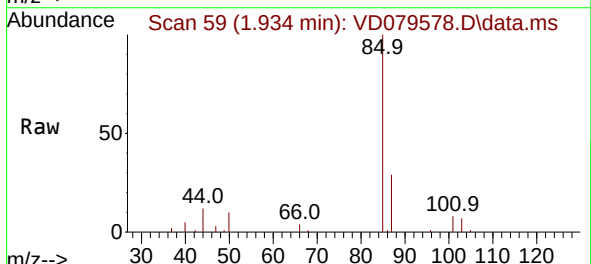
Instrument :
MSVOA_D
ClientSampleId :

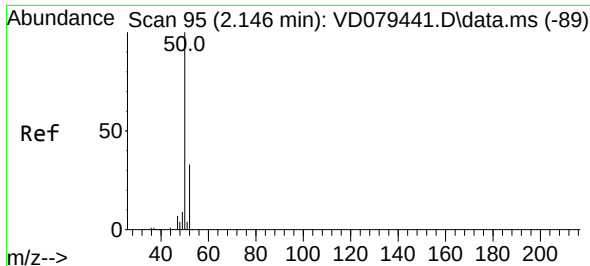
Tgt Ion:168 Resp: 233336
Ion Ratio Lower Upper
168 100
99 53.7 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 17.787 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

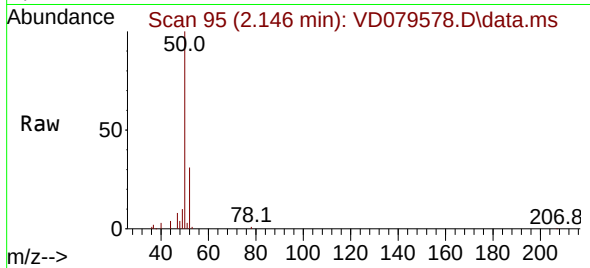
Tgt Ion: 85 Resp: 32519
Ion Ratio Lower Upper
85 100
87 29.2 16.0 48.0



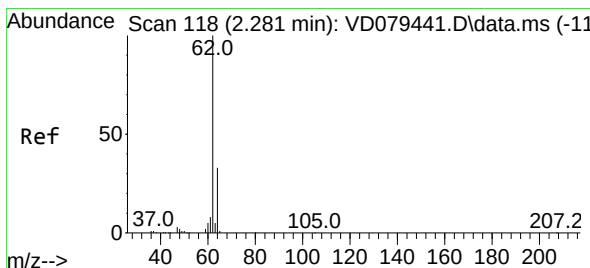
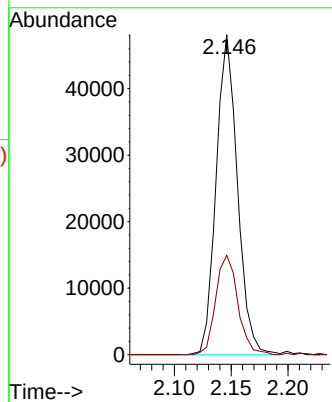
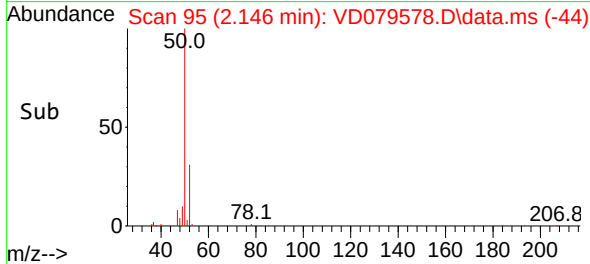


#3
Chloromethane
Concen: 18.610 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Instrument :
MSVOA_D
ClientSampleId :

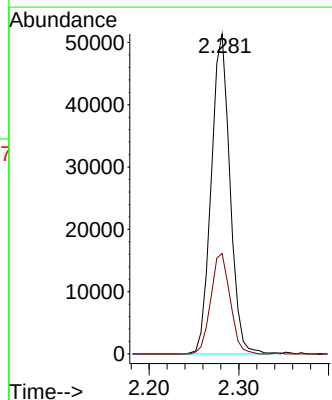
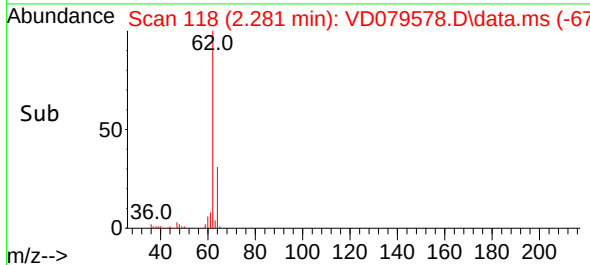
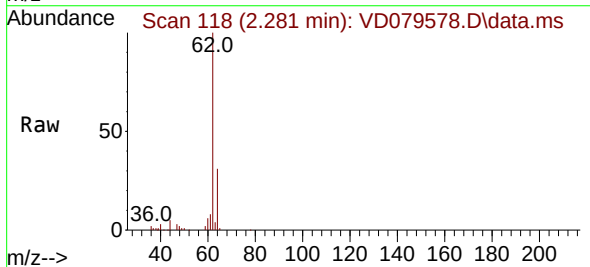


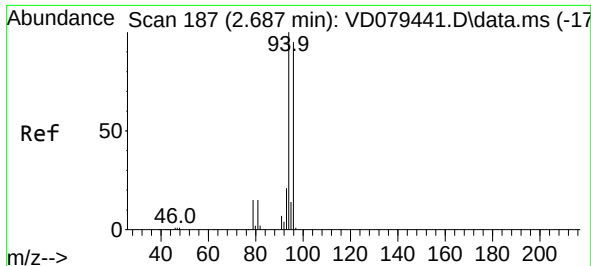
Tgt Ion: 50 Resp: 62690
Ion Ratio Lower Upper
50 100
52 31.1 28.2 42.2



#4
Vinyl Chloride
Concen: 18.579 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Tgt Ion: 62 Resp: 74416
Ion Ratio Lower Upper
62 100
64 31.4 26.3 39.5

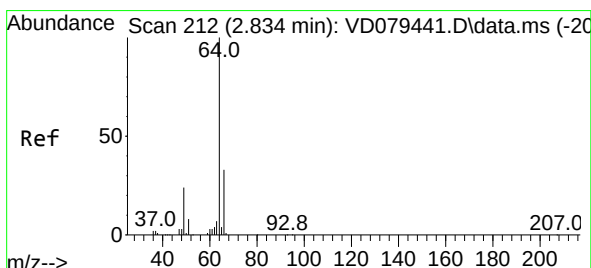
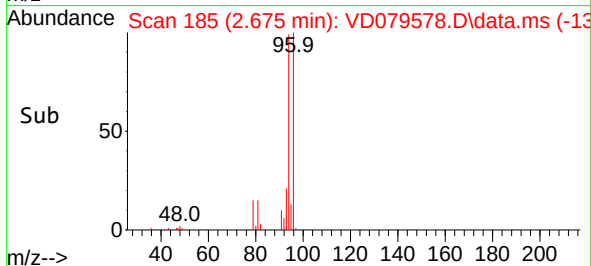
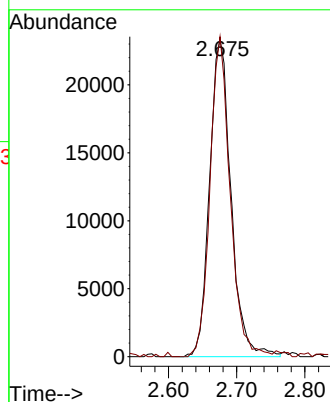
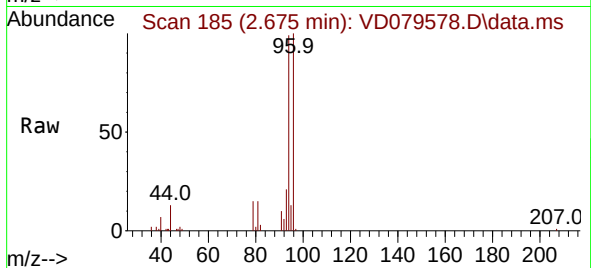




#5
Bromomethane
Concen: 18.533 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

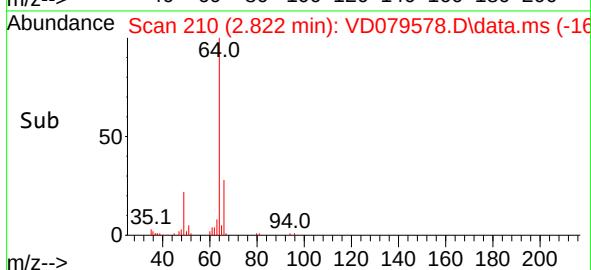
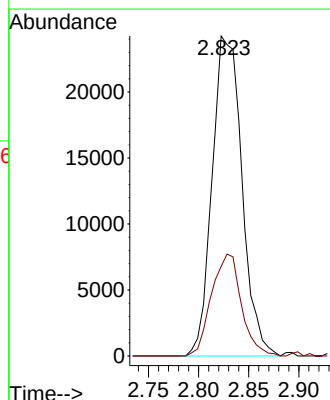
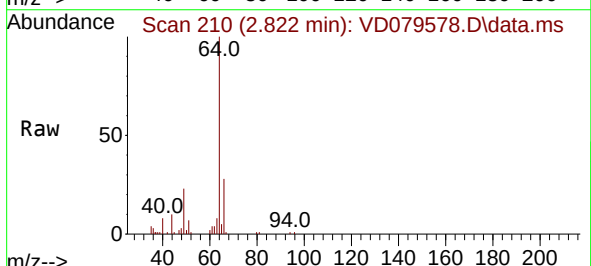
Instrument :
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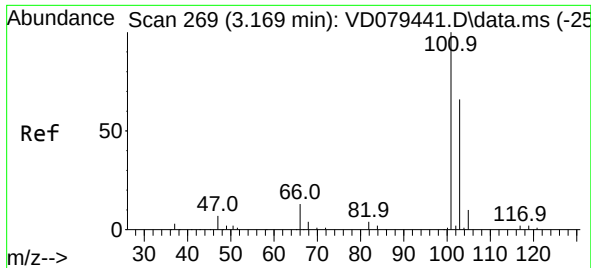
Tgt Ion: 94 Resp: 51045
Ion Ratio Lower Upper
94 100
96 94.9 76.9 115.3



#6
Chloroethane
Concen: 19.405 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Tgt Ion: 64 Resp: 49945
Ion Ratio Lower Upper
64 100
66 28.0 24.5 36.7

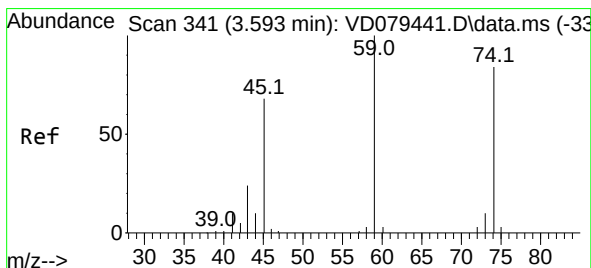
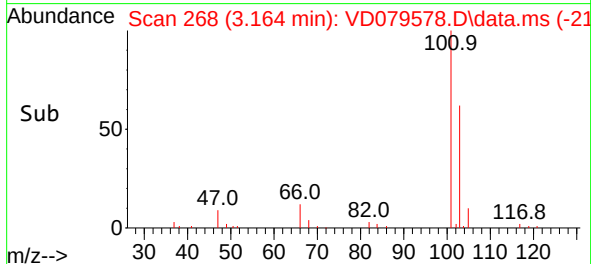
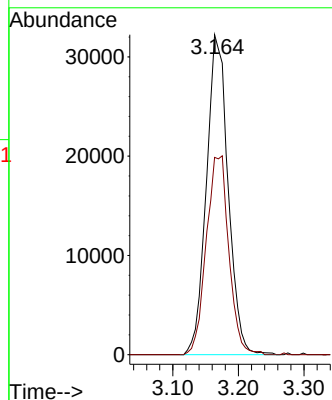
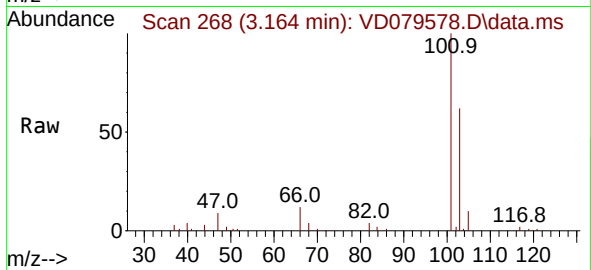




#7
Trichlorofluoromethane
Concen: 18.611 ug/l
RT: 3.164 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

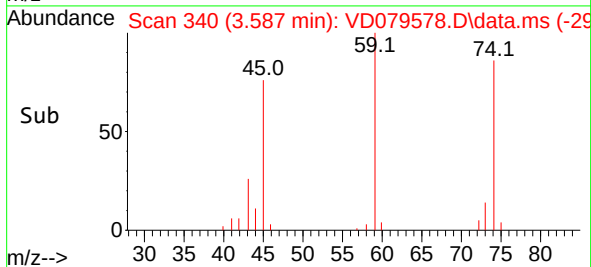
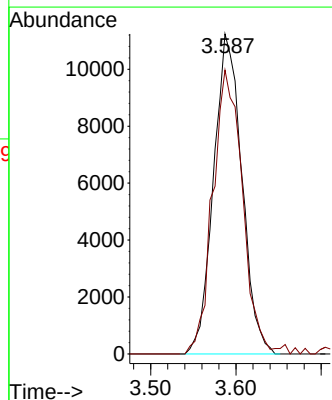
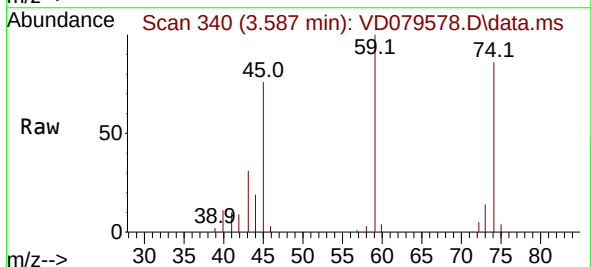
Instrument :
MSVOA_D
ClientSampleId :

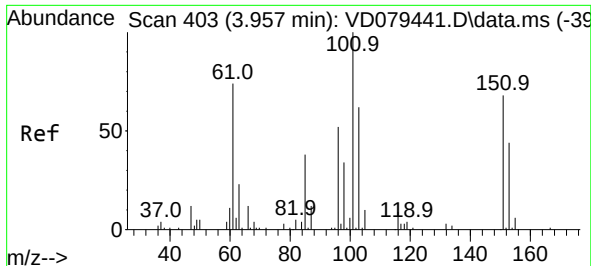
Tgt Ion:101 Resp: 74132
Ion Ratio Lower Upper
101 100
103 61.7 53.2 79.8



#8
Diethyl Ether
Concen: 21.522 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD079578.D
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Tgt Ion: 74 Resp: 25896
Ion Ratio Lower Upper
74 100
45 92.9 37.9 113.6

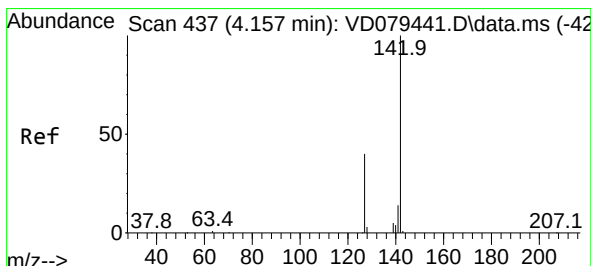
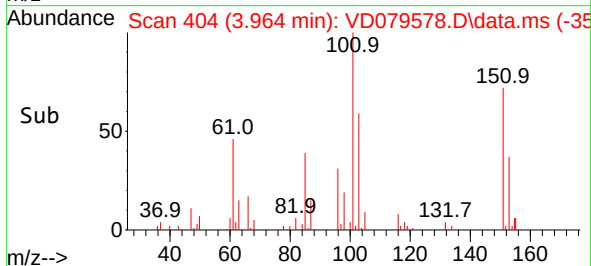
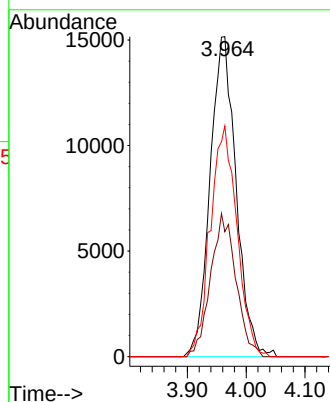
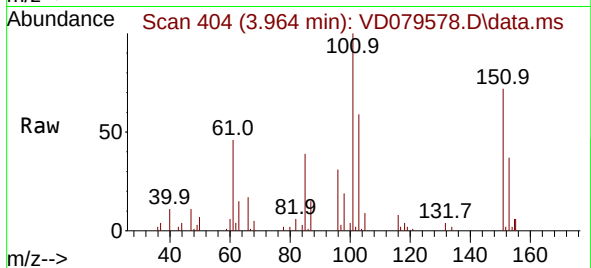




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.484 ug/l
RT: 3.964 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

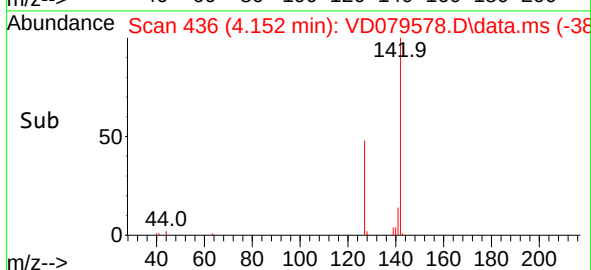
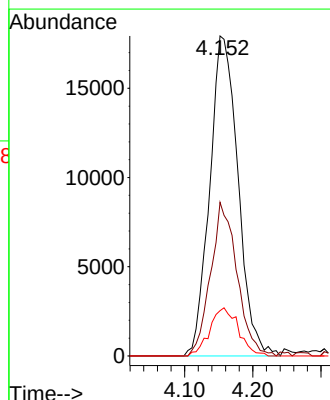
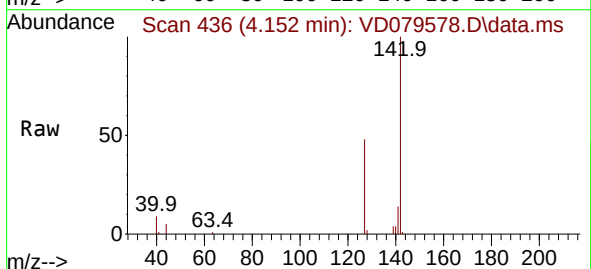
Instrument :
MSVOA_D
ClientSampleId :

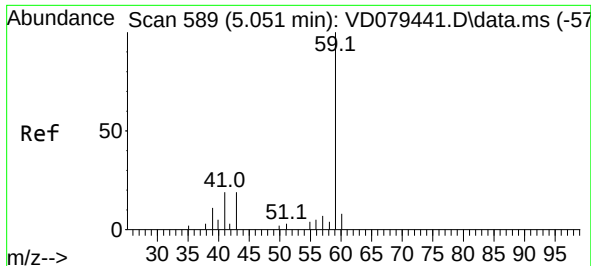
Tgt Ion:101 Resp: 46567
Ion Ratio Lower Upper
101 100
85 43.6 33.5 50.3
151 73.8 60.3 90.5



#10
Methyl Iodide
Concen: 18.465 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

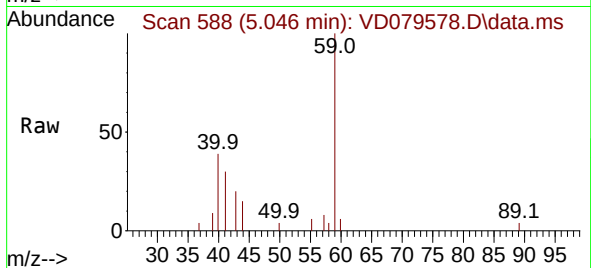
Tgt Ion:142 Resp: 51911
Ion Ratio Lower Upper
142 100
127 44.8 34.2 51.4
141 15.3 11.7 17.5



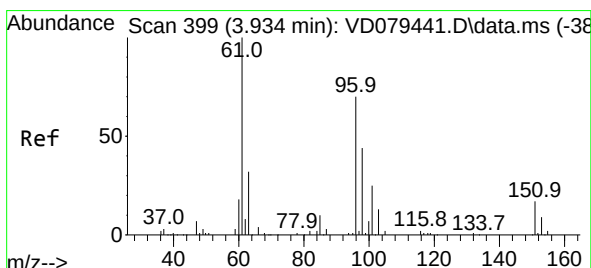
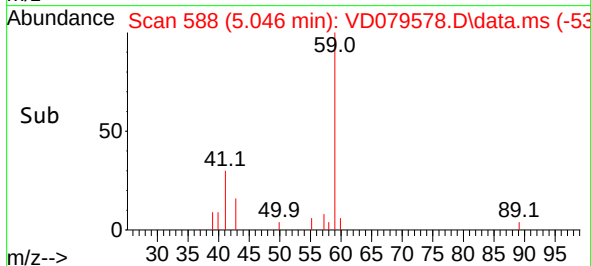
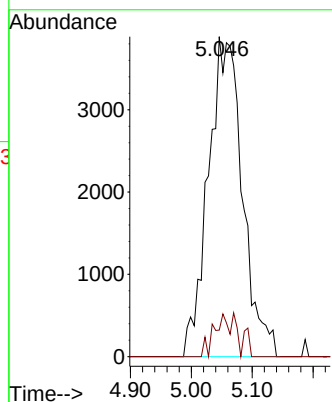


#11
Tert butyl alcohol
Concen: 141.402 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Instrument :
MSVOA_D
ClientSampleId :

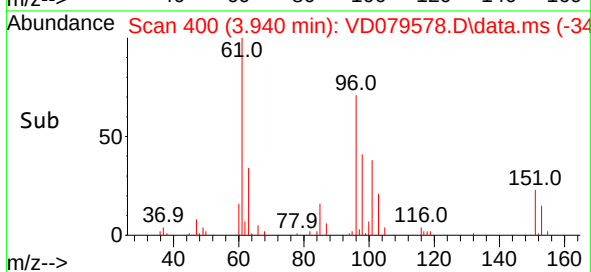
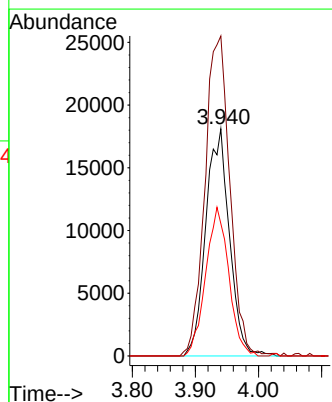
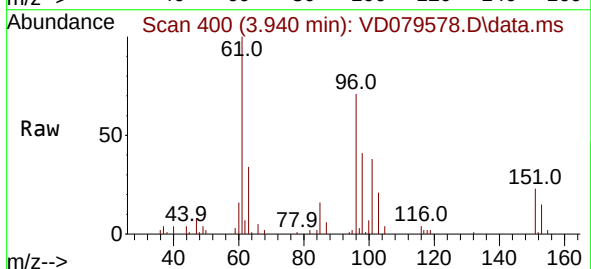


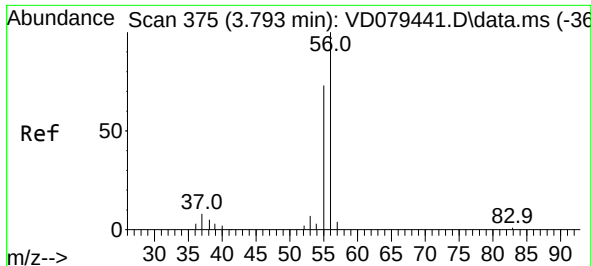
Tgt Ion: 59 Resp: 15169
Ion Ratio Lower Upper
59 100
57 5.8 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 18.704 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.012 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Tgt Ion: 96 Resp: 47156
Ion Ratio Lower Upper
96 100
61 140.8 107.3 160.9
98 58.2 51.7 77.5





#13

Acrolein

Concen: 109.837 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

Instrument :

MSVOA_D

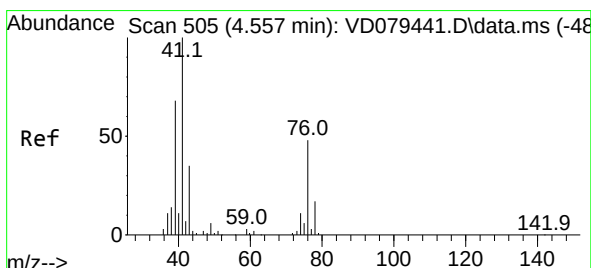
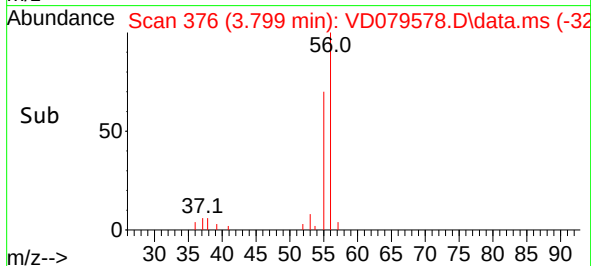
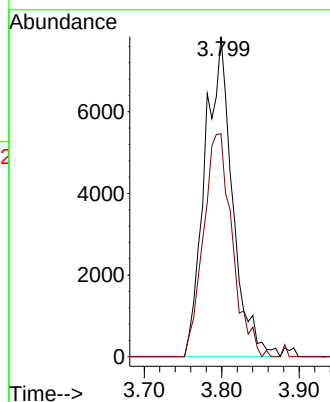
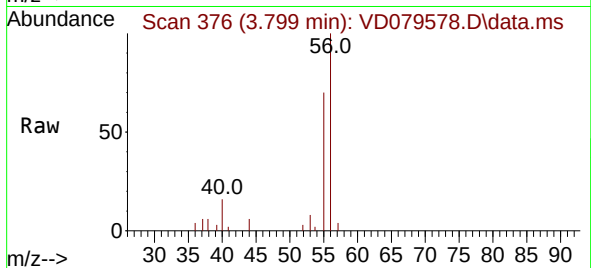
ClientSampleId :

Tgt Ion: 56 Resp: 19419

Ion Ratio Lower Upper

56 100

55 72.5 55.3 82.9



#14

Allyl chloride

Concen: 21.124 ug/l

RT: 4.552 min Scan# 504

Delta R.T. 0.000 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

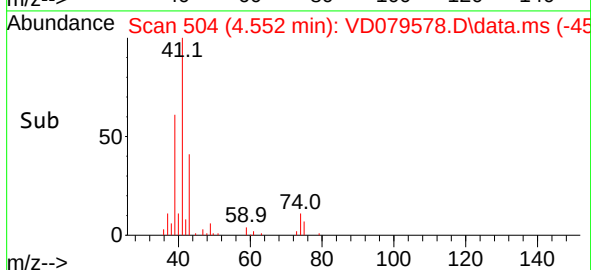
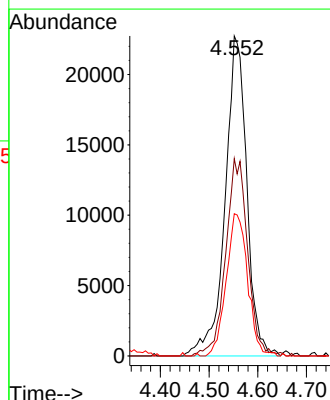
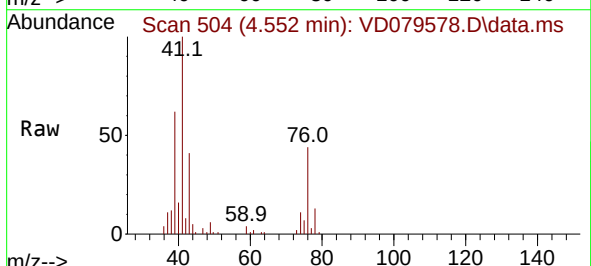
Tgt Ion: 41 Resp: 70324

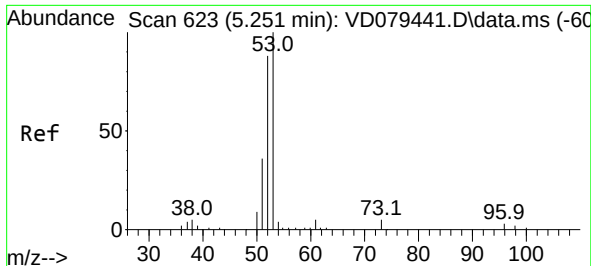
Ion Ratio Lower Upper

41 100

39 62.7 58.0 87.0

76 44.0 45.9 68.9#

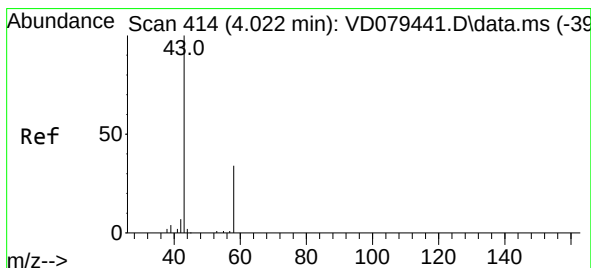
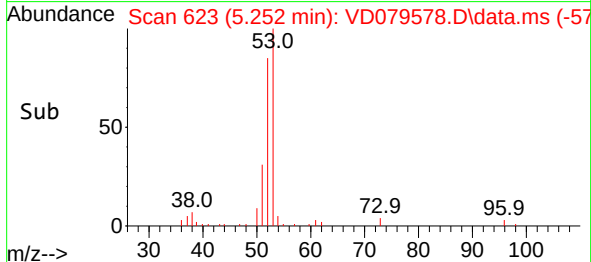
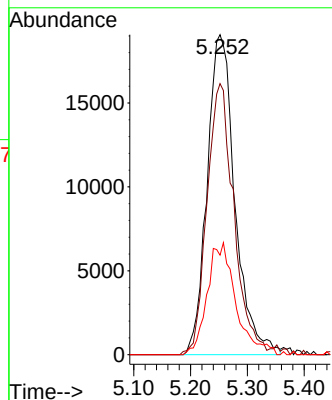
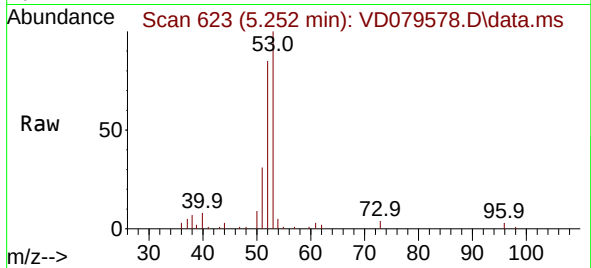




#15
Acrylonitrile
Concen: 115.157 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

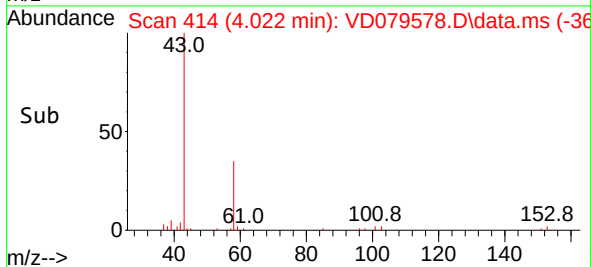
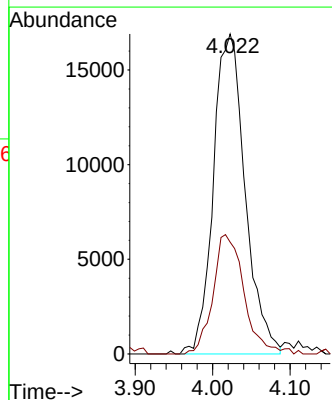
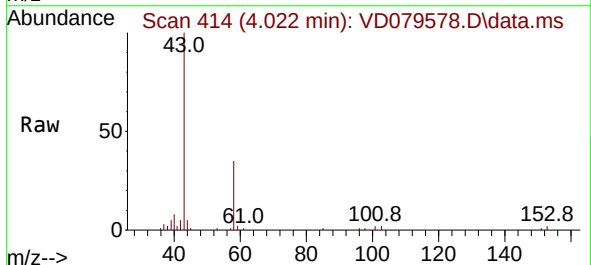
Instrument :
MSVOA_D
ClientSampleId :

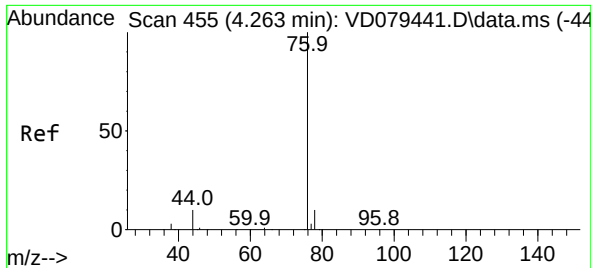
Tgt Ion: 53 Resp: 64748
Ion Ratio Lower Upper
53 100
52 82.2 67.7 101.5
51 35.9 28.6 42.8



#16
Acetone
Concen: 104.510 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Tgt Ion: 43 Resp: 48146
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6

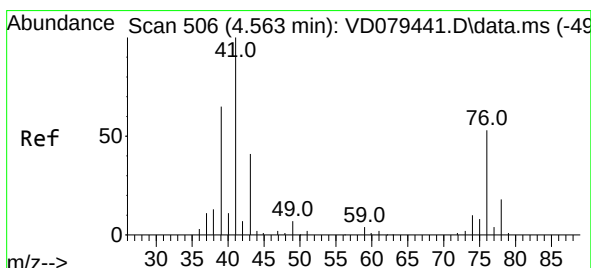
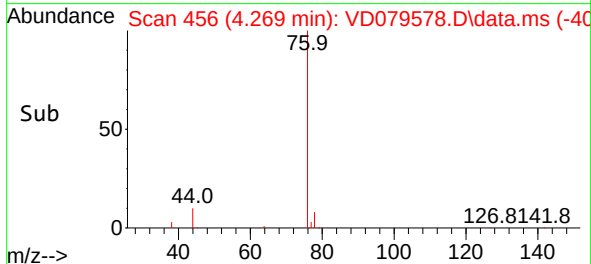
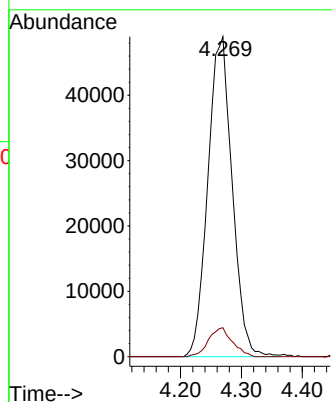
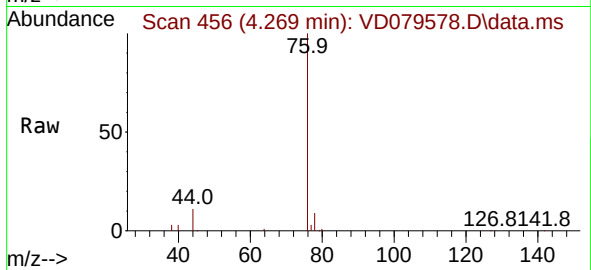




#17
Carbon Disulfide
Concen: 16.331 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

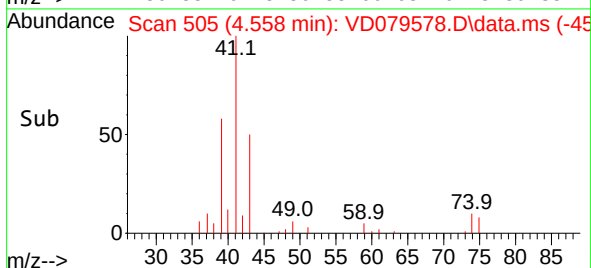
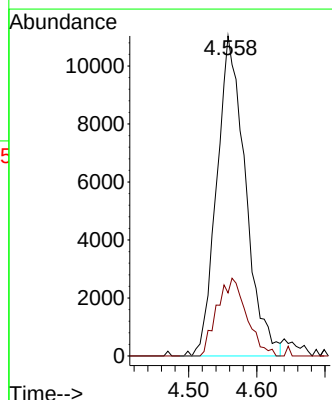
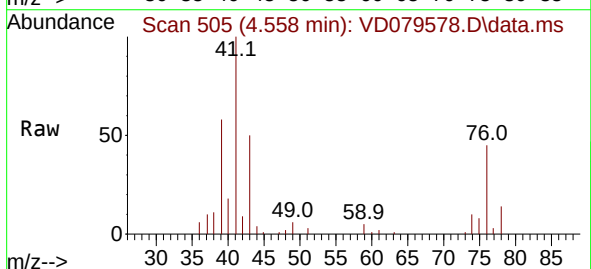
Instrument :
MSVOA_D
ClientSampleId :

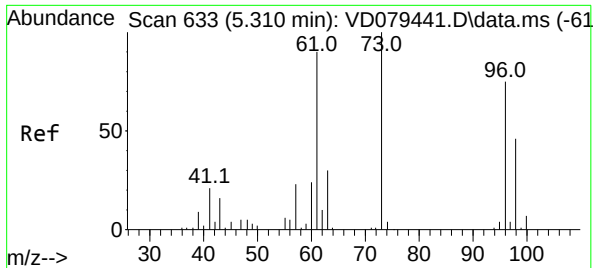
Tgt Ion: 76 Resp: 135907
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 22.540 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Tgt Ion: 43 Resp: 32240
Ion Ratio Lower Upper
43 100
74 25.1 28.1 42.1#

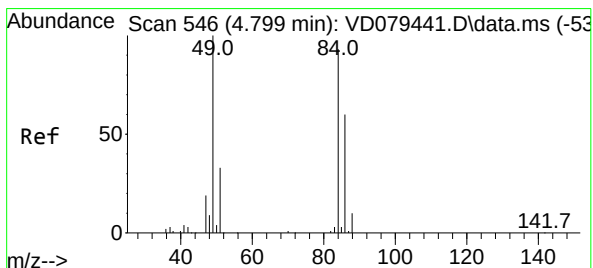
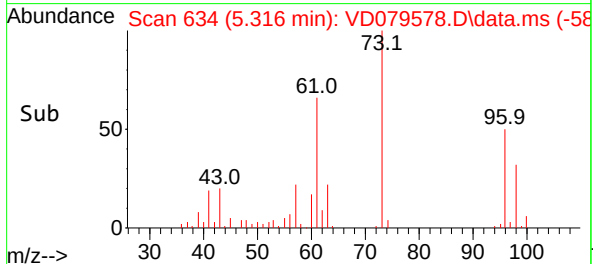
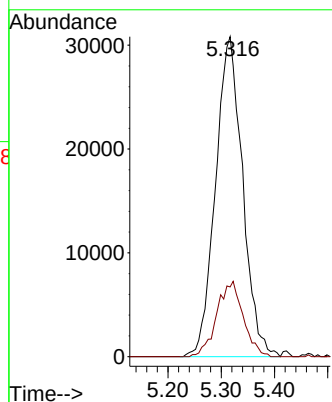
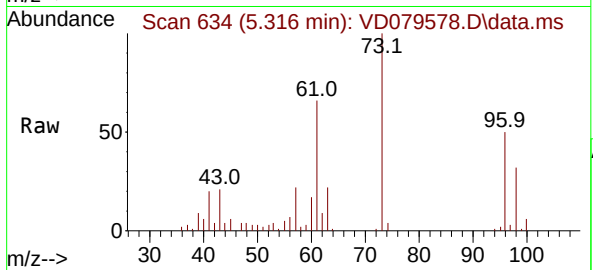




#19
Methyl tert-butyl Ether
Concen: 21.164 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

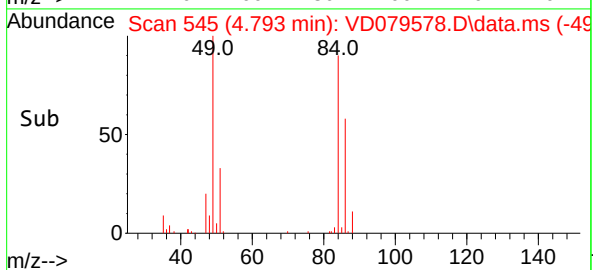
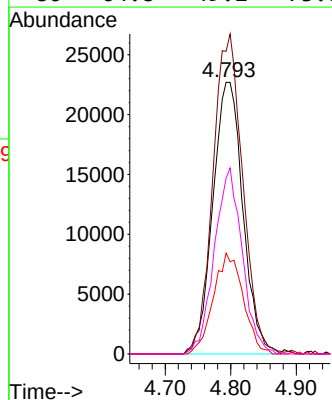
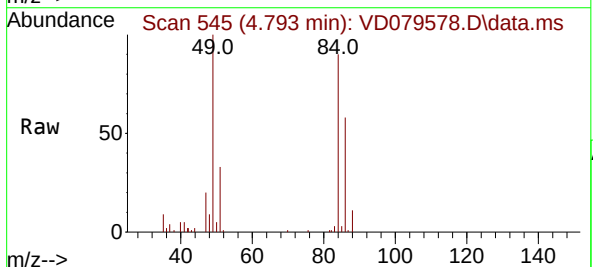
Instrument :
MSVOA_D
ClientSampleId :

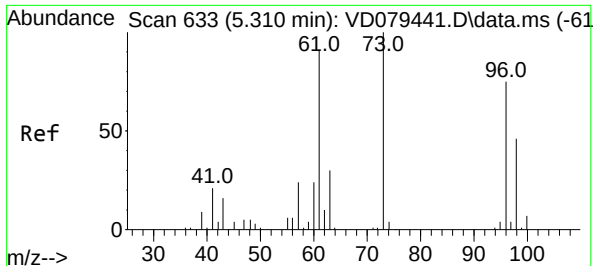
Tgt Ion: 73 Resp: 108914
Ion Ratio Lower Upper
73 100
57 21.8 18.3 27.5



#20
Methylene Chloride
Concen: 8.648 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

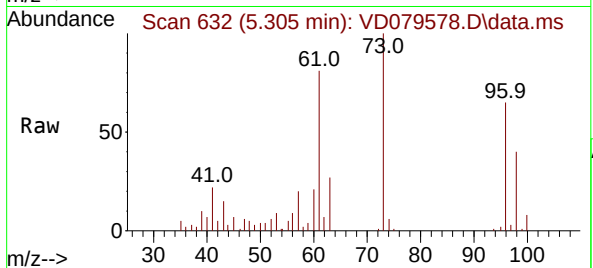
Tgt Ion: 84 Resp: 72247
Ion Ratio Lower Upper
84 100
49 111.4 75.6 113.4
51 37.1 24.2 36.2#
86 64.8 49.2 73.8



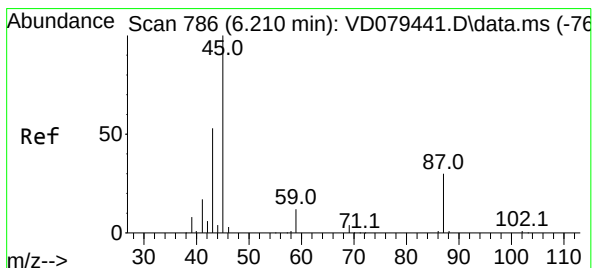
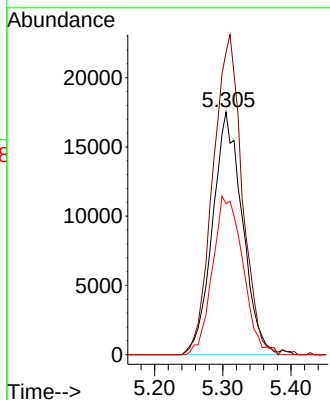
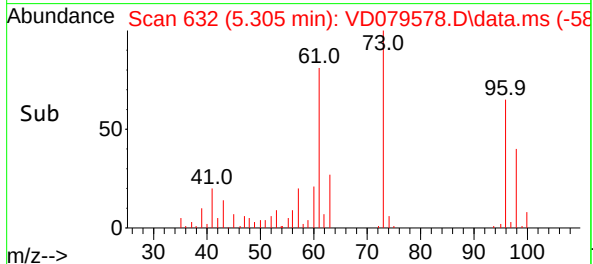


#21
trans-1,2-Dichloroethene
Concen: 18.801 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

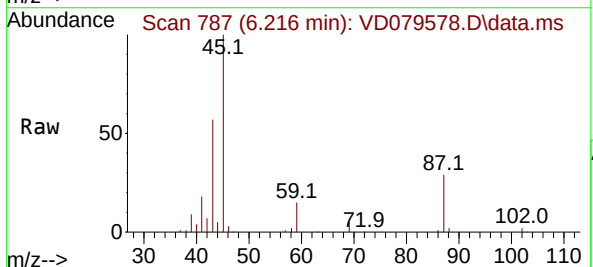
Instrument :
MSVOA_D
ClientSampleId :



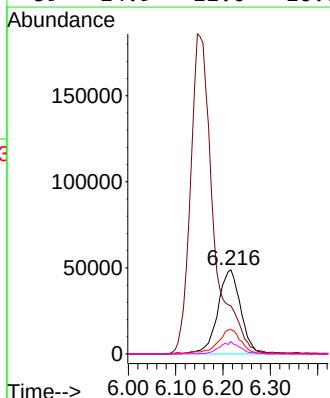
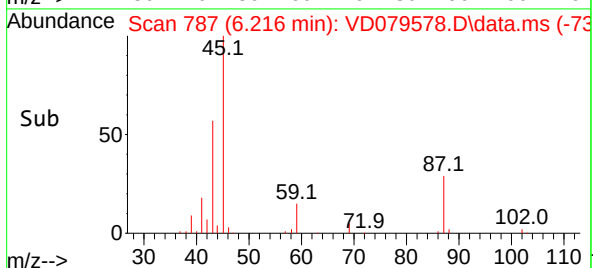
Tgt Ion: 96 Resp: 53249
Ion Ratio Lower Upper
96 100
61 124.6 84.5 126.7
98 62.2 50.5 75.7

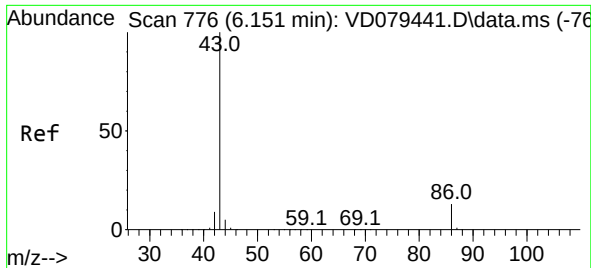


#22
Diisopropyl ether
Concen: 22.125 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05



Tgt Ion: 45 Resp: 163890
Ion Ratio Lower Upper
45 100
43 55.4 41.7 62.5
87 28.3 30.2 45.2#
59 14.9 11.0 16.6

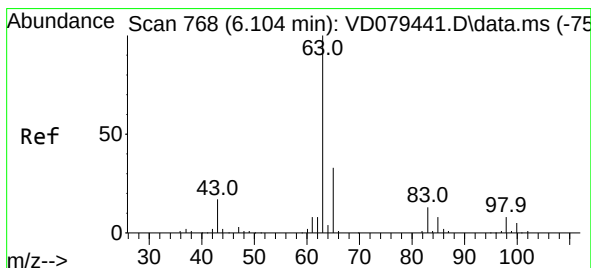
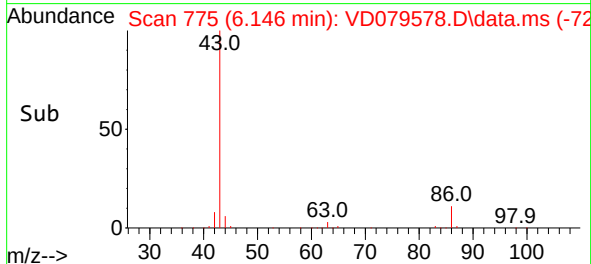
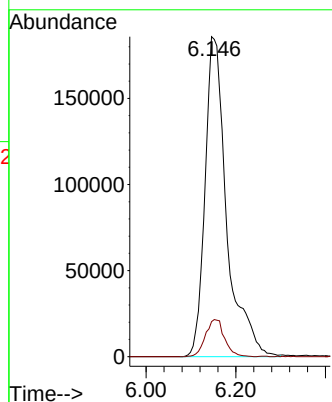
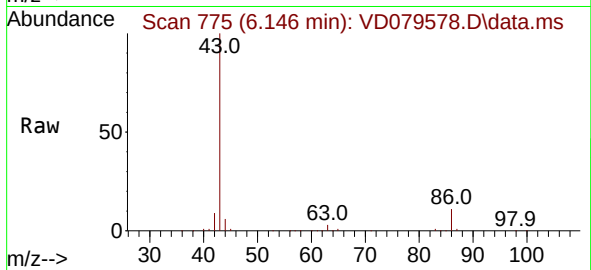




#23
 Vinyl Acetate
 Concen: 112.137 ug/l
 RT: 6.146 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: VD079578.D
 Acq: 05 Aug 2024 14:05

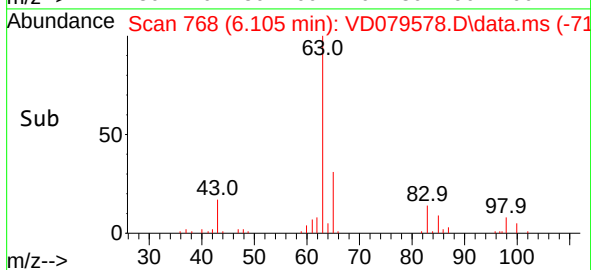
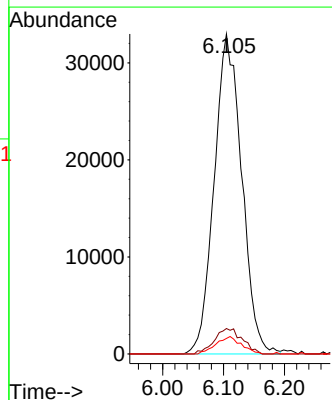
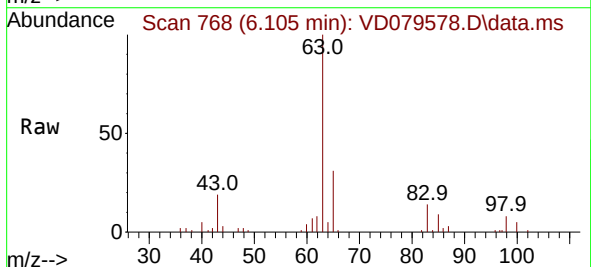
Instrument :
 MSVOA_D
 ClientSampleId :

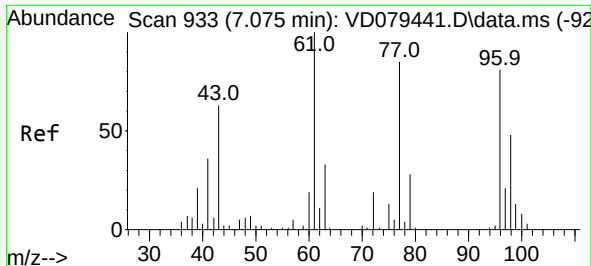
Tgt Ion: 43 Resp: 624404
 Ion Ratio Lower Upper
 43 100
 86 11.0 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 20.822 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD079578.D
 Acq: 05 Aug 2024 14:05

Tgt Ion: 63 Resp: 103360
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.7 14.0
 100 4.9 2.9 8.6





#25

2-Butanone

Concen: 110.204 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

Instrument :

MSVOA_D

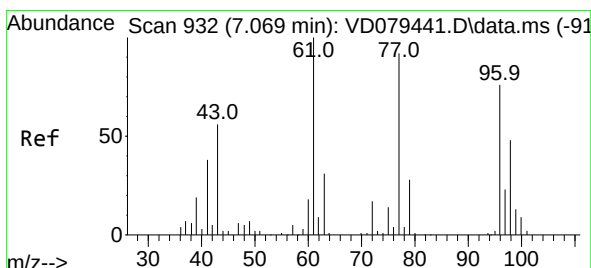
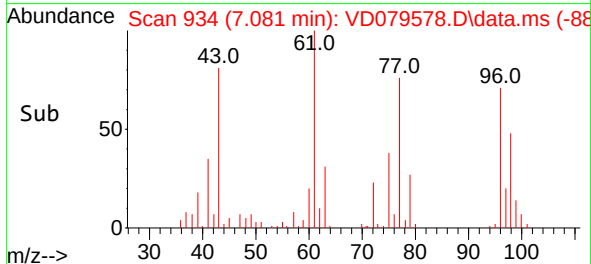
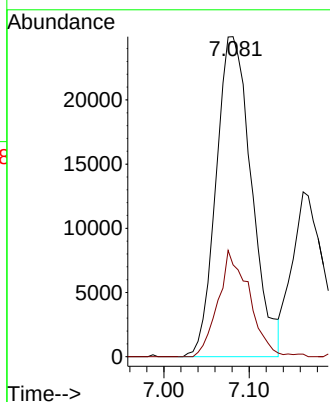
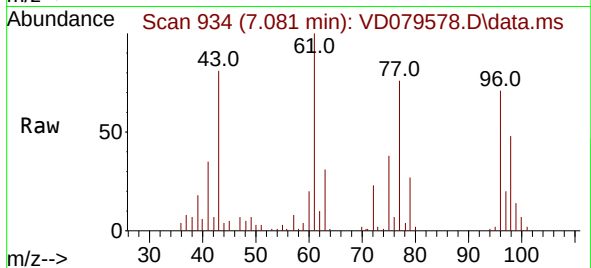
ClientSampleId :

Tgt Ion: 43 Resp: 71976

Ion Ratio Lower Upper

43 100

72 28.7 26.4 39.6



#26

2,2-Dichloropropane

Concen: 20.402 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD079578.D

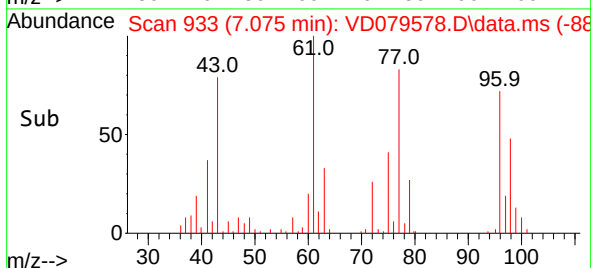
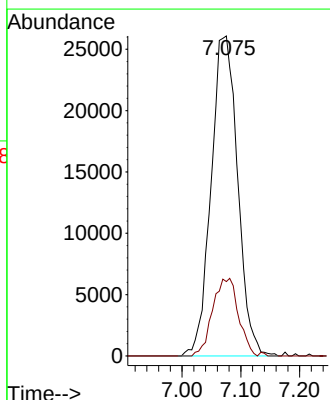
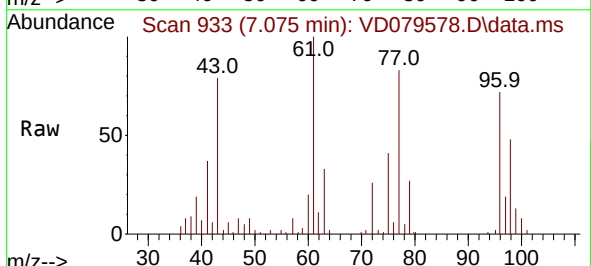
Acq: 05 Aug 2024 14:05

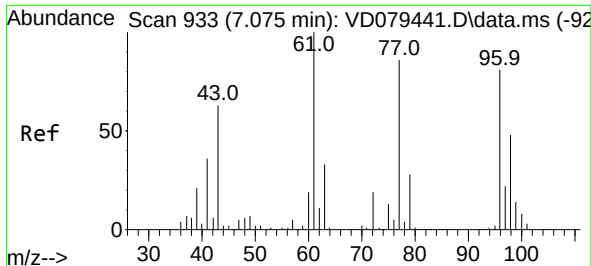
Tgt Ion: 77 Resp: 81917

Ion Ratio Lower Upper

77 100

97 23.5 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 19.690 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

Instrument :

MSVOA_D

ClientSampleId :

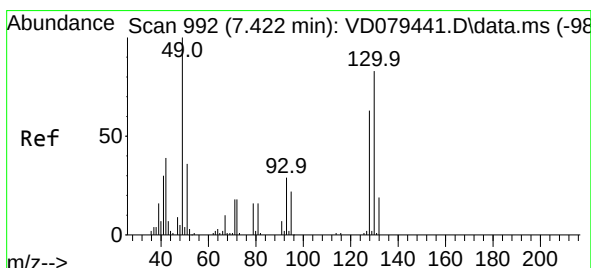
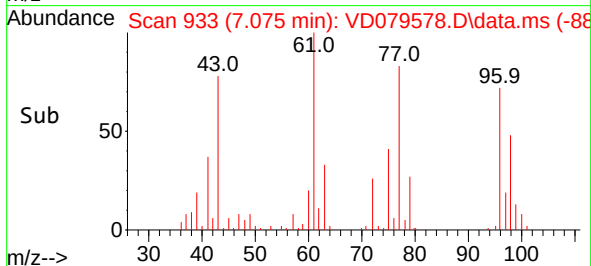
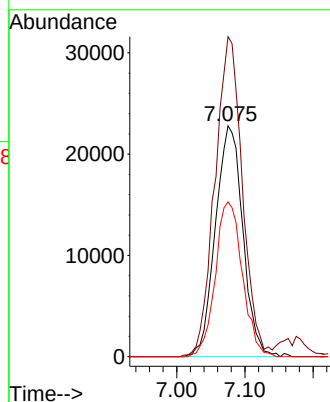
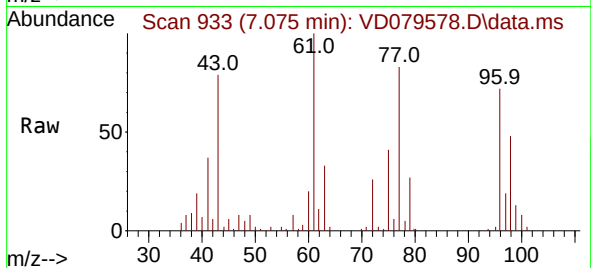
Tgt Ion: 96 Resp: 63743

Ion Ratio Lower Upper

96 100

61 138.9 0.0 229.0

98 66.0 0.0 127.2



#28

Bromochloromethane

Concen: 19.941 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.012 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

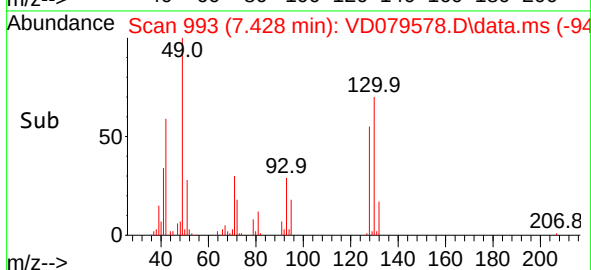
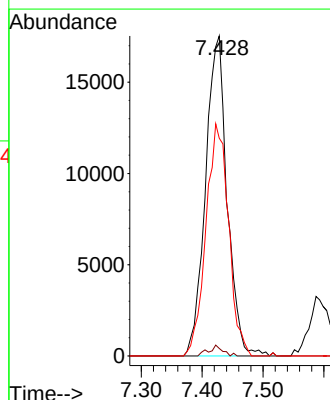
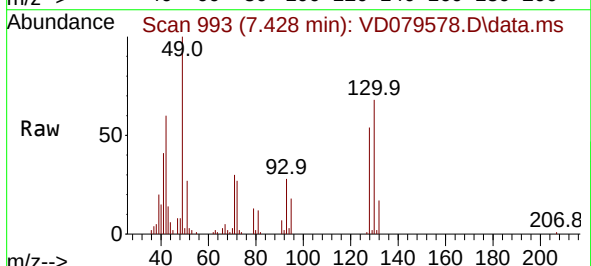
Tgt Ion: 49 Resp: 43406

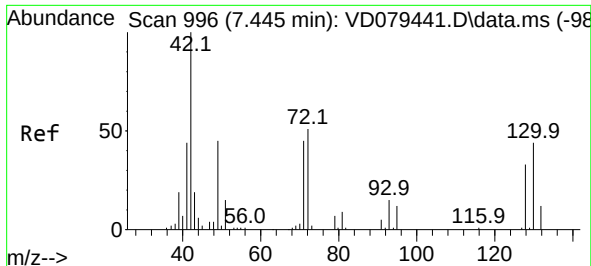
Ion Ratio Lower Upper

49 100

129 2.2 0.0 7.0

130 75.7 87.7 131.5#





#29

Tetrahydrofuran

Concen: 112.665 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

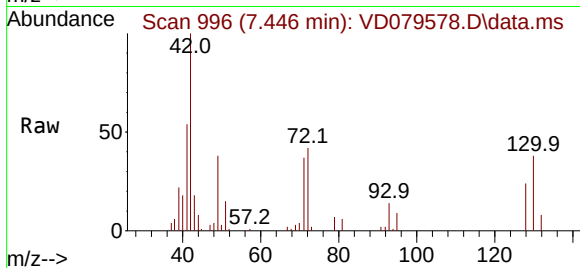
Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

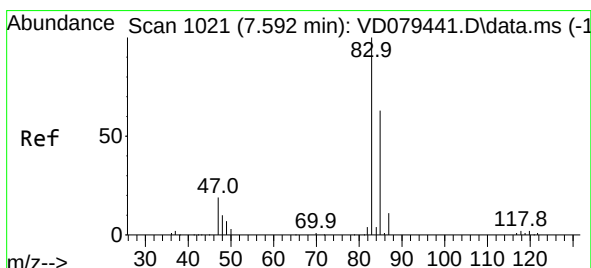
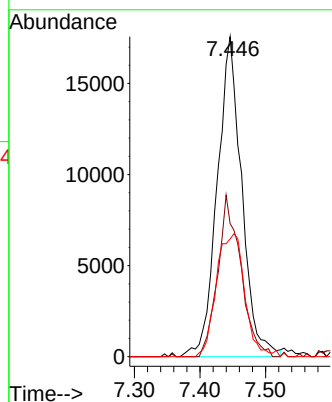
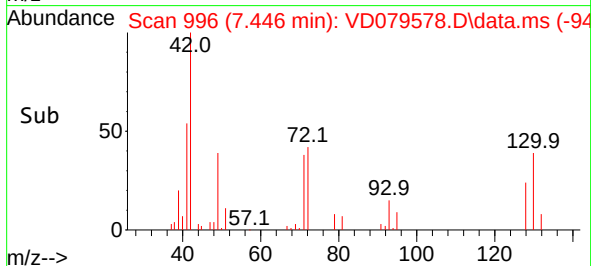
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	45602
Ion	Ratio	Lower	Upper
42	100		
72	47.3	49.4	74.0#
71	44.6	45.0	67.6#



#30

Chloroform

Concen: 20.923 ug/l

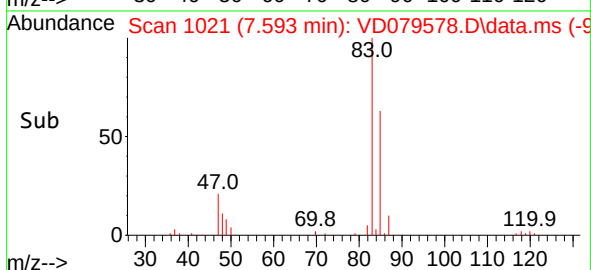
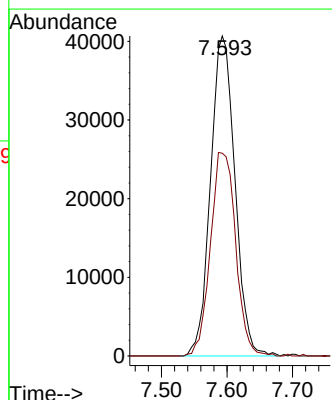
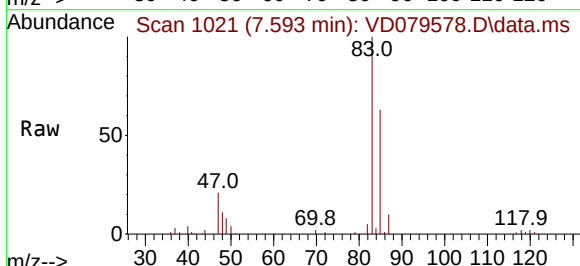
RT: 7.593 min Scan# 1021

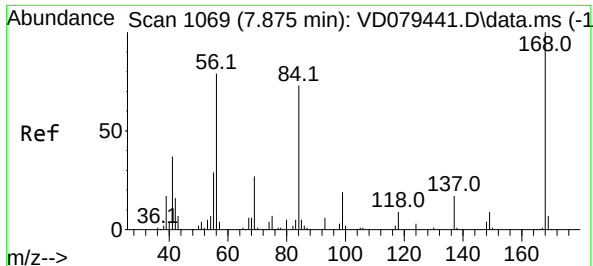
Delta R.T. 0.000 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

Tgt Ion:	83	Resp:	105178
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.8	77.6

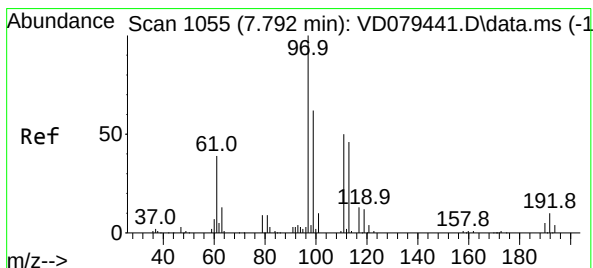
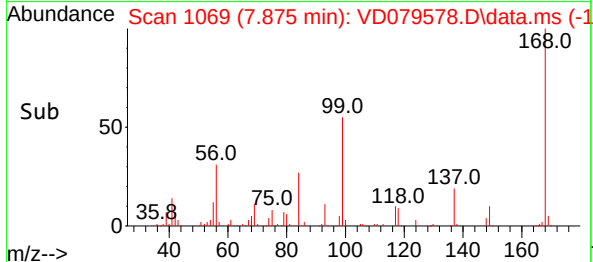
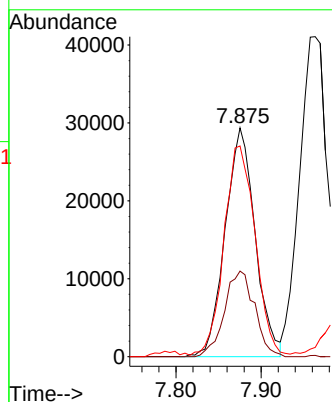
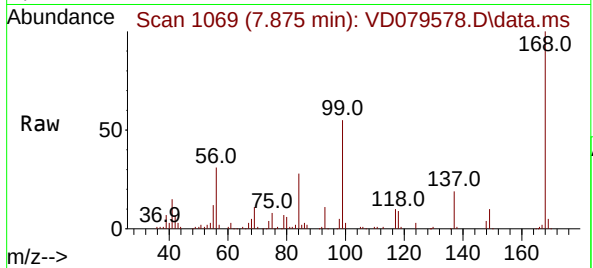




#31
Cyclohexane
Concen: 18.226 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

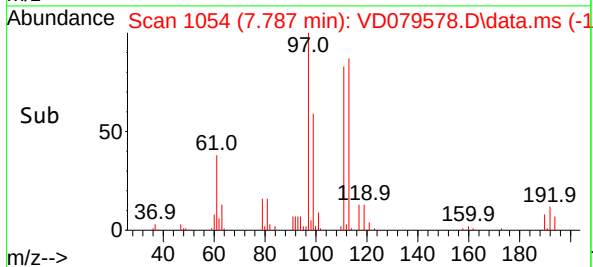
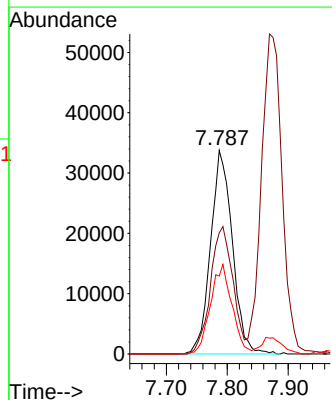
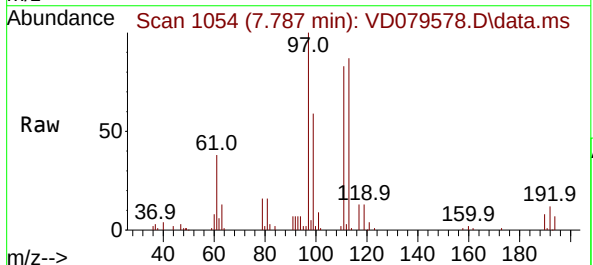
Instrument :
MSVOA_D
ClientSampleId :

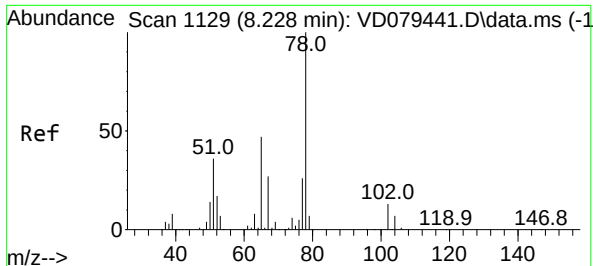
Tgt Ion: 56 Resp: 71755
Ion Ratio Lower Upper
56 100
69 37.4 28.0 42.0
84 91.3 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 20.256 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Tgt Ion: 97 Resp: 84022
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 43.4 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 47.791 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

Instrument :

MSVOA_D

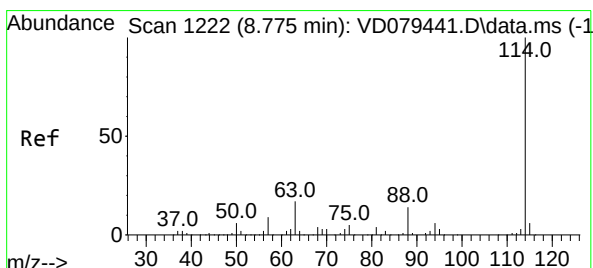
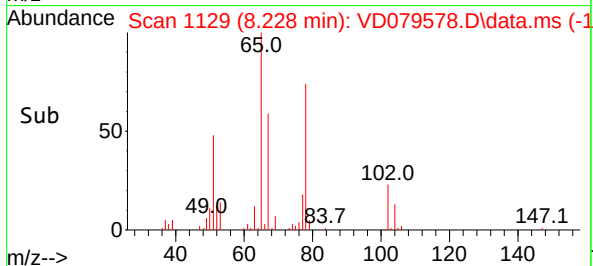
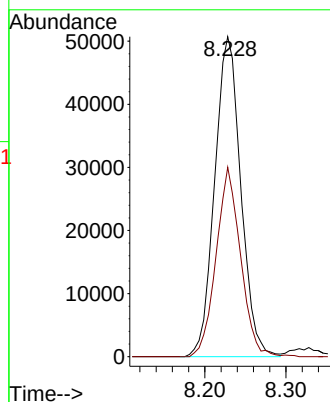
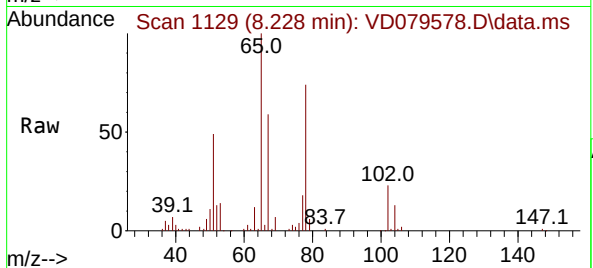
ClientSampleId :

Tgt Ion: 65 Resp: 113287

Ion Ratio Lower Upper

65 100

67 55.5 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

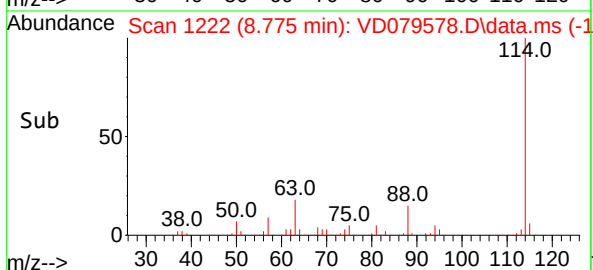
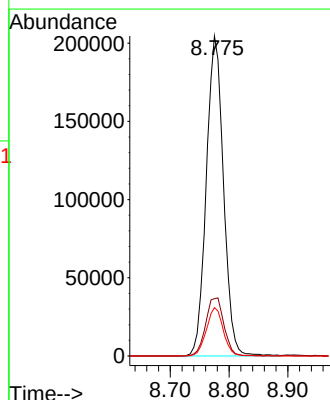
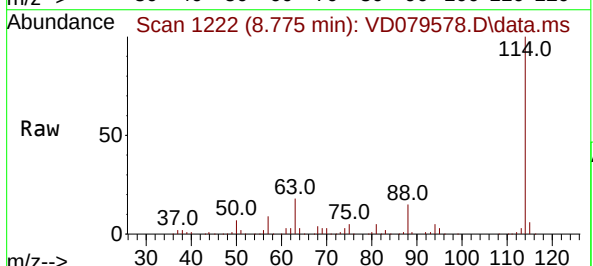
Tgt Ion: 114 Resp: 415863

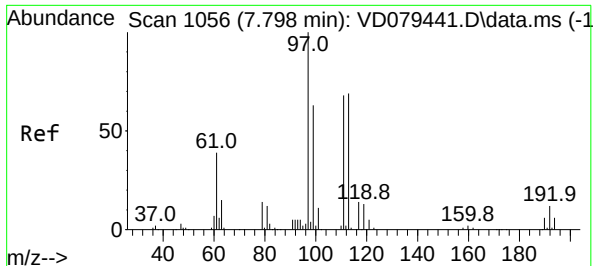
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.0

88 15.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 41.744 ug/l

RT: 7.805 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

Instrument :

MSVOA_D

ClientSampleId :

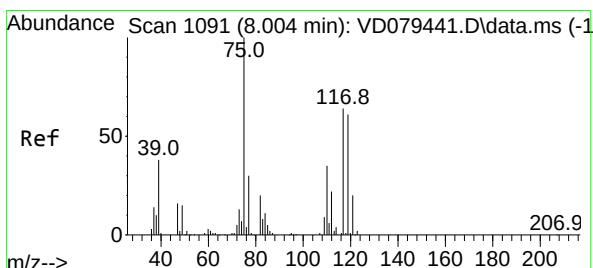
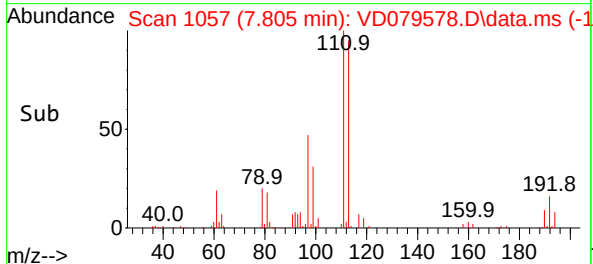
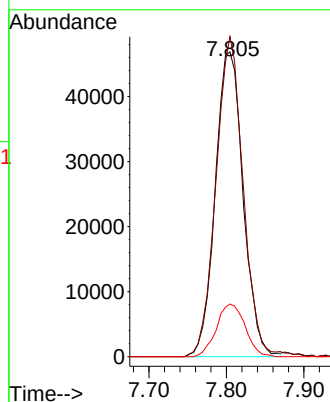
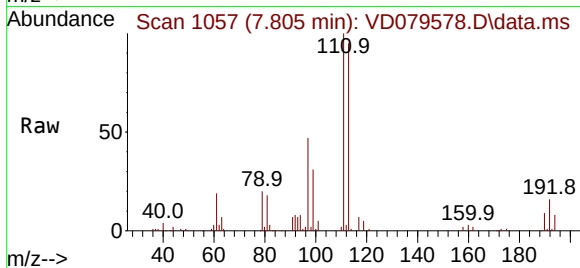
Tgt Ion:113 Resp: 117500

Ion Ratio Lower Upper

113 100

111 102.5 84.0 126.0

192 17.7 15.4 23.0



#36

1,1-Dichloropropene

Concen: 17.726 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

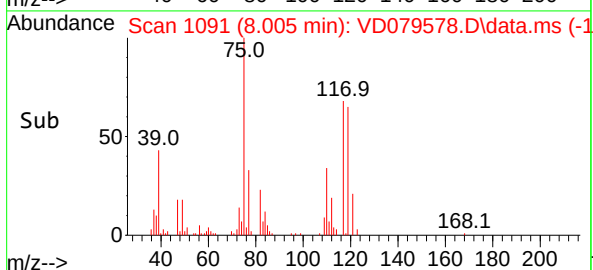
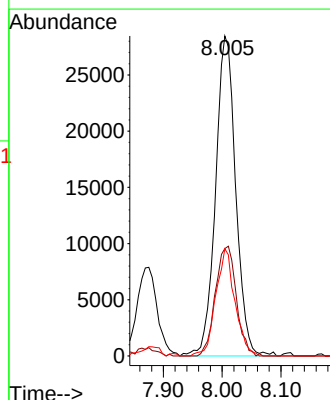
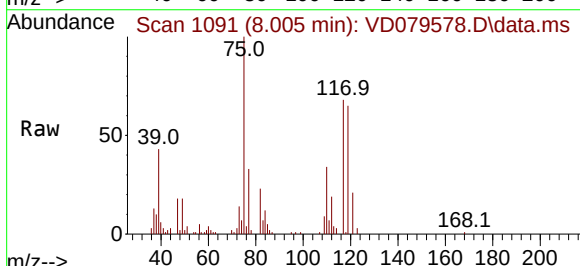
Tgt Ion: 75 Resp: 68099

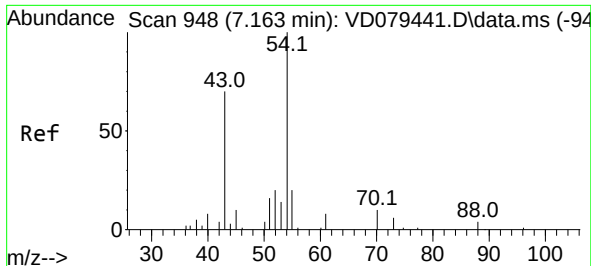
Ion Ratio Lower Upper

75 100

110 35.5 19.6 58.7

77 31.8 26.1 39.1





#37

Ethyl Acetate

Concen: 21.685 ug/l

RT: 7.163 min Scan# 948

Delta R.T. -0.012 min

Lab File: VD079578.D

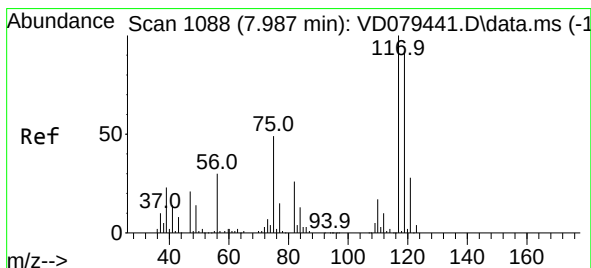
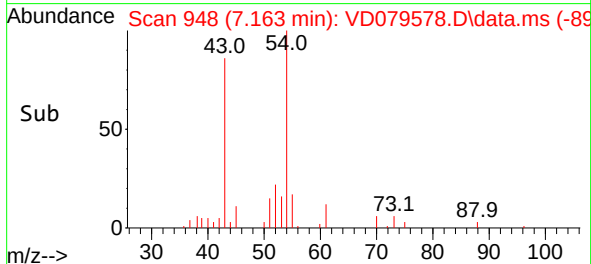
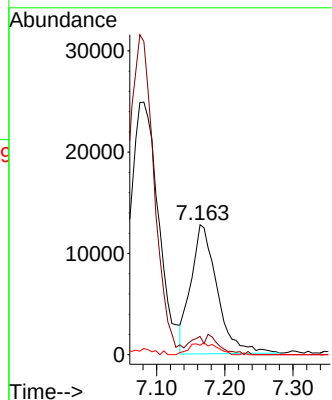
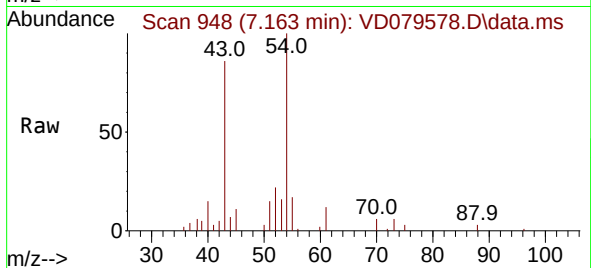
Acq: 05 Aug 2024 14:05

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp:	34157
Ion Ratio	Lower	Upper
43	100	
61	0.0	13.9
70	4.1	9.8



#38

Carbon Tetrachloride

Concen: 18.131 ug/l

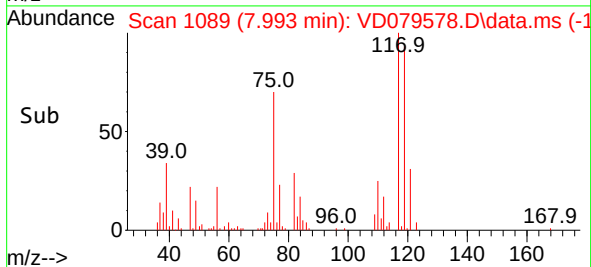
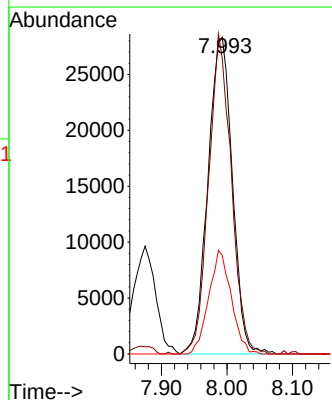
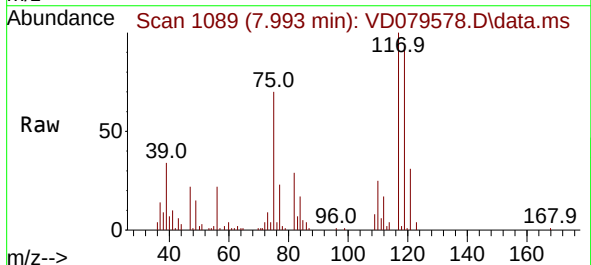
RT: 7.993 min Scan# 1089

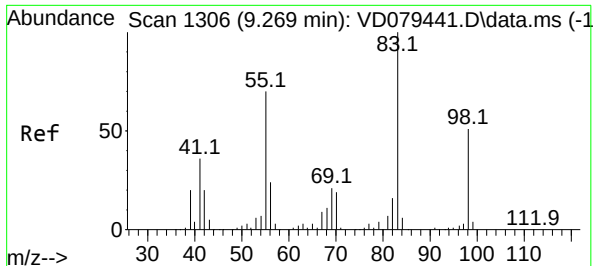
Delta R.T. 0.006 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

Tgt Ion: 117	Resp:	73224
Ion Ratio	Lower	Upper
117	100	
119	93.2	75.4
121	31.1	25.0





#39

Methylcyclohexane

Concen: 15.866 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

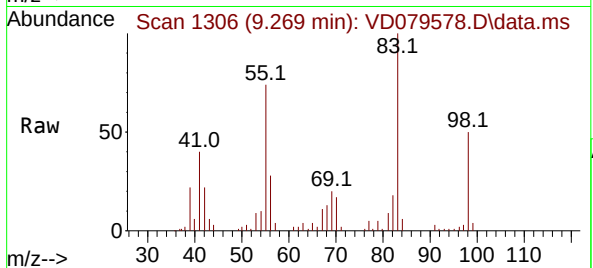
Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

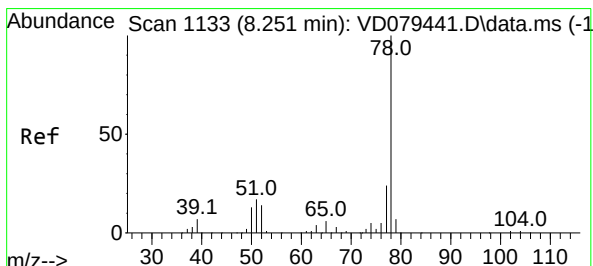
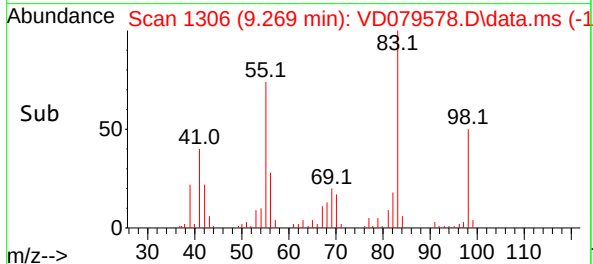
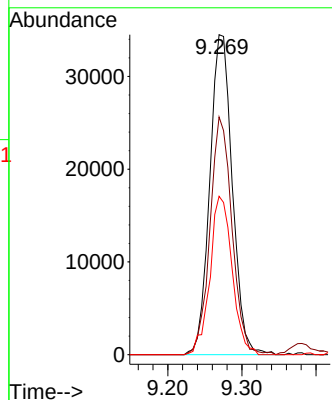
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	83	Resp:	72728
Ion	Ratio	Lower	Upper
83	100		
55	74.3	50.1	75.1
98	49.5	41.9	62.9



#40

Benzene

Concen: 18.822 ug/l

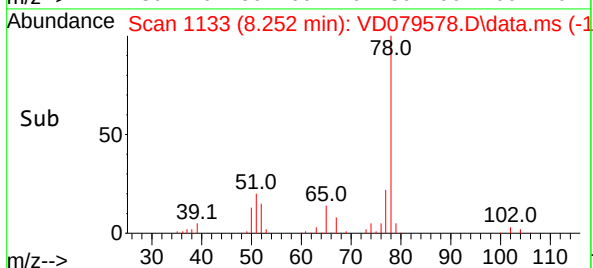
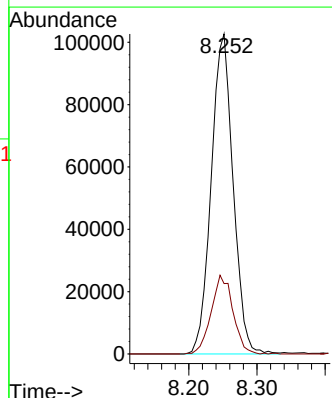
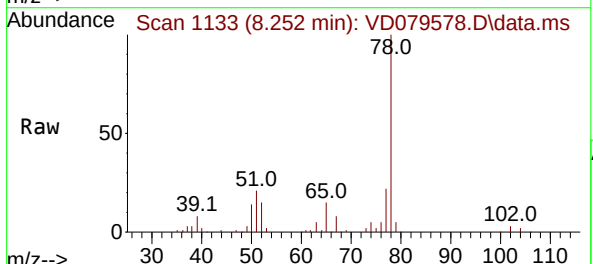
RT: 8.252 min Scan# 1133

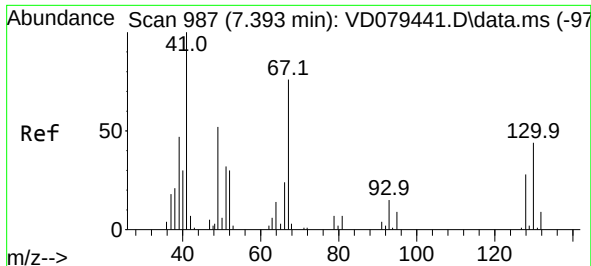
Delta R.T. 0.000 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

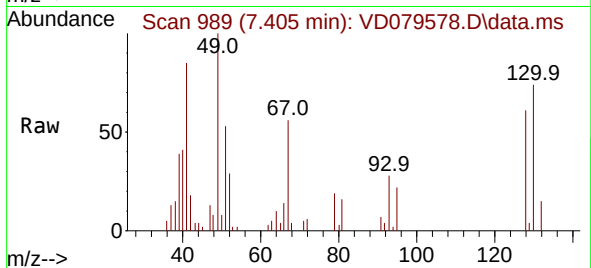
Tgt Ion:	78	Resp:	229675
Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.1	27.1



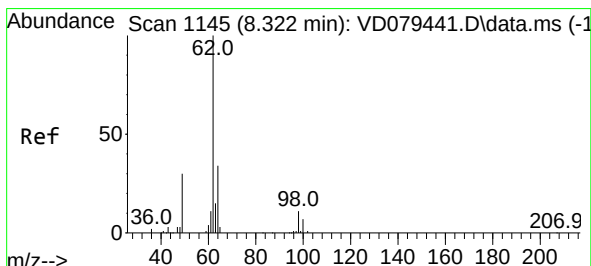
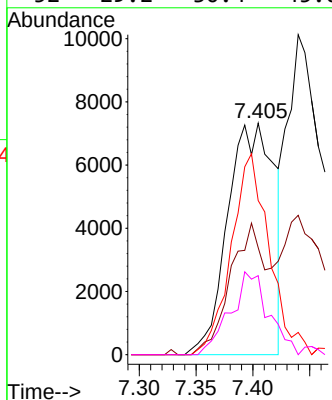
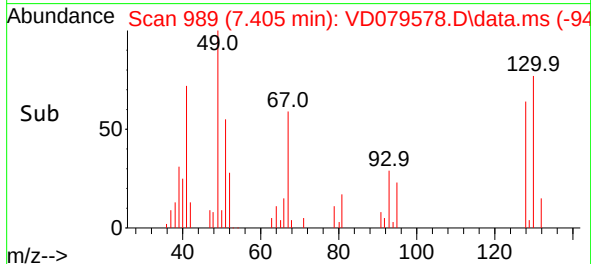


#41
Methacrylonitrile
Concen: 24.056 ug/l
RT: 7.405 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

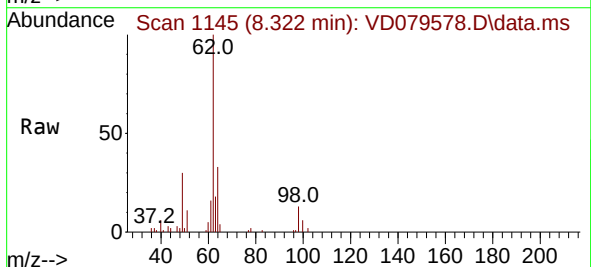
Instrument :
MSVOA_D
ClientSampleId :



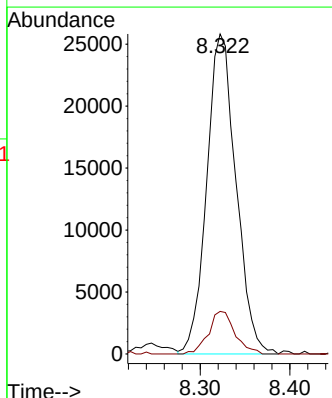
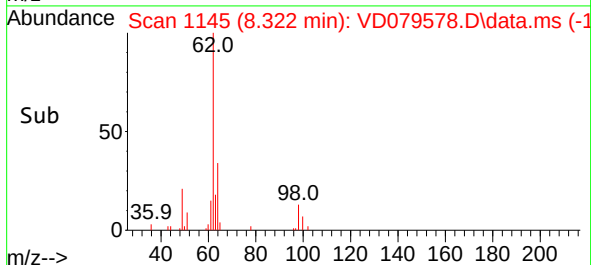
Tgt Ion:	41	Resp:	20843
Ion Ratio	100	Lower	Upper
39	39.5	41.4	62.0#
67	71.5	85.8	128.6#
52	29.2	30.4	45.6#

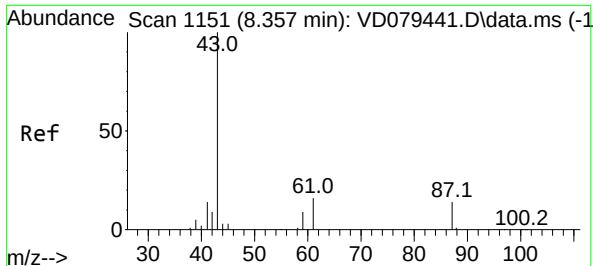


#42
1,2-Dichloroethane
Concen: 20.104 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05



Tgt Ion:	62	Resp:	58457
Ion Ratio	100	Lower	Upper
98	12.0	0.0	25.8

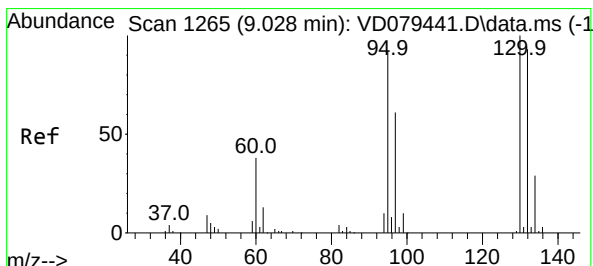
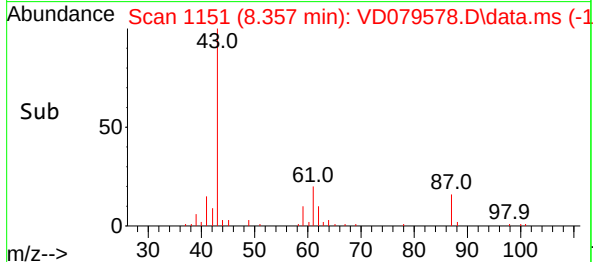
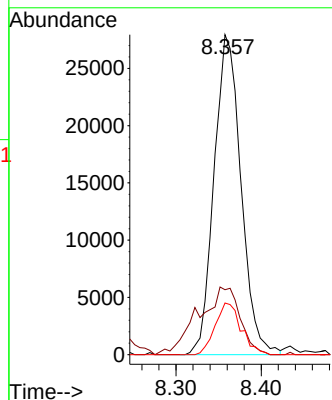
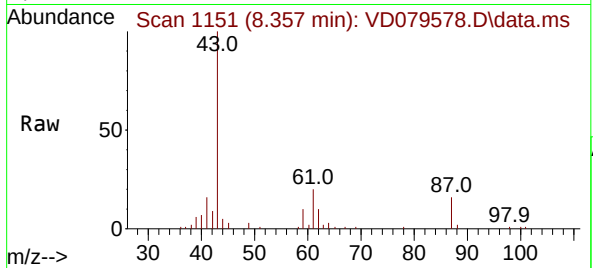




#43
Isopropyl Acetate
Concen: 20.715 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

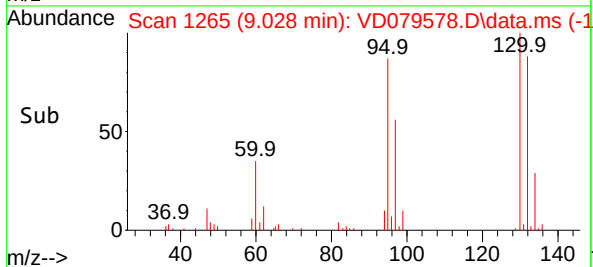
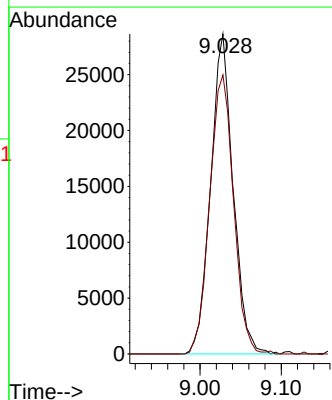
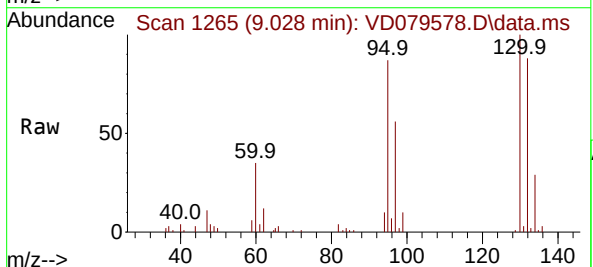
Instrument :
MSVOA_D
ClientSampleId :

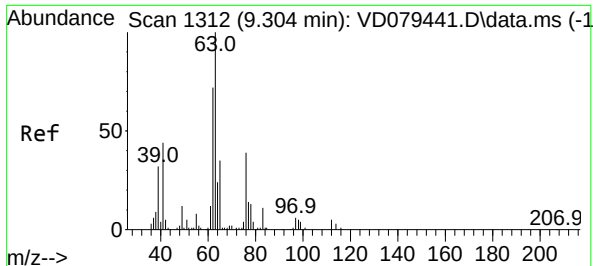
Tgt Ion: 43 Resp: 61326
Ion Ratio Lower Upper
43 100
61 32.7 29.3 43.9
87 15.6 14.9 22.3



#44
Trichloroethene
Concen: 18.138 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Tgt Ion:130 Resp: 55095
Ion Ratio Lower Upper
130 100
95 87.2 0.0 177.8





#45

1,2-Dichloropropane

Concen: 19.651 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

Instrument :

MSVOA_D

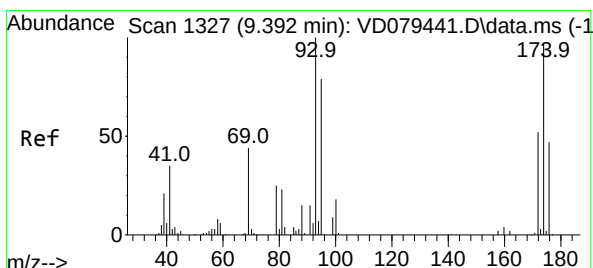
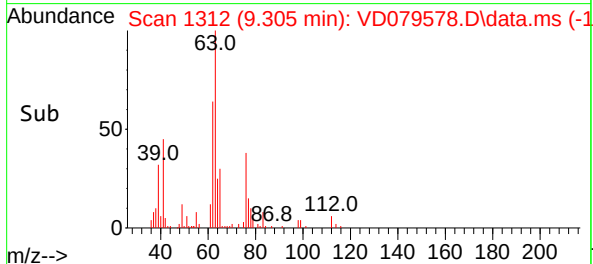
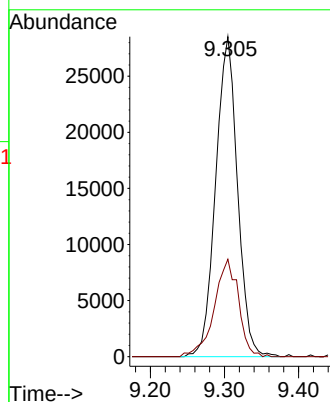
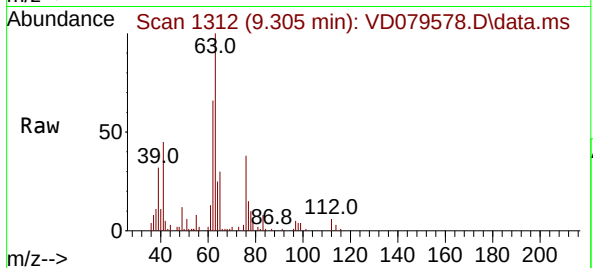
ClientSampleId :

Tgt Ion: 63 Resp: 58353

Ion Ratio Lower Upper

63 100

65 30.4 23.8 35.8



#46

Dibromomethane

Concen: 19.973 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

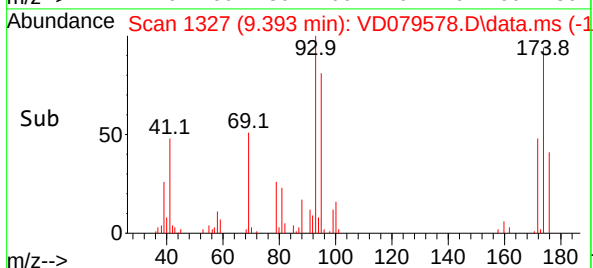
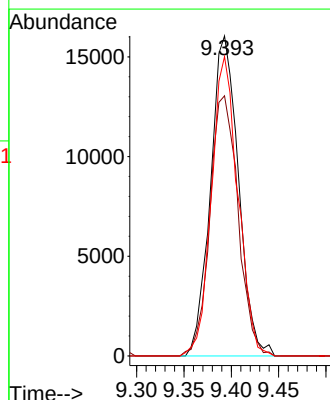
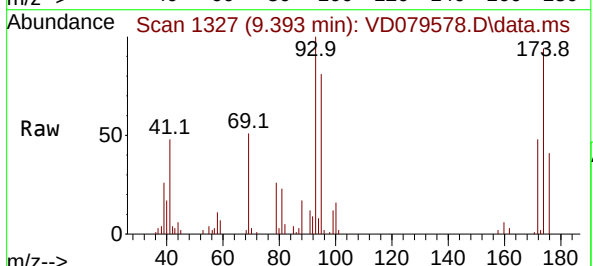
Tgt Ion: 93 Resp: 32880

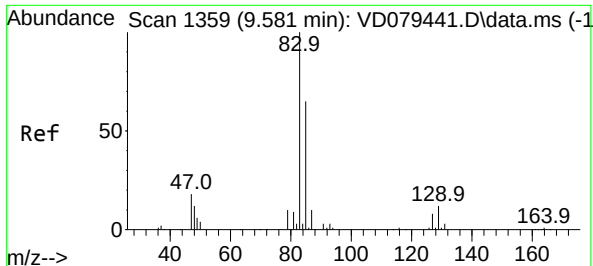
Ion Ratio Lower Upper

93 100

95 82.0 65.6 98.4

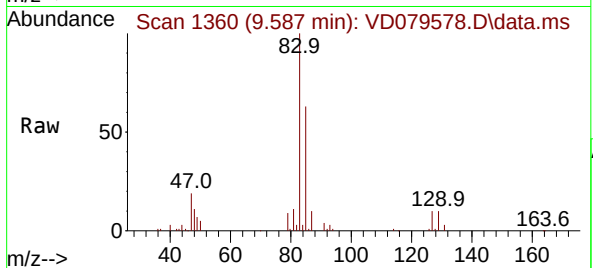
174 88.8 82.3 123.5



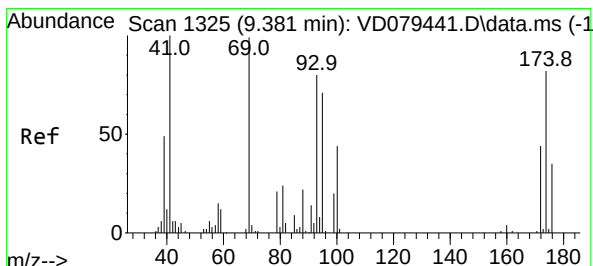
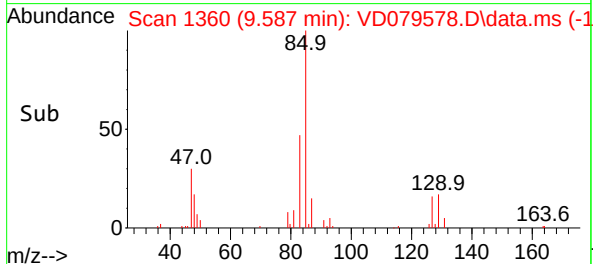
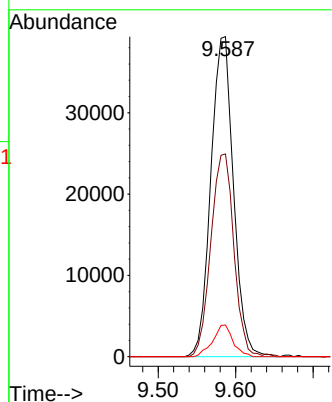


#47
Bromodichloromethane
Concen: 19.705 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Instrument :
MSVOA_D
ClientSampleId :

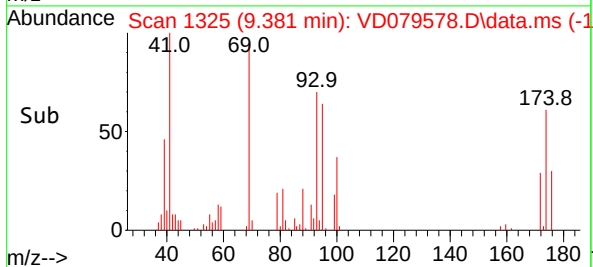
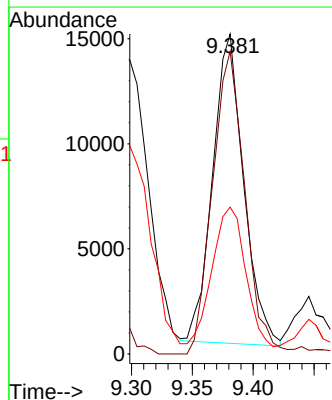
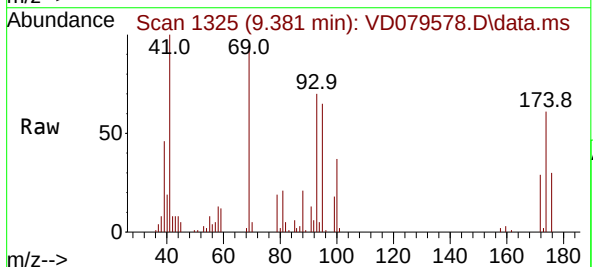


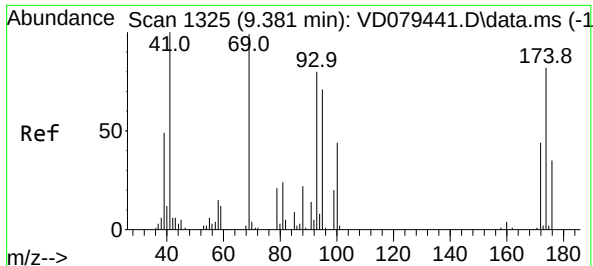
Tgt Ion: 83 Resp: 79651
Ion Ratio Lower Upper
83 100
85 63.4 50.1 75.1
127 9.9 6.8 10.2



#48
Methyl methacrylate
Concen: 19.735 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Tgt Ion: 41 Resp: 26146
Ion Ratio Lower Upper
41 100
69 101.4 96.7 145.1
39 53.7 43.8 65.6





#49

1,4-Dioxane

Concen: 381.988 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.012 min

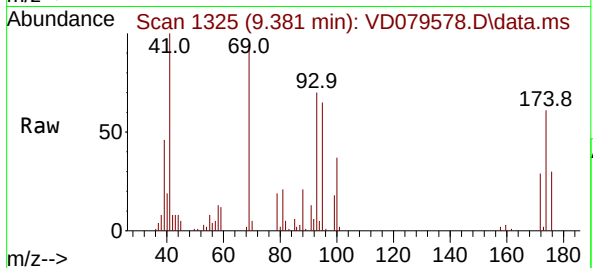
Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

Instrument :

MSVOA_D

ClientSampleId :



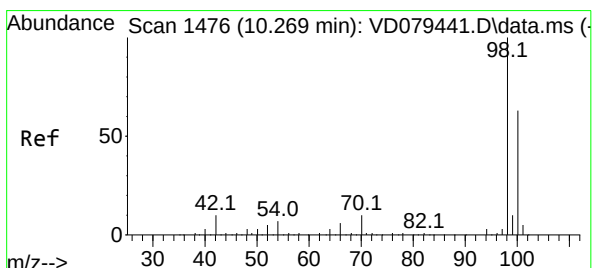
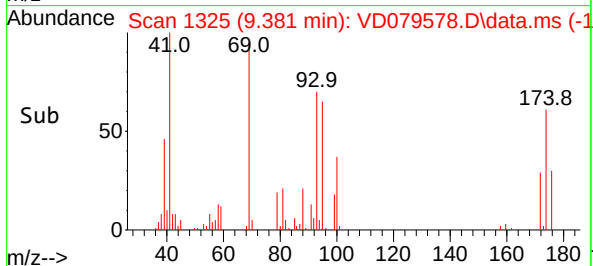
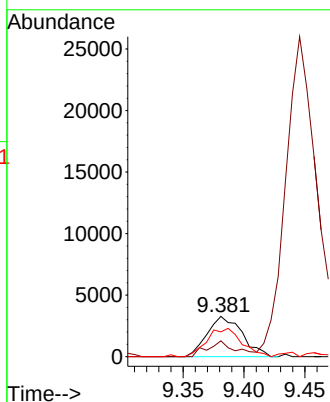
Tgt Ion: 88 Resp: 6516

Ion Ratio Lower Upper

88 100

43 32.4 21.5 32.3#

58 69.4 42.2 63.4#



#50

Toluene-d8

Concen: 42.789 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079578.D

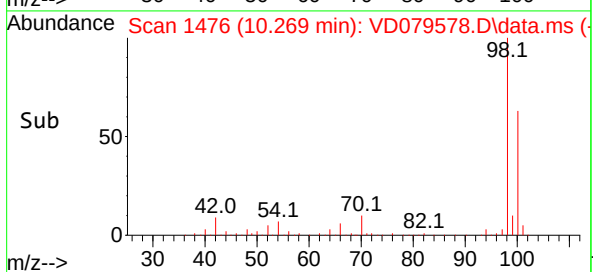
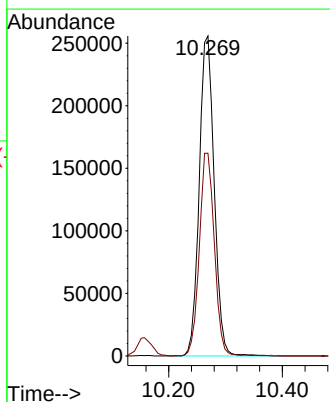
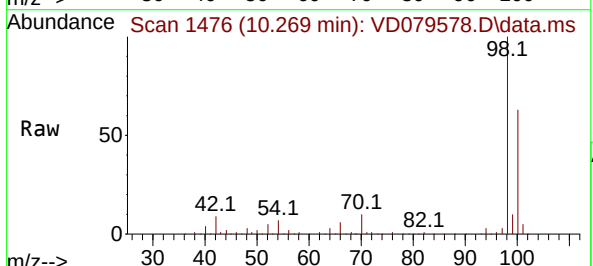
Acq: 05 Aug 2024 14:05

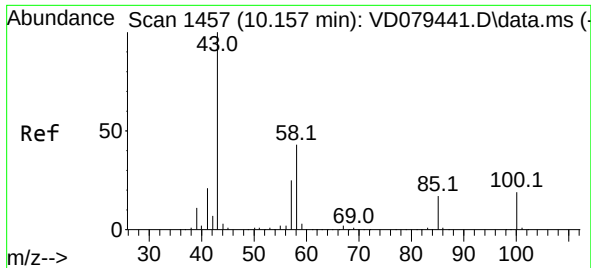
Tgt Ion: 98 Resp: 467715

Ion Ratio Lower Upper

98 100

100 63.5 51.6 77.4

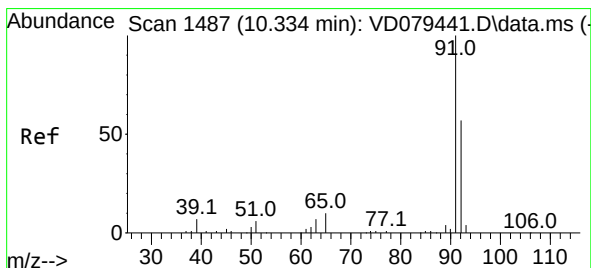
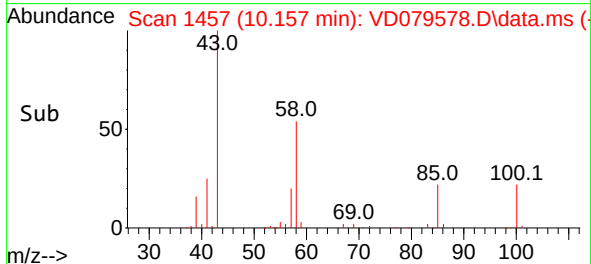
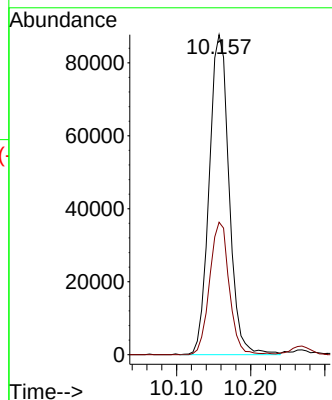
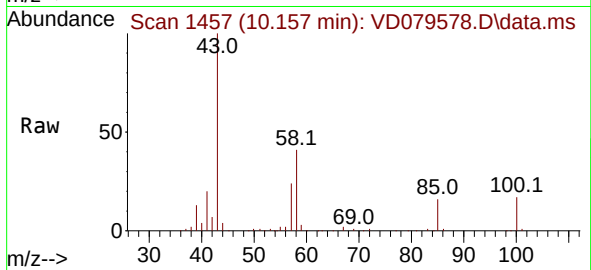




#51
4-Methyl-2-Pentanone
Concen: 108.034 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

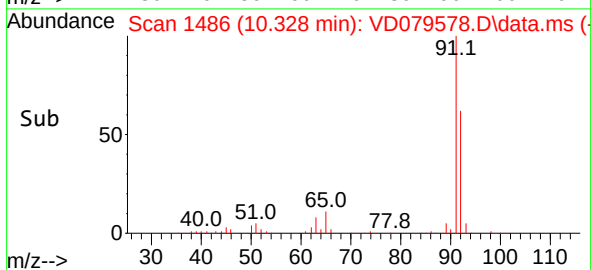
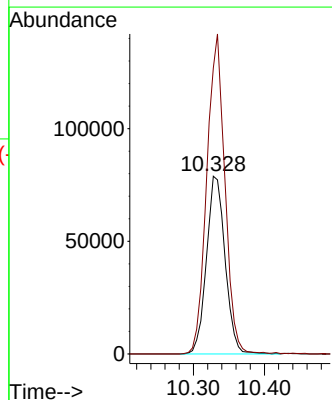
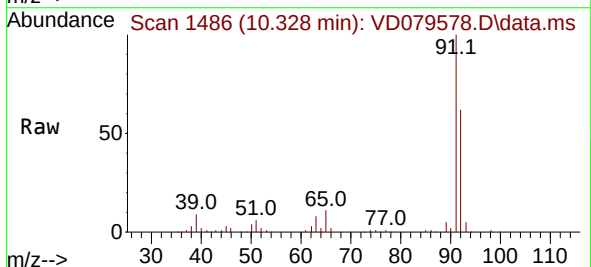
Instrument :
MSVOA_D
ClientSampleId :

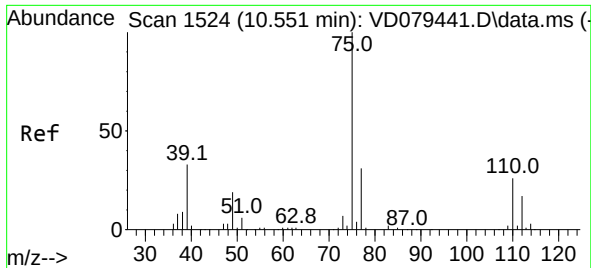
Tgt Ion: 43 Resp: 163285
Ion Ratio Lower Upper
43 100
58 40.7 36.6 55.0



#52
Toluene
Concen: 19.074 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Tgt Ion: 92 Resp: 143943
Ion Ratio Lower Upper
92 100
91 174.8 141.7 212.5

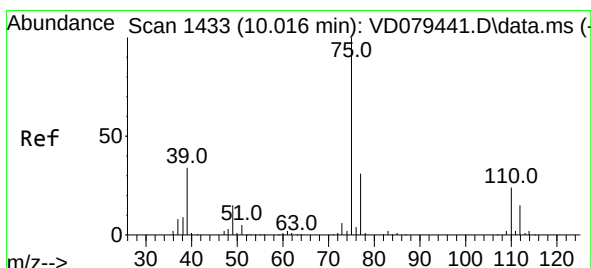
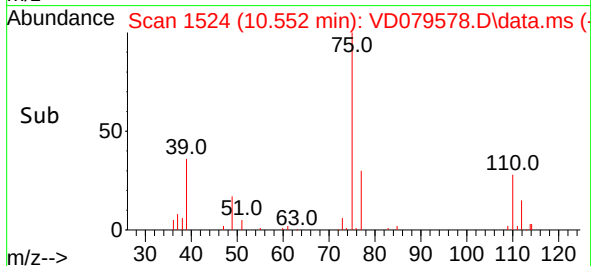
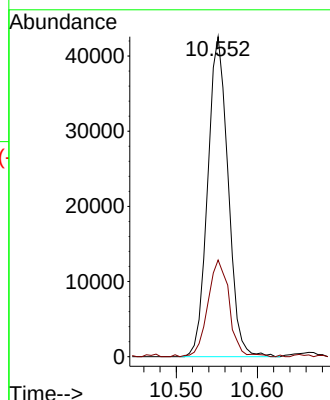
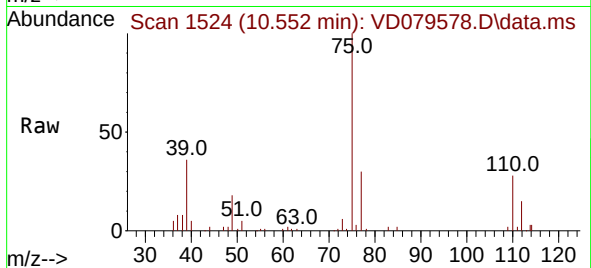




#53
t-1,3-Dichloropropene
Concen: 19.888 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

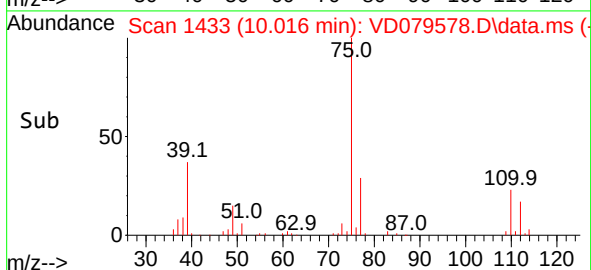
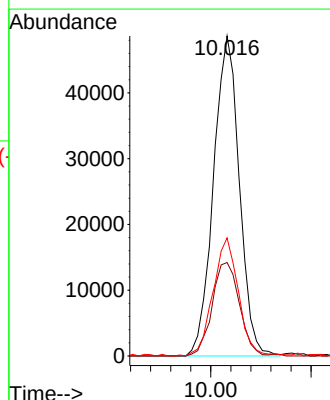
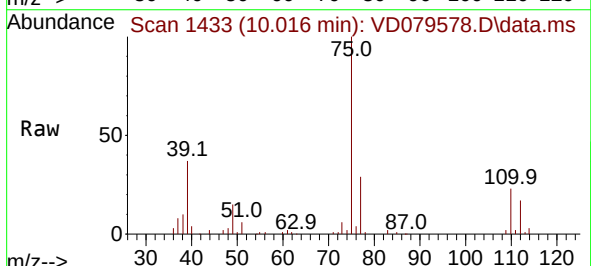
Instrument :
MSVOA_D
ClientSampleId :

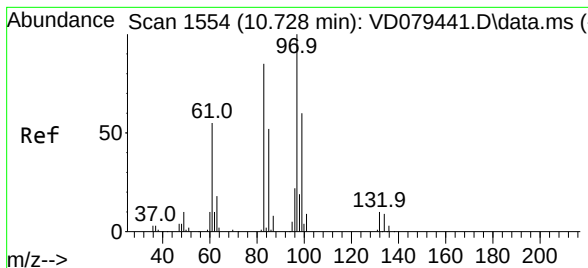
Tgt Ion: 75 Resp: 74238
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 19.394 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

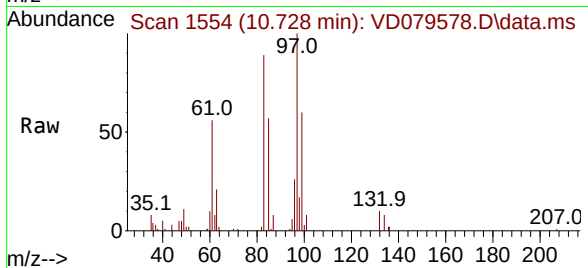
Tgt Ion: 75 Resp: 87081
Ion Ratio Lower Upper
75 100
77 29.2 24.4 36.6
39 36.6 24.2 36.2#



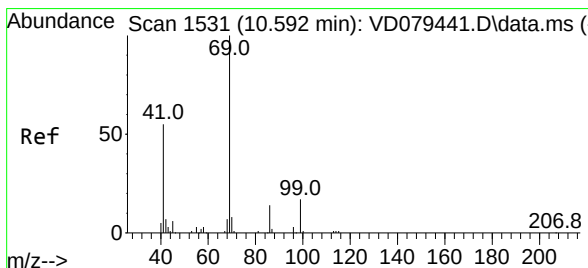
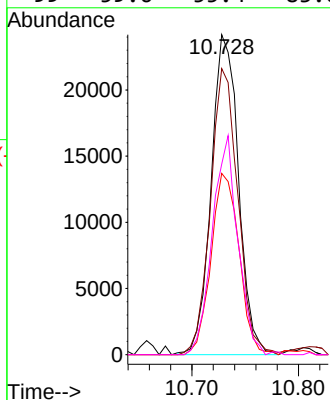
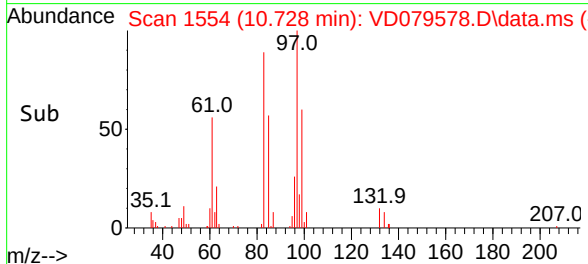


#55
 1,1,2-Trichloroethane
 Concen: 19.792 ug/l
 RT: 10.728 min Scan# 1554
 Delta R.T. 0.000 min
 Lab File: VD079578.D
 Acq: 05 Aug 2024 14:05

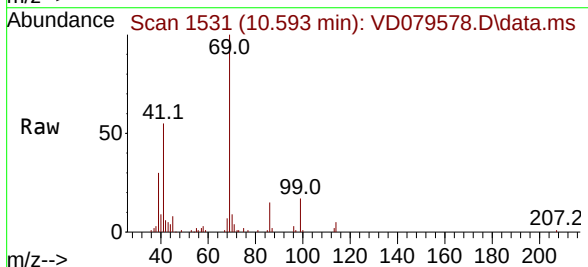
Instrument :
 MSVOA_D
 ClientSampleId :



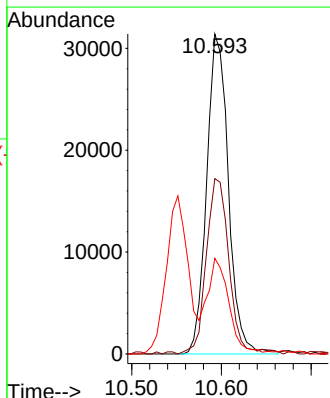
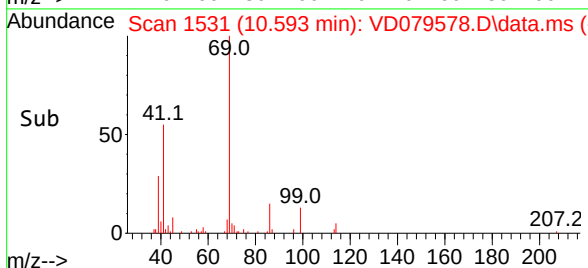
Tgt Ion: 97	Resp: 42921
Ion Ratio	Lower Upper
97 100	
83 89.4	65.8 98.8
85 56.7	43.8 65.8
99 59.6	55.4 83.0

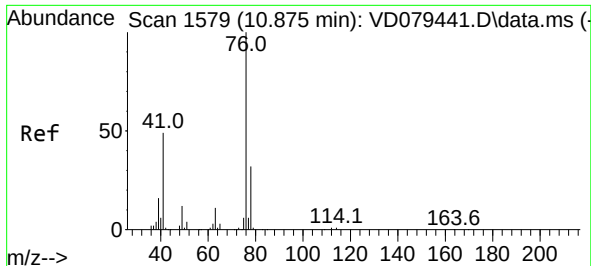


#56
 Ethyl methacrylate
 Concen: 20.591 ug/l
 RT: 10.593 min Scan# 1531
 Delta R.T. -0.006 min
 Lab File: VD079578.D
 Acq: 05 Aug 2024 14:05



Tgt Ion: 69	Resp: 52910
Ion Ratio	Lower Upper
69 100	
41 57.4	39.8 59.6
39 30.1	20.2 30.4





#57

1,3-Dichloropropane

Concen: 19.649 ug/l

RT: 10.875 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

Instrument :

MSVOA_D

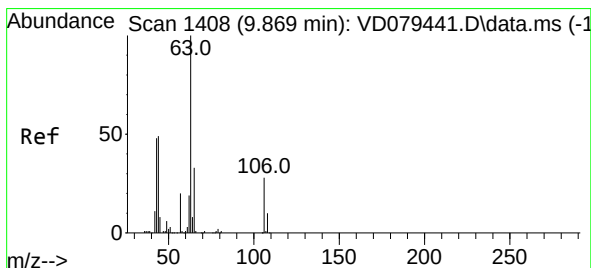
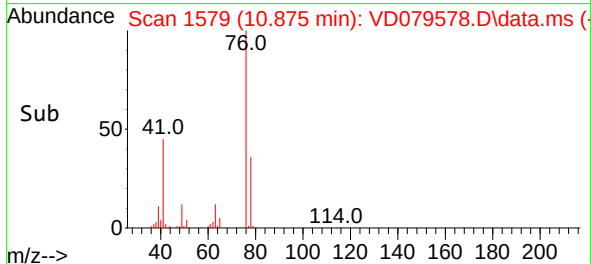
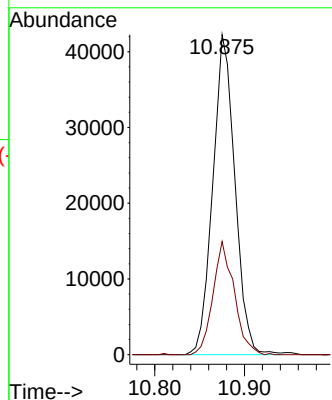
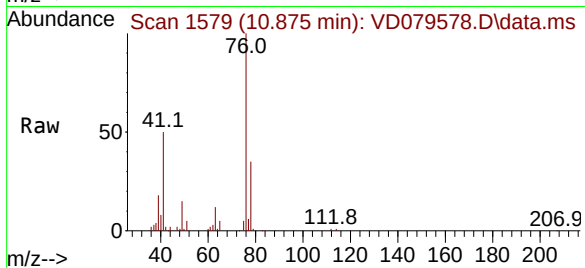
ClientSampleId :

Tgt Ion: 76 Resp: 72409

Ion Ratio Lower Upper

76 100

78 34.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 97.136 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079578.D

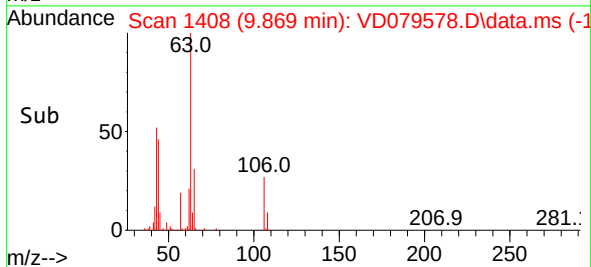
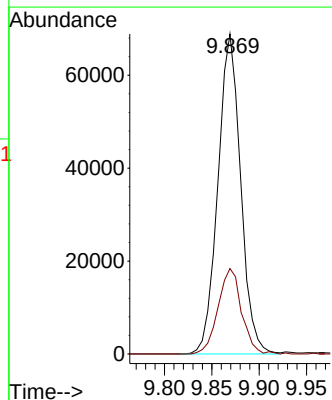
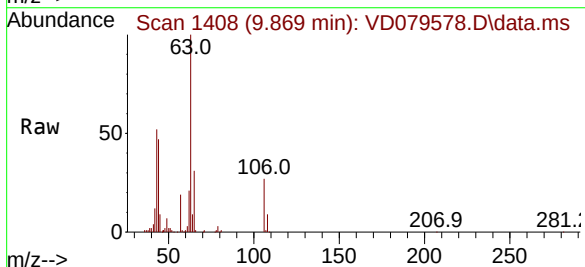
Acq: 05 Aug 2024 14:05

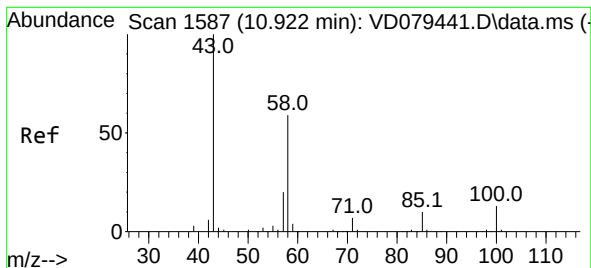
Tgt Ion: 63 Resp: 115105

Ion Ratio Lower Upper

63 100

106 27.5 26.4 39.6





#59

2-Hexanone

Concen: 106.437 ug/l

RT: 10.916 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

Instrument :

MSVOA_D

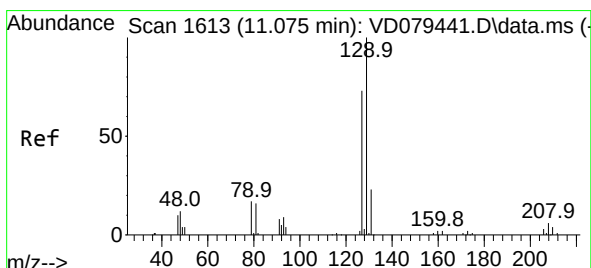
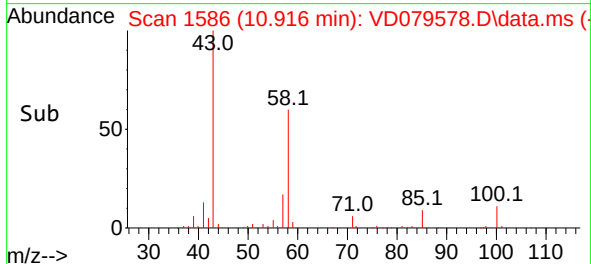
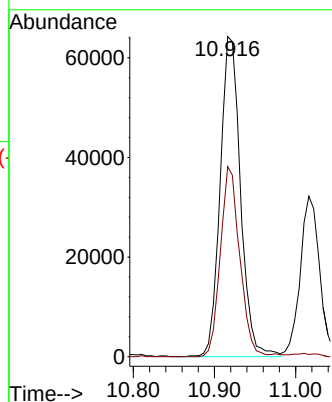
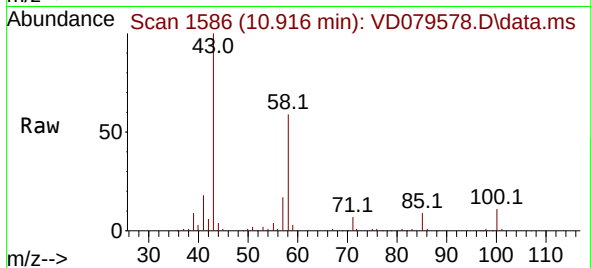
ClientSampleId :

Tgt Ion: 43 Resp: 112196

Ion Ratio Lower Upper

43 100

58 56.5 31.1 93.5



#60

Dibromochloromethane

Concen: 19.214 ug/l

RT: 11.069 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VD079578.D

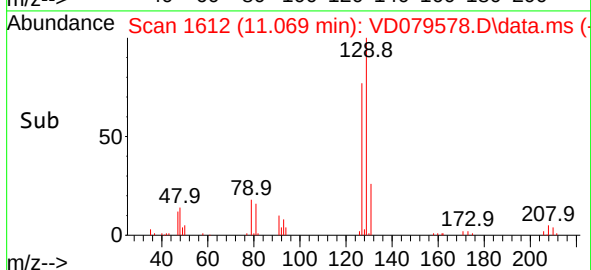
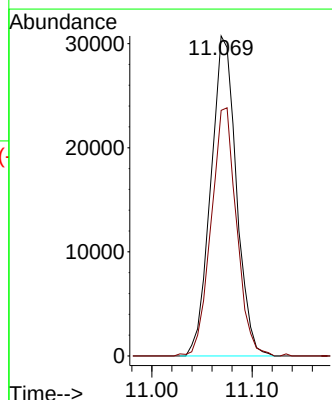
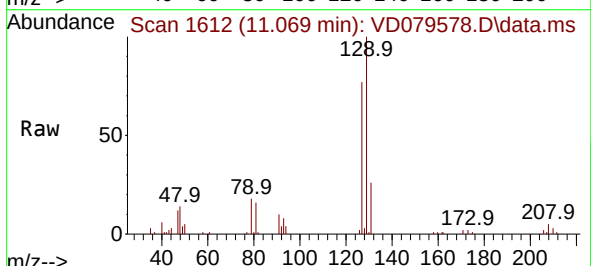
Acq: 05 Aug 2024 14:05

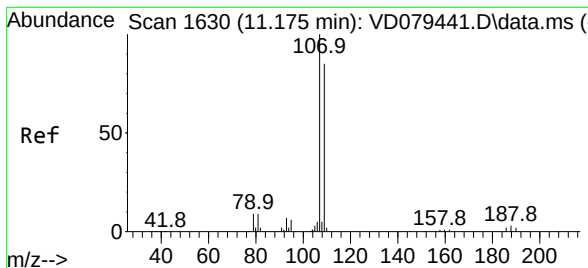
Tgt Ion:129 Resp: 54430

Ion Ratio Lower Upper

129 100

127 77.1 38.0 113.9

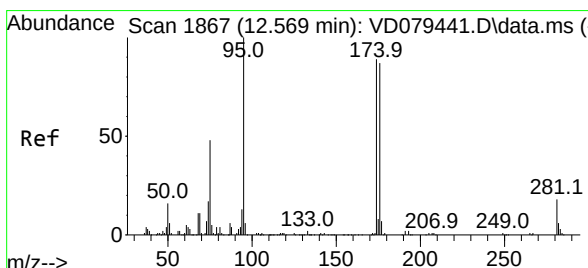
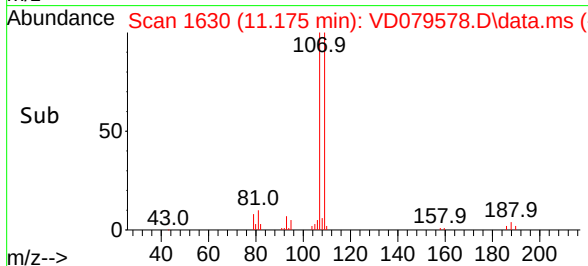
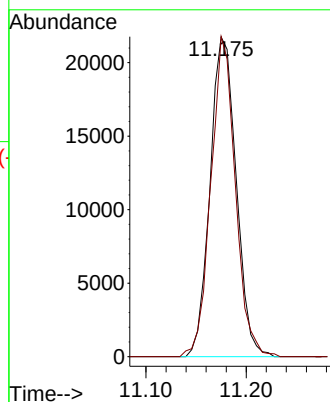
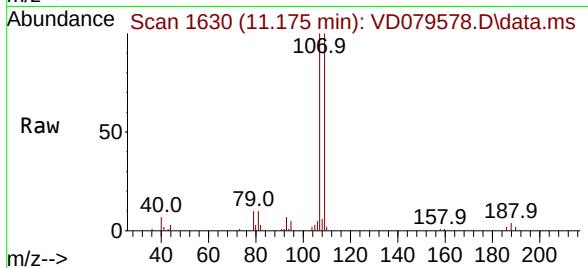




#61
1,2-Dibromoethane
Concen: 19.330 ug/l
RT: 11.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

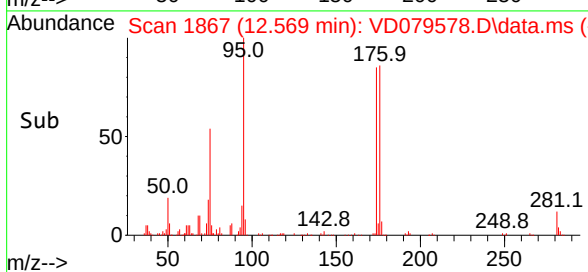
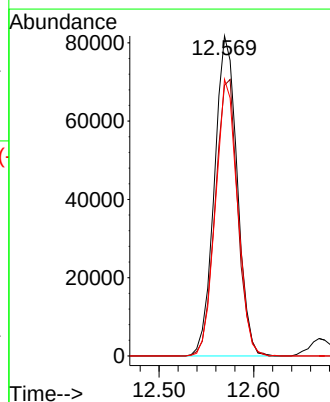
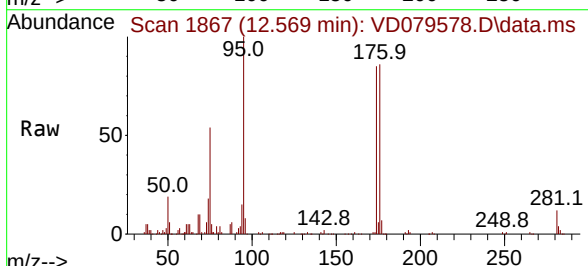
Instrument :
MSVOA_D
ClientSampleId :

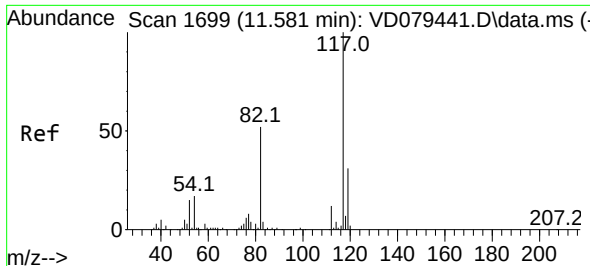
Tgt Ion:107 Resp: 39271
Ion Ratio Lower Upper
107 100
109 94.0 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 43.184 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

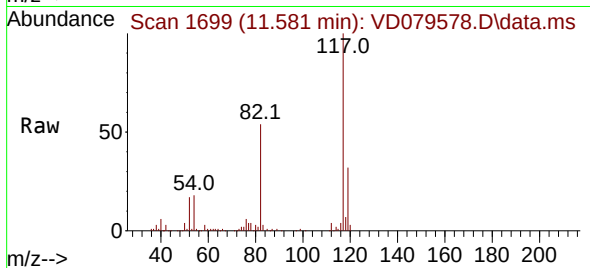
Tgt Ion: 95 Resp: 136596
Ion Ratio Lower Upper
95 100
174 85.4 0.0 195.4
176 83.7 0.0 192.6



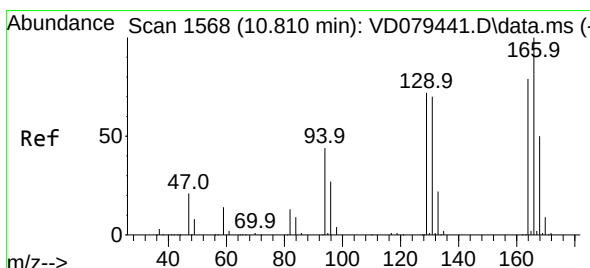
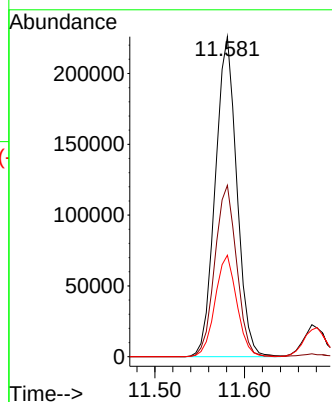
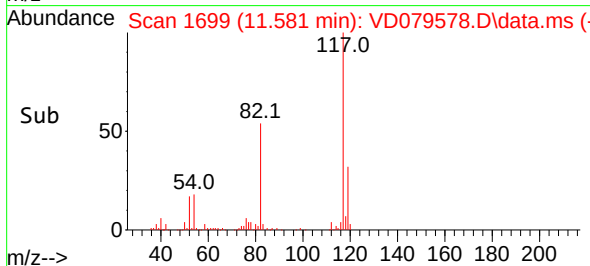


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Instrument :
MSVOA_D
ClientSampleId :

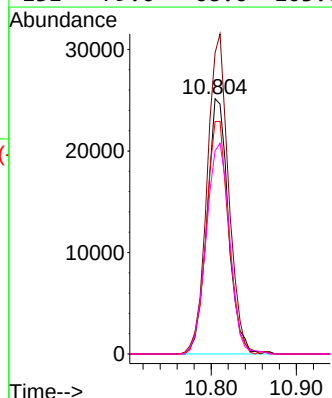
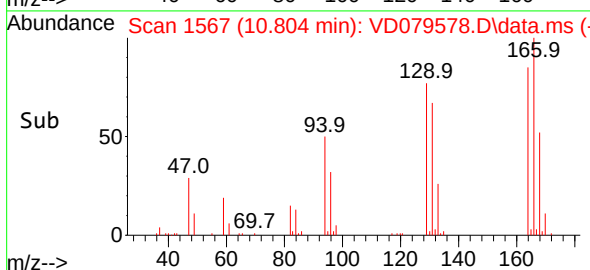
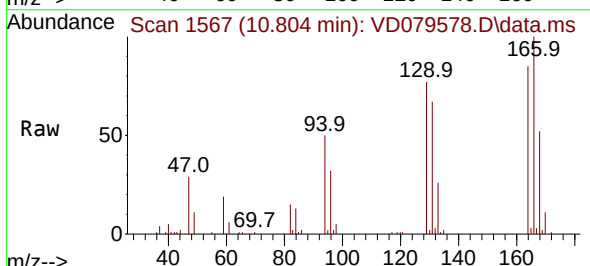


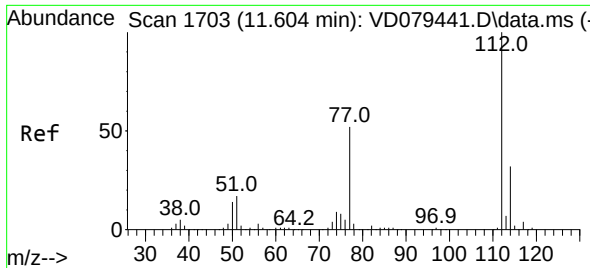
Tgt Ion:117 Resp: 376437
Ion Ratio Lower Upper
117 100
82 53.5 39.8 59.6
119 31.7 25.7 38.5



#64
Tetrachloroethene
Concen: 17.303 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

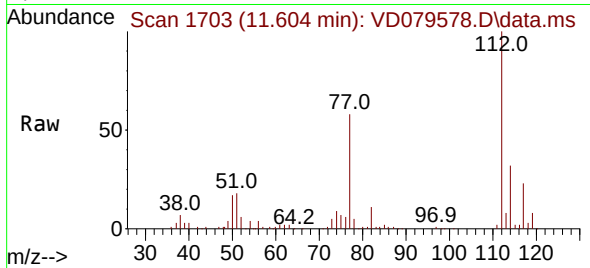
Tgt Ion:164 Resp: 43920
Ion Ratio Lower Upper
164 100
166 118.0 108.6 163.0
129 91.1 74.6 112.0
131 79.6 68.6 103.0



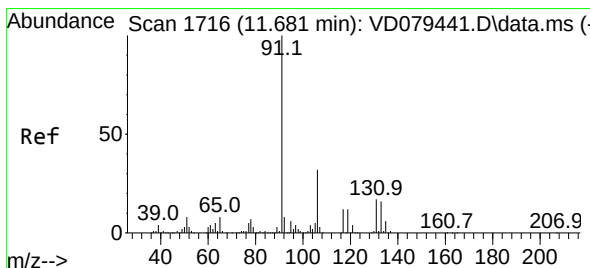
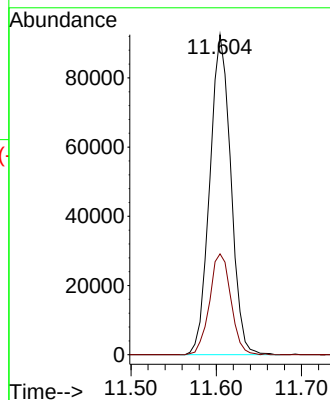
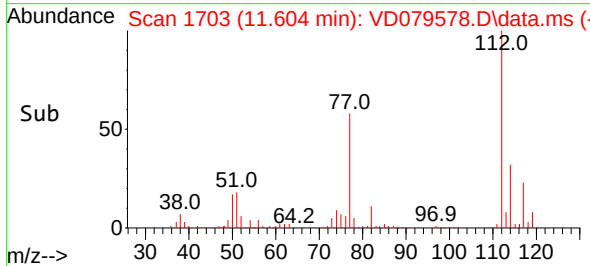


#65
Chlorobenzene
Concen: 19.027 ug/l
RT: 11.604 min Scan# 111
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Instrument :
MSVOA_D
ClientSampleId :

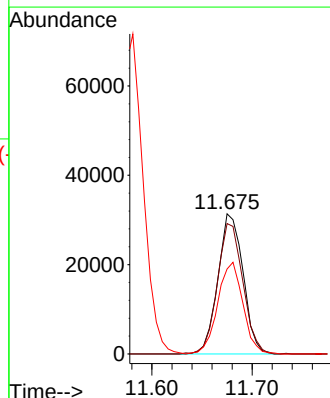
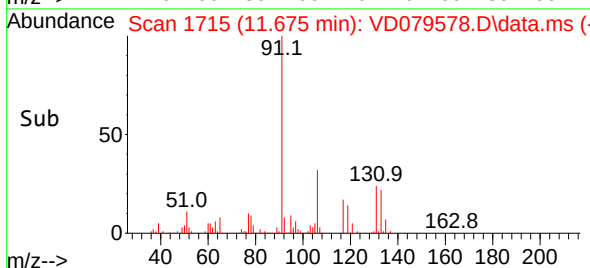
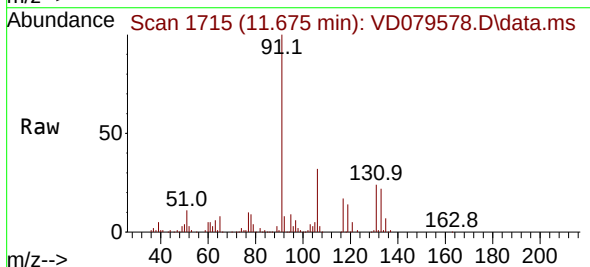


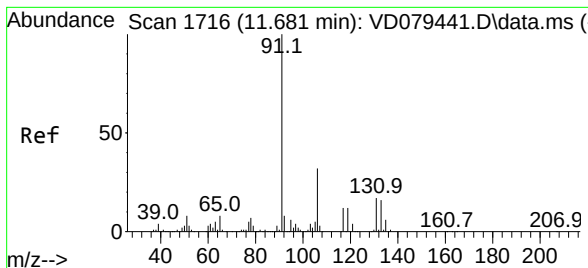
Tgt Ion:112 Resp: 158603
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.930 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Tgt Ion:131 Resp: 54658
Ion Ratio Lower Upper
131 100
133 94.4 49.2 147.6
119 65.4 33.4 100.2

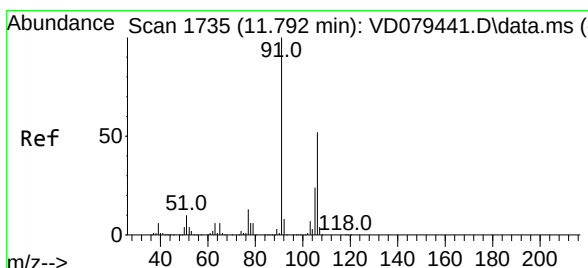
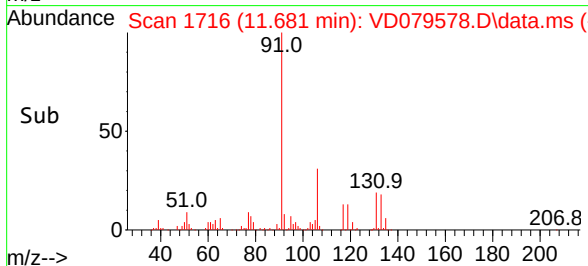
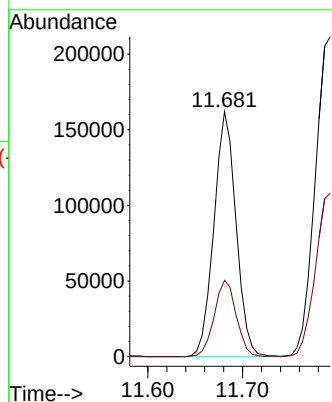
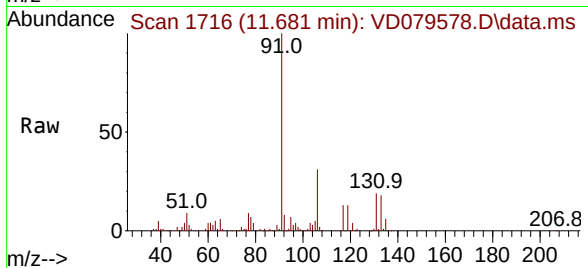




#67
Ethyl Benzene
Concen: 19.279 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

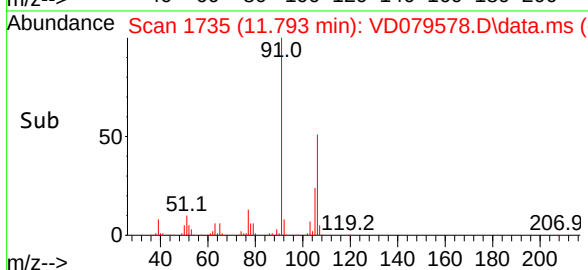
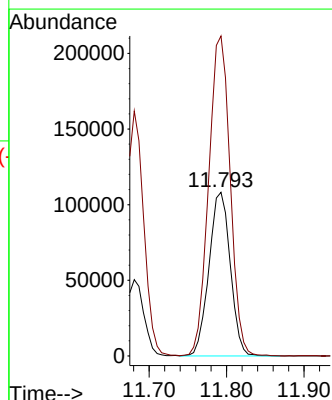
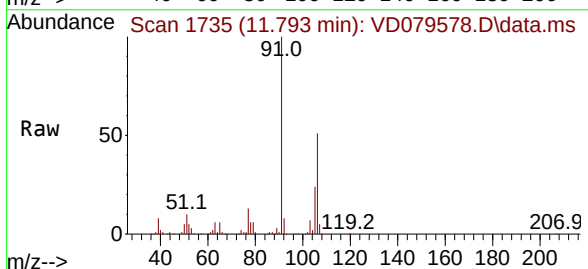
Instrument :
MSVOA_D
ClientSampleId :

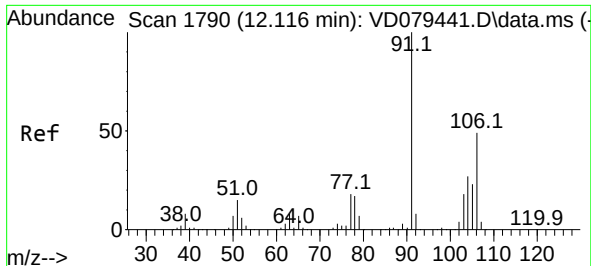
Tgt Ion: 91 Resp: 263078
Ion Ratio Lower Upper
91 100
106 31.2 25.8 38.6



#68
m/p-Xylenes
Concen: 38.184 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Tgt Ion:106 Resp: 206725
Ion Ratio Lower Upper
106 100
91 197.3 148.5 222.7

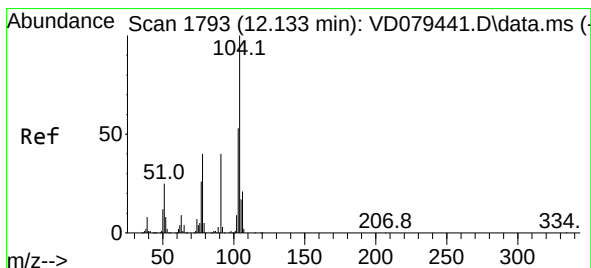
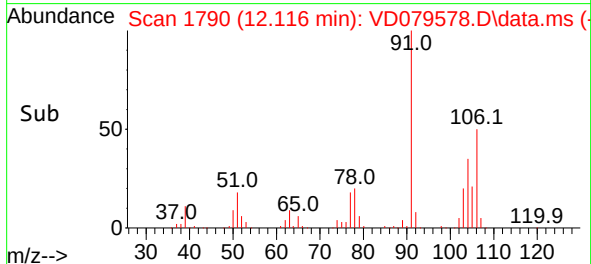
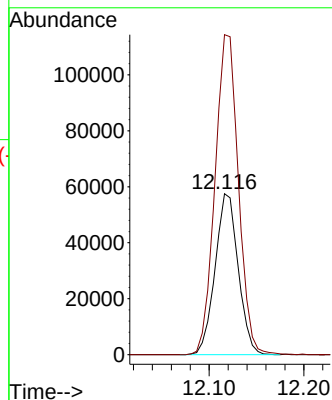
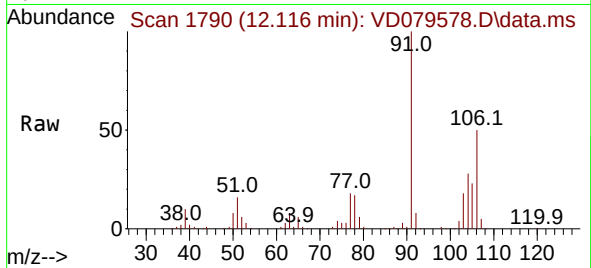




#69
o-Xylene
Concen: 19.647 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

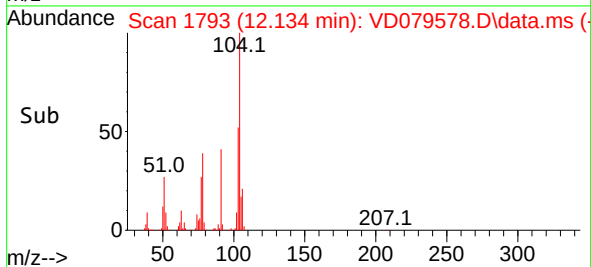
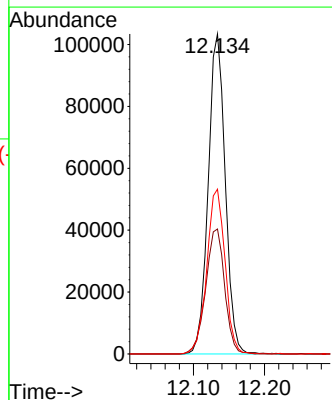
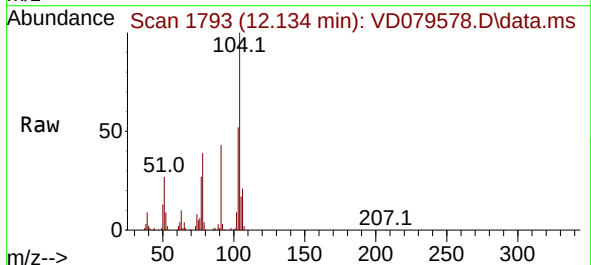
Instrument :
MSVOA_D
ClientSampleId :

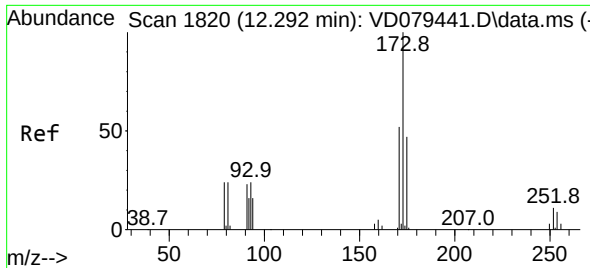
Tgt Ion:106 Resp: 97498
Ion Ratio Lower Upper
106 100
91 201.8 96.7 290.1



#70
Styrene
Concen: 19.831 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Tgt Ion:104 Resp: 172532
Ion Ratio Lower Upper
104 100
78 43.4 33.0 49.6
103 55.2 44.2 66.4

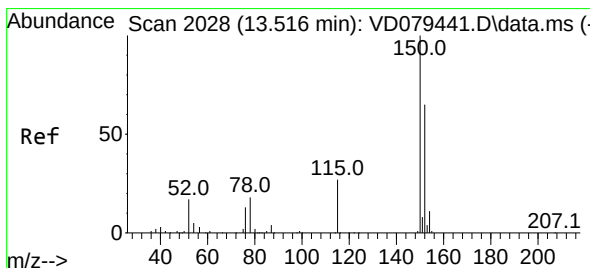
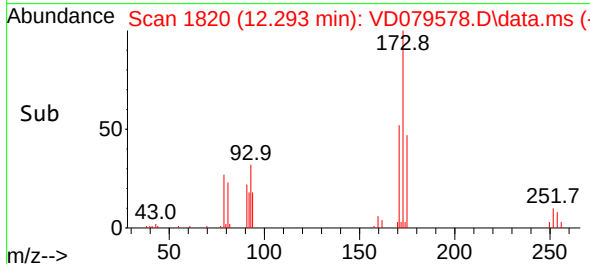
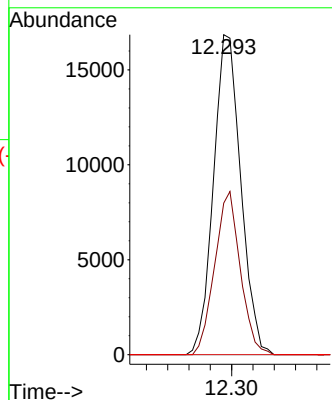
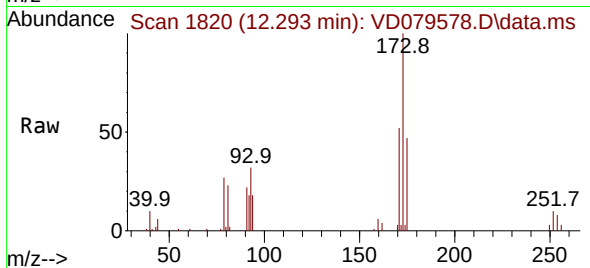




#71
Bromoform
Concen: 19.353 ug/l
RT: 12.293 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

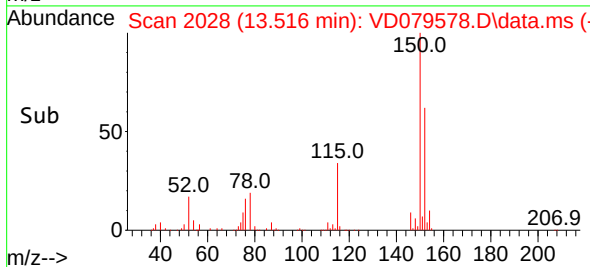
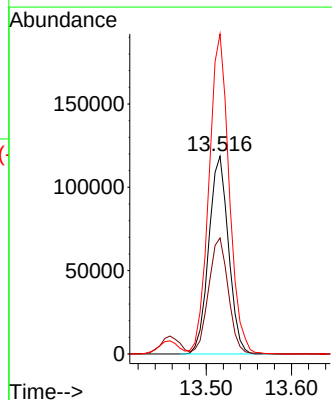
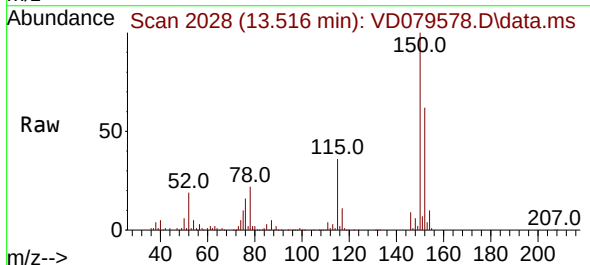
Instrument :
MSVOA_D
ClientSampleId :

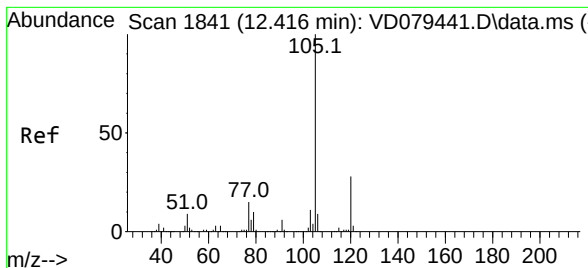
Tgt Ion:173 Resp: 30006
Ion Ratio Lower Upper
173 100
175 47.8 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Tgt Ion:152 Resp: 190836
Ion Ratio Lower Upper
152 100
115 58.5 26.5 79.5
150 165.5 0.0 341.6





#73

Isopropylbenzene

Concen: 19.316 ug/l

RT: 12.416 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

Instrument :

MSVOA_D

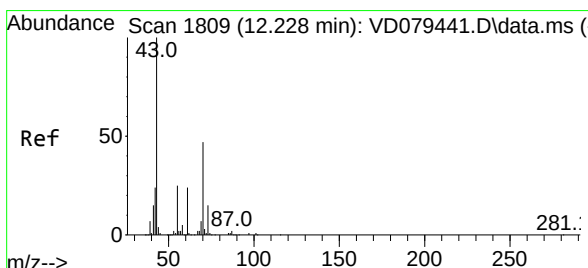
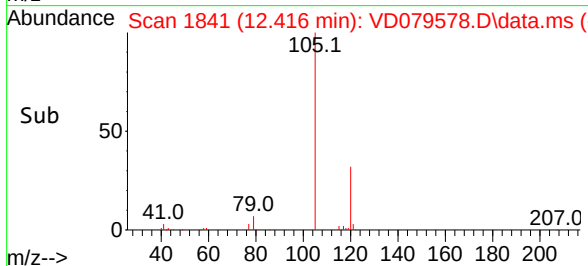
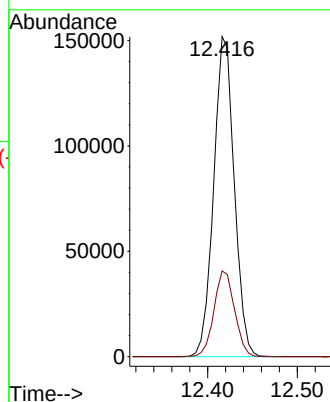
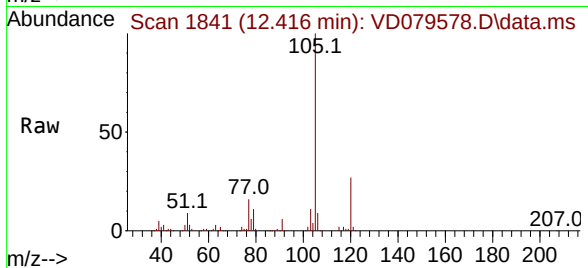
ClientSampleId :

Tgt Ion:105 Resp: 241772

Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.7



#74

N-ethyl acetate

Concen: 21.529 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

Tgt Ion: 43 Resp: 60429

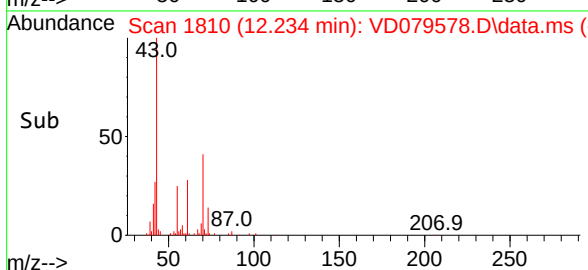
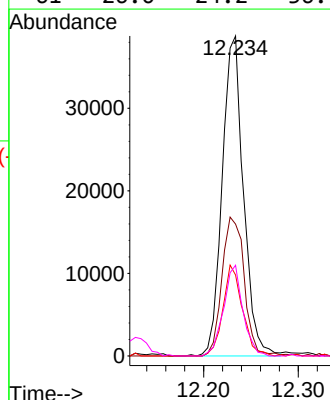
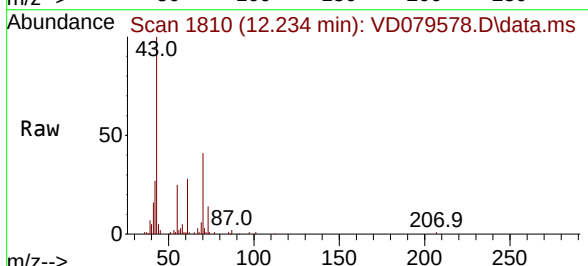
Ion Ratio Lower Upper

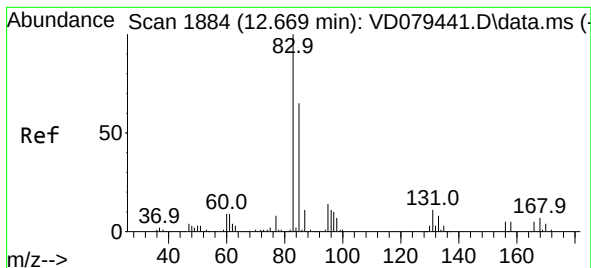
43 100

70 45.7 44.3 66.5

55 26.1 23.2 34.8

61 26.0 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.946 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

Instrument :

MSVOA_D

ClientSampleId :

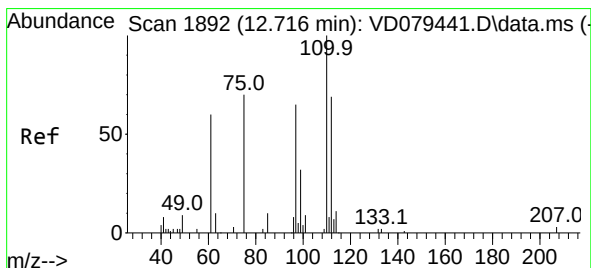
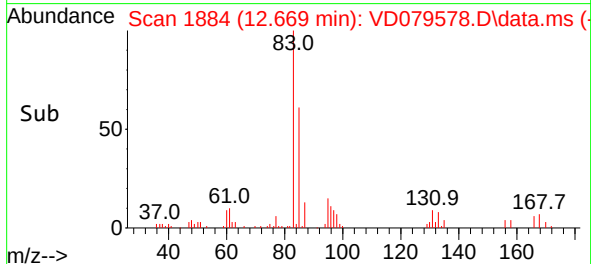
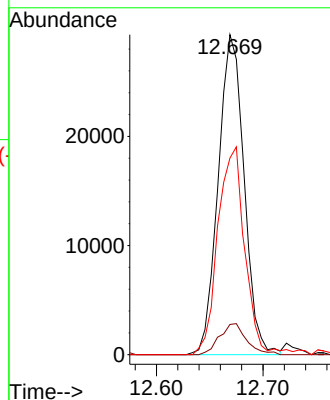
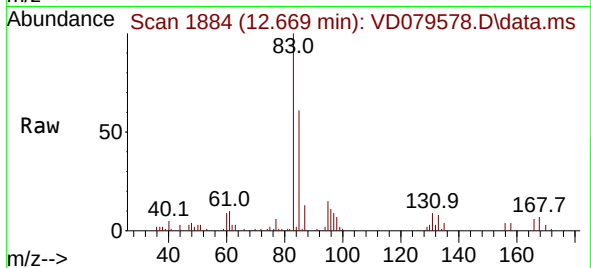
Tgt Ion: 83 Resp: 49448

Ion Ratio Lower Upper

83 100

131 10.1 5.5 16.5

85 68.1 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 36.932 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079578.D

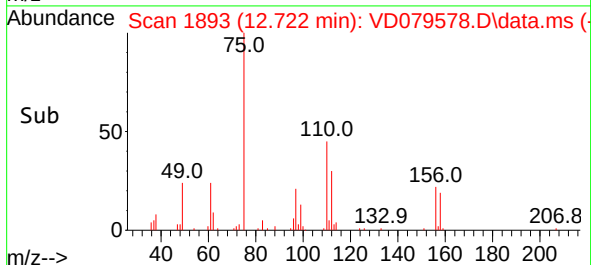
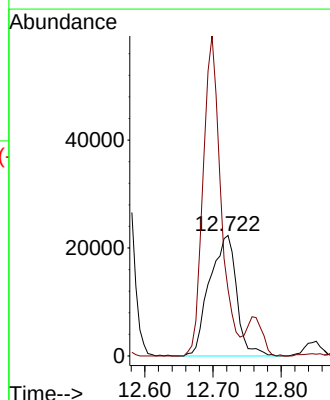
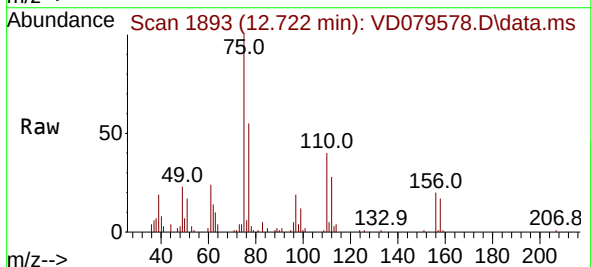
Acq: 05 Aug 2024 14:05

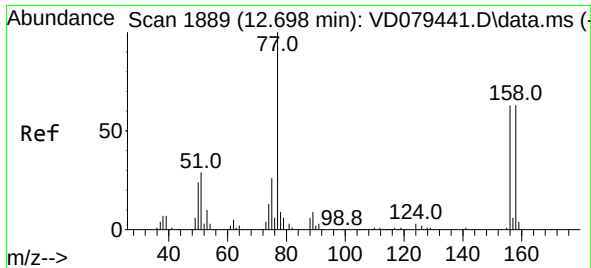
Tgt Ion: 75 Resp: 61606

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

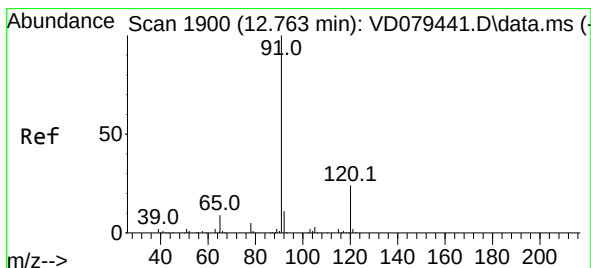
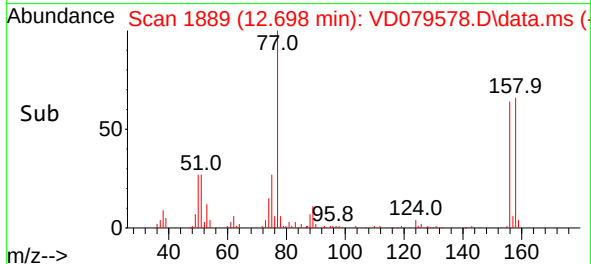
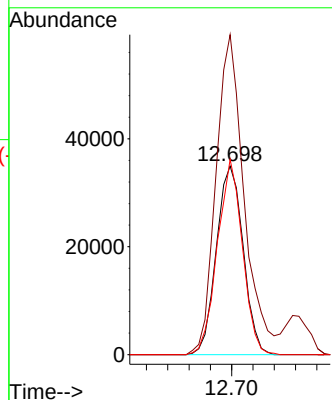
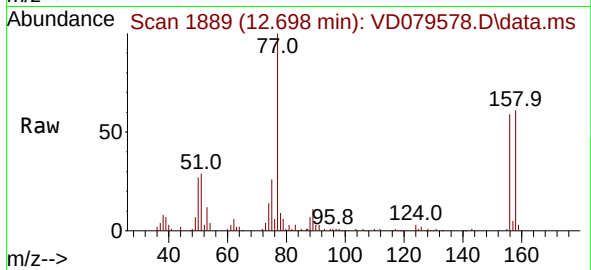




#77
Bromobenzene
Concen: 19.042 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

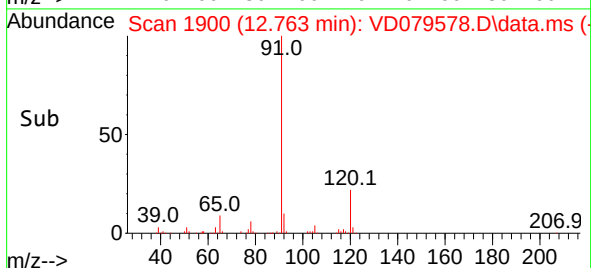
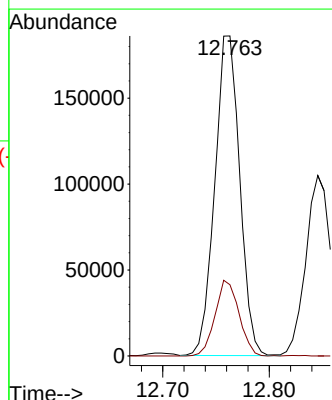
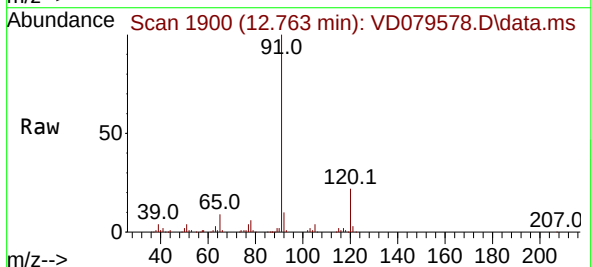
Instrument :
MSVOA_D
ClientSampleId :

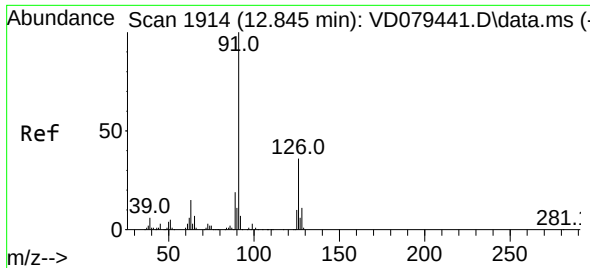
Tgt Ion:156 Resp: 60933
Ion Ratio Lower Upper
156 100
77 177.6 77.3 231.9
158 96.8 49.6 149.0



#78
n-propylbenzene
Concen: 18.946 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Tgt Ion: 91 Resp: 302228
Ion Ratio Lower Upper
91 100
120 22.7 12.3 36.8

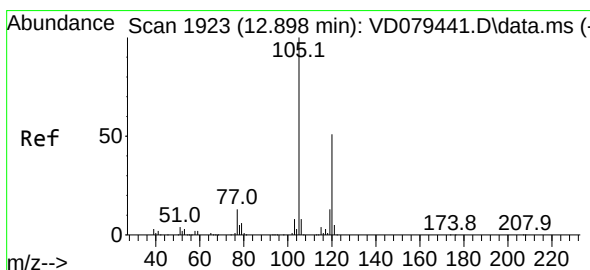
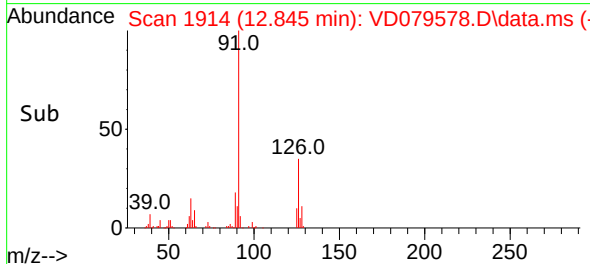
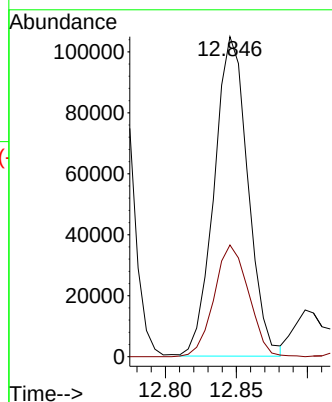
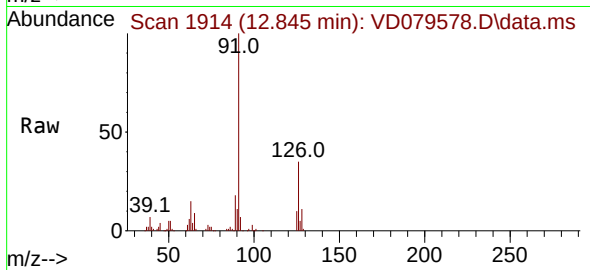




#79
2-Chlorotoluene
Concen: 19.509 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

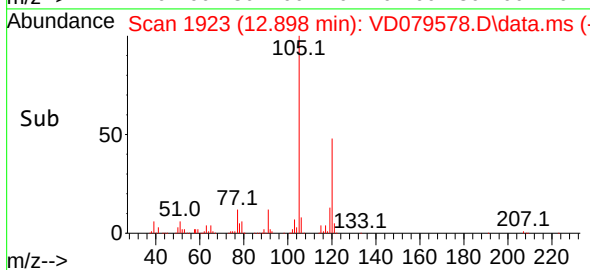
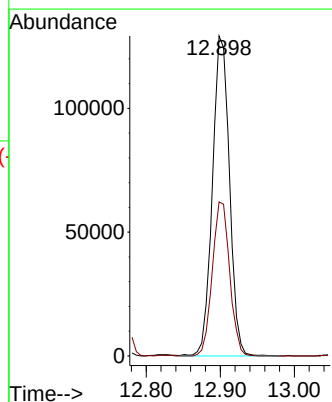
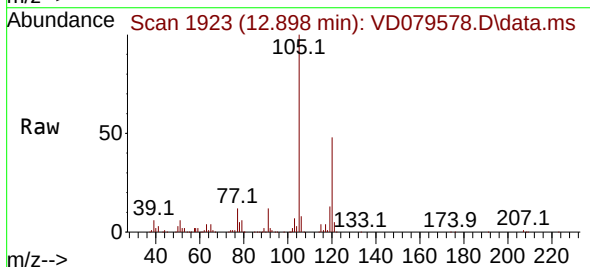
Instrument :
MSVOA_D
ClientSampleId :

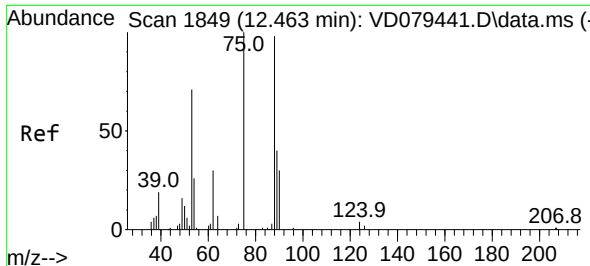
Tgt Ion: 91 Resp: 173282
Ion Ratio Lower Upper
91 100
126 35.7 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 19.403 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Tgt Ion:105 Resp: 206265
Ion Ratio Lower Upper
105 100
120 49.1 25.7 77.1

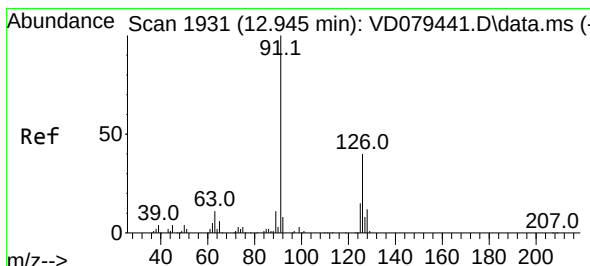
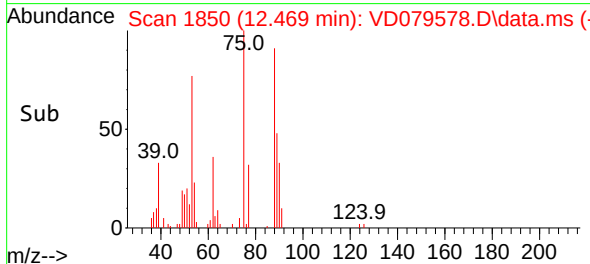
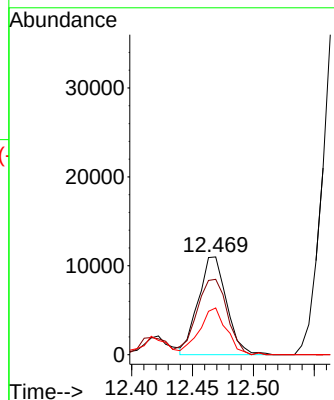
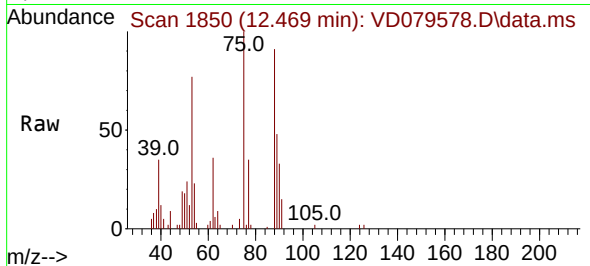




#81
trans-1,4-Dichloro-2-butene
Concen: 20.375 ug/l
RT: 12.469 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

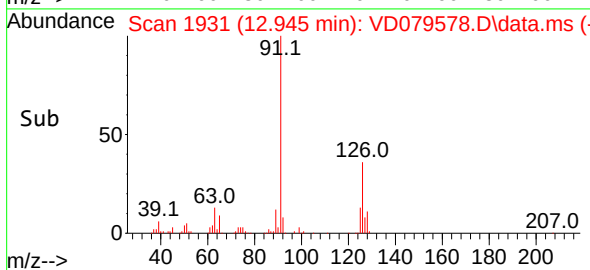
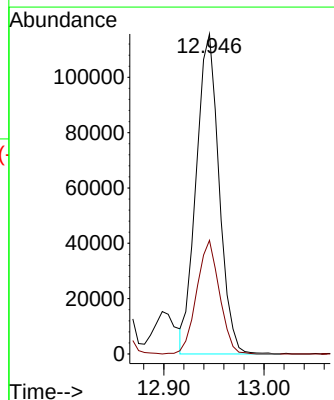
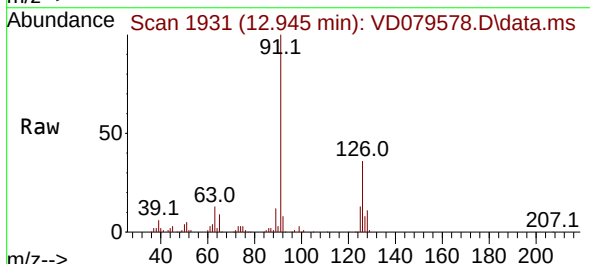
Instrument :
MSVOA_D
ClientSampleId :

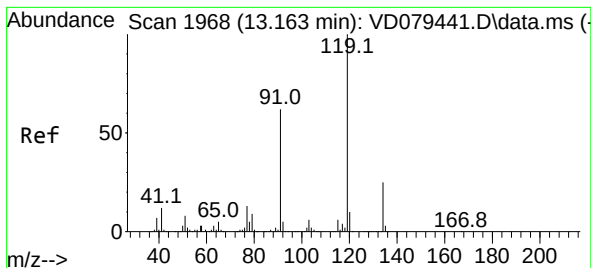
Tgt Ion: 75 Resp: 17820
Ion Ratio Lower Upper
75 100
53 83.8 61.4 92.2
89 45.7 35.4 53.0



#82
4-Chlorotoluene
Concen: 19.856 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Tgt Ion: 91 Resp: 183860
Ion Ratio Lower Upper
91 100
126 35.1 18.9 56.9





#83

tert-Butylbenzene

Concen: 19.423 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

Instrument :

MSVOA_D

ClientSampleId :

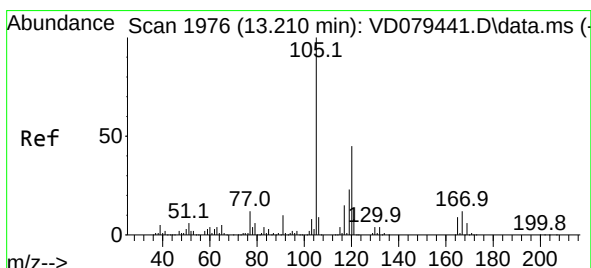
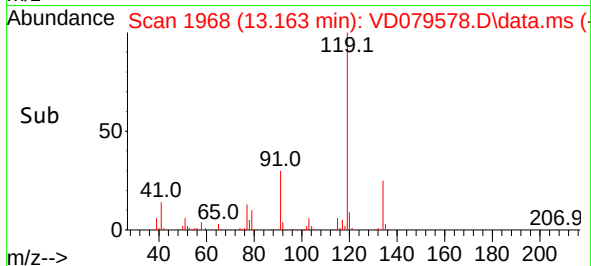
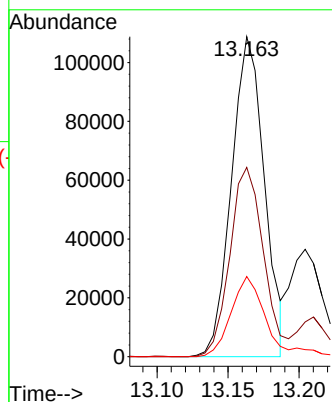
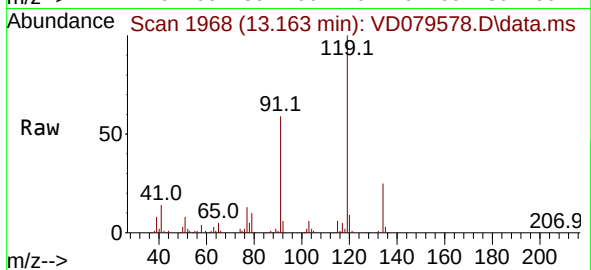
Tgt Ion:119 Resp: 175373

Ion Ratio Lower Upper

119 100

91 60.9 28.2 84.7

134 26.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.671 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD079578.D

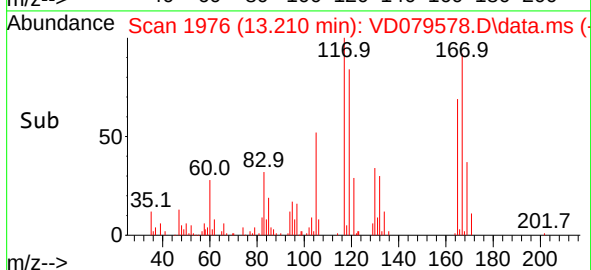
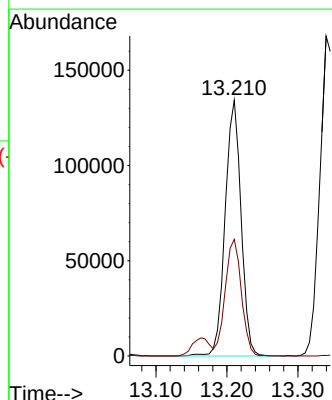
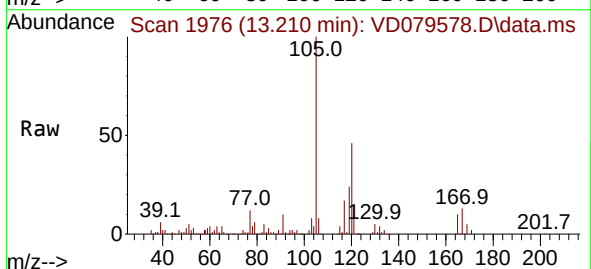
Acq: 05 Aug 2024 14:05

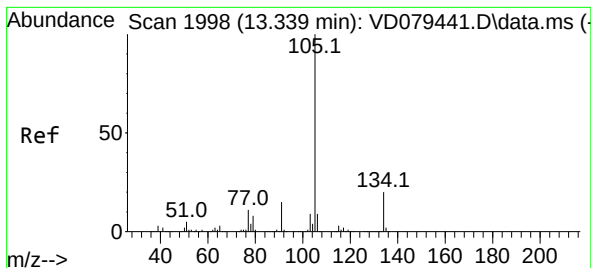
Tgt Ion:105 Resp: 208560

Ion Ratio Lower Upper

105 100

120 46.4 23.6 71.0





#85

sec-Butylbenzene

Concen: 18.617 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

Instrument :

MSVOA_D

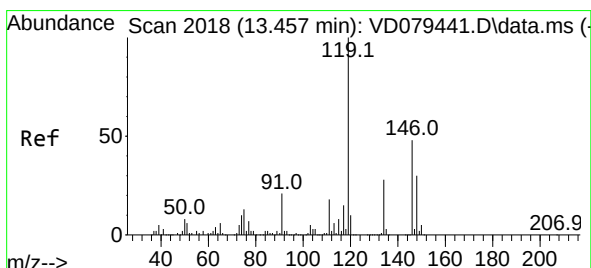
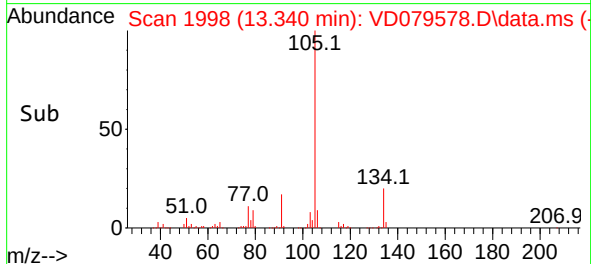
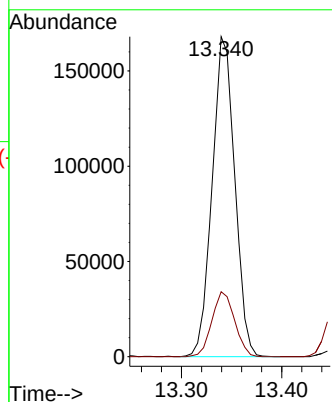
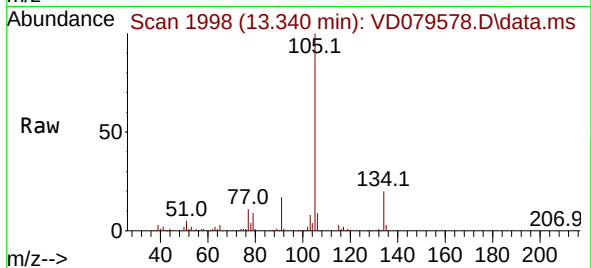
ClientSampleId :

Tgt Ion:105 Resp: 263237

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.8



#86

p-Isopropyltoluene

Concen: 19.242 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

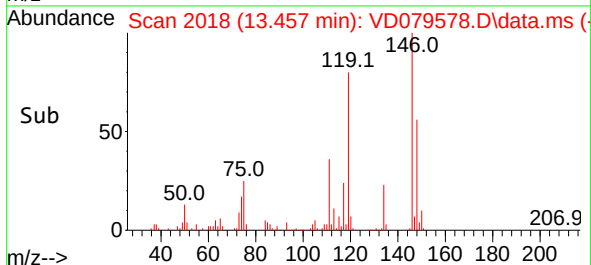
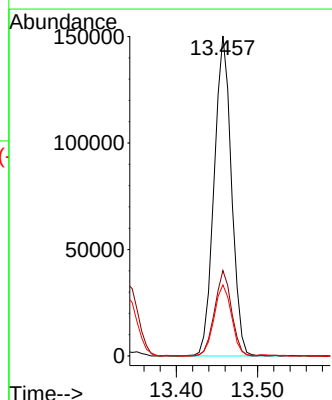
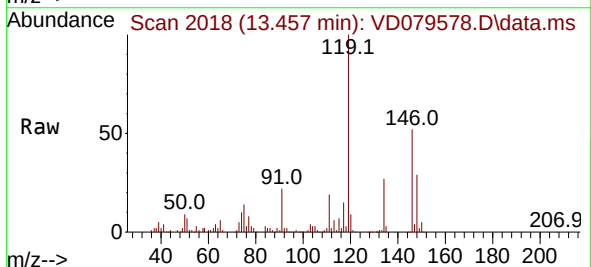
Tgt Ion:119 Resp: 222783

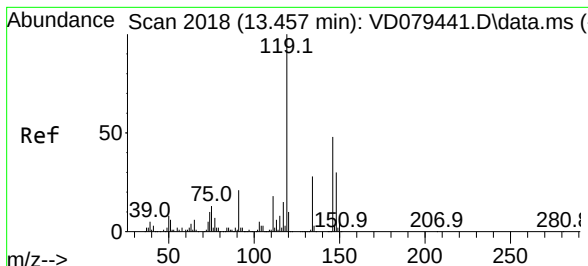
Ion Ratio Lower Upper

119 100

134 25.9 13.7 41.1

91 22.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.627 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

Instrument :

MSVOA_D

ClientSampleId :

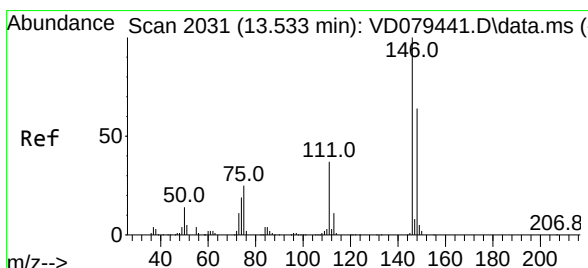
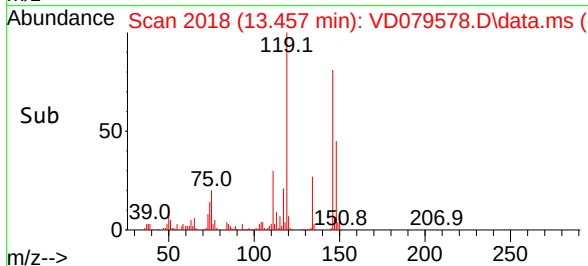
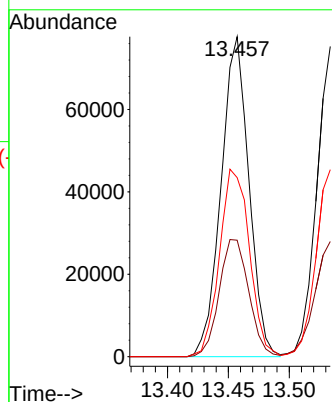
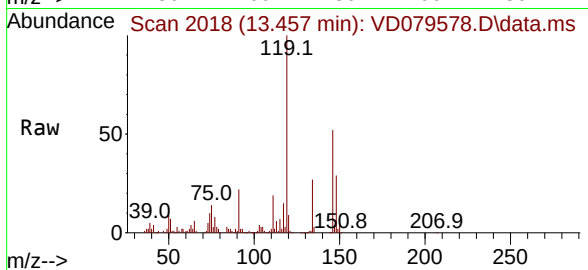
Tgt Ion:146 Resp: 123466

Ion Ratio Lower Upper

146 100

111 39.0 18.5 55.5

148 63.1 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 19.020 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

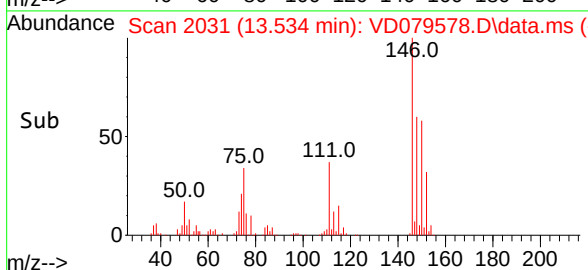
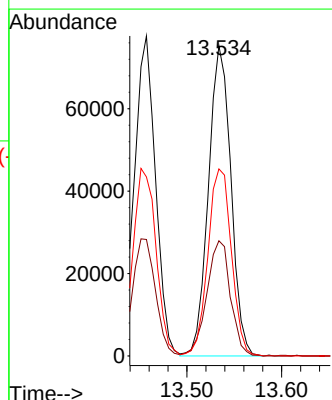
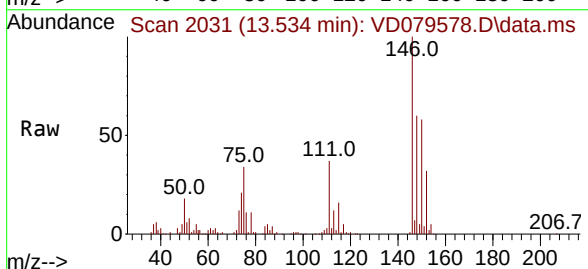
Tgt Ion:146 Resp: 123948

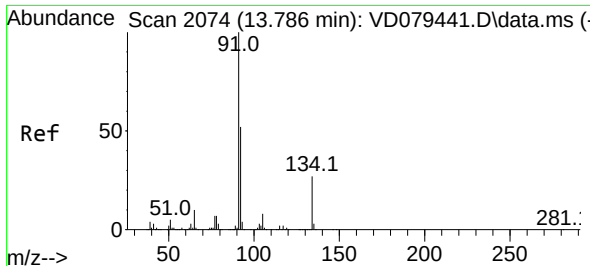
Ion Ratio Lower Upper

146 100

111 39.1 17.5 52.6

148 63.2 31.4 94.2

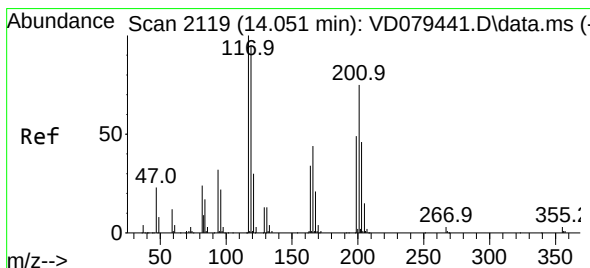
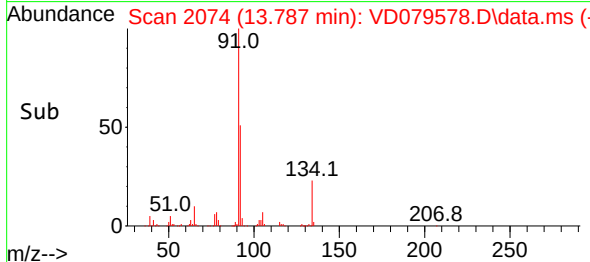
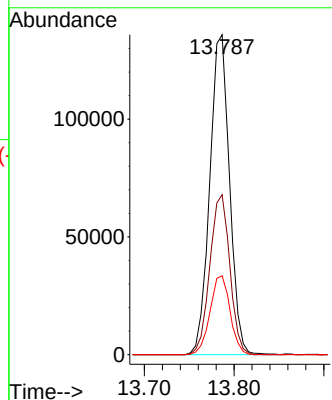
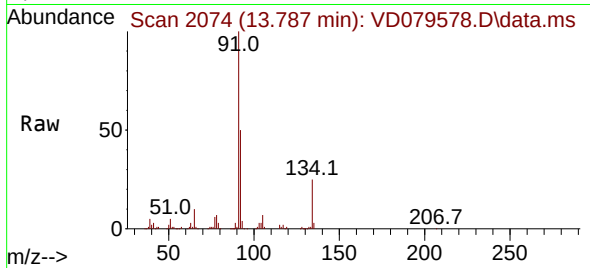




#89
n-Butylbenzene
Concen: 19.334 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

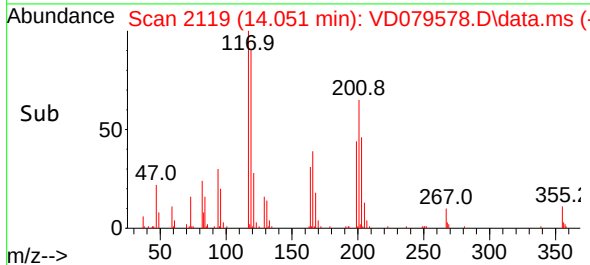
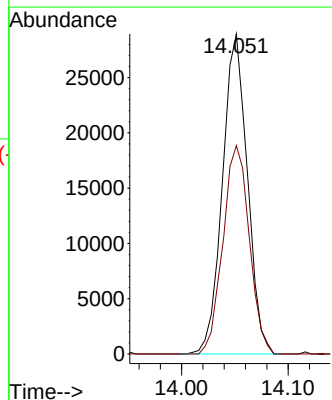
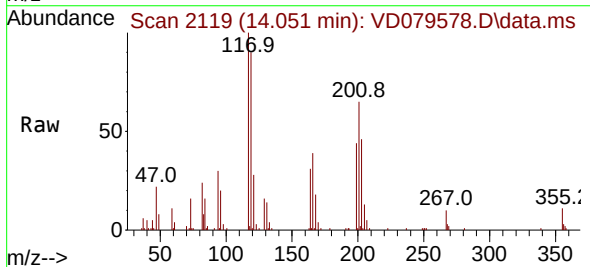
Instrument :
MSVOA_D
ClientSampleId :

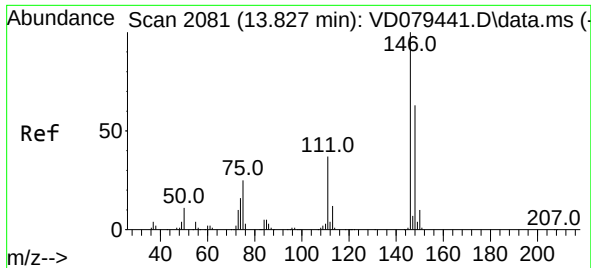
Tgt Ion: 91 Resp: 207866
Ion Ratio Lower Upper
91 100
92 50.6 25.7 77.0
134 25.0 13.6 40.8



#90
Hexachloroethane
Concen: 18.957 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD079578.D
Acq: 05 Aug 2024 14:05

Tgt Ion: 117 Resp: 46883
Ion Ratio Lower Upper
117 100
201 69.0 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 19.094 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

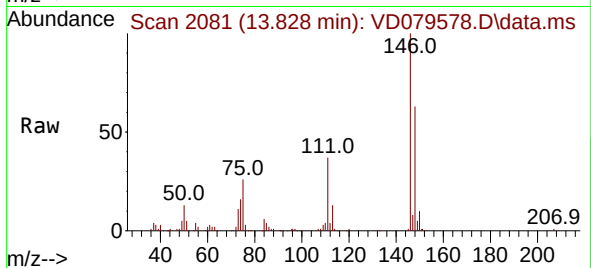
Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

Instrument :

MSVOA_D

ClientSampleId :



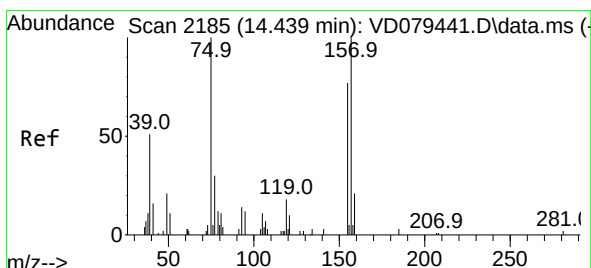
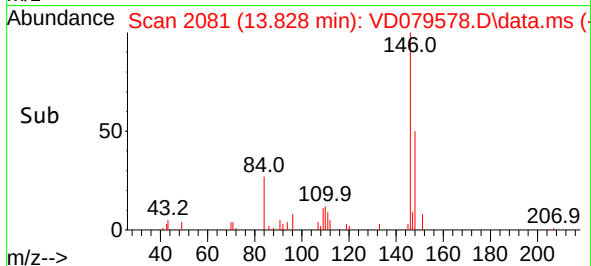
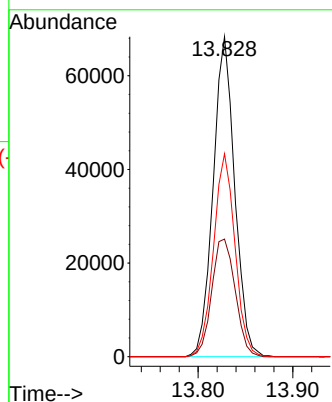
Tgt Ion:146 Resp: 108167

Ion Ratio Lower Upper

146 100

111 39.9 19.1 57.1

148 63.1 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.863 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

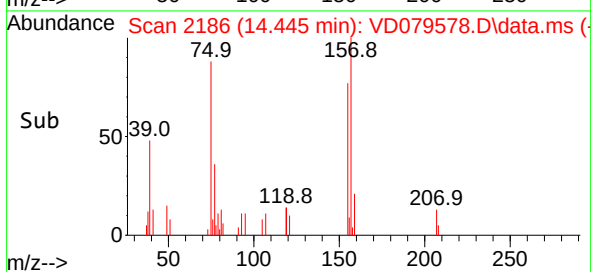
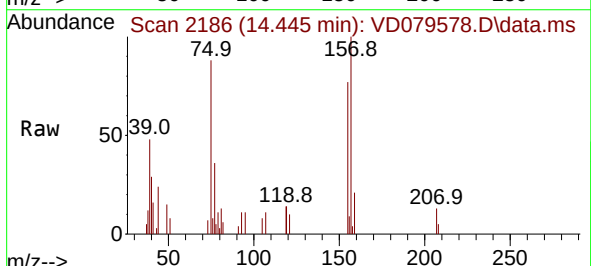
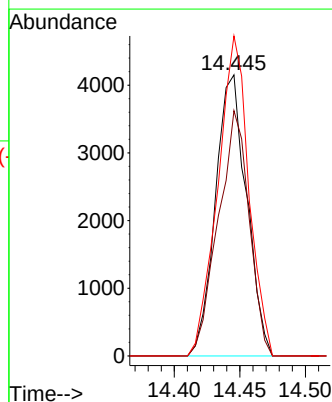
Tgt Ion: 75 Resp: 6882

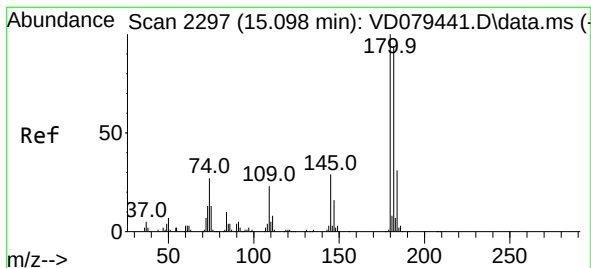
Ion Ratio Lower Upper

75 100

155 86.0 47.7 143.1

157 112.9 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 17.854 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

Instrument :

MSVOA_D

ClientSampleId :

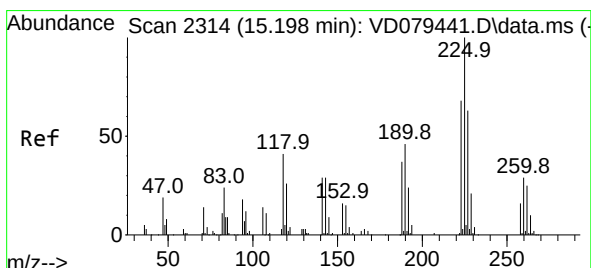
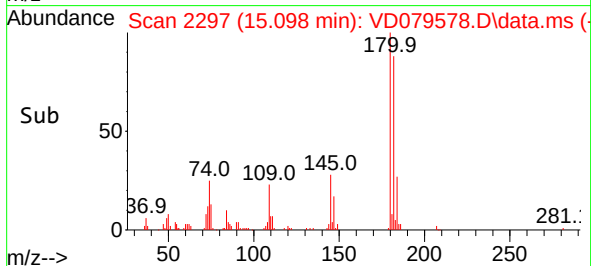
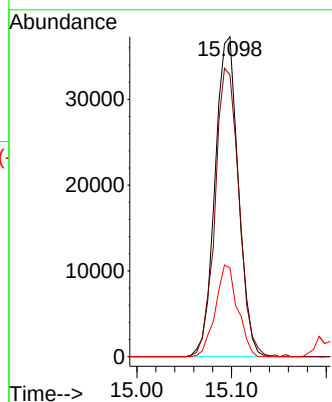
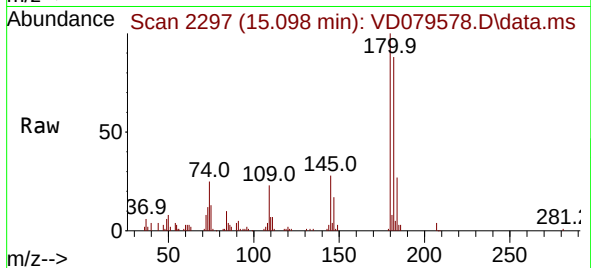
Tgt Ion:180 Resp: 63725

Ion Ratio Lower Upper

180 100

182 92.5 46.9 140.7

145 27.4 14.0 41.9



#94

Hexachlorobutadiene

Concen: 16.386 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. 0.000 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

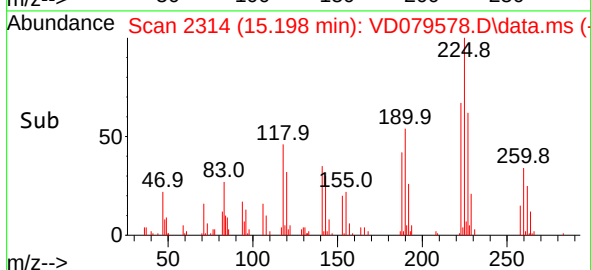
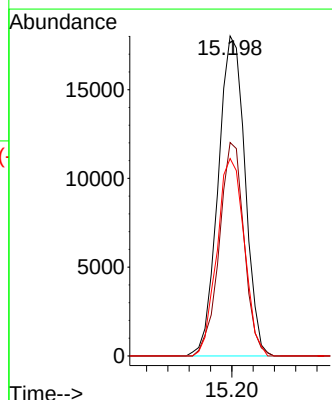
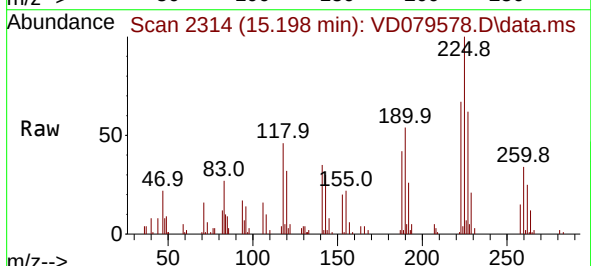
Tgt Ion:225 Resp: 31565

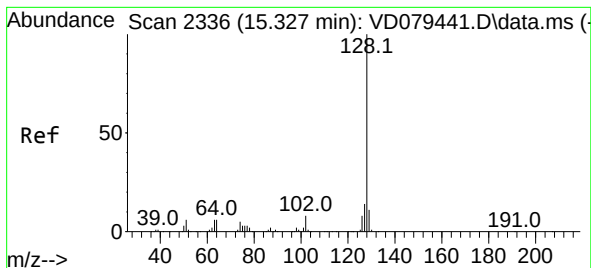
Ion Ratio Lower Upper

225 100

223 61.5 33.3 99.9

227 62.4 33.6 100.6





#95

Naphthalene

Concen: 19.575 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

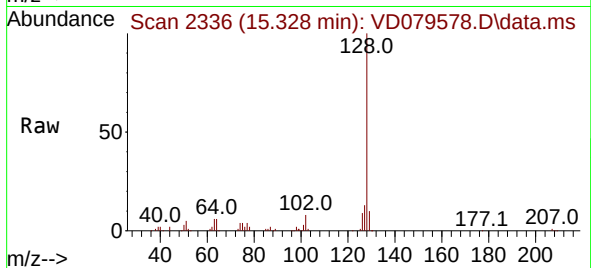
Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

Instrument :

MSVOA_D

ClientSampleId :



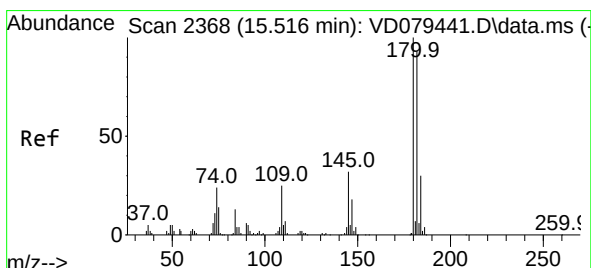
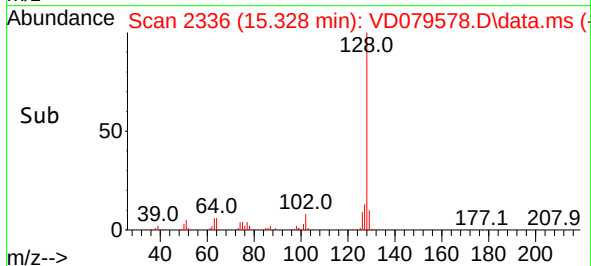
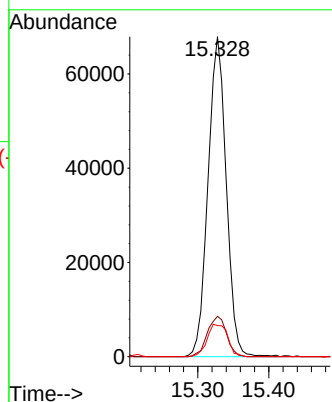
Tgt Ion:128 Resp: 120926

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 9.7 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 17.797 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD079578.D

Acq: 05 Aug 2024 14:05

Tgt Ion:180 Resp: 55877

Ion Ratio Lower Upper

180 100

182 95.9 47.8 143.3

145 32.5 16.1 48.2

