

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
 Data File : VD078146.D
 Acq On : 11 Jan 2024 11:33
 Operator : RP/MD
 Sample : VD0111SBSD01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0111SBSD01

Quant Time: Jan 12 00:35:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	96355	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	165149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	147828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	72424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	49236	48.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.080%
35) Dibromofluoromethane	7.810	113	56759	47.688	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.380%
50) Toluene-d8	10.269	98	192037	48.110	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.220%
62) 4-Bromofluorobenzene	12.575	95	60857	43.797	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	19293	21.899	ug/l	92
3) Chloromethane	2.152	50	26243	21.419	ug/l	94
4) Vinyl Chloride	2.293	62	36730	21.318	ug/l	100
5) Bromomethane	2.693	94	27780	21.001	ug/l	93
6) Chloroethane	2.840	64	29974	23.429	ug/l	93
7) Trichlorofluoromethane	3.181	101	40192	21.229	ug/l	100
8) Diethyl Ether	3.605	74	10046	20.236	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.981	101	26509	23.556	ug/l	93
10) Methyl Iodide	4.175	142	21284	20.562	ug/l	# 87
11) Tert butyl alcohol	5.034	59	5672m	109.756	ug/l	
12) 1,1-Dichloroethene	3.946	96	20702	21.724	ug/l	85
13) Acrolein	3.805	56	9850	115.361	ug/l	100
14) Allyl chloride	4.569	41	27241	21.399	ug/l	87
15) Acrylonitrile	5.257	53	24709	106.382	ug/l	98
16) Acetone	4.016	43	31949	123.642	ug/l	93
17) Carbon Disulfide	4.281	76	44100	20.764	ug/l	98
18) Methyl Acetate	4.569	43	17734	19.422	ug/l	90
19) Methyl tert-butyl Ether	5.328	73	50492	21.993	ug/l	93
20) Methylene Chloride	4.810	84	30364	20.678	ug/l	# 88
21) trans-1,2-Dichloroethene	5.316	96	23182	21.376	ug/l	89
22) Diisopropyl ether	6.222	45	66529	22.225	ug/l	# 92
23) Vinyl Acetate	6.163	43	153237	113.957	ug/l	94
24) 1,1-Dichloroethane	6.116	63	45509	21.790	ug/l	94
25) 2-Butanone	7.087	43	35279	112.583	ug/l	# 75
26) 2,2-Dichloropropane	7.081	77	41177	22.041	ug/l	89
27) cis-1,2-Dichloroethene	7.087	96	29225	21.918	ug/l	92
28) Bromochloromethane	7.428	49	15353	20.275	ug/l	81
29) Tetrahydrofuran	7.451	42	16645	101.249	ug/l	87
30) Chloroform	7.599	83	50145	22.151	ug/l	100
31) Cyclohexane	7.881	56	30633	19.958	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	41010	20.944	ug/l	95
36) 1,1-Dichloropropene	8.016	75	32989	20.527	ug/l	96
37) Ethyl Acetate	7.169	43	12765	20.182	ug/l	# 95
38) Carbon Tetrachloride	7.993	117	36745	19.853	ug/l	97
39) Methylcyclohexane	9.275	83	36073	20.396	ug/l	96
40) Benzene	8.257	78	97572	20.341	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	6595	17.763	ug/l #	84
42) 1,2-Dichloroethane	8.328	62	28016	20.753	ug/l	94
43) Isopropyl Acetate	8.357	43	23549	19.313	ug/l #	77
44) Trichloroethene	9.028	130	27114	20.904	ug/l	93
45) 1,2-Dichloropropane	9.304	63	26415	21.351	ug/l	98
46) Dibromomethane	9.393	93	14782	21.597	ug/l	86
47) Bromodichloromethane	9.587	83	38546	21.183	ug/l	96
48) Methyl methacrylate	9.381	41	14308	21.234	ug/l #	74
49) 1,4-Dioxane	9.387	88	2655	443.744	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	65105	103.058	ug/l	87
52) Toluene	10.334	92	65113	21.493	ug/l	93
53) t-1,3-Dichloropropene	10.557	75	32917	20.382	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	38530	20.910	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	21011	21.887	ug/l	94
56) Ethyl methacrylate	10.598	69	15302	20.453	ug/l #	82
57) 1,3-Dichloropropane	10.881	76	33727	21.646	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	31880	93.323	ug/l	97
59) 2-Hexanone	10.922	43	50994	107.362	ug/l	86
60) Dibromochloromethane	11.075	129	25273	20.835	ug/l	99
61) 1,2-Dibromoethane	11.187	107	17554	19.861	ug/l	96
64) Tetrachloroethene	10.810	164	19830	19.812	ug/l #	91
65) Chlorobenzene	11.604	112	70253	20.655	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	26581	20.119	ug/l	96
67) Ethyl Benzene	11.687	91	122520	20.512	ug/l	98
68) m/p-Xylenes	11.792	106	93580	40.645	ug/l	89
69) o-Xylene	12.122	106	43336	20.326	ug/l	91
70) Styrene	12.139	104	66463	20.506	ug/l	94
71) Bromoform	12.304	173	13791	20.652	ug/l #	90
73) Isopropylbenzene	12.422	105	120386	20.905	ug/l	95
74) N-amyl acetate	12.234	43	22093	20.977	ug/l	88
75) 1,1,2,2-Tetrachloroethane	12.675	83	22607	20.863	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	15885m	22.278	ug/l	
77) Bromobenzene	12.704	156	26130	19.753	ug/l	81
78) n-propylbenzene	12.763	91	146599	21.002	ug/l	94
79) 2-Chlorotoluene	12.851	91	78022	21.008	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	100520	21.033	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.475	75	7072	22.103	ug/l	89
82) 4-Chlorotoluene	12.945	91	82747	20.714	ug/l	97
83) tert-Butylbenzene	13.169	119	86186	20.598	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	100337	21.147	ug/l	95
85) sec-Butylbenzene	13.345	105	129077	21.055	ug/l	96
86) p-Isopropyltoluene	13.463	119	109908	20.248	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	54871	19.992	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	56022	20.664	ug/l	96
89) n-Butylbenzene	13.792	91	108386	21.027	ug/l	96
90) Hexachloroethane	14.057	117	23530	21.091	ug/l	87
91) 1,2-Dichlorobenzene	13.834	146	49793	21.031	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3324	22.638	ug/l	86
93) 1,2,4-Trichlorobenzene	15.104	180	29472	20.103	ug/l	97
94) Hexachlorobutadiene	15.204	225	16198	19.582	ug/l	99
95) Naphthalene	15.333	128	52741	20.293	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	25280	20.219	ug/l	98

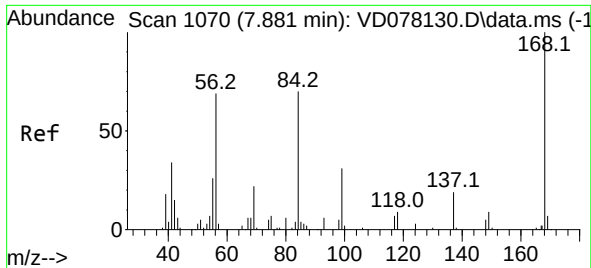
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
Data File : VD078146.D
Acq On : 11 Jan 2024 11:33
Operator : RP/MD
Sample : VD0111SBSD01
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Jan 09 01:29:14 2024
Response via : Initial Calibration

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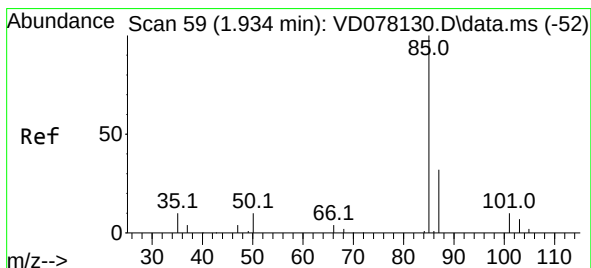
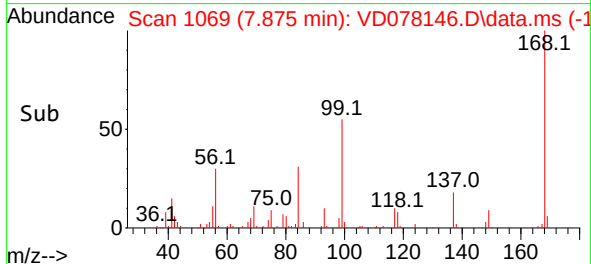
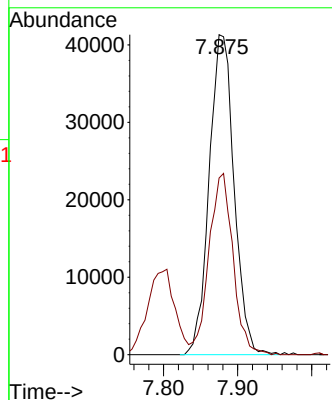
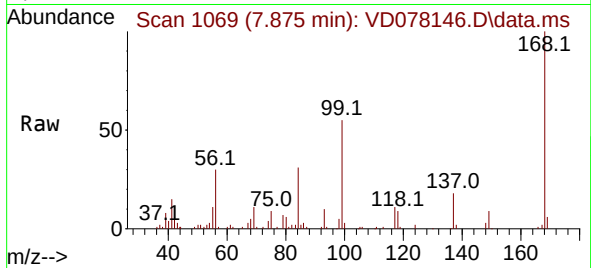
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

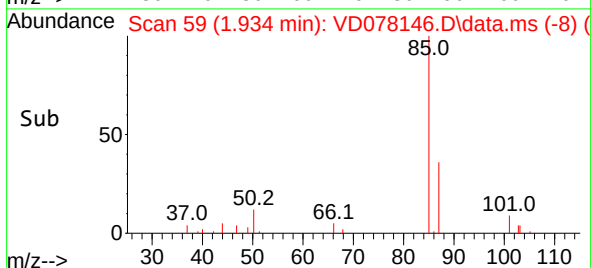
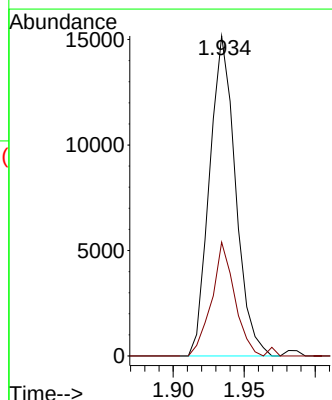
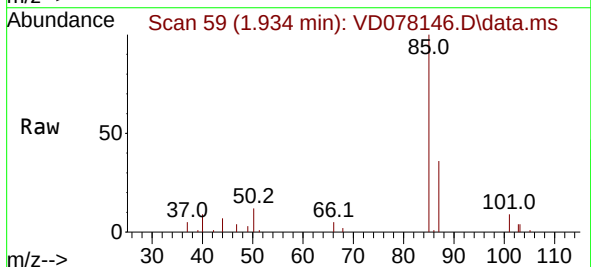
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MSVOA_D
ClientSampleId :
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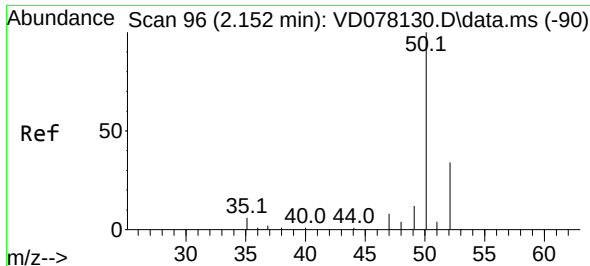
Tgt Ion:168 Resp: 96355
Ion Ratio Lower Upper
168 100
99 55.2 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 21.899 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion: 85 Resp: 19293
Ion Ratio Lower Upper
85 100
87 35.6 15.7 47.0

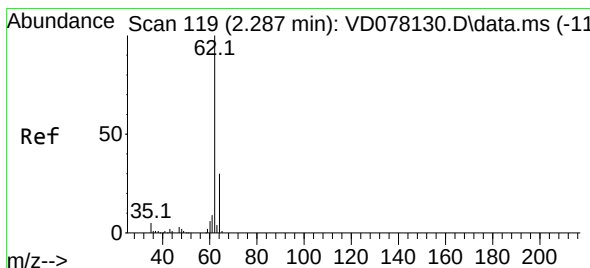
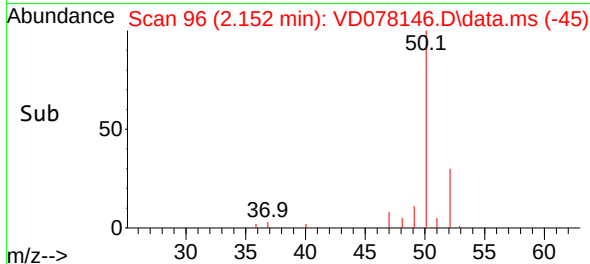
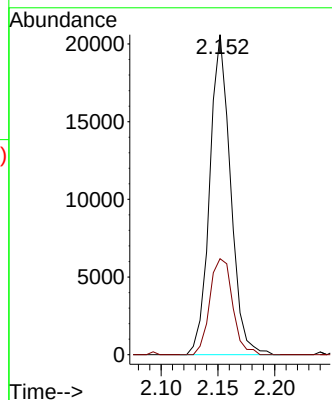
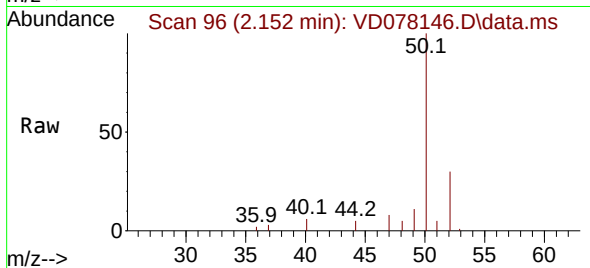




#3
Chloromethane
Concen: 21.419 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

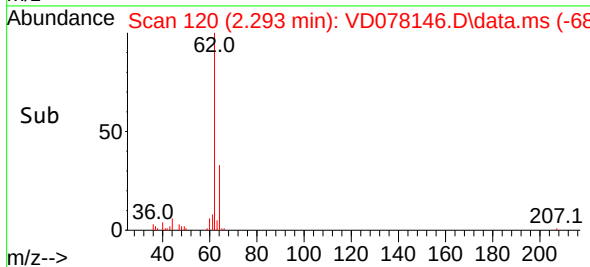
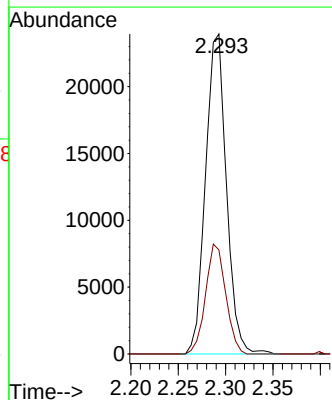
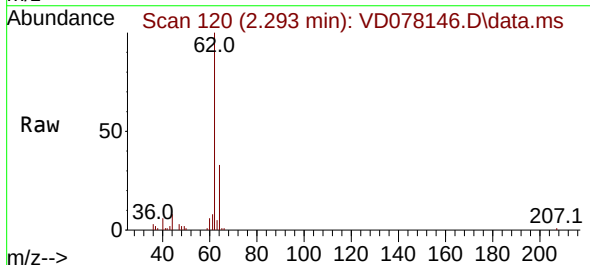
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

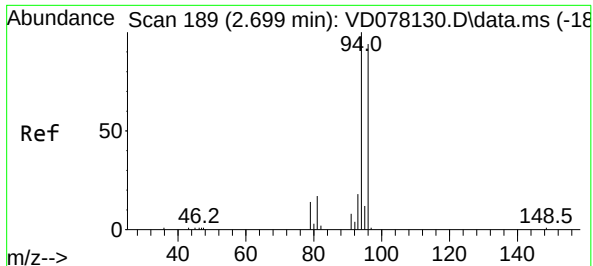
Tgt Ion: 50 Resp: 26243
Ion Ratio Lower Upper
50 100
52 30.0 26.6 40.0



#4
Vinyl Chloride
Concen: 21.318 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion: 62 Resp: 36730
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0

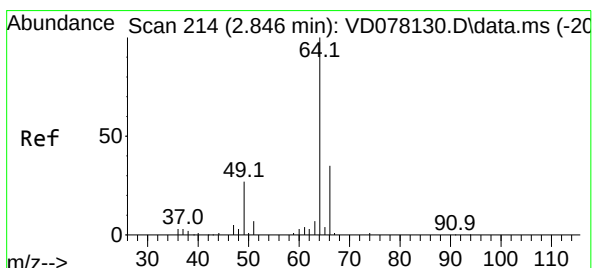
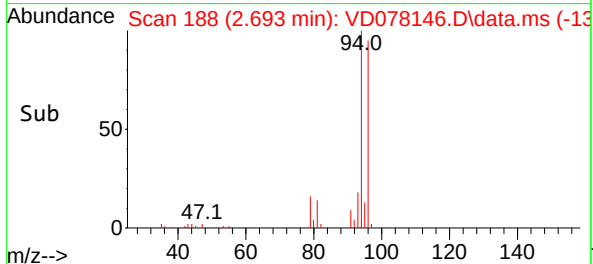
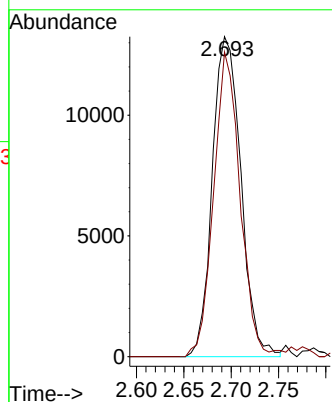
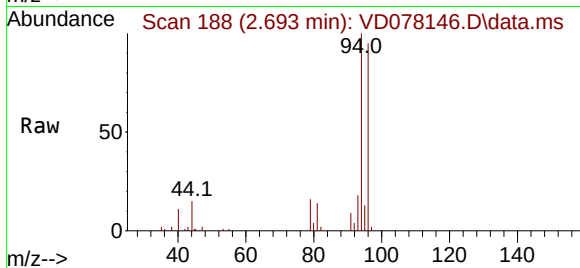




#5
Bromomethane
Concen: 21.001 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

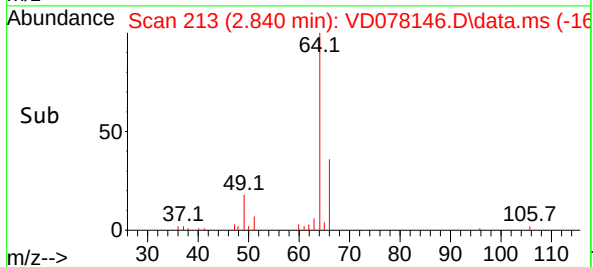
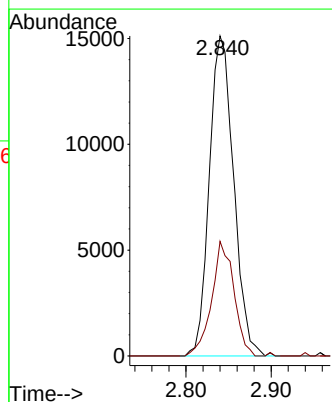
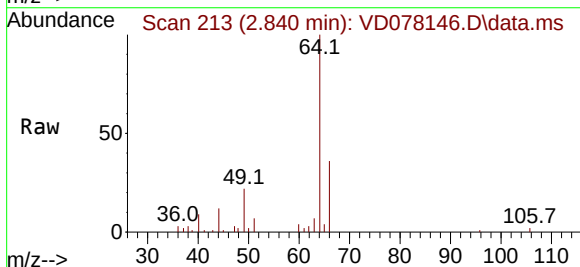
Instrument :
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ClientSampleId :
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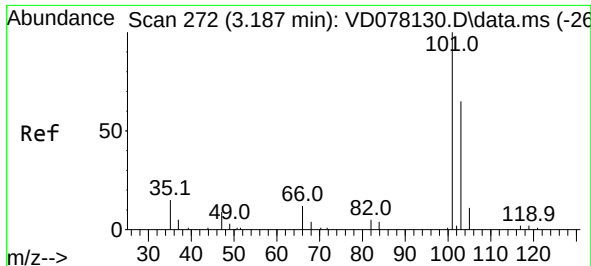
Tgt Ion: 94 Resp: 27780
Ion Ratio Lower Upper
94 100
96 87.9 75.8 113.8



#6
Chloroethane
Concen: 23.429 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion: 64 Resp: 29974
Ion Ratio Lower Upper
64 100
66 35.8 25.5 38.3

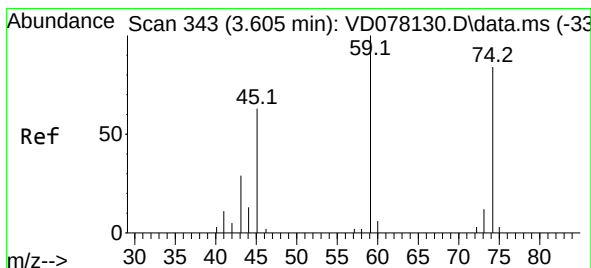
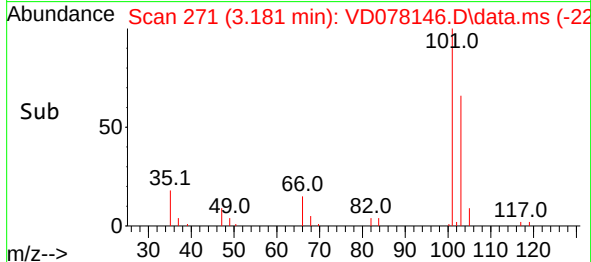
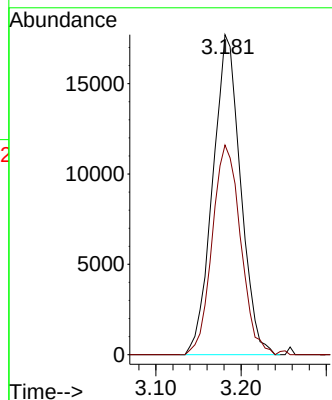
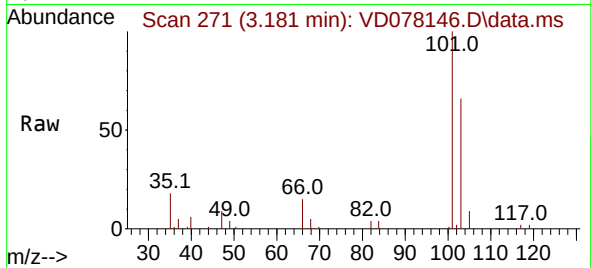




#7
Trichlorofluoromethane
Concen: 21.229 ug/l
RT: 3.181 min Scan# 271
Delta R.T. -0.006 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

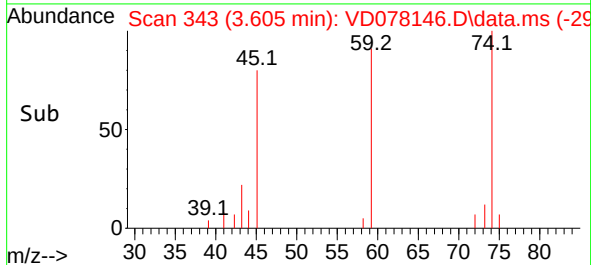
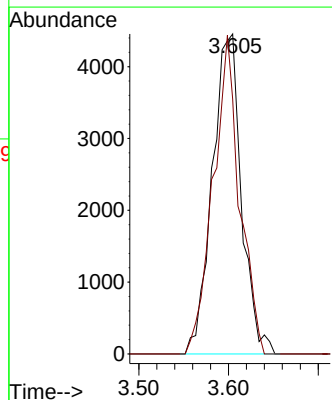
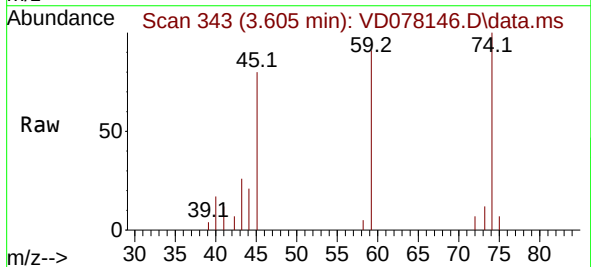
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ClientSampleId :
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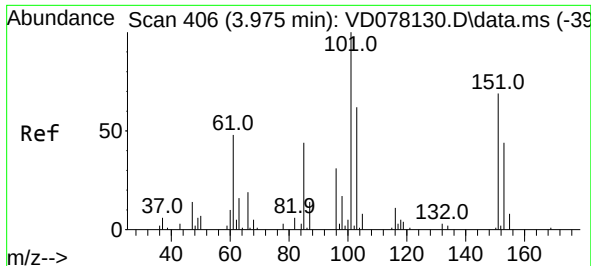
Tgt Ion:101 Resp: 40192
Ion Ratio Lower Upper
101 100
103 65.5 52.3 78.5



#8
Diethyl Ether
Concen: 20.236 ug/l
RT: 3.605 min Scan# 343
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion: 74 Resp: 10046
Ion Ratio Lower Upper
74 100
45 90.4 37.5 112.7

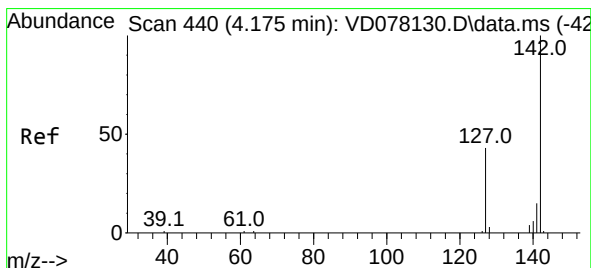
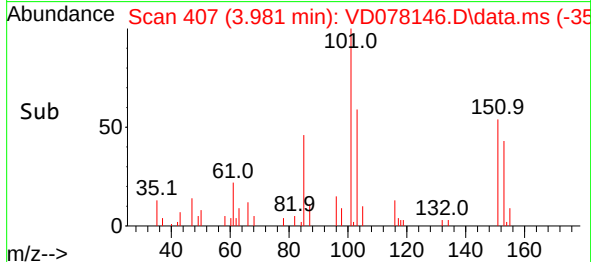
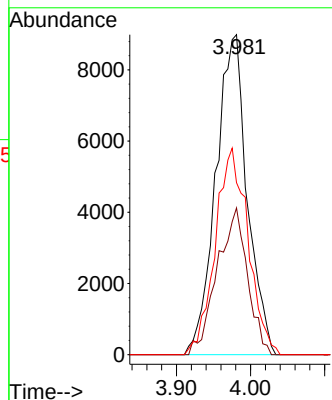
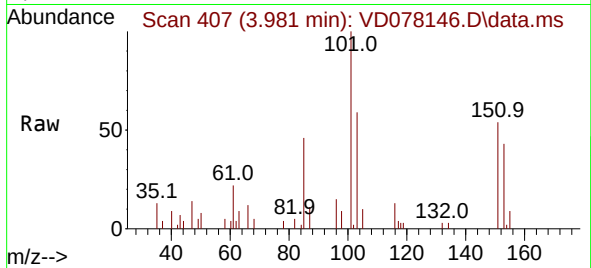




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.556 ug/l
RT: 3.981 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD078146.D
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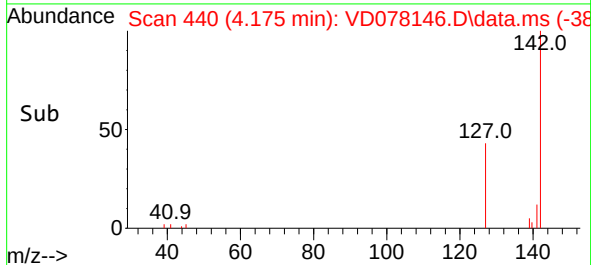
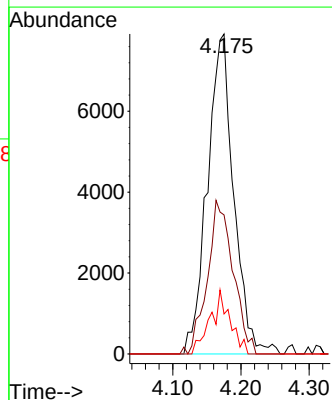
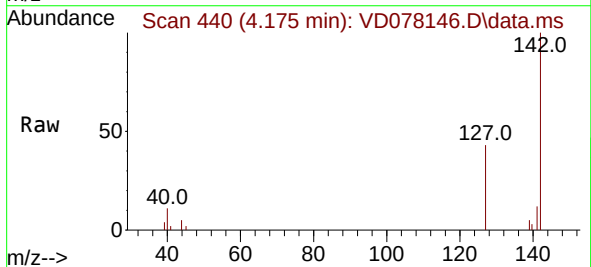
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

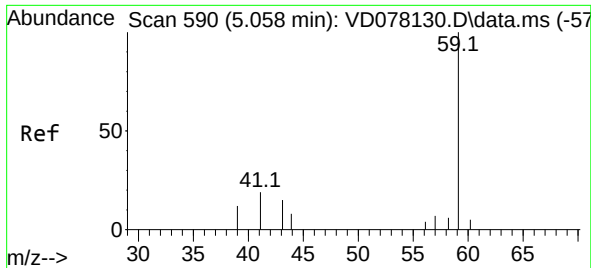
Tgt Ion:101 Resp: 26509
Ion Ratio Lower Upper
101 100
85 44.3 33.8 50.6
151 67.3 59.8 89.6



#10
Methyl Iodide
Concen: 20.562 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion:142 Resp: 21284
Ion Ratio Lower Upper
142 100
127 46.8 29.4 44.0#
141 15.2 11.1 16.7

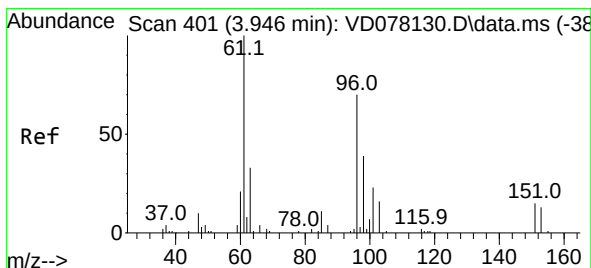
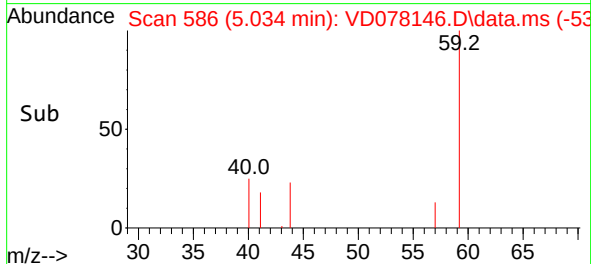
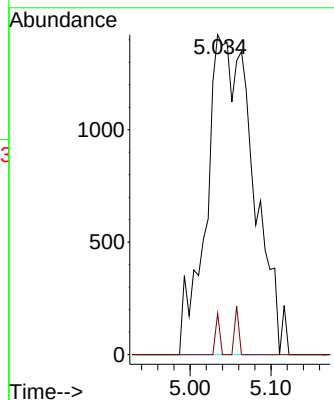
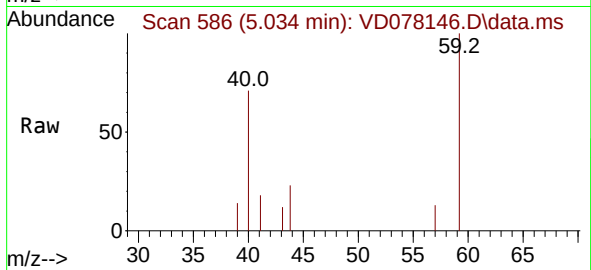




#11
Tert butyl alcohol
Concen: 109.756 ug/l m
RT: 5.034 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

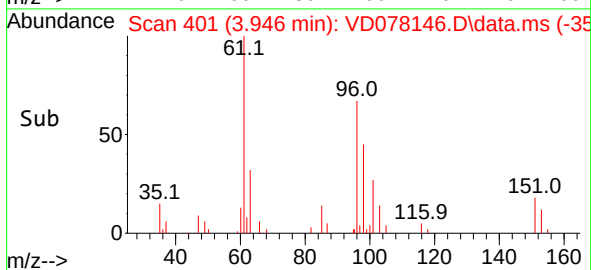
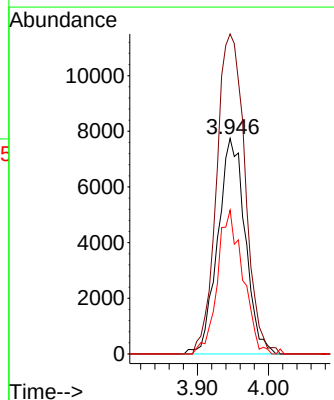
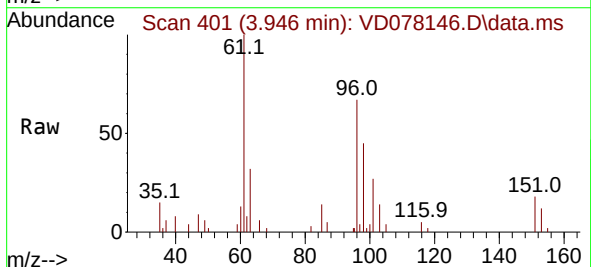
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

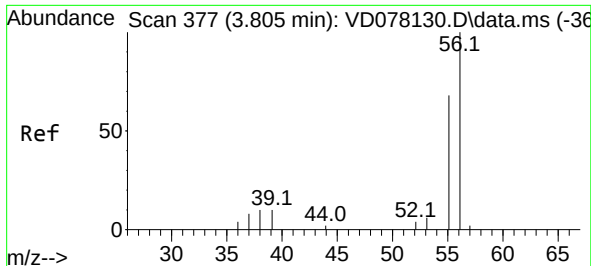
Tgt Ion: 59 Resp: 5672
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 21.724 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion: 96 Resp: 20702
Ion Ratio Lower Upper
96 100
61 148.5 100.6 150.8
98 66.8 50.2 75.2

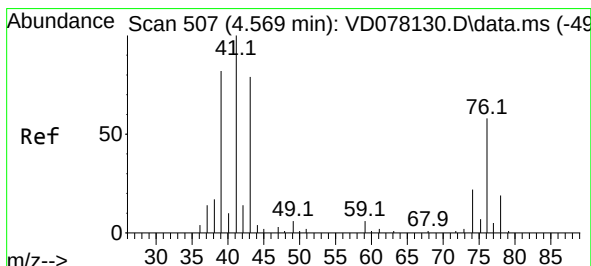
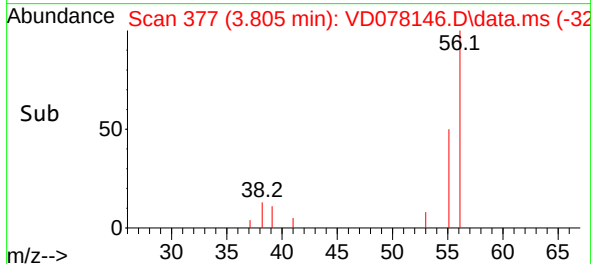
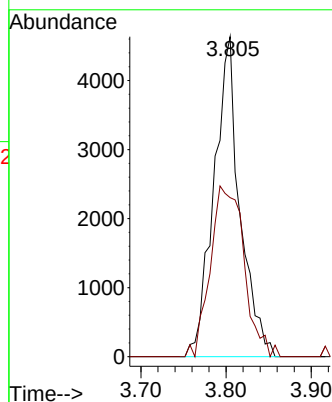
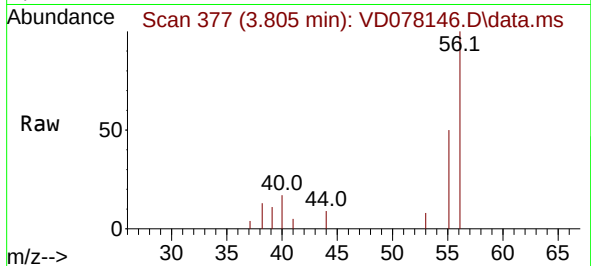




#13
Acrolein
Concen: 115.361 ug/l
RT: 3.805 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

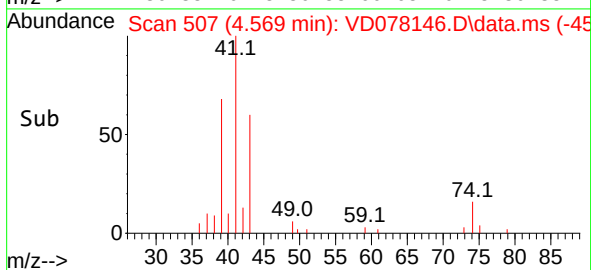
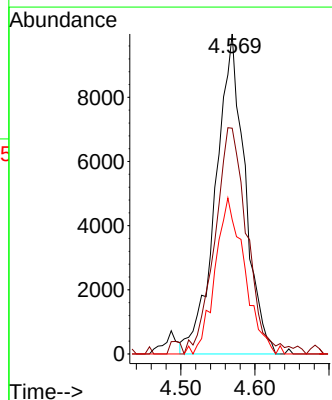
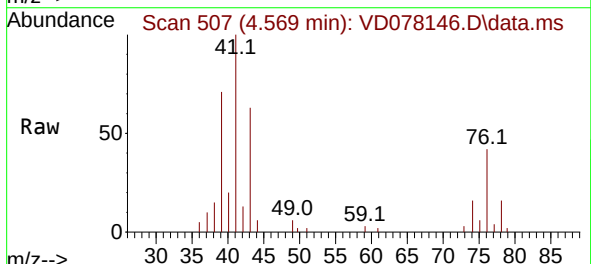
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

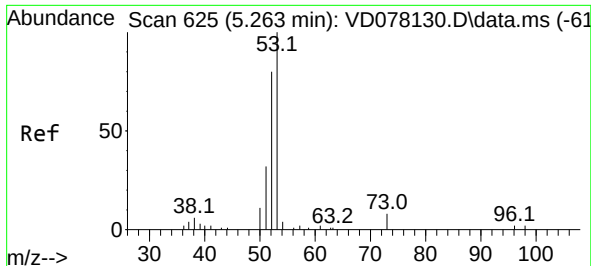
Tgt Ion: 56 Resp: 9850
Ion Ratio Lower Upper
56 100
55 68.9 55.1 82.7



#14
Allyl chloride
Concen: 21.399 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion: 41 Resp: 27241
Ion Ratio Lower Upper
41 100
39 79.0 53.8 80.6
76 49.2 45.8 68.8

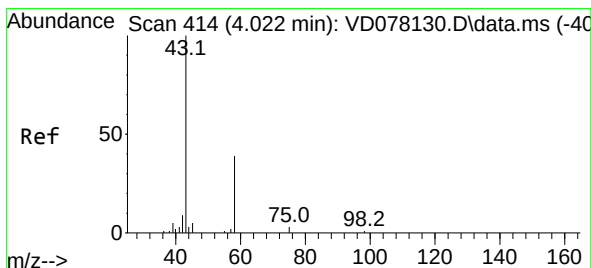
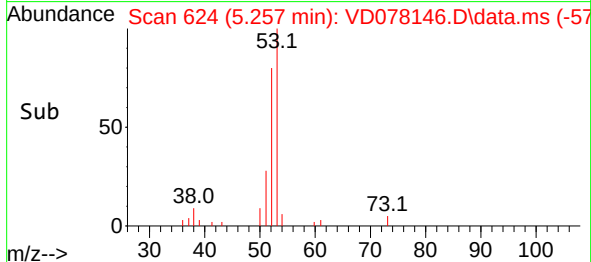
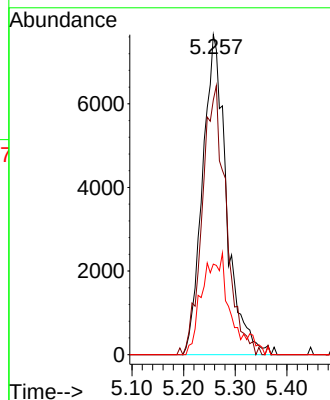
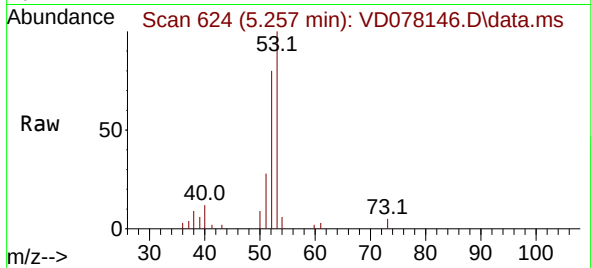




#15
Acrylonitrile
Concen: 106.382 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

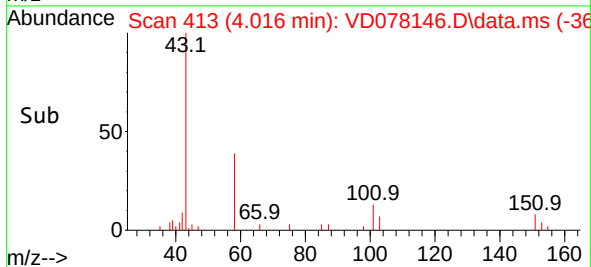
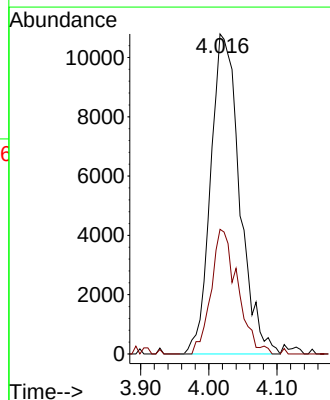
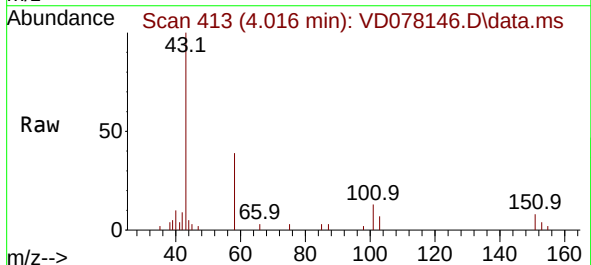
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

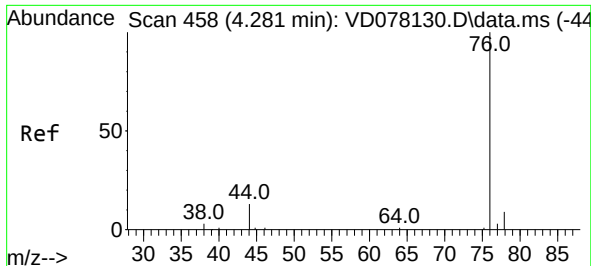
Tgt Ion:	53	Resp:	24709
Ion	Ratio	Lower	Upper
53	100		
52	83.6	65.0	97.4
51	34.7	28.3	42.5



#16
Acetone
Concen: 123.642 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion:	43	Resp:	31949
Ion	Ratio	Lower	Upper
43	100		
58	38.9	34.7	52.1

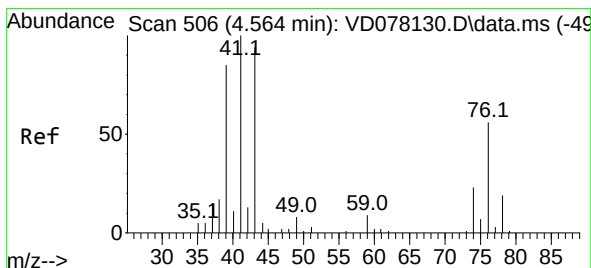
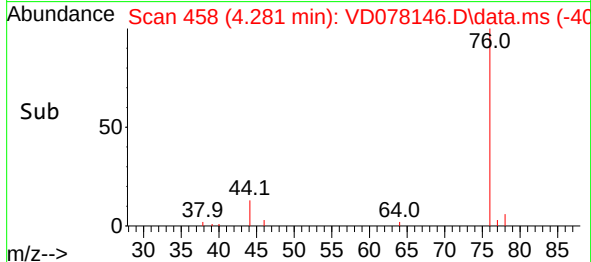
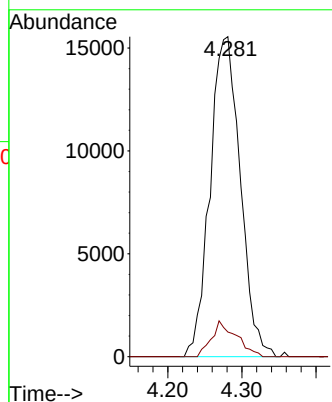
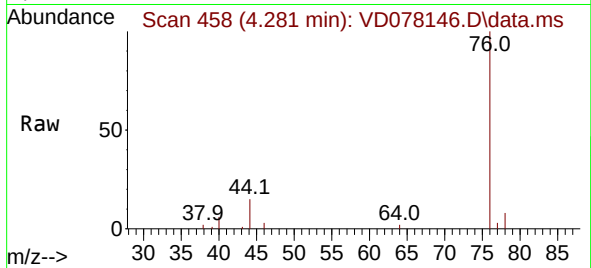




#17
Carbon Disulfide
Concen: 20.764 ug/l
RT: 4.281 min Scan# 411
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

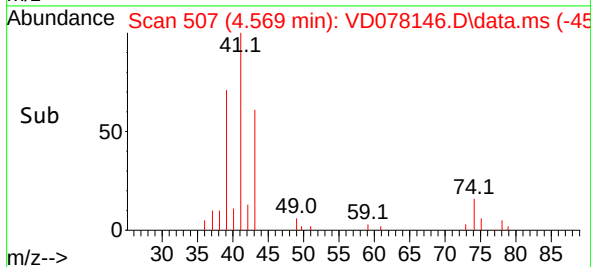
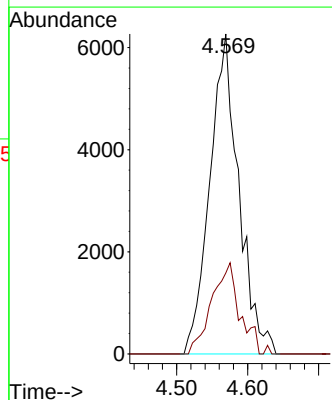
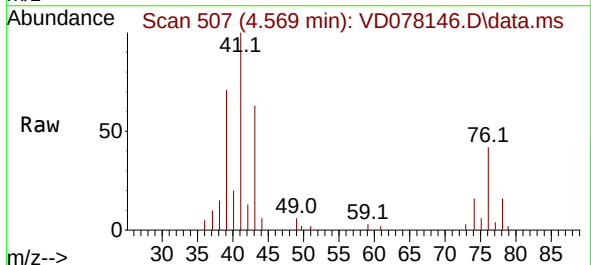
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

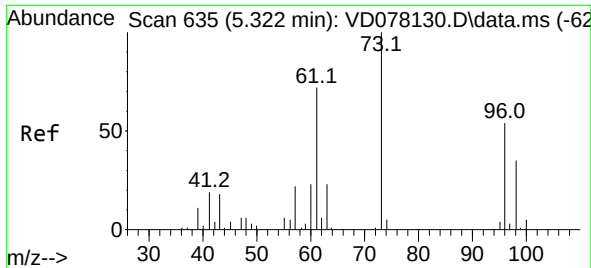
Tgt Ion: 76 Resp: 44100
Ion Ratio Lower Upper
76 100
78 7.7 6.8 10.2



#18
Methyl Acetate
Concen: 19.422 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion: 43 Resp: 17734
Ion Ratio Lower Upper
43 100
74 27.4 26.4 39.6

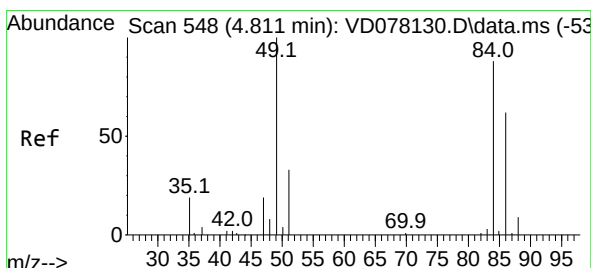
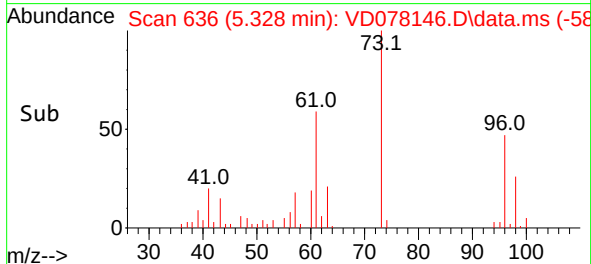
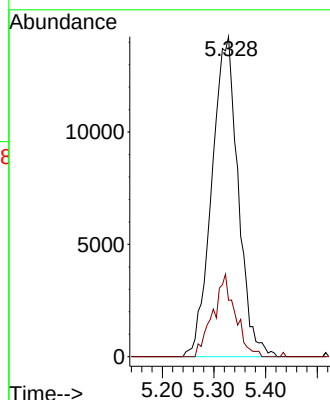
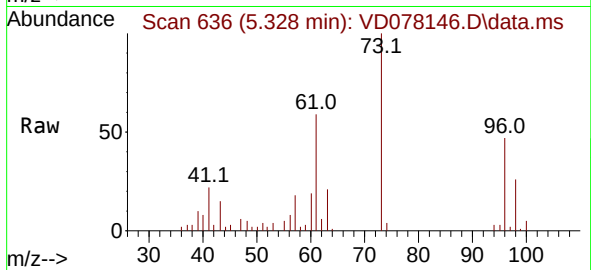




#19
Methyl tert-butyl Ether
Concen: 21.993 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

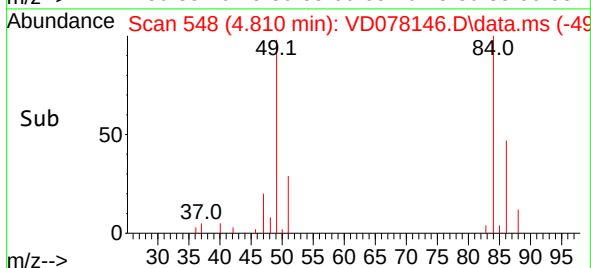
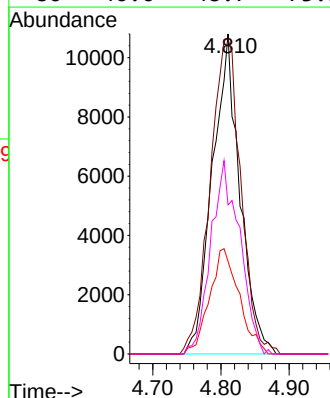
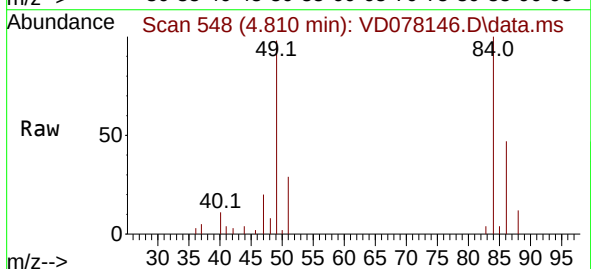
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

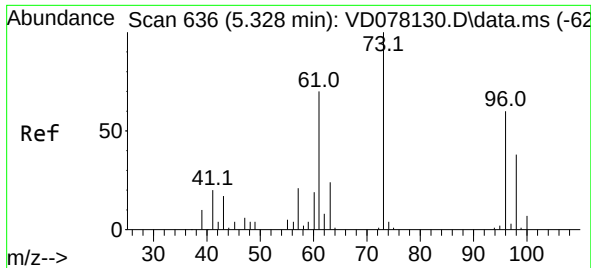
Tgt Ion: 73 Resp: 50492
Ion Ratio Lower Upper
73 100
57 17.7 16.6 25.0



#20
Methylene Chloride
Concen: 20.678 ug/l
RT: 4.810 min Scan# 548
Delta R.T. -0.001 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion: 84 Resp: 30364
Ion Ratio Lower Upper
84 100
49 98.3 71.4 107.2
51 28.9 24.5 36.7
86 46.6 48.7 73.1#

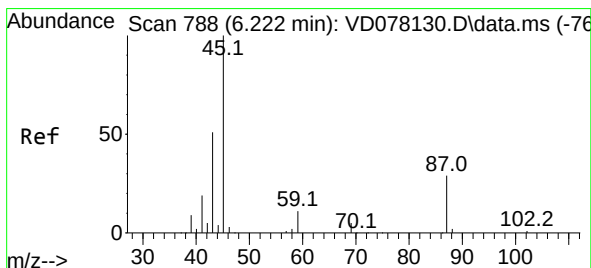
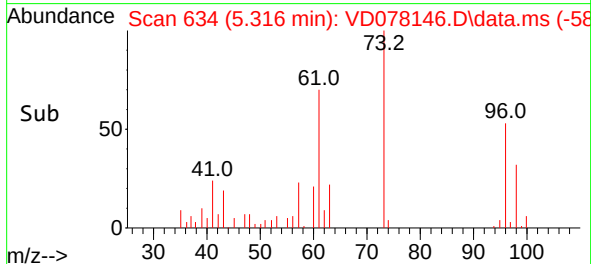
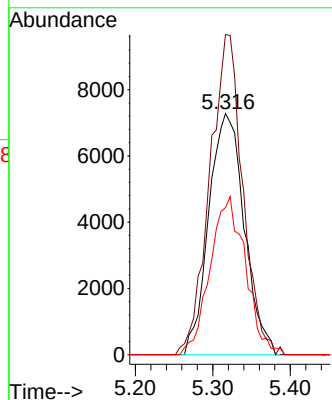
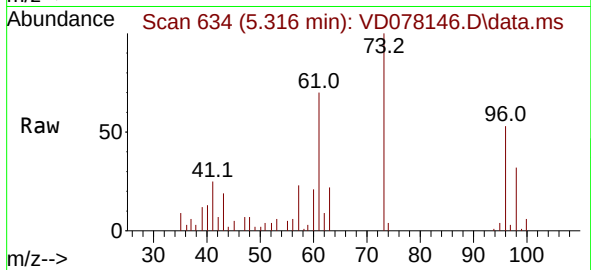




#21
trans-1,2-Dichloroethene
Concen: 21.376 ug/l
RT: 5.316 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

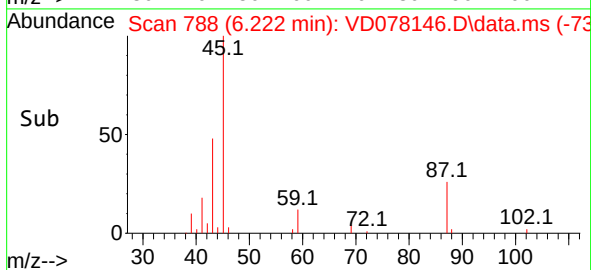
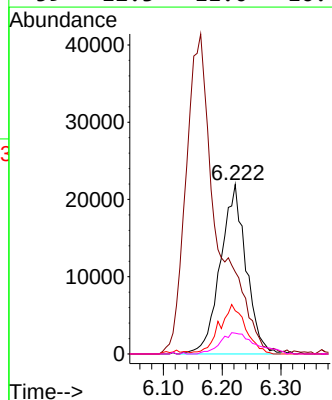
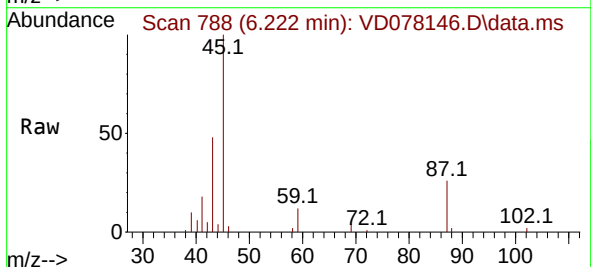
Instrument :
MSVOA_D
ClientSampleId :
VD01111SBSD01

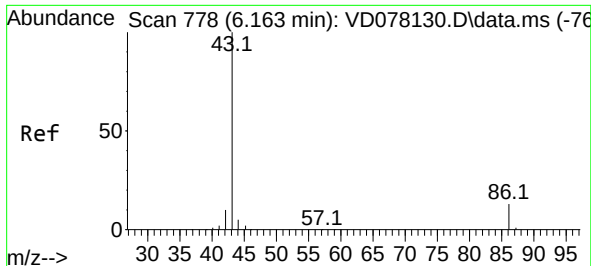
Tgt Ion: 96 Resp: 23182
Ion Ratio Lower Upper
96 100
61 129.7 89.3 133.9
98 61.0 48.6 73.0



#22
Diisopropyl ether
Concen: 22.225 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion: 45 Resp: 66529
Ion Ratio Lower Upper
45 100
43 47.2 40.0 60.0
87 25.5 28.2 42.4#
59 12.3 11.0 16.4

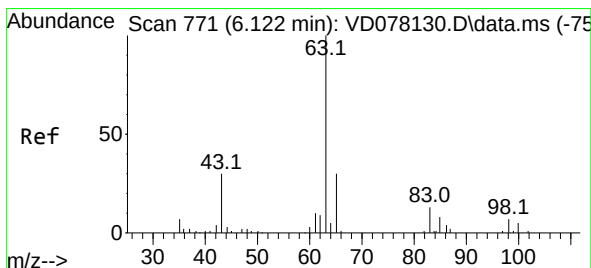
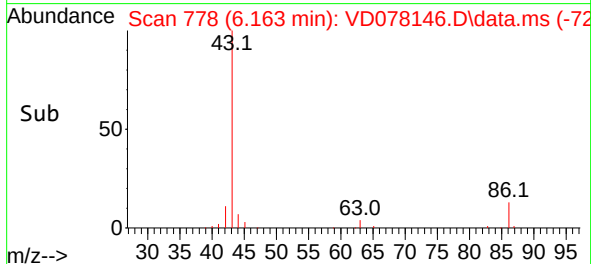
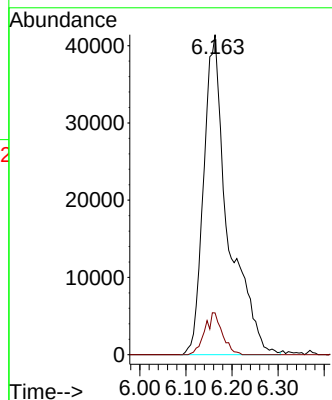
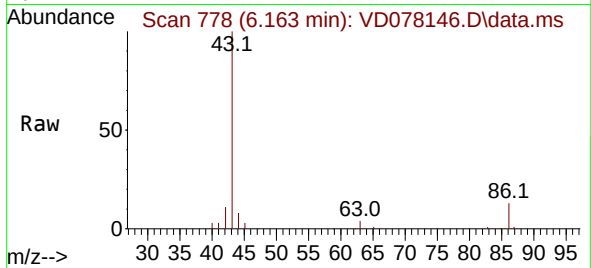




#23
 Vinyl Acetate
 Concen: 113.957 ug/l
 RT: 6.163 min Scan# 778
 Delta R.T. -0.000 min
 Lab File: VD078146.D
 Acq: 11 Jan 2024 11:33

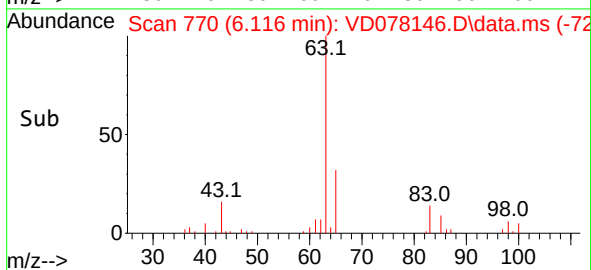
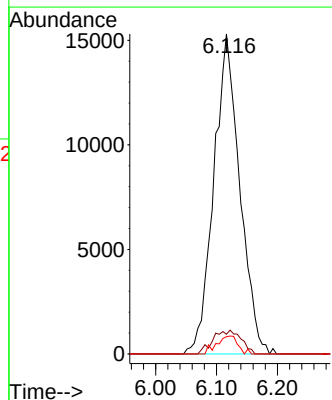
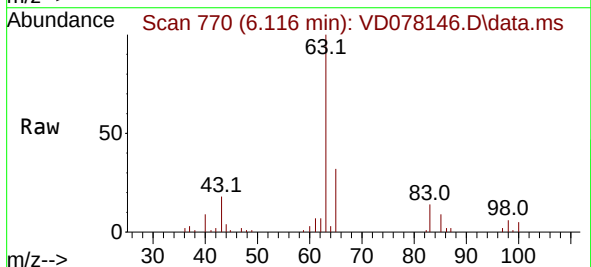
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0111SBSD01

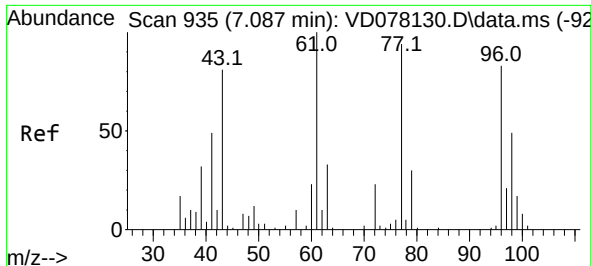
Tgt Ion: 43 Resp: 153237
 Ion Ratio Lower Upper
 43 100
 86 13.0 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 21.790 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VD078146.D
 Acq: 11 Jan 2024 11:33

Tgt Ion: 63 Resp: 45509
 Ion Ratio Lower Upper
 63 100
 98 6.1 4.5 13.7
 100 5.4 2.5 7.5

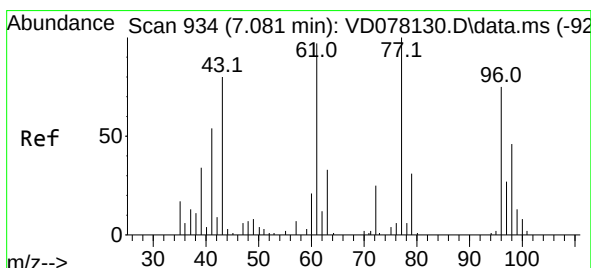
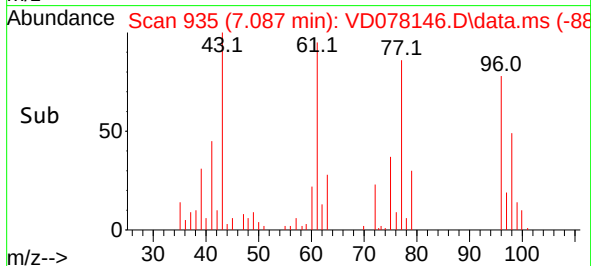
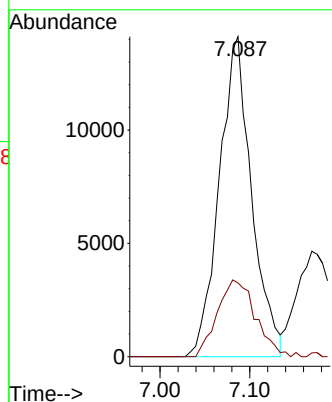
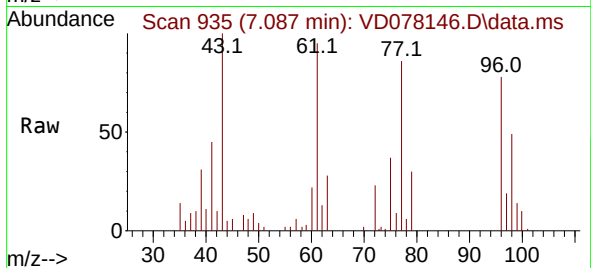




#25
2-Butanone
Concen: 112.583 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

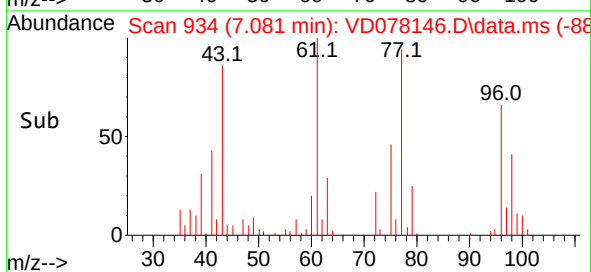
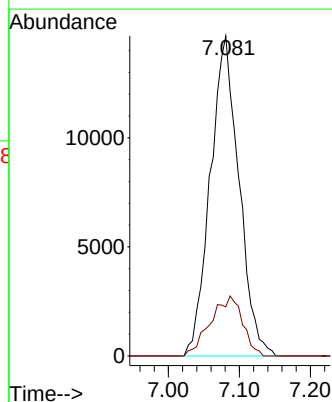
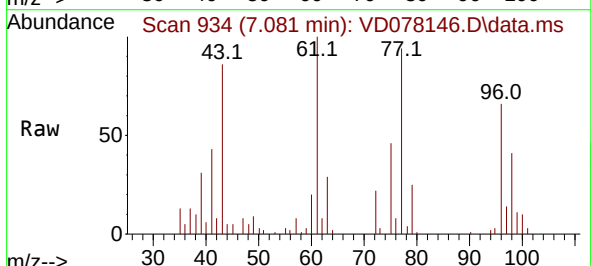
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

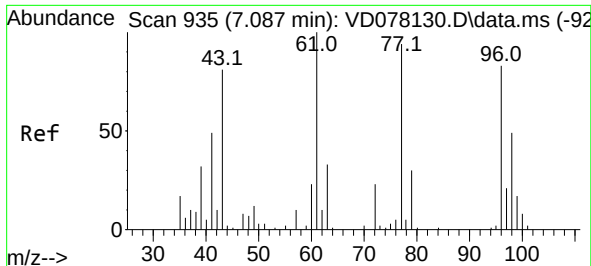
Tgt Ion: 43 Resp: 35279
Ion Ratio Lower Upper
43 100
72 23.1 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 22.041 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion: 77 Resp: 41177
Ion Ratio Lower Upper
77 100
97 20.9 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 21.918 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBSD01

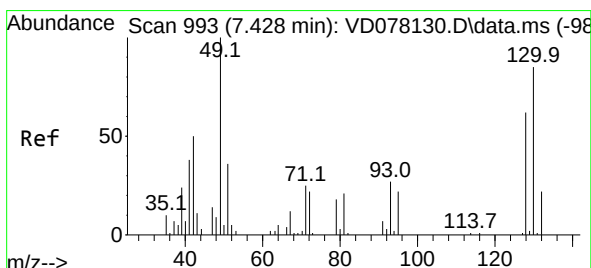
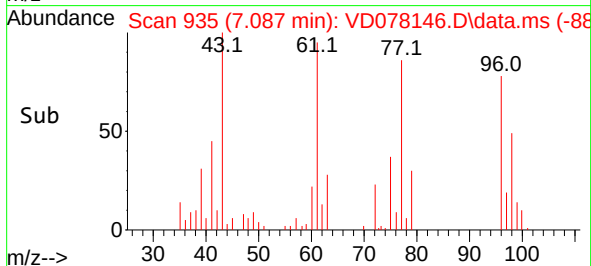
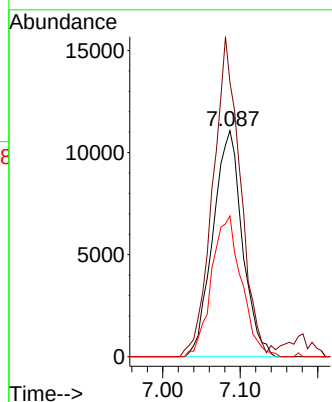
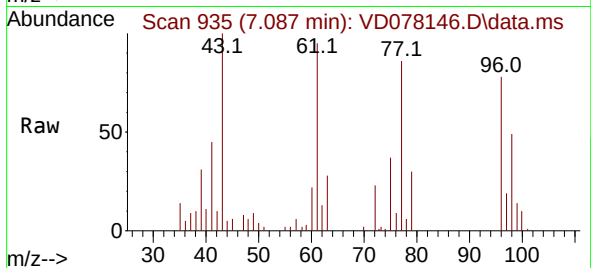
Tgt Ion: 96 Resp: 29225

Ion Ratio Lower Upper

96 100

61 132.0 0.0 239.2

98 63.5 0.0 128.6



#28

Bromochloromethane

Concen: 20.275 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

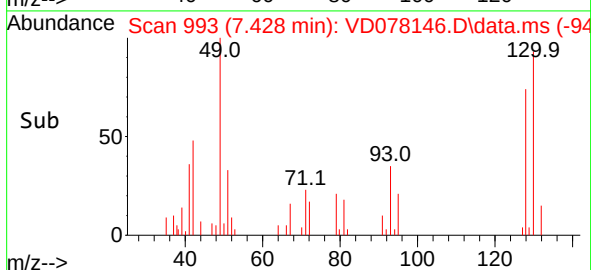
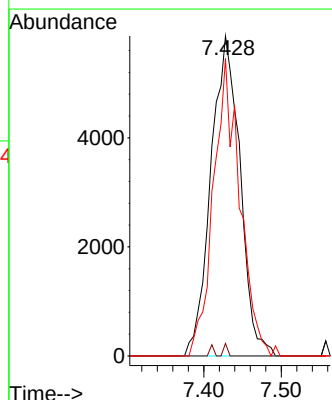
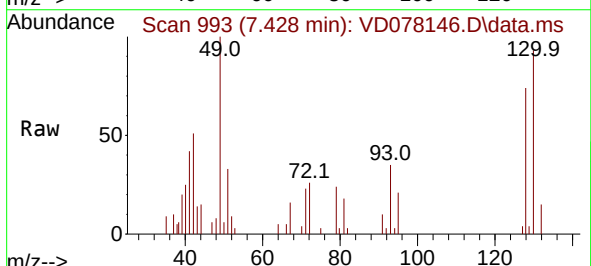
Tgt Ion: 49 Resp: 15353

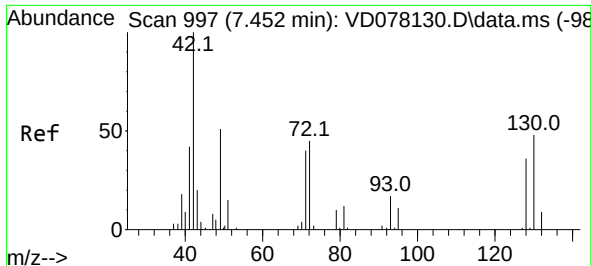
Ion Ratio Lower Upper

49 100

129 0.5 0.0 6.0

130 84.4 83.2 124.8





#29

Tetrahydrofuran

Concen: 101.249 ug/l

RT: 7.451 min Scan# 997

Delta R.T. -0.000 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBSD01

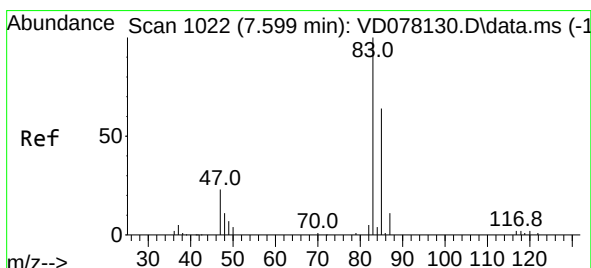
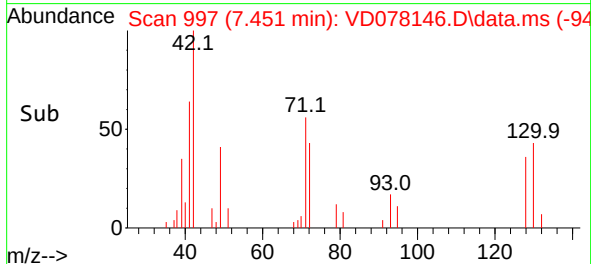
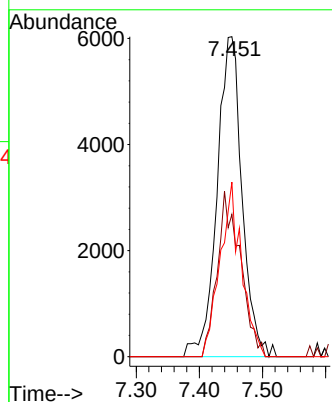
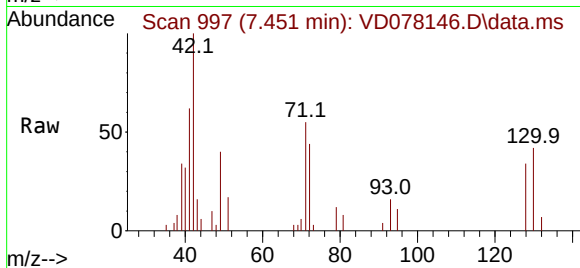
Tgt Ion: 42 Resp: 16645

Ion Ratio Lower Upper

42 100

72 47.6 46.5 69.7

71 47.0 44.5 66.7



#30

Chloroform

Concen: 22.151 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078146.D

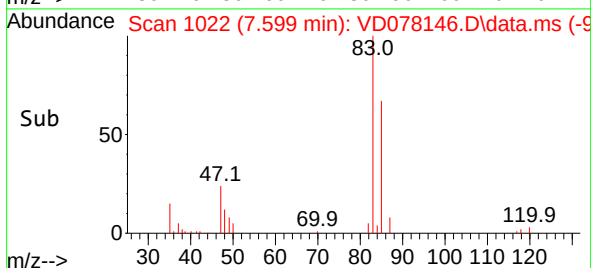
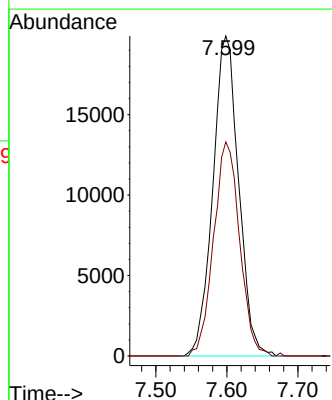
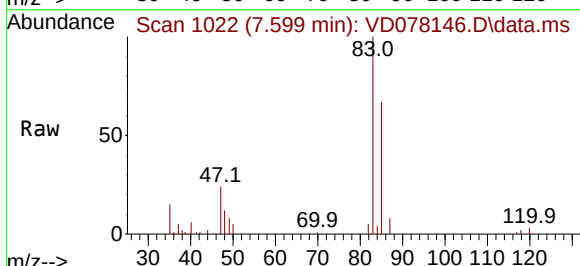
Acq: 11 Jan 2024 11:33

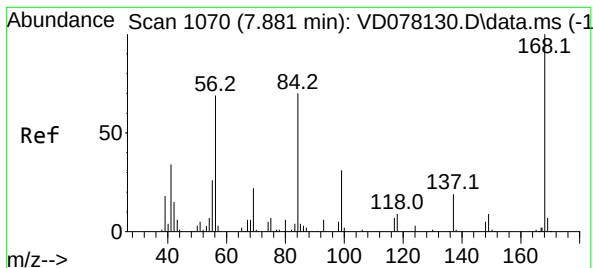
Tgt Ion: 83 Resp: 50145

Ion Ratio Lower Upper

83 100

85 66.9 53.4 80.2





#31

Cyclohexane

Concen: 19.958 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBSD01

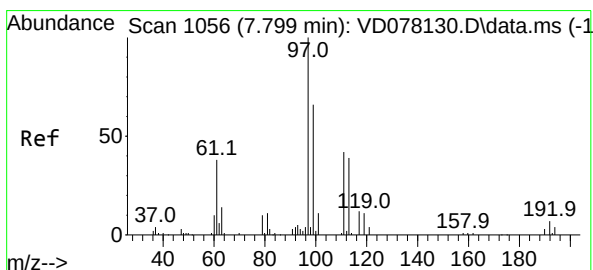
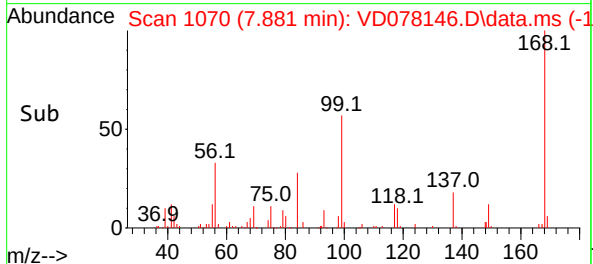
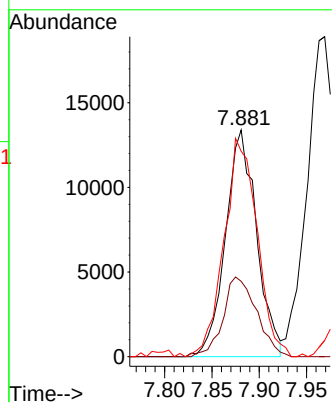
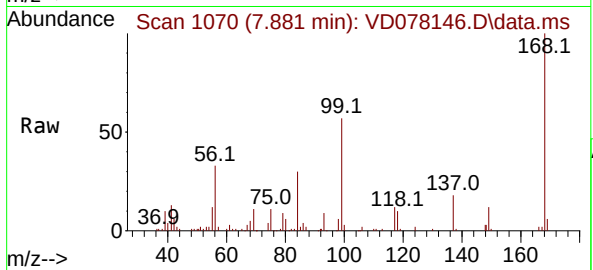
Tgt Ion: 56 Resp: 30633

Ion Ratio Lower Upper

56 100

69 33.2 28.6 43.0

84 89.2 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 20.944 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

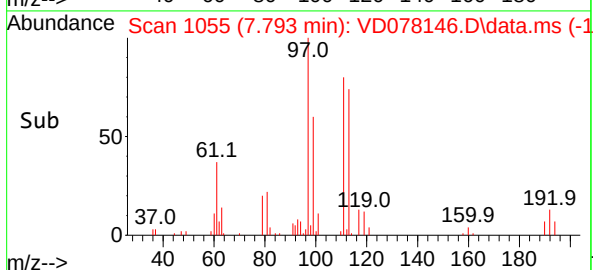
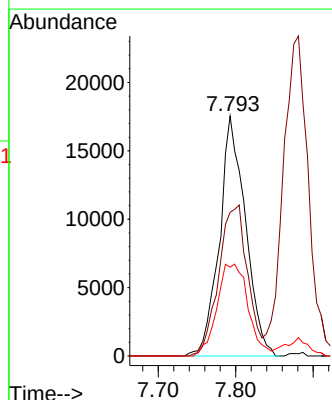
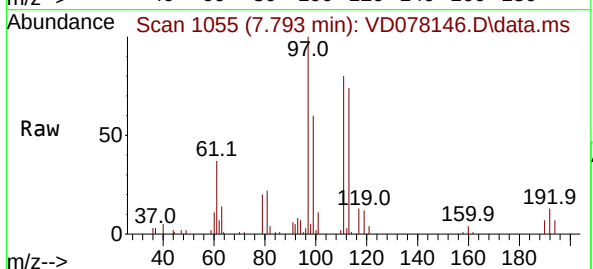
Tgt Ion: 97 Resp: 41010

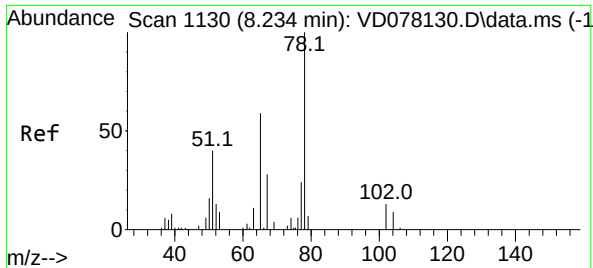
Ion Ratio Lower Upper

97 100

99 69.3 52.0 78.0

61 45.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.537 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

Instrument :

MSVOA_D

ClientSampleId :

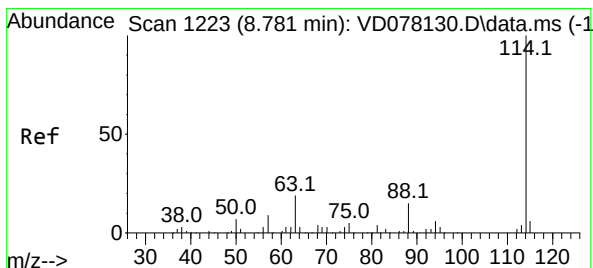
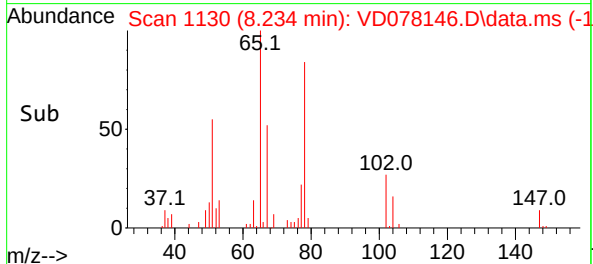
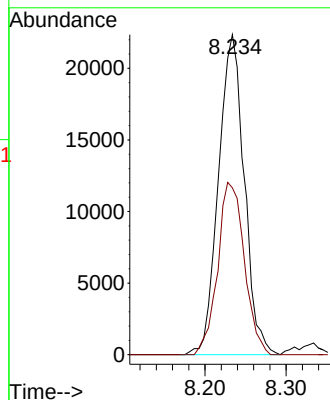
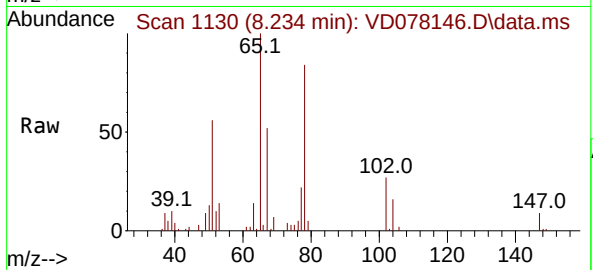
VD0111SBSD01

Tgt Ion: 65 Resp: 49236

Ion Ratio Lower Upper

65 100

67 55.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

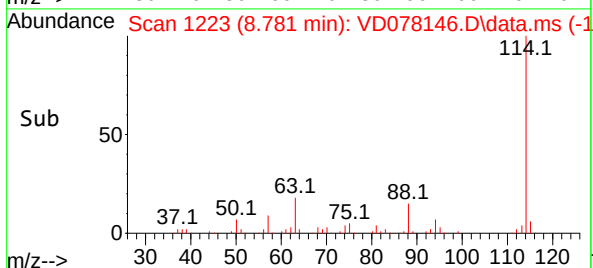
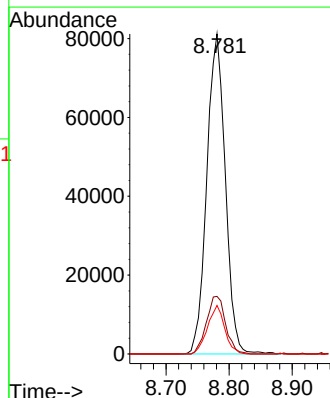
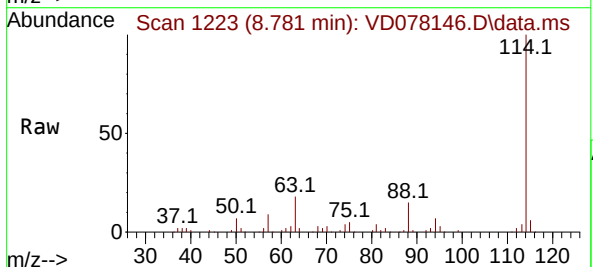
Tgt Ion: 114 Resp: 165149

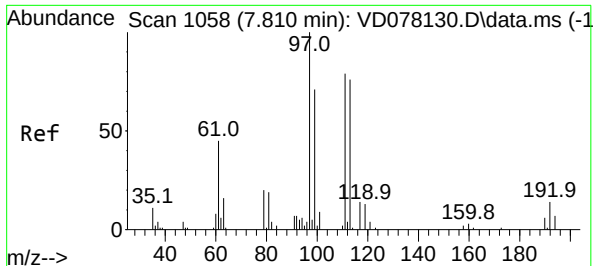
Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.4

88 15.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 47.688 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBSD01

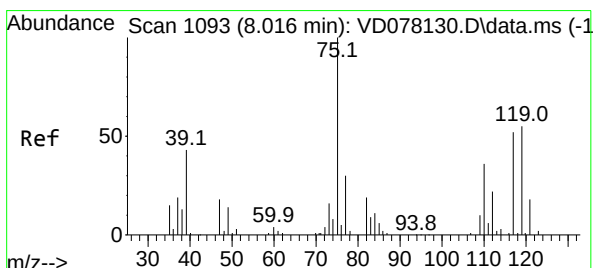
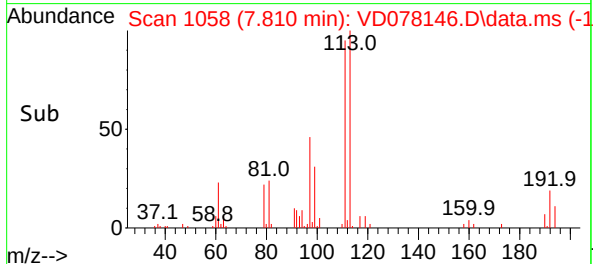
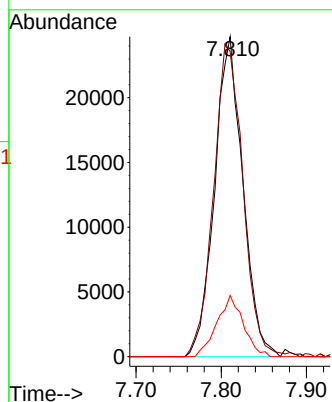
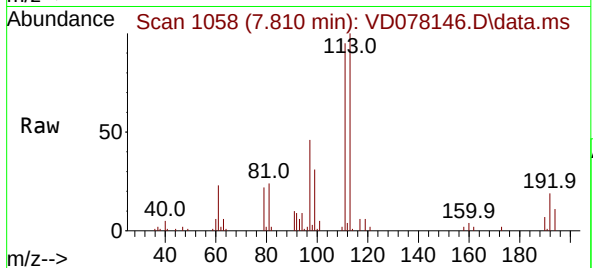
Tgt Ion:113 Resp: 56759

Ion Ratio Lower Upper

113 100

111 102.0 84.7 127.1

192 17.9 16.8 25.2



#36

1,1-Dichloropropene

Concen: 20.527 ug/l

RT: 8.016 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

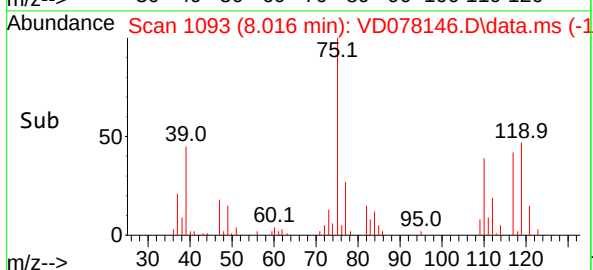
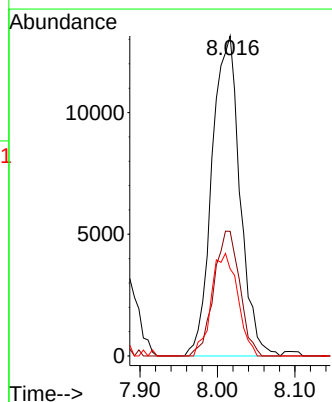
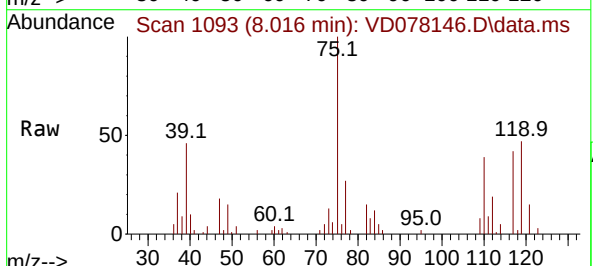
Tgt Ion: 75 Resp: 32989

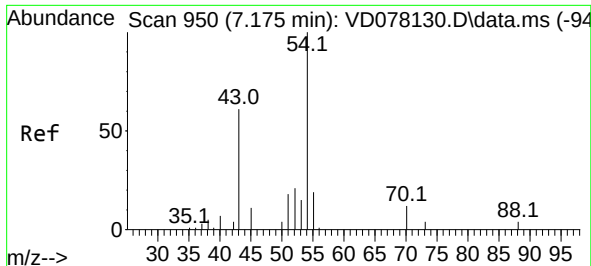
Ion Ratio Lower Upper

75 100

110 36.2 19.9 59.6

77 30.2 24.7 37.1





#37

Ethyl Acetate

Concen: 20.182 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBSD01

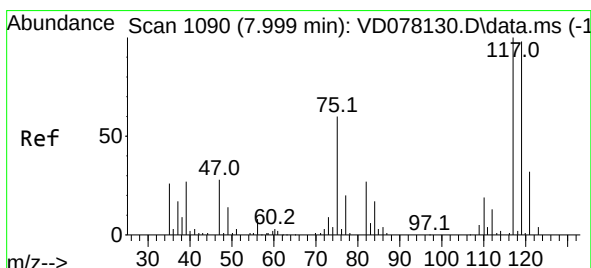
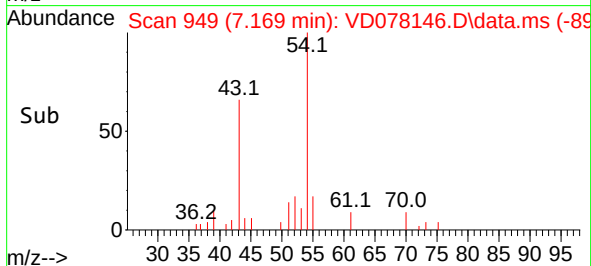
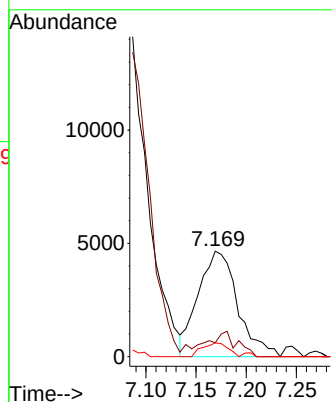
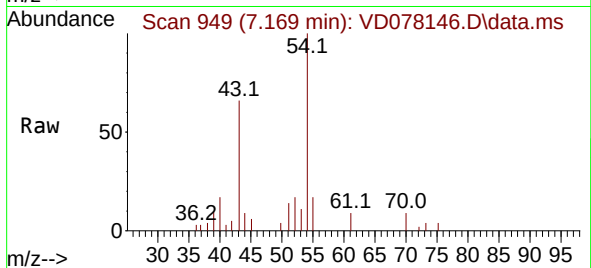
Tgt Ion: 43 Resp: 12765

Ion Ratio Lower Upper

43 100

61 17.6 14.9 22.3

70 8.4 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 19.853 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

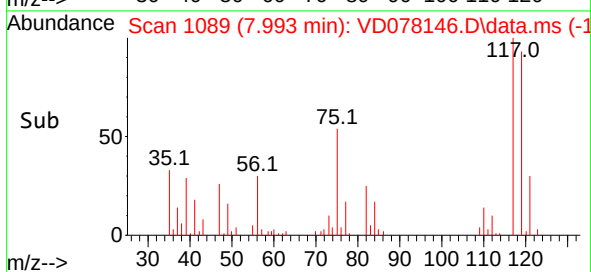
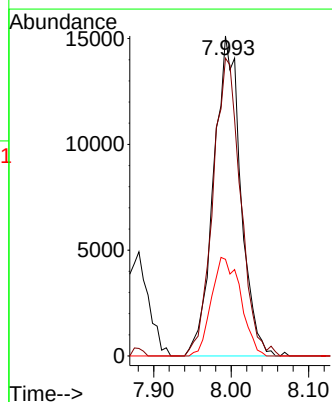
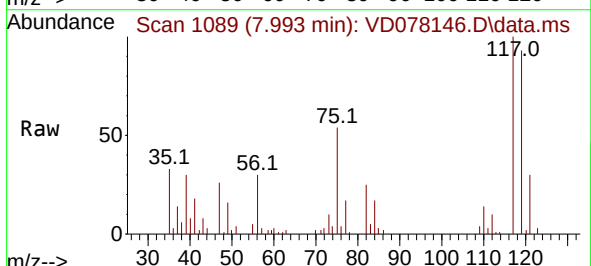
Tgt Ion: 117 Resp: 36745

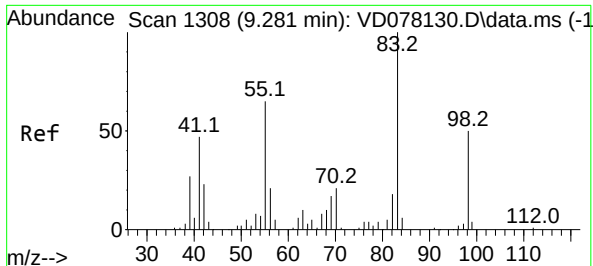
Ion Ratio Lower Upper

117 100

119 93.0 78.0 117.0

121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 20.396 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBSD01

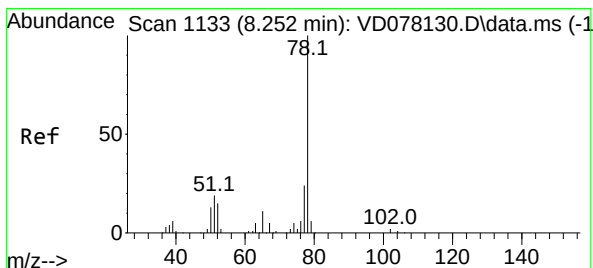
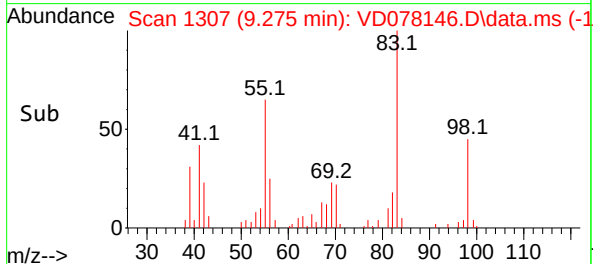
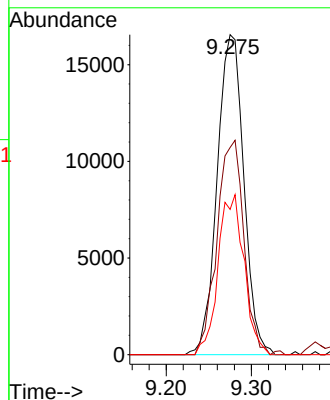
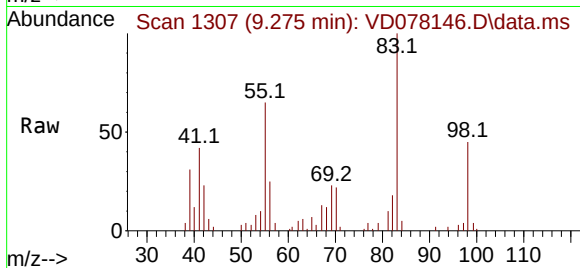
Tgt Ion: 83 Resp: 36073

Ion Ratio Lower Upper

83 100

55 64.8 49.4 74.0

98 45.4 38.4 57.6



#40

Benzene

Concen: 20.341 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD078146.D

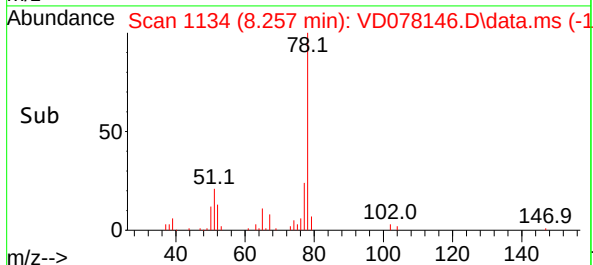
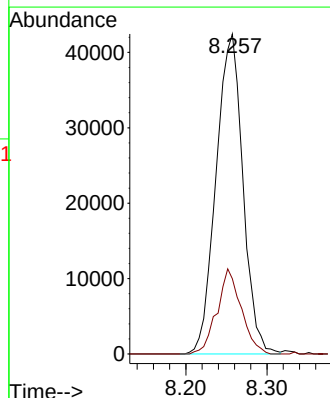
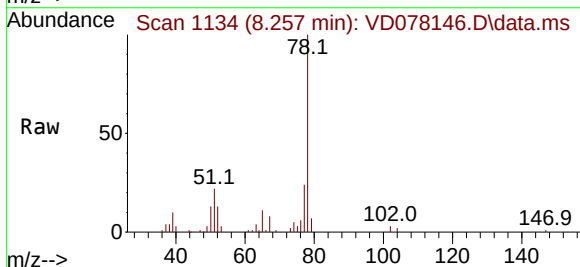
Acq: 11 Jan 2024 11:33

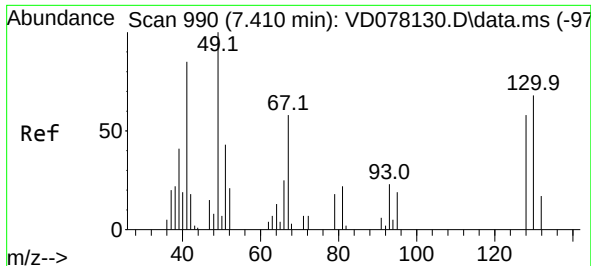
Tgt Ion: 78 Resp: 97572

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.0

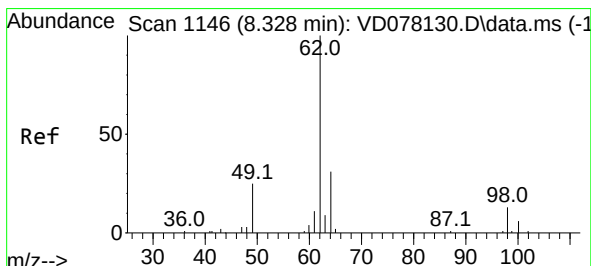
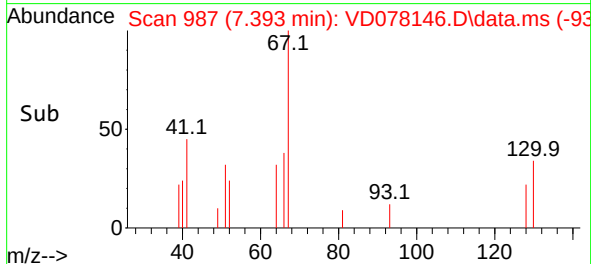
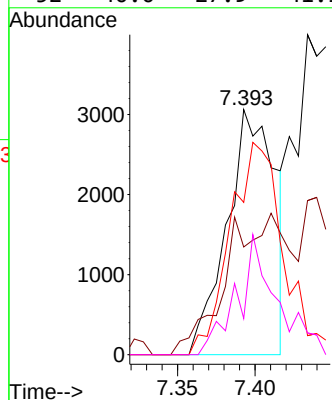
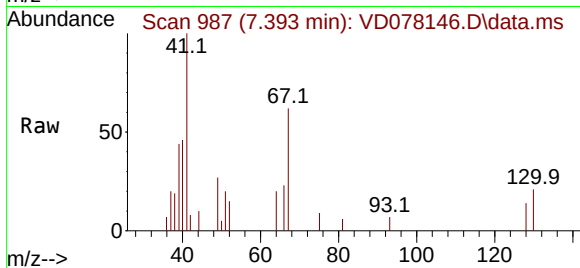




#41
Methacrylonitrile
Concen: 17.763 ug/l
RT: 7.393 min Scan# 911
Delta R.T. -0.018 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

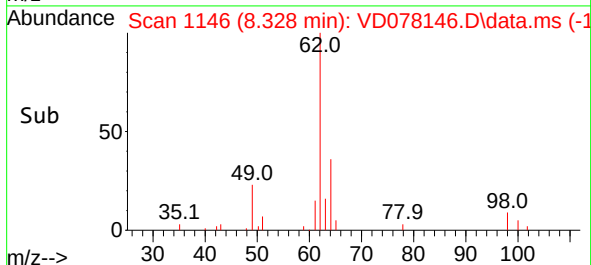
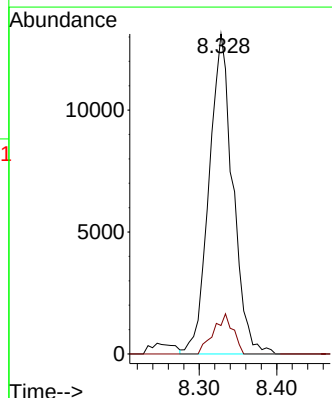
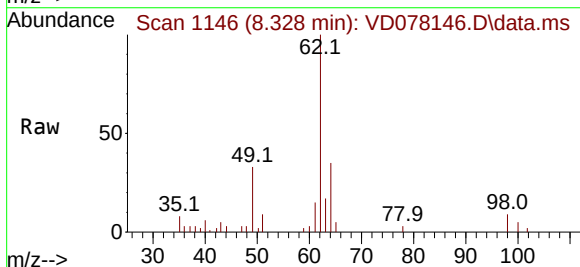
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

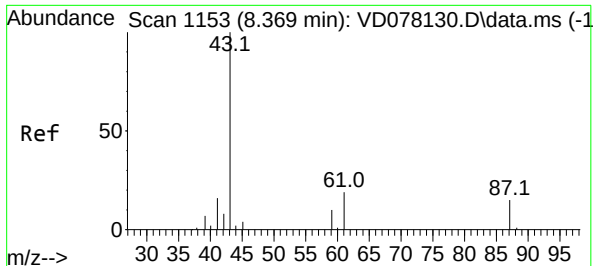
Tgt Ion:	41	Resp:	6595
Ion	Ratio	Lower	Upper
41	100		
39	77.0	34.0	51.0#
67	94.5	77.0	115.4
52	40.0	27.9	41.9



#42
1,2-Dichloroethane
Concen: 20.753 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion:	62	Resp:	28016
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	25.4

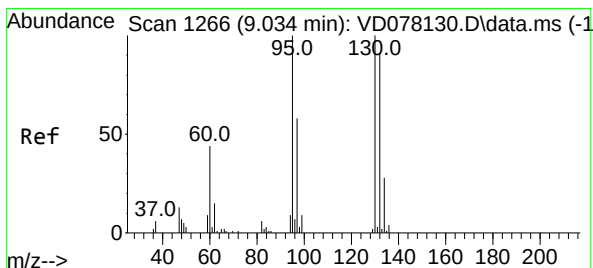
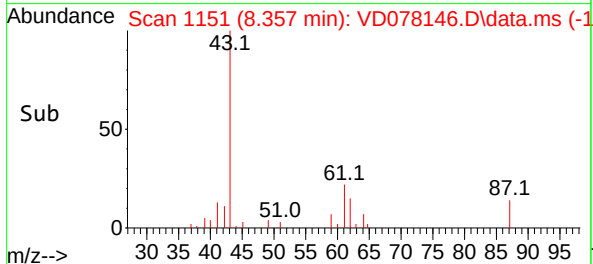
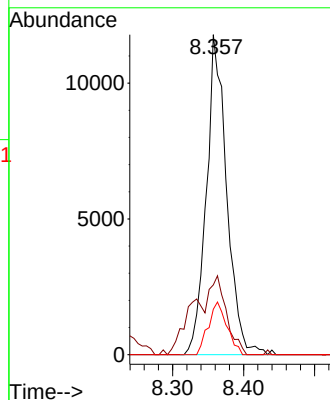
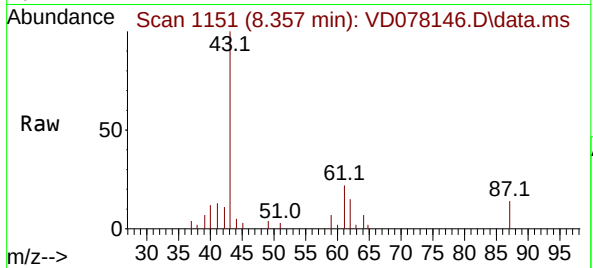




#43
Isopropyl Acetate
Concen: 19.313 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.012 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

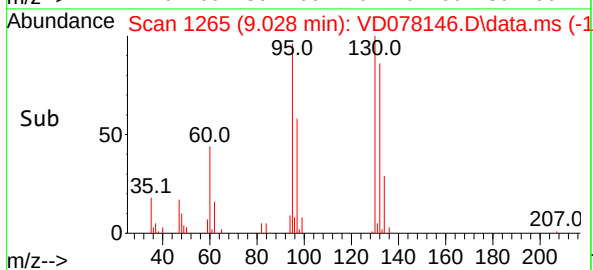
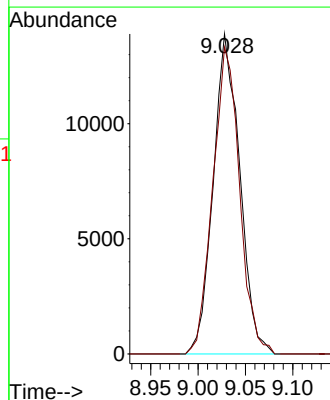
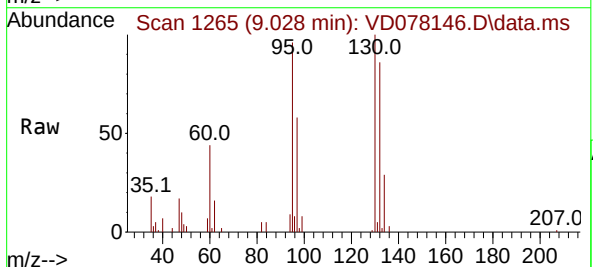
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

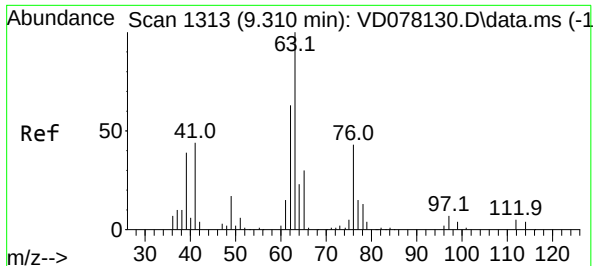
Tgt Ion: 43 Resp: 23549
Ion Ratio Lower Upper
43 100
61 21.0 31.4 47.0#
87 15.0 14.9 22.3



#44
Trichloroethene
Concen: 20.904 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion:130 Resp: 27114
Ion Ratio Lower Upper
130 100
95 95.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 21.351 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

Instrument :

MSVOA_D

ClientSampleId :

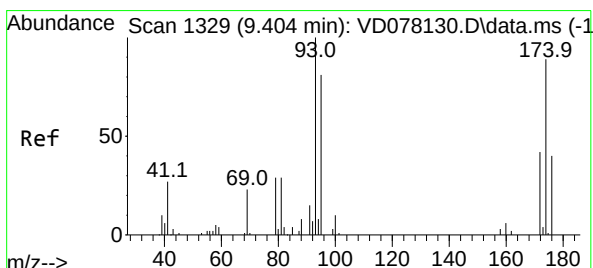
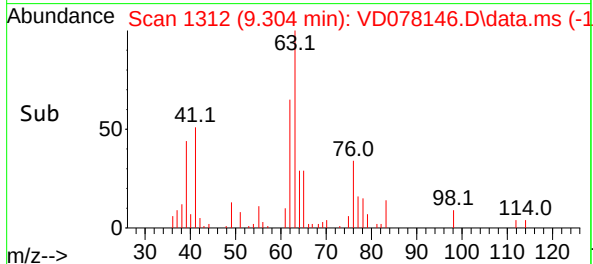
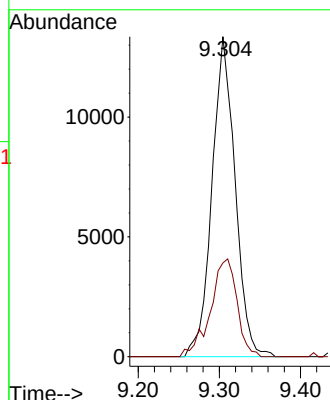
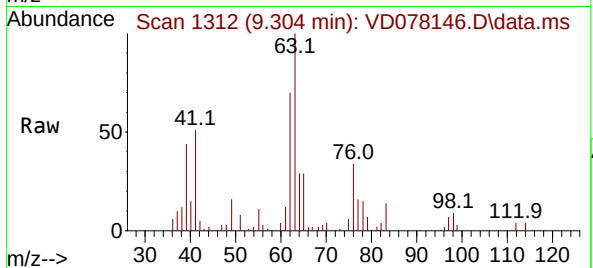
VD0111SBSD01

Tgt Ion: 63 Resp: 26415

Ion Ratio Lower Upper

63 100

65 29.3 24.5 36.7



#46

Dibromomethane

Concen: 21.597 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.012 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

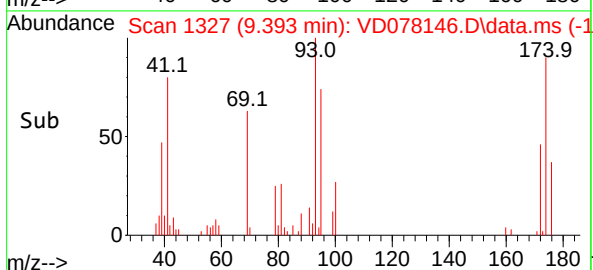
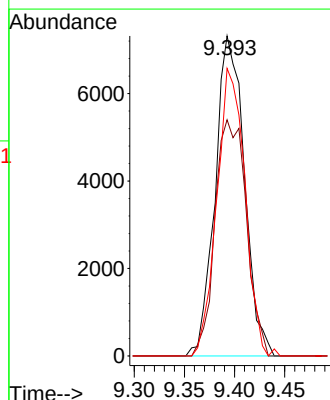
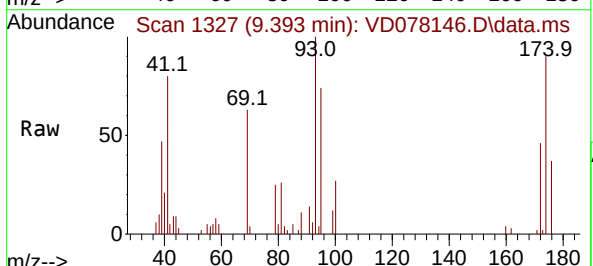
Tgt Ion: 93 Resp: 14782

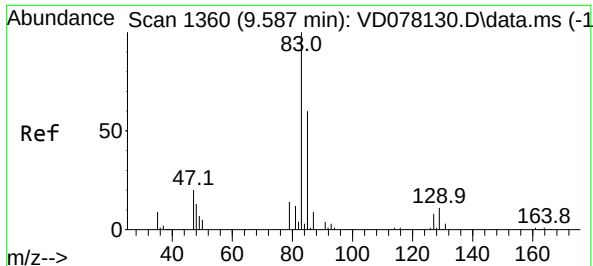
Ion Ratio Lower Upper

93 100

95 79.2 67.7 101.5

174 86.5 85.4 128.2

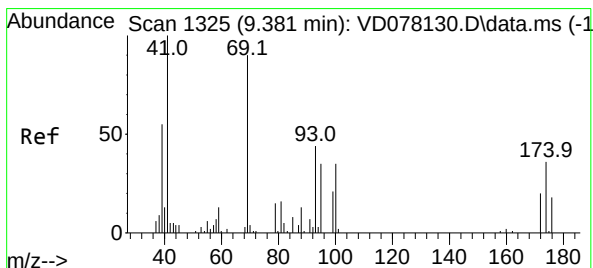
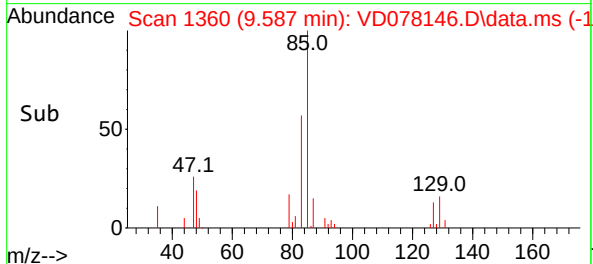
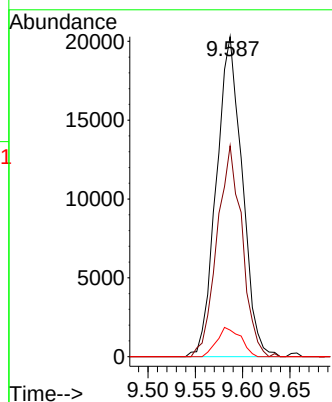
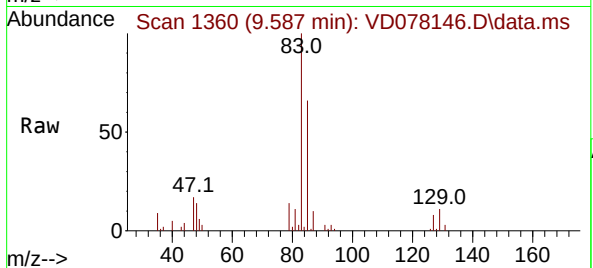




#47
Bromodichloromethane
Concen: 21.183 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

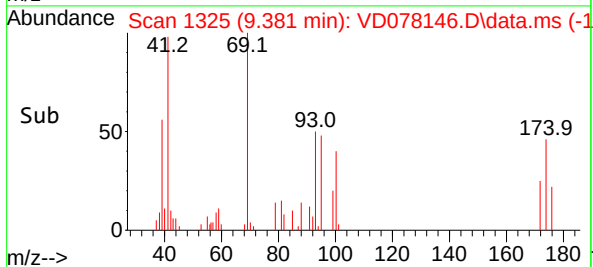
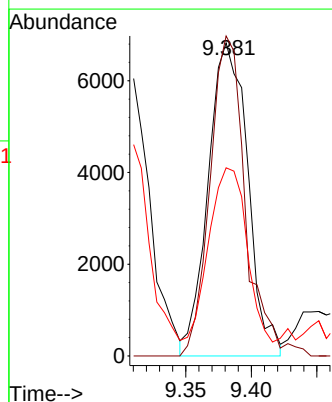
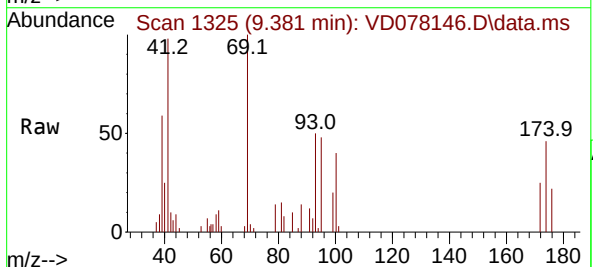
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

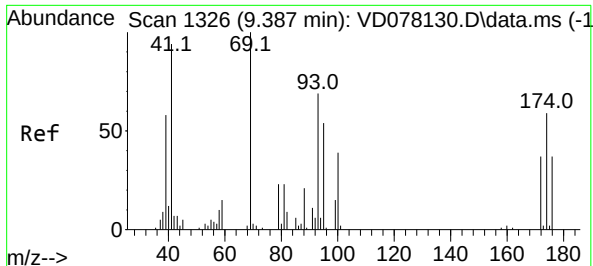
Tgt Ion: 83 Resp: 38546
Ion Ratio Lower Upper
83 100
85 65.9 50.2 75.4
127 8.3 6.3 9.5



#48
Methyl methacrylate
Concen: 21.234 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion: 41 Resp: 14308
Ion Ratio Lower Upper
41 100
69 91.5 102.2 153.2#
39 61.4 41.4 62.2





#49

1,4-Dioxane

Concen: 443.744 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBSD01

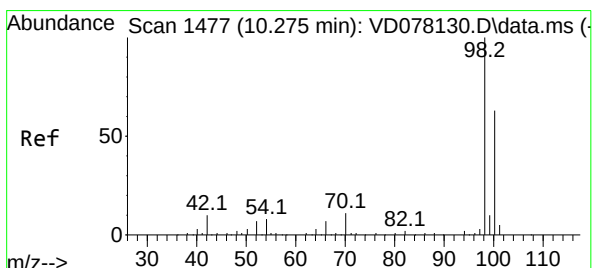
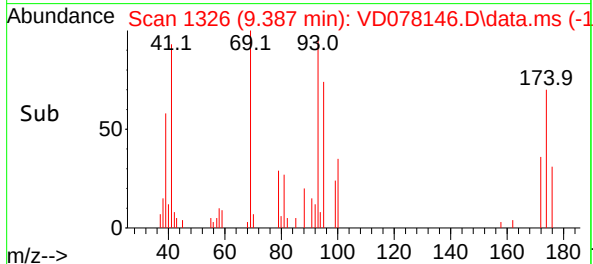
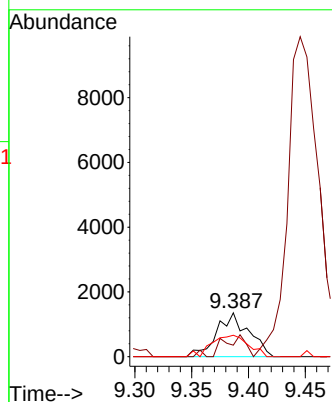
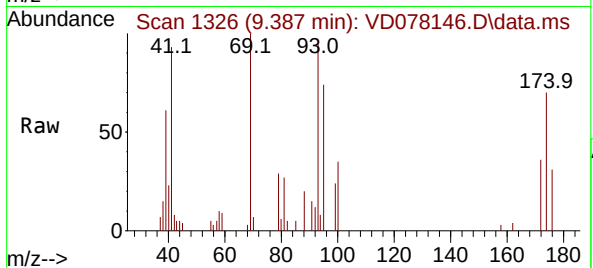
Tgt Ion: 88 Resp: 2655

Ion Ratio Lower Upper

88 100

43 34.5 19.0 28.6#

58 56.5 43.5 65.3



#50

Toluene-d8

Concen: 48.110 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VD078146.D

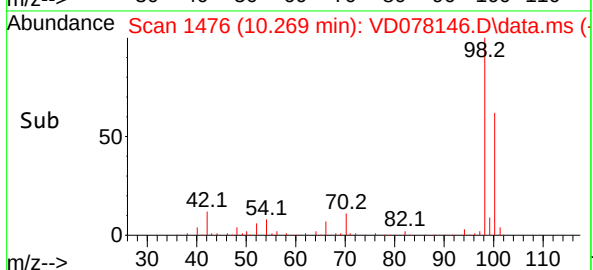
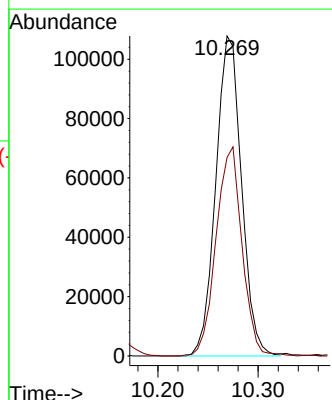
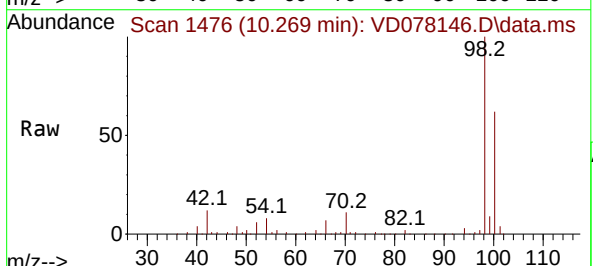
Acq: 11 Jan 2024 11:33

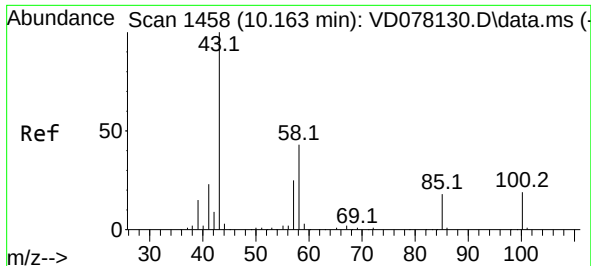
Tgt Ion: 98 Resp: 192037

Ion Ratio Lower Upper

98 100

100 66.0 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 103.058 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

Instrument :

MSVOA_D

ClientSampleId :

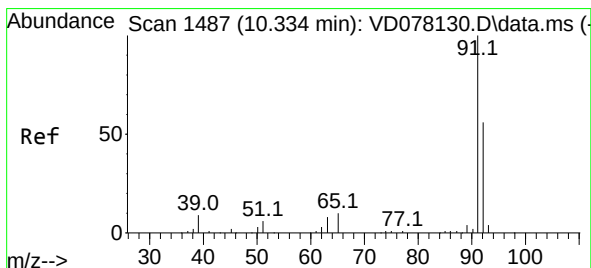
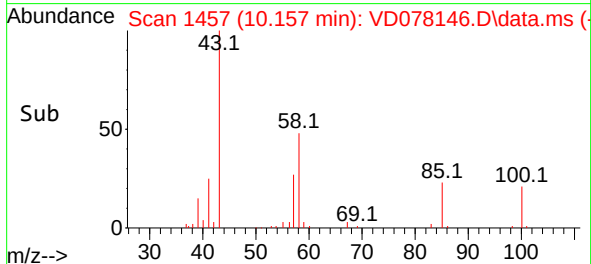
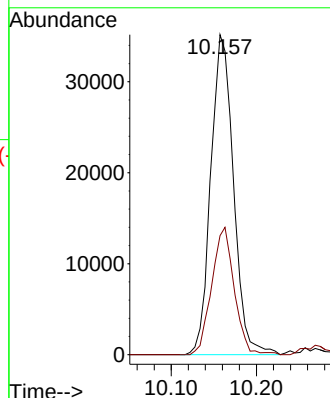
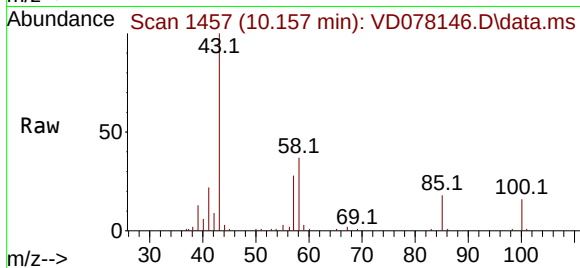
VD0111SBSD01

Tgt Ion: 43 Resp: 65105

Ion Ratio Lower Upper

43 100

58 39.6 38.9 58.3



#52

Toluene

Concen: 21.493 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078146.D

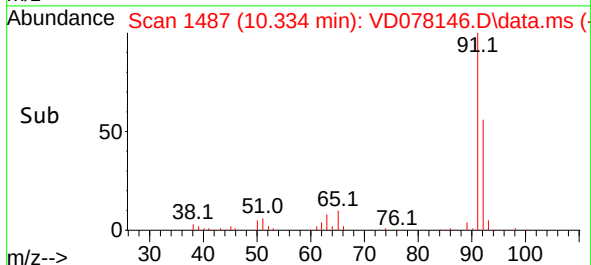
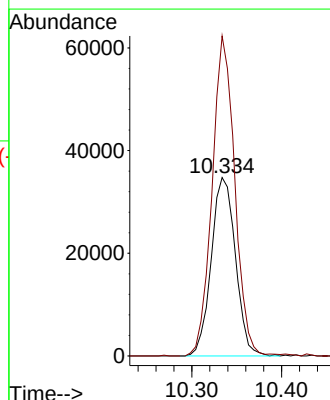
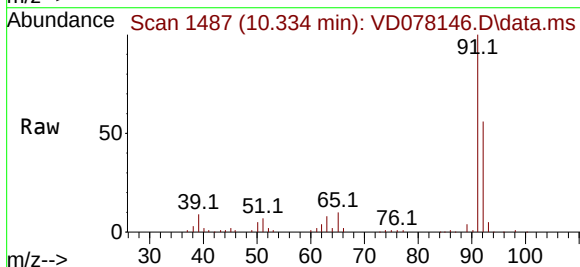
Acq: 11 Jan 2024 11:33

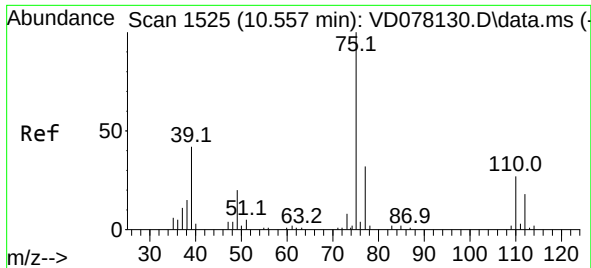
Tgt Ion: 92 Resp: 65113

Ion Ratio Lower Upper

92 100

91 168.4 143.0 214.4

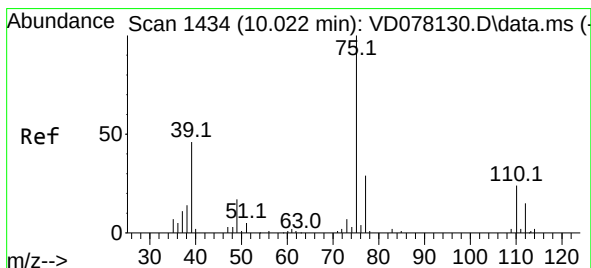
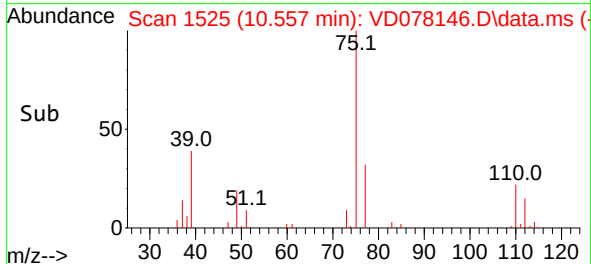
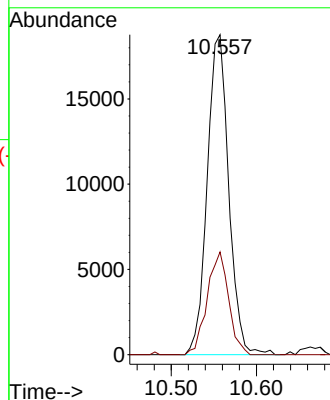
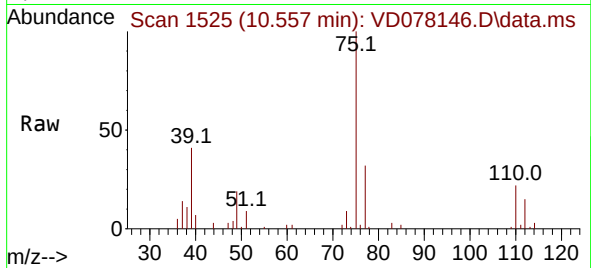




#53
t-1,3-Dichloropropene
Concen: 20.382 ug/l
RT: 10.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

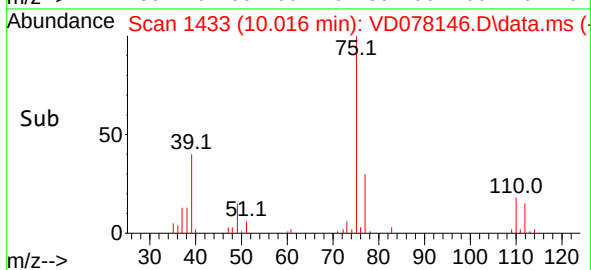
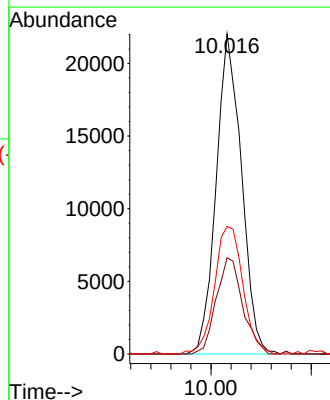
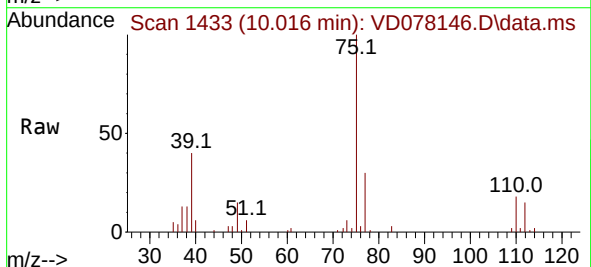
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

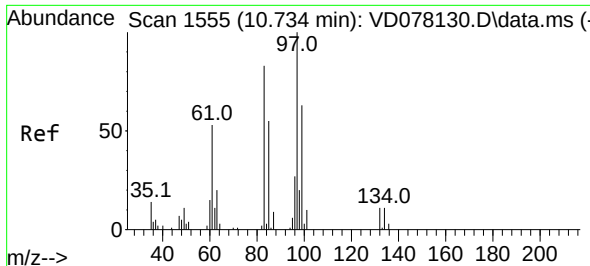
Tgt Ion: 75 Resp: 32917
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.910 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.006 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion: 75 Resp: 38530
Ion Ratio Lower Upper
75 100
77 30.1 25.5 38.3
39 39.9 22.1 33.1#

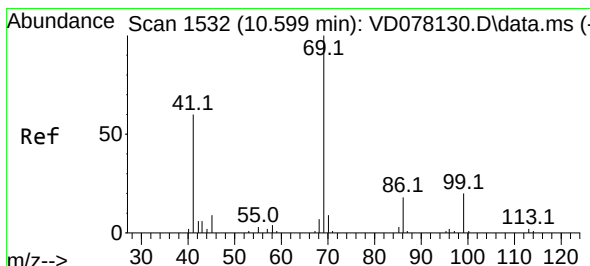
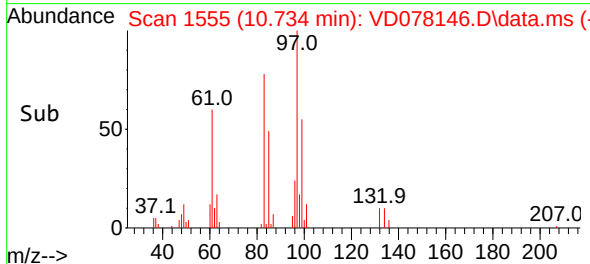
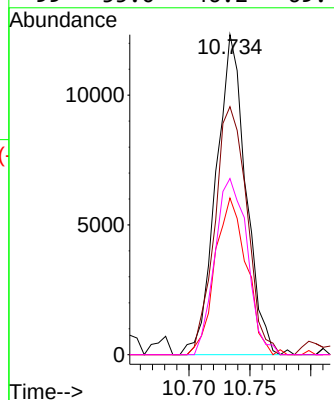
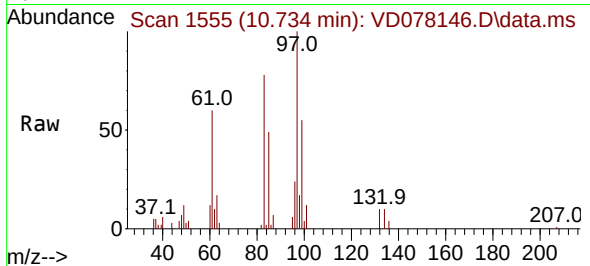




#55
1,1,2-Trichloroethane
Concen: 21.887 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

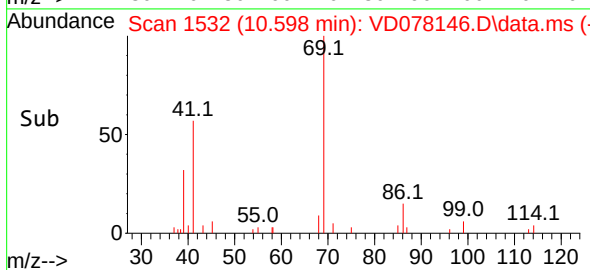
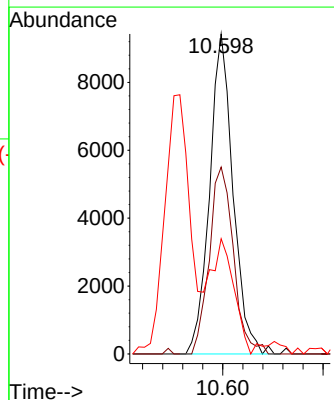
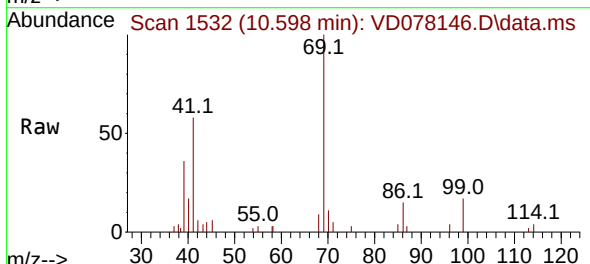
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

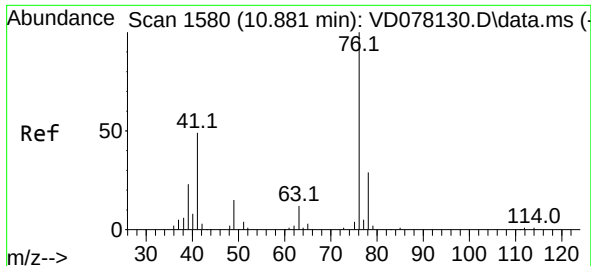
Tgt Ion: 97	Resp: 21011
Ion Ratio	Lower Upper
97 100	
83 77.5	65.8 98.6
85 49.0	45.7 68.5
99 55.0	46.2 69.4



#56
Ethyl methacrylate
Concen: 20.453 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion: 69	Resp: 15302
Ion Ratio	Lower Upper
69 100	
41 60.4	39.1 58.7#
39 34.8	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 21.646 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

Instrument :

MSVOA_D

ClientSampleId :

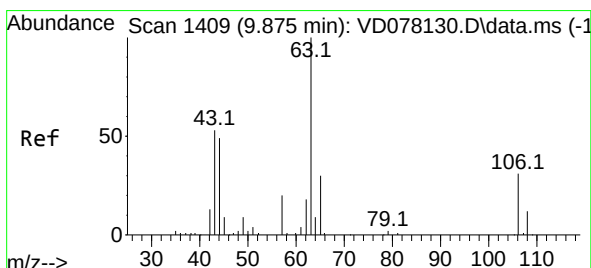
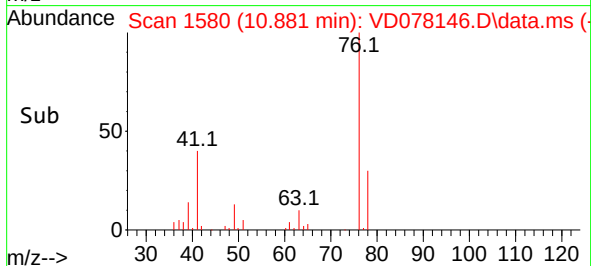
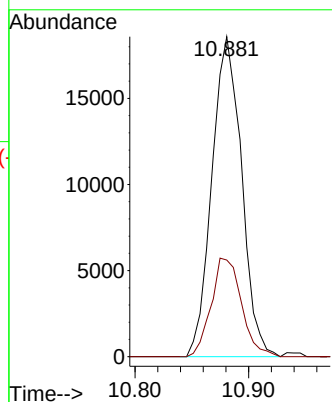
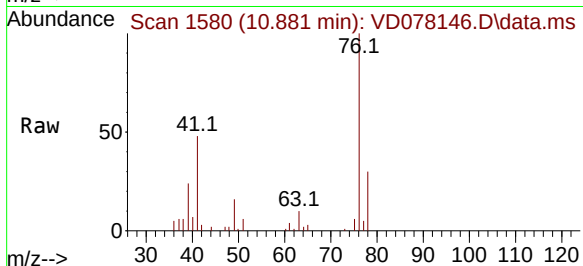
VD0111SBSD01

Tgt Ion: 76 Resp: 33727

Ion Ratio Lower Upper

76 100

78 31.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 93.323 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.006 min

Lab File: VD078146.D

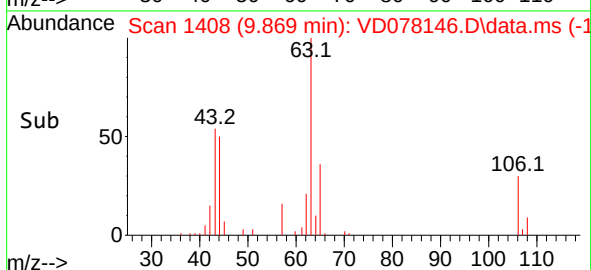
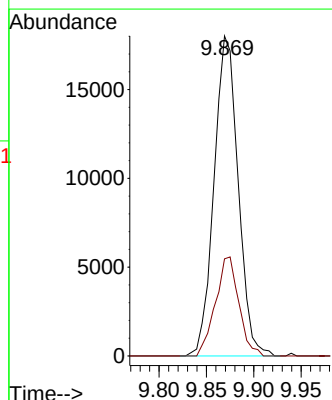
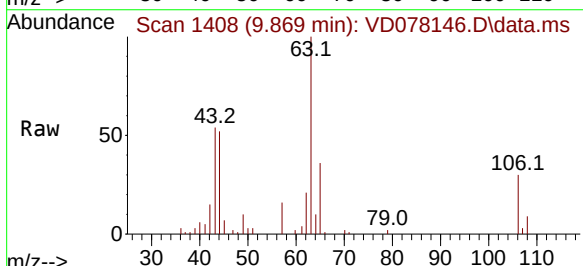
Acq: 11 Jan 2024 11:33

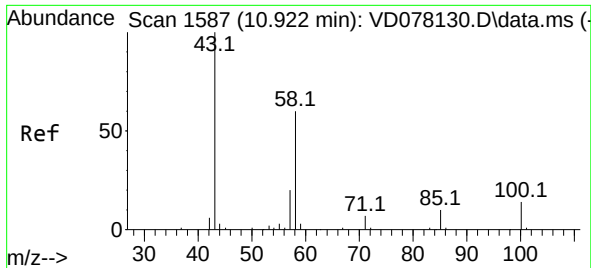
Tgt Ion: 63 Resp: 31880

Ion Ratio Lower Upper

63 100

106 30.0 25.3 37.9

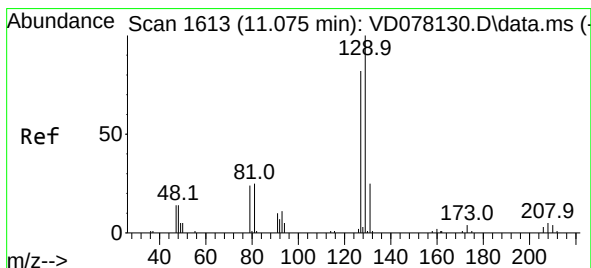
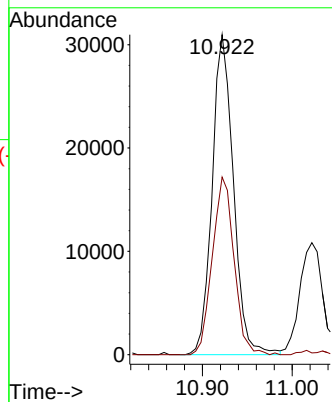
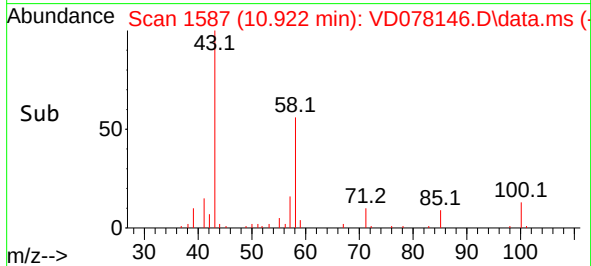
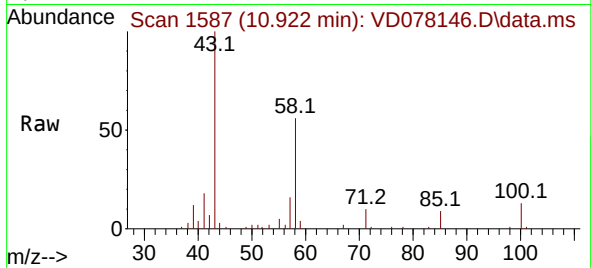




#59
2-Hexanone
Concen: 107.362 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

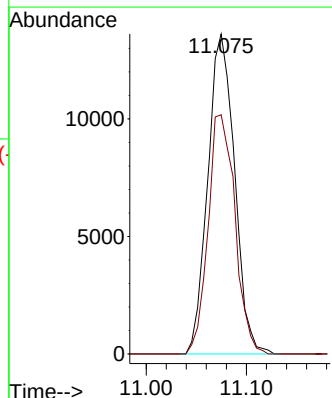
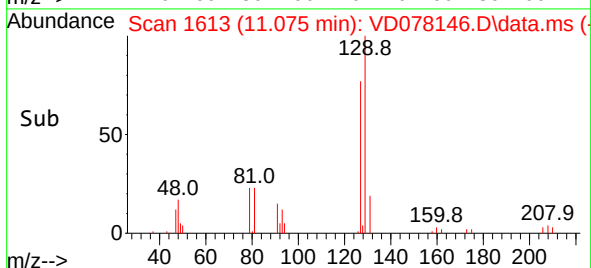
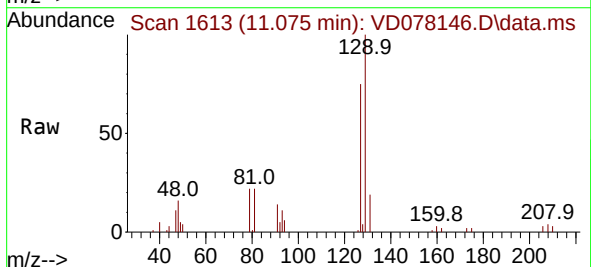
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

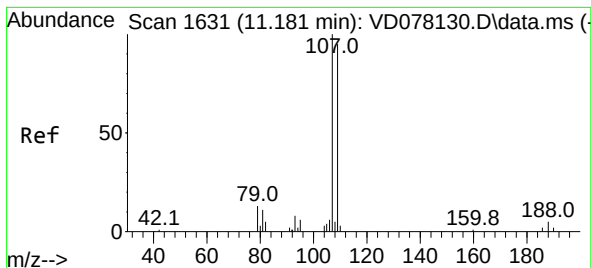
Tgt Ion: 43 Resp: 50994
Ion Ratio Lower Upper
43 100
58 56.7 34.1 102.2



#60
Dibromochloromethane
Concen: 20.835 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion: 129 Resp: 25273
Ion Ratio Lower Upper
129 100
127 75.0 37.1 111.5





#61

1,2-Dibromoethane

Concen: 19.861 ug/l

RT: 11.187 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

Instrument :

MSVOA_D

ClientSampleId :

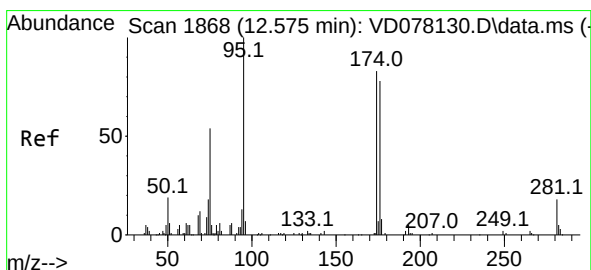
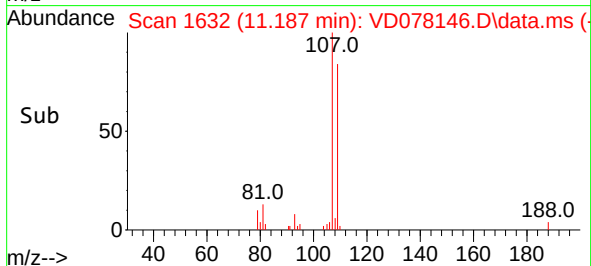
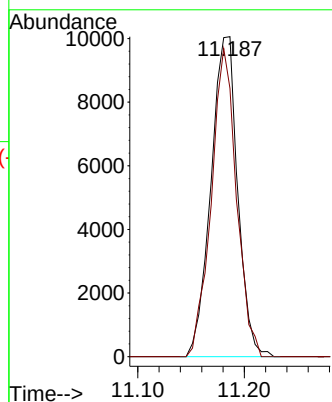
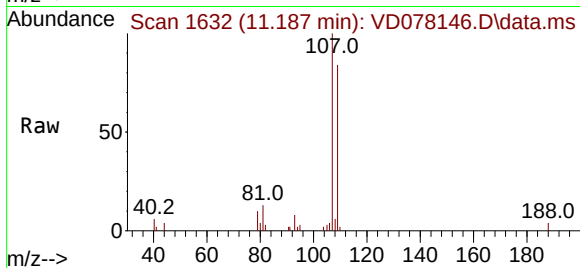
VD0111SBSD01

Tgt Ion:107 Resp: 17554

Ion Ratio Lower Upper

107 100

109 90.7 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 43.797 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

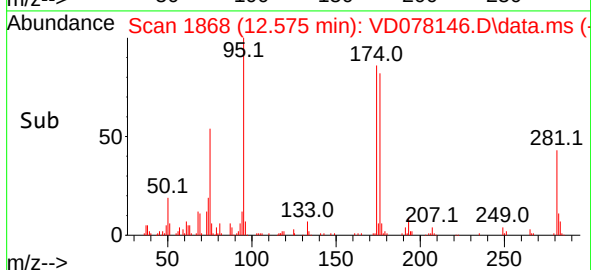
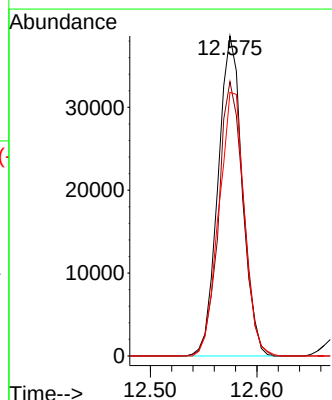
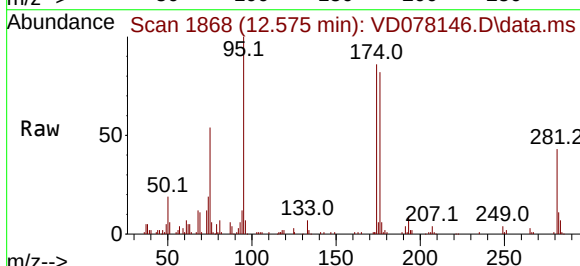
Tgt Ion: 95 Resp: 60857

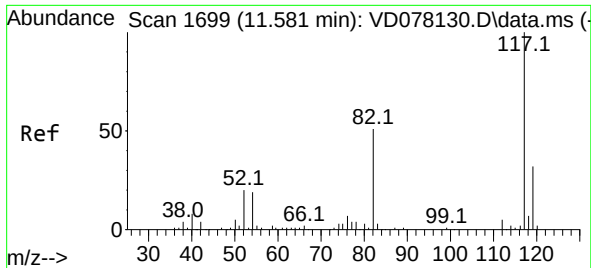
Ion Ratio Lower Upper

95 100

174 87.8 0.0 201.8

176 86.5 0.0 191.8

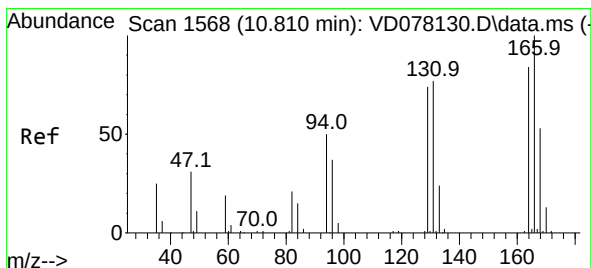
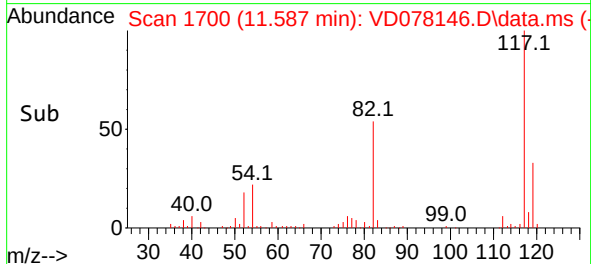
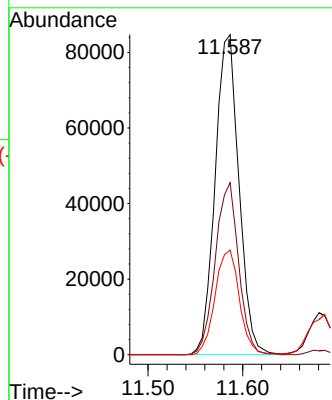
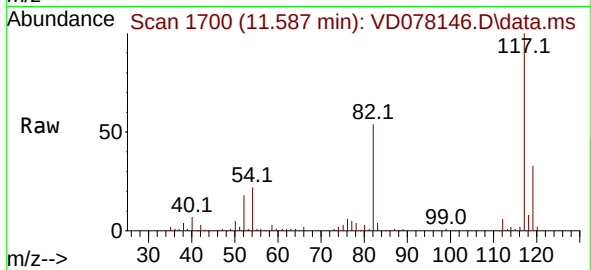




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

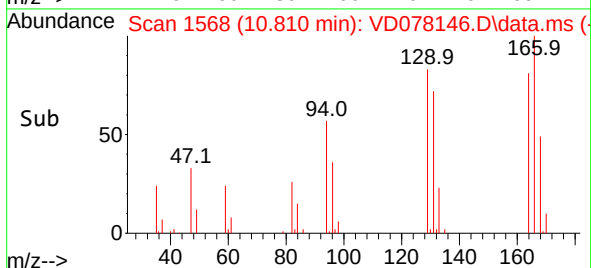
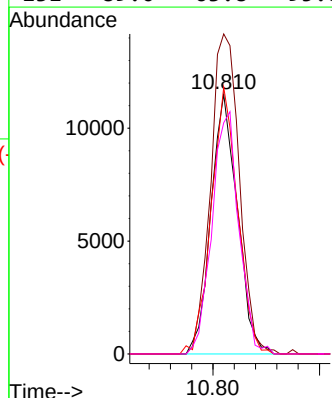
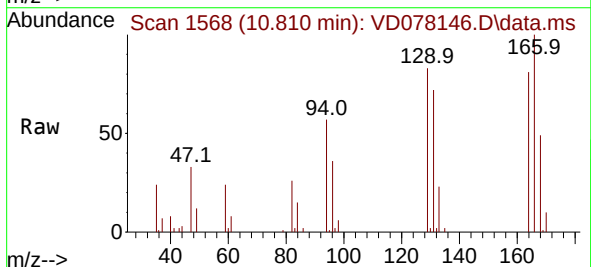
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

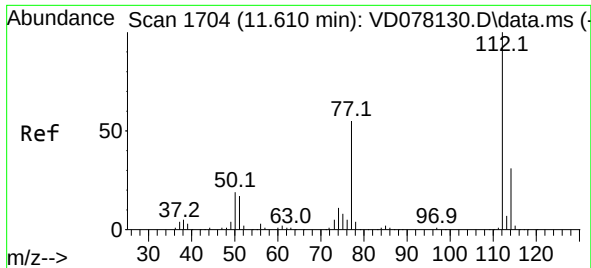
Tgt Ion:117 Resp: 147828
Ion Ratio Lower Upper
117 100
82 53.8 38.3 57.5
119 32.7 25.0 37.4



#64
Tetrachloroethene
Concen: 19.812 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion:164 Resp: 19830
Ion Ratio Lower Upper
164 100
166 123.2 99.2 148.8
129 102.7 68.4 102.6#
131 89.0 63.8 95.8

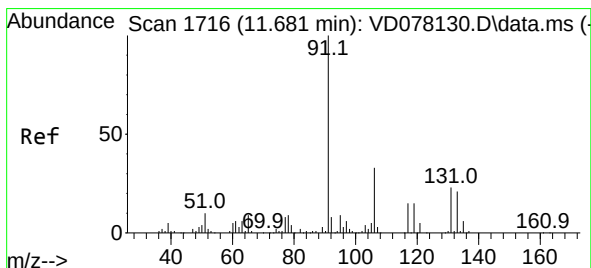
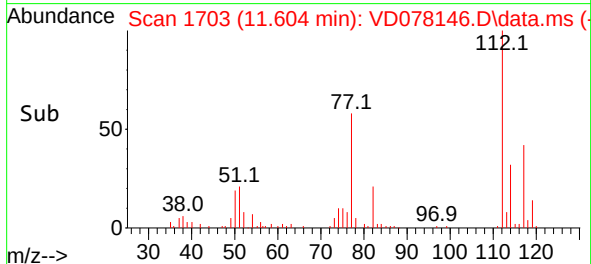
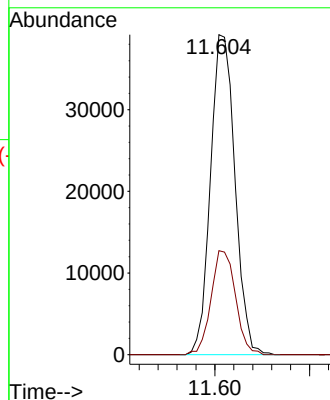
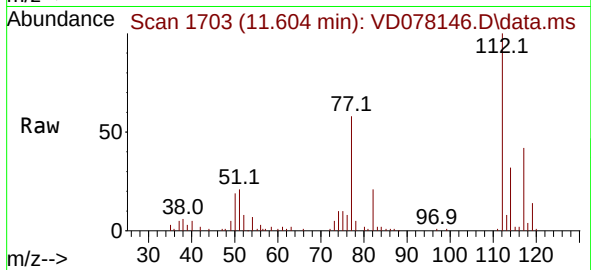




#65
Chlorobenzene
Concen: 20.655 ug/l
RT: 11.604 min Scan# 111
Delta R.T. -0.006 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

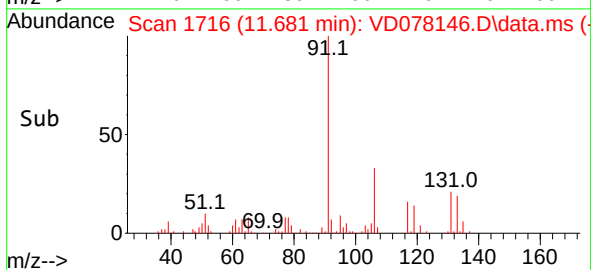
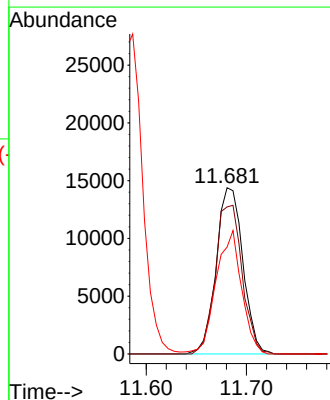
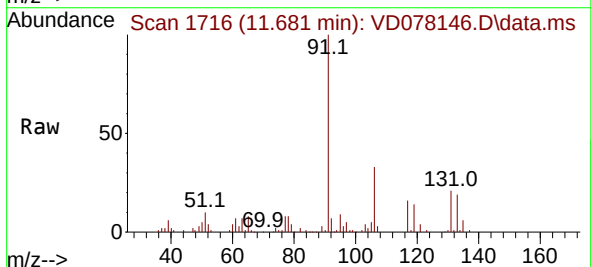
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

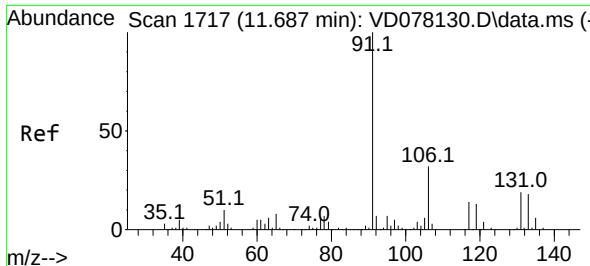
Tgt Ion:112 Resp: 70253
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.119 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion:131 Resp: 26581
Ion Ratio Lower Upper
131 100
133 90.1 48.5 145.5
119 71.0 35.6 106.9

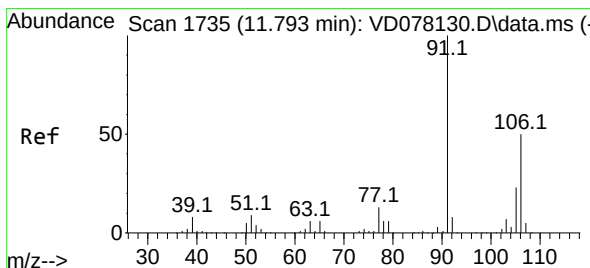
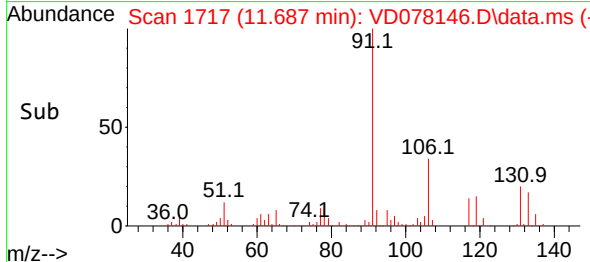
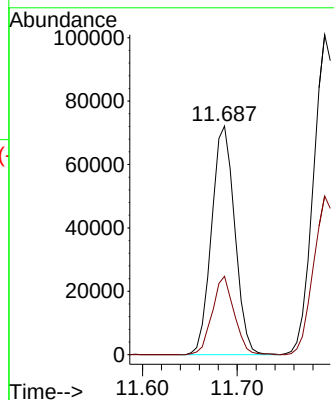
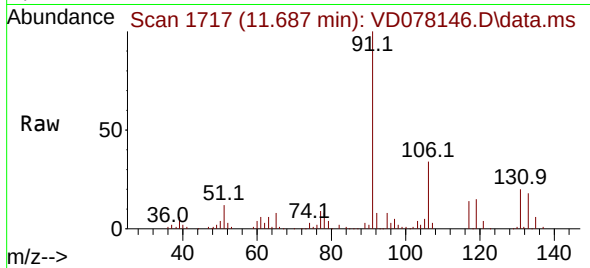




#67
Ethyl Benzene
Concen: 20.512 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

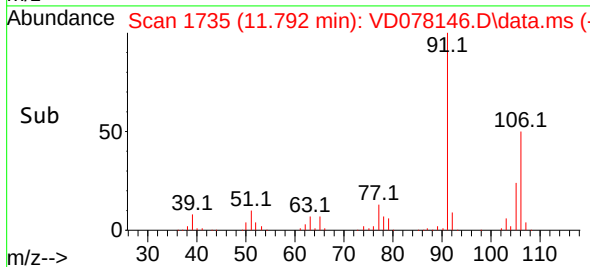
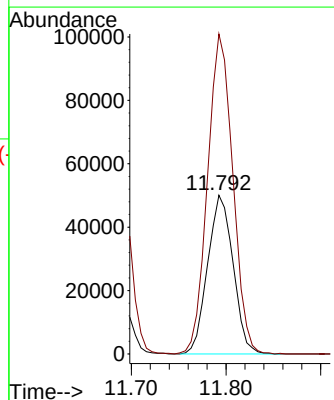
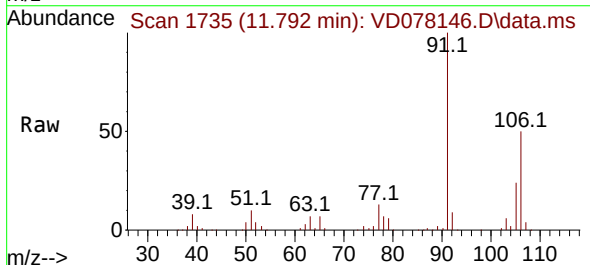
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

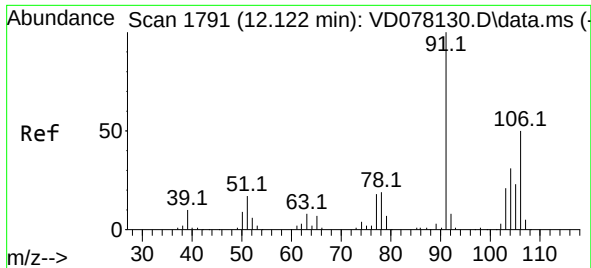
Tgt Ion: 91 Resp: 122520
Ion Ratio Lower Upper
91 100
106 34.3 26.5 39.7



#68
m/p-Xylenes
Concen: 40.645 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion: 106 Resp: 93580
Ion Ratio Lower Upper
106 100
91 200.1 147.0 220.6

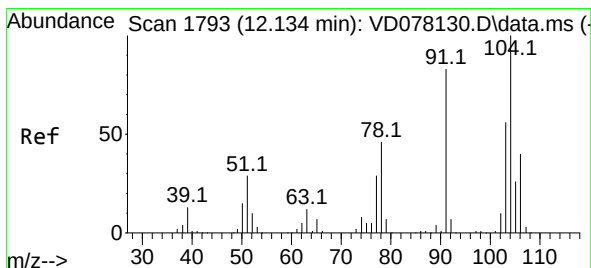
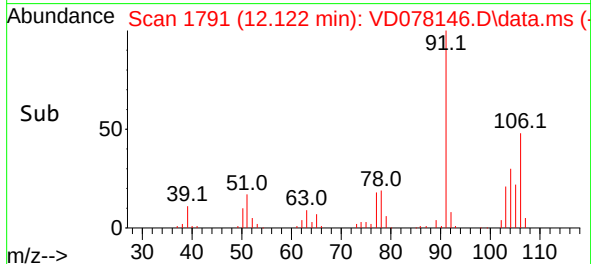
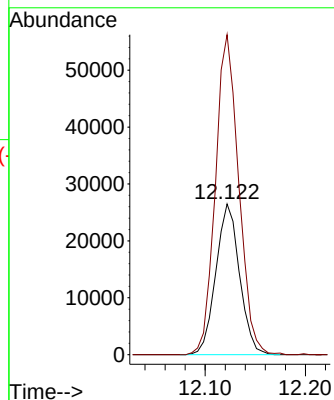
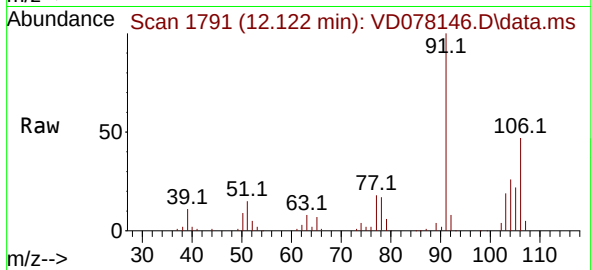




#69
o-Xylene
Concen: 20.326 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

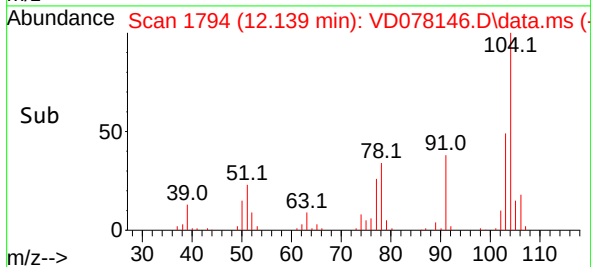
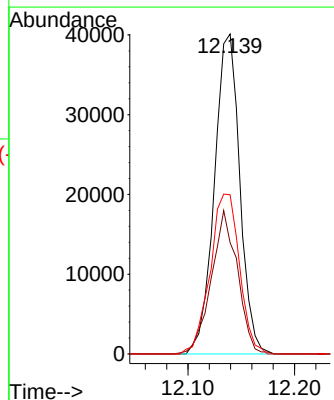
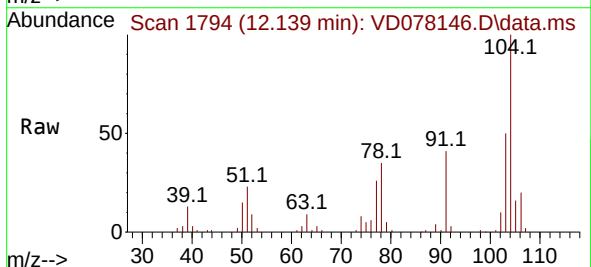
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

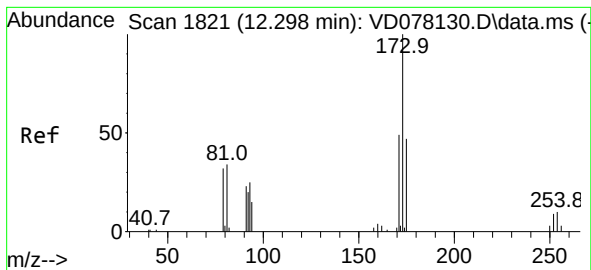
Tgt Ion:106 Resp: 43336
Ion Ratio Lower Upper
106 100
91 209.3 97.9 293.6



#70
Styrene
Concen: 20.506 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion:104 Resp: 66463
Ion Ratio Lower Upper
104 100
78 46.1 33.2 49.8
103 57.7 43.6 65.4





#71

Bromoform

Concen: 20.652 ug/l

RT: 12.304 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBSD01

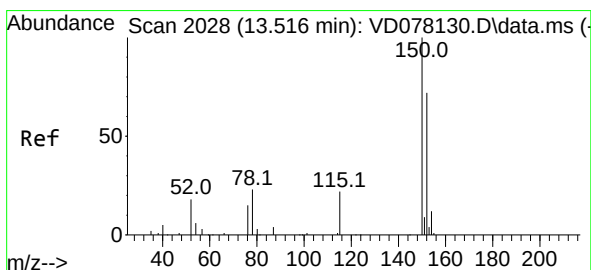
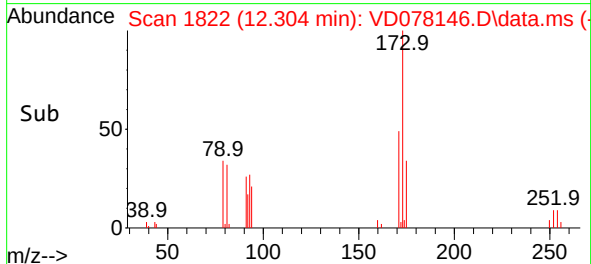
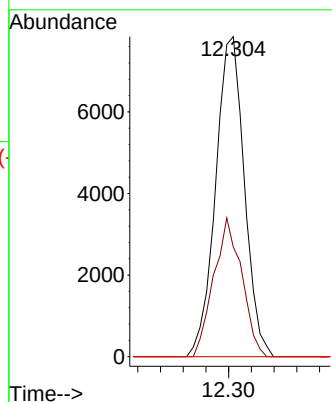
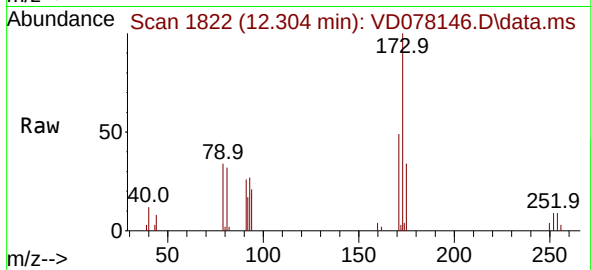
Tgt Ion:173 Resp: 13791

Ion Ratio Lower Upper

173 100

175 42.2 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

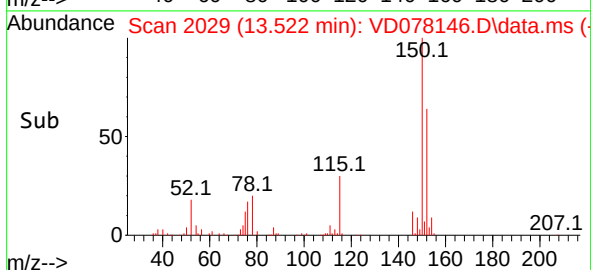
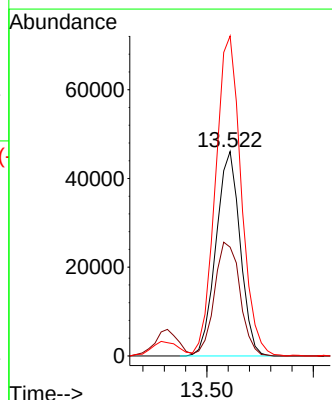
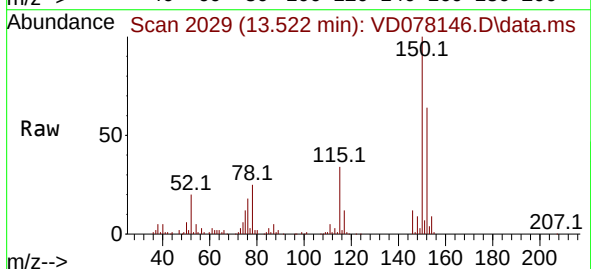
Tgt Ion:152 Resp: 72424

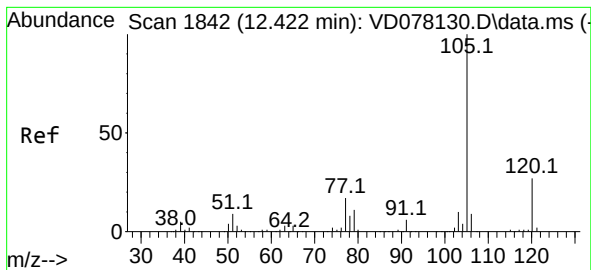
Ion Ratio Lower Upper

152 100

115 58.9 27.1 81.3

150 166.7 0.0 353.6





#73

Isopropylbenzene

Concen: 20.905 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

Instrument :

MSVOA_D

ClientSampleId :

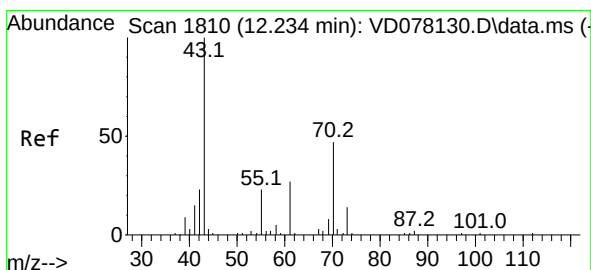
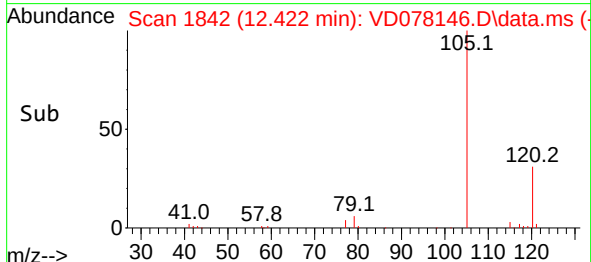
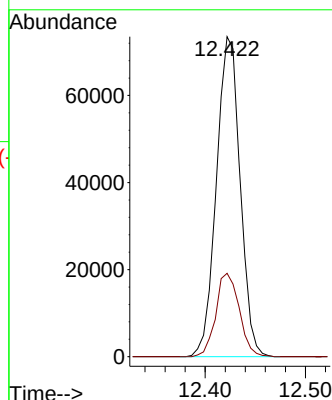
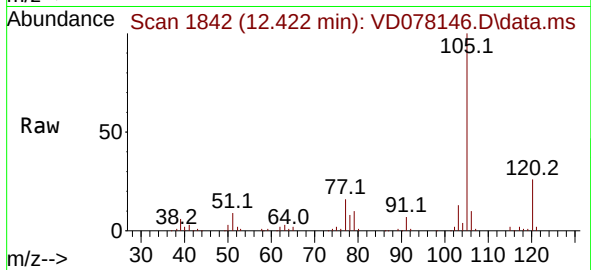
VD0111SBSD01

Tgt Ion:105 Resp: 120386

Ion Ratio Lower Upper

105 100

120 25.7 14.3 42.9



#74

N-ethyl acetate

Concen: 20.977 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

Tgt Ion: 43 Resp: 22093

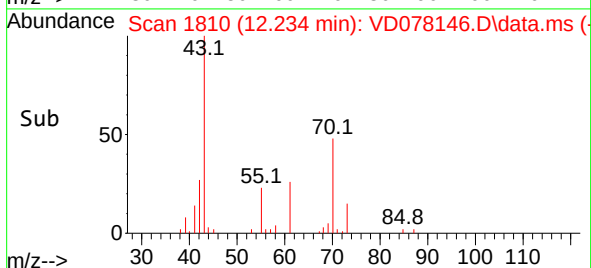
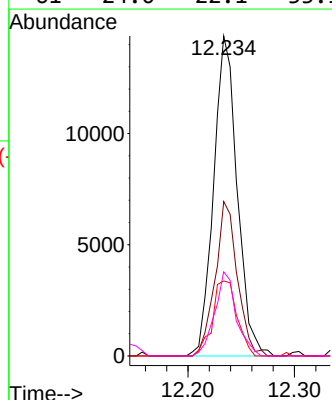
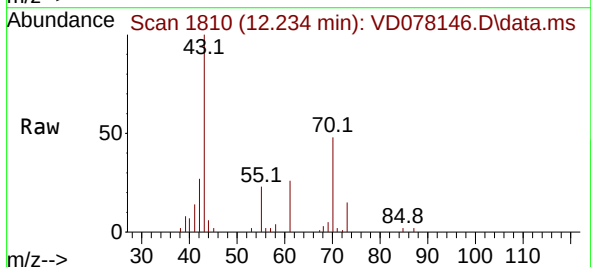
Ion Ratio Lower Upper

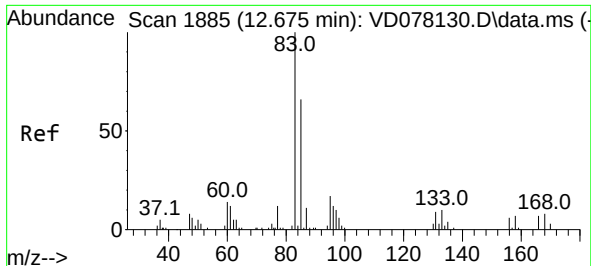
43 100

70 45.3 45.0 67.4

55 24.4 23.8 35.6

61 24.0 22.1 33.1

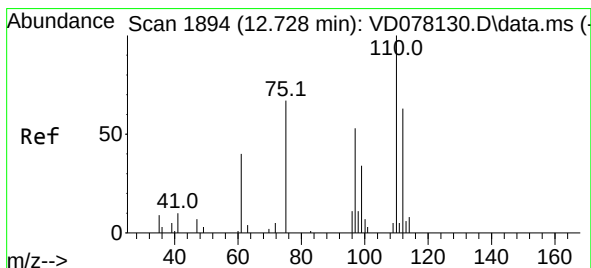
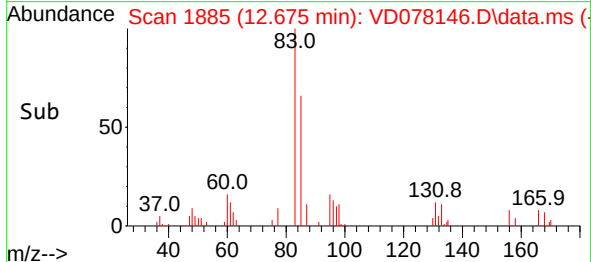
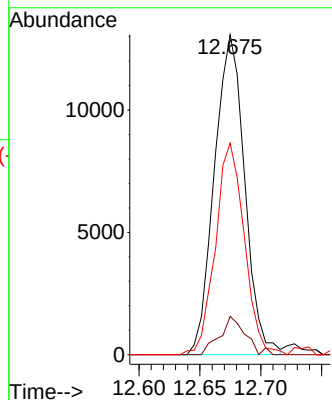
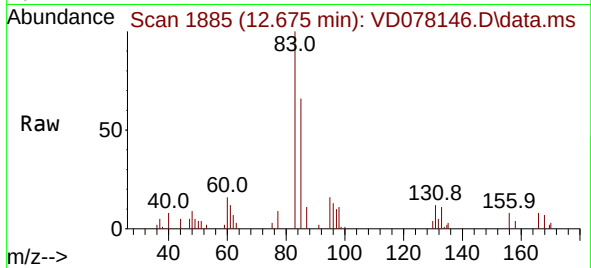




#75
1,1,2,2-Tetrachloroethane
Concen: 20.863 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

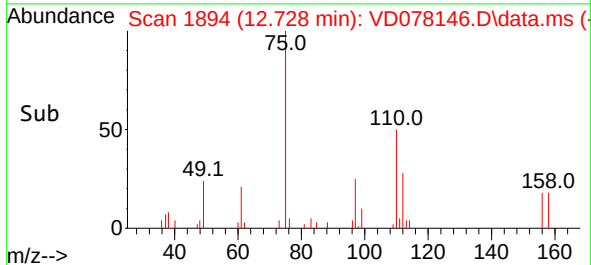
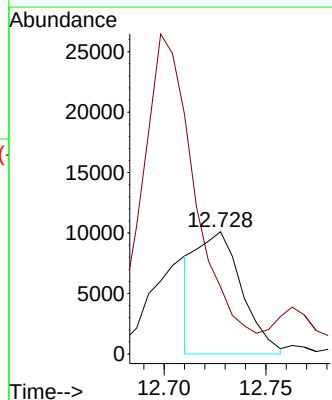
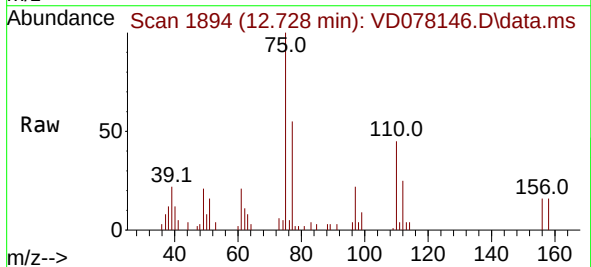
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

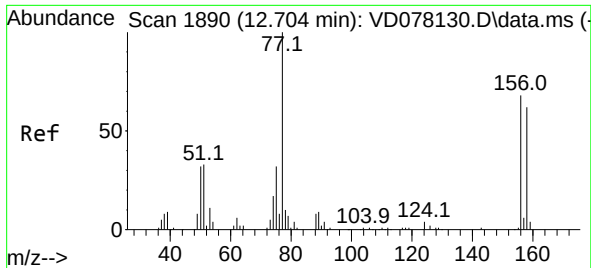
Tgt Ion: 83 Resp: 22607
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 63.1 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 22.278 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion: 75 Resp: 15885
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

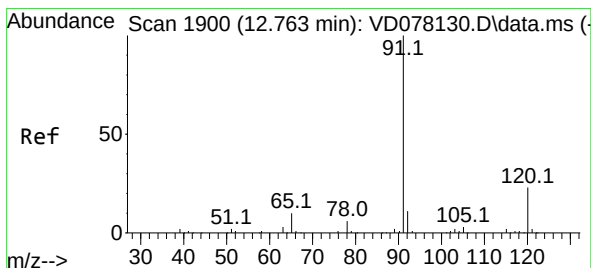
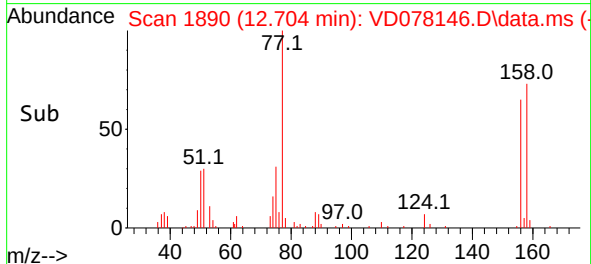
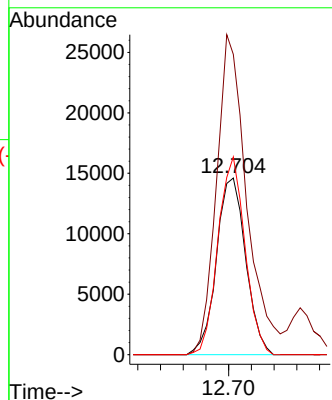
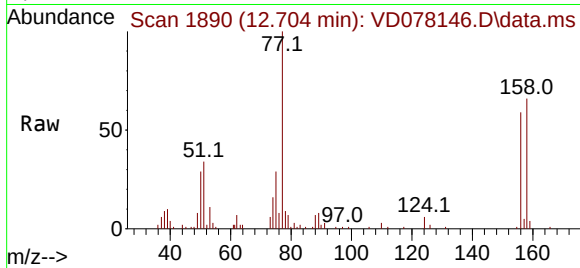




#77
Bromobenzene
Concen: 19.753 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

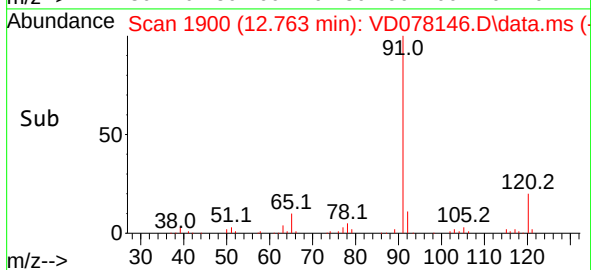
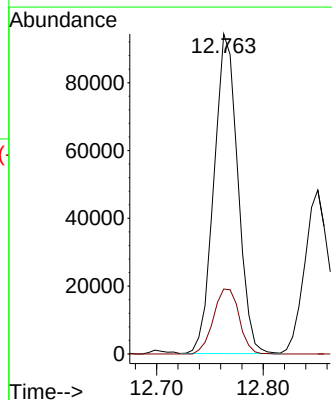
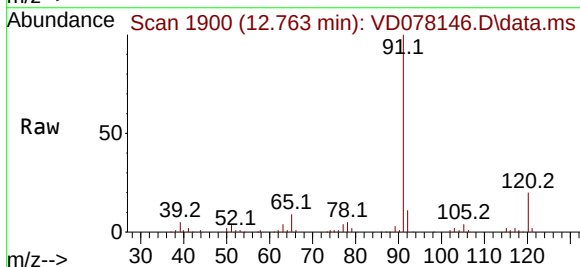
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

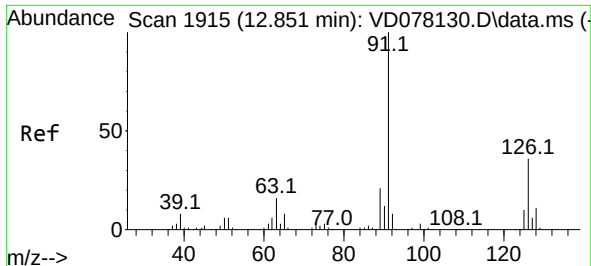
Tgt Ion:	156	Resp:	26130
Ion Ratio	Lower	Upper	
156	100		
77	187.3	76.8	230.4
158	103.7	48.6	145.9



#78
n-propylbenzene
Concen: 21.002 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion:	91	Resp:	146599
Ion Ratio	Lower	Upper	
91	100		
120	21.8	12.4	37.2

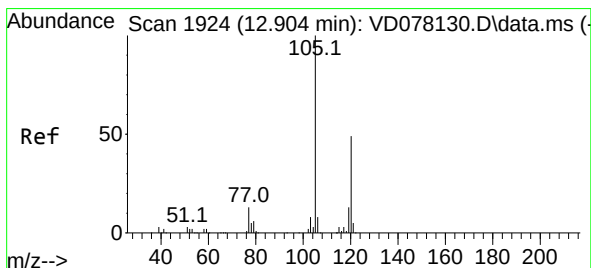
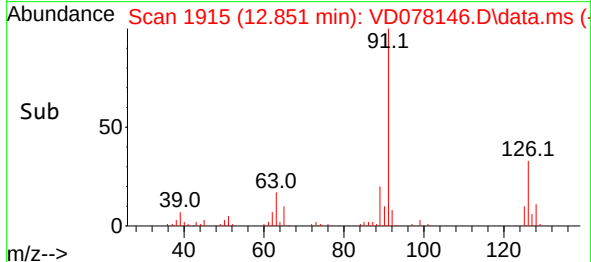
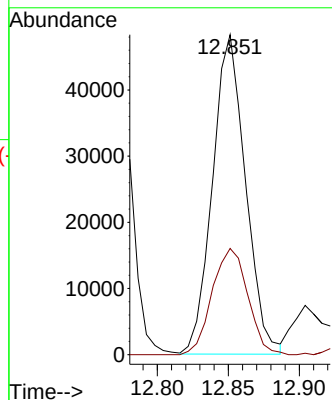
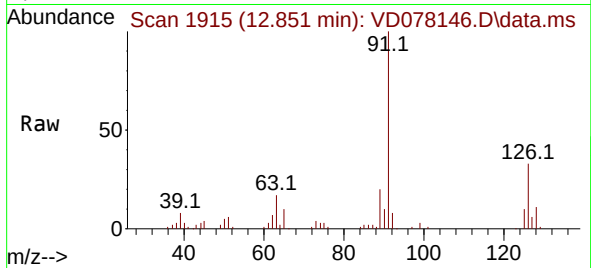




#79
2-Chlorotoluene
Concen: 21.008 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

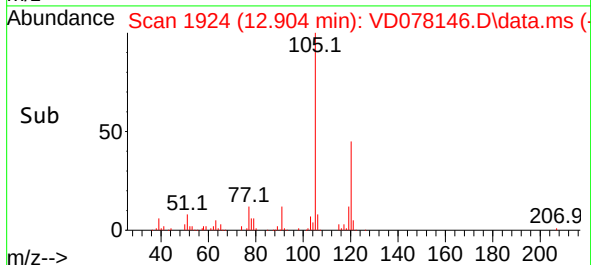
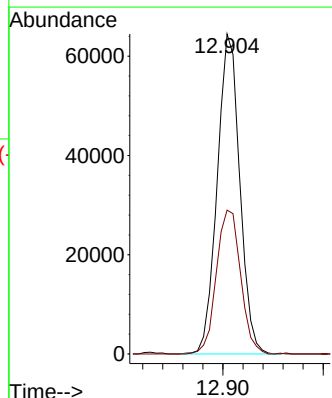
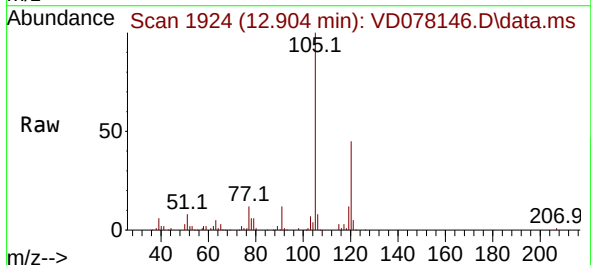
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

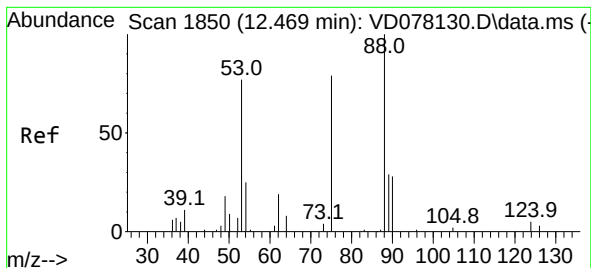
Tgt Ion: 91 Resp: 78022
Ion Ratio Lower Upper
91 100
126 35.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 21.033 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion: 105 Resp: 100520
Ion Ratio Lower Upper
105 100
120 48.3 26.4 79.2

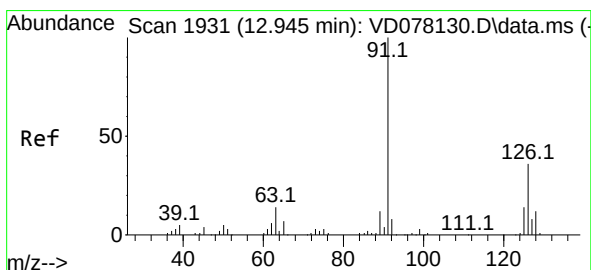
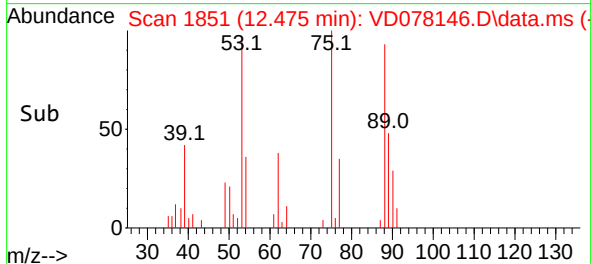
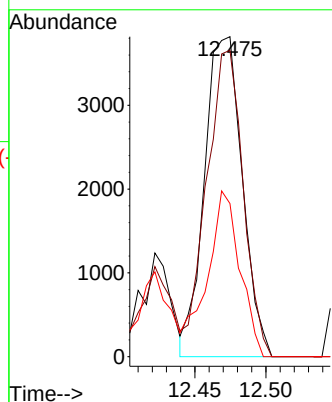
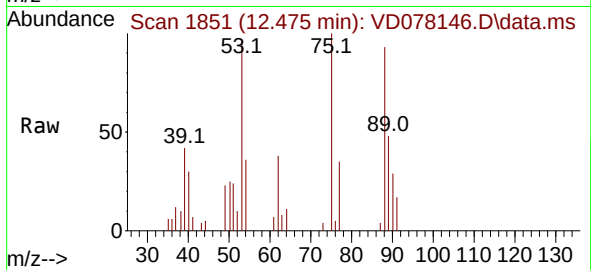




#81
trans-1,4-Dichloro-2-butene
Concen: 22.103 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

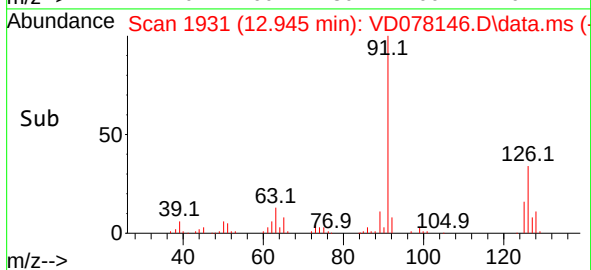
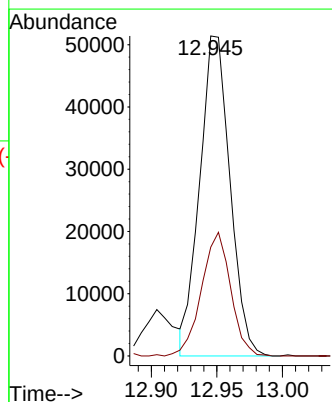
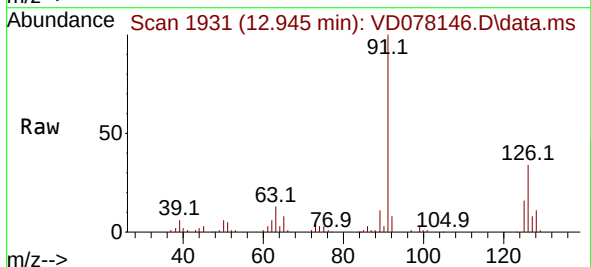
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

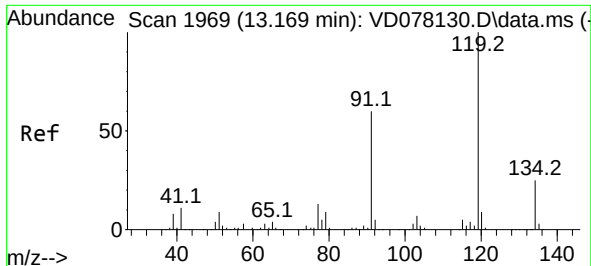
Tgt Ion: 75 Resp: 7072
Ion Ratio Lower Upper
75 100
53 92.3 63.0 94.4
89 44.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.714 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion: 91 Resp: 82747
Ion Ratio Lower Upper
91 100
126 37.2 19.4 58.4

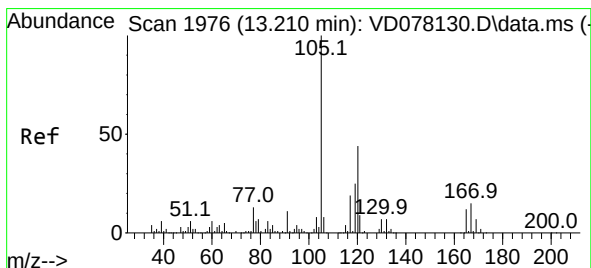
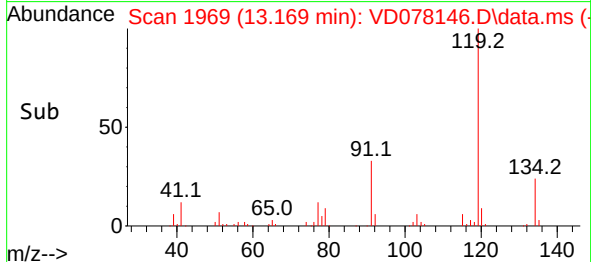
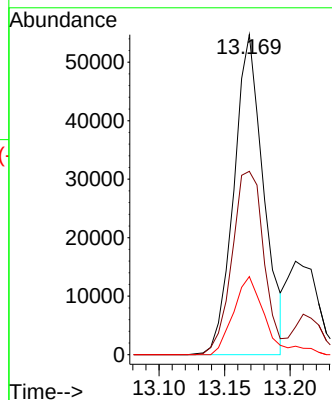
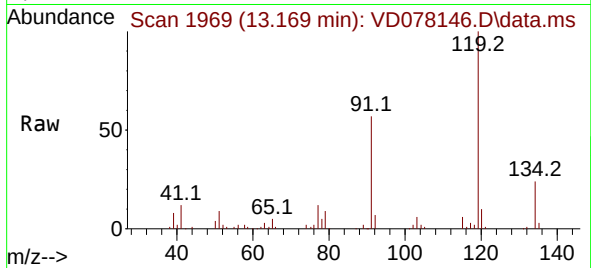




#83
tert-Butylbenzene
Concen: 20.598 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

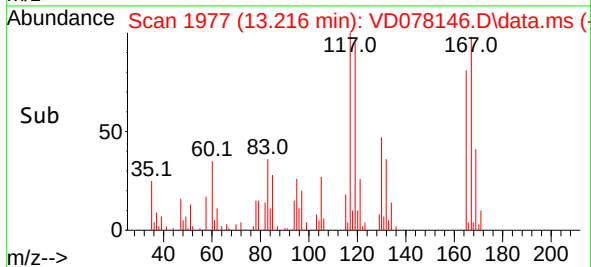
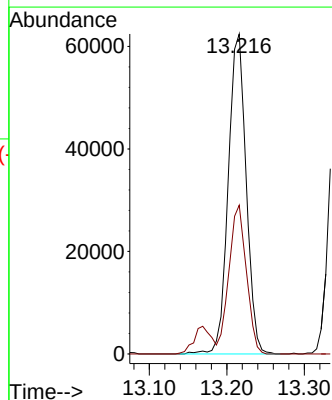
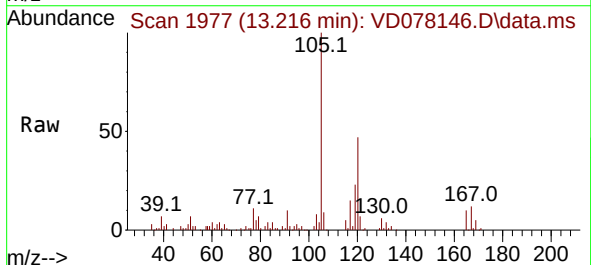
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

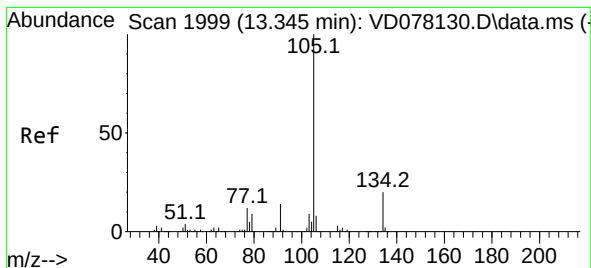
Tgt Ion:119 Resp: 86186
Ion Ratio Lower Upper
119 100
91 61.3 29.3 87.8
134 26.3 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 21.147 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion:105 Resp: 100337
Ion Ratio Lower Upper
105 100
120 45.4 24.3 72.9





#85

sec-Butylbenzene

Concen: 21.055 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

Instrument :

MSVOA_D

ClientSampleId :

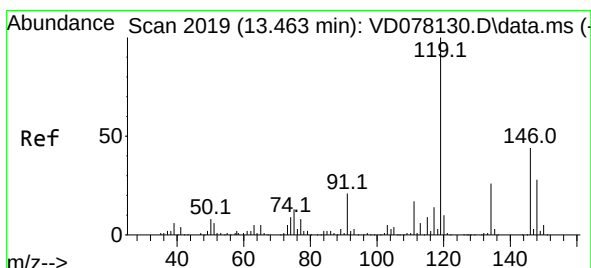
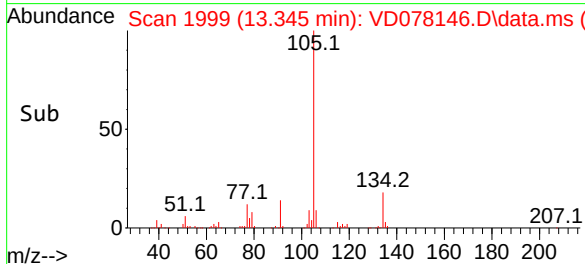
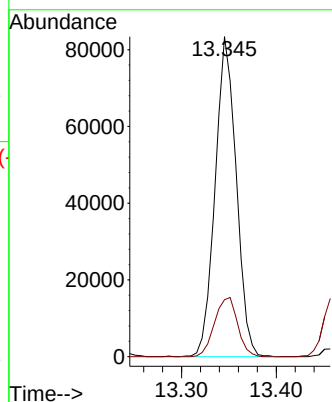
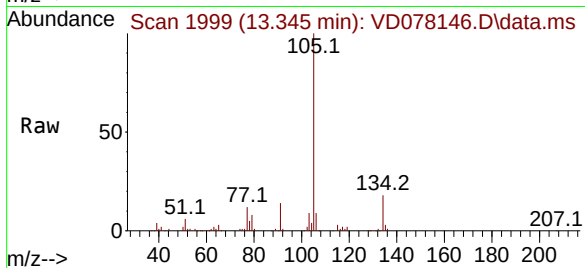
VD0111SBSD01

Tgt Ion:105 Resp: 129077

Ion Ratio Lower Upper

105 100

134 20.2 10.9 32.9



#86

p-Isopropyltoluene

Concen: 20.248 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

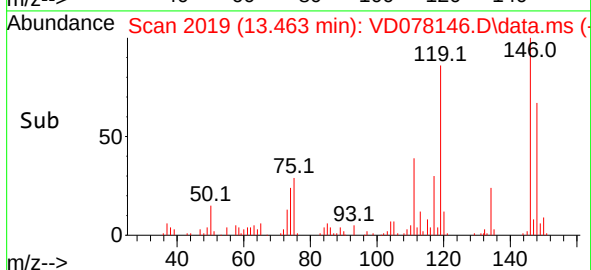
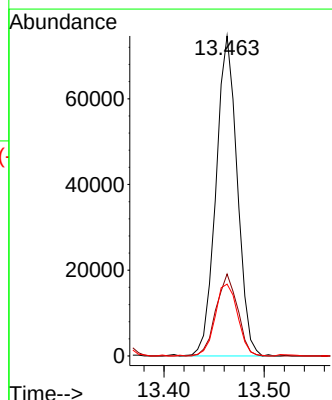
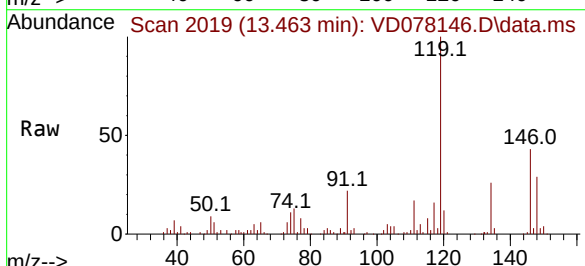
Tgt Ion:119 Resp: 109908

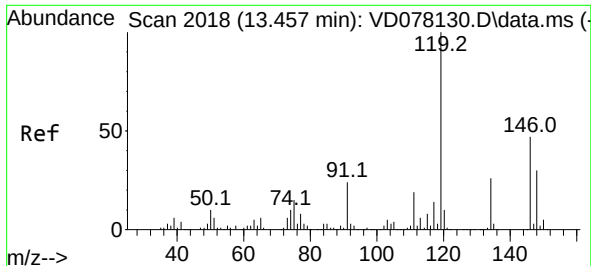
Ion Ratio Lower Upper

119 100

134 26.1 14.2 42.6

91 23.9 10.5 31.5

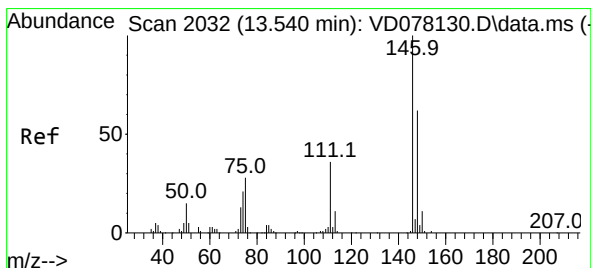
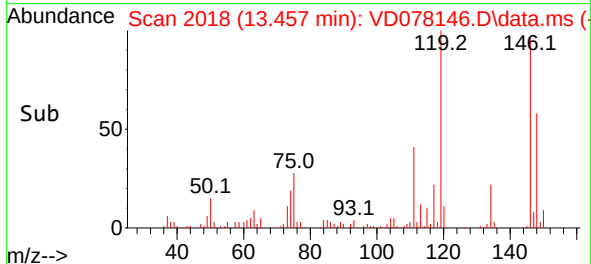
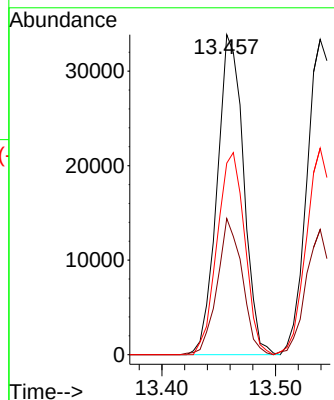
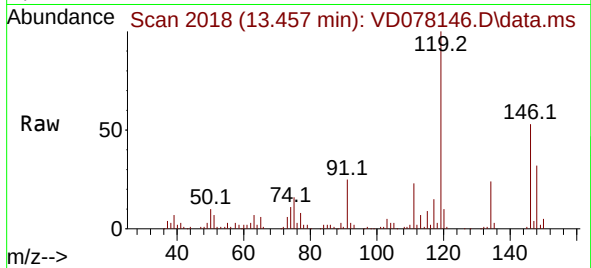




#87
1,3-Dichlorobenzene
Concen: 19.992 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

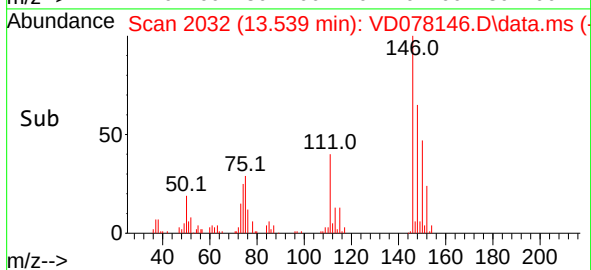
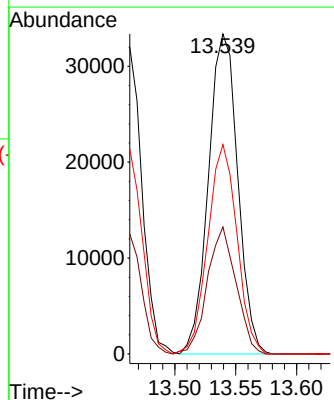
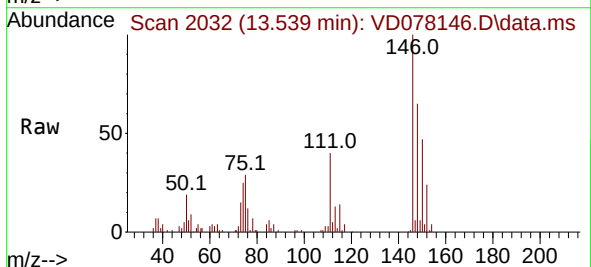
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

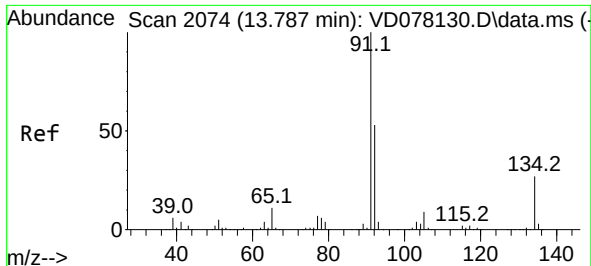
Tgt Ion:146 Resp: 54871
Ion Ratio Lower Upper
146 100
111 40.2 17.9 53.8
148 65.8 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.664 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion:146 Resp: 56022
Ion Ratio Lower Upper
146 100
111 38.9 17.4 52.3
148 65.1 31.7 95.1

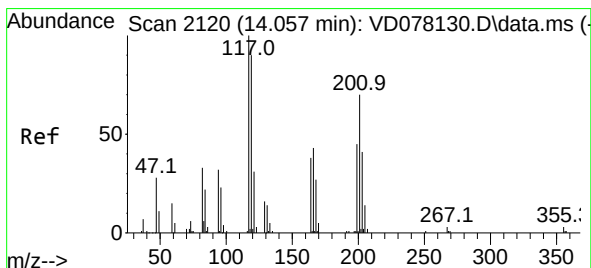
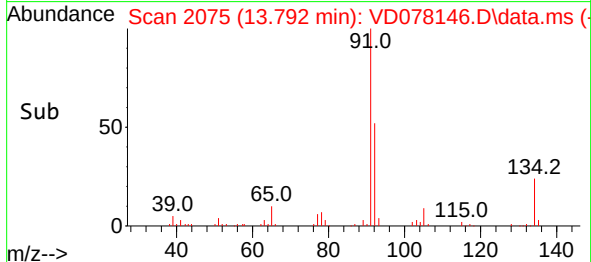
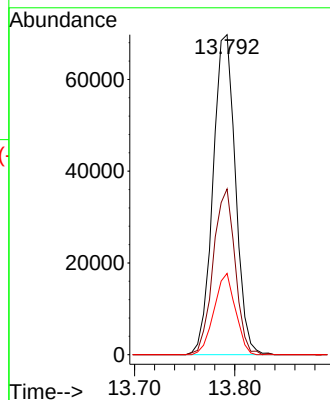
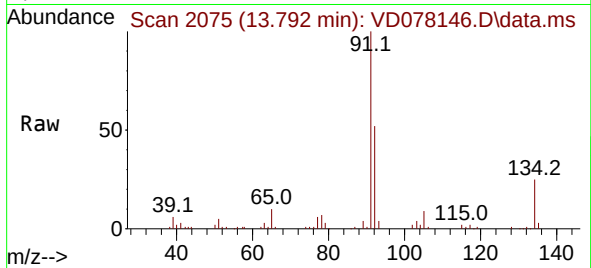




#89
n-Butylbenzene
Concen: 21.027 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.006 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

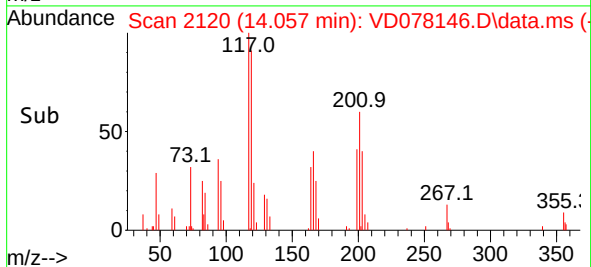
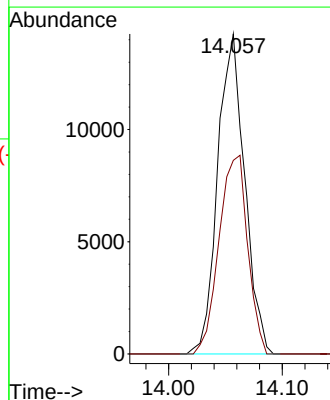
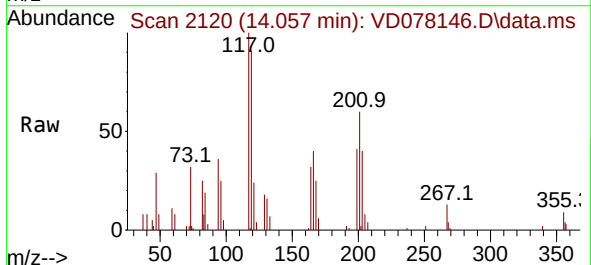
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

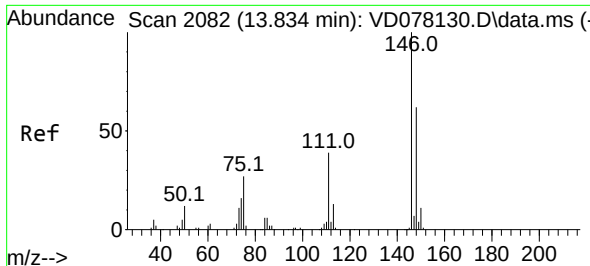
Tgt Ion: 91 Resp: 108386
Ion Ratio Lower Upper
91 100
92 50.7 26.5 79.5
134 24.2 13.8 41.3



#90
Hexachloroethane
Concen: 21.091 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion: 117 Resp: 23530
Ion Ratio Lower Upper
117 100
201 65.8 38.5 115.5

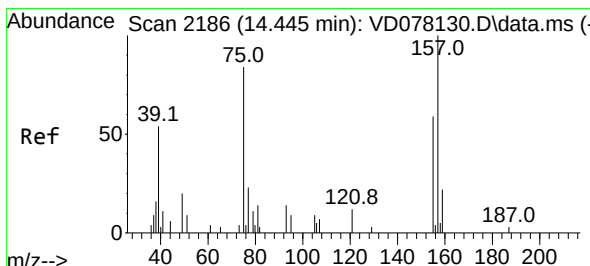
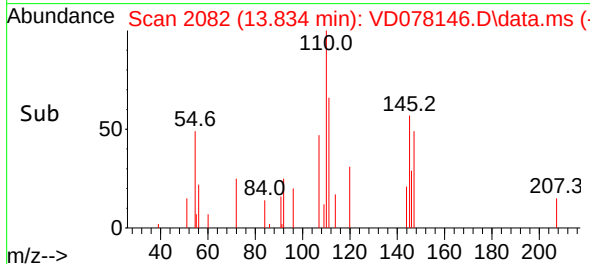
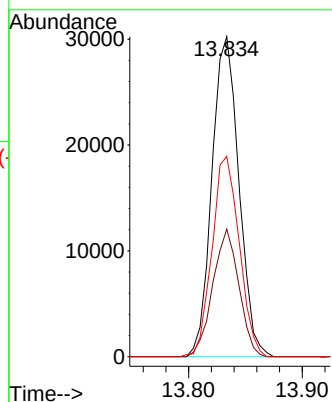
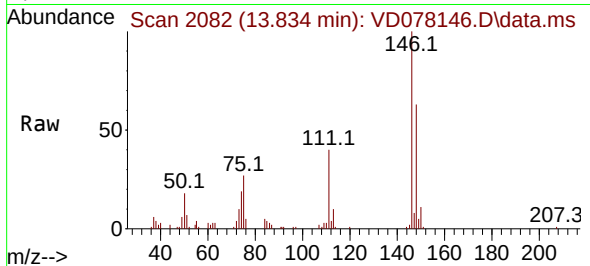




#91
1,2-Dichlorobenzene
Concen: 21.031 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

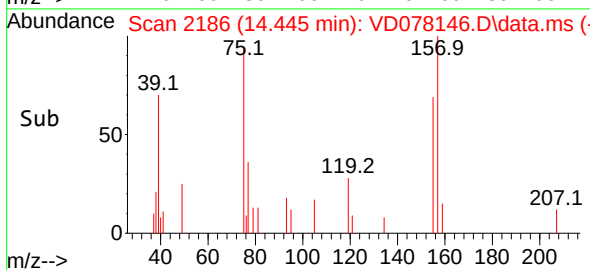
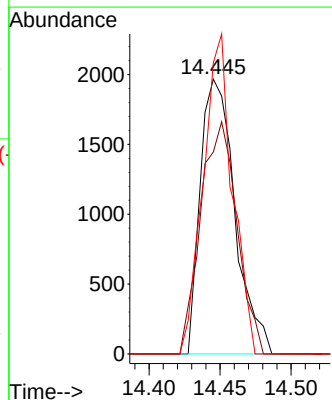
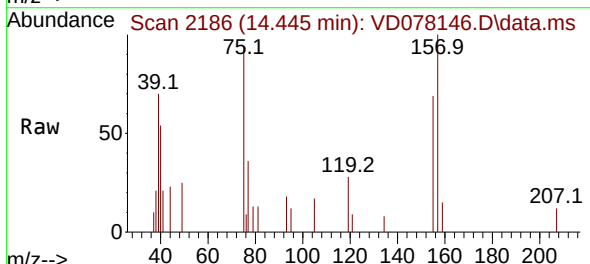
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

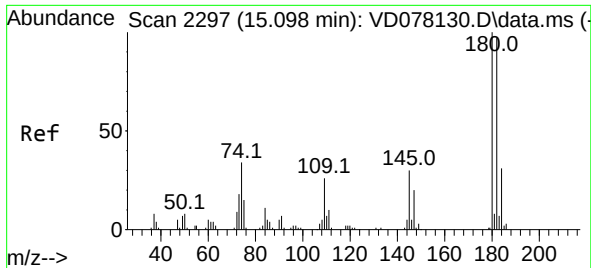
Tgt Ion:146 Resp: 49793
Ion Ratio Lower Upper
146 100
111 38.6 18.3 54.8
148 63.2 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.638 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion: 75 Resp: 3324
Ion Ratio Lower Upper
75 100
155 88.7 47.9 143.8
157 99.3 59.9 179.7

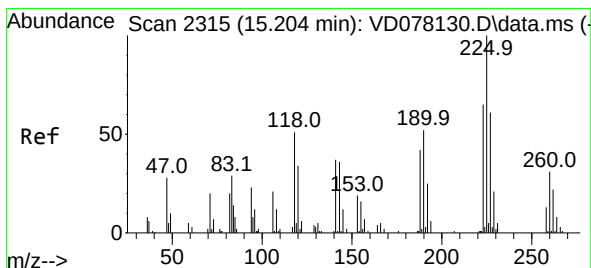
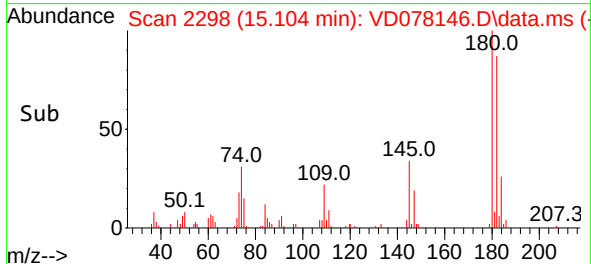
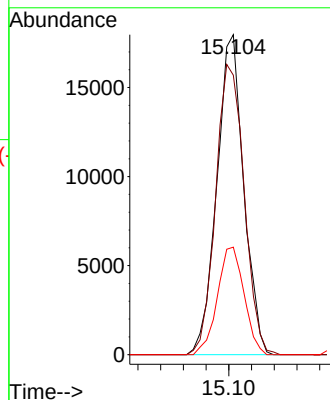
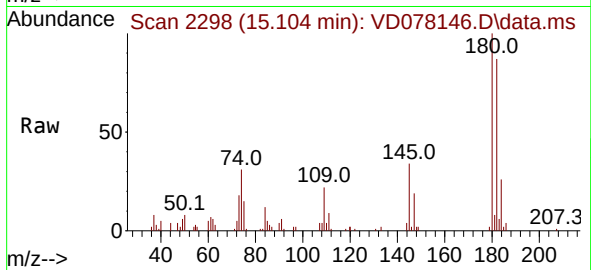




#93
1,2,4-Trichlorobenzene
Concen: 20.103 ug/l
RT: 15.104 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

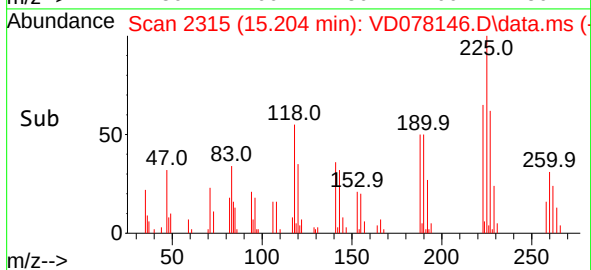
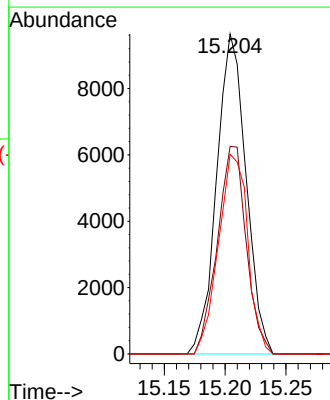
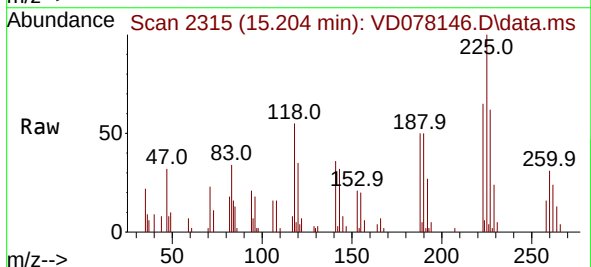
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBSD01

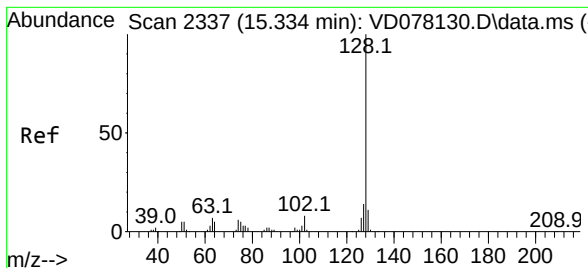
Tgt Ion:180 Resp: 29472
Ion Ratio Lower Upper
180 100
182 96.2 48.5 145.6
145 33.4 14.2 42.6



#94
Hexachlorobutadiene
Concen: 19.582 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD078146.D
Acq: 11 Jan 2024 11:33

Tgt Ion:225 Resp: 16198
Ion Ratio Lower Upper
225 100
223 63.9 31.6 94.8
227 62.2 31.7 95.1





#95

Naphthalene

Concen: 20.293 ug/l

RT: 15.333 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBSD01

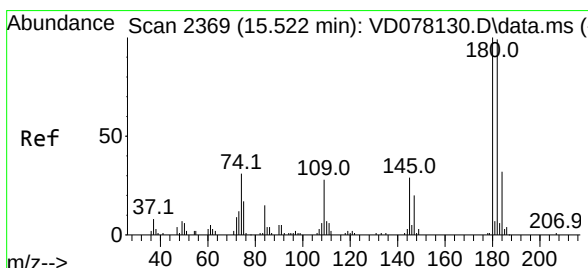
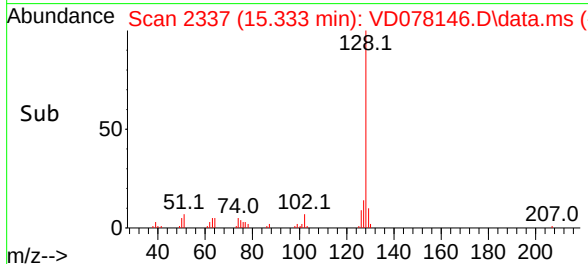
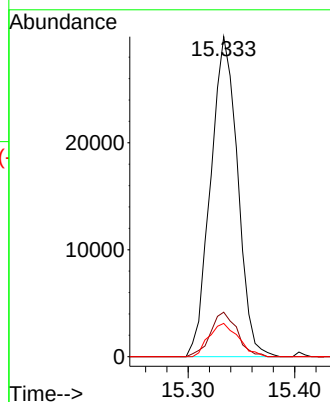
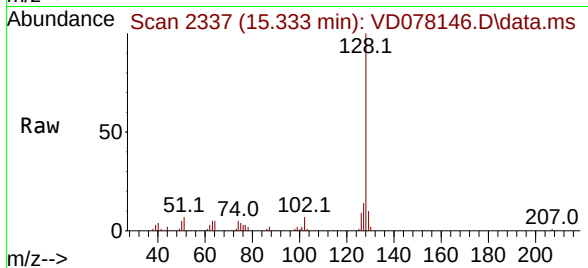
Tgt Ion:128 Resp: 52741

Ion Ratio Lower Upper

128 100

127 13.9 10.5 15.7

129 10.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.219 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078146.D

Acq: 11 Jan 2024 11:33

Tgt Ion:180 Resp: 25280

Ion Ratio Lower Upper

180 100

182 92.7 47.3 141.9

145 30.9 15.1 45.3

