

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101123\
 Data File : VD077310.D
 Acq On : 11 Oct 2023 17:11
 Operator : JC/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 12 08:58:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 04:48:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	255887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	462515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	434480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	201002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	40831	19.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	39.880%#
35) Dibromofluoromethane	7.804	113	51518	20.967	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	41.940%#
50) Toluene-d8	10.269	98	164080	20.311	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	40.620%#
62) 4-Bromofluorobenzene	12.575	95	56111	20.681	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	41.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	47381	19.933	ug/l	98
3) Chloromethane	2.146	50	76319	20.275	ug/l	97
4) Vinyl Chloride	2.281	62	81738	19.904	ug/l	98
5) Bromomethane	2.675	94	52407	18.146	ug/l	99
6) Chloroethane	2.828	64	53448	19.716	ug/l	95
7) Trichlorofluoromethane	3.175	101	78117	18.394	ug/l	91
8) Diethyl Ether	3.593	74	28410	19.194	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.957	101	60181	19.682	ug/l	95
10) Methyl Iodide	4.157	142	69257	18.336	ug/l #	90
11) Tert butyl alcohol	5.057	59	15253	98.435	ug/l	98
12) 1,1-Dichloroethene	3.934	96	54419	18.432	ug/l	88
13) Acrolein	3.793	56	9878	54.668	ug/l	99
14) Allyl chloride	4.563	41	76497	18.842	ug/l #	91
15) Acrylonitrile	5.246	53	69431	95.291	ug/l	97
16) Acetone	4.016	43	60255	95.108	ug/l	89
17) Carbon Disulfide	4.263	76	158596	17.800	ug/l	99
18) Methyl Acetate	4.557	43	47581	18.894	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	122781	18.633	ug/l	97
20) Methylene Chloride	4.793	84	100458	15.112	ug/l #	88
21) trans-1,2-Dichloroethene	5.310	96	64916	18.413	ug/l #	83
22) Diisopropyl ether	6.210	45	177080	19.256	ug/l	95
23) Vinyl Acetate	6.151	43	340573	79.024	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	115260	18.849	ug/l	96
25) 2-Butanone	7.081	43	81604	96.691	ug/l #	87
26) 2,2-Dichloropropane	7.069	77	92425	18.797	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	72112	18.273	ug/l	91
28) Bromochloromethane	7.422	49	45929	18.976	ug/l #	74
29) Tetrahydrofuran	7.445	42	48247	95.821	ug/l #	84
30) Chloroform	7.593	83	119768	19.114	ug/l	93
31) Cyclohexane	7.875	56	90165	18.545	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	96703	19.246	ug/l	99
36) 1,1-Dichloropropene	8.004	75	85627	19.224	ug/l	97
37) Ethyl Acetate	7.169	43	36080	19.308	ug/l	97
38) Carbon Tetrachloride	7.992	117	79396	19.650	ug/l	93
39) Methylcyclohexane	9.275	83	93506	18.628	ug/l	92
40) Benzene	8.251	78	258929	18.842	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	19244	19.066	ug/l	94
42) 1,2-Dichloroethane	8.322	62	63103	19.104	ug/l	97
43) Isopropyl Acetate	8.357	43	62938	19.006	ug/l	95
44) Trichloroethene	9.028	130	64046	19.019	ug/l	92
45) 1,2-Dichloropropane	9.298	63	67873	19.204	ug/l	91
46) Dibromomethane	9.398	93	37635	20.315	ug/l #	85
47) Bromodichloromethane	9.581	83	90046	19.825	ug/l	94
48) Methyl methacrylate	9.375	41	31084	20.377	ug/l #	77
49) 1,4-Dioxane	9.381	88	7142	372.951	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	171581	99.137	ug/l	91
52) Toluene	10.334	92	162206	19.340	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	80636	18.935	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	101324	19.185	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	49249	19.560	ug/l	91
56) Ethyl methacrylate	10.598	69	56581	18.776	ug/l	93
57) 1,3-Dichloropropane	10.881	76	84685	19.477	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	137557	93.982	ug/l	92
59) 2-Hexanone	10.922	43	121054	98.900	ug/l	90
60) Dibromochloromethane	11.075	129	57779	20.092	ug/l	99
61) 1,2-Dibromoethane	11.175	107	45053	19.603	ug/l	99
64) Tetrachloroethene	10.810	164	51792	18.672	ug/l	96
65) Chlorobenzene	11.604	112	173945	19.251	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	60593	19.011	ug/l	98
67) Ethyl Benzene	11.681	91	303557	18.825	ug/l	96
68) m/p-Xylenes	11.792	106	237483	38.267	ug/l	90
69) o-Xylene	12.122	106	107378	18.694	ug/l	91
70) Styrene	12.133	104	190737	19.163	ug/l	97
71) Bromoform	12.298	173	31659	19.571	ug/l #	97
73) Isopropylbenzene	12.422	105	279027	18.796	ug/l	96
74) N-amyl acetate	12.233	43	58774	18.829	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	57767	19.391	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	69752	31.586	ug/l #	100
77) Bromobenzene	12.698	156	65056	19.155	ug/l	85
78) n-propylbenzene	12.763	91	358437	19.042	ug/l	94
79) 2-Chlorotoluene	12.851	91	194937	19.209	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	239561	19.366	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	17922	19.350	ug/l	99
82) 4-Chlorotoluene	12.945	91	205346	19.153	ug/l	94
83) tert-Butylbenzene	13.169	119	195320	18.903	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	236413	19.079	ug/l	95
85) sec-Butylbenzene	13.345	105	306101	18.997	ug/l	95
86) p-Isopropyltoluene	13.463	119	252682	19.087	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	136652	19.185	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	135062	19.197	ug/l	97
89) n-Butylbenzene	13.786	91	245074	18.934	ug/l	96
90) Hexachloroethane	14.051	117	48771	18.685	ug/l	86
91) 1,2-Dichlorobenzene	13.833	146	117857	19.147	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7182	18.421	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	67596	18.207	ug/l	96
94) Hexachlorobutadiene	15.204	225	33710	18.162	ug/l	99
95) Naphthalene	15.333	128	126658	17.594	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	60372	18.401	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Oct 12 04:48:21 2023
Response via : Initial Calibration

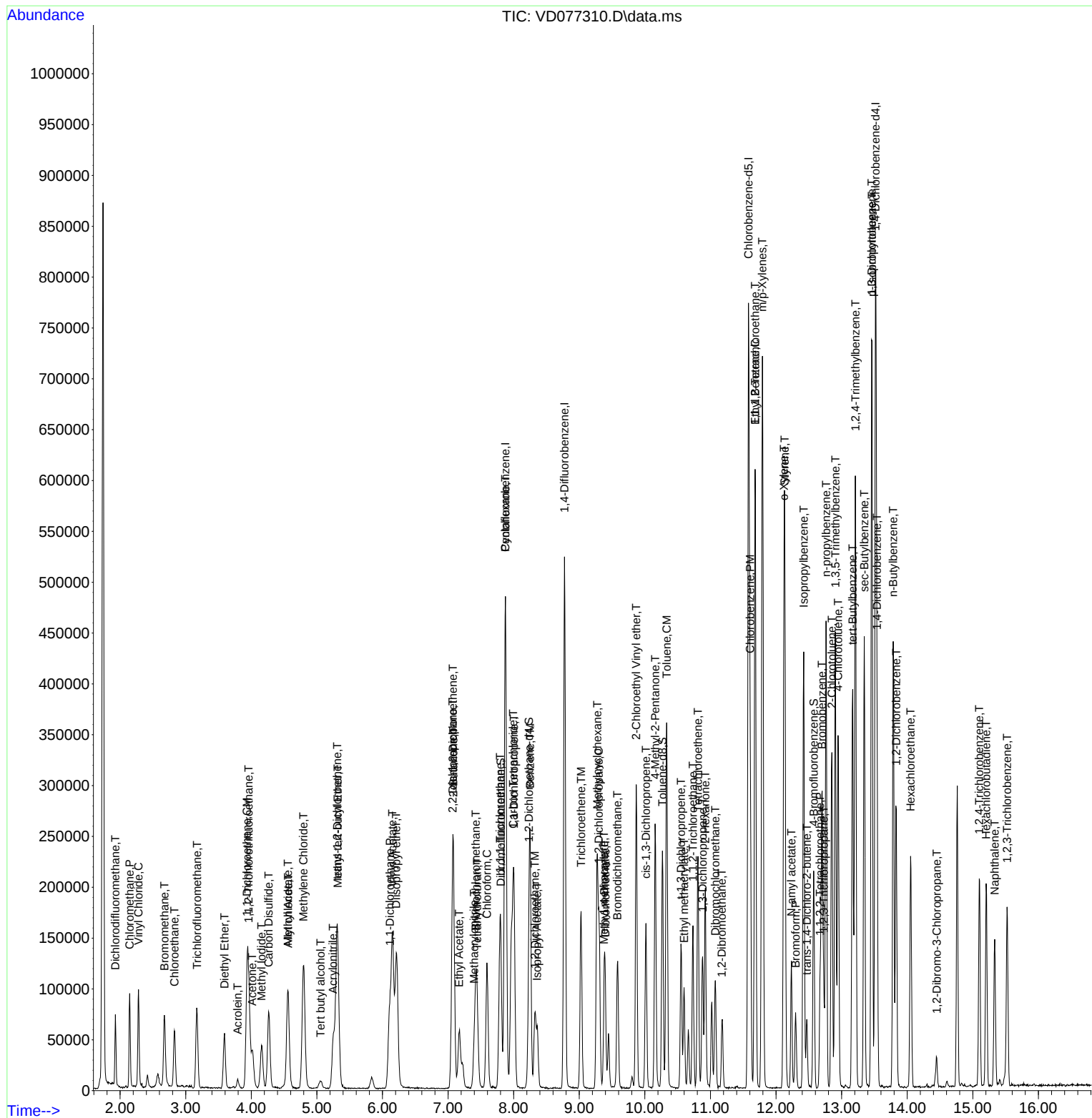
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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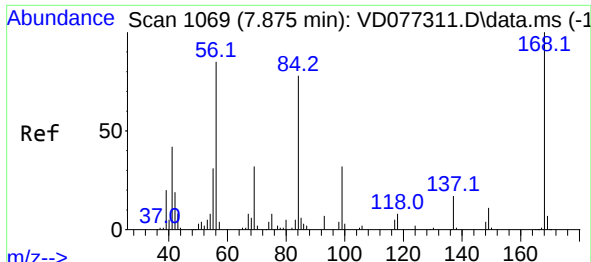
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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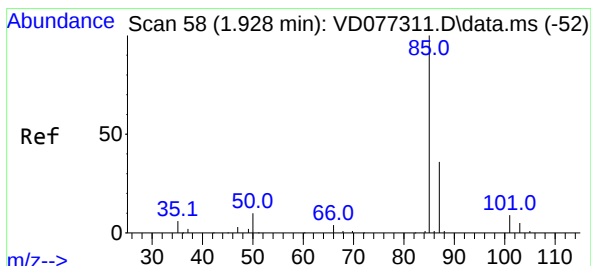
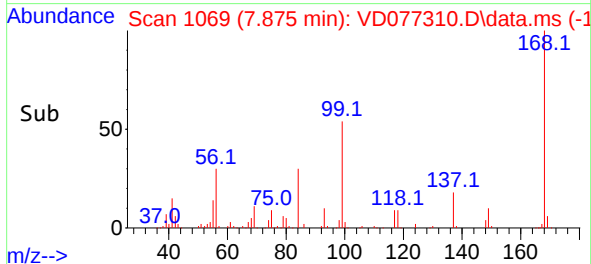
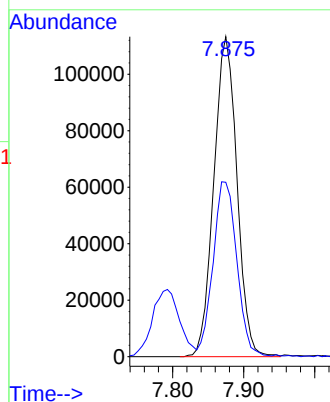
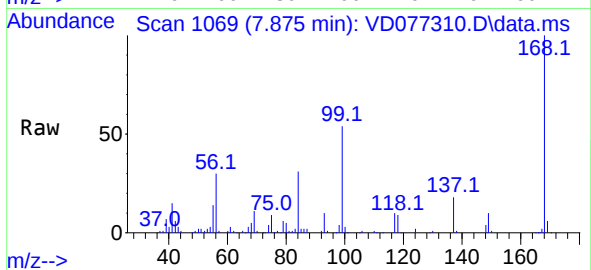




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077310.D
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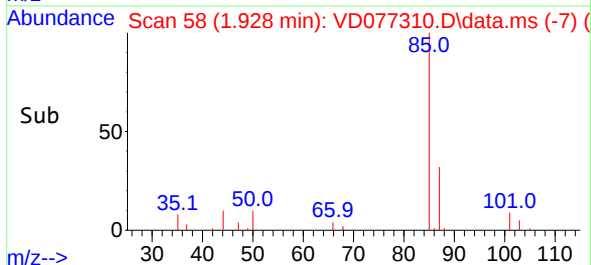
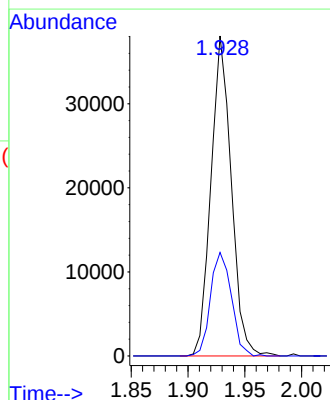
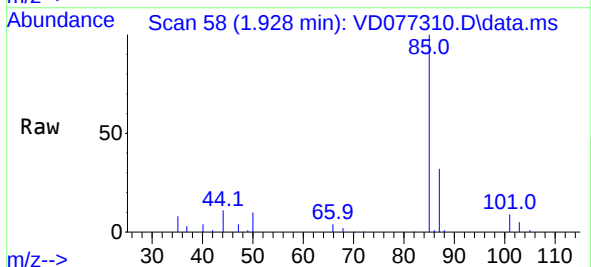
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 255887
Ion Ratio Lower Upper
168 100
99 54.3 36.7 55.1

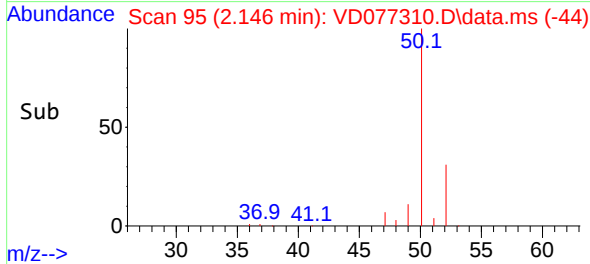
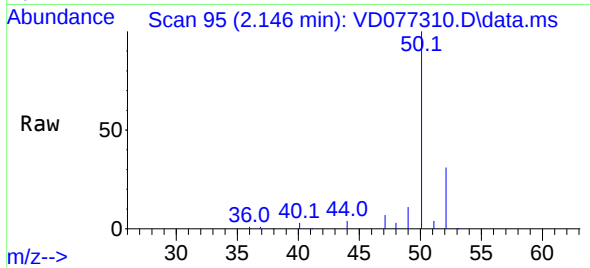
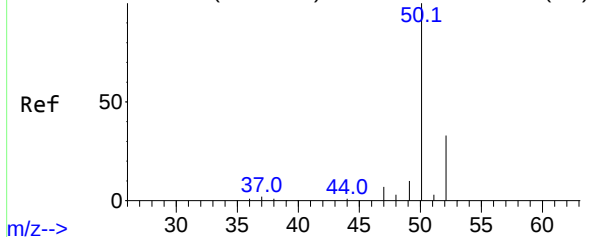


#2
Dichlorodifluoromethane
Concen: 19.933 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion: 85 Resp: 47381
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.0



Abundance Scan 95 (2.146 min): VD077311.D\data.ms (-88)



#3

Chloromethane

Concen: 20.275 ug/l

RT: 2.146 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD077310.D

Acq: 11 Oct 2023 17:11

Instrument :

MSVOA_D

ClientSampleId :

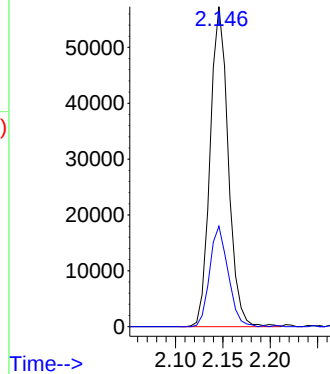
Tgt Ion: 50 Resp: 76319

Ion Ratio Lower Upper

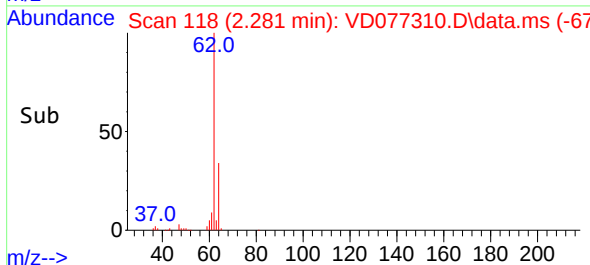
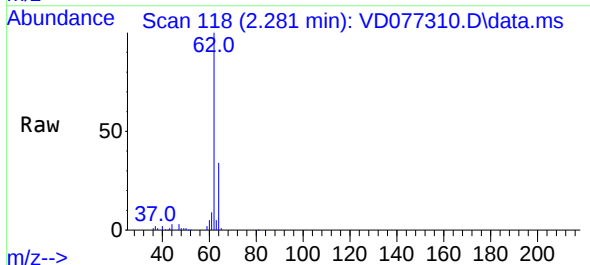
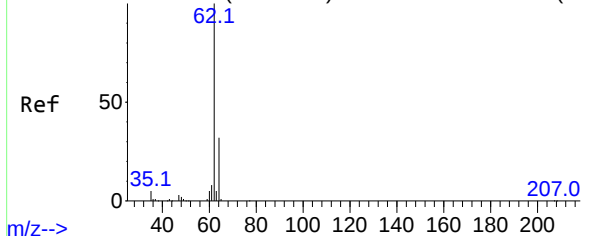
50 100

52 31.4 26.6 40.0

Abundance



Abundance Scan 118 (2.281 min): VD077311.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 19.904 ug/l

RT: 2.281 min Scan# 118

Delta R.T. -0.000 min

Lab File: VD077310.D

Acq: 11 Oct 2023 17:11

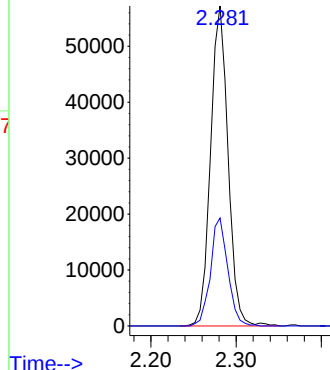
Tgt Ion: 62 Resp: 81738

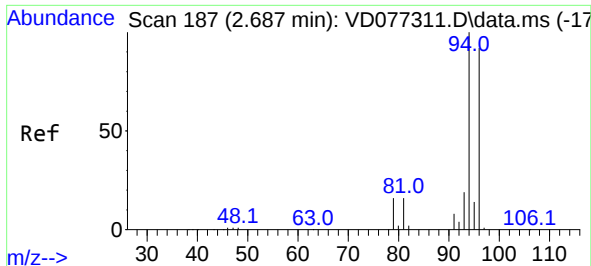
Ion Ratio Lower Upper

62 100

64 33.8 26.0 39.0

Abundance

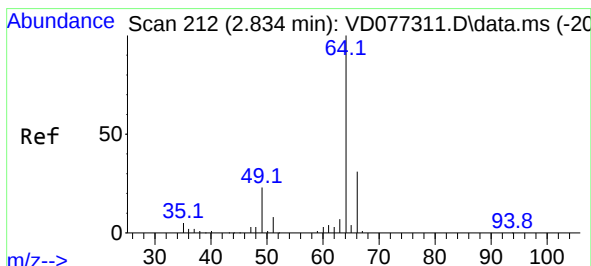
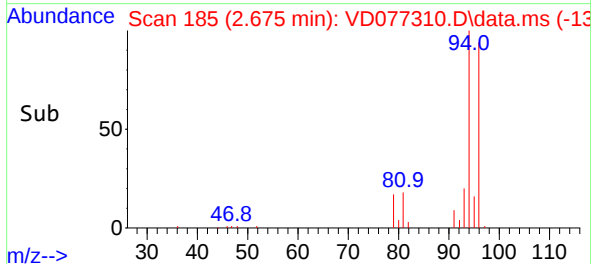
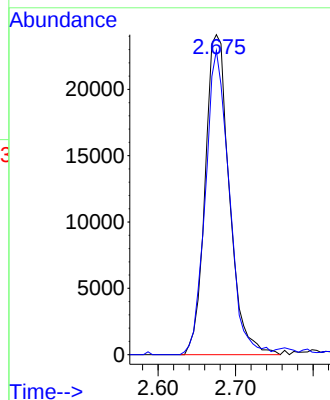
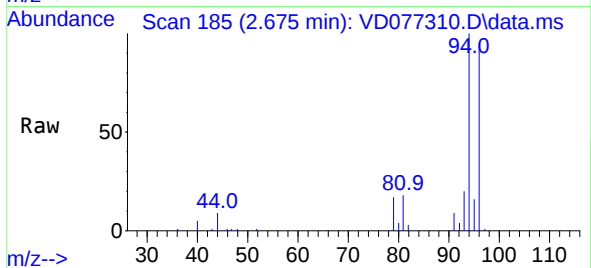




#5
Bromomethane
Concen: 18.146 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

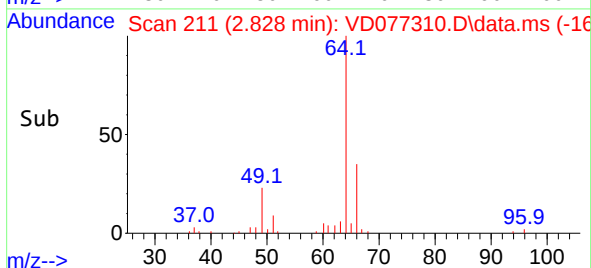
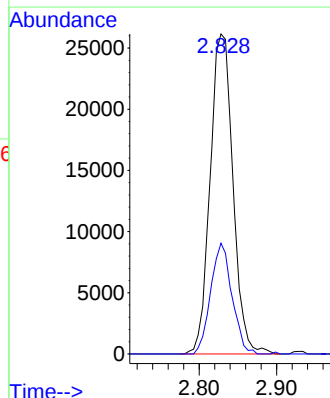
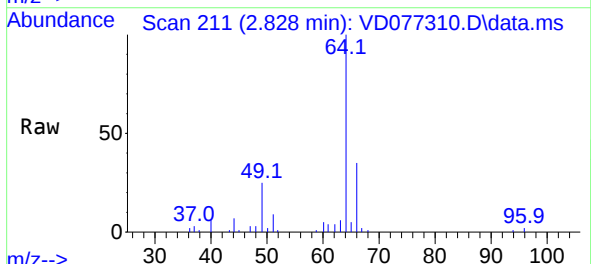
Instrument :
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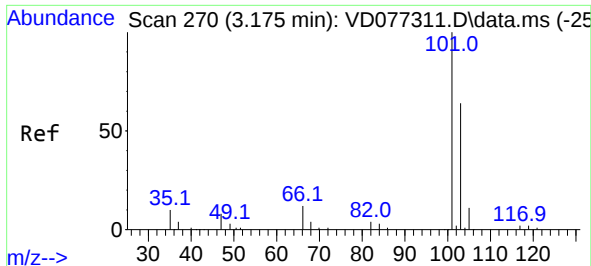
Tgt Ion: 94 Resp: 52407
Ion Ratio Lower Upper
94 100
96 93.6 75.8 113.8



#6
Chloroethane
Concen: 19.716 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion: 64 Resp: 53448
Ion Ratio Lower Upper
64 100
66 34.6 25.5 38.3

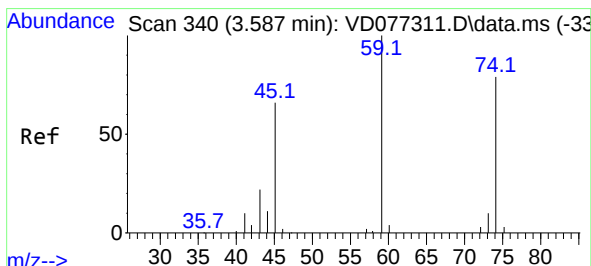
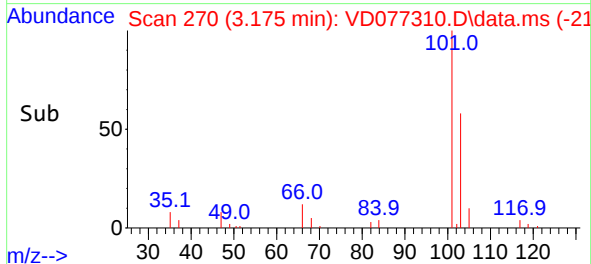
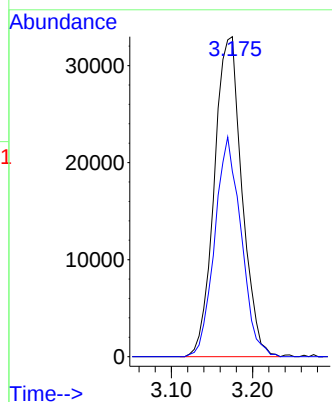
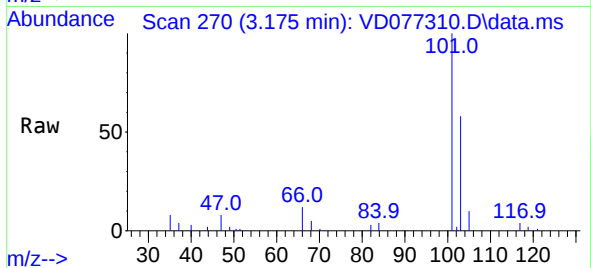




#7
Trichlorofluoromethane
Concen: 18.394 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

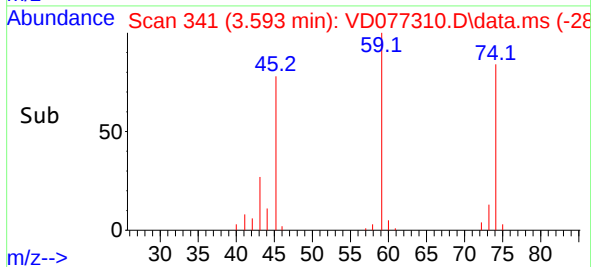
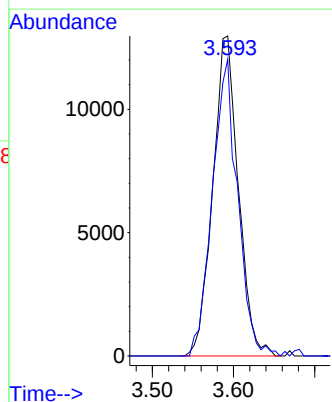
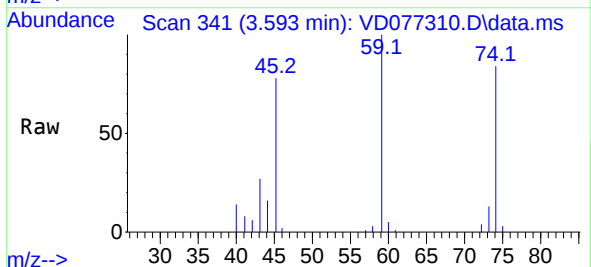
Instrument :
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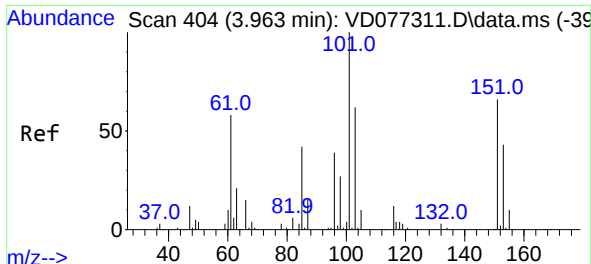
Tgt Ion:101 Resp: 78117
Ion Ratio Lower Upper
101 100
103 57.9 52.3 78.5



#8
Diethyl Ether
Concen: 19.194 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

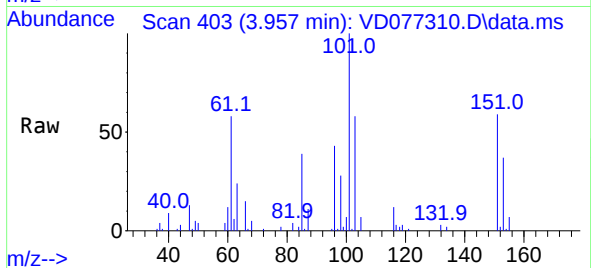
Tgt Ion: 74 Resp: 28410
Ion Ratio Lower Upper
74 100
45 91.7 37.5 112.7



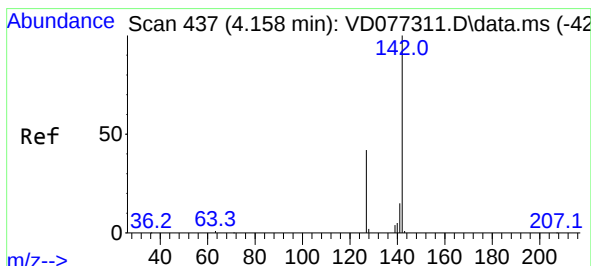
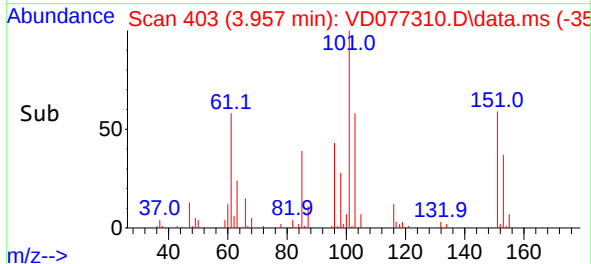
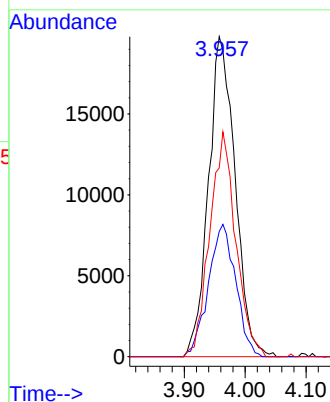


#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.682 ug/l
RT: 3.957 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Instrument :
MSVOA_D
ClientSampleId :

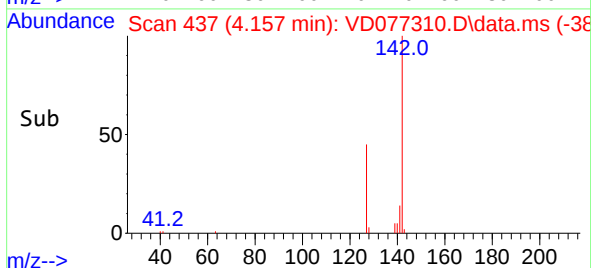
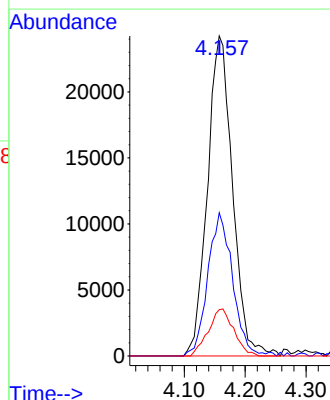
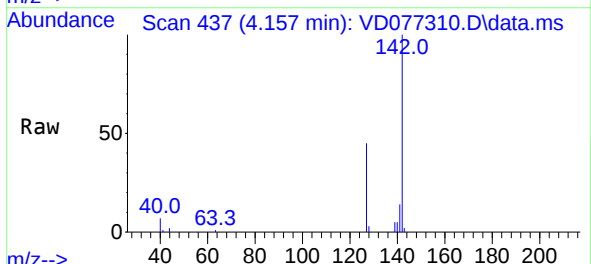


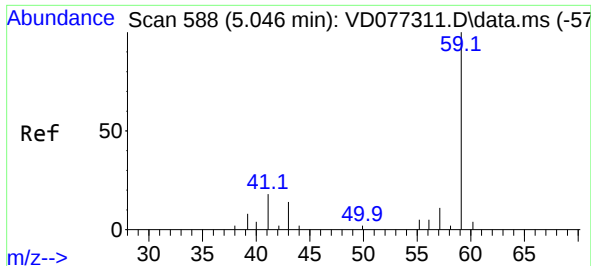
Tgt Ion:101 Resp: 60181
Ion Ratio Lower Upper
101 100
85 42.4 33.8 50.6
151 68.5 59.8 89.6



#10
Methyl Iodide
Concen: 18.336 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion:142 Resp: 69257
Ion Ratio Lower Upper
142 100
127 44.1 29.4 44.0#
141 14.9 11.1 16.7





#11

Tert butyl alcohol

Concen: 98.435 ug/l

RT: 5.057 min Scan# 51

Delta R.T. 0.012 min

Lab File: VD077310.D

Acq: 11 Oct 2023 17:11

Instrument :

MSVOA_D

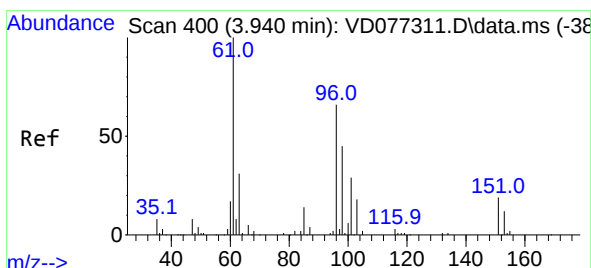
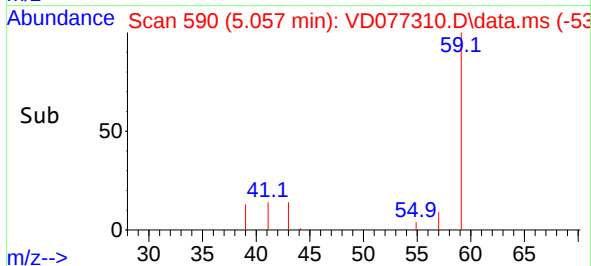
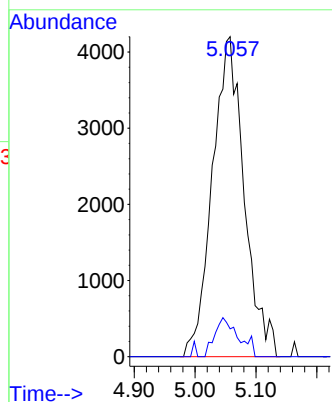
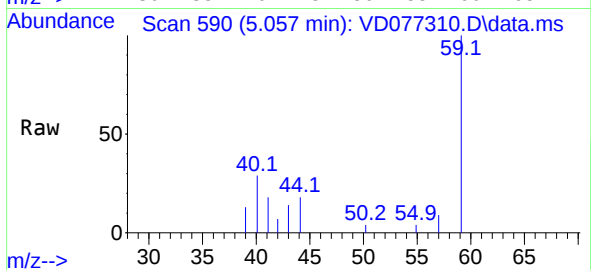
ClientSampleId :

Tgt Ion: 59 Resp: 15253

Ion Ratio Lower Upper

59 100

57 9.0 7.8 11.8



#12

1,1-Dichloroethene

Concen: 18.432 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD077310.D

Acq: 11 Oct 2023 17:11

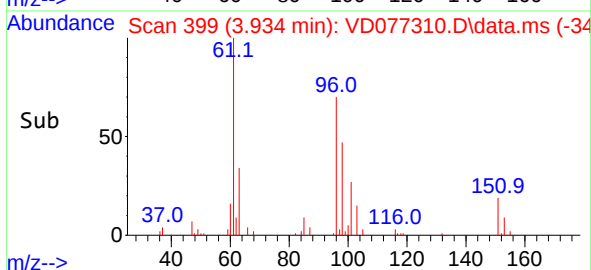
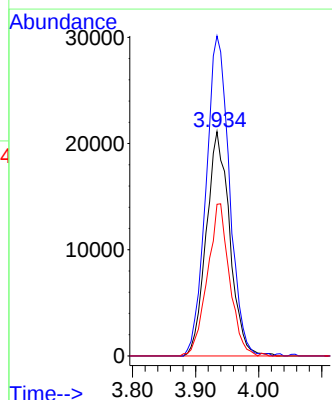
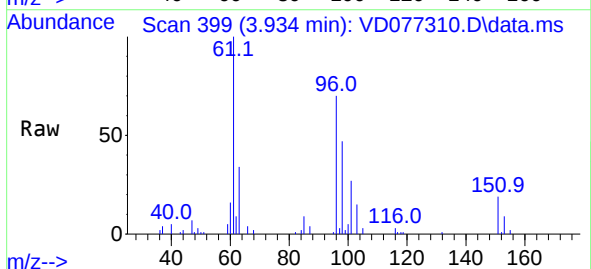
Tgt Ion: 96 Resp: 54419

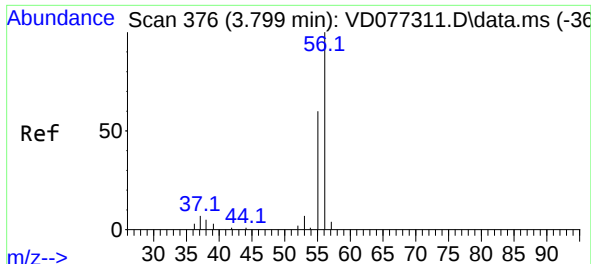
Ion Ratio Lower Upper

96 100

61 142.7 100.6 150.8

98 67.6 50.2 75.2

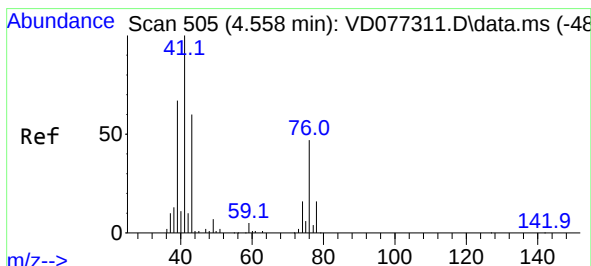
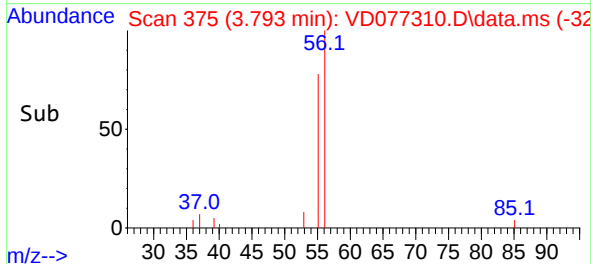
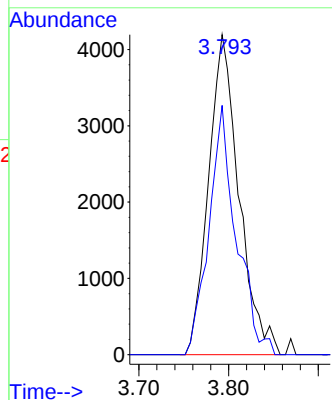
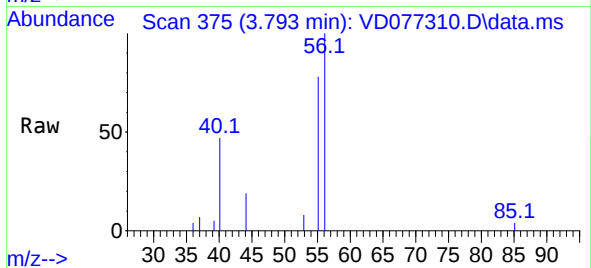




#13
Acrolein
Concen: 54.668 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

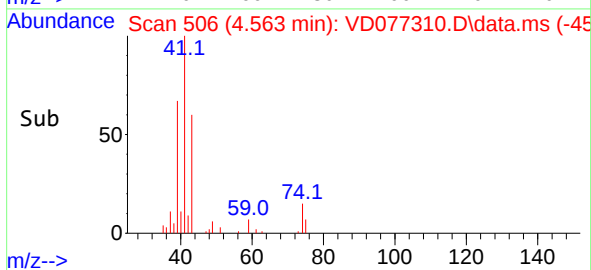
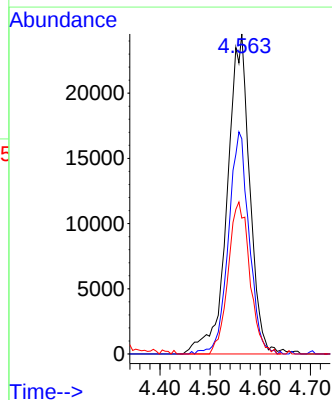
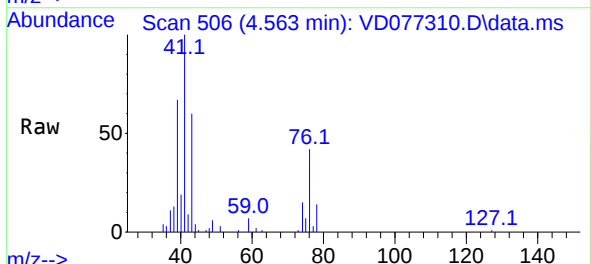
Instrument :
MSVOA_D
ClientSampleId :

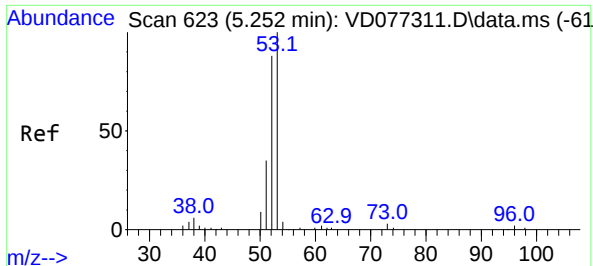
Tgt Ion: 56 Resp: 9878
Ion Ratio Lower Upper
56 100
55 70.1 55.1 82.7



#14
Allyl chloride
Concen: 18.842 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion: 41 Resp: 76497
Ion Ratio Lower Upper
41 100
39 64.1 53.8 80.6
76 45.6 45.8 68.8#

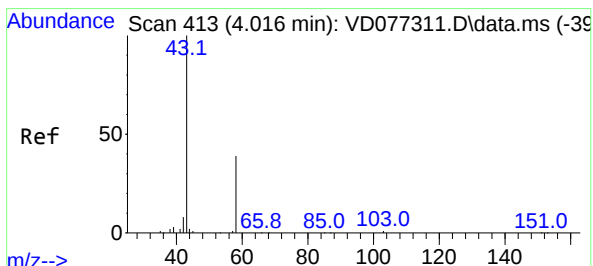
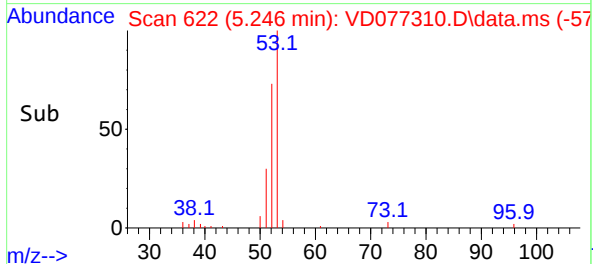
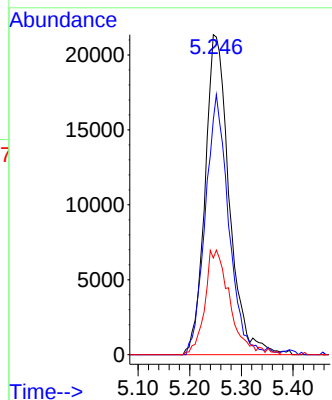
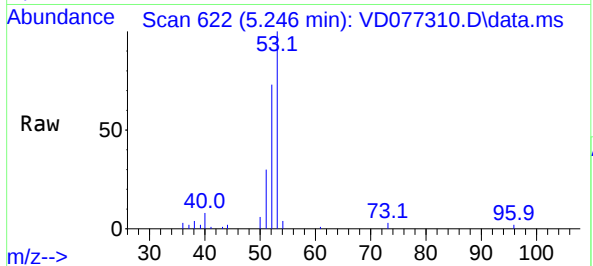




#15
Acrylonitrile
Concen: 95.291 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

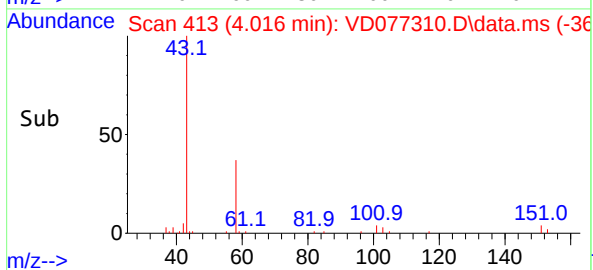
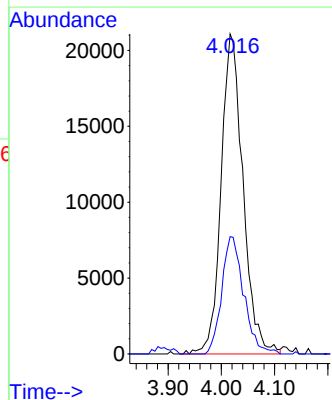
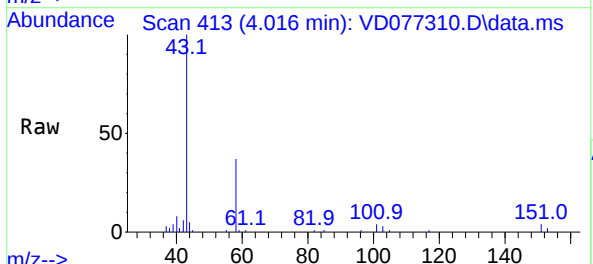
Instrument :
MSVOA_D
ClientSampleId :

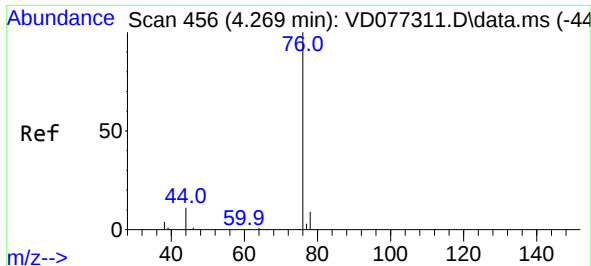
Tgt Ion: 53 Resp: 69431
Ion Ratio Lower Upper
53 100
52 78.2 65.0 97.4
51 34.1 28.3 42.5



#16
Acetone
Concen: 95.108 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion: 43 Resp: 60255
Ion Ratio Lower Upper
43 100
58 36.6 34.7 52.1

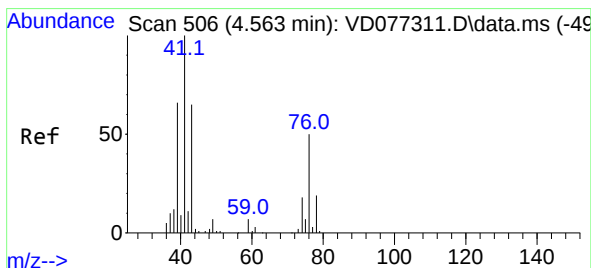
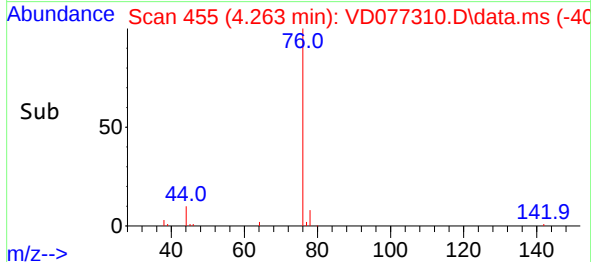
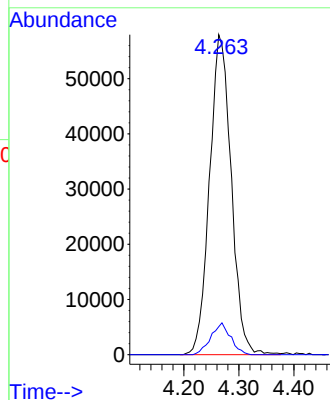
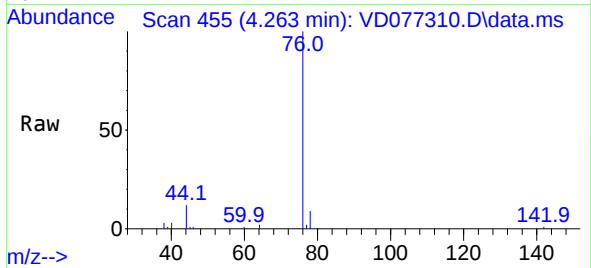




#17
Carbon Disulfide
Concen: 17.800 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

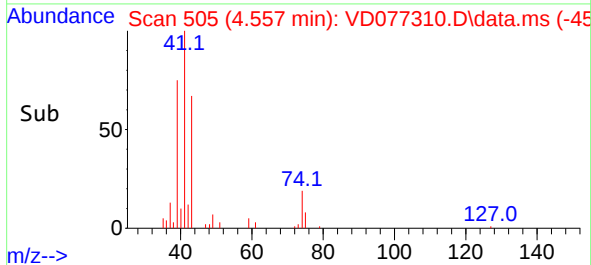
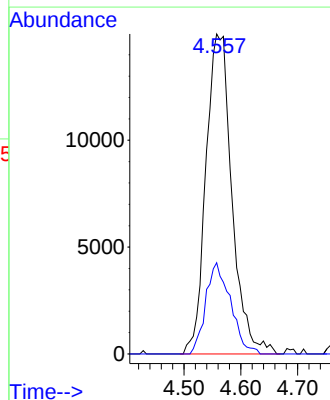
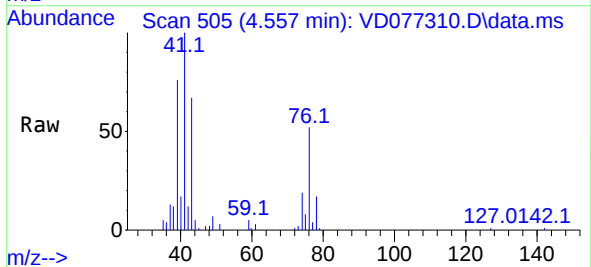
Instrument :
MSVOA_D
ClientSampleId :

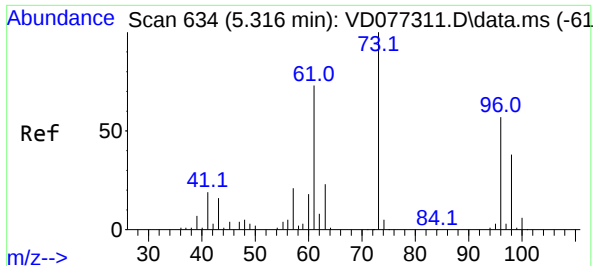
Tgt Ion: 76 Resp: 158596
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 18.894 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion: 43 Resp: 47581
Ion Ratio Lower Upper
43 100
74 27.1 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 18.633 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD077310.D

Acq: 11 Oct 2023 17:11

Instrument :

MSVOA_D

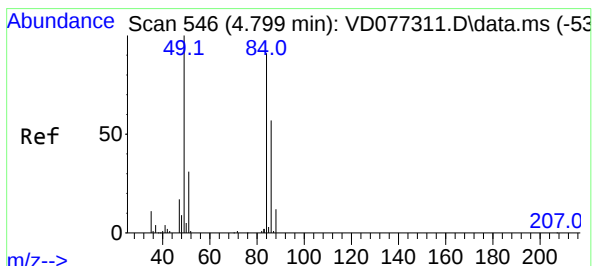
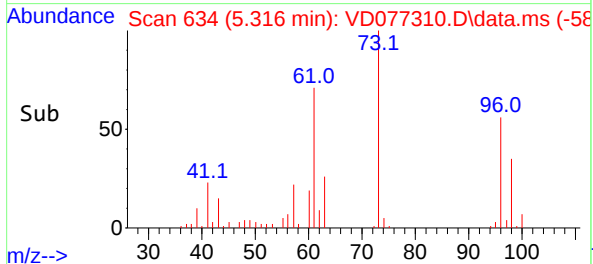
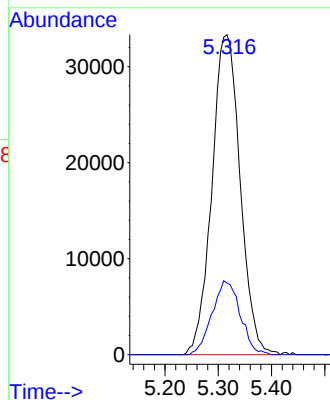
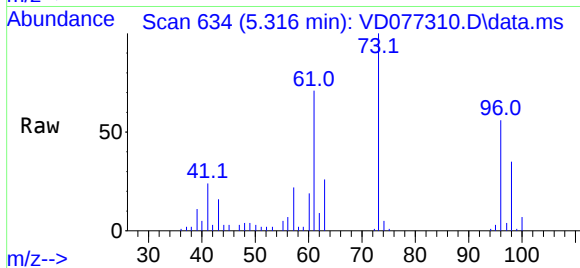
ClientSampleId :

Tgt Ion: 73 Resp: 122781

Ion Ratio Lower Upper

73 100

57 22.4 16.6 25.0



#20

Methylene Chloride

Concen: 15.112 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD077310.D

Acq: 11 Oct 2023 17:11

Tgt Ion: 84 Resp: 100458

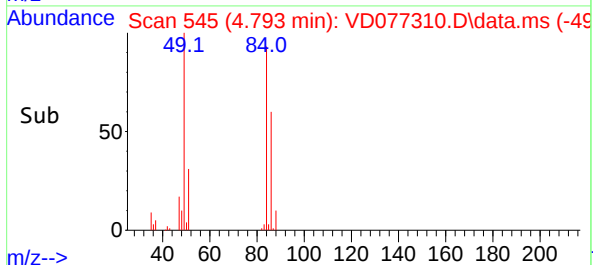
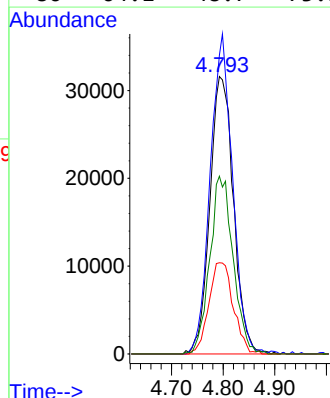
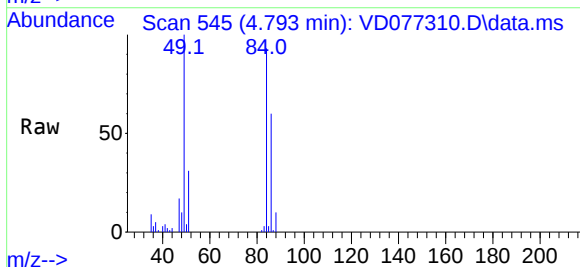
Ion Ratio Lower Upper

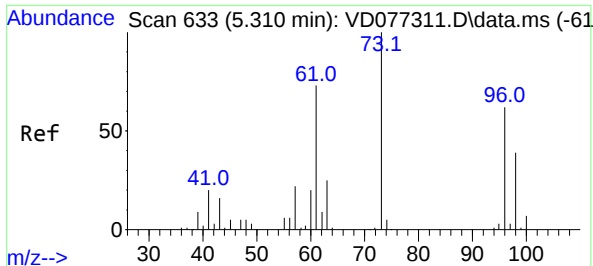
84 100

49 107.6 71.4 107.2#

51 32.9 24.5 36.7

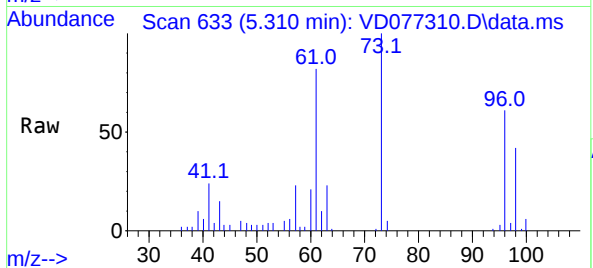
86 64.1 48.7 73.1



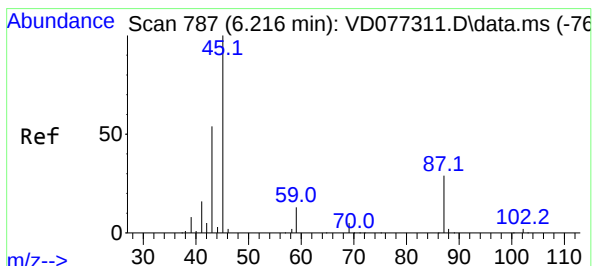
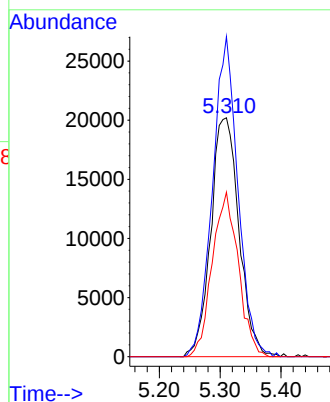
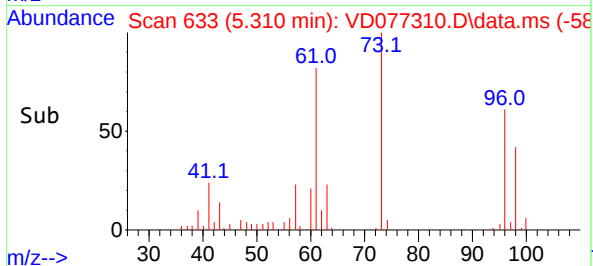


#21
trans-1,2-Dichloroethene
Concen: 18.413 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

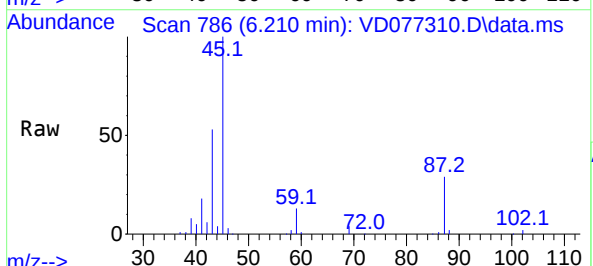
Instrument :
MSVOA_D
ClientSampleId :



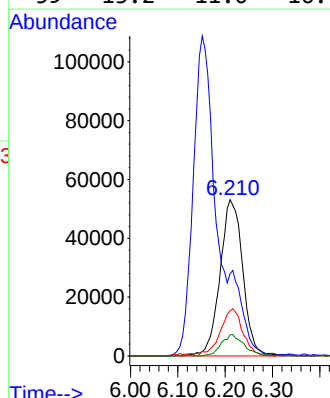
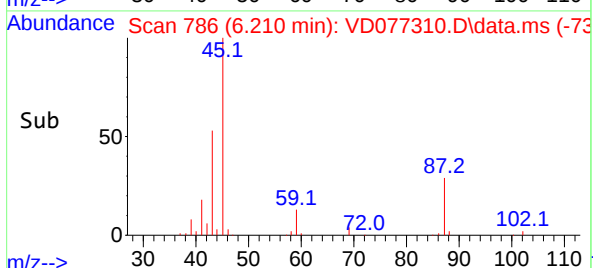
Tgt Ion: 96 Resp: 64916
Ion Ratio Lower Upper
96 100
61 134.0 89.3 133.9#
98 68.8 48.6 73.0

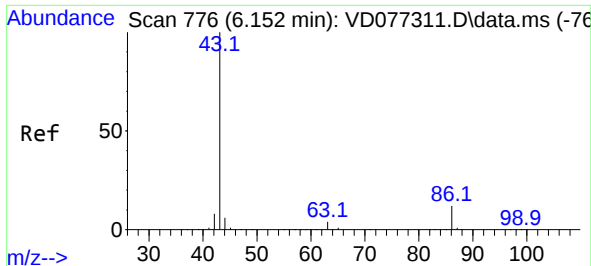


#22
Diisopropyl ether
Concen: 19.256 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11



Tgt Ion: 45 Resp: 177080
Ion Ratio Lower Upper
45 100
43 51.7 40.0 60.0
87 28.9 28.2 42.4
59 13.2 11.0 16.4

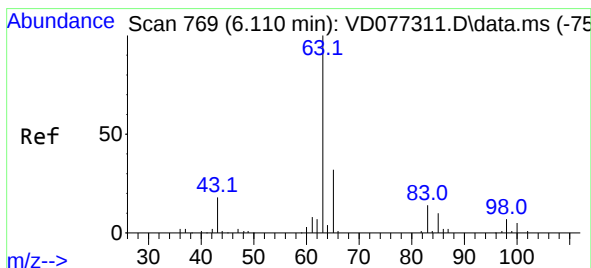
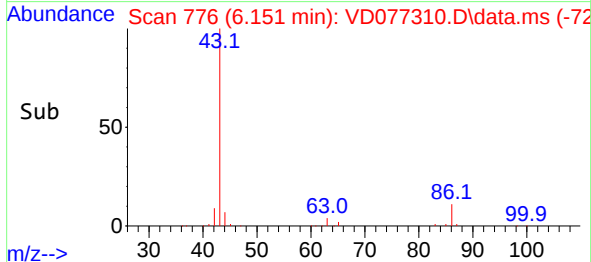
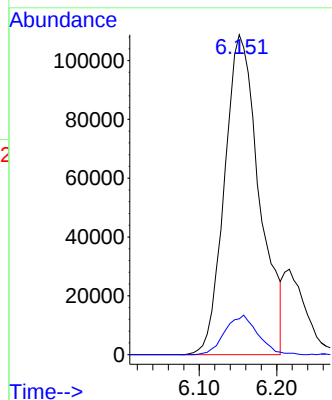
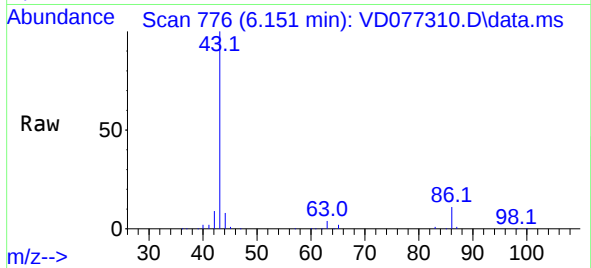




#23
 Vinyl Acetate
 Concen: 79.024 ug/l
 RT: 6.151 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: VD077310.D
 Acq: 11 Oct 2023 17:11

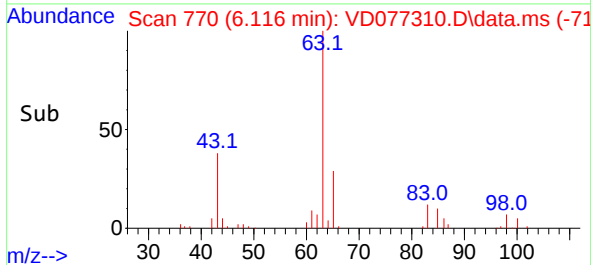
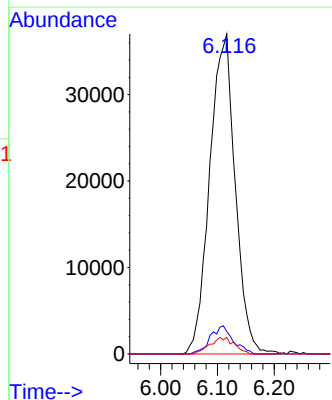
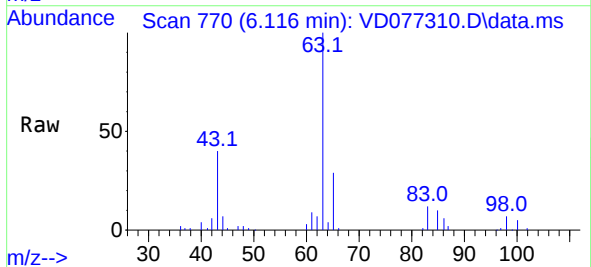
Instrument :
 MSVOA_D
 ClientSampleId :

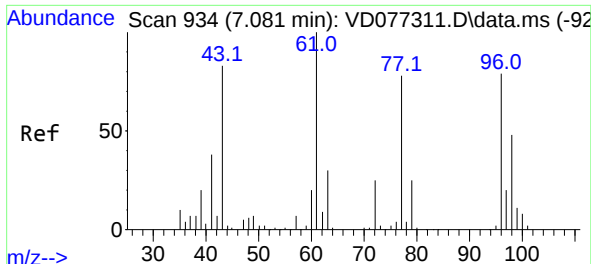
Tgt Ion: 43 Resp: 340573
 Ion Ratio Lower Upper
 43 100
 86 11.2 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 18.849 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077310.D
 Acq: 11 Oct 2023 17:11

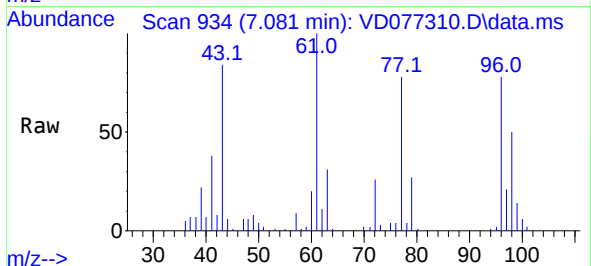
Tgt Ion: 63 Resp: 115260
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.5 13.7
 100 5.2 2.5 7.5



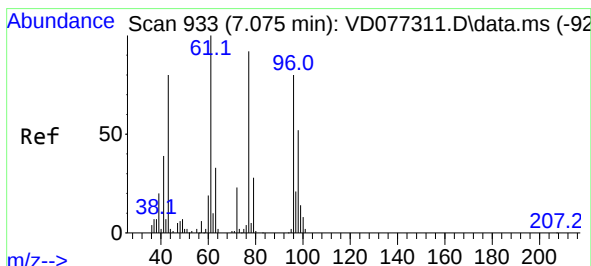
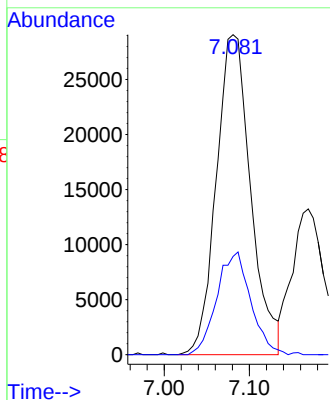
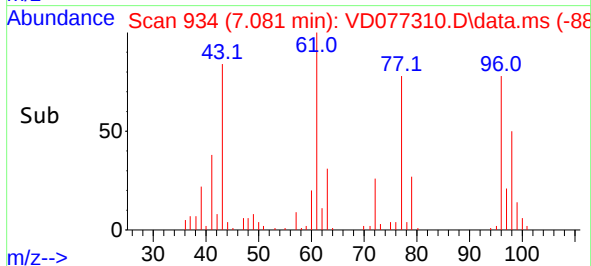


#25
2-Butanone
Concen: 96.691 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

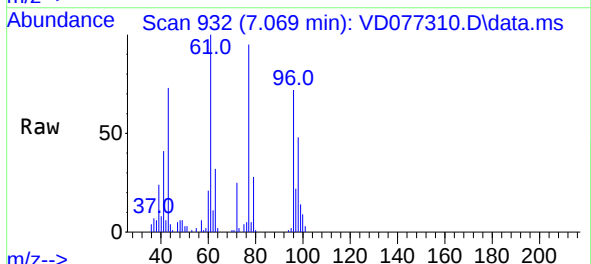
Instrument :
MSVOA_D
ClientSampleId :



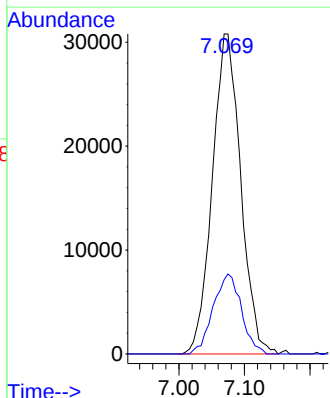
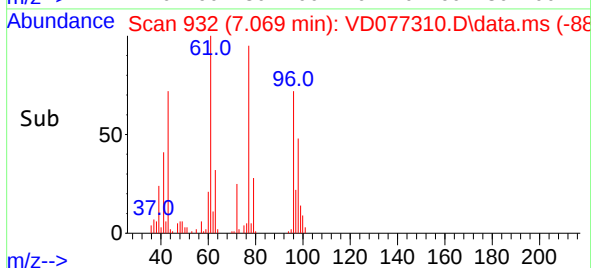
Tgt Ion: 43 Resp: 81604
Ion Ratio Lower Upper
43 100
72 30.7 30.7 46.1#

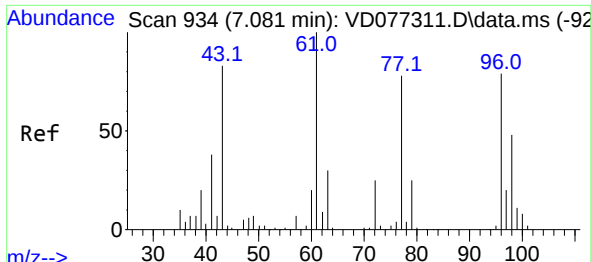


#26
2,2-Dichloropropane
Concen: 18.797 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11



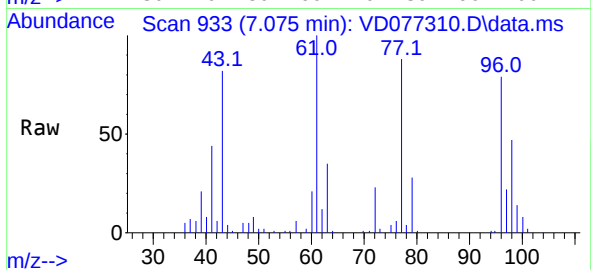
Tgt Ion: 77 Resp: 92425
Ion Ratio Lower Upper
77 100
97 24.9 13.2 39.6



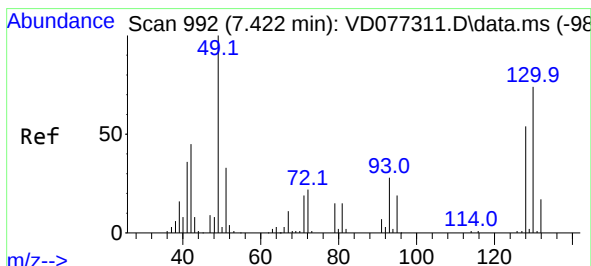
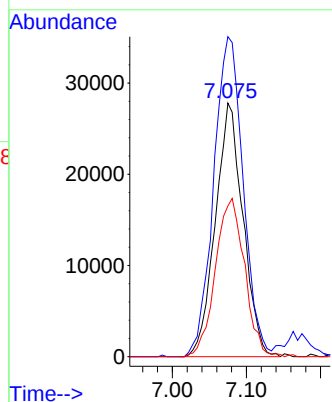
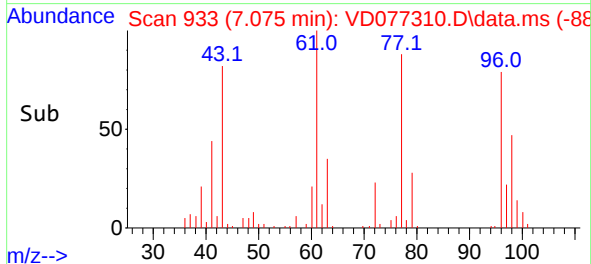


#27
cis-1,2-Dichloroethene
Concen: 18.273 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Instrument :
MSVOA_D
ClientSampleId :

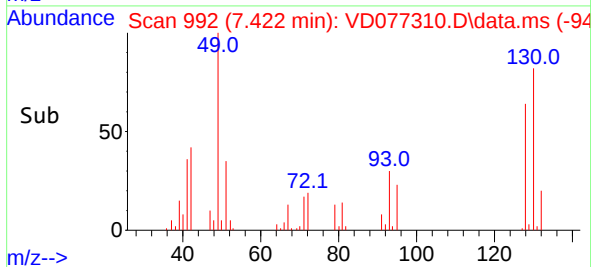
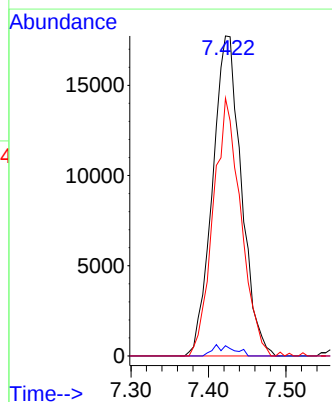
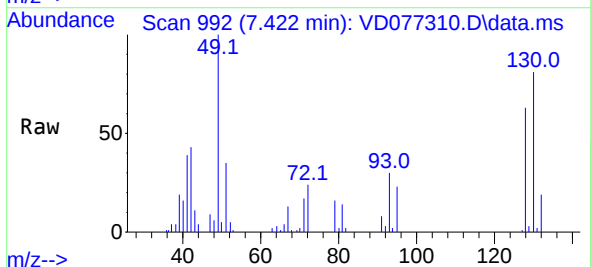


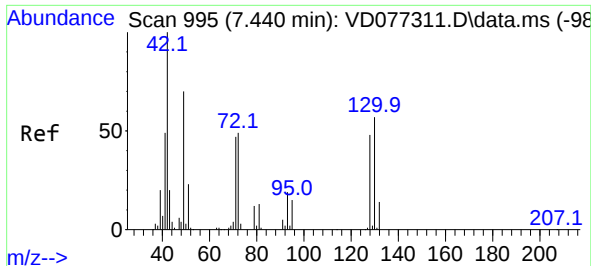
Tgt Ion: 96 Resp: 72112
Ion Ratio Lower Upper
96 100
61 134.2 0.0 239.2
98 65.7 0.0 128.6



#28
Bromochloromethane
Concen: 18.976 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion: 49 Resp: 45929
Ion Ratio Lower Upper
49 100
129 1.1 0.0 6.0
130 77.1 83.2 124.8#

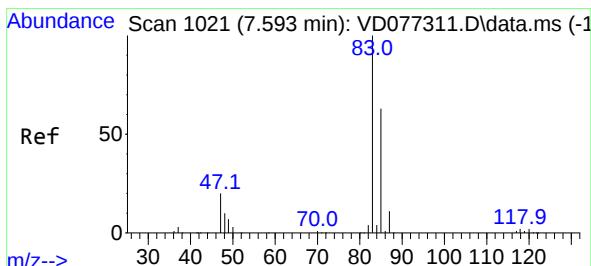
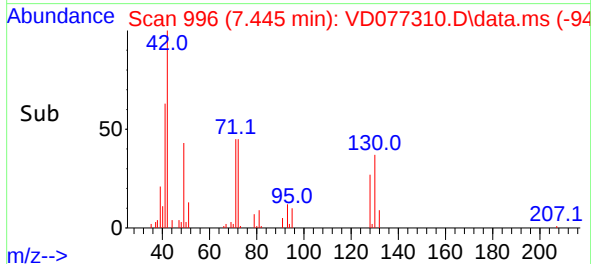
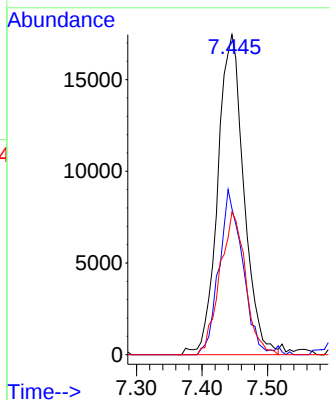
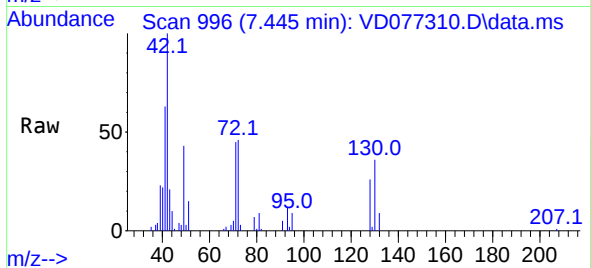




#29
Tetrahydrofuran
Concen: 95.821 ug/l
RT: 7.445 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

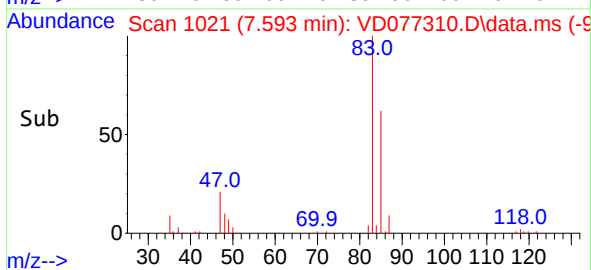
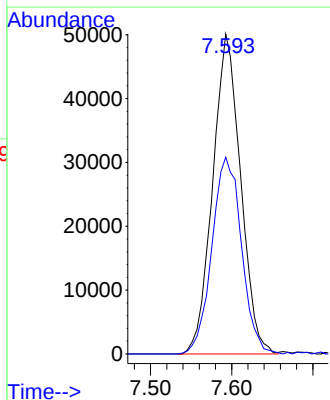
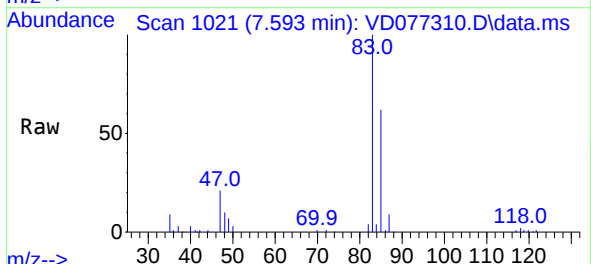
Instrument :
MSVOA_D
ClientSampleId :

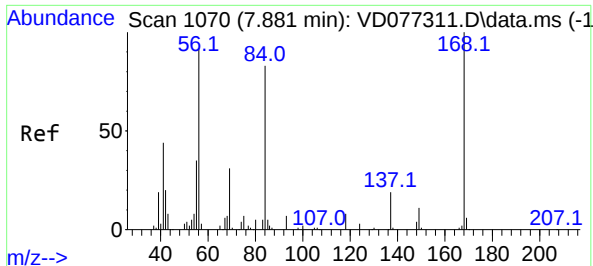
Tgt Ion: 42 Resp: 48247
Ion Ratio Lower Upper
42 100
72 46.0 46.5 69.7#
71 43.9 44.5 66.7#



#30
Chloroform
Concen: 19.114 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion: 83 Resp: 119768
Ion Ratio Lower Upper
83 100
85 61.5 53.4 80.2





#31

Cyclohexane

Concen: 18.545 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

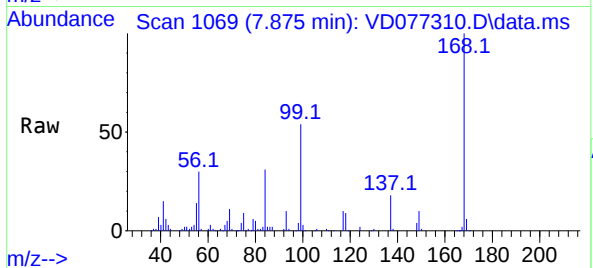
Lab File: VD077310.D

Acq: 11 Oct 2023 17:11

Instrument :

MSVOA_D

ClientSampleId :



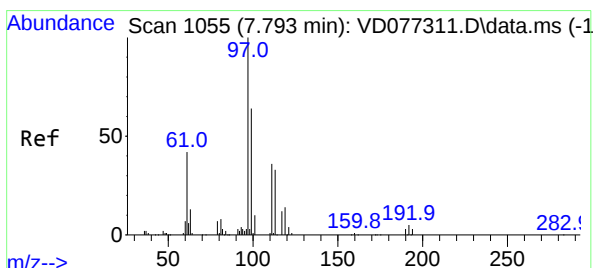
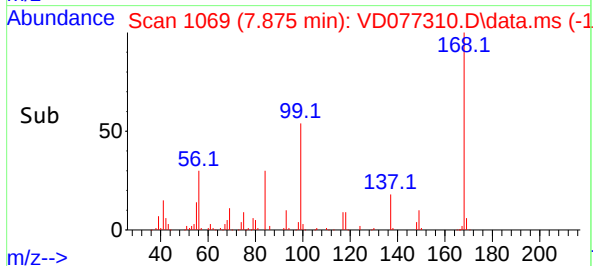
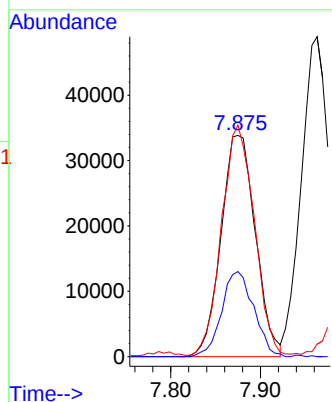
Tgt Ion: 56 Resp: 90165

Ion Ratio Lower Upper

56 100

69 38.4 28.6 43.0

84 103.4 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 19.246 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD077310.D

Acq: 11 Oct 2023 17:11

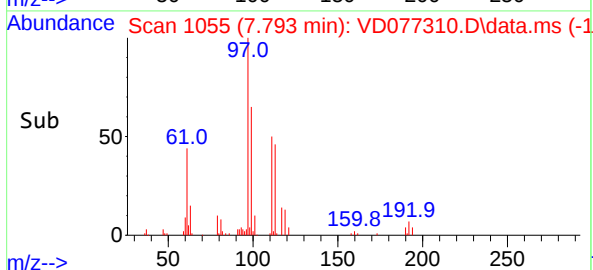
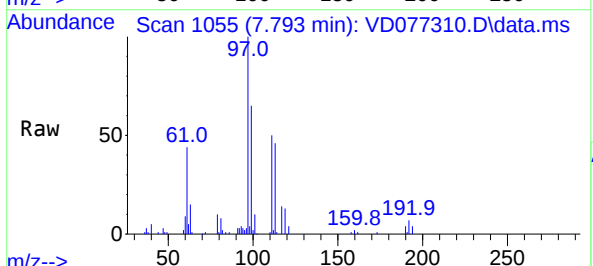
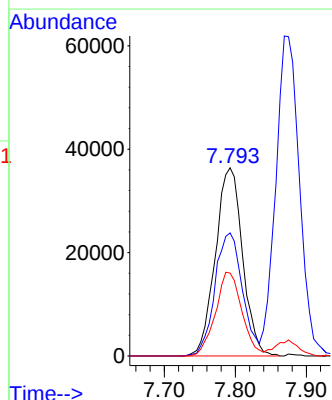
Tgt Ion: 97 Resp: 96703

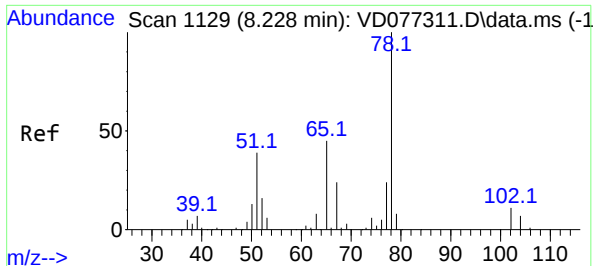
Ion Ratio Lower Upper

97 100

99 66.2 52.0 78.0

61 43.1 33.8 50.8

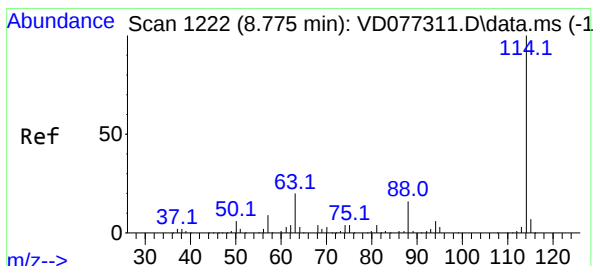
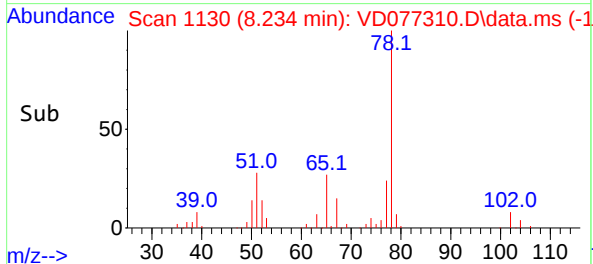
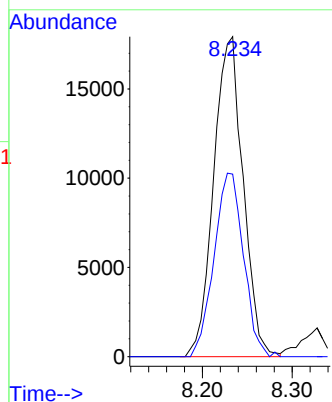
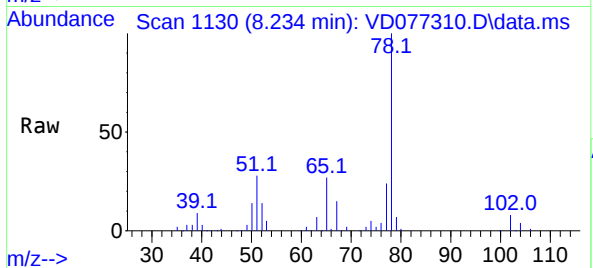




#33
1,2-Dichloroethane-d4
Concen: 19.944 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

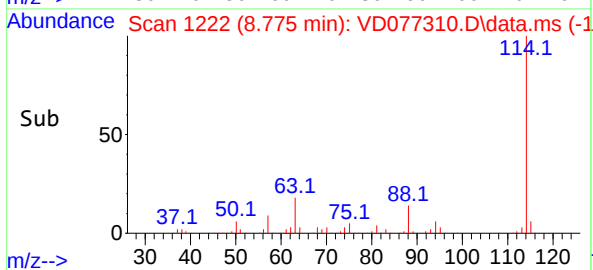
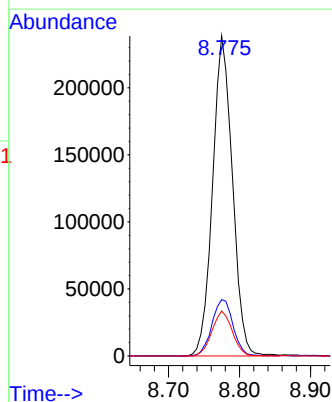
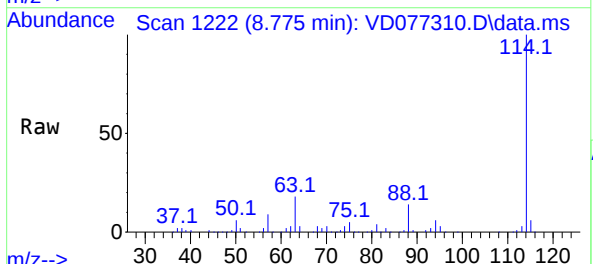
Instrument :
MSVOA_D
ClientSampleId :

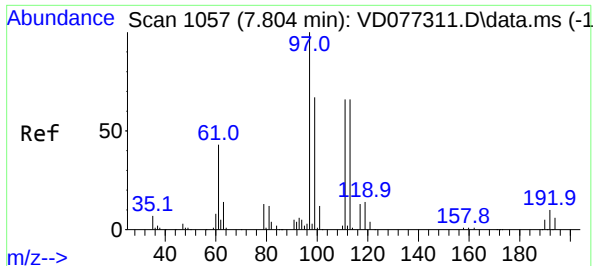
Tgt Ion: 65 Resp: 40831
Ion Ratio Lower Upper
65 100
67 57.4 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

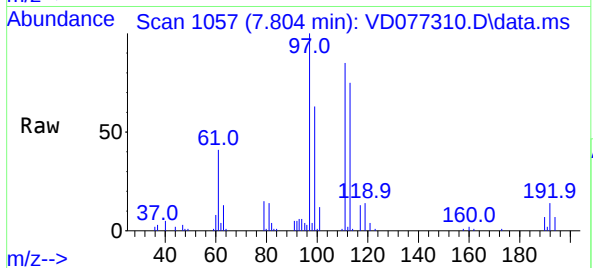
Tgt Ion: 114 Resp: 462515
Ion Ratio Lower Upper
114 100
63 17.6 0.0 33.4
88 14.0 0.0 26.2



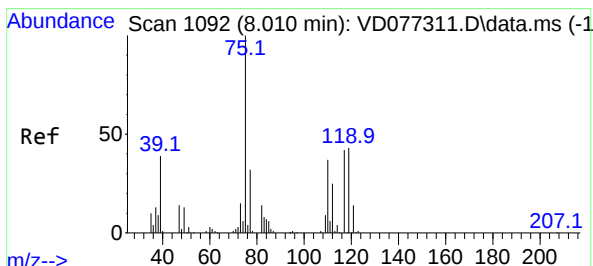
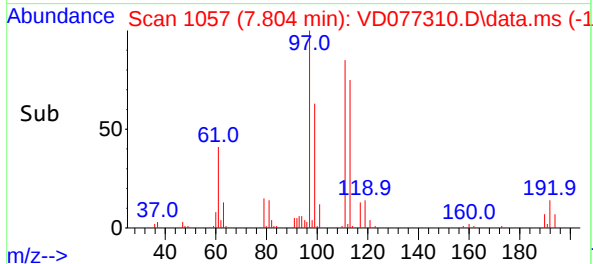
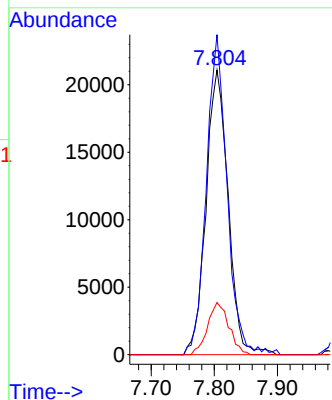


#35
Dibromofluoromethane
Concen: 20.967 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Instrument :
MSVOA_D
ClientSampleId :

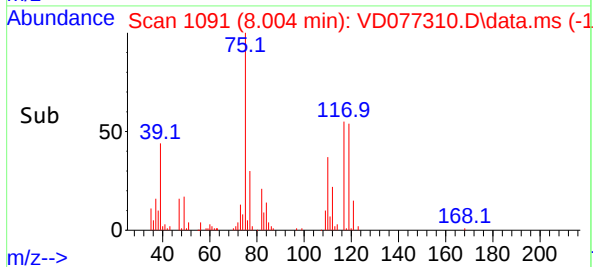
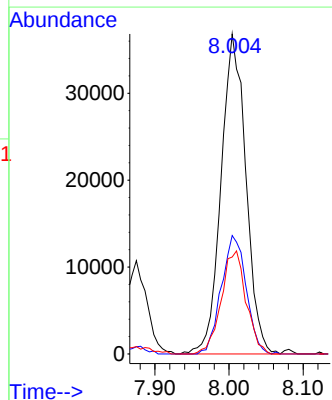
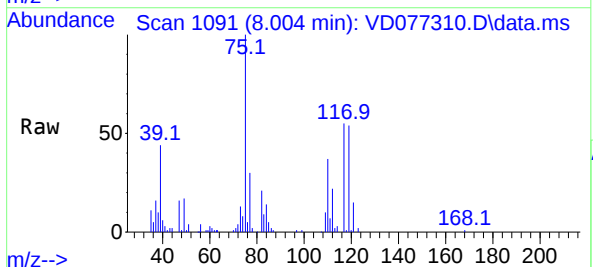


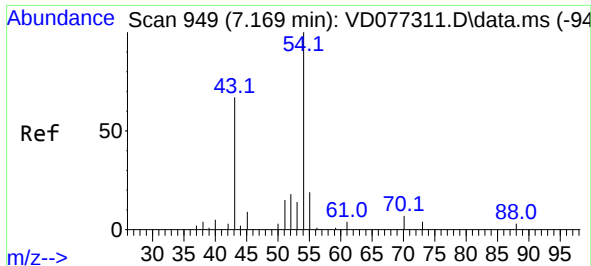
Tgt Ion:113 Resp: 51518
Ion Ratio Lower Upper
113 100
111 103.4 84.7 127.1
192 17.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.224 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion: 75 Resp: 85627
Ion Ratio Lower Upper
75 100
110 37.1 19.9 59.6
77 32.3 24.7 37.1





#37

Ethyl Acetate

Concen: 19.308 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD077310.D

Acq: 11 Oct 2023 17:11

Instrument :

MSVOA_D

ClientSampleId :

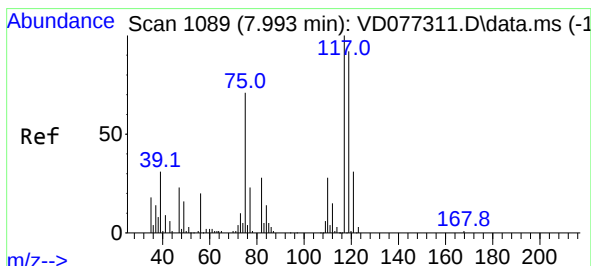
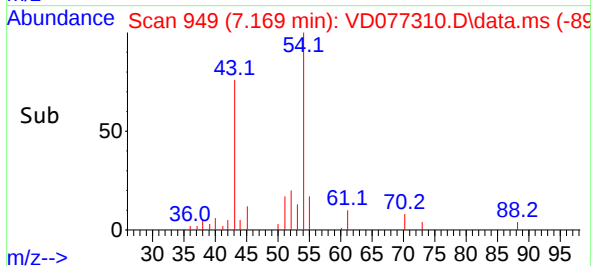
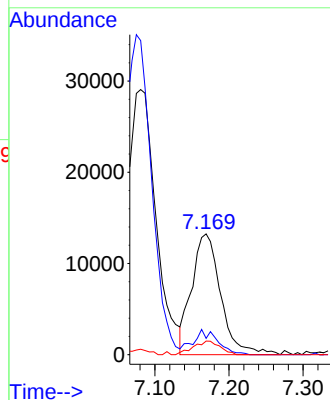
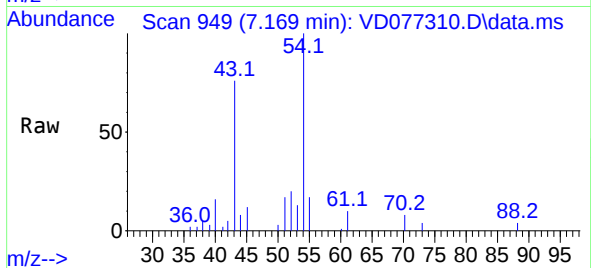
Tgt Ion: 43 Resp: 36080

Ion Ratio Lower Upper

43 100

61 17.7 14.9 22.3

70 10.3 10.0 15.0



#38

Carbon Tetrachloride

Concen: 19.650 ug/l

RT: 7.992 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD077310.D

Acq: 11 Oct 2023 17:11

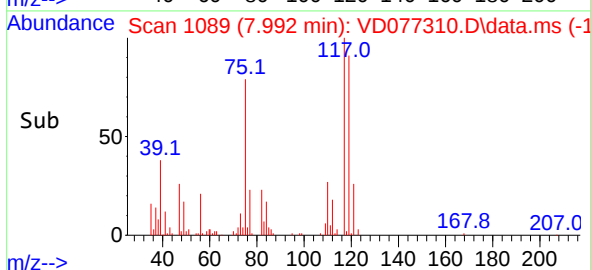
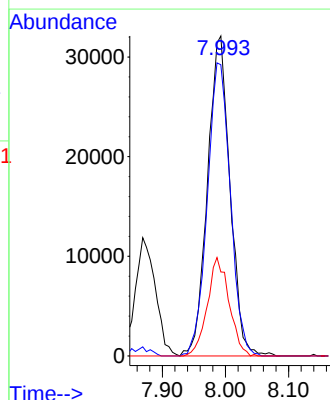
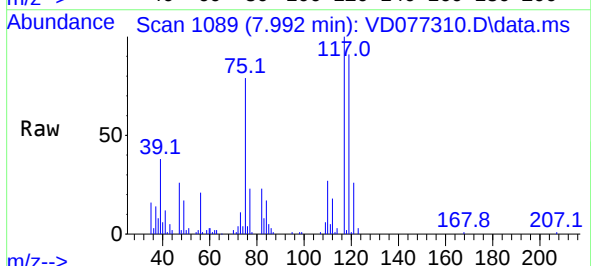
Tgt Ion: 117 Resp: 79396

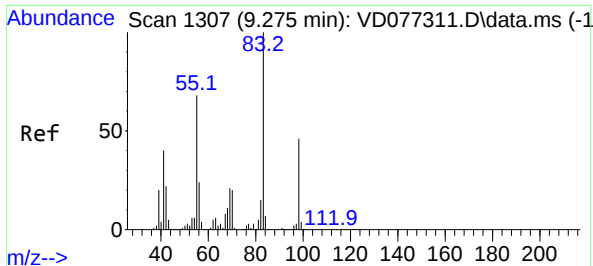
Ion Ratio Lower Upper

117 100

119 91.0 78.0 117.0

121 26.3 24.2 36.2





#39

Methylcyclohexane

Concen: 18.628 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

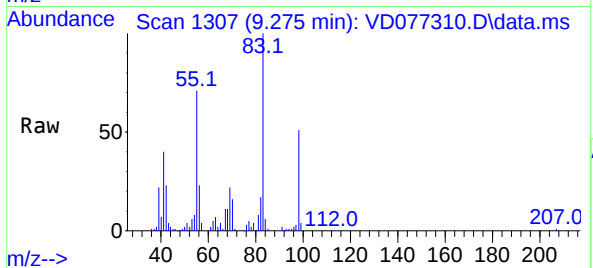
Lab File: VD077310.D

Acq: 11 Oct 2023 17:11

Instrument :

MSVOA_D

ClientSampleId :



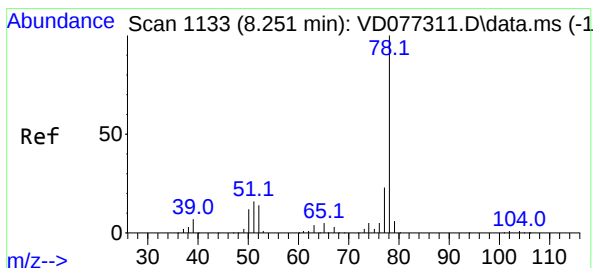
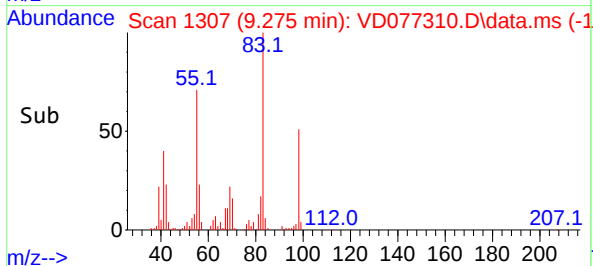
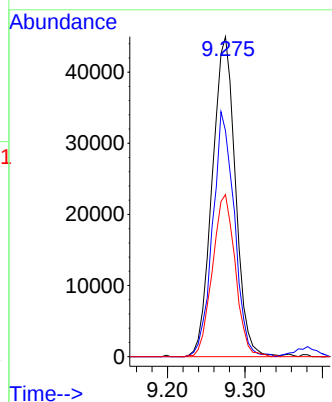
Tgt Ion: 83 Resp: 93506

Ion Ratio Lower Upper

83 100

55 70.6 49.4 74.0

98 50.6 38.4 57.6



#40

Benzene

Concen: 18.842 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD077310.D

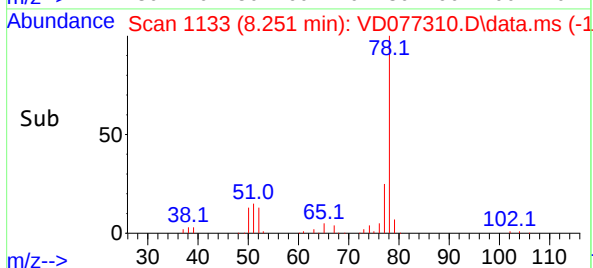
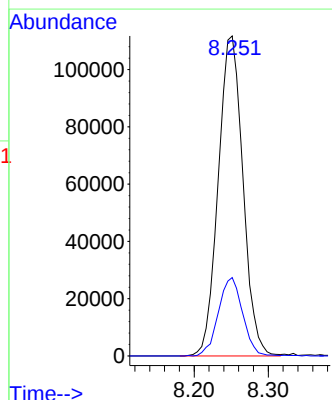
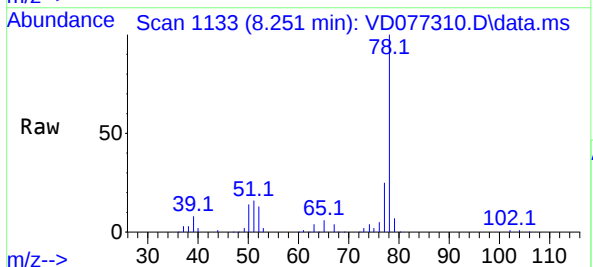
Acq: 11 Oct 2023 17:11

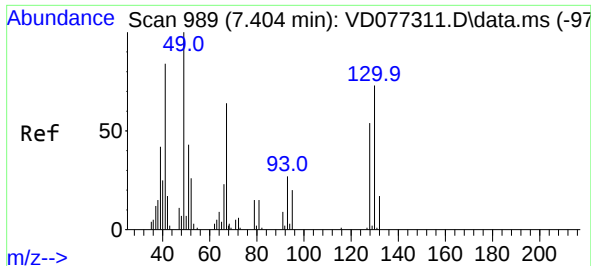
Tgt Ion: 78 Resp: 258929

Ion Ratio Lower Upper

78 100

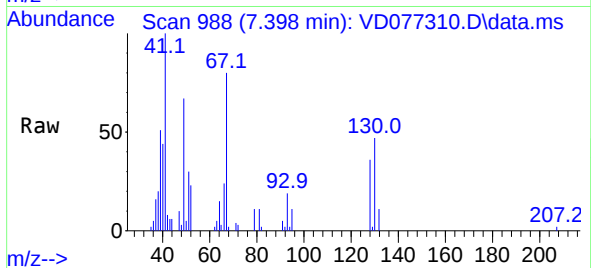
77 24.5 19.4 29.0





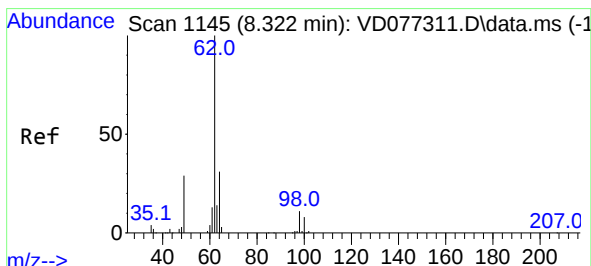
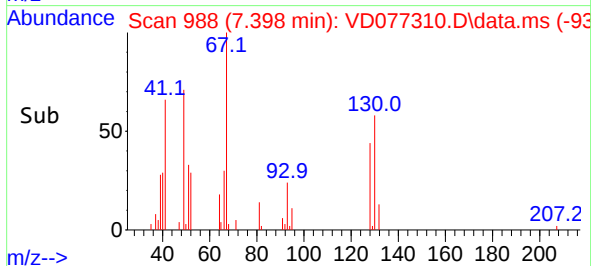
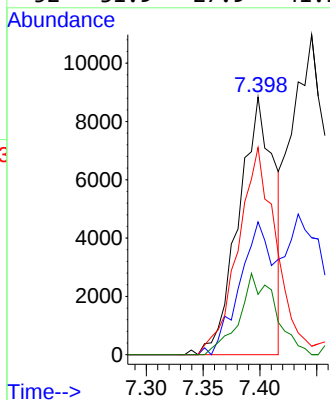
#41
Methacrylonitrile
Concen: 19.066 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 41 Resp: 19244

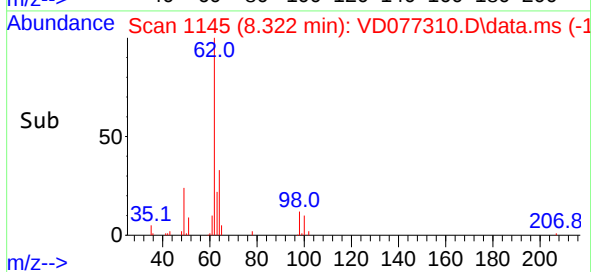
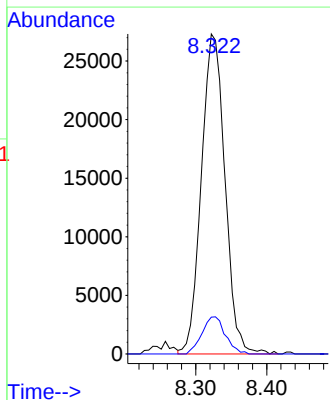
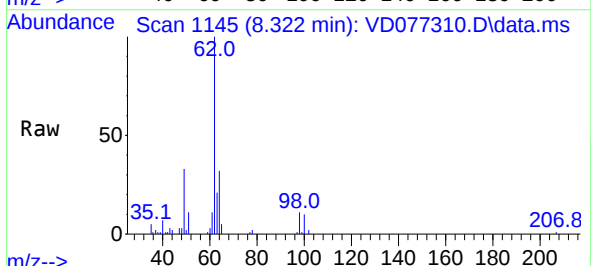
Ion	Ratio	Lower	Upper
41	100		
39	43.8	34.0	51.0
67	87.6	77.0	115.4
52	31.9	27.9	41.9

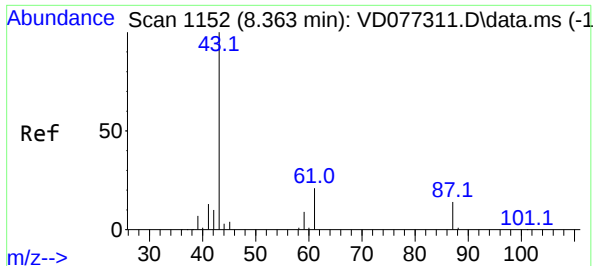


#42
1,2-Dichloroethane
Concen: 19.104 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion: 62 Resp: 63103

Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	25.4

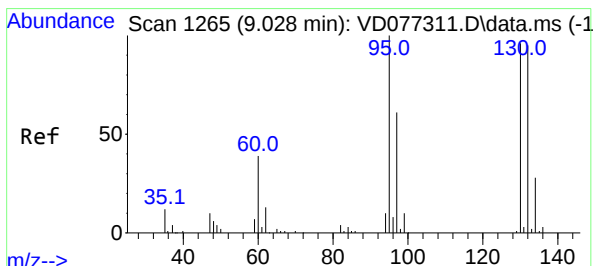
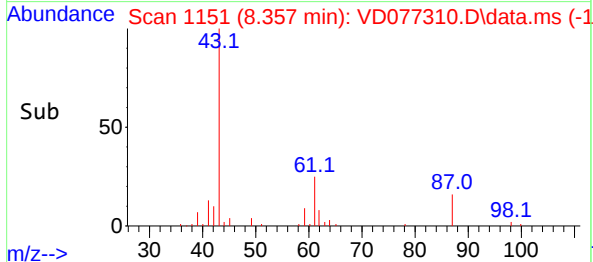
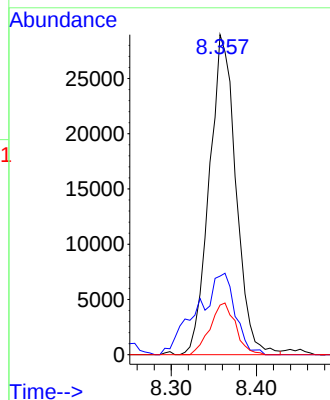
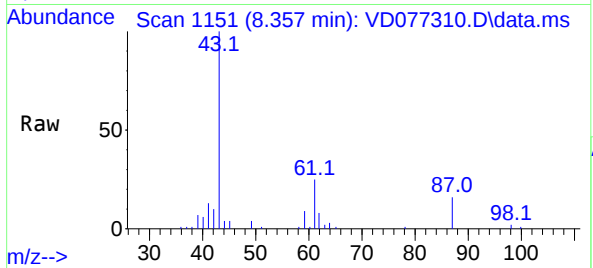




#43
Isopropyl Acetate
Concen: 19.006 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

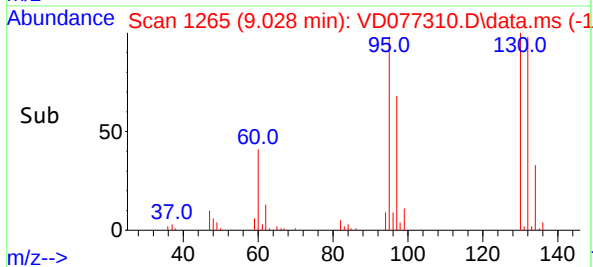
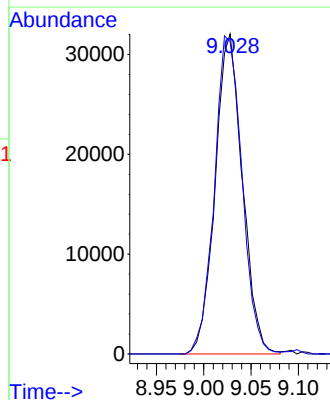
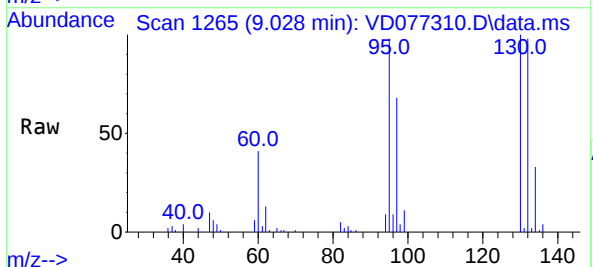
Instrument :
MSVOA_D
ClientSampleId :

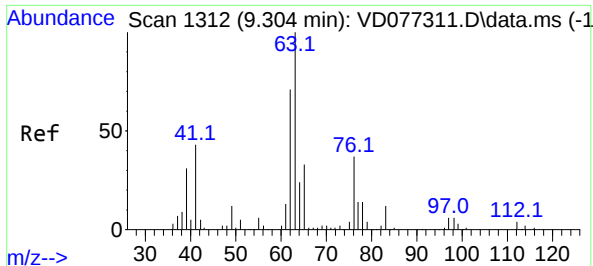
Tgt Ion: 43 Resp: 62938
Ion Ratio Lower Upper
43 100
61 36.5 31.4 47.0
87 15.5 14.9 22.3



#44
Trichloroethene
Concen: 19.019 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion:130 Resp: 64046
Ion Ratio Lower Upper
130 100
95 97.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.204 ug/l

RT: 9.298 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077310.D

Acq: 11 Oct 2023 17:11

Instrument :

MSVOA_D

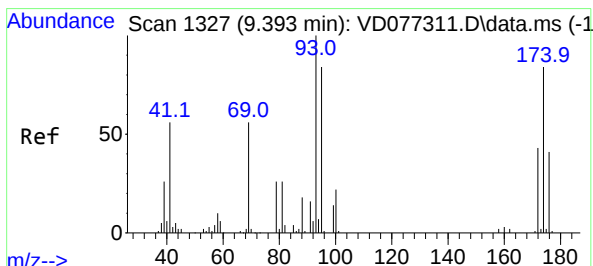
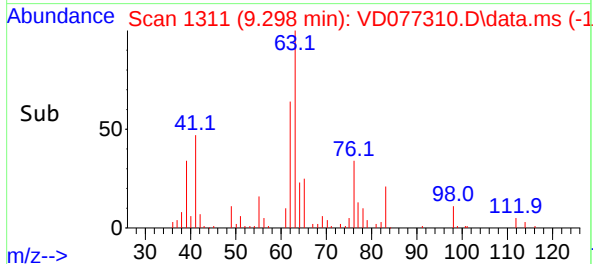
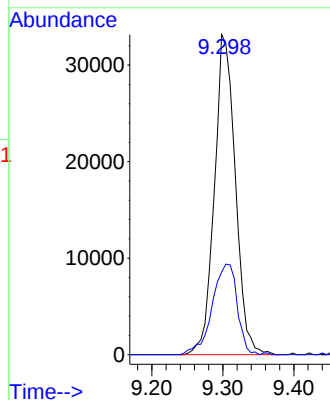
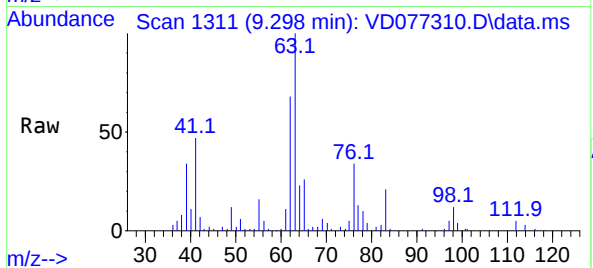
ClientSampleId :

Tgt Ion: 63 Resp: 67873

Ion Ratio Lower Upper

63 100

65 25.8 24.5 36.7



#46

Dibromomethane

Concen: 20.315 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077310.D

Acq: 11 Oct 2023 17:11

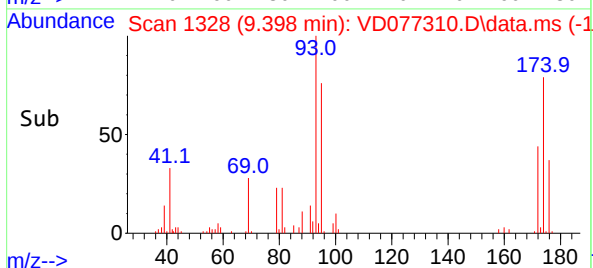
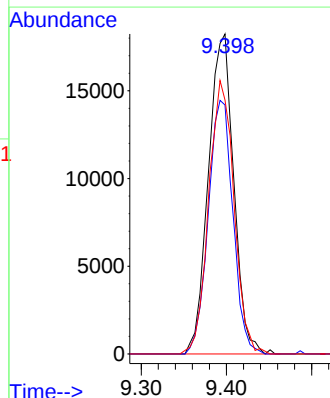
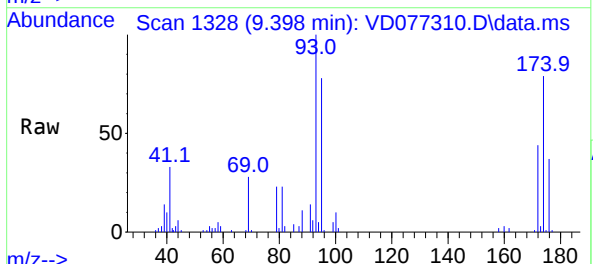
Tgt Ion: 93 Resp: 37635

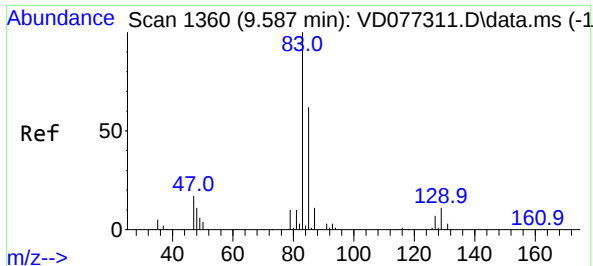
Ion Ratio Lower Upper

93 100

95 77.3 67.7 101.5

174 85.2 85.4 128.2#

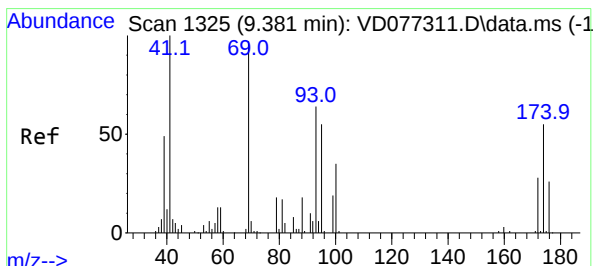
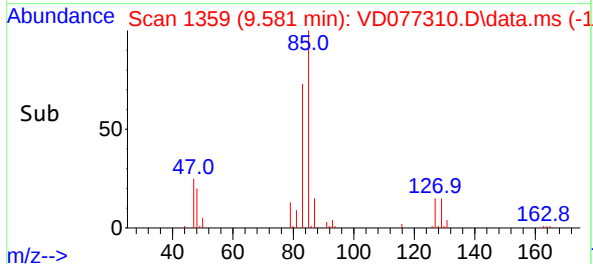
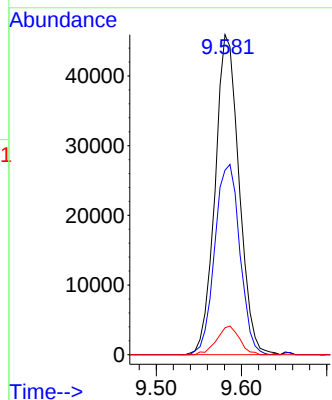
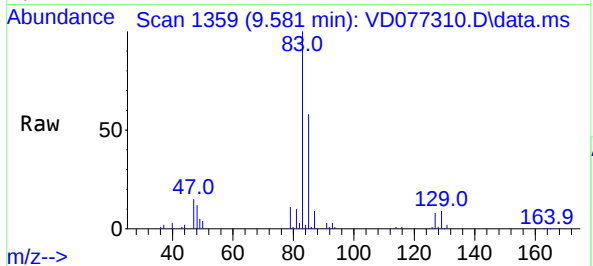




#47
Bromodichloromethane
Concen: 19.825 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

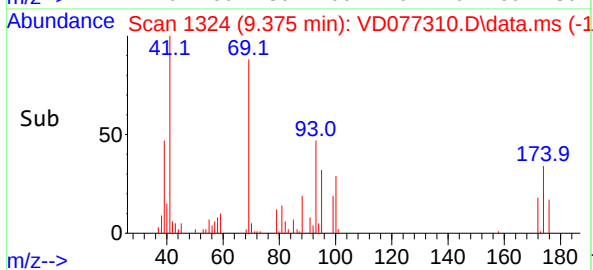
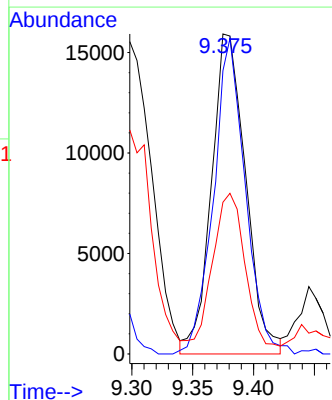
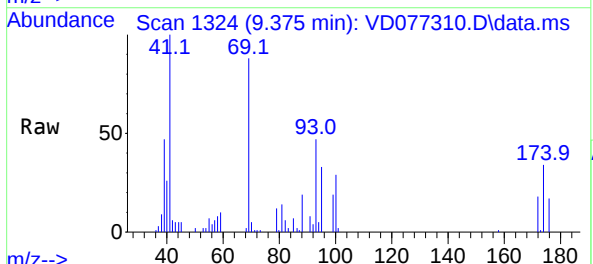
Instrument :
MSVOA_D
ClientSampleId :

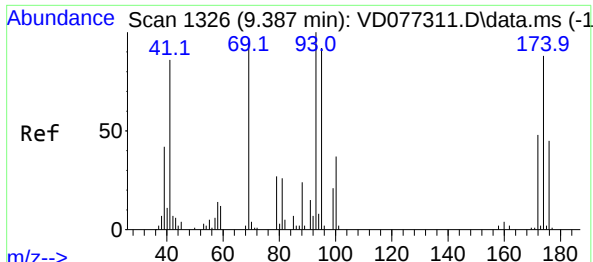
Tgt Ion: 83 Resp: 90046
Ion Ratio Lower Upper
83 100
85 57.6 50.2 75.4
127 8.4 6.3 9.5



#48
Methyl methacrylate
Concen: 20.377 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion: 41 Resp: 31084
Ion Ratio Lower Upper
41 100
69 91.8 102.2 153.2#
39 49.6 41.4 62.2

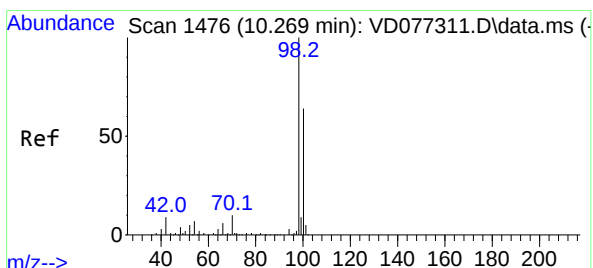
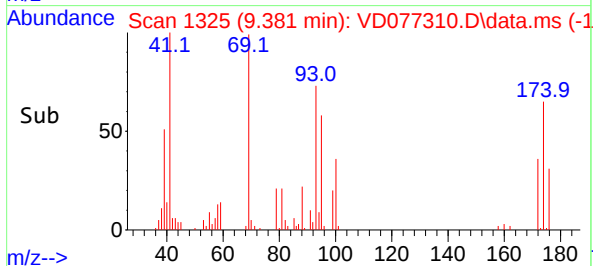
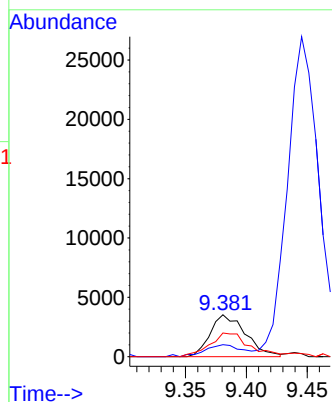
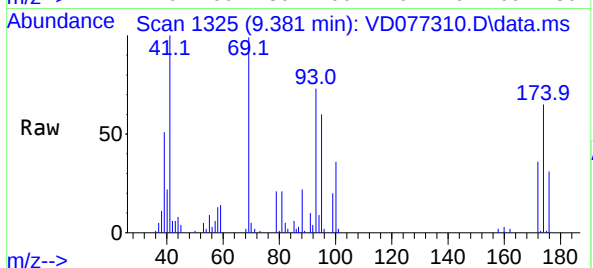




#49
1,4-Dioxane
Concen: 372.951 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

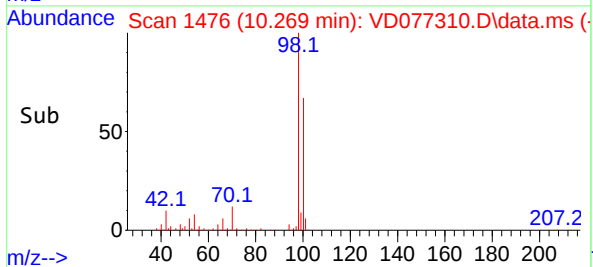
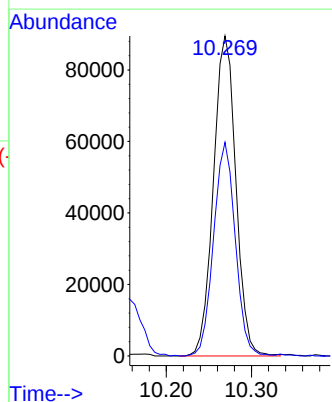
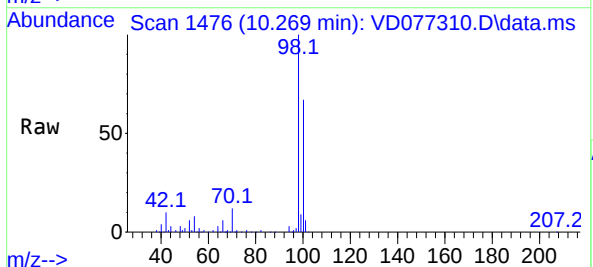
Instrument :
MSVOA_D
ClientSampleId :

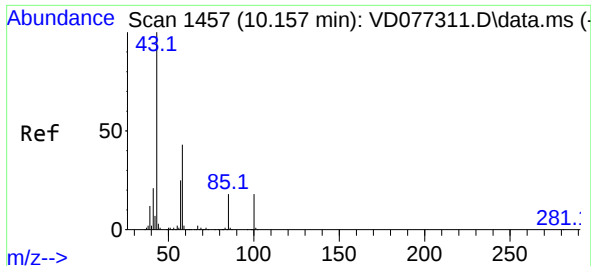
Tgt Ion: 88 Resp: 7142
Ion Ratio Lower Upper
88 100
43 30.3 19.0 28.6#
58 63.5 43.5 65.3



#50
Toluene-d8
Concen: 20.311 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion: 98 Resp: 164080
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5

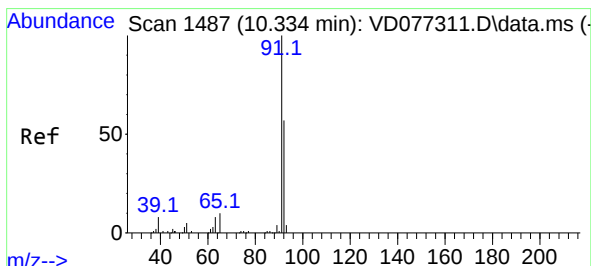
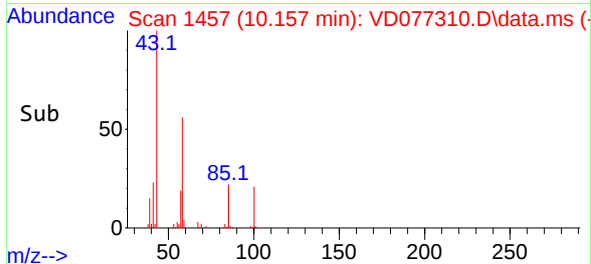
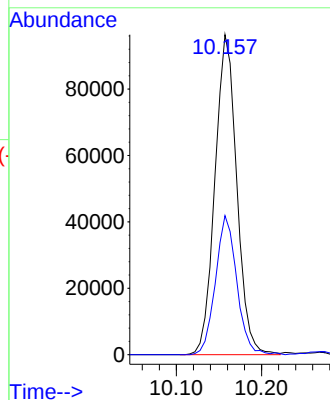
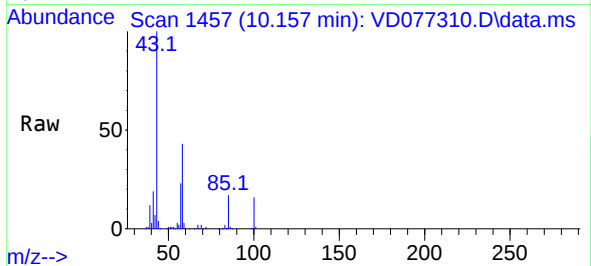




#51
4-Methyl-2-Pentanone
Concen: 99.137 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

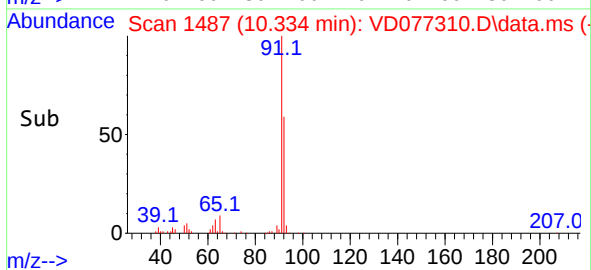
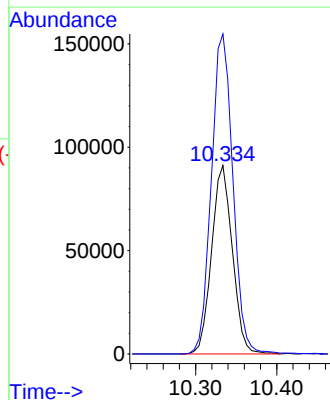
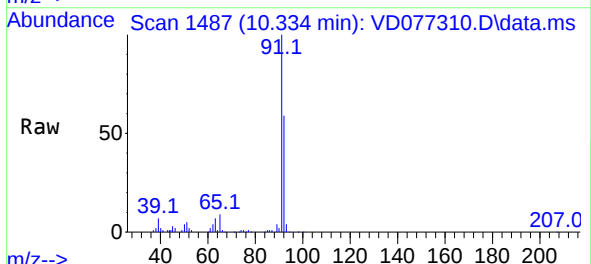
Instrument :
MSVOA_D
ClientSampleId :

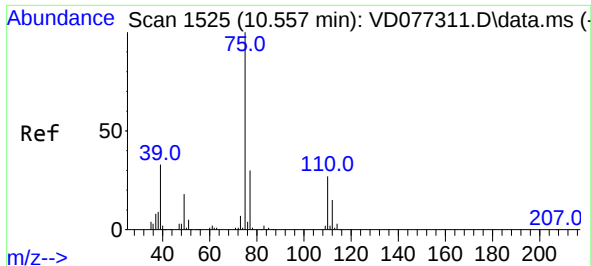
Tgt Ion: 43 Resp: 171581
Ion Ratio Lower Upper
43 100
58 42.4 38.9 58.3



#52
Toluene
Concen: 19.340 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion: 92 Resp: 162206
Ion Ratio Lower Upper
92 100
91 175.9 143.0 214.4

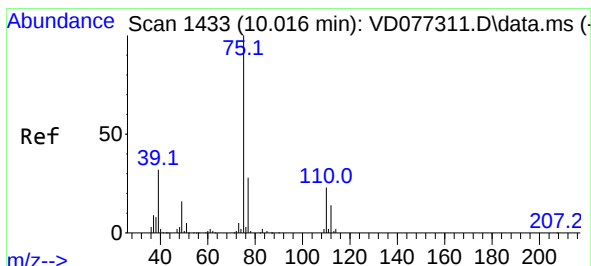
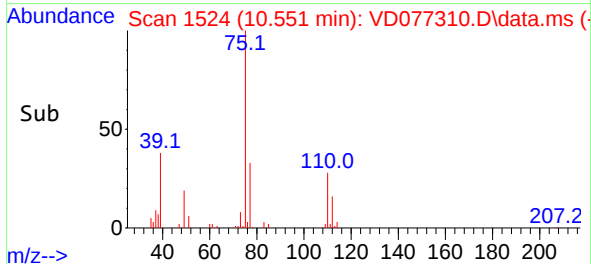
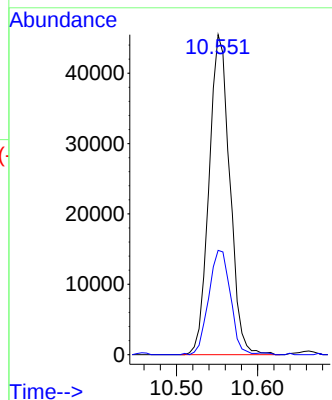
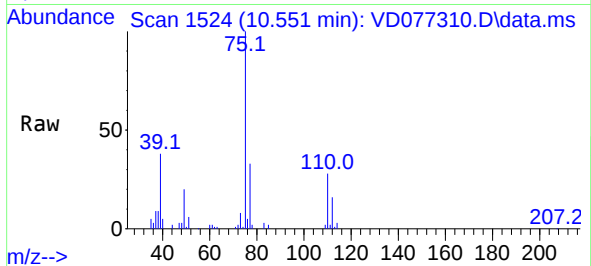




#53
 t-1,3-Dichloropropene
 Concen: 18.935 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD077310.D
 Acq: 11 Oct 2023 17:11

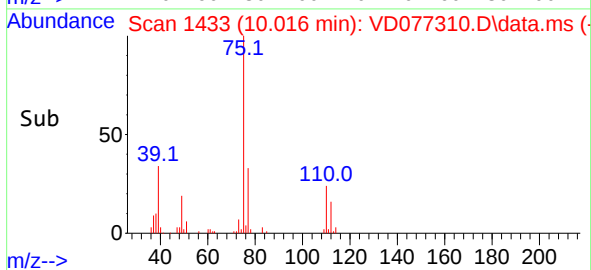
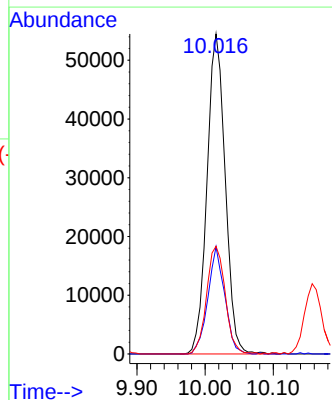
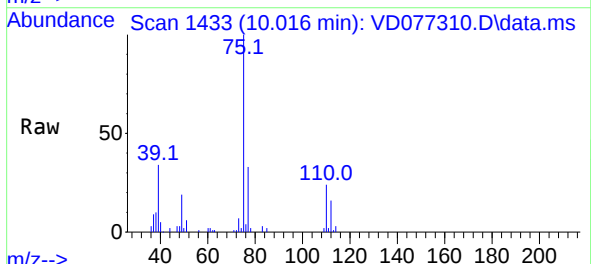
Instrument :
 MSVOA_D
 ClientSampleId :

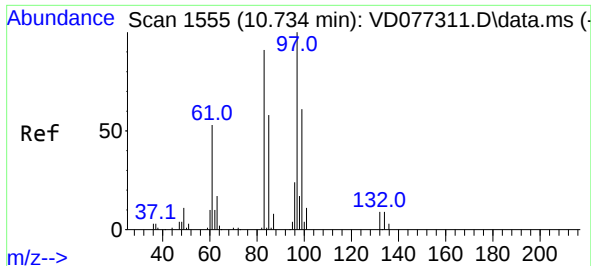
Tgt Ion: 75 Resp: 80636
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.185 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD077310.D
 Acq: 11 Oct 2023 17:11

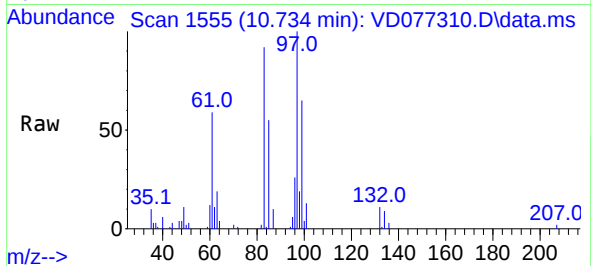
Tgt Ion: 75 Resp: 101324
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.5 38.3
 39 33.7 22.1 33.1#





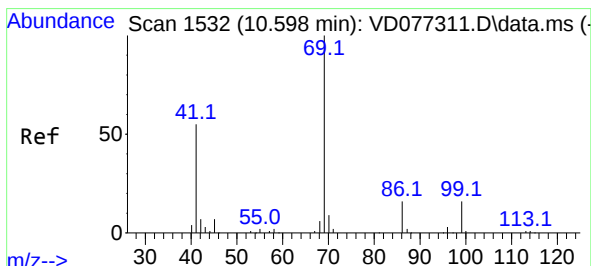
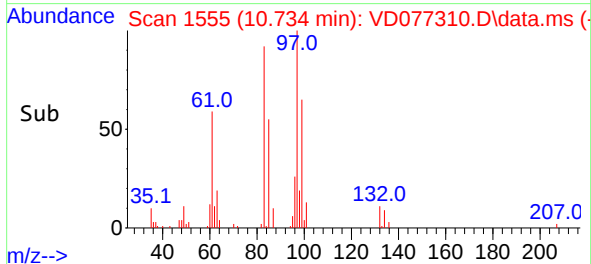
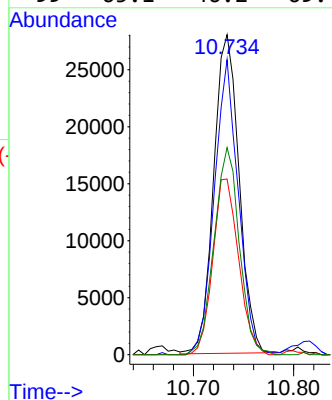
#55
1,1,2-Trichloroethane
Concen: 19.560 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 49249

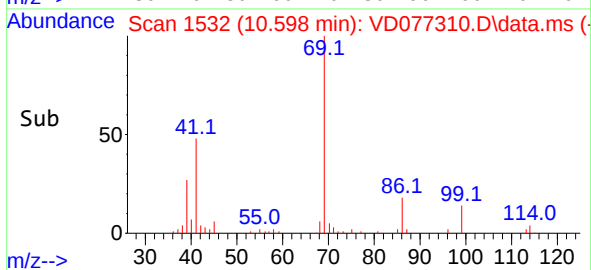
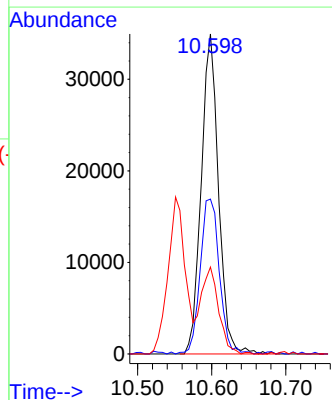
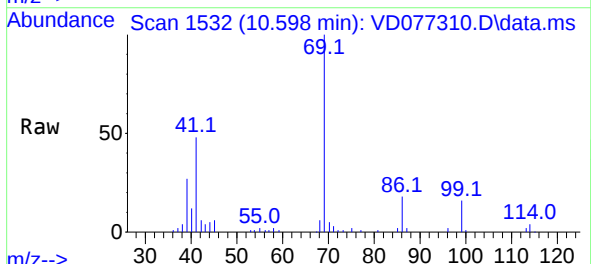
Ion	Ratio	Lower	Upper
97	100		
83	92.8	65.8	98.6
85	55.3	45.7	68.5
99	65.1	46.2	69.4

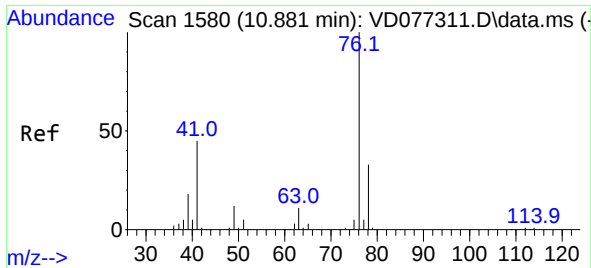


#56
Ethyl methacrylate
Concen: 18.776 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion: 69 Resp: 56581

Ion	Ratio	Lower	Upper
69	100		
41	53.6	39.1	58.7
39	28.4	20.0	30.0





#57

1,3-Dichloropropane

Concen: 19.477 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077310.D

Acq: 11 Oct 2023 17:11

Instrument :

MSVOA_D

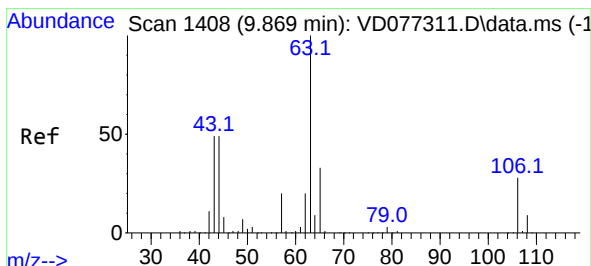
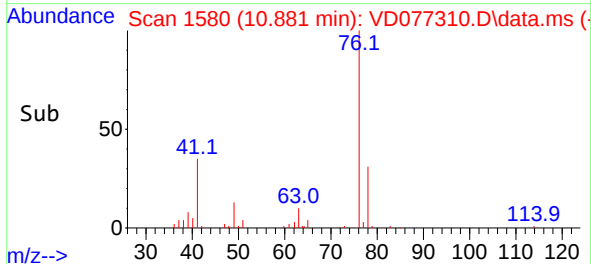
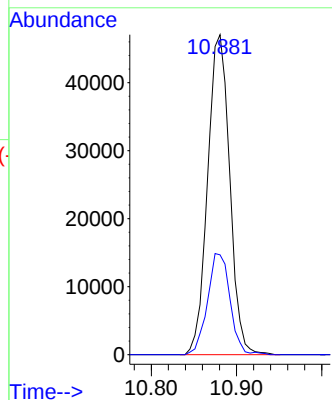
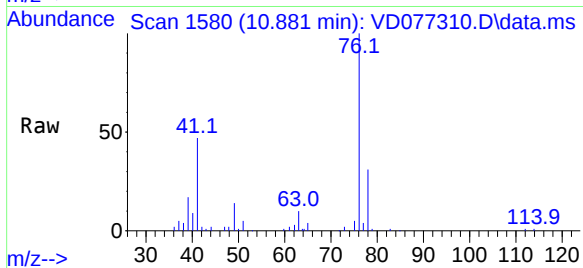
ClientSampleId :

Tgt Ion: 76 Resp: 84685

Ion Ratio Lower Upper

76 100

78 32.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 93.982 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077310.D

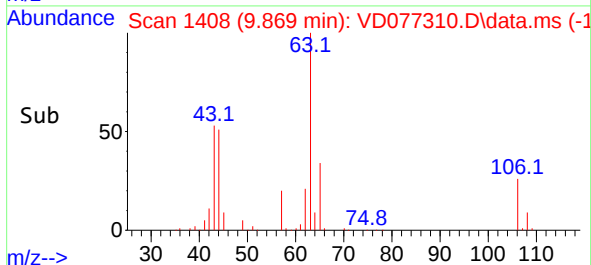
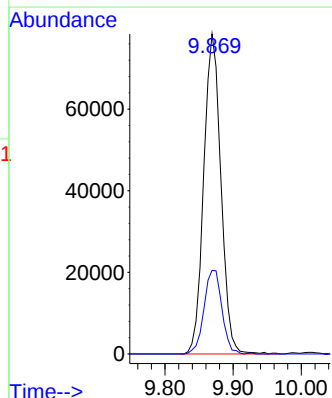
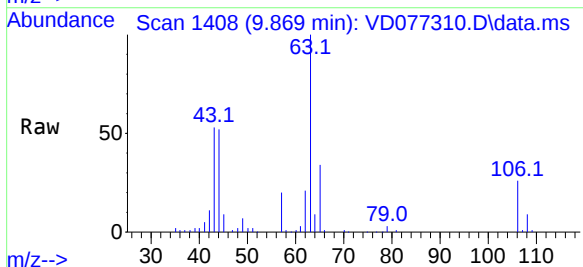
Acq: 11 Oct 2023 17:11

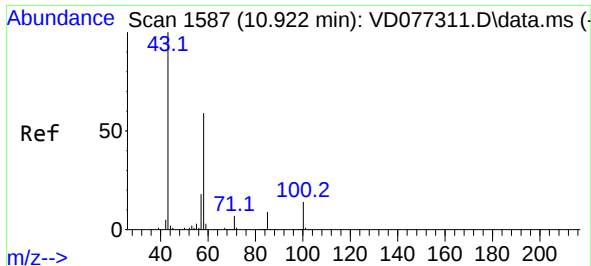
Tgt Ion: 63 Resp: 137557

Ion Ratio Lower Upper

63 100

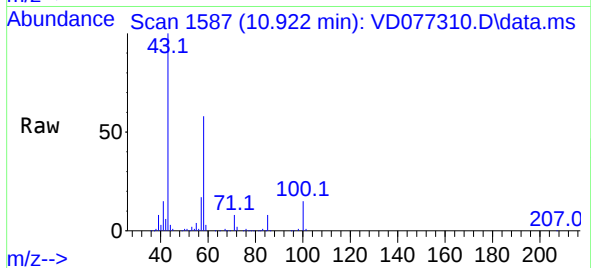
106 27.2 25.3 37.9



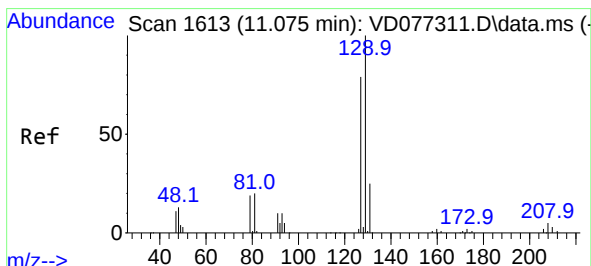
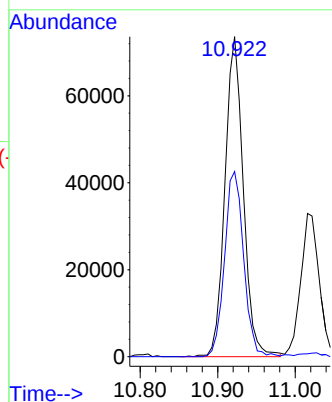
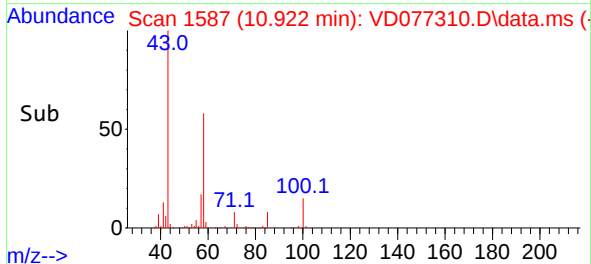


#59
2-Hexanone
Concen: 98.900 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Instrument :
MSVOA_D
ClientSampleId :

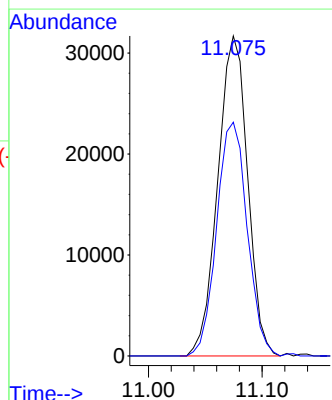
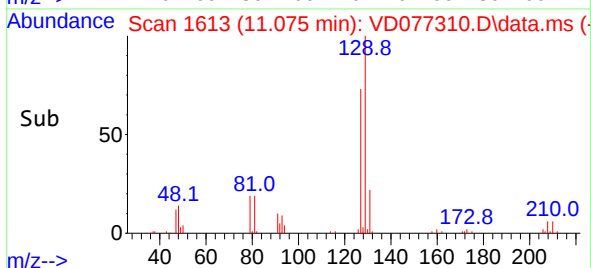
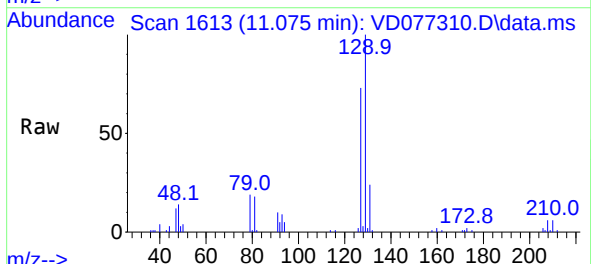


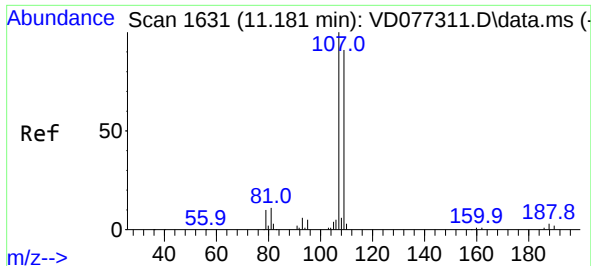
Tgt Ion: 43 Resp: 121054
Ion Ratio Lower Upper
43 100
58 60.2 34.1 102.2



#60
Dibromochloromethane
Concen: 20.092 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion: 129 Resp: 57779
Ion Ratio Lower Upper
129 100
127 75.1 37.1 111.5

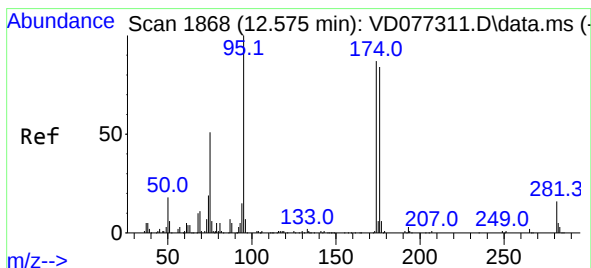
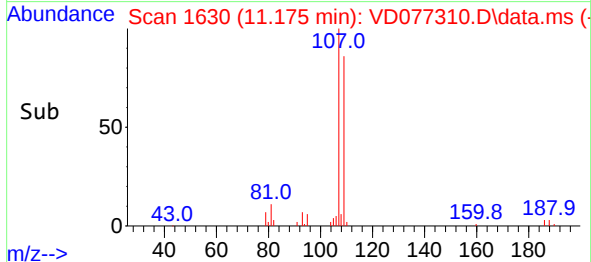
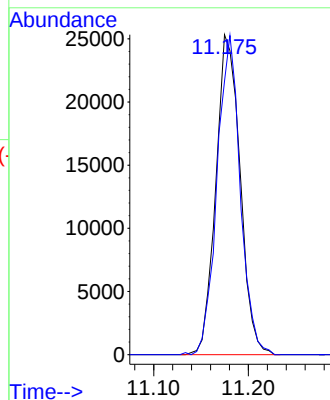
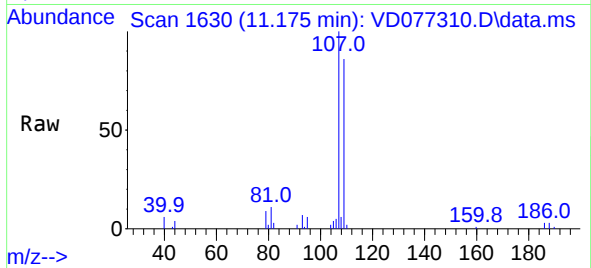




#61
1,2-Dibromoethane
Concen: 19.603 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

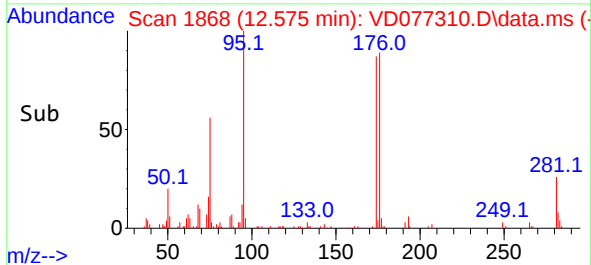
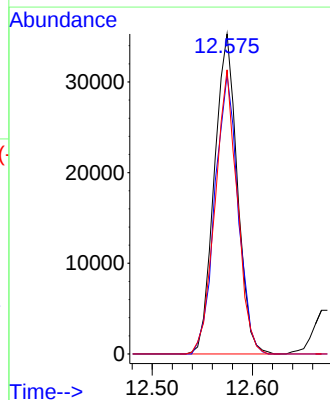
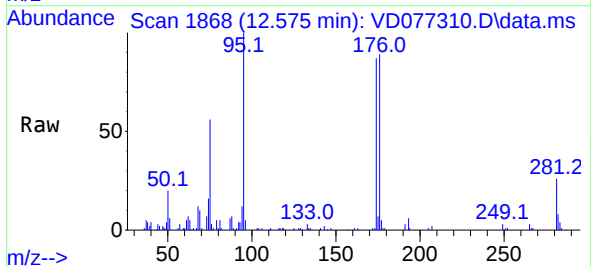
Instrument :
MSVOA_D
ClientSampleId :

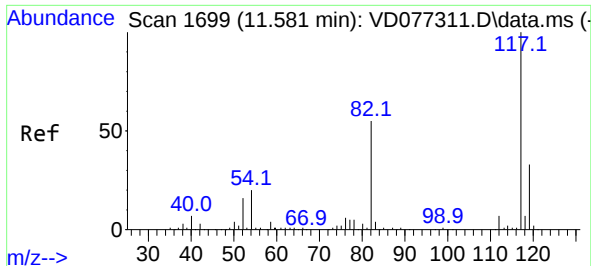
Tgt Ion:107 Resp: 45053
Ion Ratio Lower Upper
107 100
109 95.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 20.681 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

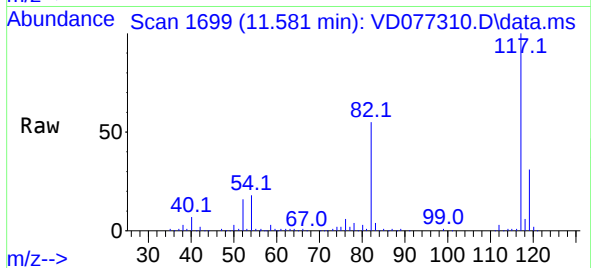
Tgt Ion: 95 Resp: 56111
Ion Ratio Lower Upper
95 100
174 87.7 0.0 201.8
176 85.6 0.0 191.8



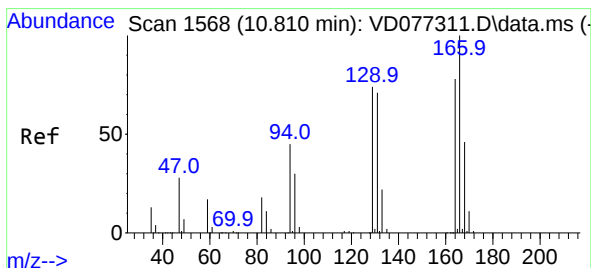
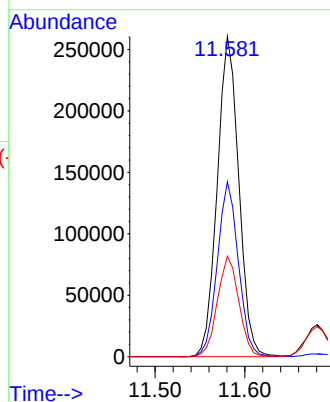
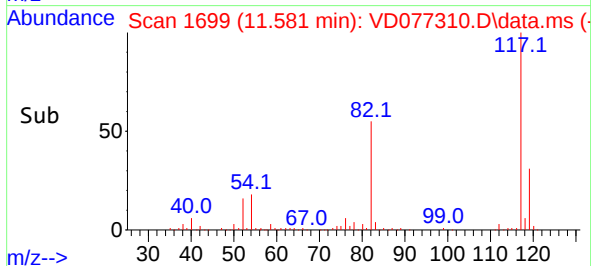


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

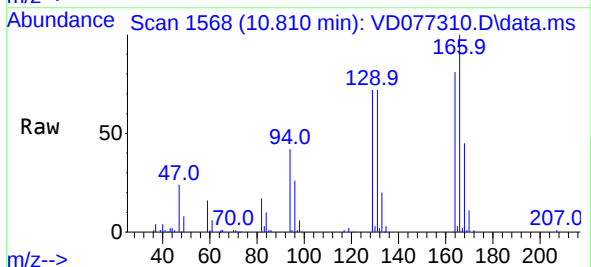
Instrument :
MSVOA_D
ClientSampleId :



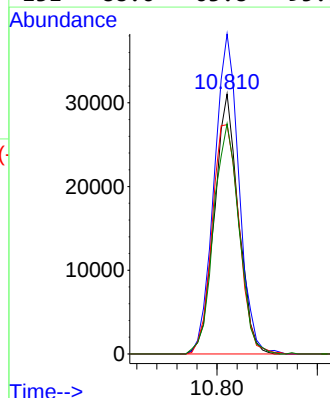
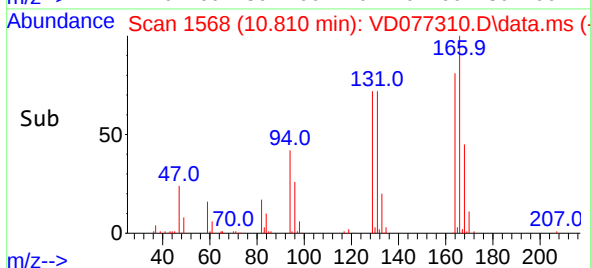
Tgt Ion:117 Resp: 434480
Ion Ratio Lower Upper
117 100
82 54.7 38.3 57.5
119 31.4 25.0 37.4

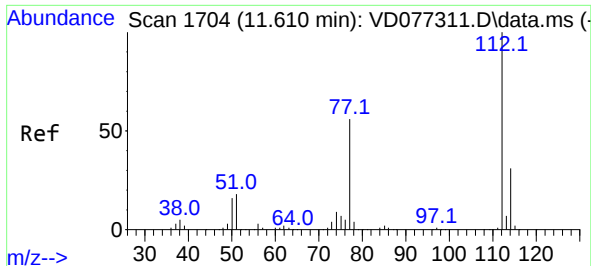


#64
Tetrachloroethene
Concen: 18.672 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11



Tgt Ion:164 Resp: 51792
Ion Ratio Lower Upper
164 100
166 123.1 99.2 148.8
129 88.2 68.4 102.6
131 88.6 63.8 95.8

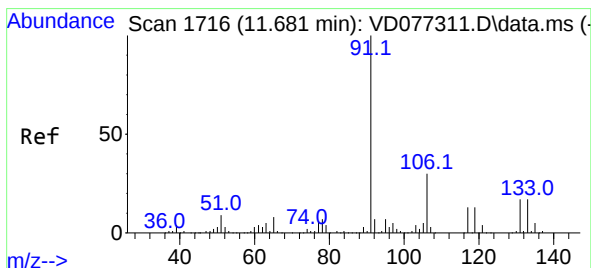
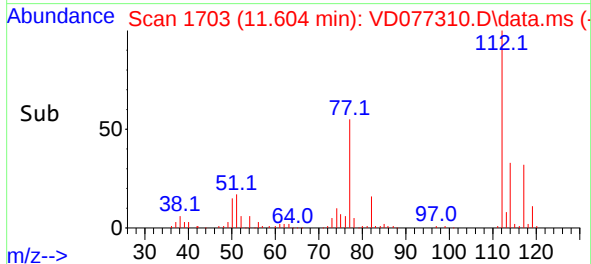
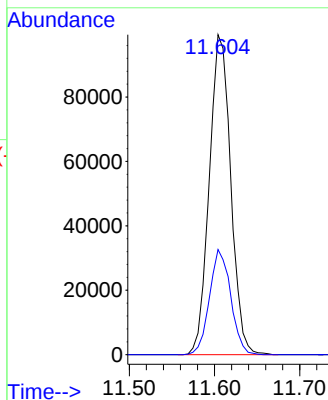
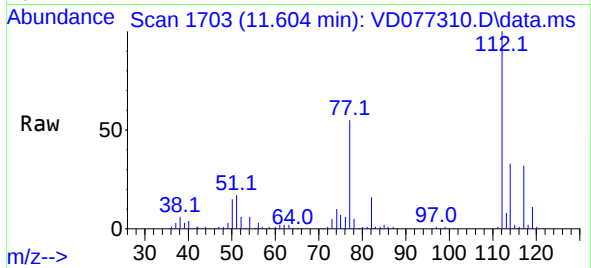




#65
Chlorobenzene
Concen: 19.251 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

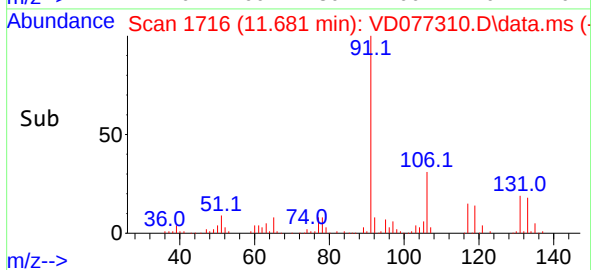
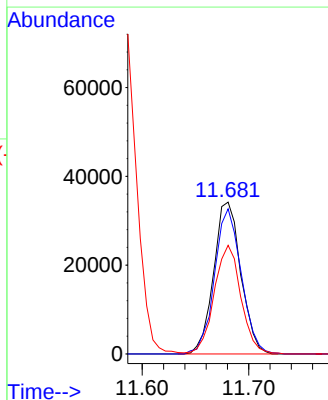
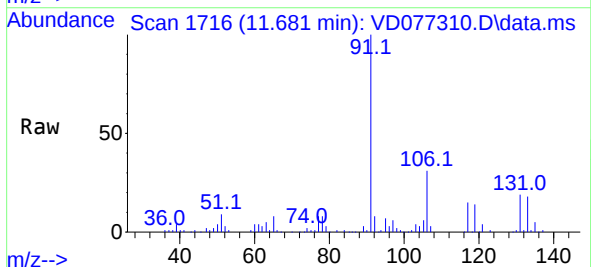
Instrument :
MSVOA_D
ClientSampleId :

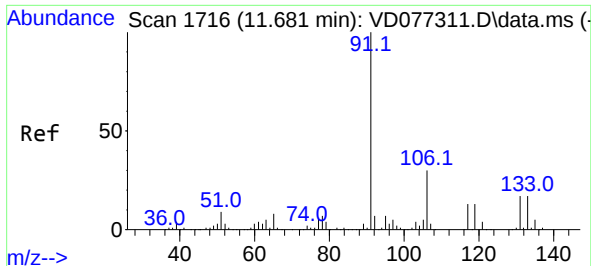
Tgt Ion:112 Resp: 173945
Ion Ratio Lower Upper
112 100
114 32.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.011 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion:131 Resp: 60593
Ion Ratio Lower Upper
131 100
133 94.1 48.5 145.5
119 70.4 35.6 106.9

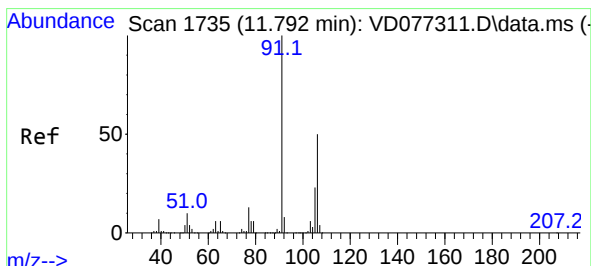
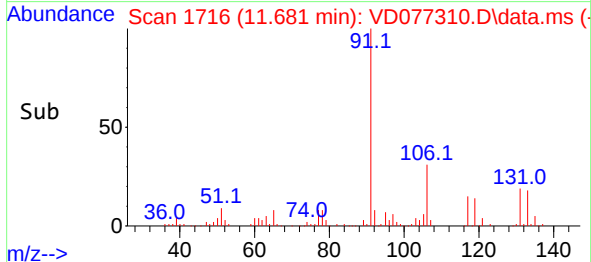
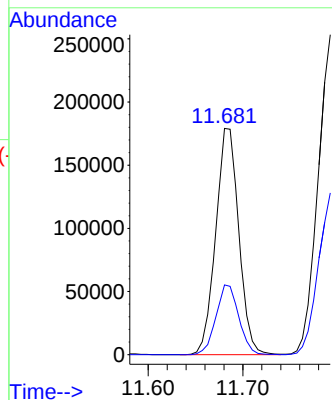
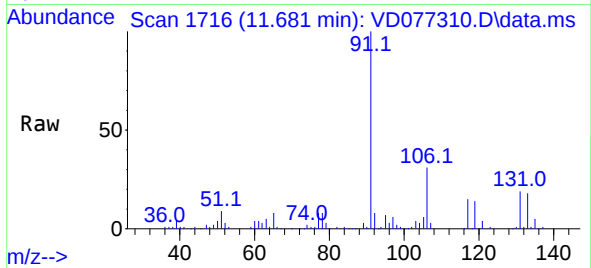




#67
Ethyl Benzene
Concen: 18.825 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

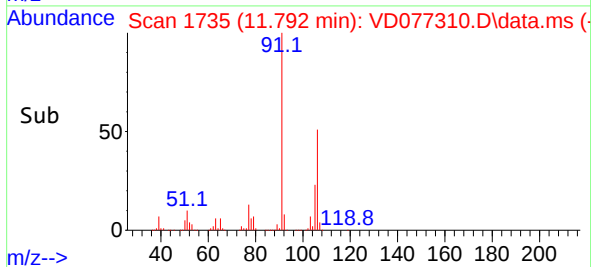
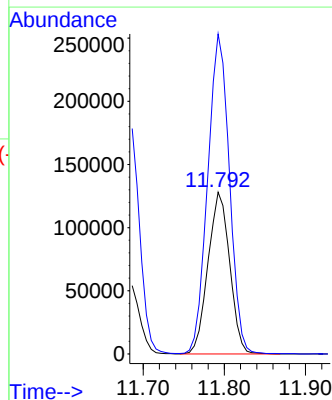
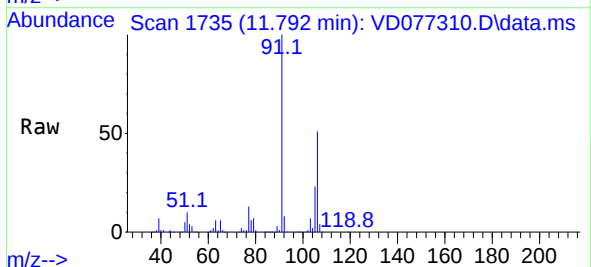
Instrument :
MSVOA_D
ClientSampleId :

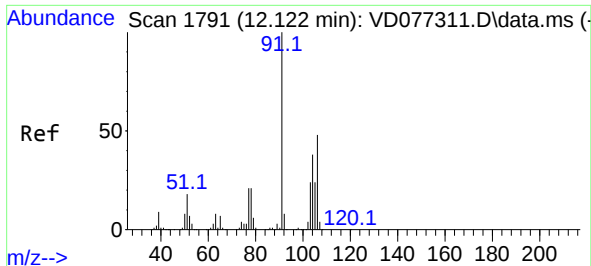
Tgt Ion: 91 Resp: 303557
Ion Ratio Lower Upper
91 100
106 30.9 26.5 39.7



#68
m/p-Xylenes
Concen: 38.267 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion: 106 Resp: 237483
Ion Ratio Lower Upper
106 100
91 198.4 147.0 220.6

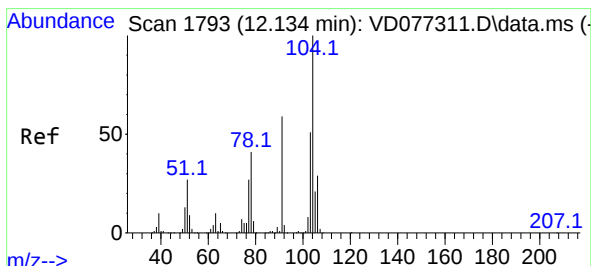
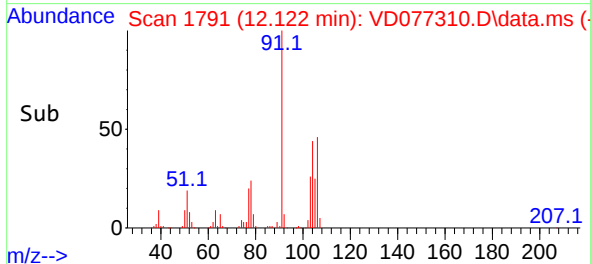
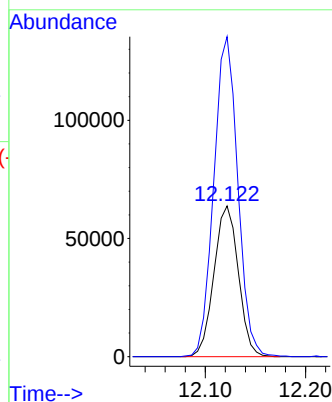
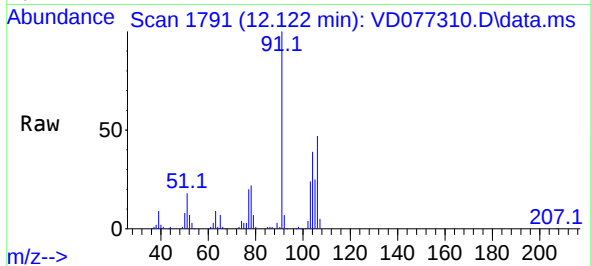




#69
o-Xylene
Concen: 18.694 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

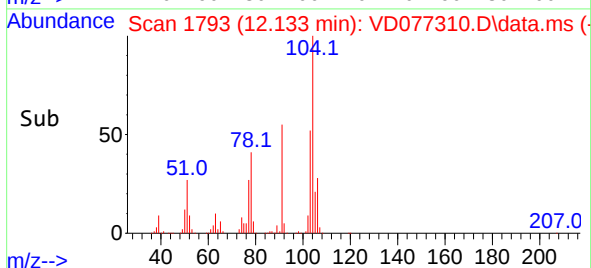
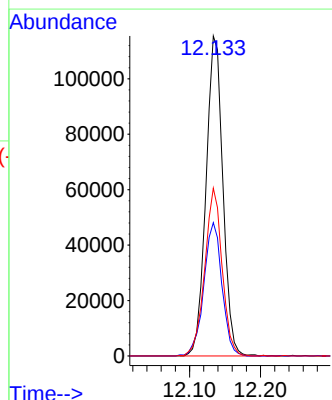
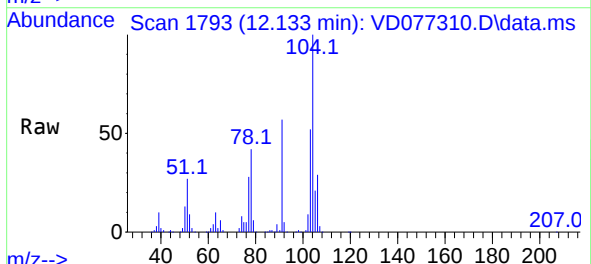
Instrument :
MSVOA_D
ClientSampleId :

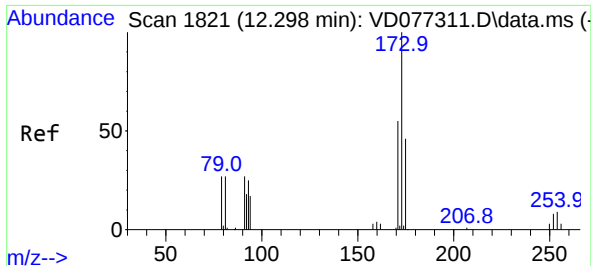
Tgt Ion:106 Resp: 107378
Ion Ratio Lower Upper
106 100
91 209.0 97.9 293.6



#70
Styrene
Concen: 19.163 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

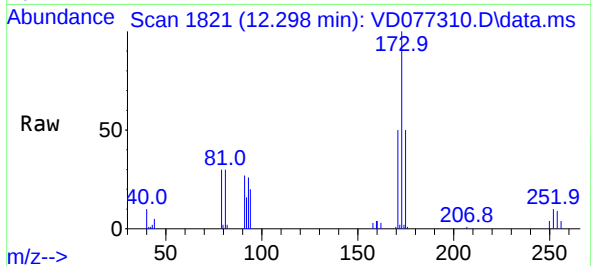
Tgt Ion:104 Resp: 190737
Ion Ratio Lower Upper
104 100
78 44.8 33.2 49.8
103 54.1 43.6 65.4



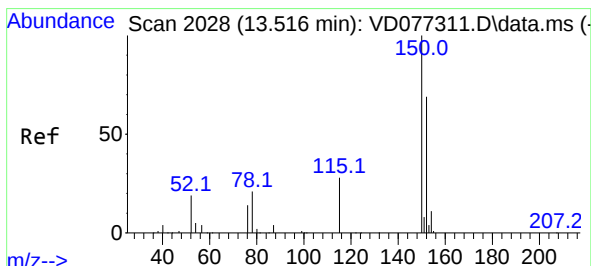
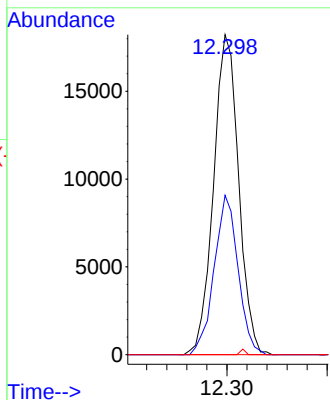
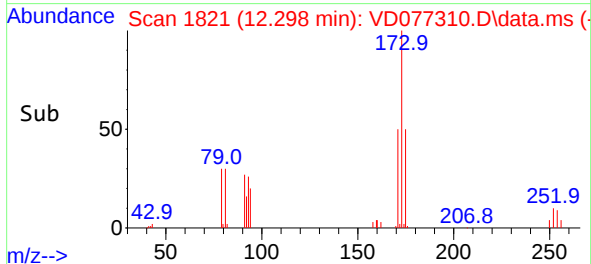


#71
Bromoform
Concen: 19.571 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Instrument :
MSVOA_D
ClientSampleId :

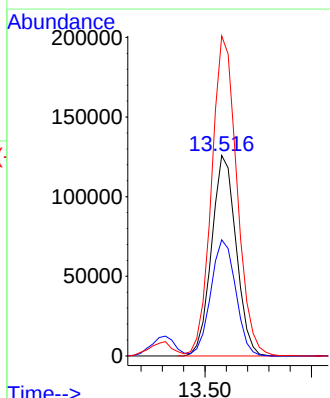
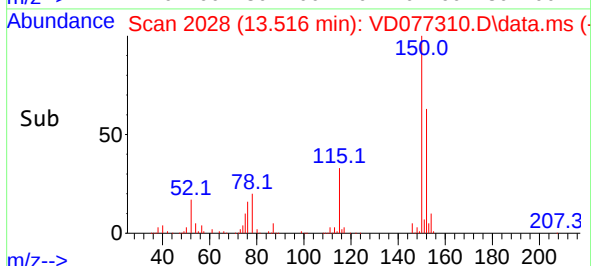
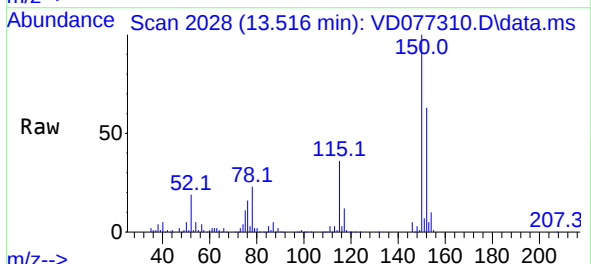


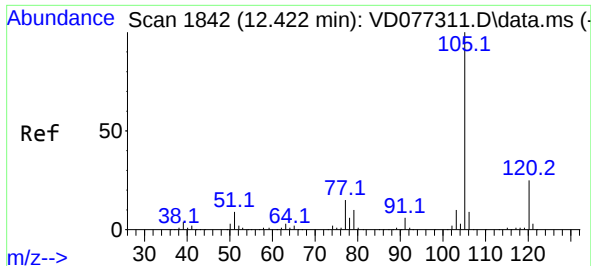
Tgt Ion:173 Resp: 31659
Ion Ratio Lower Upper
173 100
175 47.4 24.6 73.8
254 0.4 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion:152 Resp: 201002
Ion Ratio Lower Upper
152 100
115 58.7 27.1 81.3
150 165.1 0.0 353.6

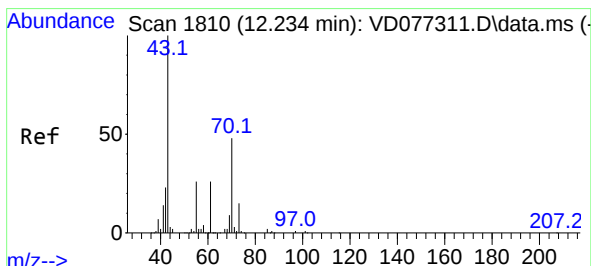
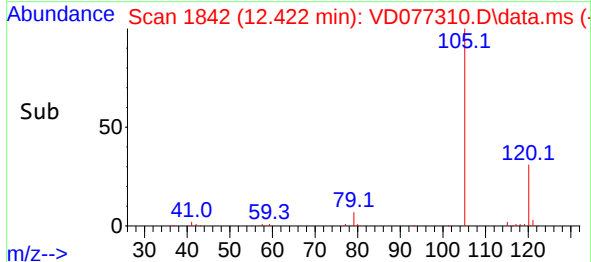
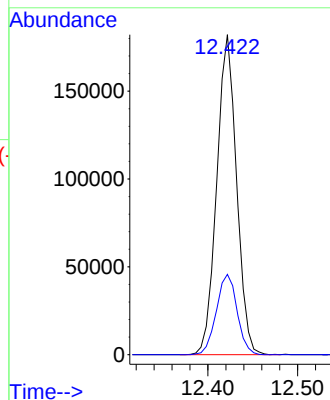
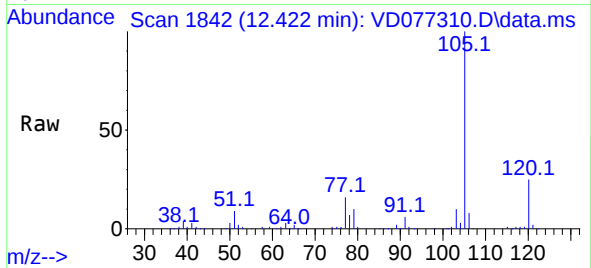




#73
Isopropylbenzene
Concen: 18.796 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

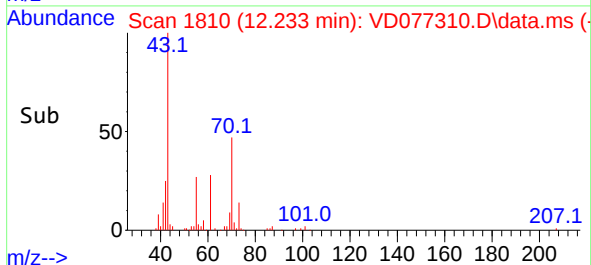
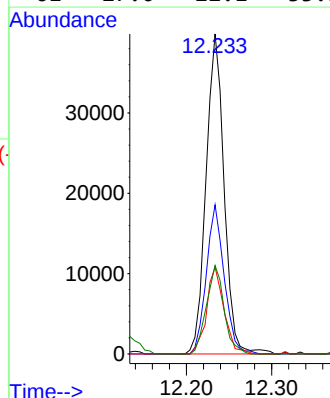
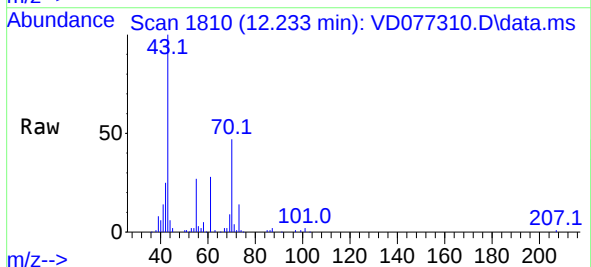
Instrument :
MSVOA_D
ClientSampleId :

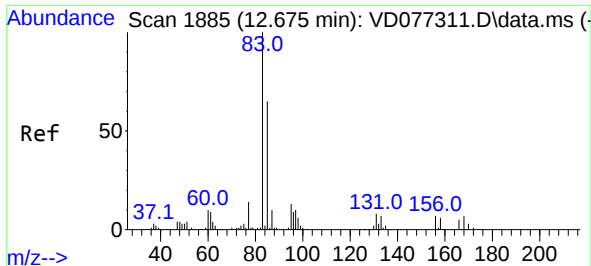
Tgt Ion:105 Resp: 279027
Ion Ratio Lower Upper
105 100
120 26.3 14.3 42.9



#74
N-ethyl acetate
Concen: 18.829 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion: 43 Resp: 58774
Ion Ratio Lower Upper
43 100
70 46.1 45.0 67.4
55 26.1 23.8 35.6
61 27.0 22.1 33.1

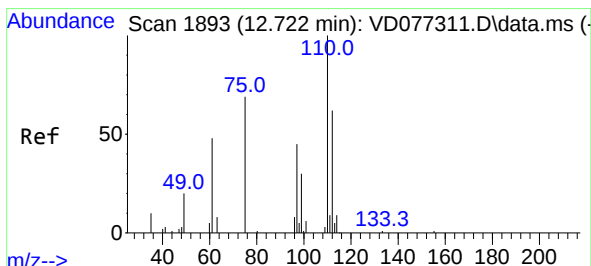
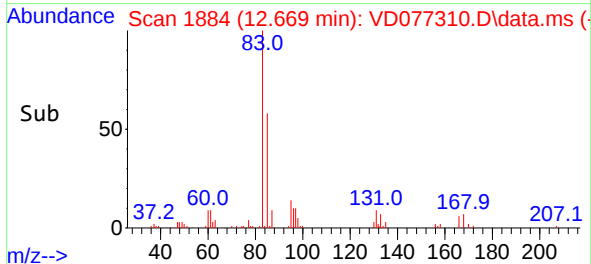
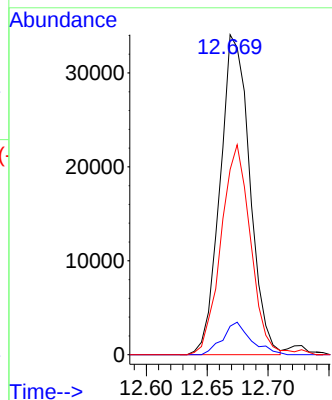
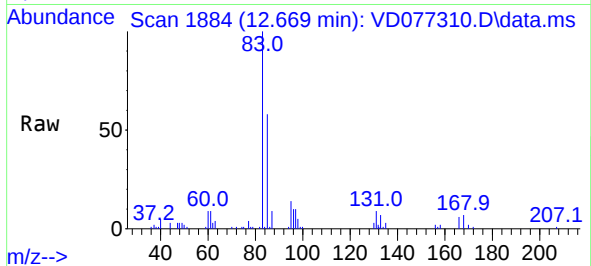




#75
1,1,2,2-Tetrachloroethane
Concen: 19.391 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

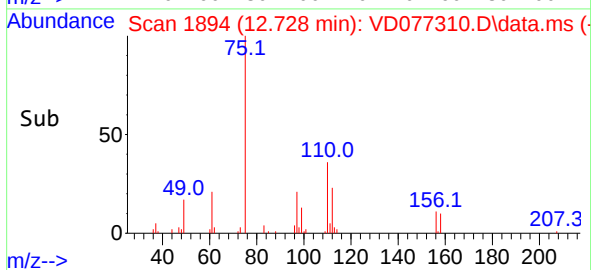
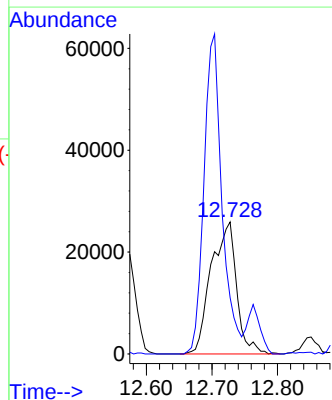
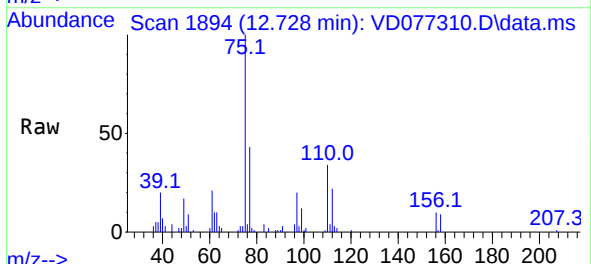
Instrument :
MSVOA_D
ClientSampleId :

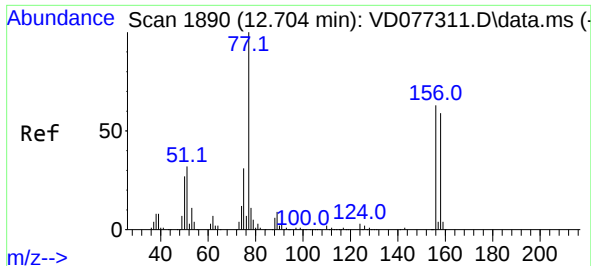
Tgt Ion: 83 Resp: 57767
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 65.9 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 31.586 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion: 75 Resp: 69752
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

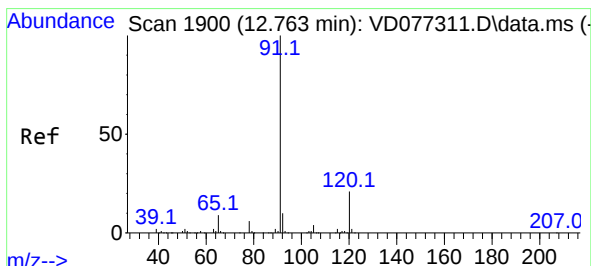
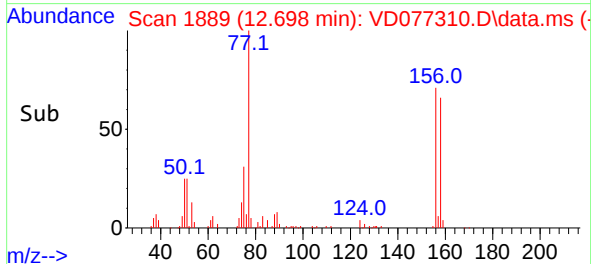
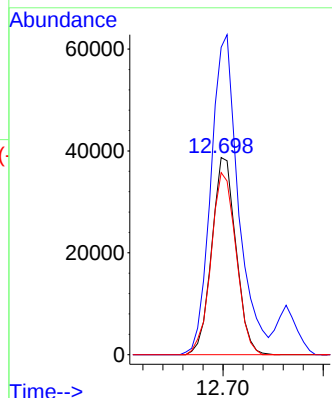
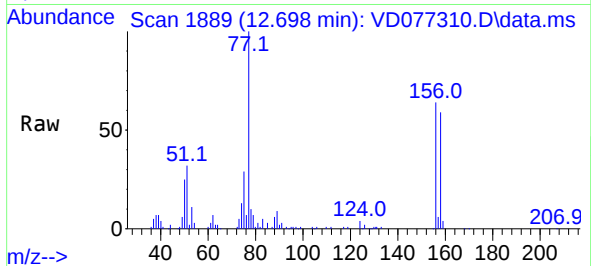




#77
Bromobenzene
Concen: 19.155 ug/l
RT: 12.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

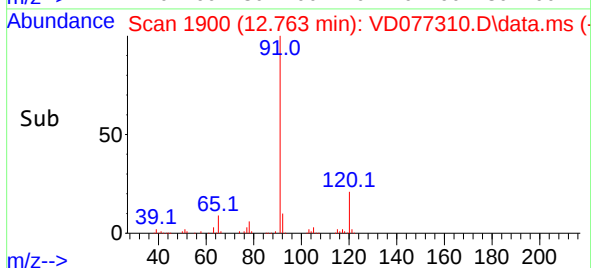
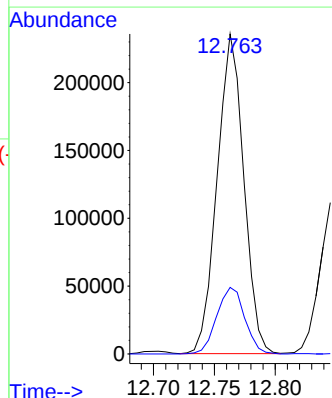
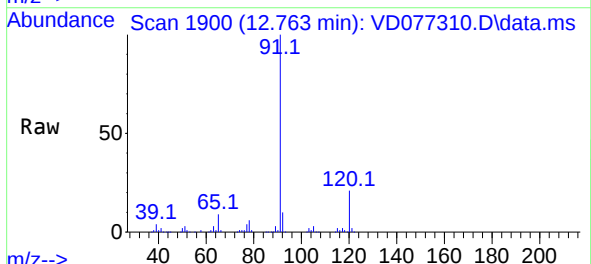
Instrument :
MSVOA_D
ClientSampleId :

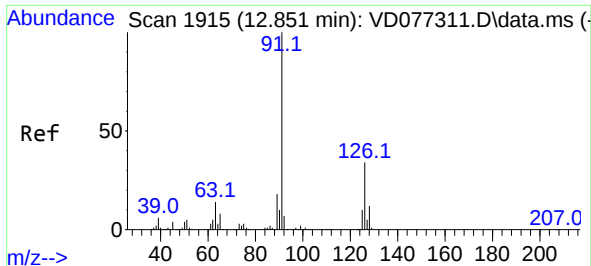
Tgt Ion:156 Resp: 65056
Ion Ratio Lower Upper
156 100
77 184.3 76.8 230.4
158 95.1 48.6 145.9



#78
n-propylbenzene
Concen: 19.042 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion: 91 Resp: 358437
Ion Ratio Lower Upper
91 100
120 21.9 12.4 37.2

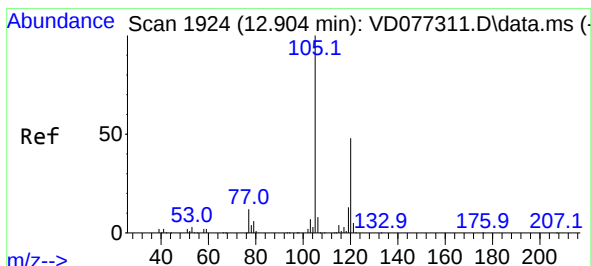
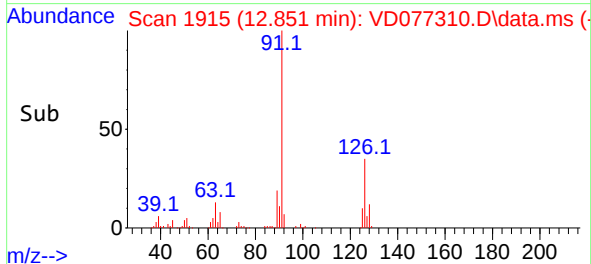
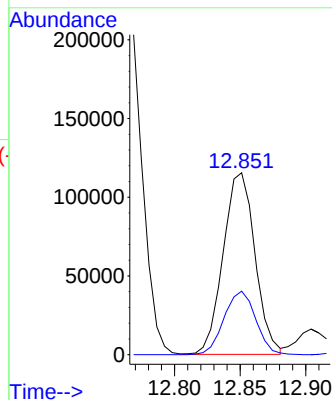
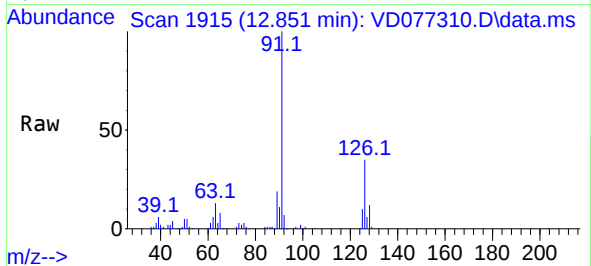




#79
2-Chlorotoluene
Concen: 19.209 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

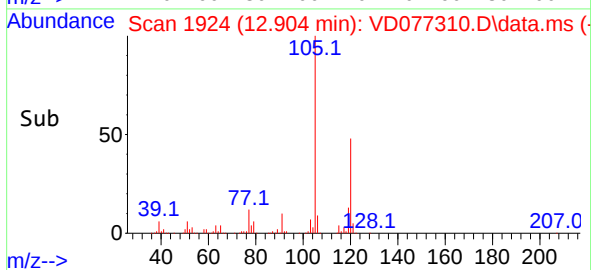
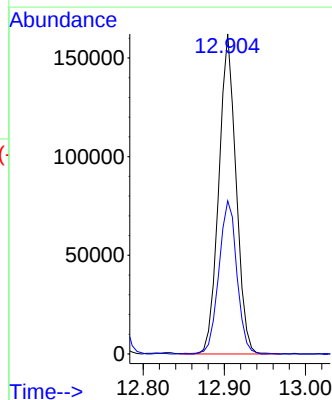
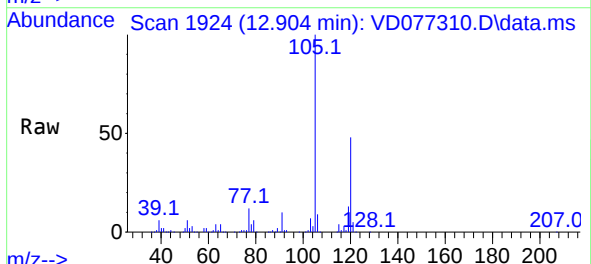
Instrument :
MSVOA_D
ClientSampleId :

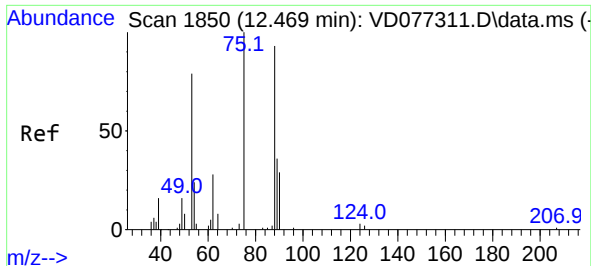
Tgt Ion: 91 Resp: 194937
Ion Ratio Lower Upper
91 100
126 34.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.366 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion: 105 Resp: 239561
Ion Ratio Lower Upper
105 100
120 49.8 26.4 79.2

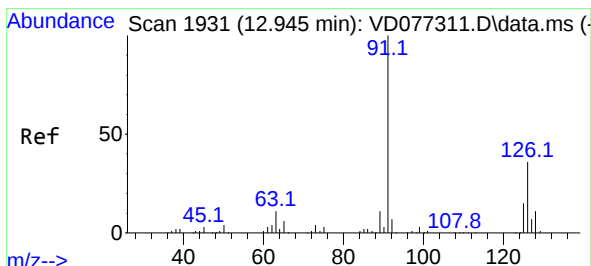
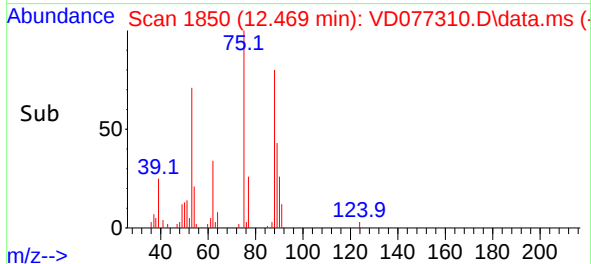
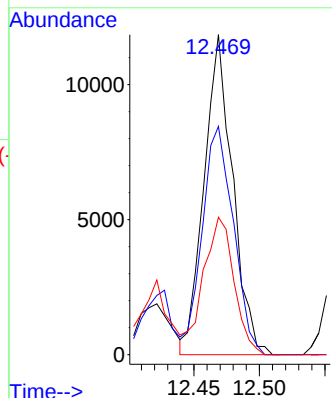
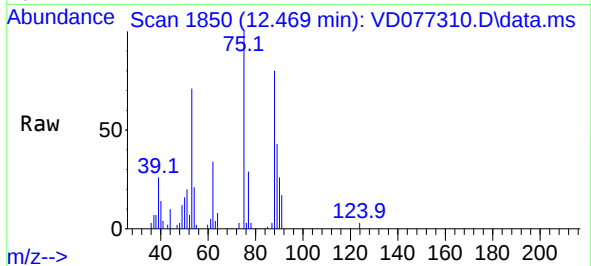




#81
trans-1,4-Dichloro-2-butene
Concen: 19.350 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

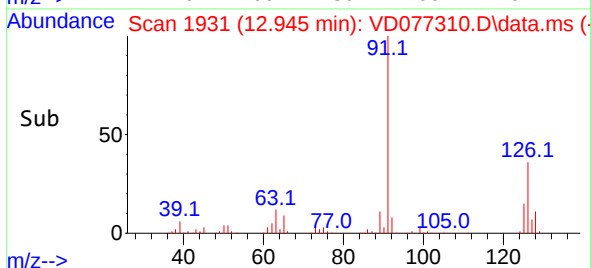
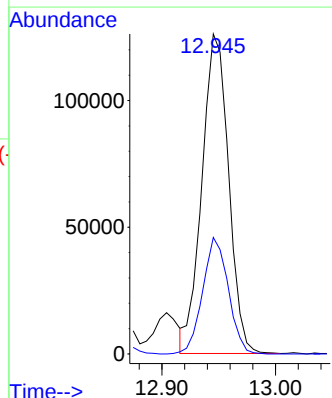
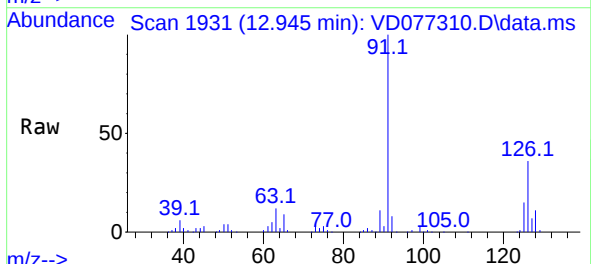
Instrument :
MSVOA_D
ClientSampleId :

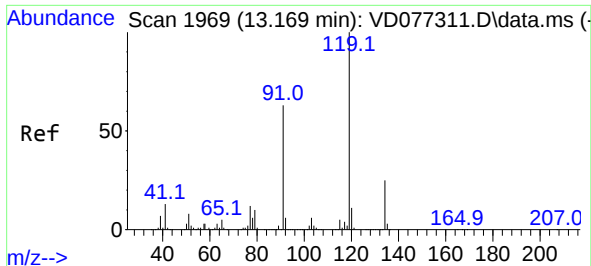
Tgt Ion: 75 Resp: 17922
Ion Ratio Lower Upper
75 100
53 77.9 63.0 94.4
89 46.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 19.153 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

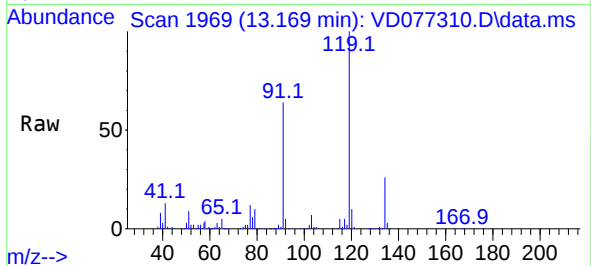
Tgt Ion: 91 Resp: 205346
Ion Ratio Lower Upper
91 100
126 35.0 19.4 58.4



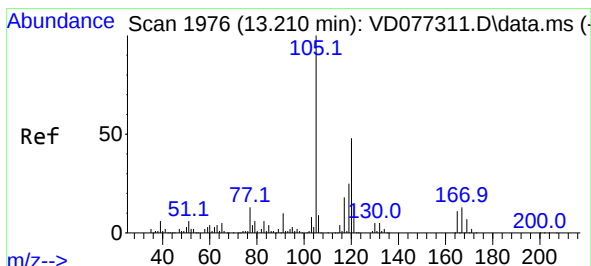
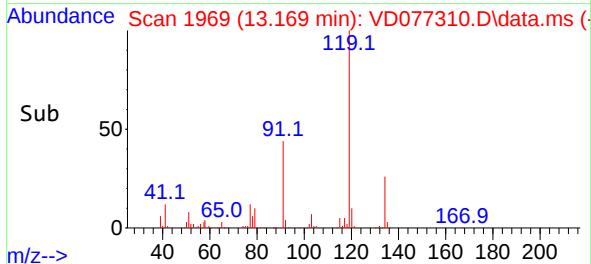
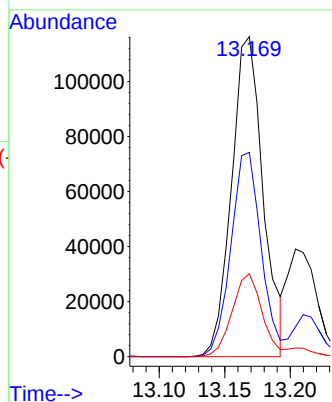


#83
tert-Butylbenzene
Concen: 18.903 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Instrument :
MSVOA_D
ClientSampleId :

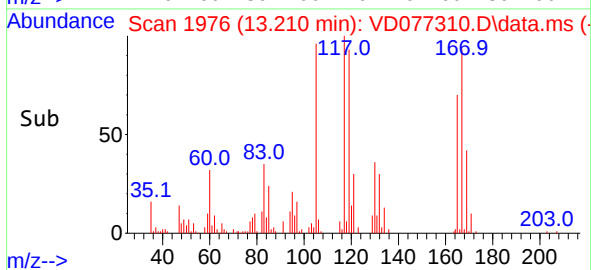
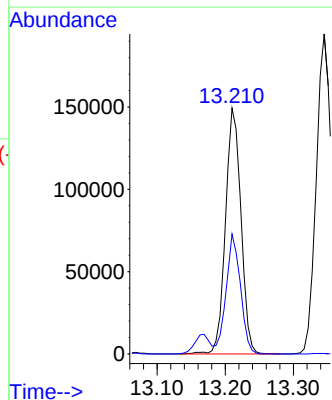
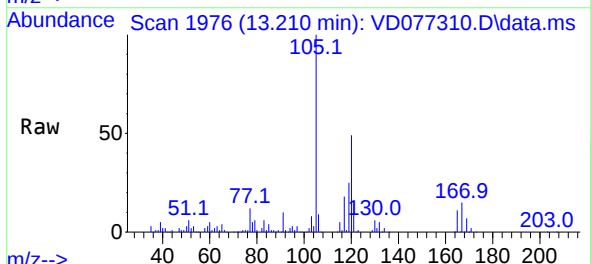


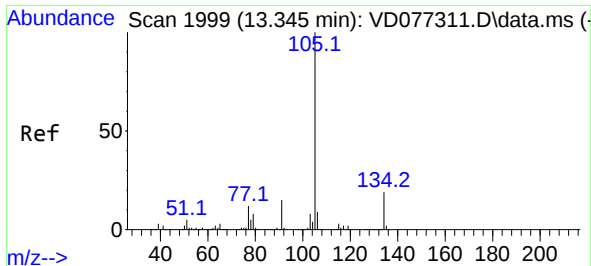
Tgt Ion:119 Resp: 195320
Ion Ratio Lower Upper
119 100
91 61.1 29.3 87.8
134 24.9 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 19.079 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion:105 Resp: 236413
Ion Ratio Lower Upper
105 100
120 45.4 24.3 72.9

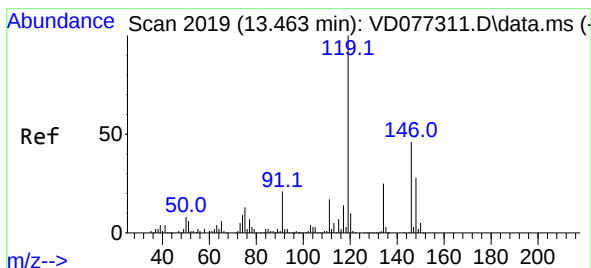
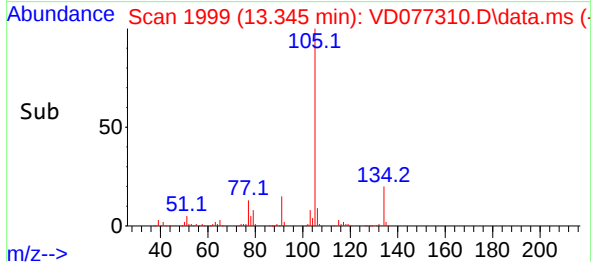
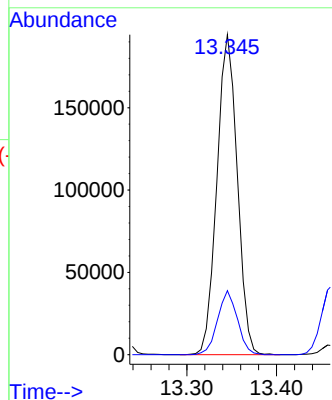
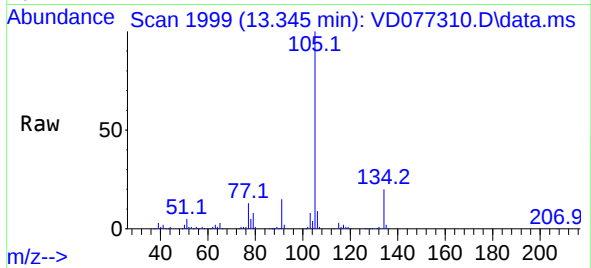




#85
 sec-Butylbenzene
 Concen: 18.997 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD077310.D
 Acq: 11 Oct 2023 17:11

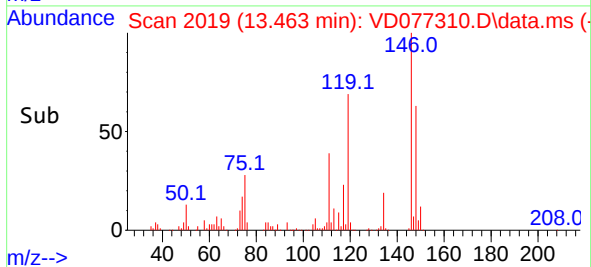
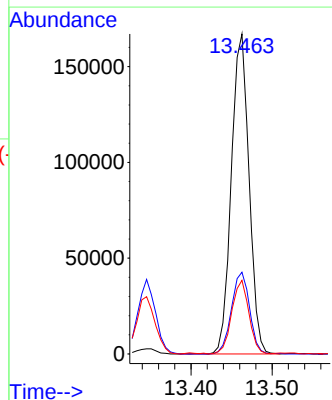
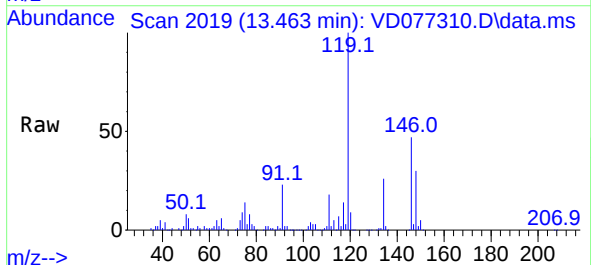
Instrument :
 MSVOA_D
 ClientSampleId :

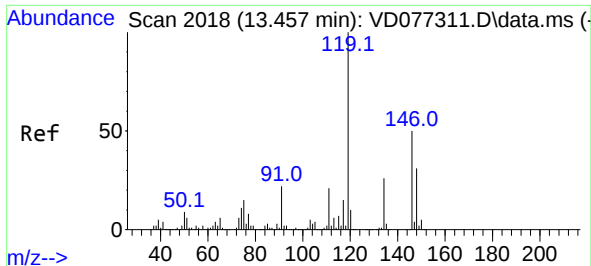
Tgt Ion:105 Resp: 306101
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 19.087 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077310.D
 Acq: 11 Oct 2023 17:11

Tgt Ion:119 Resp: 252682
 Ion Ratio Lower Upper
 119 100
 134 26.1 14.2 42.6
 91 22.4 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 19.185 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD077310.D

Acq: 11 Oct 2023 17:11

Instrument :

MSVOA_D

ClientSampleId :

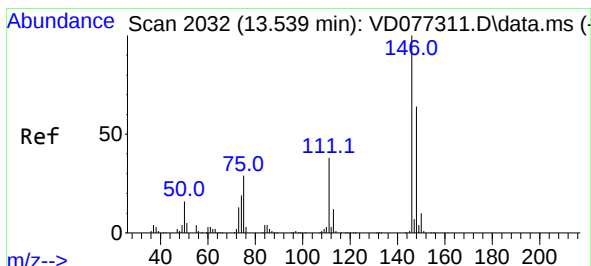
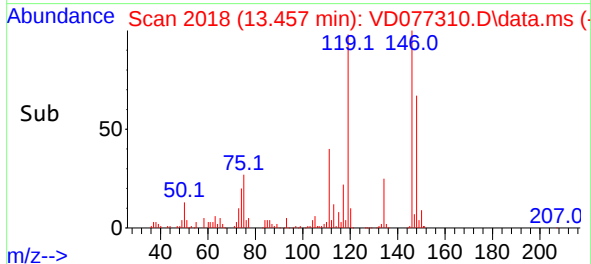
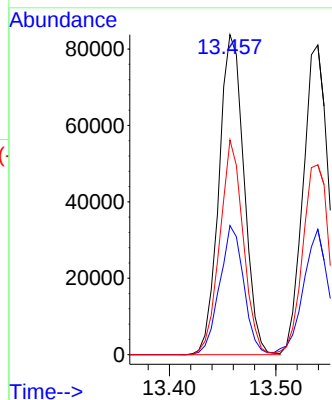
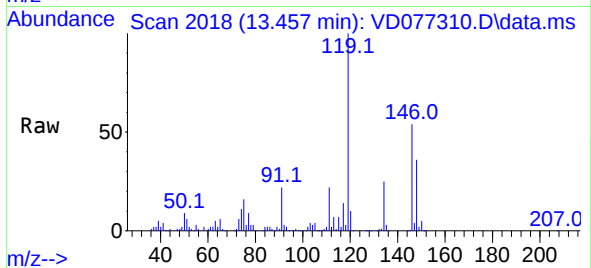
Tgt Ion:146 Resp: 136652

Ion Ratio Lower Upper

146 100

111 38.9 17.9 53.8

148 62.9 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 19.197 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD077310.D

Acq: 11 Oct 2023 17:11

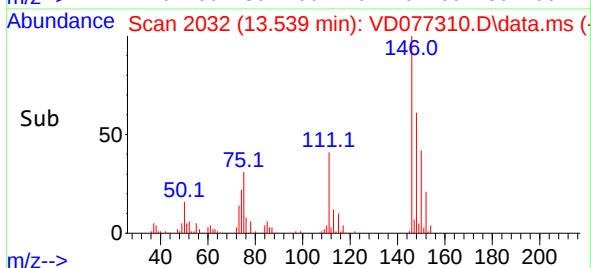
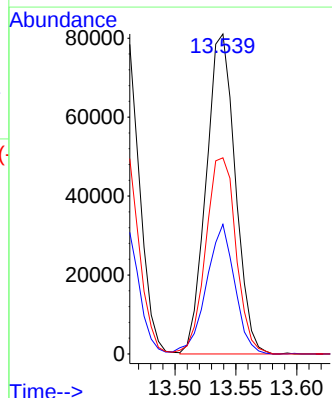
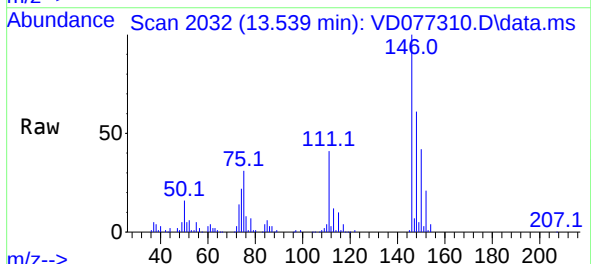
Tgt Ion:146 Resp: 135062

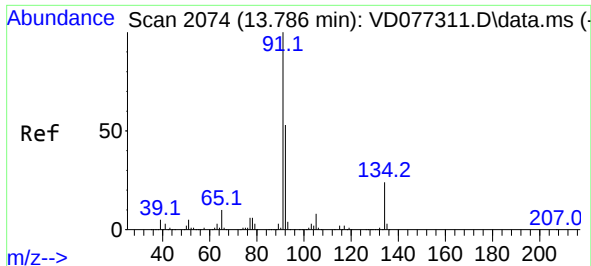
Ion Ratio Lower Upper

146 100

111 39.4 17.4 52.3

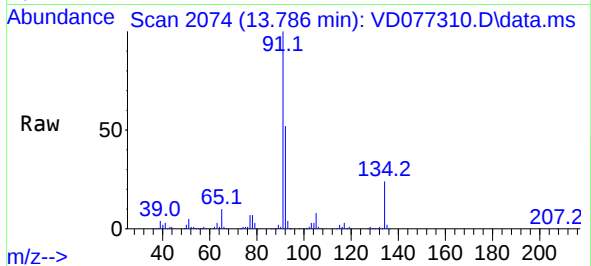
148 63.8 31.7 95.1



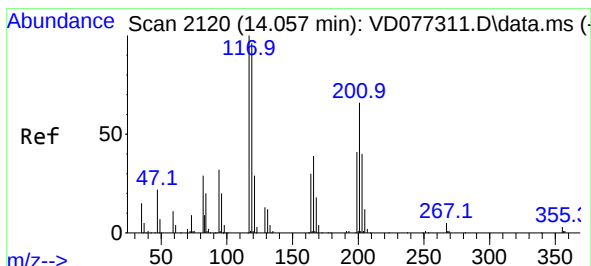
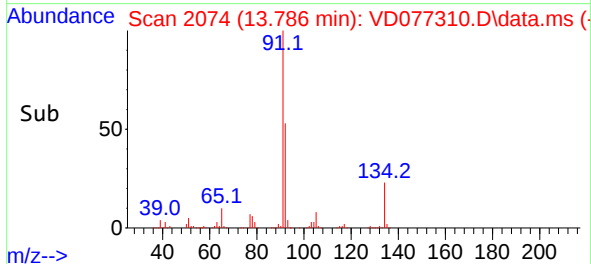
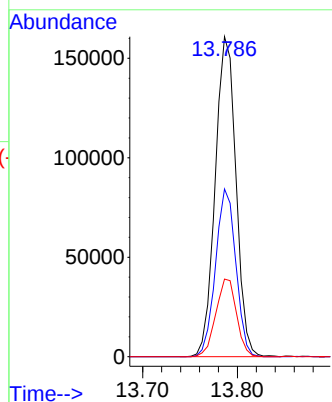


#89
n-Butylbenzene
Concen: 18.934 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Instrument :
MSVOA_D
ClientSampleId :

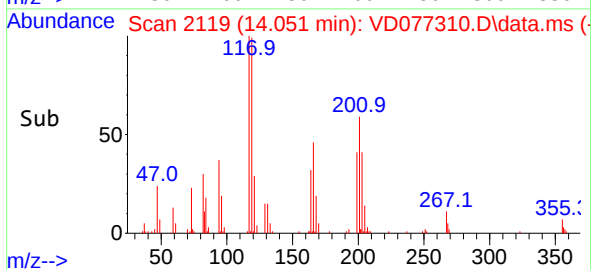
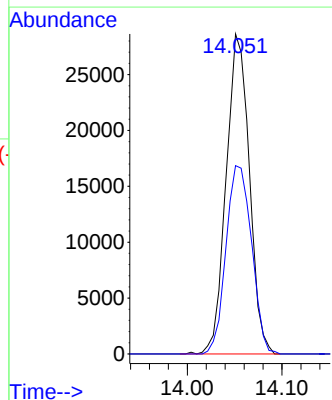
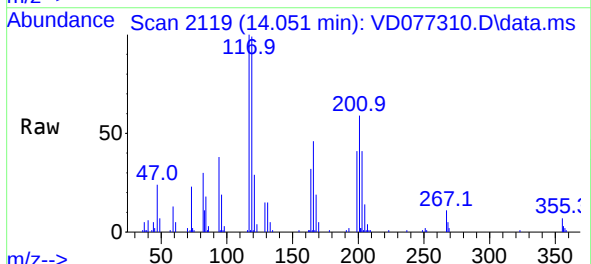


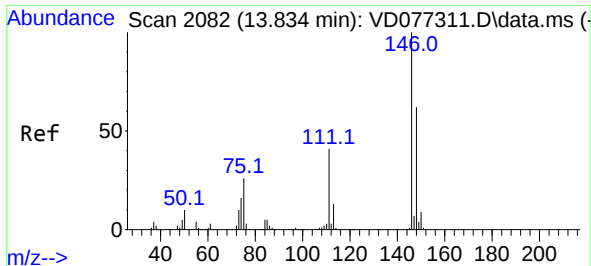
Tgt Ion: 91 Resp: 245074
Ion Ratio Lower Upper
91 100
92 51.2 26.5 79.5
134 24.2 13.8 41.3



#90
Hexachloroethane
Concen: 18.685 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion: 117 Resp: 48771
Ion Ratio Lower Upper
117 100
201 64.9 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 19.147 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077310.D

Acq: 11 Oct 2023 17:11

Instrument :

MSVOA_D

ClientSampleId :

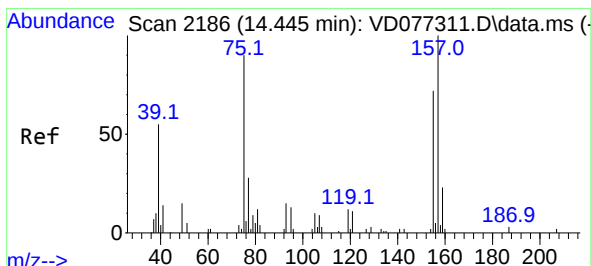
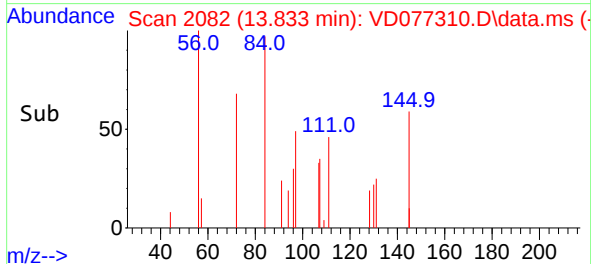
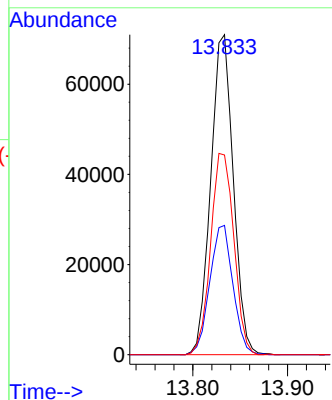
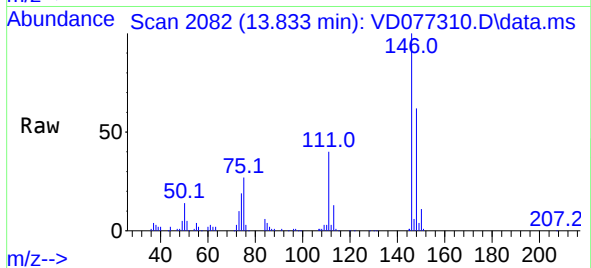
Tgt Ion:146 Resp: 117857

Ion Ratio Lower Upper

146 100

111 41.5 18.3 54.8

148 64.7 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.421 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD077310.D

Acq: 11 Oct 2023 17:11

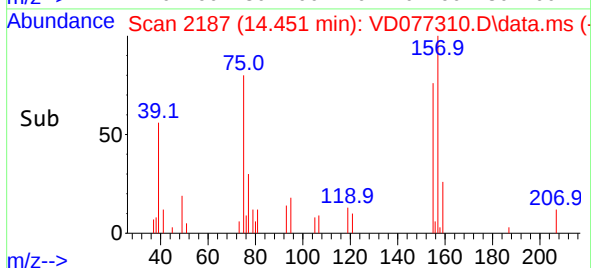
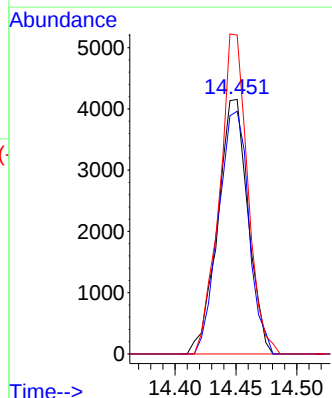
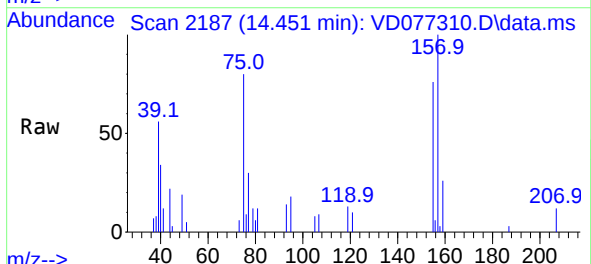
Tgt Ion: 75 Resp: 7182

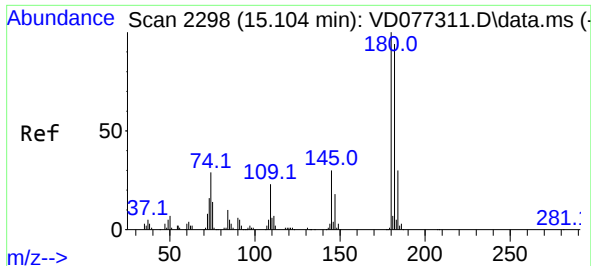
Ion Ratio Lower Upper

75 100

155 95.8 47.9 143.8

157 117.1 59.9 179.7

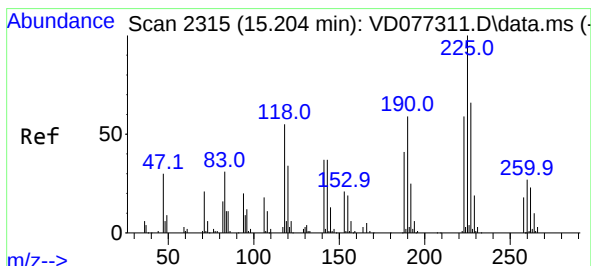
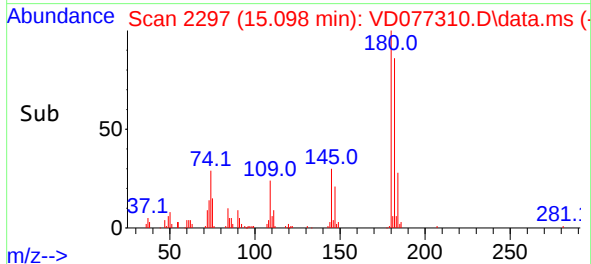
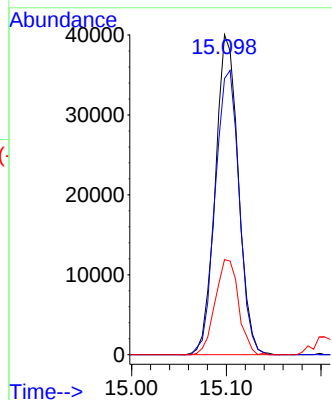
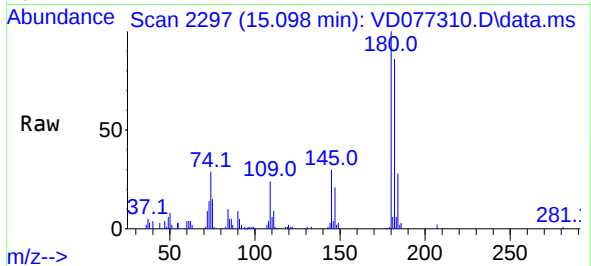




#93
1,2,4-Trichlorobenzene
Concen: 18.207 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

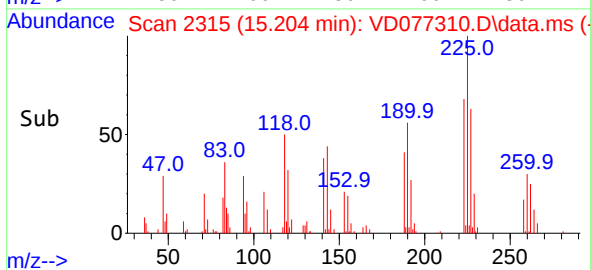
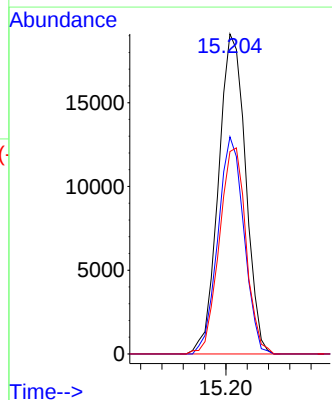
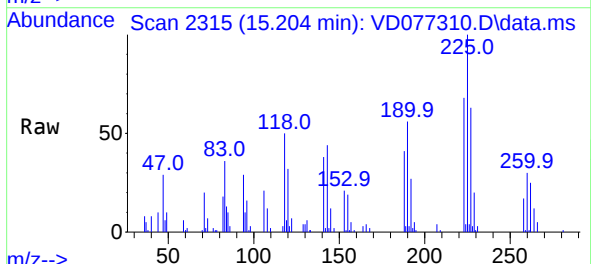
Instrument :
MSVOA_D
ClientSampleId :

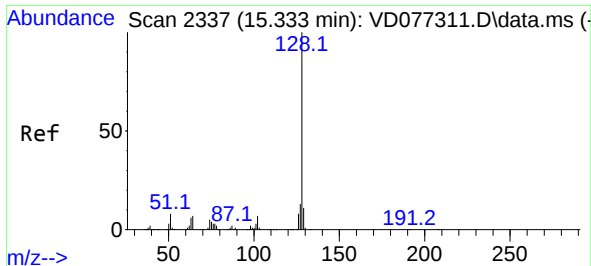
Tgt Ion:180 Resp: 67596
Ion Ratio Lower Upper
180 100
182 92.4 48.5 145.6
145 30.2 14.2 42.6



#94
Hexachlorobutadiene
Concen: 18.162 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion:225 Resp: 33710
Ion Ratio Lower Upper
225 100
223 65.1 31.6 94.8
227 63.5 31.7 95.1

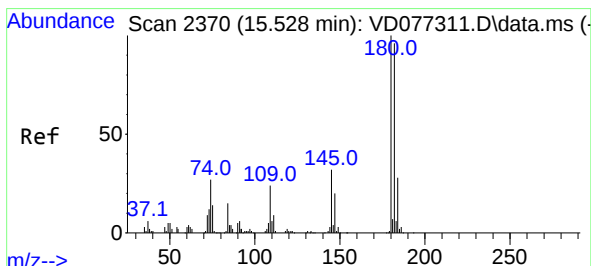
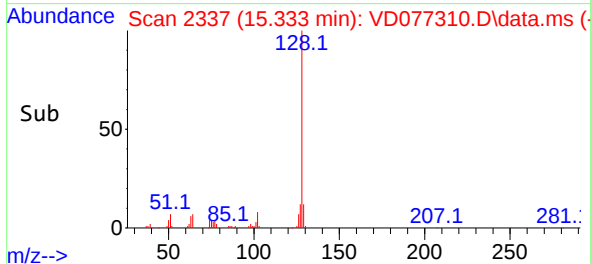
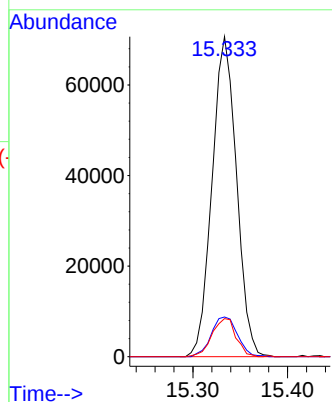
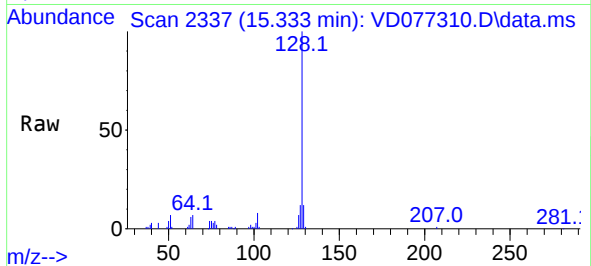




#95
Naphthalene
Concen: 17.594 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 126658
Ion Ratio Lower Upper
128 100
127 12.4 10.5 15.7
129 11.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.401 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077310.D
Acq: 11 Oct 2023 17:11

Tgt Ion:180 Resp: 60372
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.9
145 31.7 15.1 45.3

