

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077402.D
 Acq On : 24 Oct 2023 18:37
 Operator : JC/SY
 Sample : 05005-04
 Misc : 5.16G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 25 04:08:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	127490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	236017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	195065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	84569	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	59823	52.550	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.100%	
35) Dibromofluoromethane	7.804	113	78702	47.465	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.920%	
50) Toluene-d8	10.269	98	227447	38.302	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 76.600%	
62) 4-Bromofluorobenzene	12.575	95	80739	47.233	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.460%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.052	59	74	1.156	ug/l #	73
13) Acrolein	3.799	56	160	1.439	ug/l #	1
16) Acetone	4.028	43	16574	66.392	ug/l	99
17) Carbon Disulfide	4.275	76	29517	6.840	ug/l	96
18) Methyl Acetate	4.558	43	2702	3.110	ug/l #	71
20) Methylene Chloride	4.793	84	17229	7.332	ug/l	90
25) 2-Butanone	7.087	43	4786	18.482	ug/l #	85
31) Cyclohexane	7.869	56	2215	1.251	ug/l #	1
36) 1,1-Dichloropropene	7.887	75	9623	4.417	ug/l #	43
37) Ethyl Acetate	7.087	43	4786	6.993	ug/l #	62
38) Carbon Tetrachloride	7.875	117	12263	5.060	ug/l #	18
39) Methylcyclohexane	9.269	83	2895	1.094	ug/l #	86
40) Benzene	8.251	78	25604	3.872	ug/l	99
51) 4-Methyl-2-Pentanone	10.275	43	1532	2.481	ug/l #	13
55) 1,1,2-Trichloroethane	10.704	97	4584	3.473	ug/l #	21
56) Ethyl methacrylate	10.610	69	2712	2.150	ug/l #	16
59) 2-Hexanone	10.887	43	13534	30.511	ug/l #	19
67) Ethyl Benzene	11.687	91	124600	17.678	ug/l	94
68) m/p-Xylenes	11.798	106	4599	1.589	ug/l	79
69) o-Xylene	12.122	106	10725	4.025	ug/l	57
73) Isopropylbenzene	12.422	105	3146022	562.413	ug/l	97
74) N-amyl acetate	12.216	43	198277	246.395	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.651	83	26490	26.060	ug/l #	25
76) 1,2,3-Trichloropropane	12.763	75	145593	122.606	ug/l #	100
78) n-propylbenzene	12.757	91	17209787	2554.623	ug/l	76
79) 2-Chlorotoluene	12.757	91	17209787	4690.141	ug/l #	37
80) 1,3,5-Trimethylbenzene	12.904	105	2517744	545.429	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.422	75	31836	100.871	ug/l #	34
82) 4-Chlorotoluene	12.757	91	17209787	4504.925	ug/l #	37
83) tert-Butylbenzene	13.216	119	697481	170.427	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.216	105	5308533	1142.216	ug/l	99
85) sec-Butylbenzene	13.345	105	2935477	476.657	ug/l #	58
86) p-Isopropyltoluene	13.410	119	290512	54.300	ug/l #	50
89) n-Butylbenzene	13.786	91	3255886	698.888	ug/l #	76
90) Hexachloroethane	14.063	117	938075	867.411	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.381	75	4126	33.163	ug/l #	2

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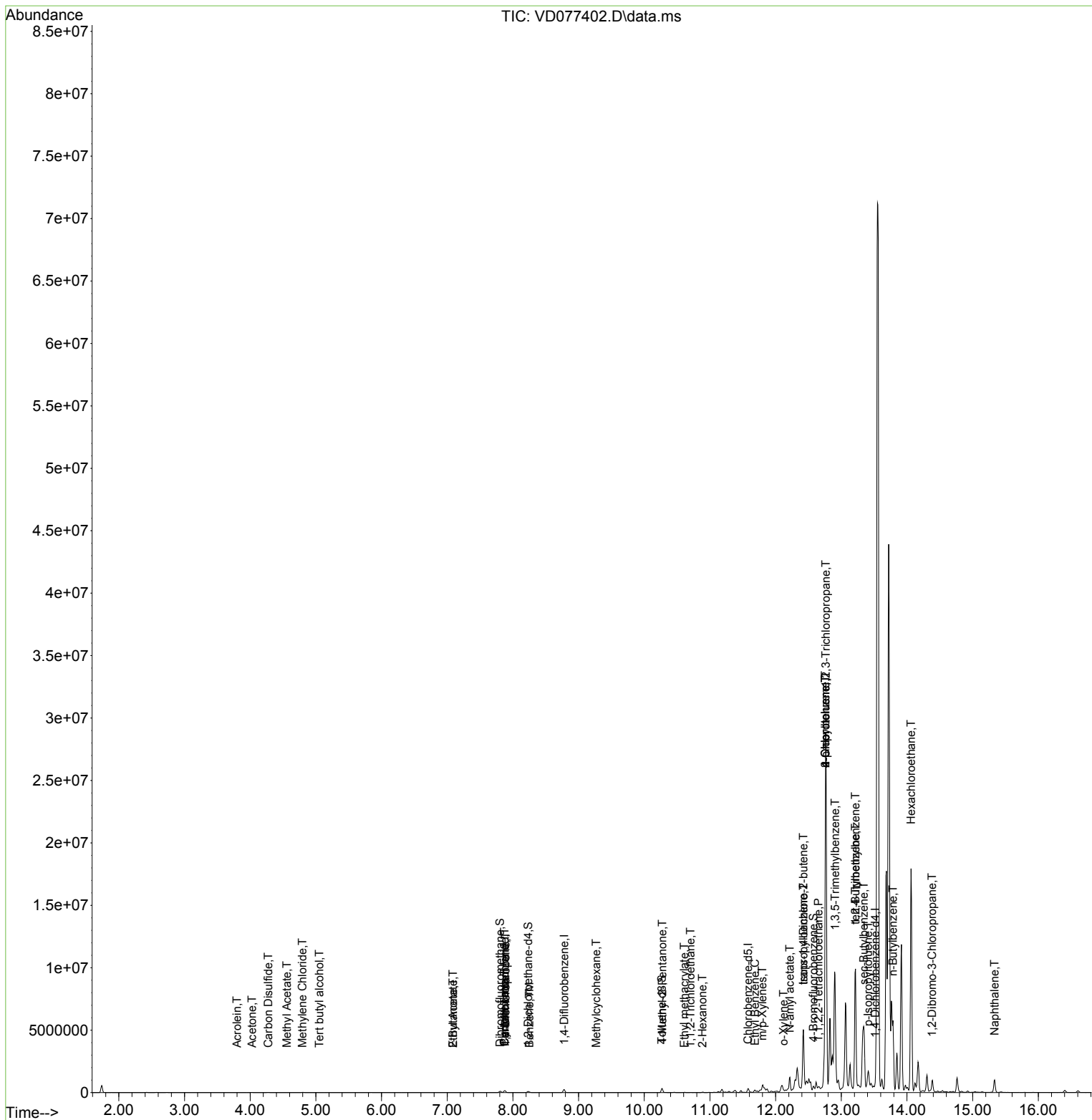
Instrument :
MSVOA_D
ClientSampleId :

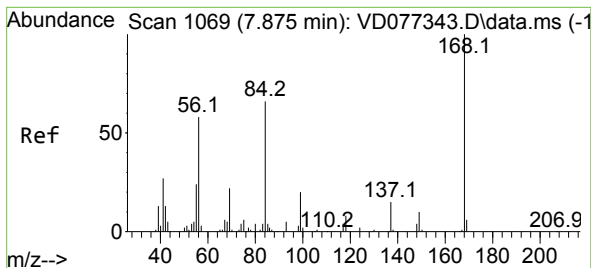
Quant Time: Oct 25 04:08:37 2023
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Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.333	128	903475	328.967	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD077402.D

Acq: 24 Oct 2023 18:37

Instrument :

MSVOA_D

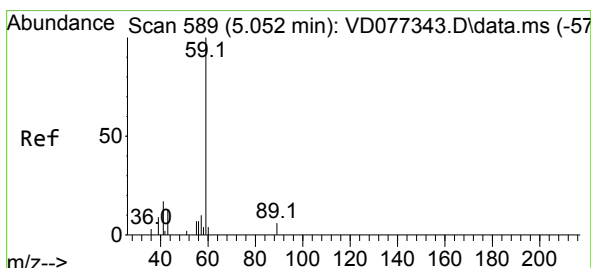
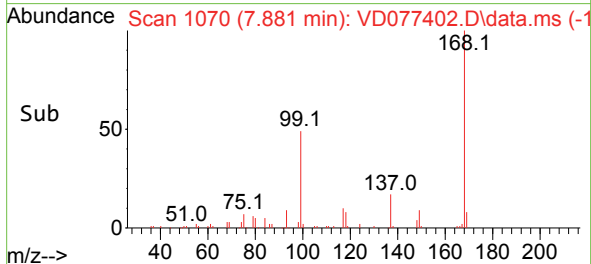
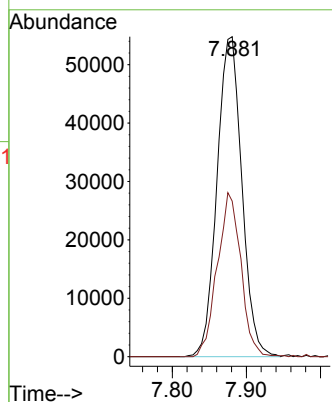
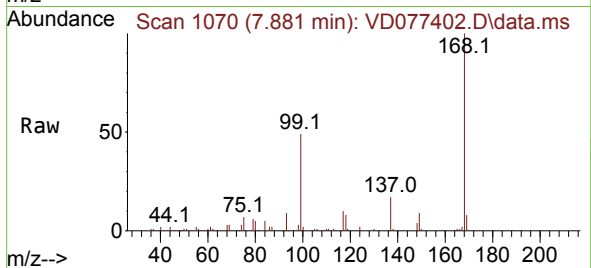
ClientSampleId :

Tgt Ion:168 Resp: 127490

Ion Ratio Lower Upper

168 100

99 48.6 36.7 55.1



#11

Tert butyl alcohol

Concen: 1.156 ug/l

RT: 5.052 min Scan# 589

Delta R.T. -0.000 min

Lab File: VD077402.D

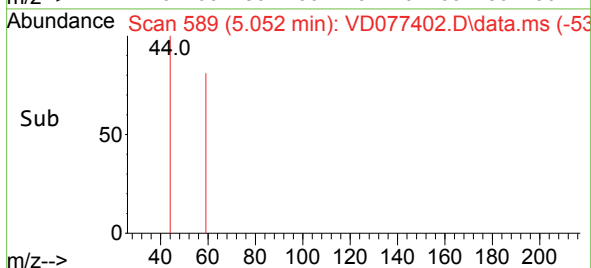
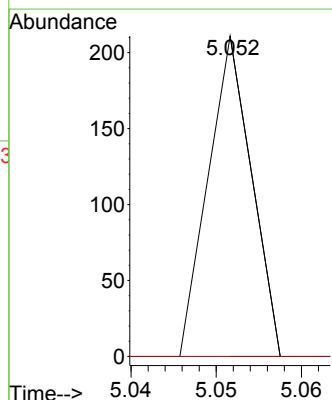
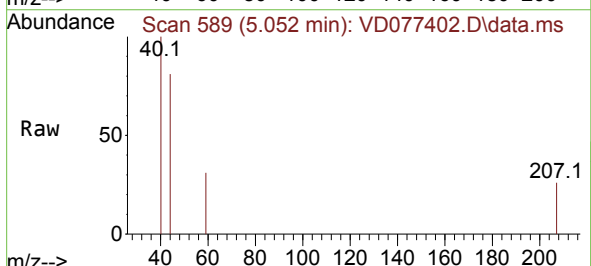
Acq: 24 Oct 2023 18:37

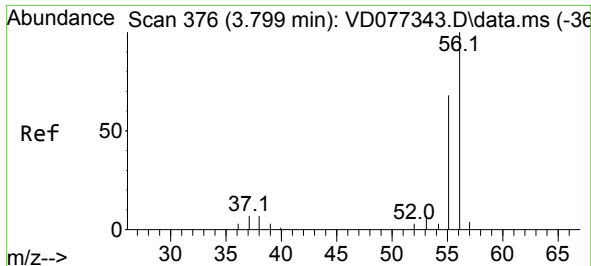
Tgt Ion: 59 Resp: 74

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#





#13

Acrolein

Concen: 1.439 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

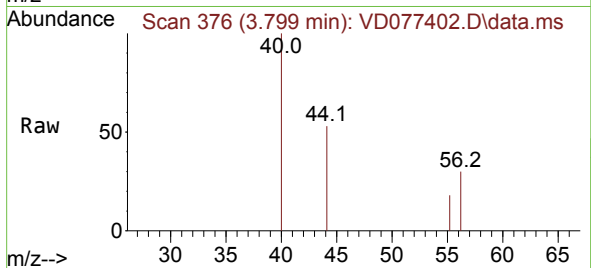
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Acq: 24 Oct 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

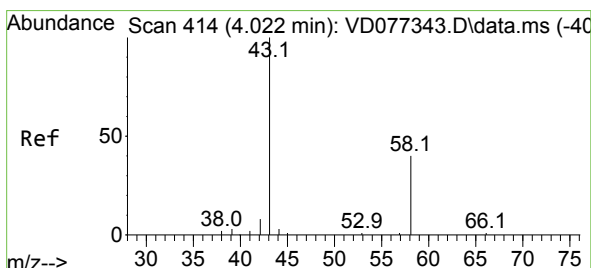
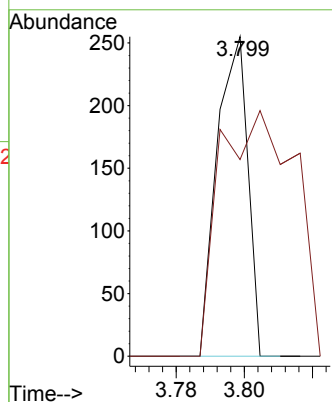
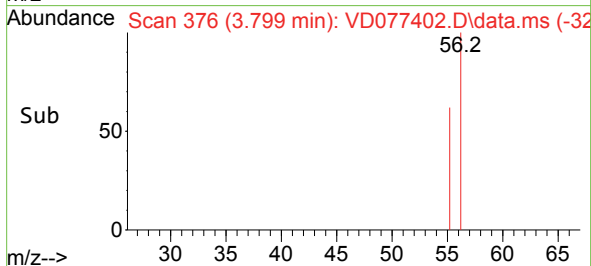


Tgt Ion: 56 Resp: 160

Ion Ratio Lower Upper

56 100

55 187.5 55.1 82.7#



#16

Acetone

Concen: 66.392 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.006 min

Lab File: VD077402.D

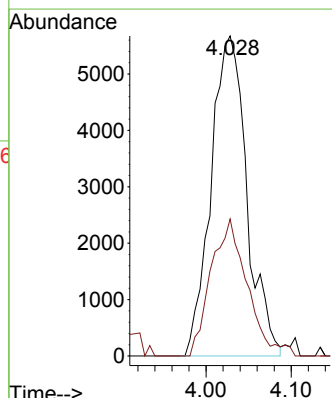
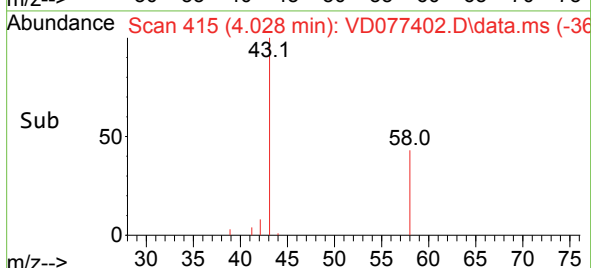
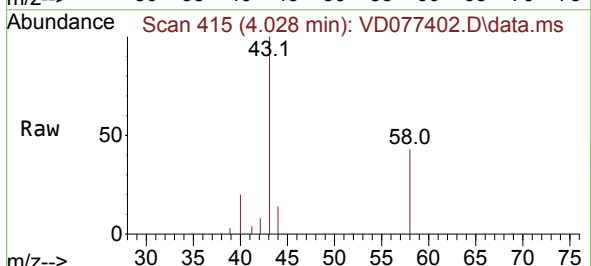
Acq: 24 Oct 2023 18:37

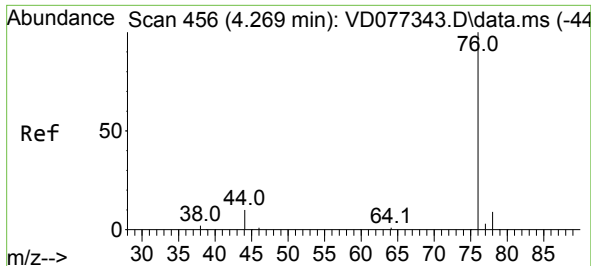
Tgt Ion: 43 Resp: 16574

Ion Ratio Lower Upper

43 100

58 42.8 34.7 52.1

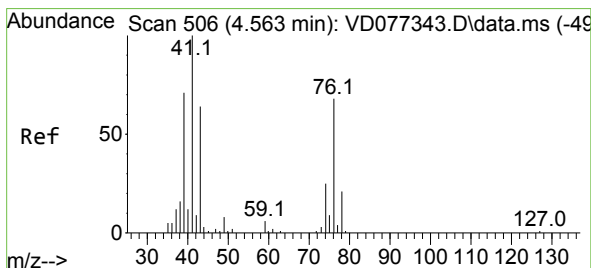
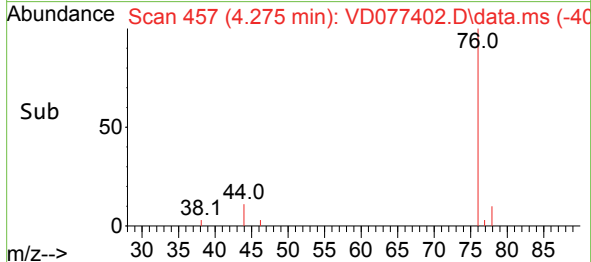
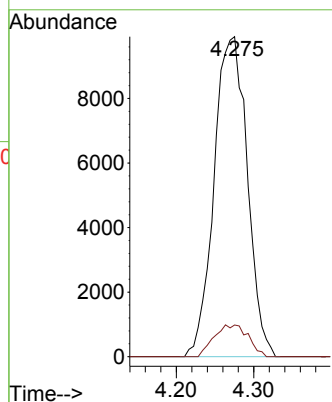
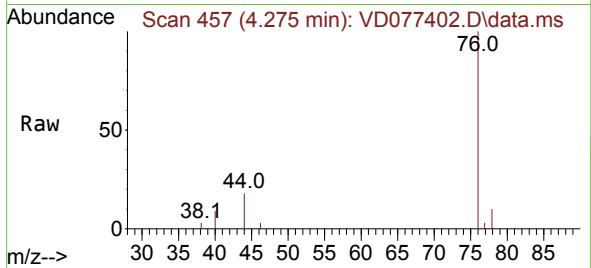




#17
Carbon Disulfide
Concen: 6.840 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

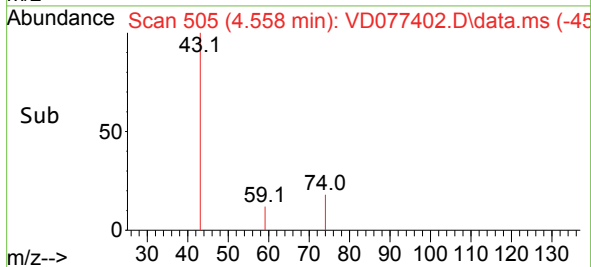
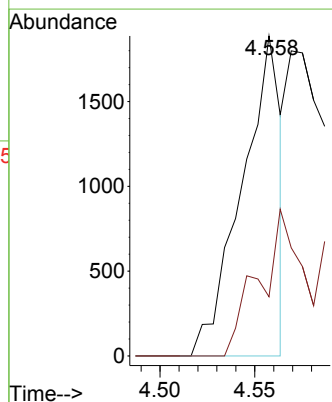
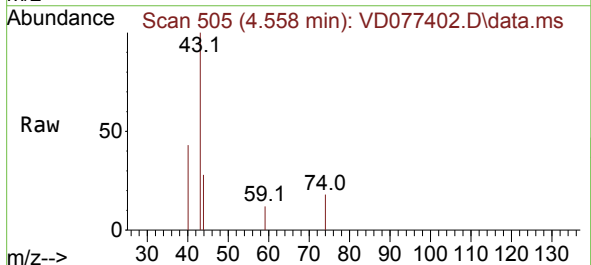
Instrument :
MSVOA_D
ClientSampleId :

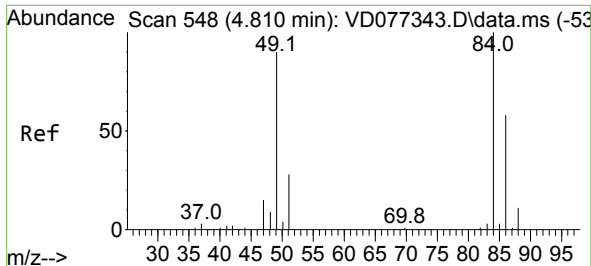
Tgt Ion: 76 Resp: 29517
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2



#18
Methyl Acetate
Concen: 3.110 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

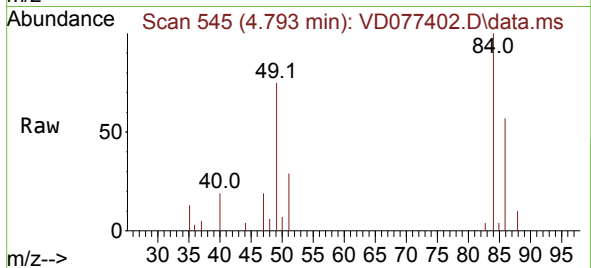
Tgt Ion: 43 Resp: 2702
Ion Ratio Lower Upper
43 100
74 49.2 26.4 39.6#



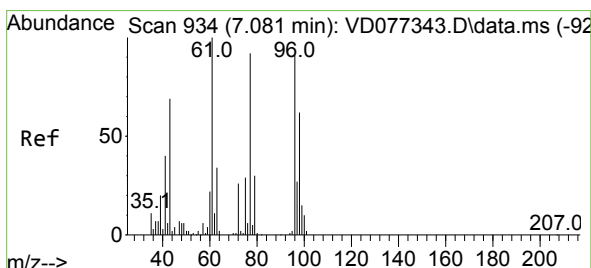
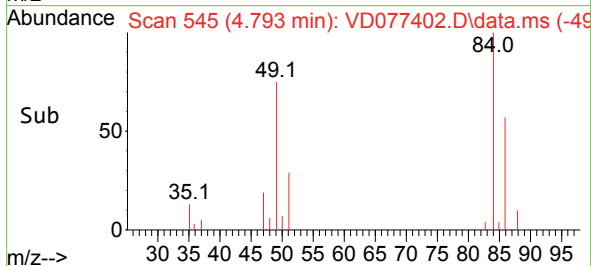
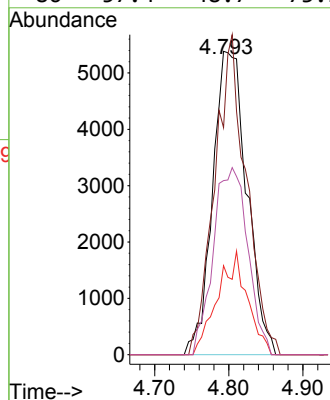


#20
Methylene Chloride
Concen: 7.332 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.017 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

Instrument :
MSVOA_D
ClientSampleId :

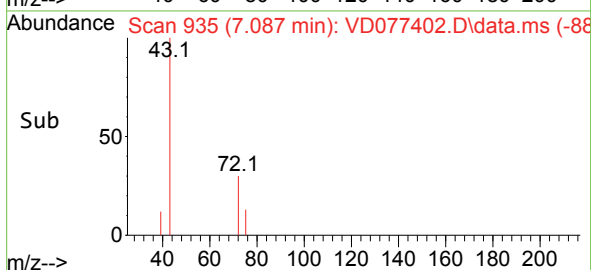
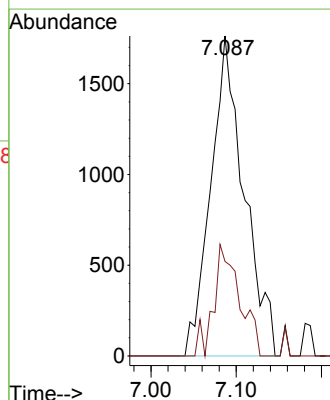
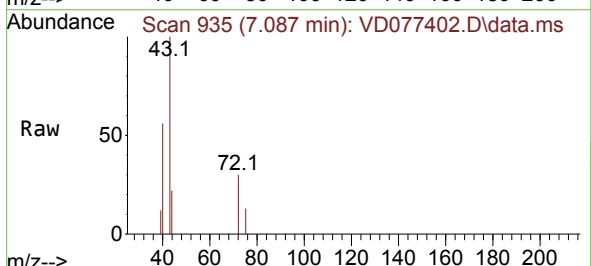


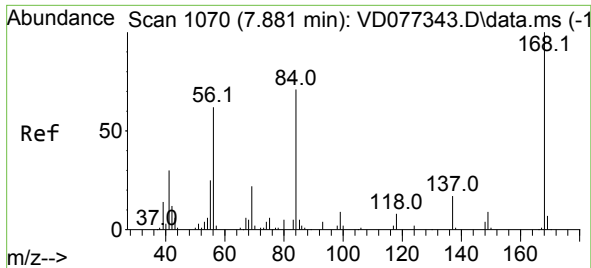
Tgt Ion:	84	Resp:	17229
Ion	Ratio	Lower	Upper
84	100		
49	74.9	71.4	107.2
51	29.3	24.5	36.7
86	57.4	48.7	73.1



#25
2-Butanone
Concen: 18.482 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

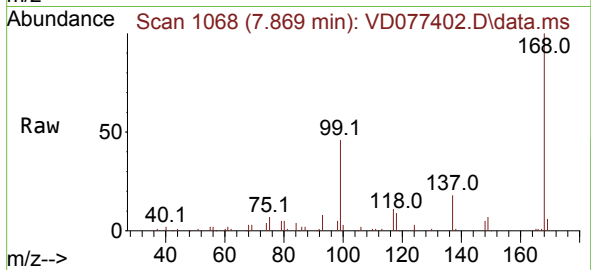
Tgt Ion:	43	Resp:	4786
Ion	Ratio	Lower	Upper
43	100		
72	29.6	30.7	46.1#



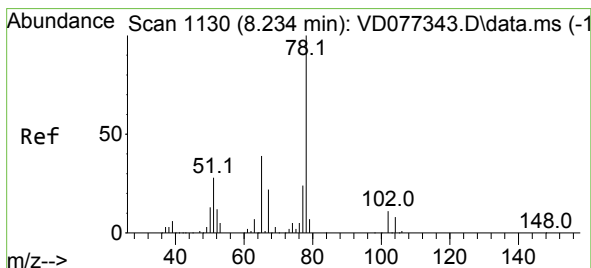
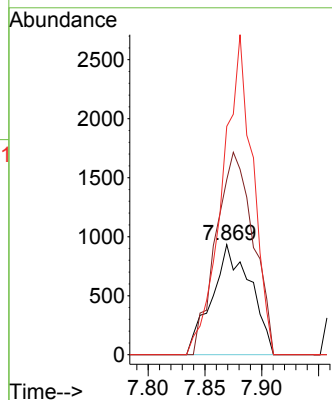
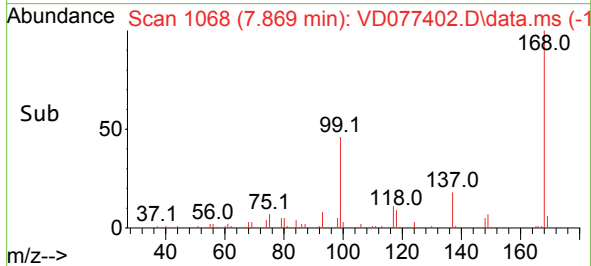


#31
Cyclohexane
Concen: 1.251 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

Instrument :
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ClientSampleId :

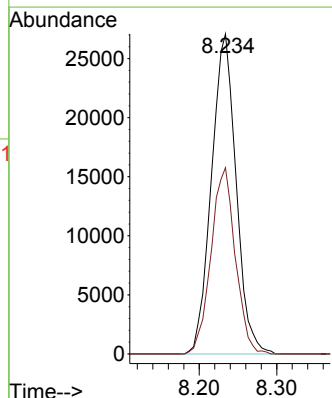
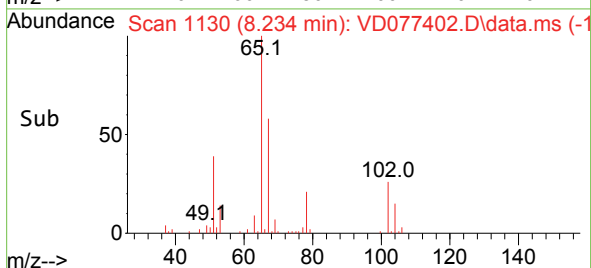
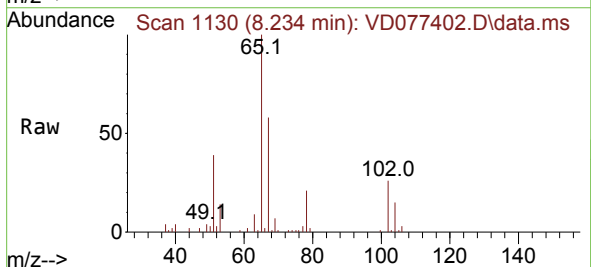


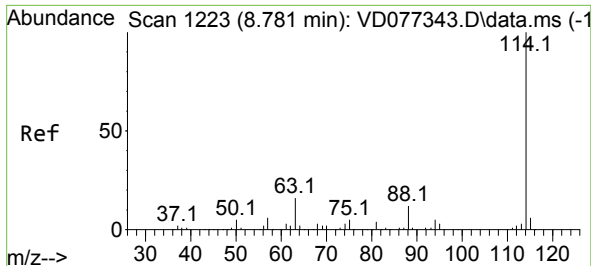
Tgt Ion: 56 Resp: 2215
Ion Ratio Lower Upper
56 100
69 159.1 28.6 43.0#
84 207.4 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 52.550 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

Tgt Ion: 65 Resp: 59823
Ion Ratio Lower Upper
65 100
67 57.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 114

Delta R.T. -0.000 min

Lab File: VD077402.D

Acq: 24 Oct 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

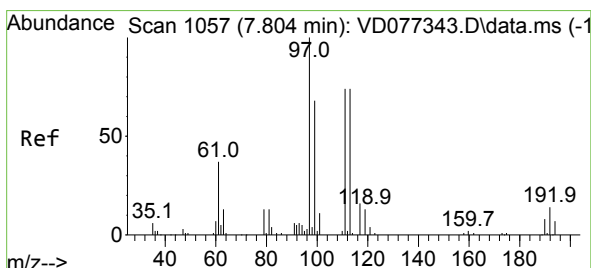
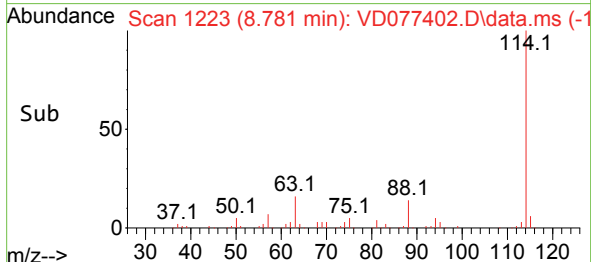
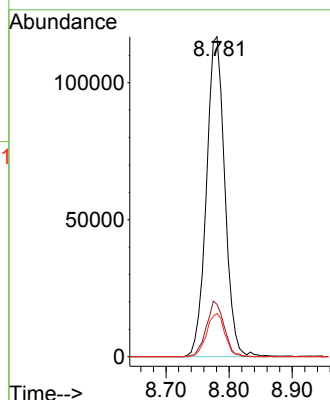
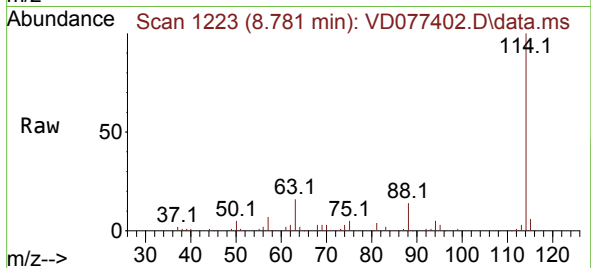
Tgt Ion:114 Resp: 236017

Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.4

88 13.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.465 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077402.D

Acq: 24 Oct 2023 18:37

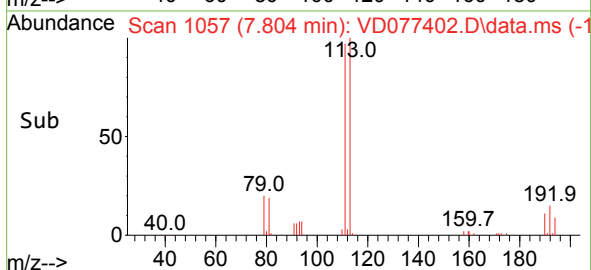
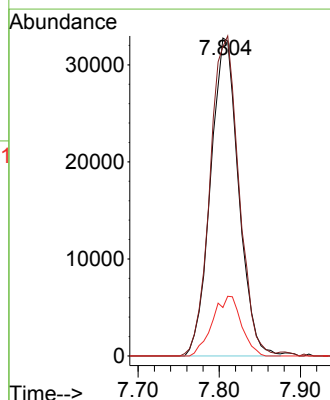
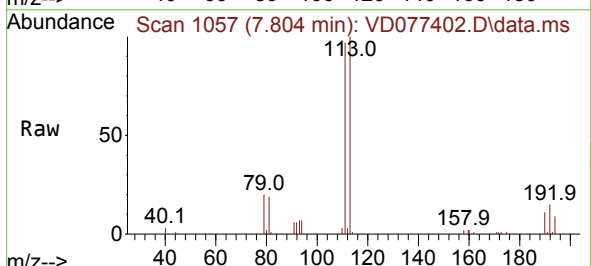
Tgt Ion:113 Resp: 78702

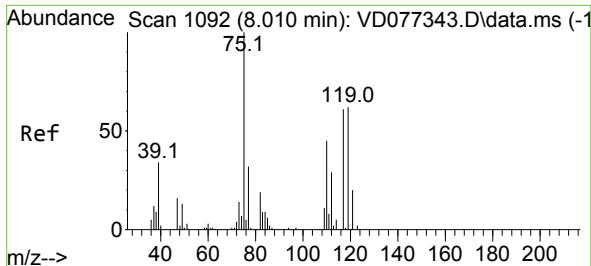
Ion Ratio Lower Upper

113 100

111 103.6 84.7 127.1

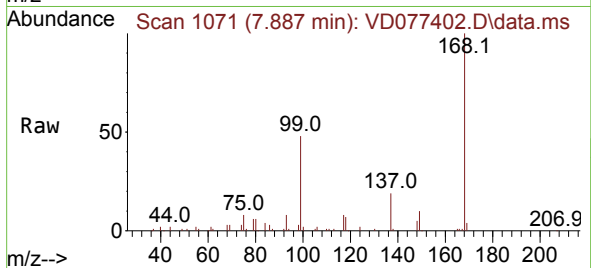
192 19.4 16.8 25.2



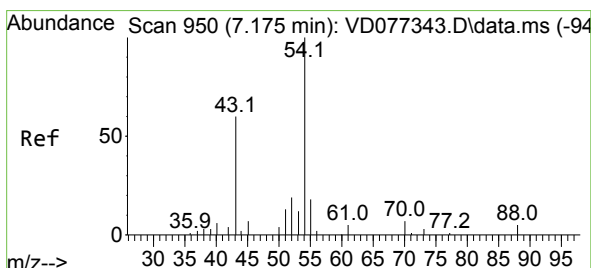
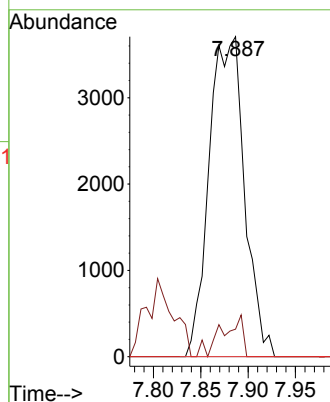
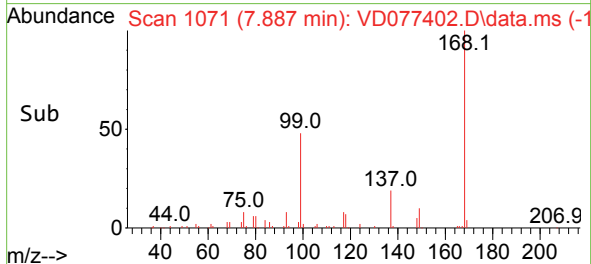


#36
1,1-Dichloropropene
Concen: 4.417 ug/l
RT: 7.887 min Scan# 1092
Delta R.T. -0.123 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

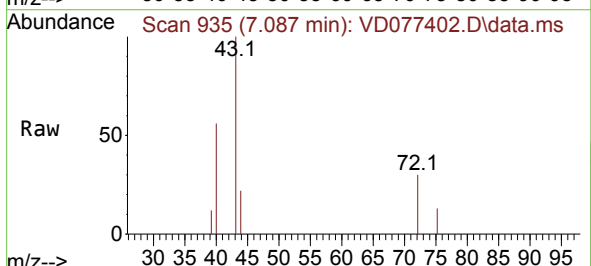
Instrument :
MSVOA_D
ClientSampleId :



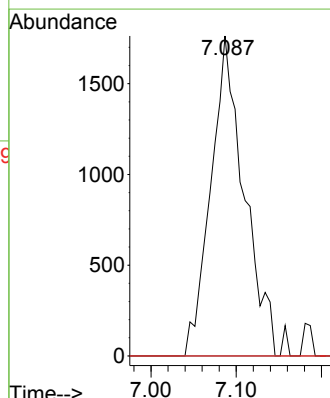
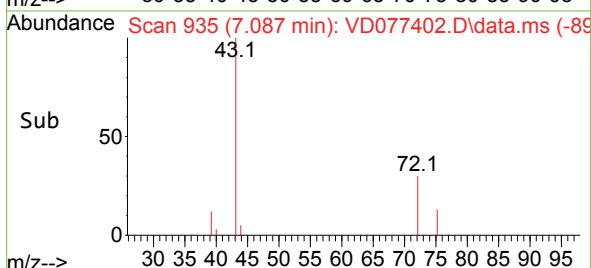
Tgt Ion: 75 Resp: 9623
Ion Ratio Lower Upper
75 100
110 4.0 19.9 59.6#
77 0.0 24.7 37.1#

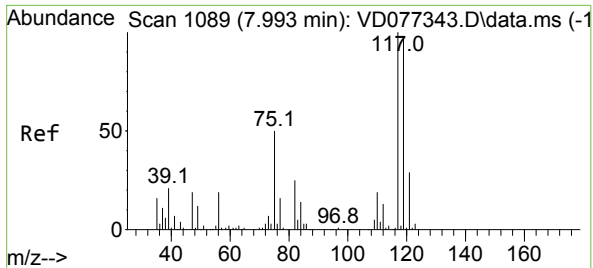


#37
Ethyl Acetate
Concen: 6.993 ug/l
RT: 7.087 min Scan# 935
Delta R.T. -0.088 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37



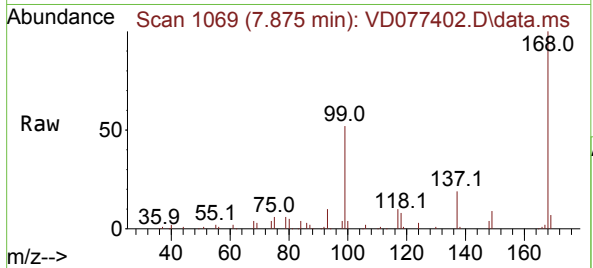
Tgt Ion: 43 Resp: 4786
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
70 0.0 10.0 15.0#



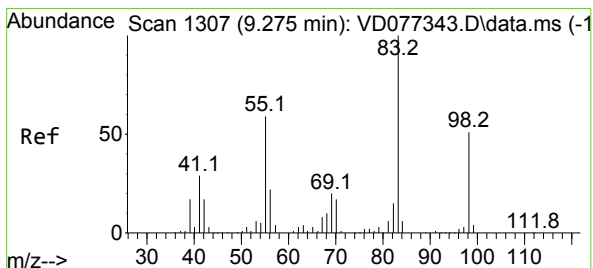
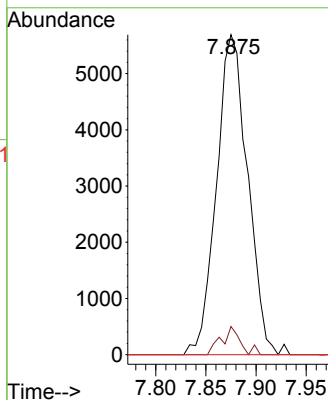
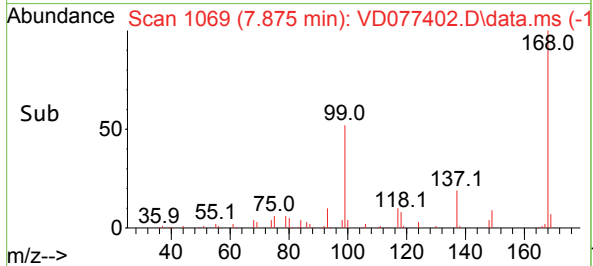


#38
Carbon Tetrachloride
Concen: 5.060 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

Instrument :
MSVOA_D
ClientSampleId :

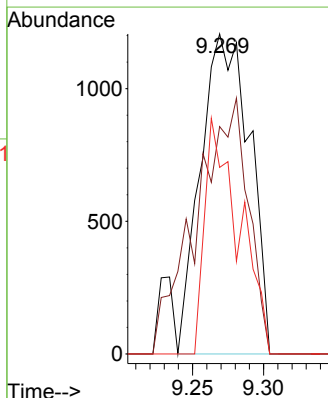
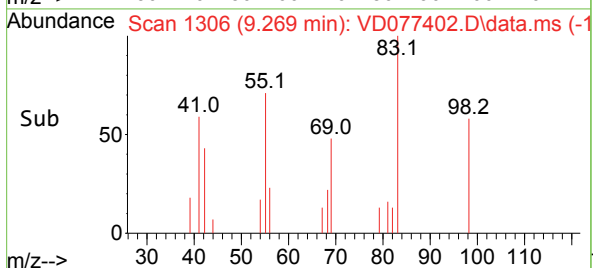
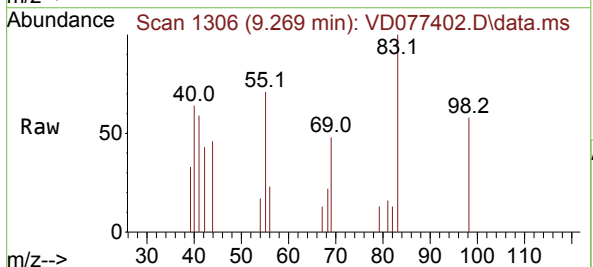


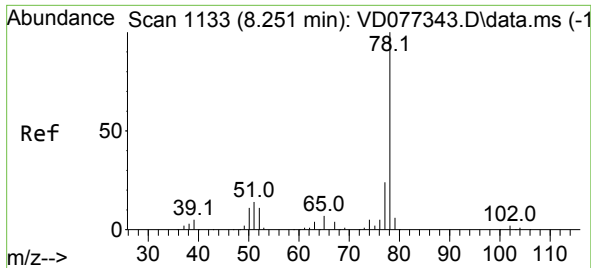
Tgt Ion:117 Resp: 12263
Ion Ratio Lower Upper
117 100
119 8.8 78.0 117.0#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 1.094 ug/l
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

Tgt Ion: 83 Resp: 2895
Ion Ratio Lower Upper
83 100
55 71.1 49.4 74.0
98 58.3 38.4 57.6#

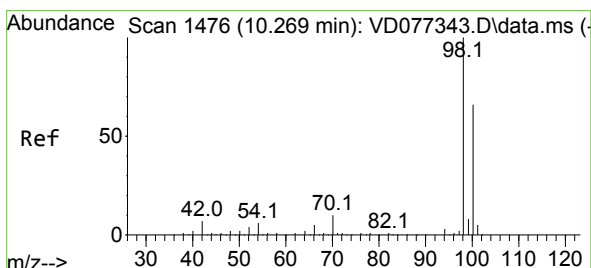
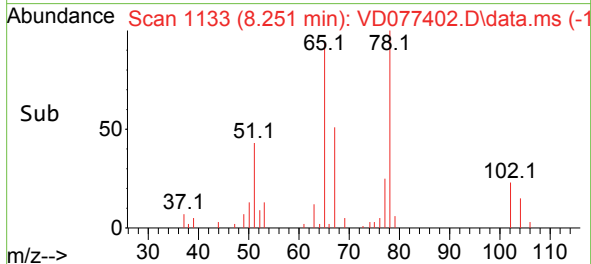
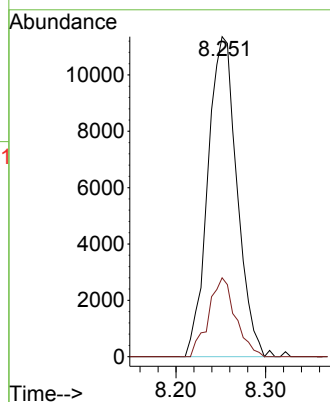
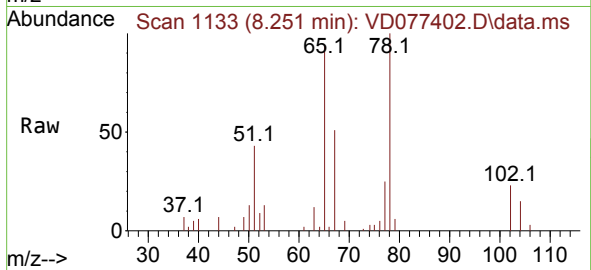




#40
Benzene
Concen: 3.872 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

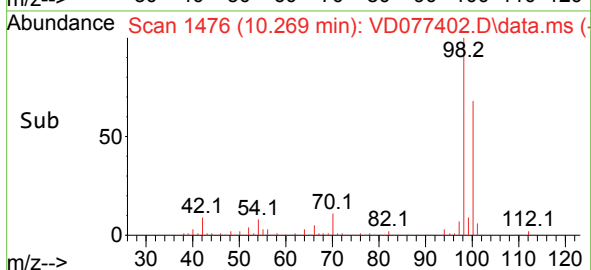
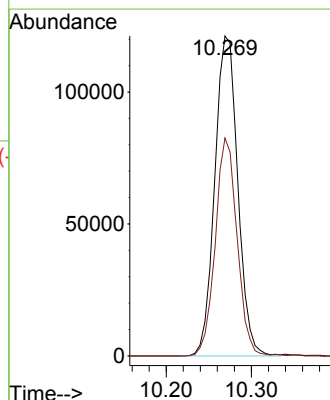
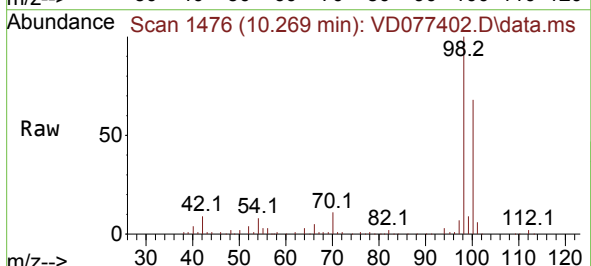
Instrument :
MSVOA_D
ClientSampleId :

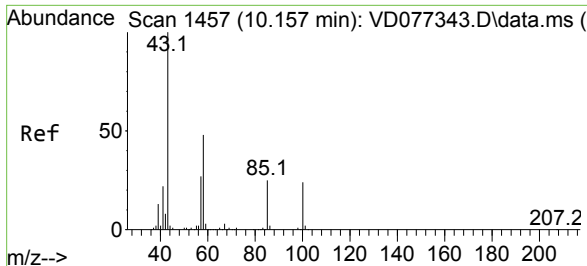
Tgt Ion: 78 Resp: 25604
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0



#50
Toluene-d8
Concen: 38.302 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

Tgt Ion: 98 Resp: 227447
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5

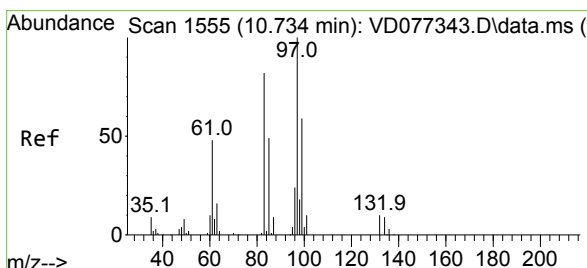
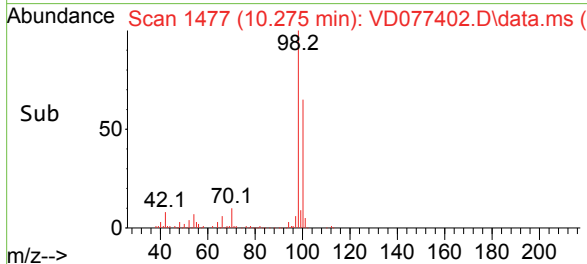
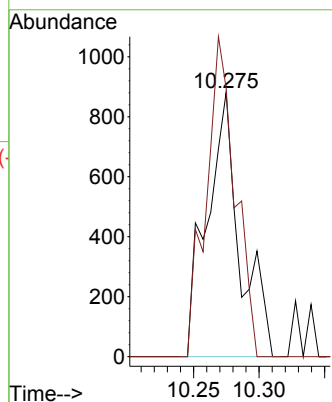
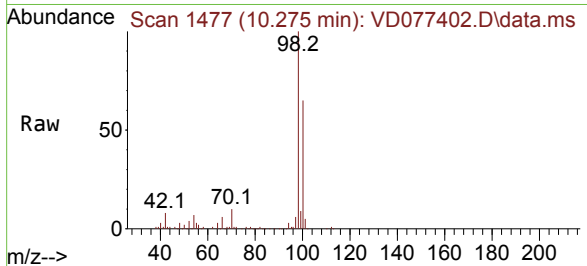




#51
4-Methyl-2-Pentanone
Concen: 2.481 ug/l
RT: 10.275 min Scan# 1457
Delta R.T. 0.118 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

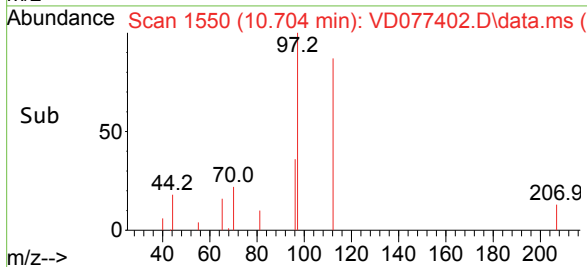
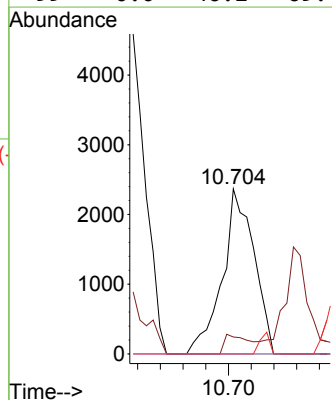
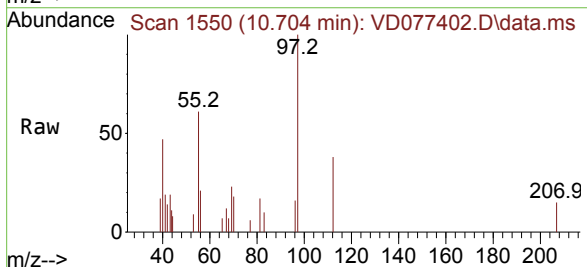
Instrument :
MSVOA_D
ClientSampleId :

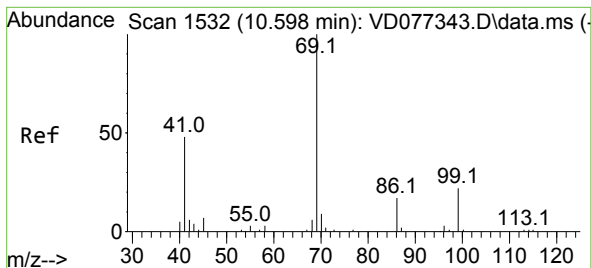
Tgt Ion: 43 Resp: 1532
Ion Ratio Lower Upper
43 100
58 107.6 38.9 58.3#



#55
1,1,2-Trichloroethane
Concen: 3.473 ug/l
RT: 10.704 min Scan# 1550
Delta R.T. -0.030 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

Tgt Ion: 97 Resp: 4584
Ion Ratio Lower Upper
97 100
83 10.3 65.8 98.6#
85 0.0 45.7 68.5#
99 0.0 46.2 69.4#





#56

Ethyl methacrylate

Concen: 2.150 ug/l

RT: 10.610 min Scan# 1534

Delta R.T. 0.012 min

Lab File: VD077402.D

Acq: 24 Oct 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

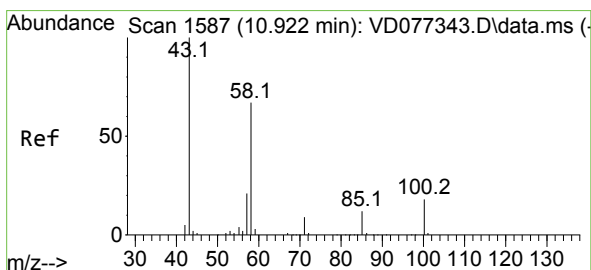
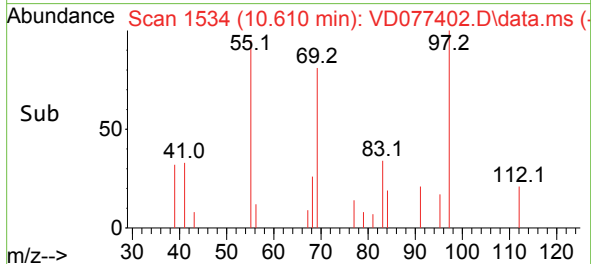
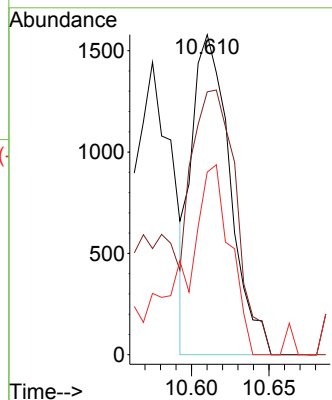
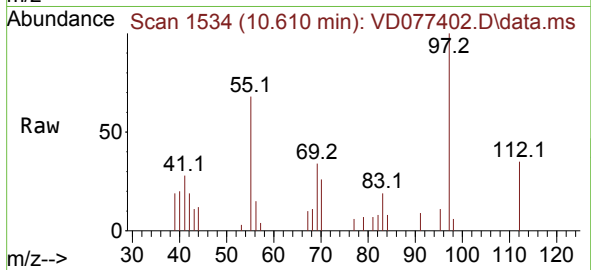
Tgt Ion: 69 Resp: 2712

Ion Ratio Lower Upper

69 100

41 96.8 39.1 58.7#

39 81.2 20.0 30.0#



#59

2-Hexanone

Concen: 30.511 ug/l

RT: 10.887 min Scan# 1581

Delta R.T. -0.035 min

Lab File: VD077402.D

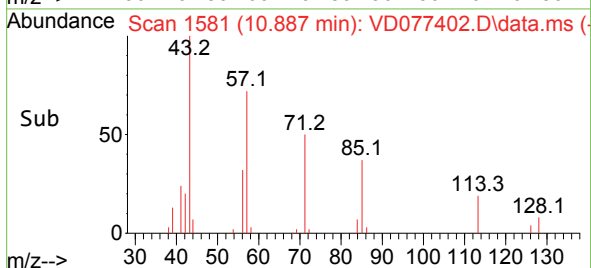
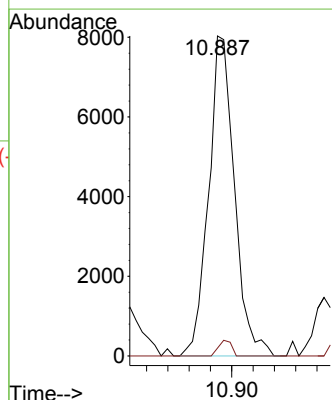
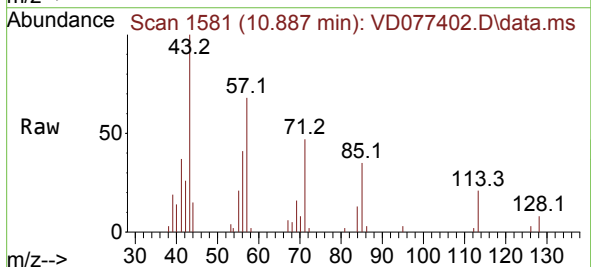
Acq: 24 Oct 2023 18:37

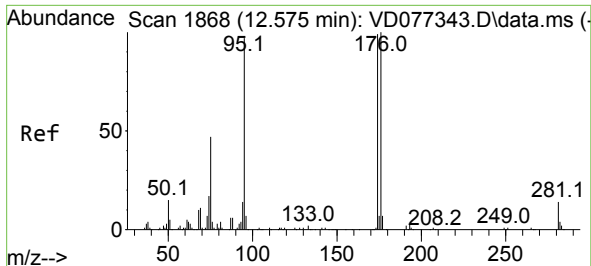
Tgt Ion: 43 Resp: 13534

Ion Ratio Lower Upper

43 100

58 2.4 34.1 102.2#

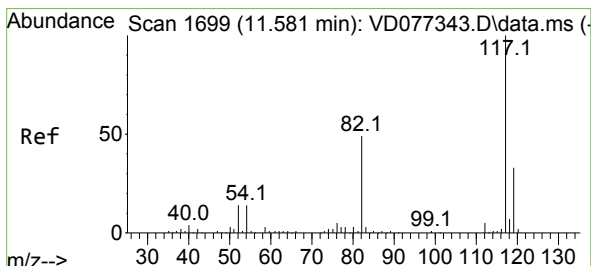
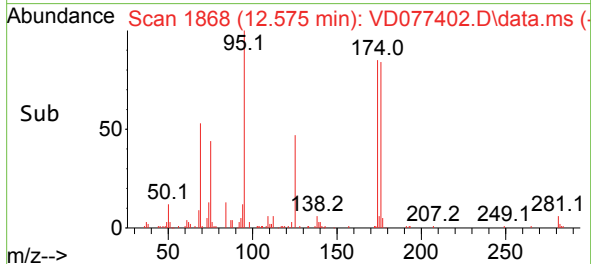
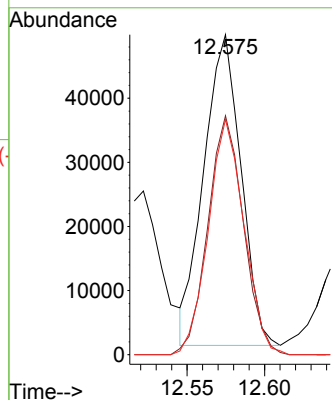
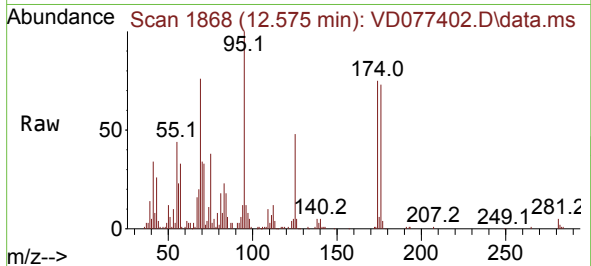




#62
4-Bromofluorobenzene
Concen: 47.233 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

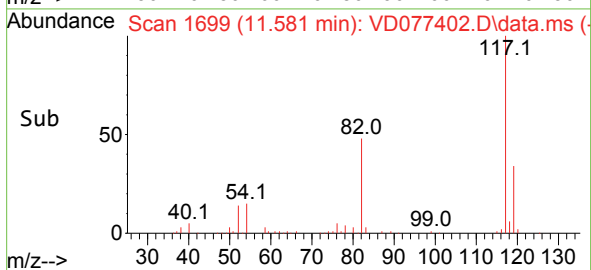
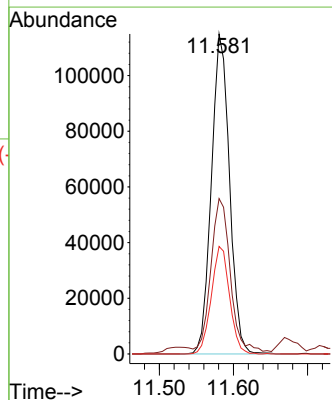
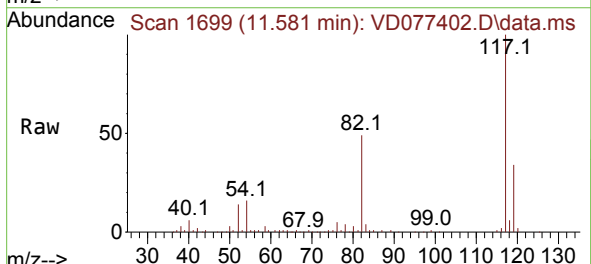
Instrument :
MSVOA_D
ClientSampleId :

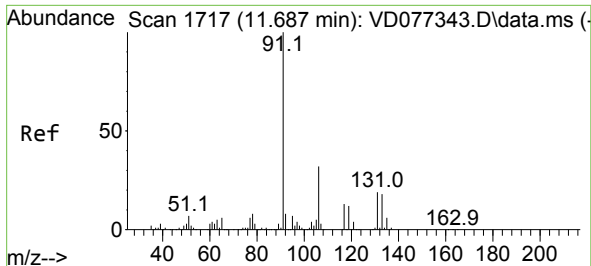
Tgt Ion:	95	Resp:	80739
Ion Ratio	Lower	Upper	
95	100		
174	73.4	0.0	201.8
176	72.6	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

Tgt Ion:	117	Resp:	195065
Ion Ratio	Lower	Upper	
117	100		
82	46.5	38.3	57.5
119	33.6	25.0	37.4

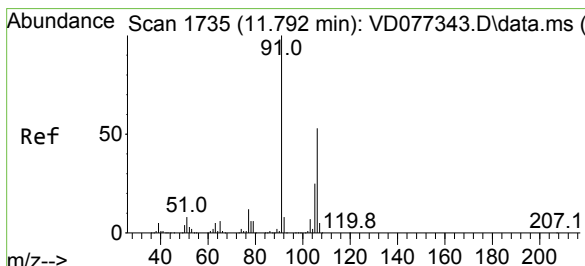
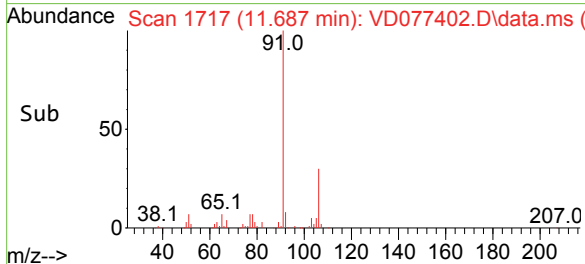
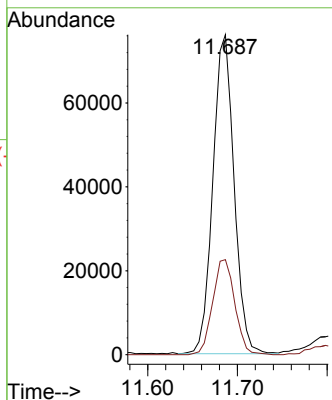
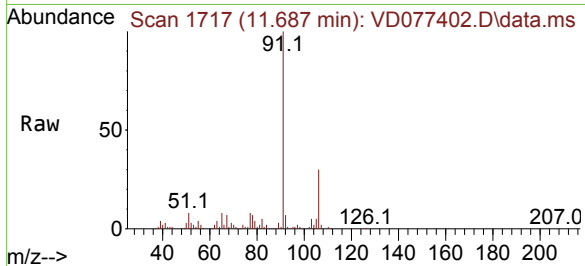




#67
Ethyl Benzene
Concen: 17.678 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

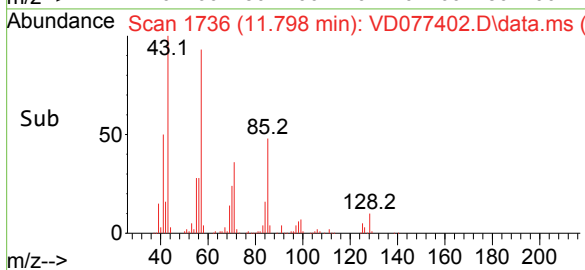
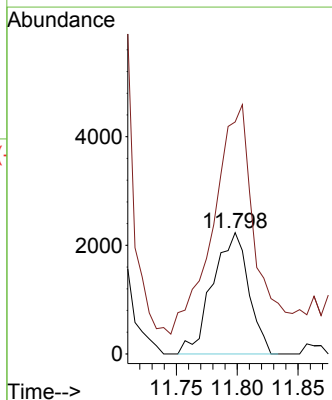
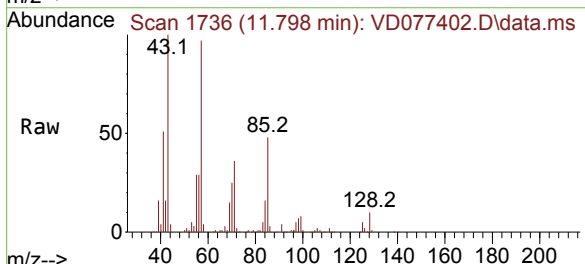
Instrument :
MSVOA_D
ClientSampleId :

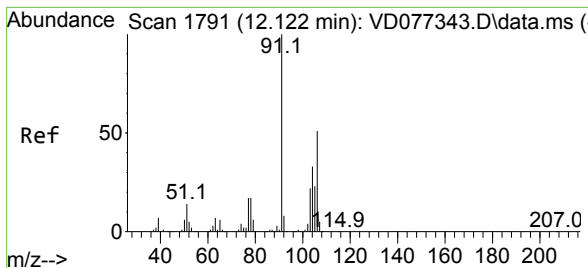
Tgt Ion: 91 Resp: 124600
Ion Ratio Lower Upper
91 100
106 29.8 26.5 39.7



#68
m/p-Xylenes
Concen: 1.589 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

Tgt Ion:106 Resp: 4599
Ion Ratio Lower Upper
106 100
91 213.7 147.0 220.6

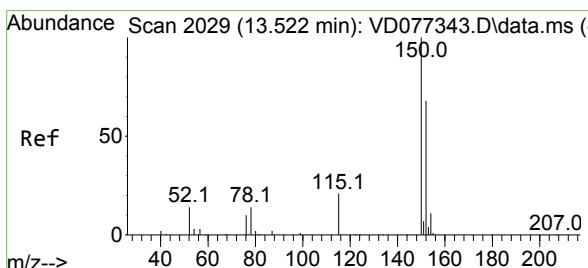
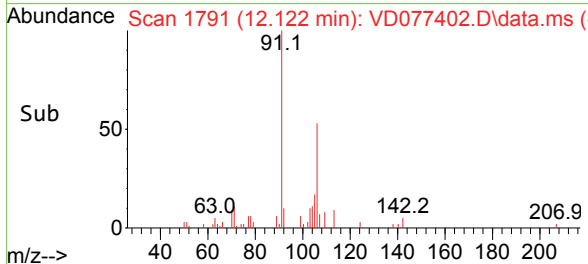
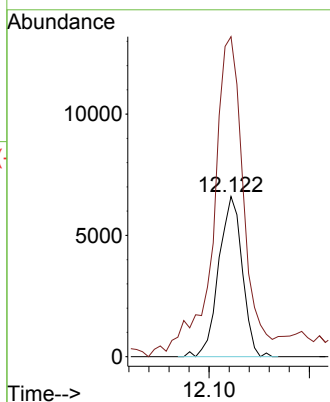
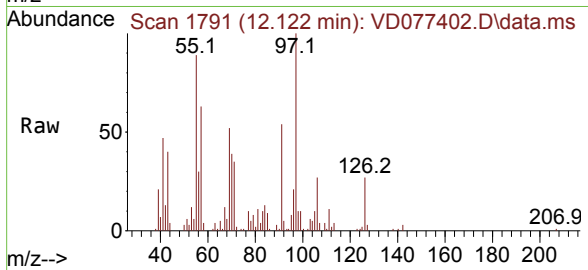




#69
o-Xylene
Concen: 4.025 ug/l
RT: 12.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

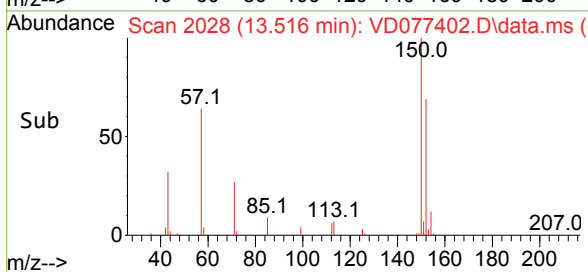
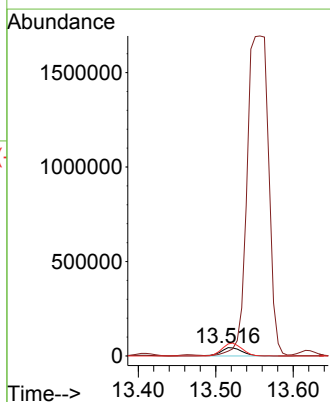
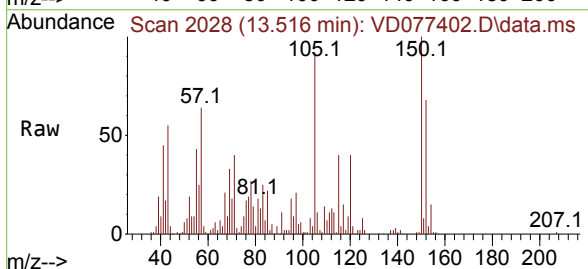
Instrument :
MSVOA_D
ClientSampleId :

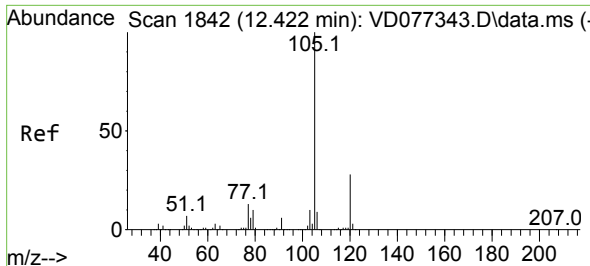
Tgt Ion:106 Resp: 10725
Ion Ratio Lower Upper
106 100
91 259.2 97.9 293.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

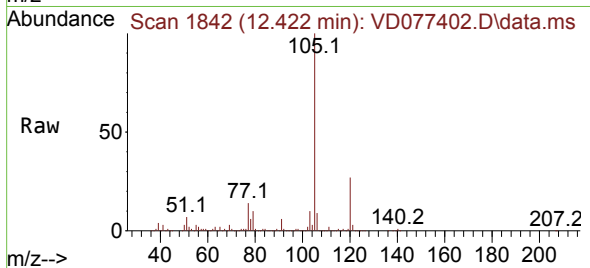
Tgt Ion:152 Resp: 84569
Ion Ratio Lower Upper
152 100
115 0.0 27.1 81.3#
150 143.5 0.0 353.6



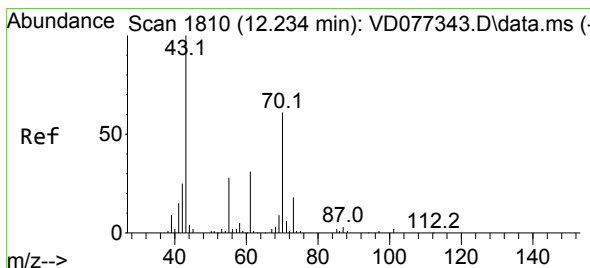
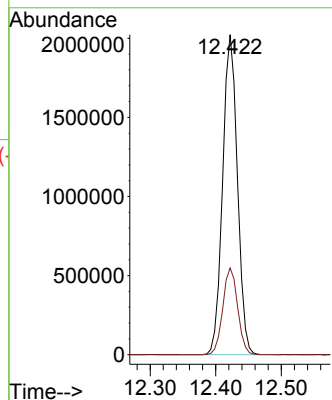
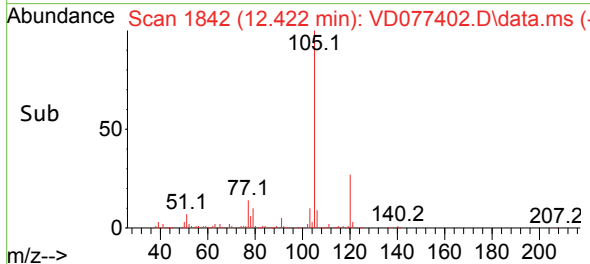


#73
Isopropylbenzene
Concen: 562.413 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

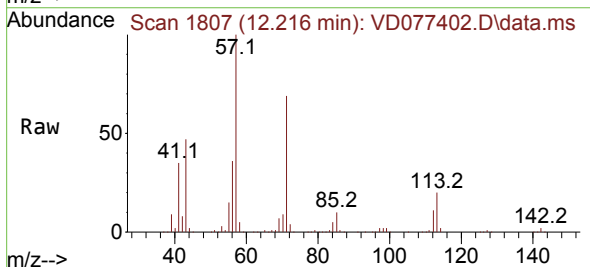
Instrument :
MSVOA_D
ClientSampleId :



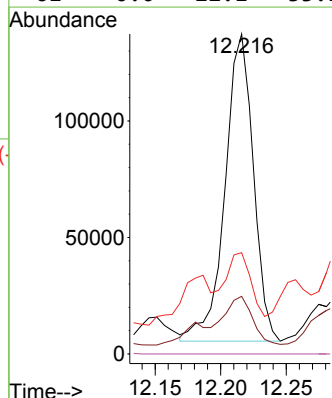
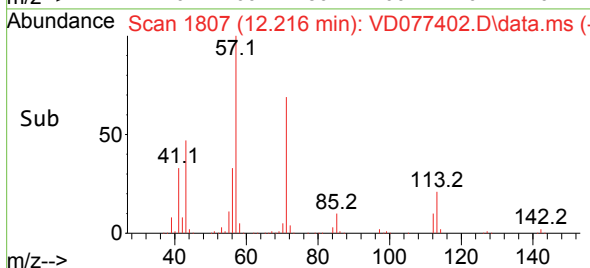
Tgt Ion:105 Resp: 3146022
Ion Ratio Lower Upper
105 100
120 27.1 14.3 42.9

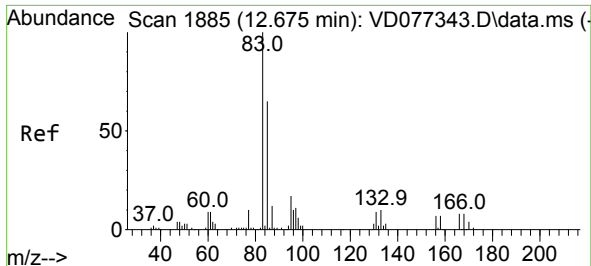


#74
N-ethyl acetate
Concen: 246.395 ug/l
RT: 12.216 min Scan# 1807
Delta R.T. -0.018 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37



Tgt Ion: 43 Resp: 198277
Ion Ratio Lower Upper
43 100
70 15.4 45.0 67.4#
55 16.6 23.8 35.6#
61 0.0 22.1 33.1#

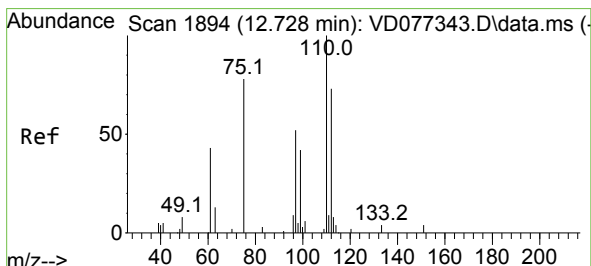
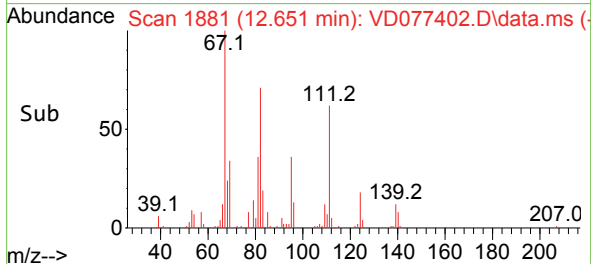
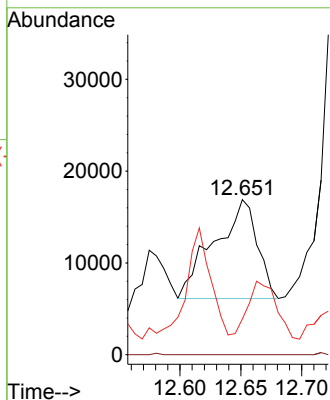
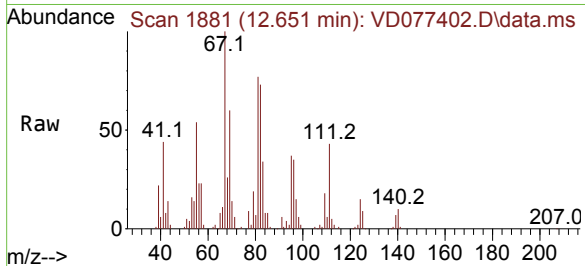




#75
1,1,2,2-Tetrachloroethane
Concen: 26.060 ug/l
RT: 12.651 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

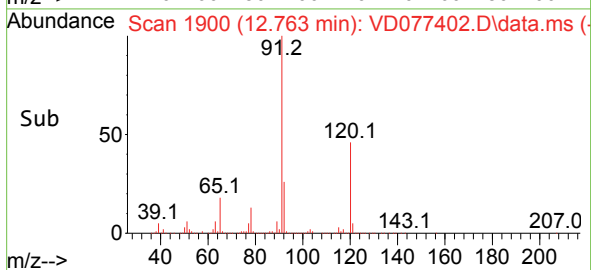
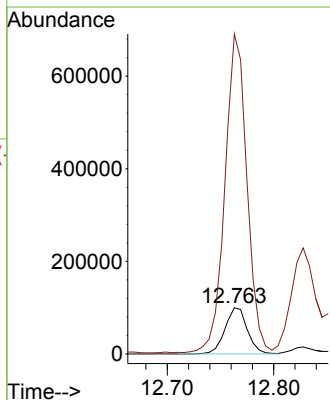
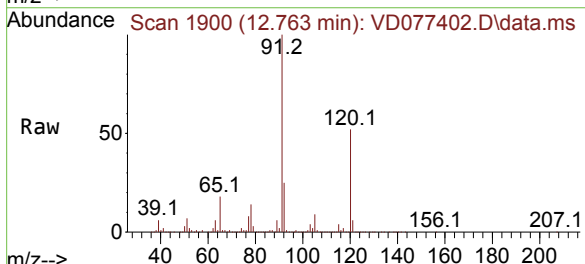
Instrument :
MSVOA_D
ClientSampleId :

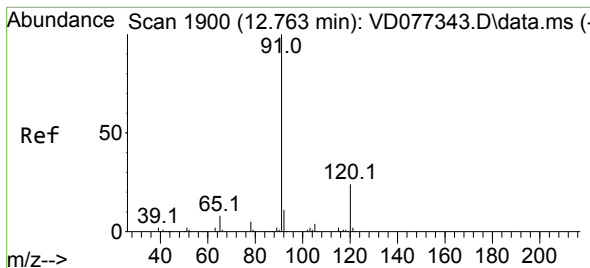
Tgt Ion: 83 Resp: 26490
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 0.0 32.6 97.8#



#76
1,2,3-Trichloropropane
Concen: 122.606 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.035 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

Tgt Ion: 75 Resp: 145593
Ion Ratio Lower Upper
75 100
77 674.6 0.0 0.0#





#78

n-propylbenzene

Concen: 2554.623 ug/l

RT: 12.757 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VD077402.D

Acq: 24 Oct 2023 18:37

Instrument :

MSVOA_D

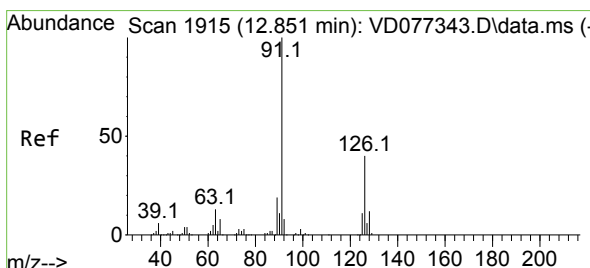
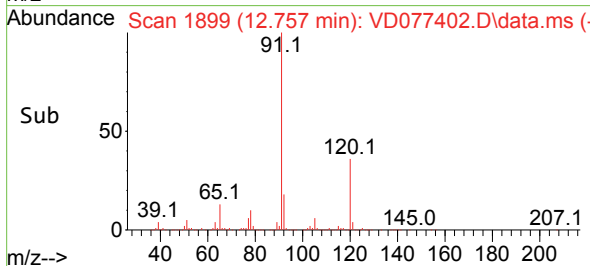
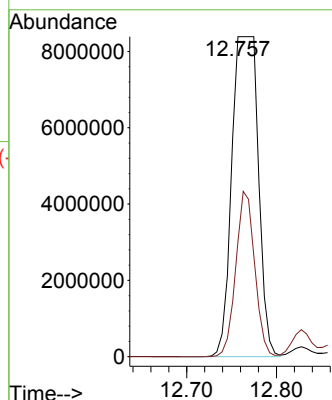
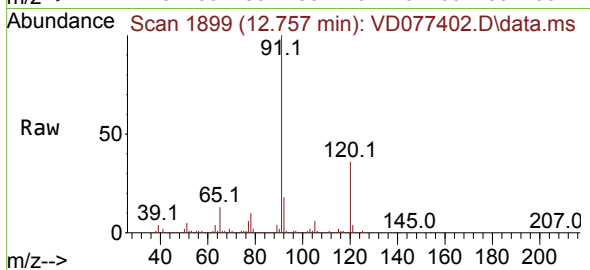
ClientSampleId :

Tgt Ion: 91 Resp:17209787

Ion Ratio Lower Upper

91 100

120 36.9 12.4 37.2



#79

2-Chlorotoluene

Concen: 4690.141 ug/l

RT: 12.757 min Scan# 1899

Delta R.T. -0.094 min

Lab File: VD077402.D

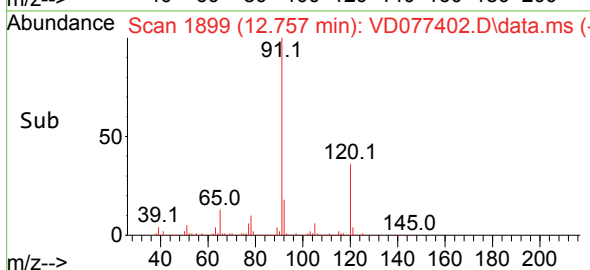
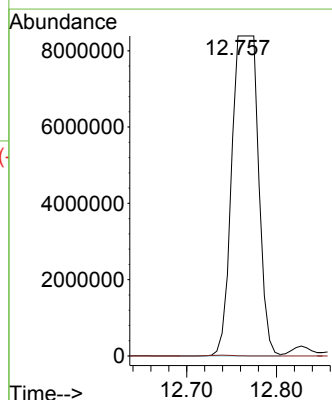
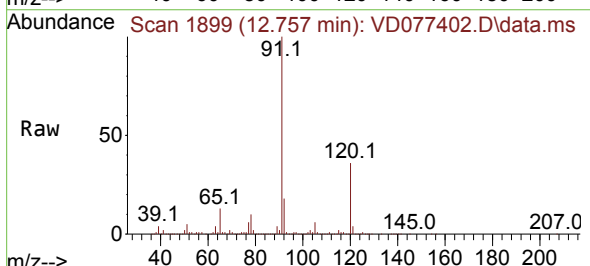
Acq: 24 Oct 2023 18:37

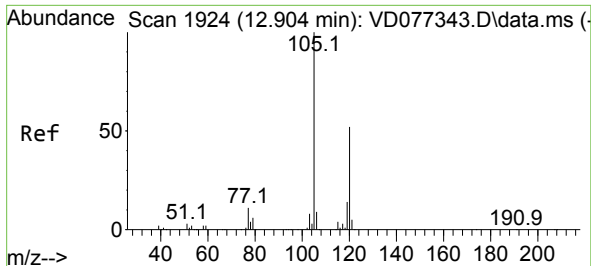
Tgt Ion: 91 Resp:17209787

Ion Ratio Lower Upper

91 100

126 0.2 19.4 58.1#

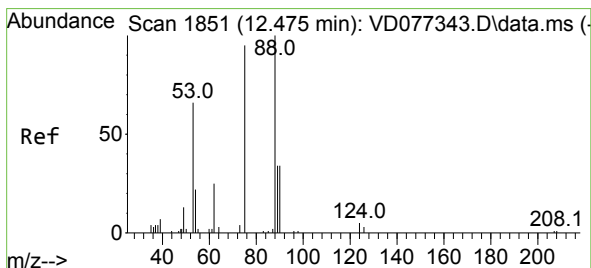
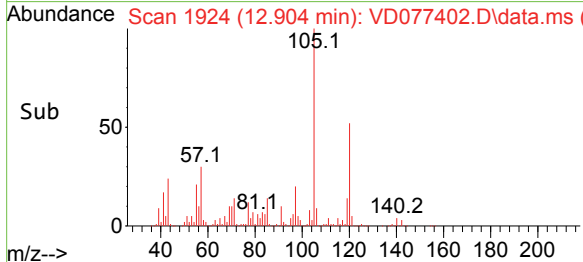
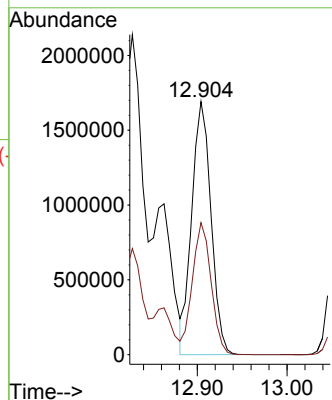
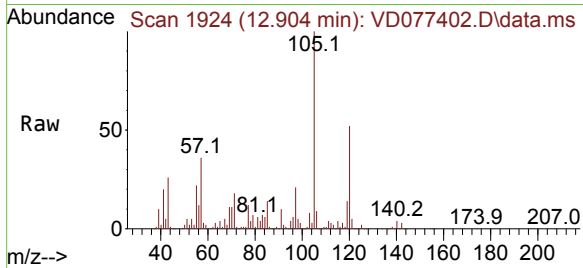




#80
1,3,5-Trimethylbenzene
Concen: 545.429 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

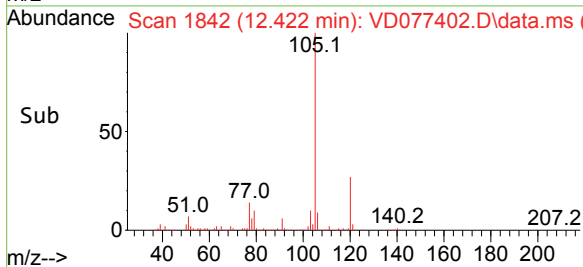
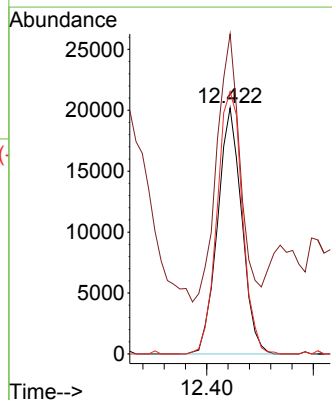
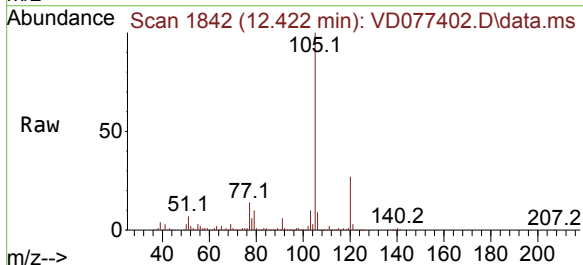
Instrument :
MSVOA_D
ClientSampleId :

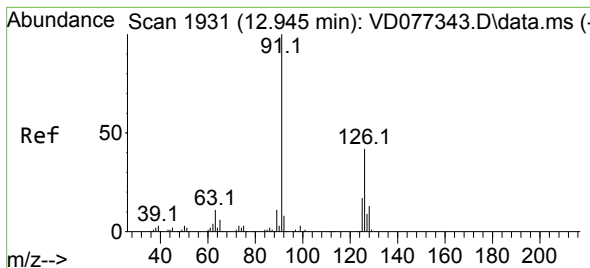
Tgt Ion:105 Resp: 2517744
Ion Ratio Lower Upper
105 100
120 51.0 26.4 79.2



#81
trans-1,4-Dichloro-2-butene
Concen: 100.871 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.053 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

Tgt Ion: 75 Resp: 31836
Ion Ratio Lower Upper
75 100
53 120.7 63.0 94.4#
89 111.7 37.9 56.9#

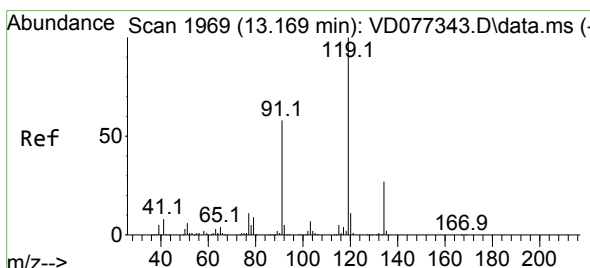
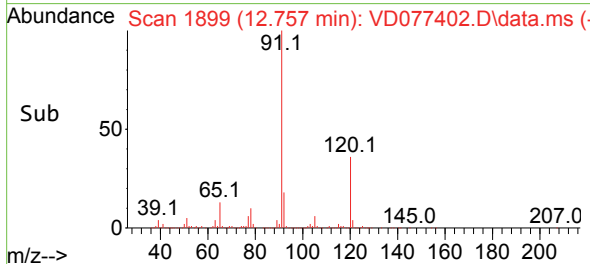
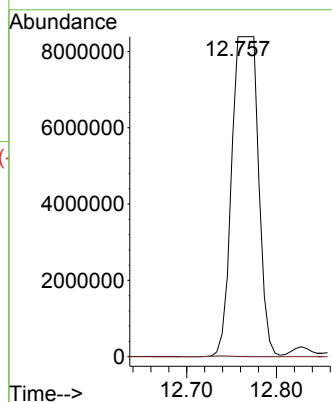
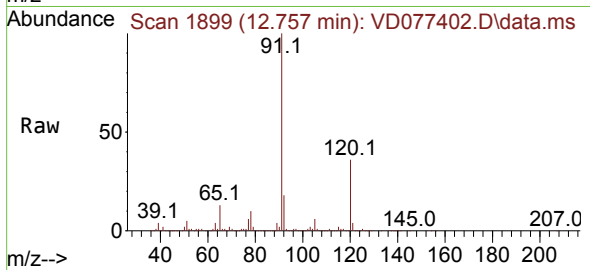




#82
4-Chlorotoluene
Concen: 4504.925 ug/l
RT: 12.757 min Scan# 1931
Delta R.T. -0.188 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

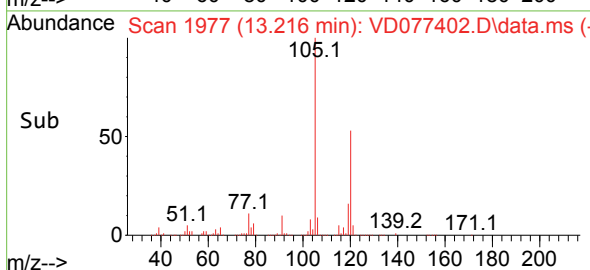
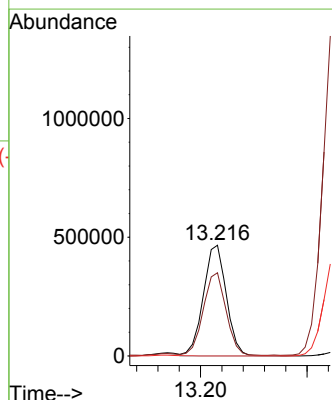
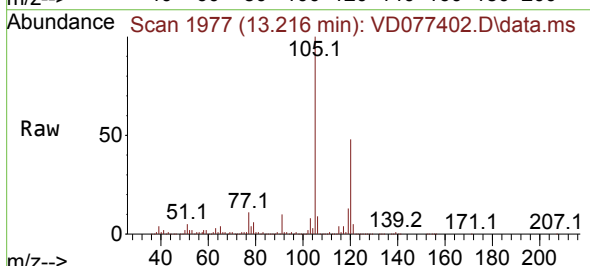
Instrument :
MSVOA_D
ClientSampleId :

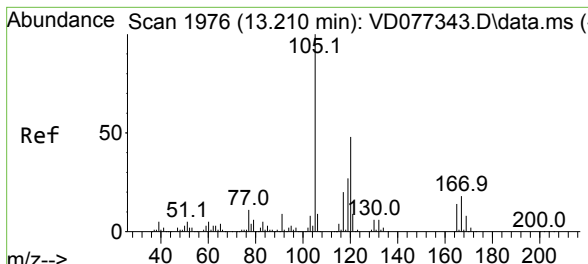
Tgt Ion: 91 Resp:17209787
Ion Ratio Lower Upper
91 100
126 0.2 19.4 58.4#



#83
tert-Butylbenzene
Concen: 170.427 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.047 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

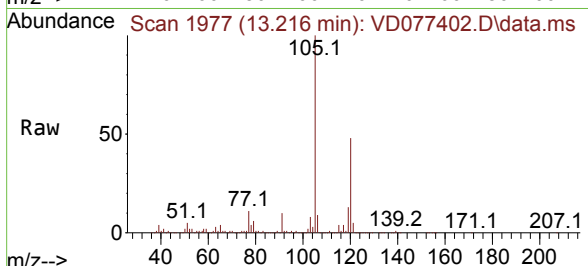
Tgt Ion:119 Resp: 697481
Ion Ratio Lower Upper
119 100
91 73.6 29.3 87.8
134 0.0 14.1 42.3#



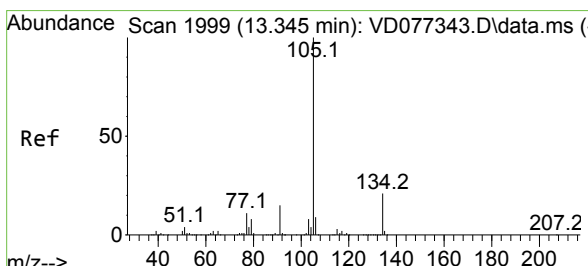
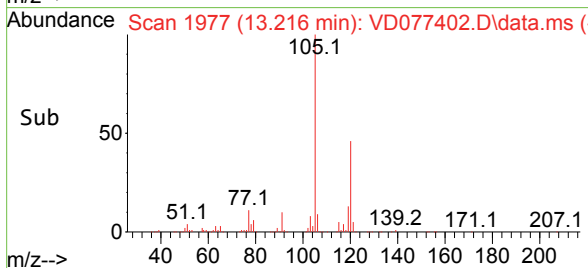
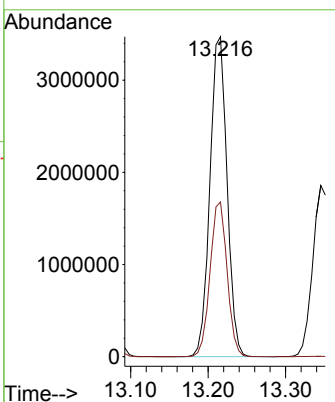


#84
 1,2,4-Trimethylbenzene
 Concen: 1142.216 ug/l
 RT: 13.216 min Scan# 1976
 Delta R.T. 0.006 min
 Lab File: VD077402.D
 Acq: 24 Oct 2023 18:37

Instrument :
 MSVOA_D
 ClientSampleId :

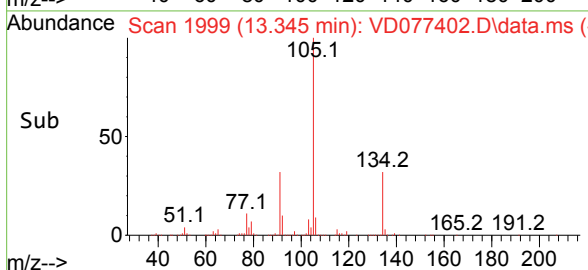
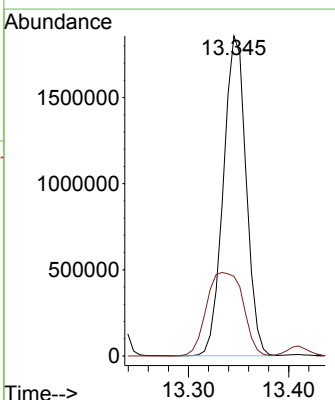
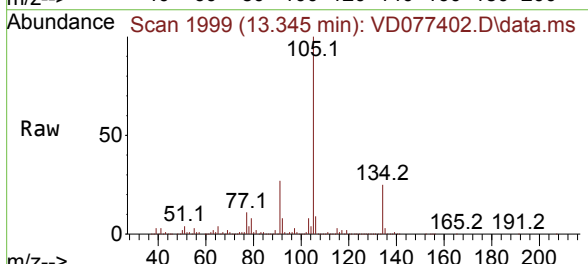


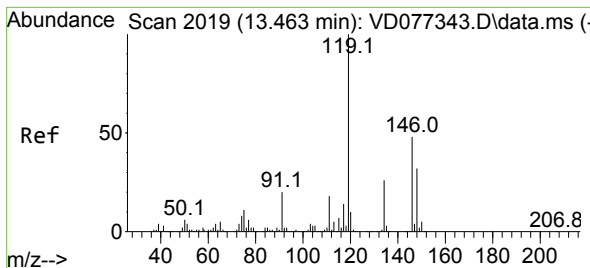
Tgt Ion:105 Resp: 5308533
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.9



#85
 sec-Butylbenzene
 Concen: 476.657 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD077402.D
 Acq: 24 Oct 2023 18:37

Tgt Ion:105 Resp: 2935477
 Ion Ratio Lower Upper
 105 100
 134 41.7 10.9 32.9#





#86

p-Isopropyltoluene

Concen: 54.300 ug/l

RT: 13.410 min Scan# 2010

Delta R.T. -0.053 min

Lab File: VD077402.D

Acq: 24 Oct 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

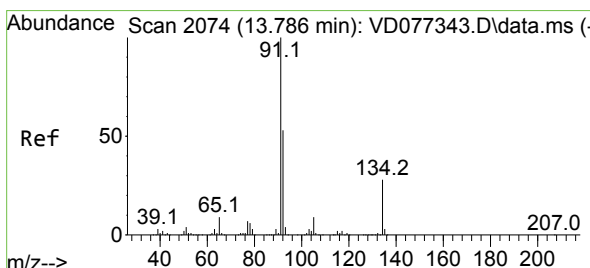
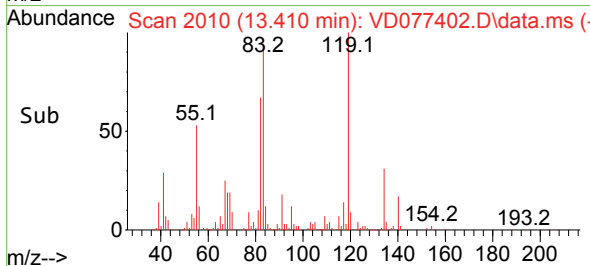
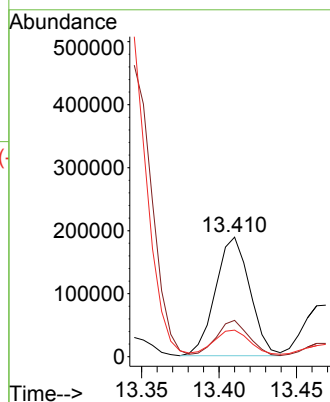
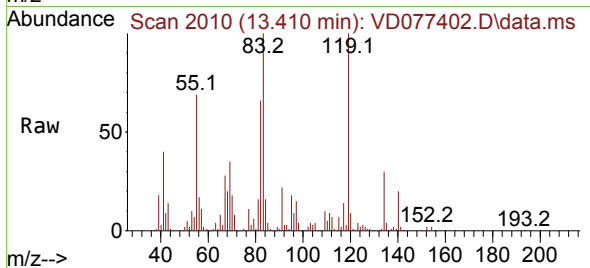
Tgt Ion:119 Resp: 290512

Ion Ratio Lower Upper

119 100

134 0.0 14.2 42.6#

91 0.0 10.5 31.5#



#89

n-Butylbenzene

Concen: 698.888 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD077402.D

Acq: 24 Oct 2023 18:37

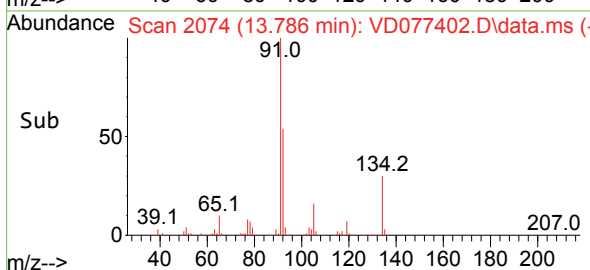
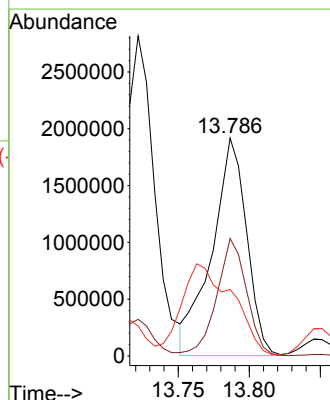
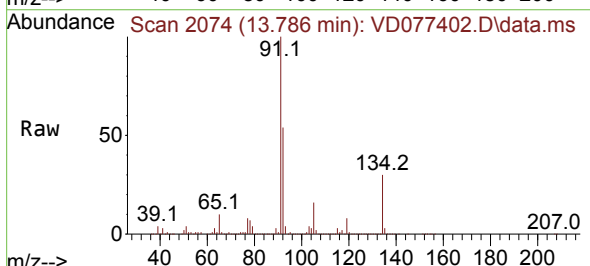
Tgt Ion: 91 Resp: 3255886

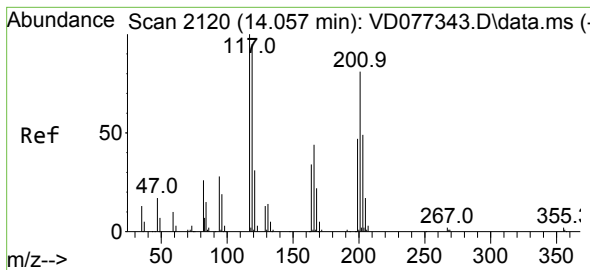
Ion Ratio Lower Upper

91 100

92 46.1 26.5 79.5

134 0.0 13.8 41.3#

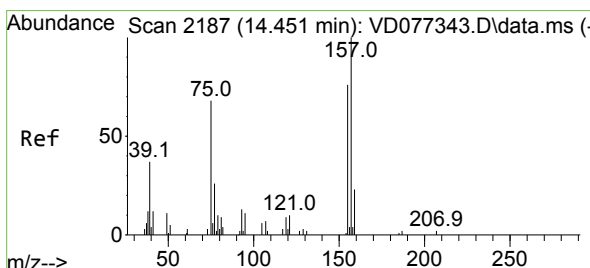
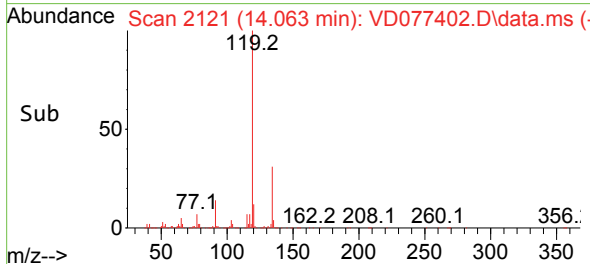
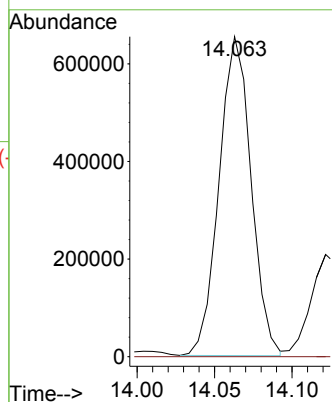
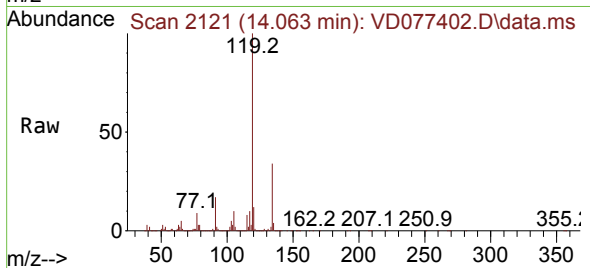




#90
Hexachloroethane
Concen: 867.411 ug/l
RT: 14.063 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

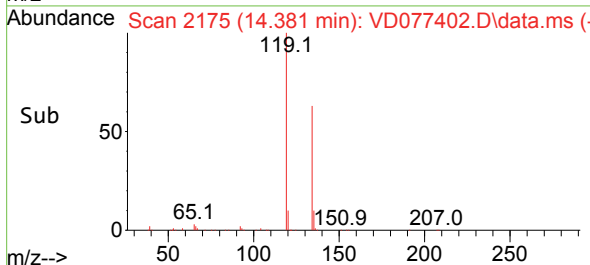
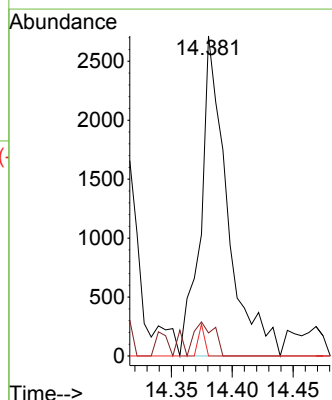
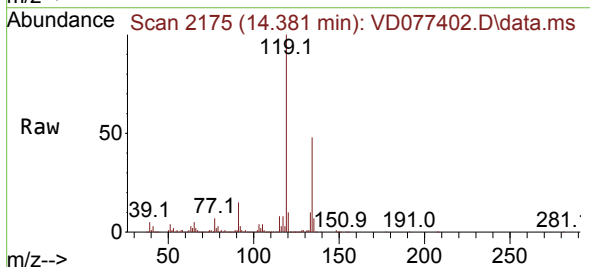
Instrument :
MSVOA_D
ClientSampleId :

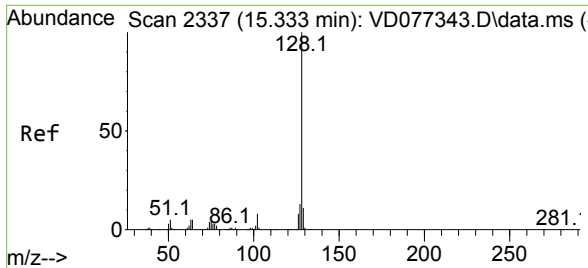
Tgt Ion:117 Resp: 938075
Ion Ratio Lower Upper
117 100
201 0.0 38.5 115.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 33.163 ug/l
RT: 14.381 min Scan# 2175
Delta R.T. -0.071 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

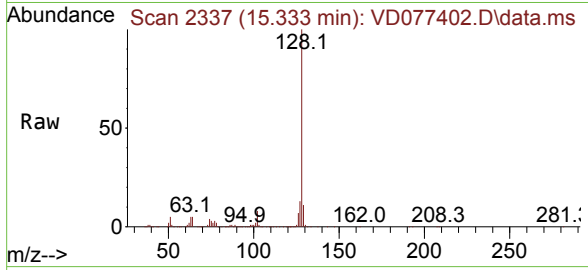
Tgt Ion: 75 Resp: 4126
Ion Ratio Lower Upper
75 100
155 9.9 47.9 143.8#
157 2.3 59.9 179.7#





#95
Naphthalene
Concen: 328.967 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077402.D
Acq: 24 Oct 2023 18:37

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	903475
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.8	8.7	13.1

