

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061323\
 Data File : VD076401.D
 Acq On : 13 Jun 2023 13:19
 Operator : KP/SY
 Sample : 03155-03
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-VOC

Quant Time: Jun 14 05:45:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.863	168	1091	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.781	114	4721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	4206	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	2500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	2137	169.584	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	339.160%#
35) Dibromofluoromethane	7.805	113	2088	68.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	136.860%
50) Toluene-d8	10.269	98	5548	47.981	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.960%
62) 4-Bromofluorobenzene	12.575	95	2450	61.763	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	123.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.193	85	76	7.799	ug/l #	43
3) Chloromethane	2.146	50	807	43.737	ug/l #	41
4) Vinyl Chloride	2.228	62	55	3.115	ug/l #	1
5) Bromomethane	2.711	94	192	20.754	ug/l	94
6) Chloroethane	2.770	64	56	5.267	ug/l #	43
10) Methyl Iodide	4.164	142	167	12.157	ug/l #	46
11) Tert butyl alcohol	5.275	59	67	63.602	ug/l #	73
12) 1,1-Dichloroethene	3.958	96	56	5.140	ug/l #	1
13) Acrolein	3.746	56	57	47.172	ug/l #	1
14) Allyl chloride	4.552	41	233	10.936	ug/l #	19
15) Acrylonitrile	5.240	53	75	23.094	ug/l #	1
16) Acetone	3.993	43	157	56.674	ug/l #	32
18) Methyl Acetate	4.546	43	241	19.082	ug/l #	42
19) Methyl tert-butyl Ether	5.240	73	58	1.919	ug/l #	55
20) Methylene Chloride	4.781	84	60	Below Cal	#	17
21) trans-1,2-Dichloroethene	5.164	96	66	5.213	ug/l #	4
22) Diisopropyl ether	6.193	45	55	1.268	ug/l #	30
23) Vinyl Acetate	6.134	43	133	7.140	ug/l #	63
25) 2-Butanone	7.063	43	217	50.084	ug/l #	37
26) 2,2-Dichloropropane	7.063	77	59	2.718	ug/l #	49
28) Bromochloromethane	7.452	49	58	4.912	ug/l #	1
29) Tetrahydrofuran	7.428	42	324	117.212	ug/l #	23
30) Chloroform	7.628	83	68	2.830	ug/l #	17
31) Cyclohexane	7.852	56	69	3.422	ug/l #	8
37) Ethyl Acetate	7.146	43	492	21.003	ug/l #	62
38) Carbon Tetrachloride	7.899	117	56	1.354	ug/l #	11
41) Methacrylonitrile	7.387	41	190	12.679	ug/l #	11
43) Isopropyl Acetate	8.369	43	146	2.973	ug/l #	43
45) 1,2-Dichloropropane	9.434	63	57	1.656	ug/l #	44
46) Dibromomethane	9.657	93	62	3.265	ug/l #	2
47) Bromodichloromethane	9.681	83	80	1.701	ug/l #	25
48) Methyl methacrylate	9.387	41	414	17.587	ug/l #	15
51) 4-Methyl-2-Pentanone	10.169	43	529	21.686	ug/l #	28
53) t-1,3-Dichloropropene	10.781	75	67	1.392	ug/l #	43
55) 1,1,2-Trichloroethane	10.751	97	65	2.562	ug/l #	16
56) Ethyl methacrylate	10.616	69	60	1.703	ug/l #	1

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 Response via : Initial Calibration

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

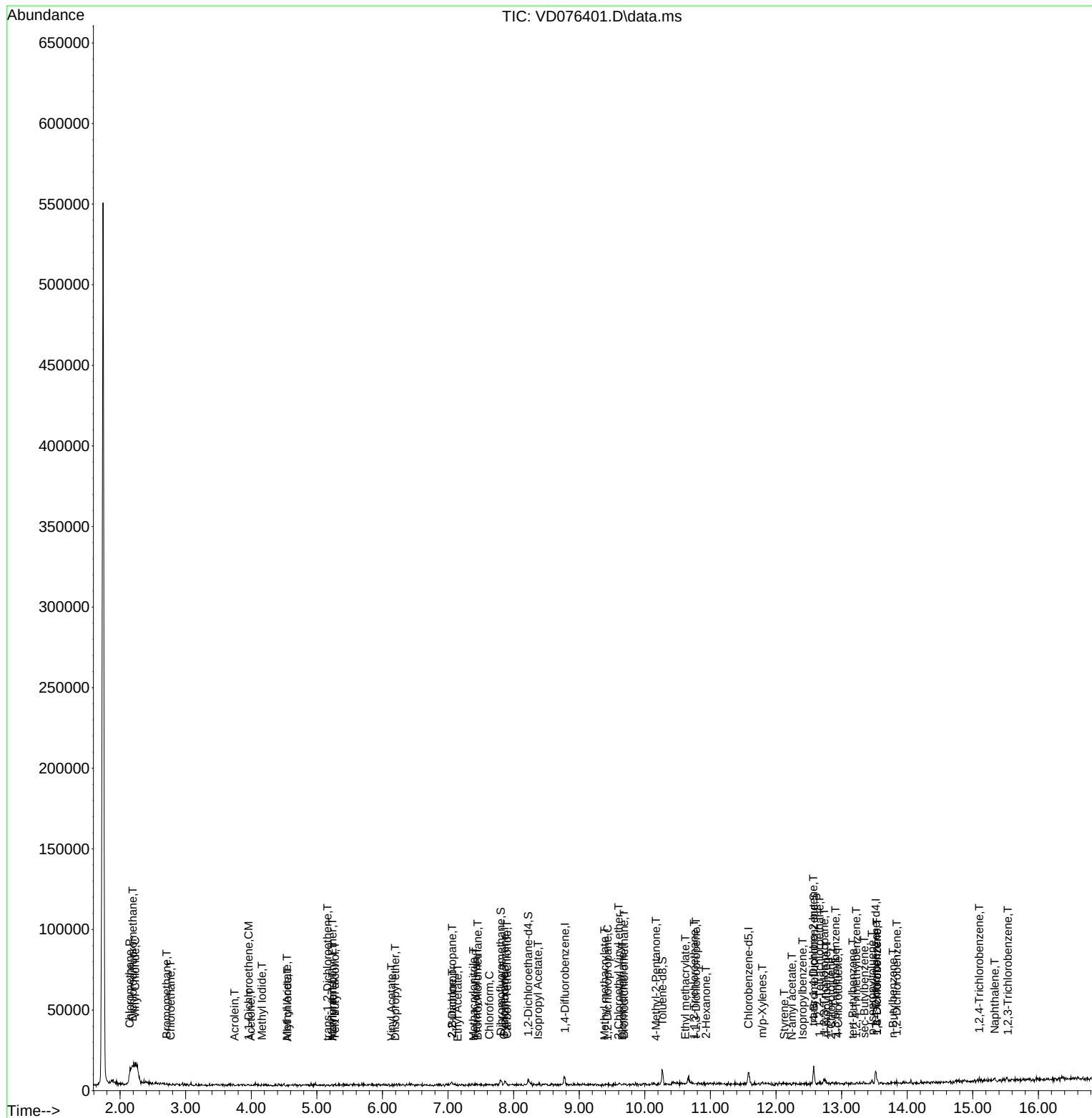
58) 2-Chloroethyl Vinyl ether	9.599	63	56	3.903	ug/l #	43
59) 2-Hexanone	10.934	43	311	18.188	ug/l	62
68) m/p-Xylenes	11.793	106	66	1.086	ug/l #	1
70) Styrene	12.128	104	117	1.175	ug/l #	61
73) Isopropylbenzene	12.404	105	358	1.894	ug/l #	46
74) N-amyl acetate	12.240	43	295	5.116	ug/l #	19
75) 1,1,2,2-Tetrachloroethane	12.663	83	77	2.062	ug/l #	25
76) 1,2,3-Trichloropropane	12.734	75	140	5.990	ug/l #	100
78) n-propylbenzene	12.769	91	551	2.391	ug/l #	50
79) 2-Chlorotoluene	12.840	91	162	1.242	ug/l #	2
80) 1,3,5-Trimethylbenzene	12.904	105	293	1.857	ug/l #	59
81) trans-1,4-Dichloro-2-b...	12.569	75	1357	103.954	ug/l #	17
82) 4-Chlorotoluene	12.945	91	528	3.866	ug/l #	54
83) tert-Butylbenzene	13.169	119	381	2.813	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.222	105	410	2.630	ug/l #	28
85) sec-Butylbenzene	13.345	105	700	3.512	ug/l #	54
86) p-Isopropyltoluene	13.463	119	425	2.532	ug/l #	65
87) 1,3-Dichlorobenzene	13.540	146	548	6.348	ug/l	89
88) 1,4-Dichlorobenzene	13.540	146	548	6.423	ug/l	89
89) n-Butylbenzene	13.781	91	446	2.766	ug/l #	46
91) 1,2-Dichlorobenzene	13.840	146	220	2.898	ug/l #	26
93) 1,2,4-Trichlorobenzene	15.098	180	201	3.955	ug/l #	1
95) Naphthalene	15.334	128	977	9.574	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.534	180	305	6.949	ug/l	75

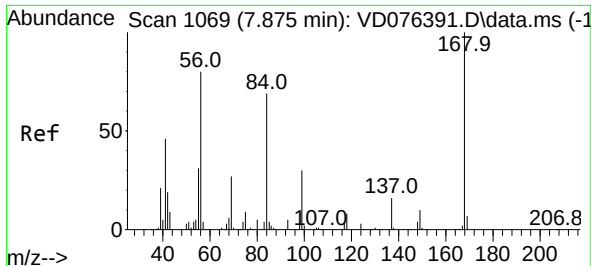
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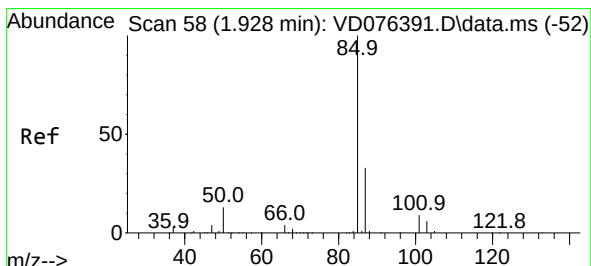
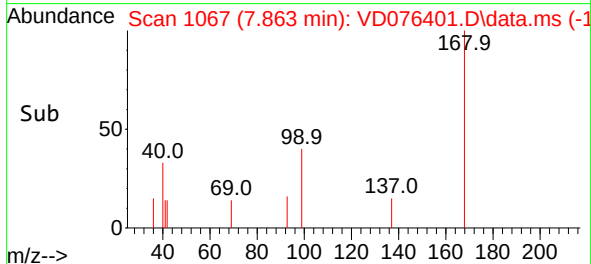
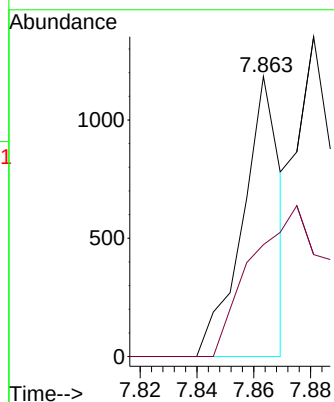
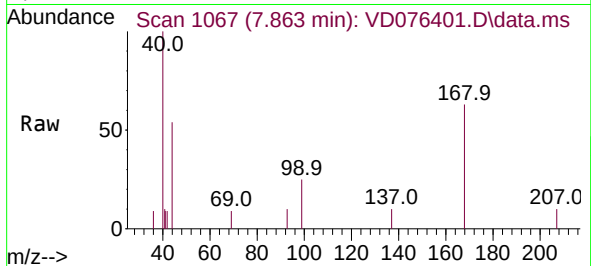




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.863 min Scan# 1091
Delta R.T. -0.012 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

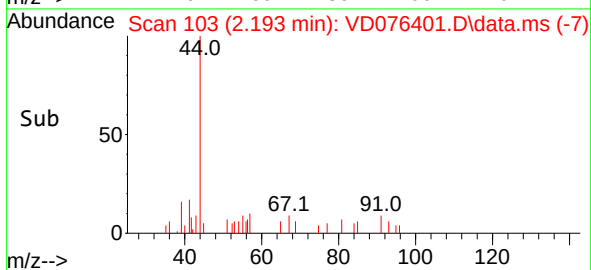
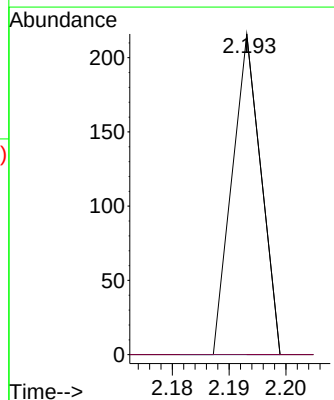
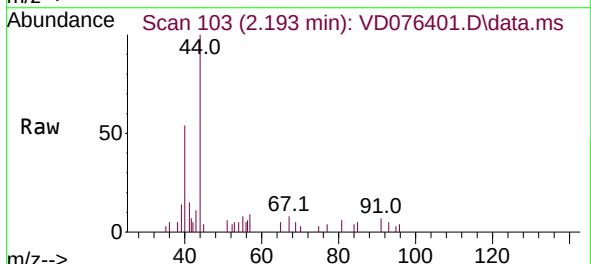
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MSVOA_D
ClientSampleId :
WC-1-VOC

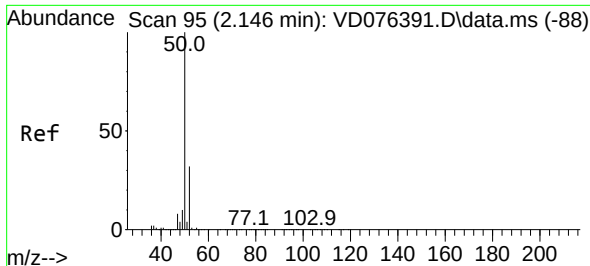
Tgt Ion:168 Resp: 1091
Ion Ratio Lower Upper
168 100
99 39.9 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 7.799 ug/l
RT: 2.193 min Scan# 103
Delta R.T. 0.265 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

Tgt Ion: 85 Resp: 76
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#

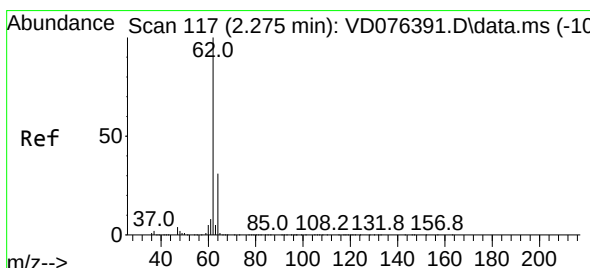
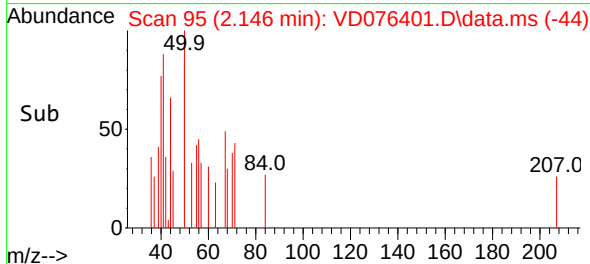
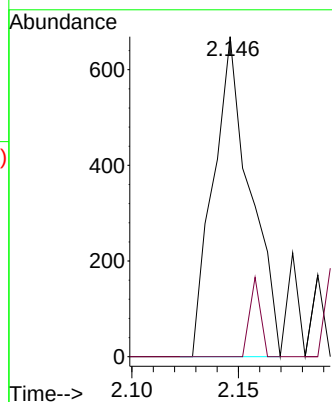
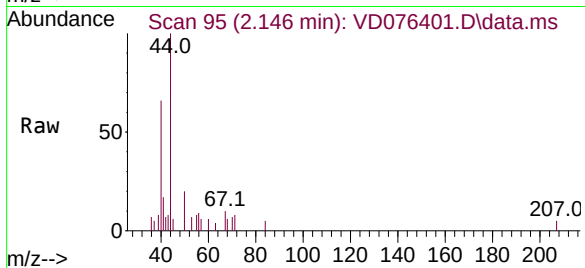




#3
Chloromethane
Concen: 43.737 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

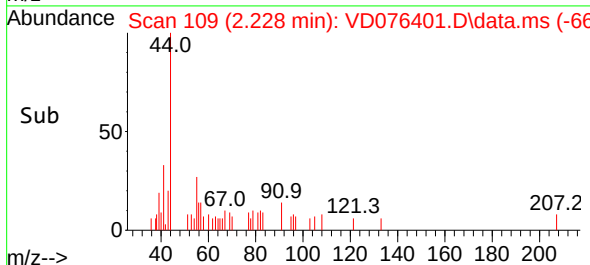
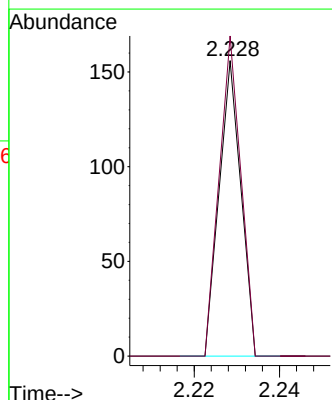
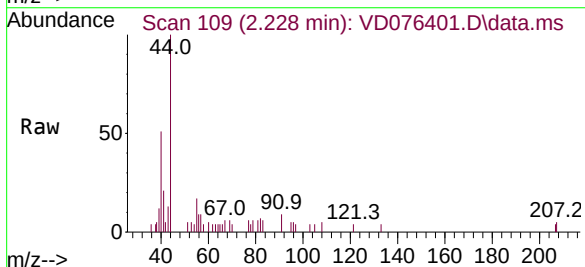
Instrument :
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ClientSampleId :
WC-1-VOC

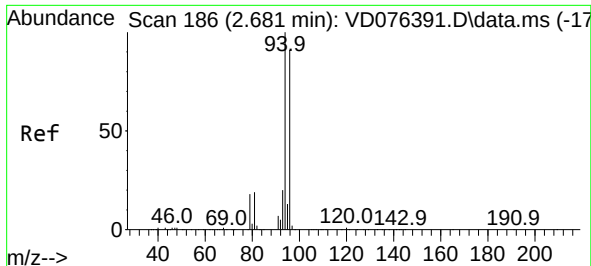
Tgt Ion: 50 Resp: 807
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#



#4
Vinyl Chloride
Concen: 3.115 ug/l
RT: 2.228 min Scan# 109
Delta R.T. -0.047 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

Tgt Ion: 62 Resp: 55
Ion Ratio Lower Upper
62 100
64 108.3 26.0 39.0#

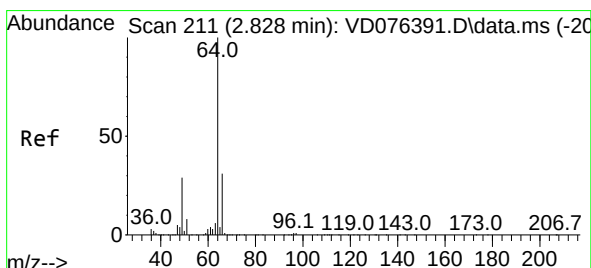
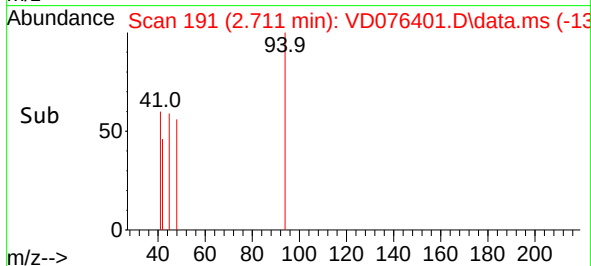
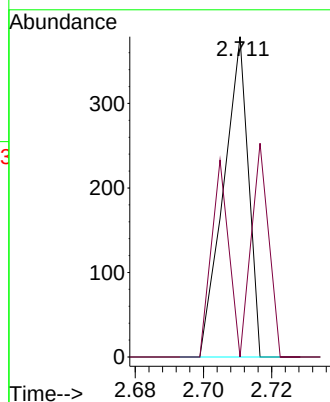
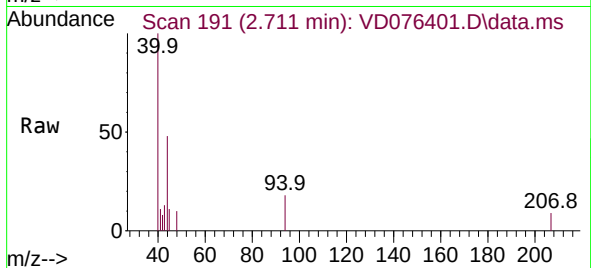




#5
Bromomethane
Concen: 20.754 ug/l
RT: 2.711 min Scan# 191
Delta R.T. 0.030 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

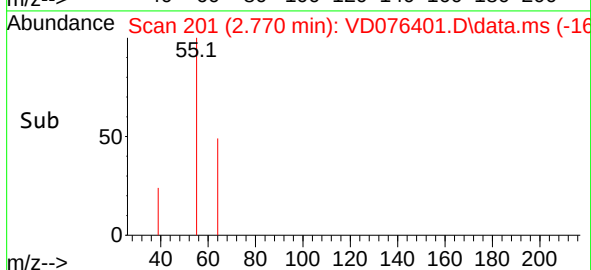
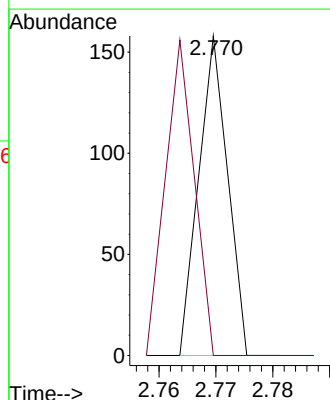
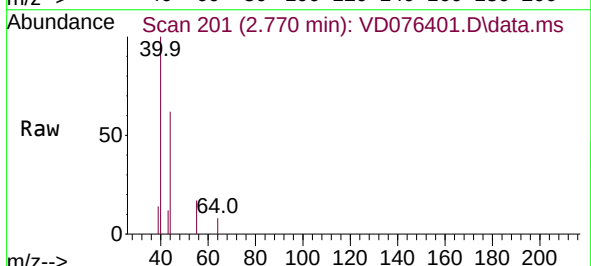
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

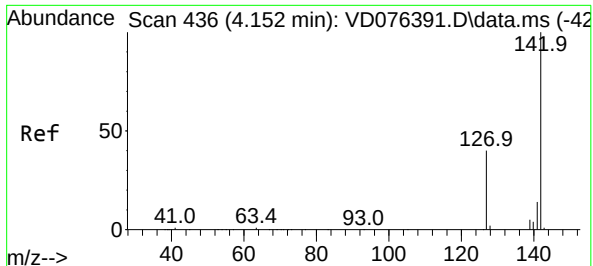
Tgt Ion: 94 Resp: 192
Ion Ratio Lower Upper
94 100
96 89.1 75.8 113.8



#6
Chloroethane
Concen: 5.267 ug/l
RT: 2.770 min Scan# 201
Delta R.T. -0.059 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

Tgt Ion: 64 Resp: 56
Ion Ratio Lower Upper
64 100
66 0.0 25.5 38.3#

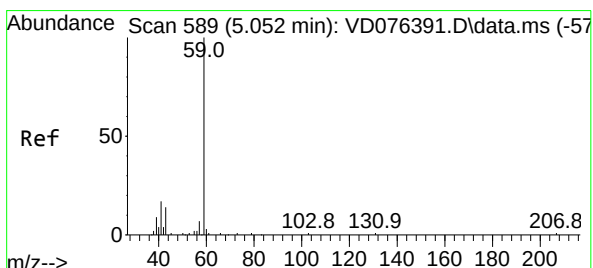
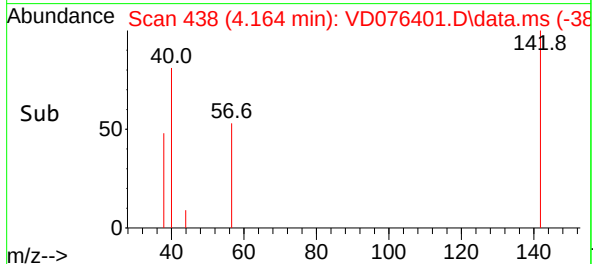
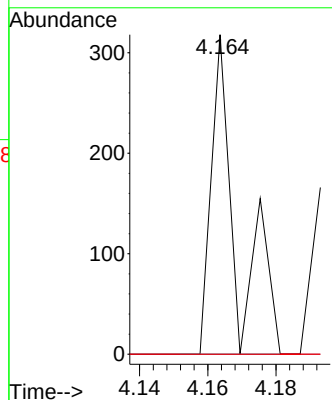
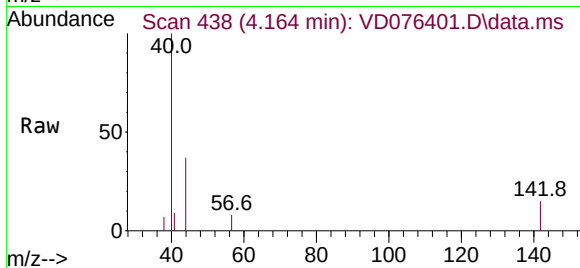




#10
Methyl Iodide
Concen: 12.157 ug/l
RT: 4.164 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

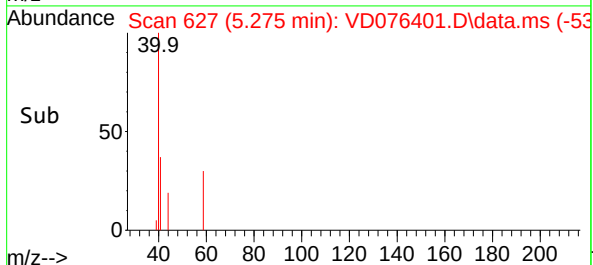
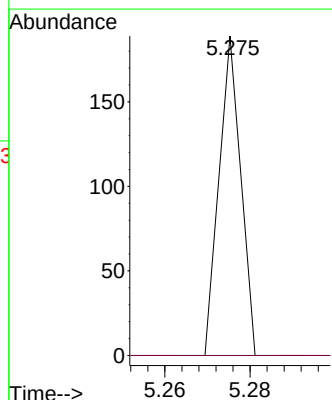
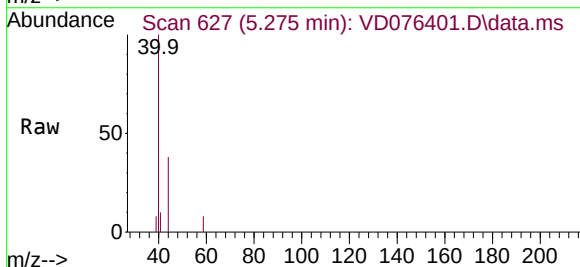
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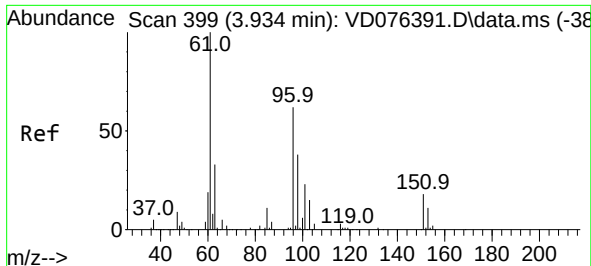
Tgt Ion:142 Resp: 167
Ion Ratio Lower Upper
142 100
127 0.0 29.4 44.0#
141 0.0 11.1 16.7#



#11
Tert butyl alcohol
Concen: 63.602 ug/l
RT: 5.275 min Scan# 627
Delta R.T. 0.224 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

Tgt Ion: 59 Resp: 67
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 5.140 ug/l

RT: 3.958 min Scan# 403

Delta R.T. 0.024 min

Lab File: VD076401.D

Acq: 13 Jun 2023 13:19

Instrument :

MSVOA_D

ClientSampleId :

WC-1-VOC

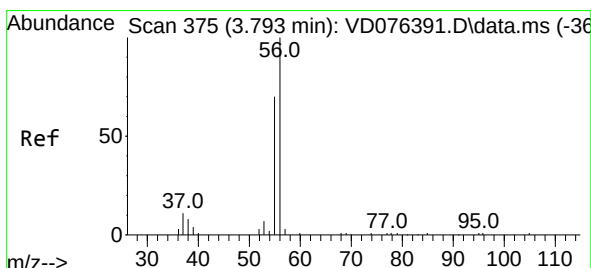
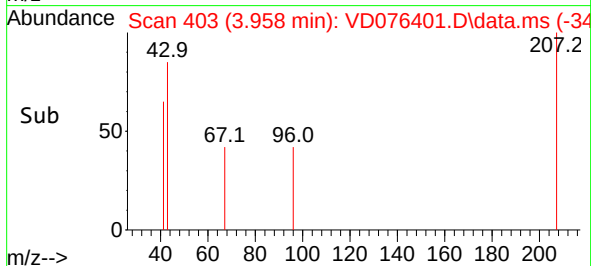
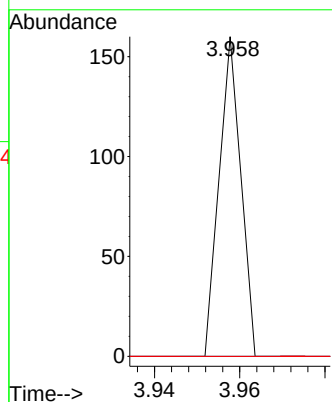
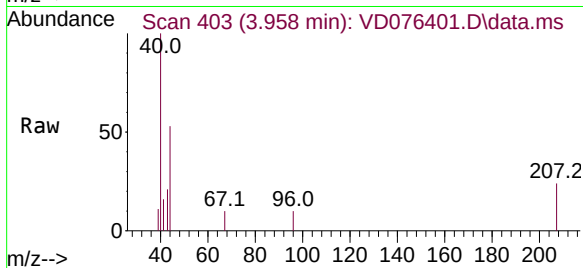
Tgt Ion: 96 Resp: 56

Ion Ratio Lower Upper

96 100

61 0.0 100.6 150.8#

98 0.0 50.2 75.2#



#13

Acrolein

Concen: 47.172 ug/l

RT: 3.746 min Scan# 367

Delta R.T. -0.047 min

Lab File: VD076401.D

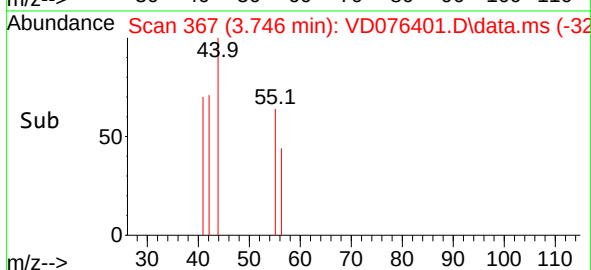
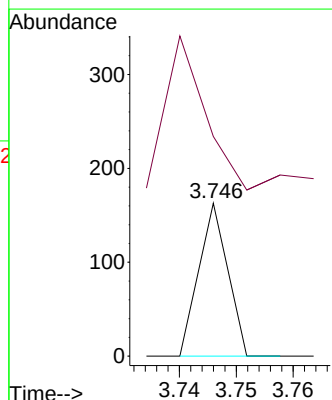
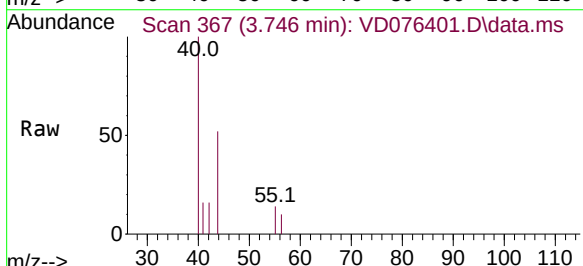
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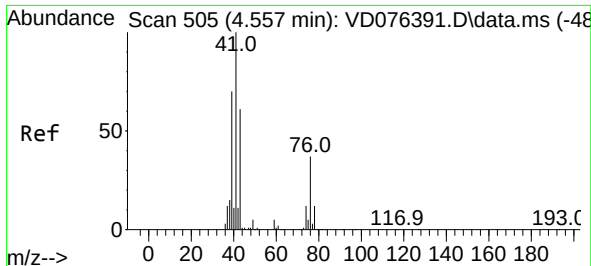
Tgt Ion: 56 Resp: 57

Ion Ratio Lower Upper

56 100

55 812.3 55.1 82.7#

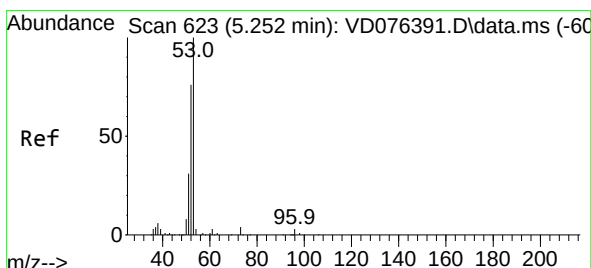
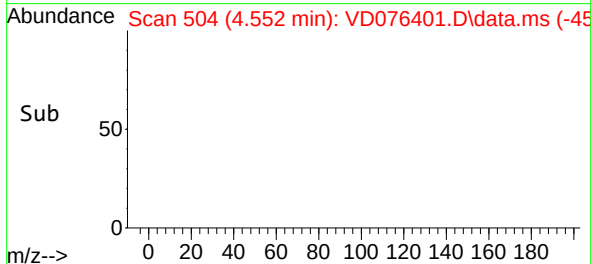
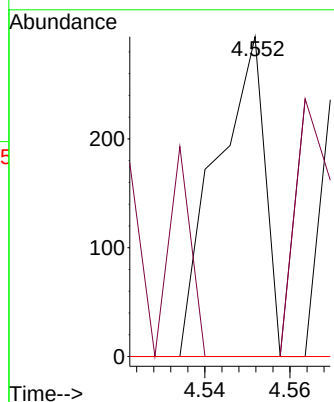
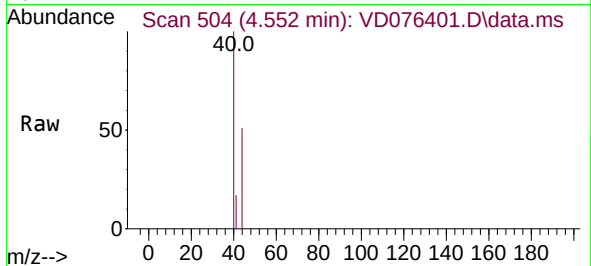




#14
 Allyl chloride
 Concen: 10.936 ug/l
 RT: 4.552 min Scan# 504
 Delta R.T. -0.006 min
 Lab File: VD076401.D
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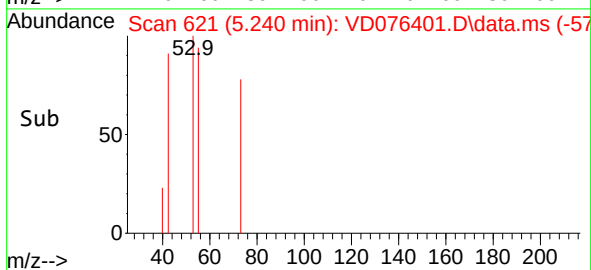
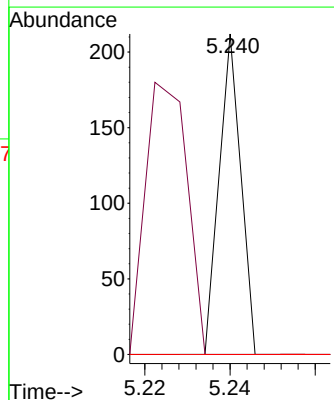
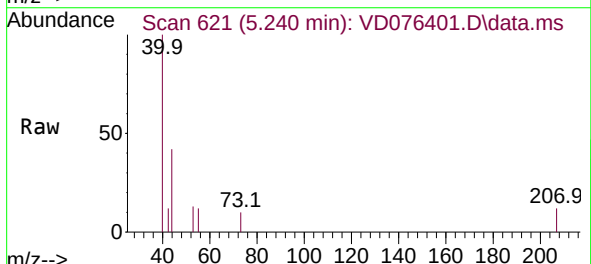
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-VOC

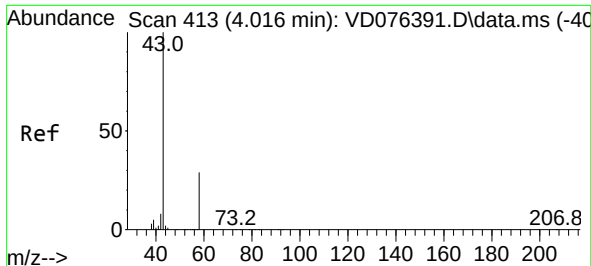
Tgt Ion: 41	Resp:	233
Ion	Ratio	Lower Upper
41	100	
39	0.0	53.8 80.6#
76	0.0	45.8 68.8#



#15
 Acrylonitrile
 Concen: 23.094 ug/l
 RT: 5.240 min Scan# 621
 Delta R.T. -0.012 min
 Lab File: VD076401.D
 Acq: 13 Jun 2023 13:19

Tgt Ion: 53	Resp:	75
Ion	Ratio	Lower Upper
53	100	
52	234.7	65.0 97.4#
51	0.0	28.3 42.5#

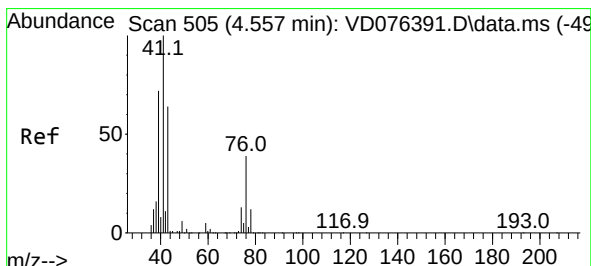
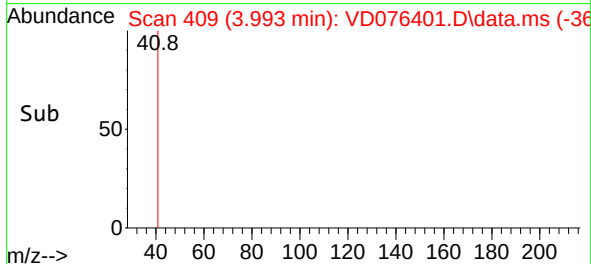
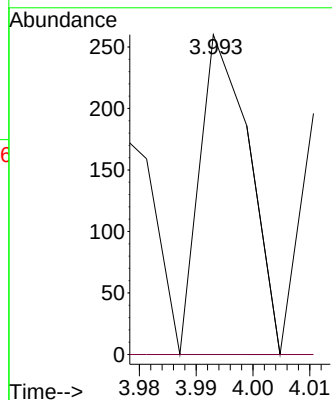
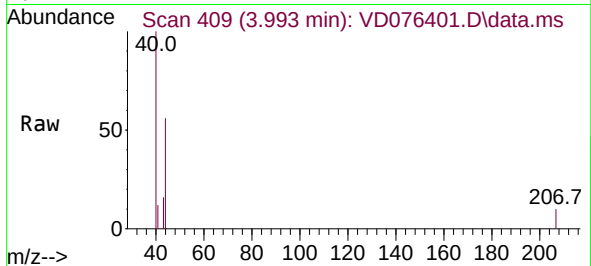




#16
Acetone
Concen: 56.674 ug/l
RT: 3.993 min Scan# 409
Delta R.T. -0.023 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

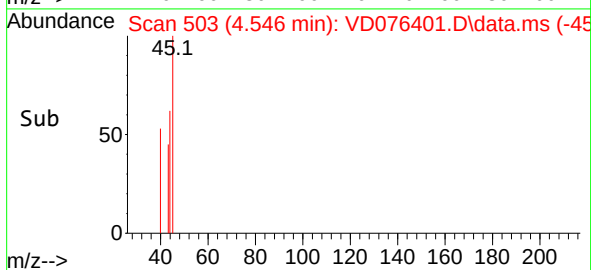
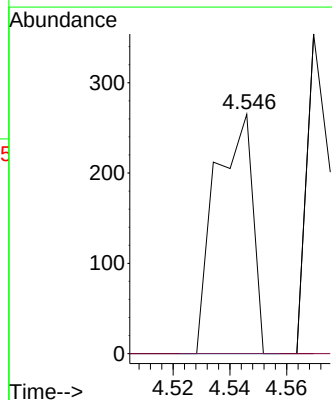
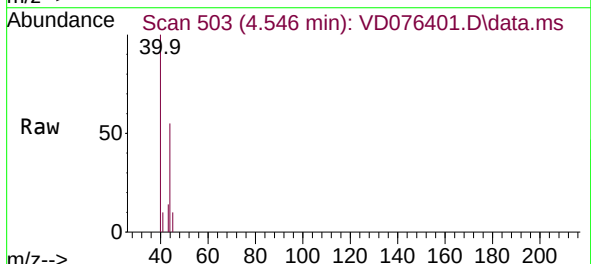
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

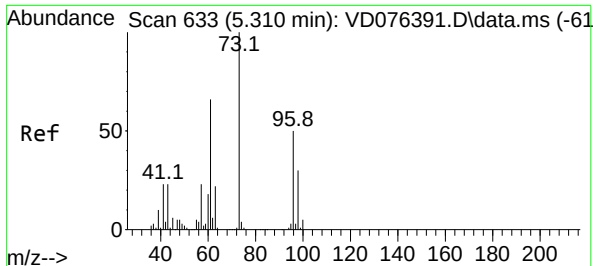
Tgt Ion: 43 Resp: 157
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#18
Methyl Acetate
Concen: 19.082 ug/l
RT: 4.546 min Scan# 503
Delta R.T. -0.011 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

Tgt Ion: 43 Resp: 241
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 1.919 ug/l

RT: 5.240 min Scan# 61

Delta R.T. -0.070 min

Lab File: VD076401.D

Acq: 13 Jun 2023 13:19

Instrument :

MSVOA_D

ClientSampleId :

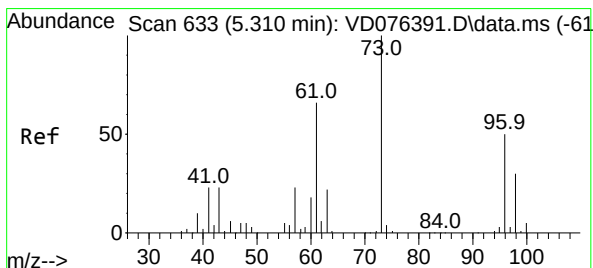
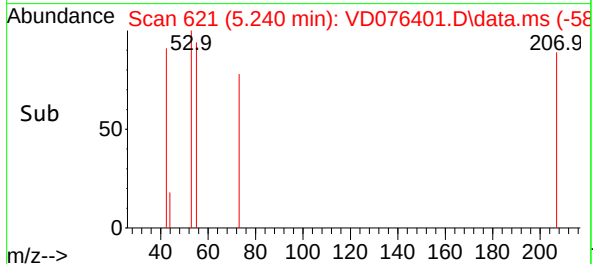
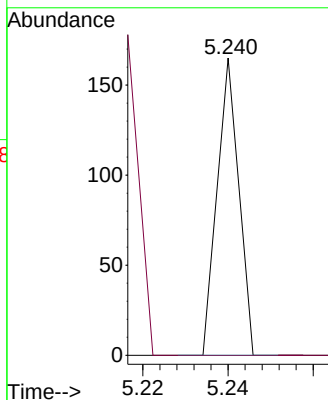
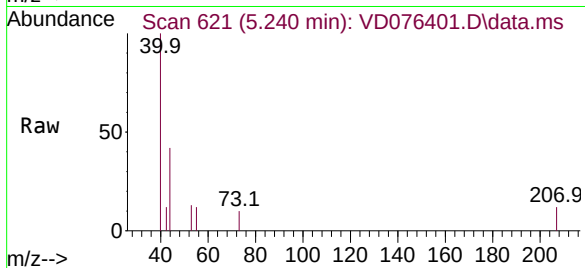
WC-1-VOC

Tgt Ion: 73 Resp: 58

Ion Ratio Lower Upper

73 100

57 0.0 16.6 25.0#



#21

trans-1,2-Dichloroethene

Concen: 5.213 ug/l

RT: 5.164 min Scan# 608

Delta R.T. -0.147 min

Lab File: VD076401.D

Acq: 13 Jun 2023 13:19

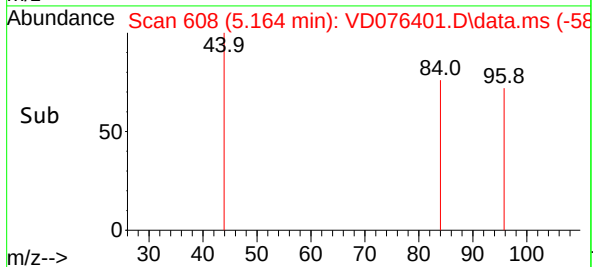
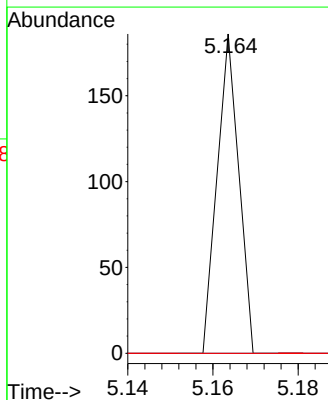
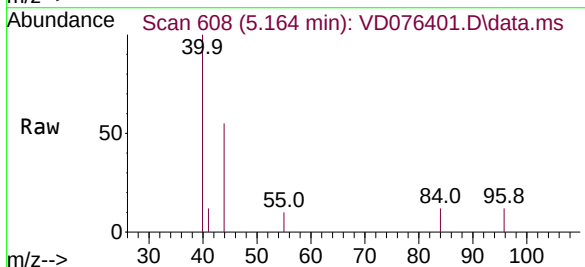
Tgt Ion: 96 Resp: 66

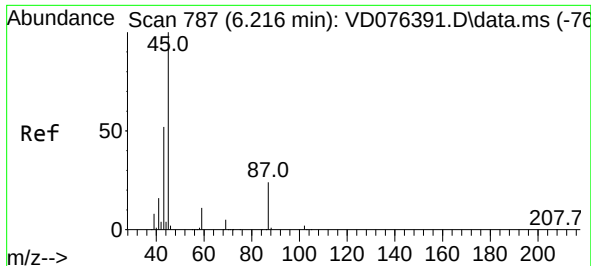
Ion Ratio Lower Upper

96 100

61 0.0 89.3 133.9#

98 0.0 48.6 73.0#





#22

Diisopropyl ether

Concen: 1.268 ug/l

RT: 6.193 min Scan# 771

Delta R.T. -0.023 min

Lab File: VD076401.D

Acq: 13 Jun 2023 13:19

Instrument :

MSVOA_D

ClientSampleId :

WC-1-VOC

Tgt Ion: 45 Resp: 55

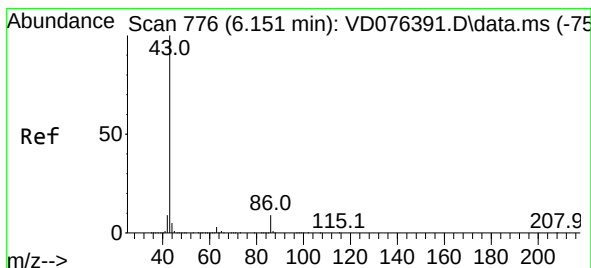
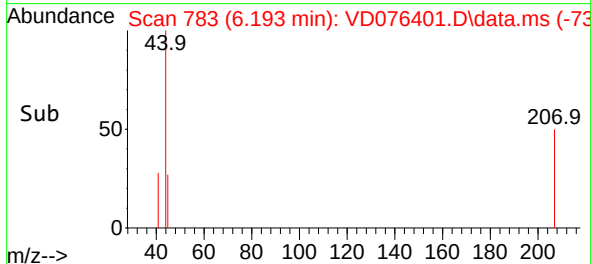
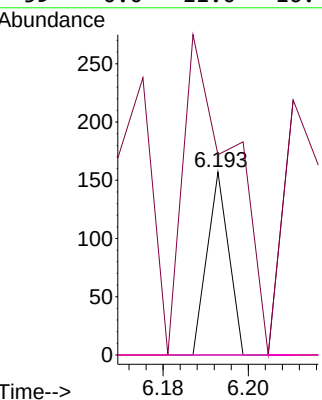
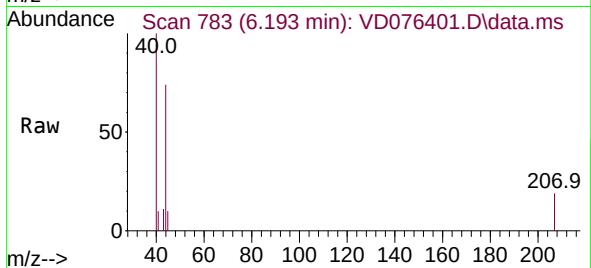
Ion Ratio Lower Upper

45 100

43 109.6 40.0 60.0#

87 0.0 28.2 42.4#

59 0.0 11.0 16.4#



#23

Vinyl Acetate

Concen: 7.140 ug/l

RT: 6.134 min Scan# 773

Delta R.T. -0.017 min

Lab File: VD076401.D

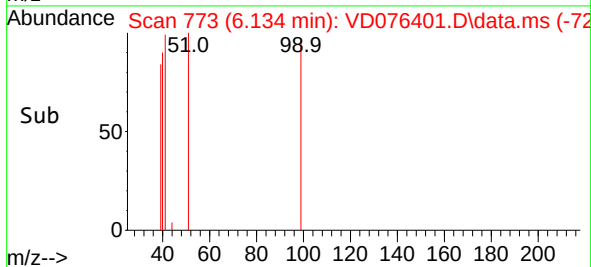
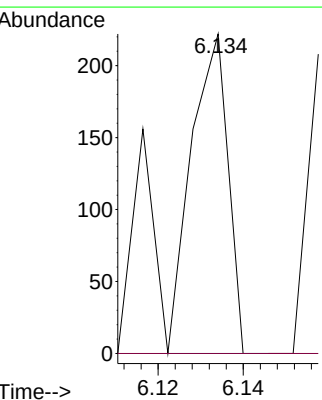
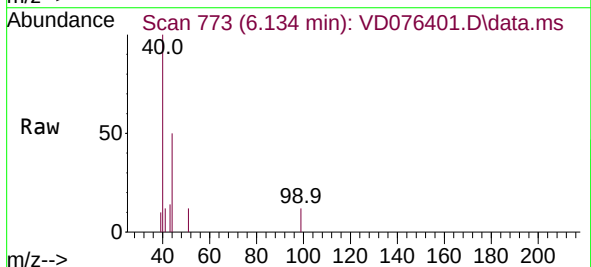
Acq: 13 Jun 2023 13:19

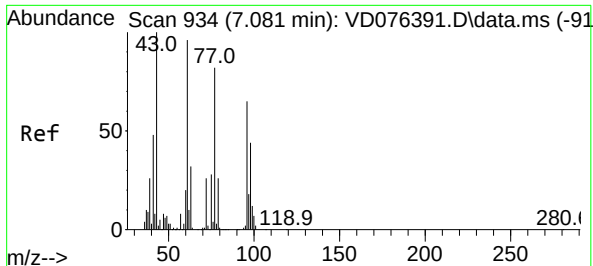
Tgt Ion: 43 Resp: 133

Ion Ratio Lower Upper

43 100

86 0.0 12.5 18.7#





#25

2-Butanone

Concen: 50.084 ug/l

RT: 7.063 min Scan# 91

Delta R.T. -0.017 min

Lab File: VD076401.D

Acq: 13 Jun 2023 13:19

Instrument :

MSVOA_D

ClientSampleId :

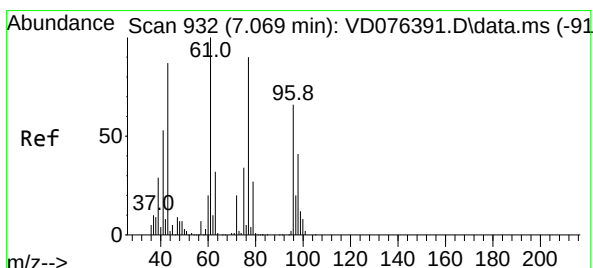
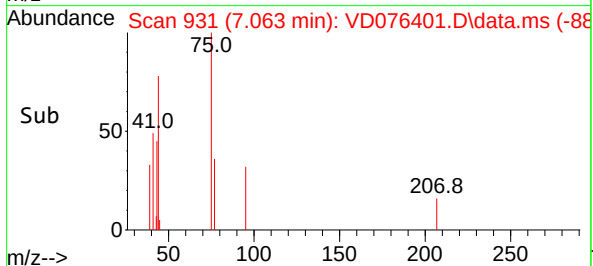
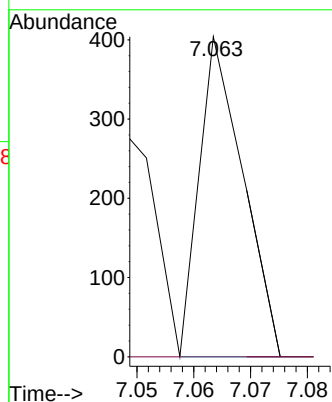
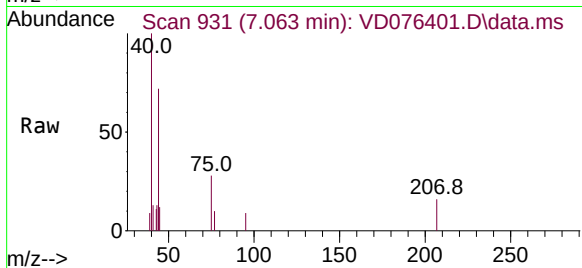
WC-1-VOC

Tgt Ion: 43 Resp: 217

Ion Ratio Lower Upper

43 100

72 0.0 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 2.718 ug/l

RT: 7.063 min Scan# 931

Delta R.T. -0.006 min

Lab File: VD076401.D

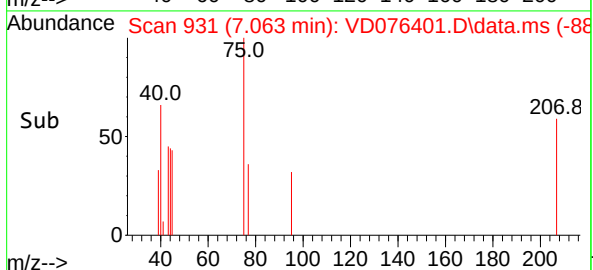
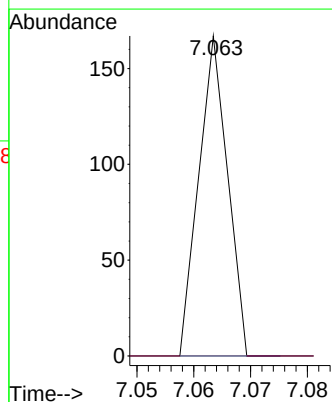
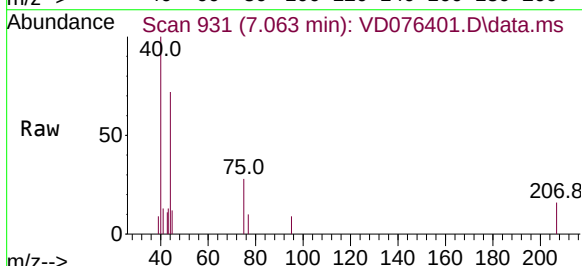
Acq: 13 Jun 2023 13:19

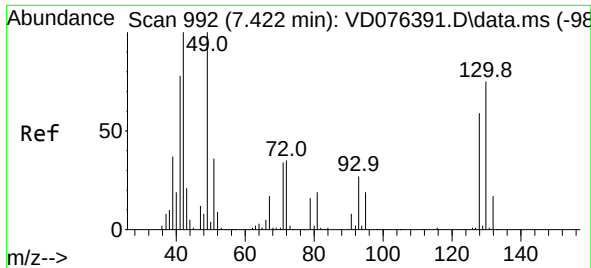
Tgt Ion: 77 Resp: 59

Ion Ratio Lower Upper

77 100

97 0.0 13.2 39.6#

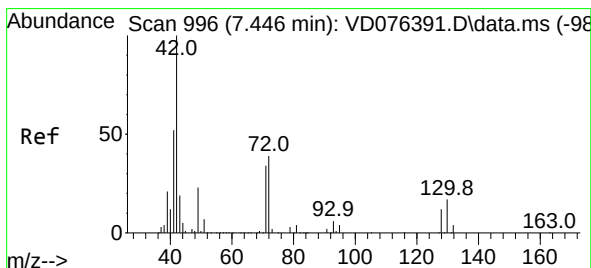
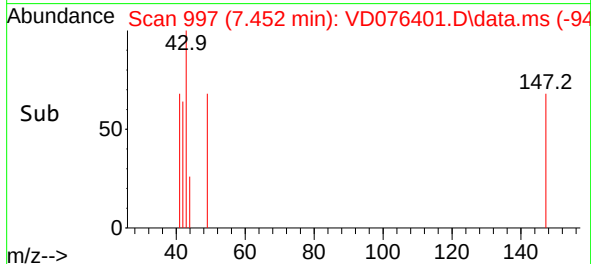
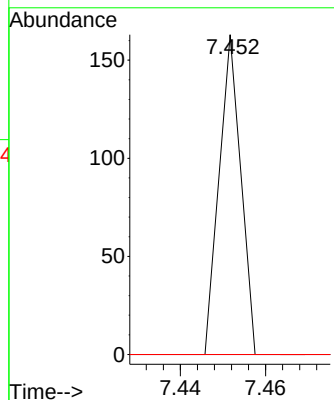
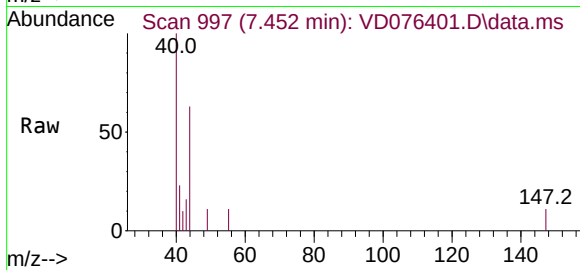




#28
Bromochloromethane
Concen: 4.912 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.030 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

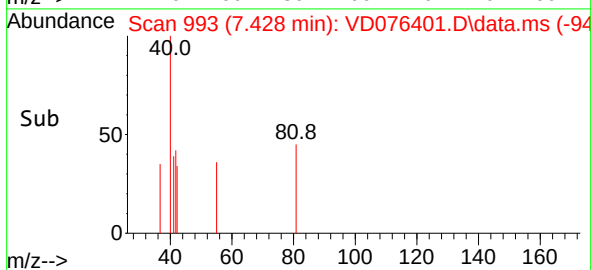
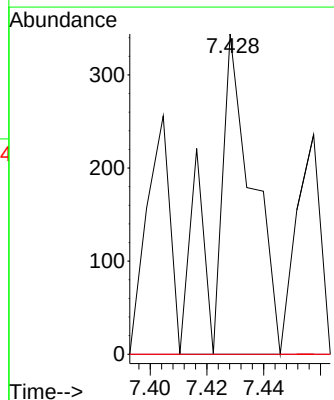
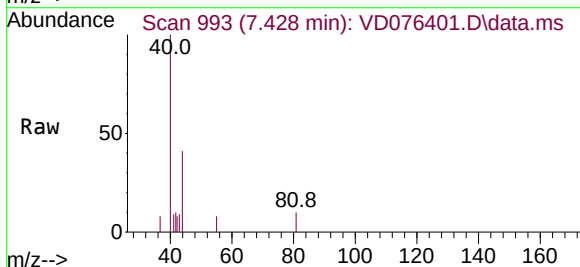
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

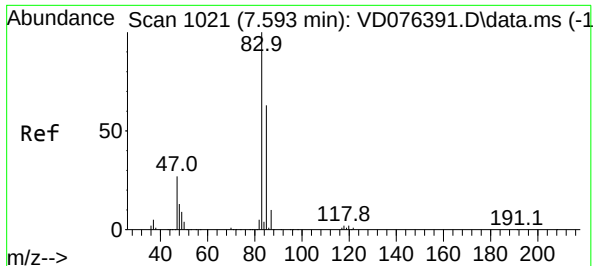
Tgt Ion: 49 Resp: 58
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



#29
Tetrahydrofuran
Concen: 117.212 ug/l
RT: 7.428 min Scan# 993
Delta R.T. -0.017 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

Tgt Ion: 42 Resp: 324
Ion Ratio Lower Upper
42 100
72 0.0 46.5 69.7#
71 0.0 44.5 66.7#





#30

Chloroform

Concen: 2.830 ug/l

RT: 7.628 min Scan# 1027

Delta R.T. 0.035 min

Lab File: VD076401.D

Acq: 13 Jun 2023 13:19

Instrument :

MSVOA_D

ClientSampleId :

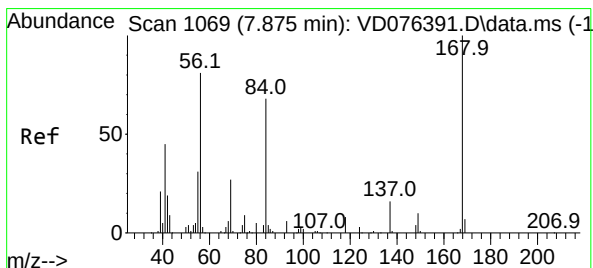
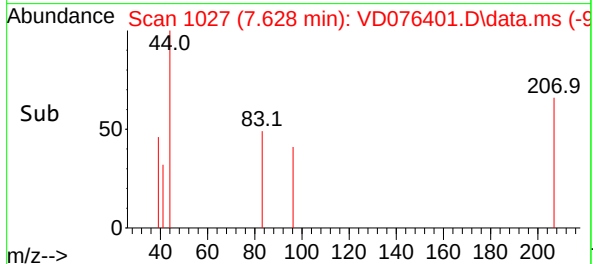
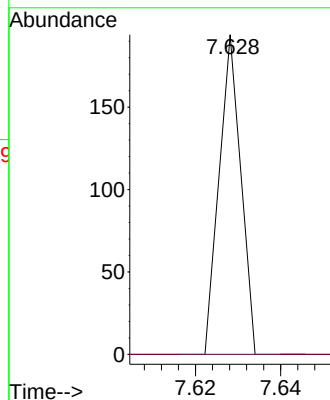
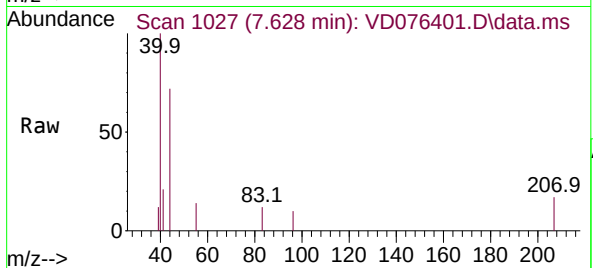
WC-1-VOC

Tgt Ion: 83 Resp: 68

Ion Ratio Lower Upper

83 100

85 0.0 53.4 80.2#



#31

Cyclohexane

Concen: 3.422 ug/l

RT: 7.852 min Scan# 1065

Delta R.T. -0.023 min

Lab File: VD076401.D

Acq: 13 Jun 2023 13:19

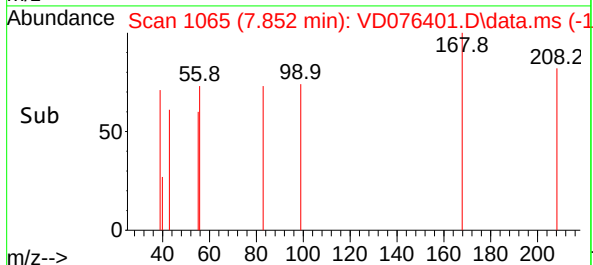
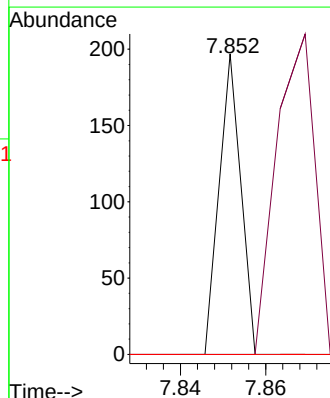
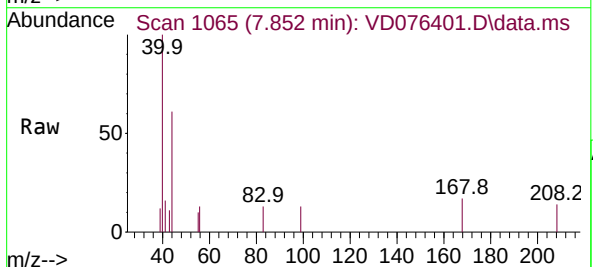
Tgt Ion: 56 Resp: 69

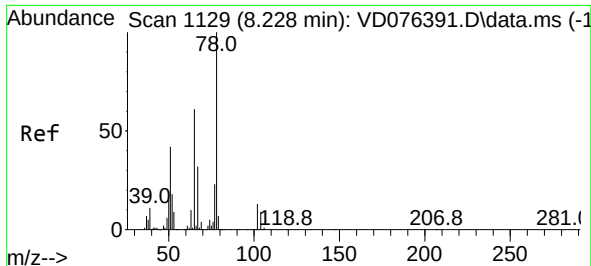
Ion Ratio Lower Upper

56 100

69 0.0 28.6 43.0#

84 0.0 84.8 127.2#

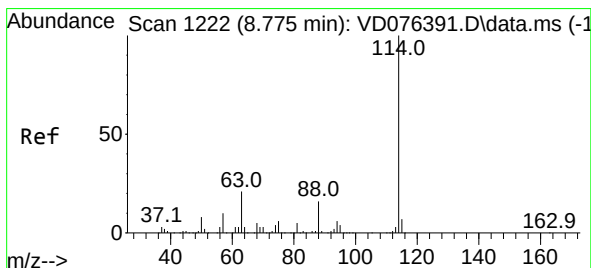
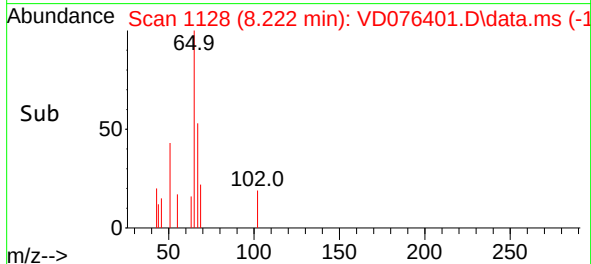
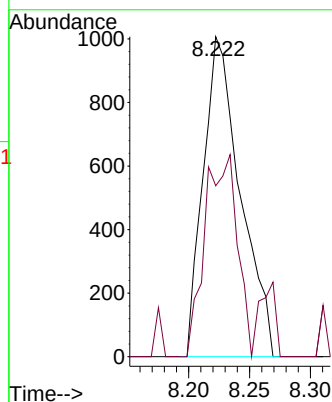
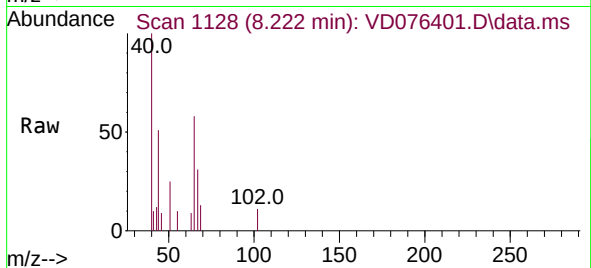




#33
 1,2-Dichloroethane-d4
 Concen: 169.584 ug/l
 RT: 8.222 min Scan# 1129
 Delta R.T. -0.006 min
 Lab File: VD076401.D
 Acq: 13 Jun 2023 13:19

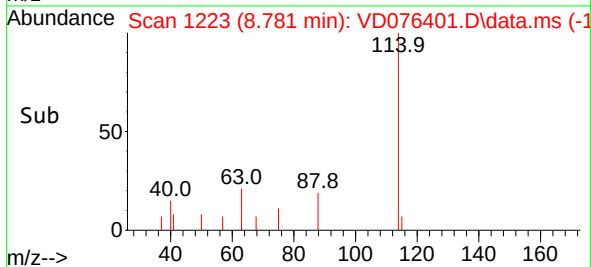
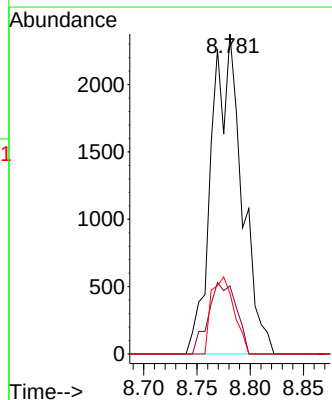
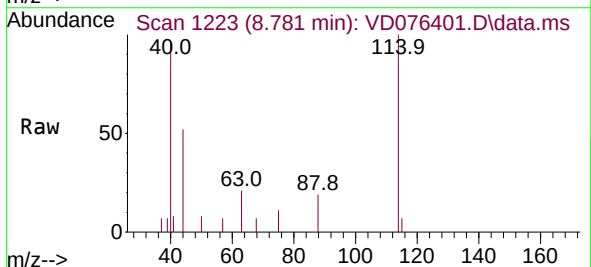
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-VOC

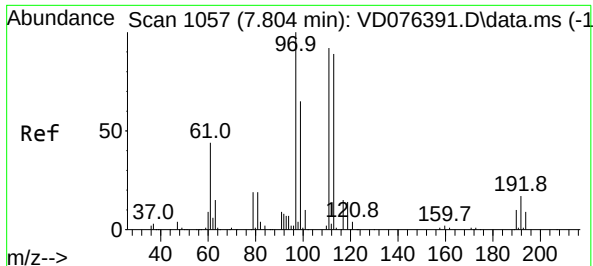
Tgt Ion: 65 Resp: 2137
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD076401.D
 Acq: 13 Jun 2023 13:19

Tgt Ion: 114 Resp: 4721
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 33.4
 88 19.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 68.431 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076401.D

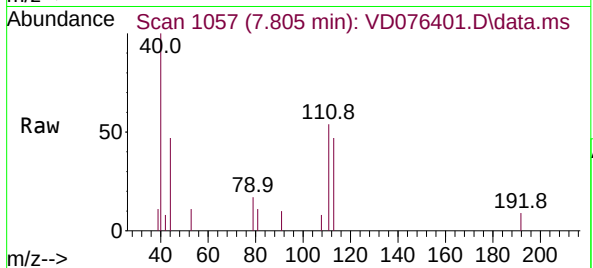
Acq: 13 Jun 2023 13:19

Instrument :

MSVOA_D

ClientSampleId :

WC-1-VOC



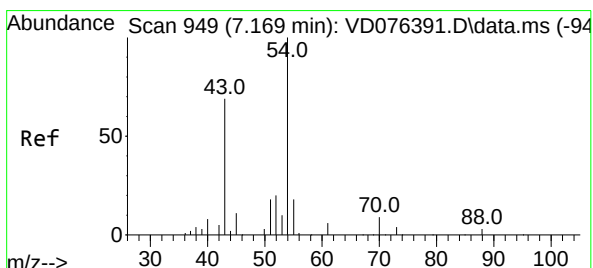
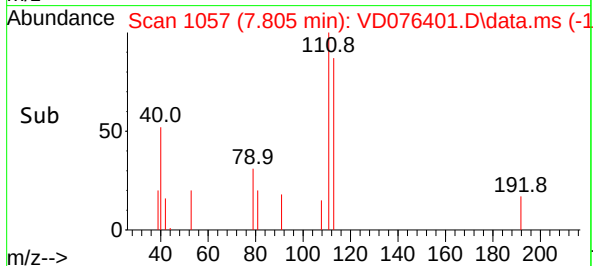
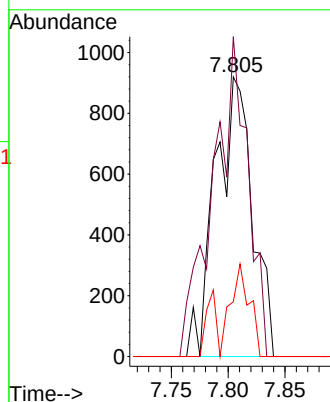
Tgt Ion:113 Resp: 2088

Ion Ratio Lower Upper

113 100

111 107.4 84.7 127.1

192 16.9 16.8 25.2



#37

Ethyl Acetate

Concen: 21.003 ug/l

RT: 7.146 min Scan# 945

Delta R.T. -0.023 min

Lab File: VD076401.D

Acq: 13 Jun 2023 13:19

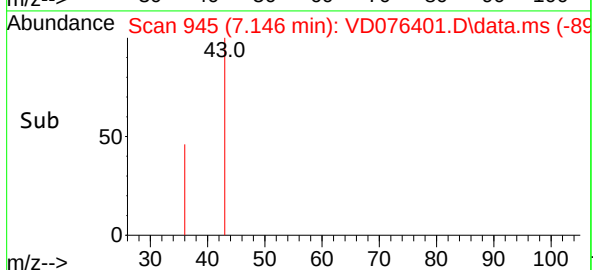
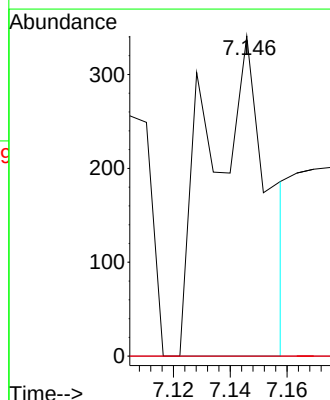
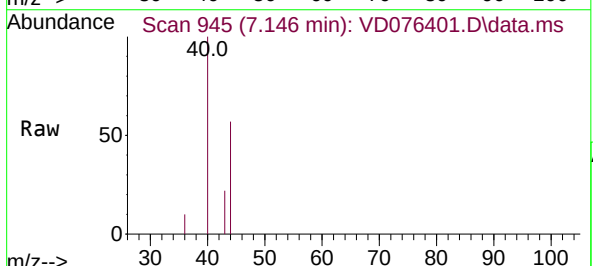
Tgt Ion: 43 Resp: 492

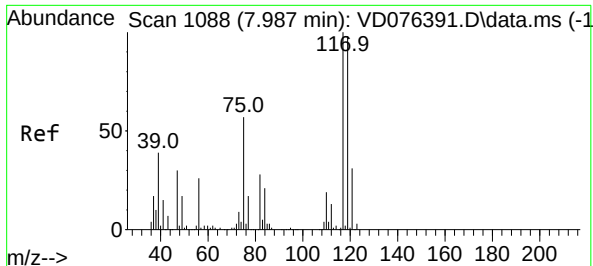
Ion Ratio Lower Upper

43 100

61 0.0 14.9 22.3#

70 0.0 10.0 15.0#

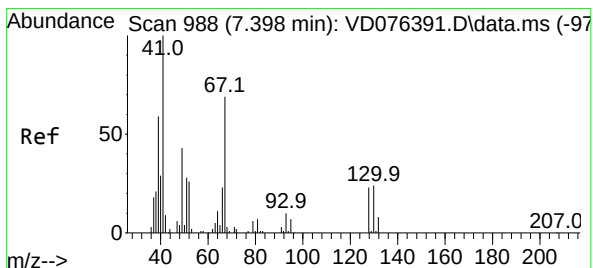
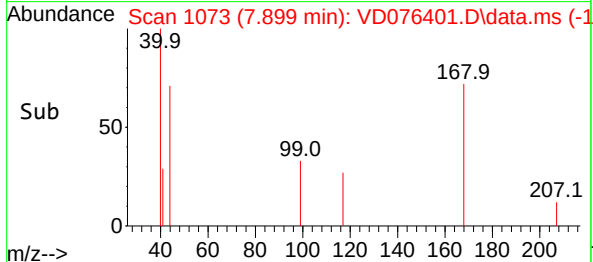
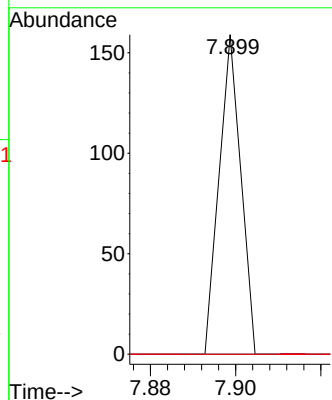
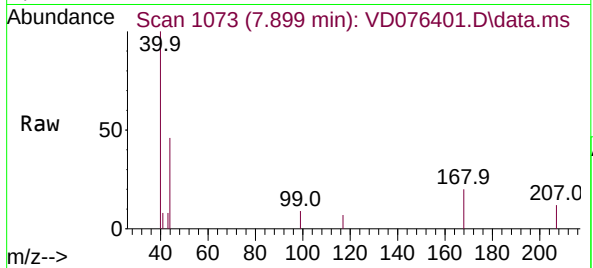




#38
Carbon Tetrachloride
Concen: 1.354 ug/l
RT: 7.899 min Scan# 117
Delta R.T. -0.088 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

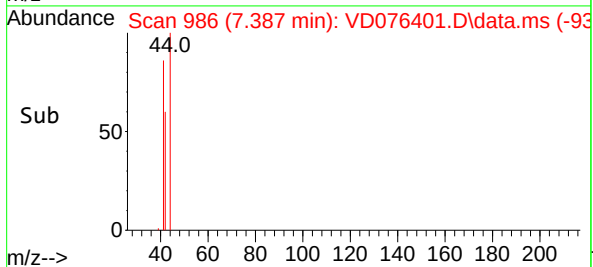
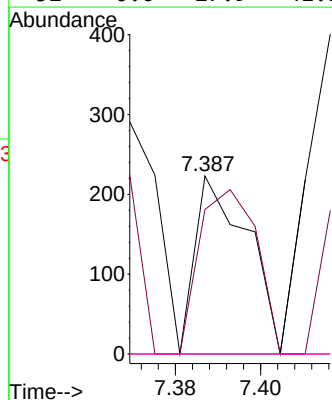
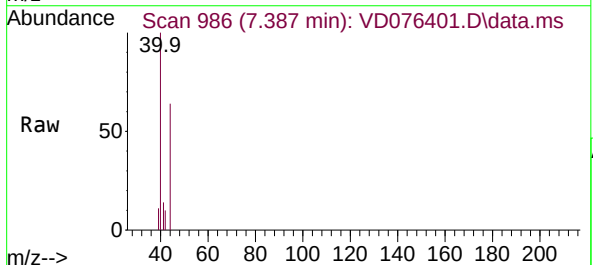
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

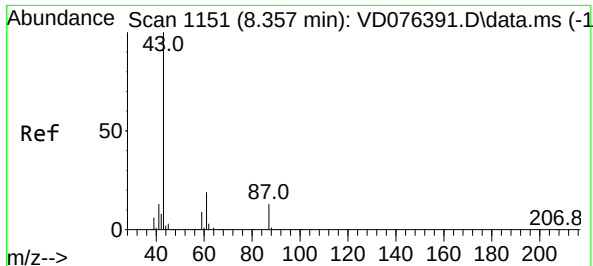
Tgt Ion:117 Resp: 56
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 12.679 ug/l
RT: 7.387 min Scan# 986
Delta R.T. -0.012 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

Tgt Ion: 41 Resp: 190
Ion Ratio Lower Upper
41 100
39 101.6 34.0 51.0#
67 0.0 77.0 115.4#
52 0.0 27.9 41.9#





#43

Isopropyl Acetate

Concen: 2.973 ug/l

RT: 8.369 min Scan# 1151

Delta R.T. 0.012 min

Lab File: VD076401.D

Acq: 13 Jun 2023 13:19

Instrument :

MSVOA_D

ClientSampleId :

WC-1-VOC

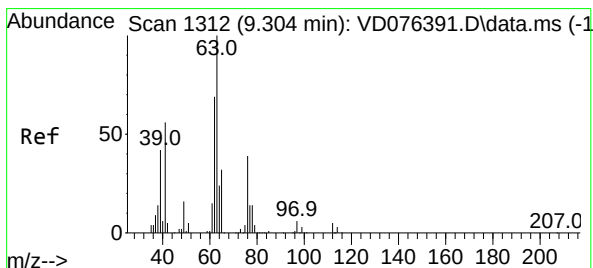
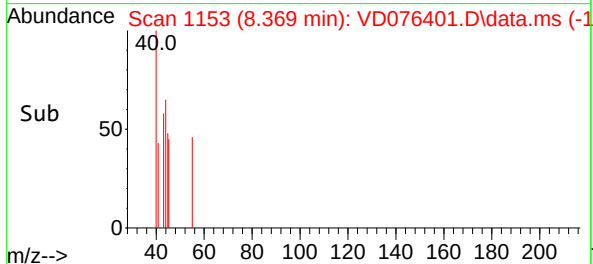
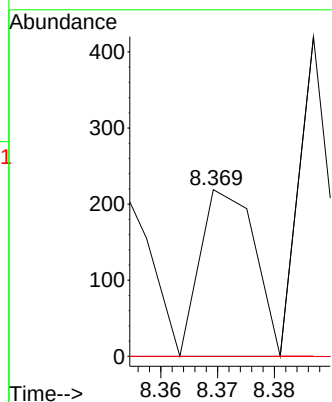
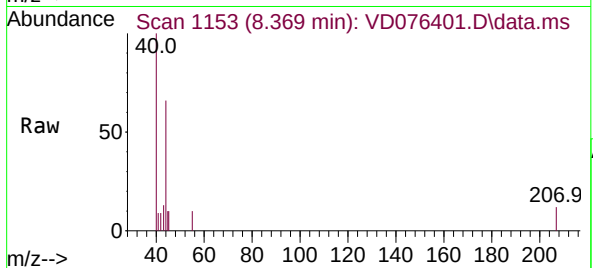
Tgt Ion: 43 Resp: 146

Ion Ratio Lower Upper

43 100

61 0.0 31.4 47.0#

87 0.0 14.9 22.3#



#45

1,2-Dichloropropane

Concen: 1.656 ug/l

RT: 9.434 min Scan# 1334

Delta R.T. 0.130 min

Lab File: VD076401.D

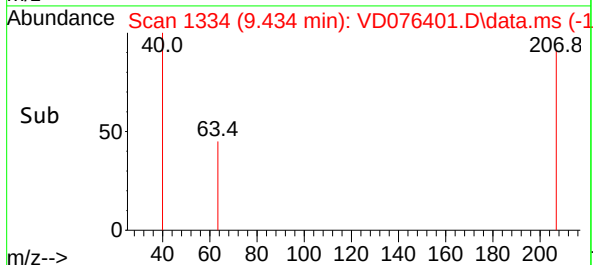
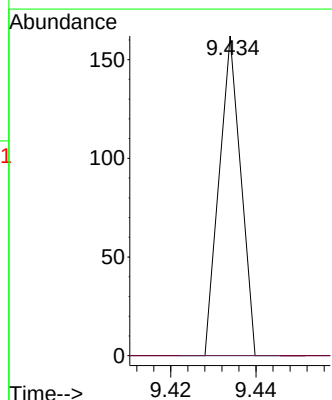
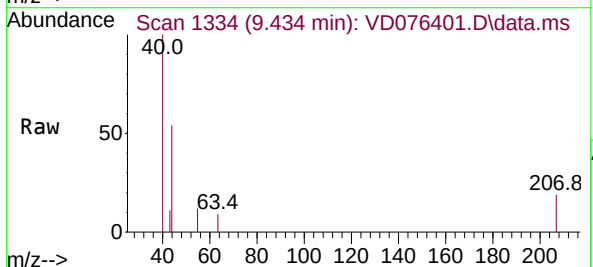
Acq: 13 Jun 2023 13:19

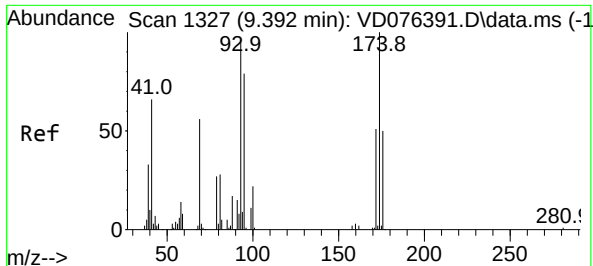
Tgt Ion: 63 Resp: 57

Ion Ratio Lower Upper

63 100

65 0.0 24.5 36.7#





#46

Dibromomethane

Concen: 3.265 ug/l

RT: 9.657 min Scan# 1372

Delta R.T. 0.265 min

Lab File: VD076401.D

Acq: 13 Jun 2023 13:19

Instrument :

MSVOA_D

ClientSampleId :

WC-1-VOC

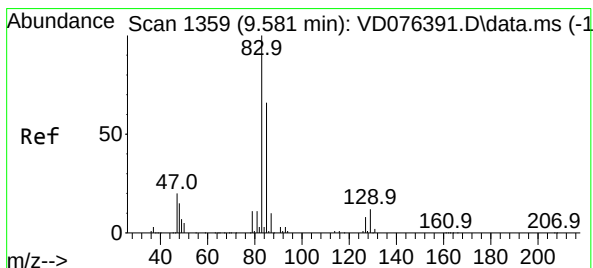
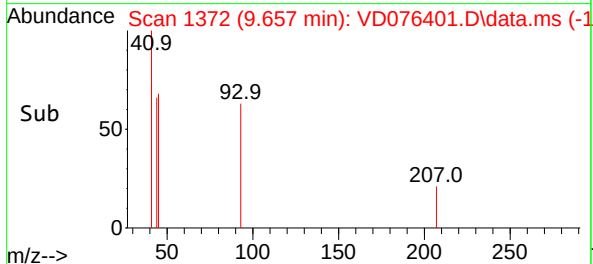
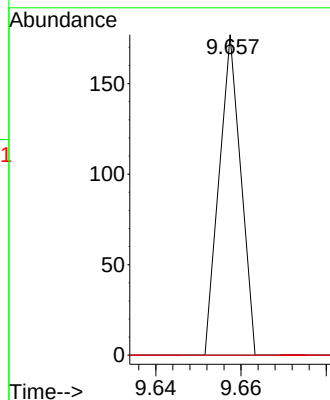
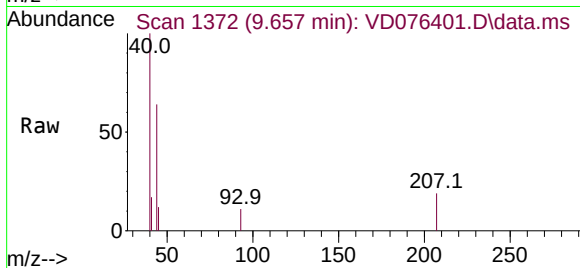
Tgt Ion: 93 Resp: 62

Ion Ratio Lower Upper

93 100

95 0.0 67.7 101.5#

174 0.0 85.4 128.2#



#47

Bromodichloromethane

Concen: 1.701 ug/l

RT: 9.681 min Scan# 1376

Delta R.T. 0.100 min

Lab File: VD076401.D

Acq: 13 Jun 2023 13:19

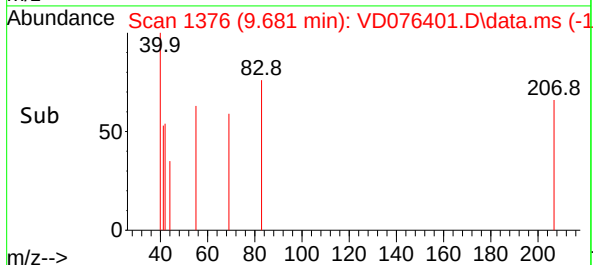
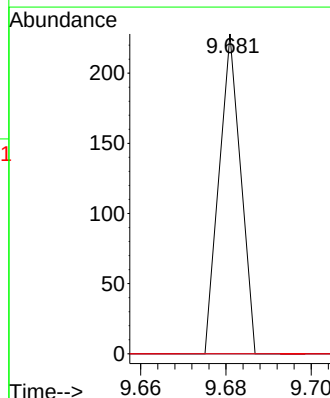
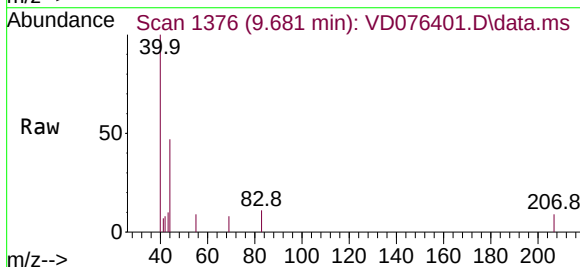
Tgt Ion: 83 Resp: 80

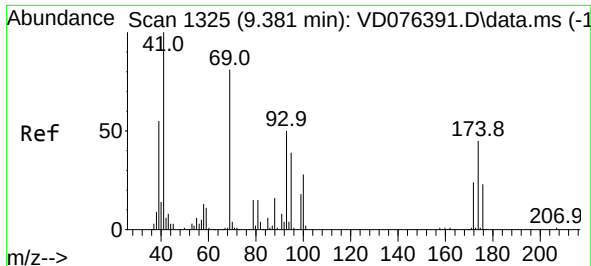
Ion Ratio Lower Upper

83 100

85 0.0 50.2 75.4#

127 0.0 6.3 9.5#





#48

Methyl methacrylate

Concen: 17.587 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD076401.D

Acq: 13 Jun 2023 13:19

Instrument :

MSVOA_D

ClientSampleId :

WC-1-VOC

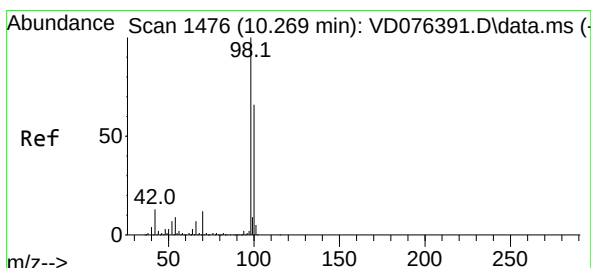
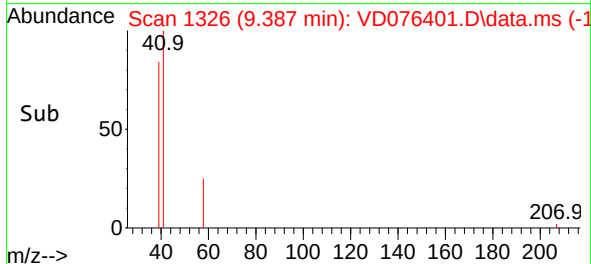
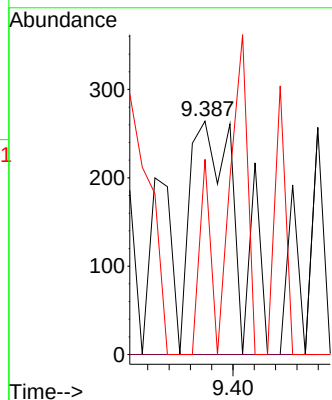
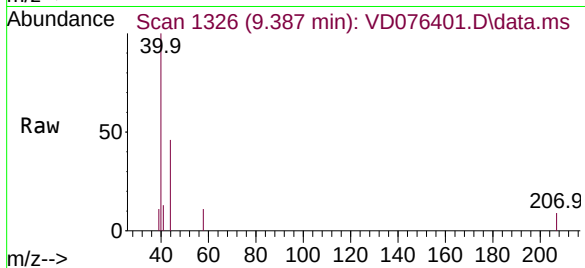
Tgt Ion: 41 Resp: 414

Ion Ratio Lower Upper

41 100

69 0.0 102.2 153.2#

39 66.7 41.4 62.2#



#50

Toluene-d8

Concen: 47.981 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076401.D

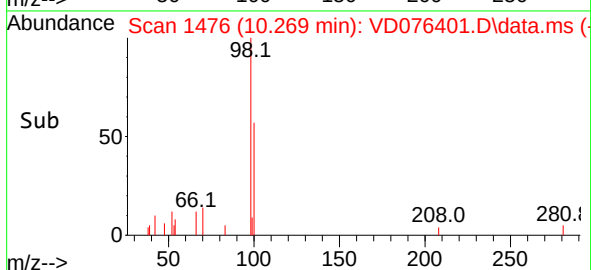
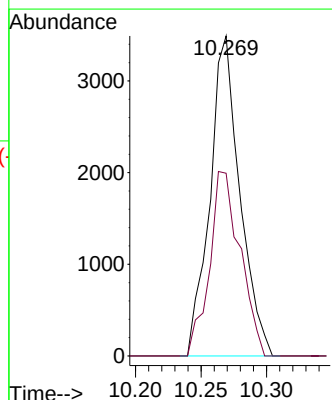
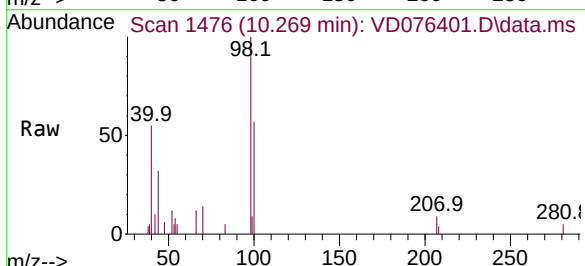
Acq: 13 Jun 2023 13:19

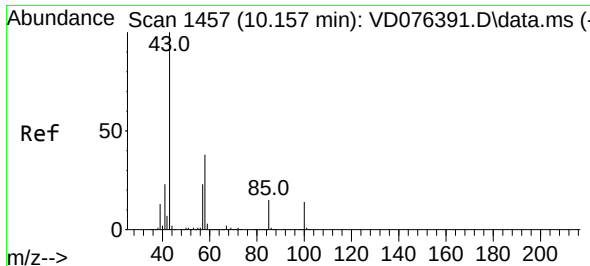
Tgt Ion: 98 Resp: 5548

Ion Ratio Lower Upper

98 100

100 58.9 50.3 75.5

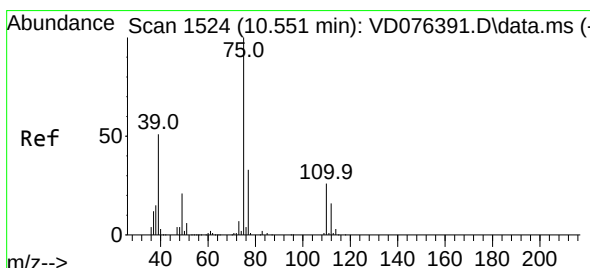
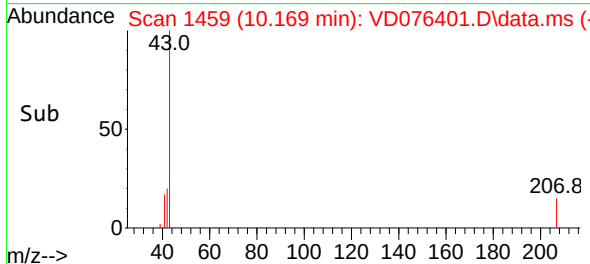
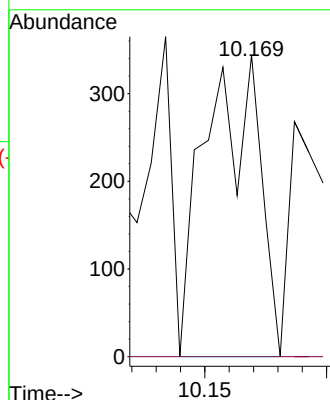
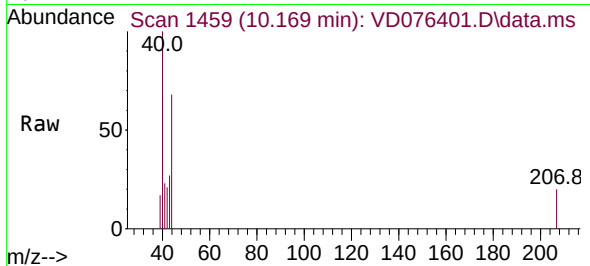




#51
4-Methyl-2-Pentanone
Concen: 21.686 ug/l
RT: 10.169 min Scan# 1457
Delta R.T. 0.012 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

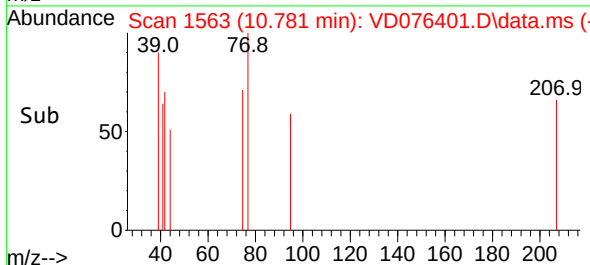
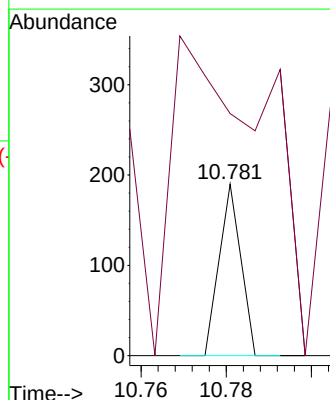
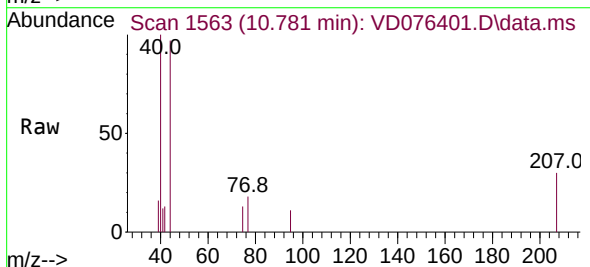
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

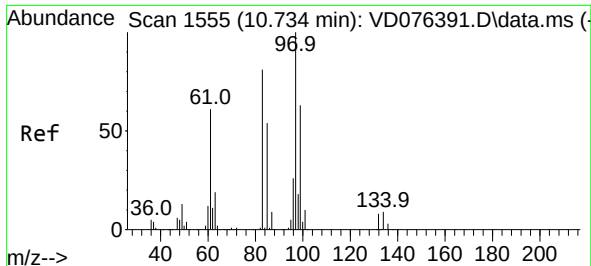
Tgt Ion: 43 Resp: 529
Ion Ratio Lower Upper
43 100
58 0.0 38.9 58.3#



#53
t-1,3-Dichloropropene
Concen: 1.392 ug/l
RT: 10.781 min Scan# 1563
Delta R.T. 0.230 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

Tgt Ion: 75 Resp: 67
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#

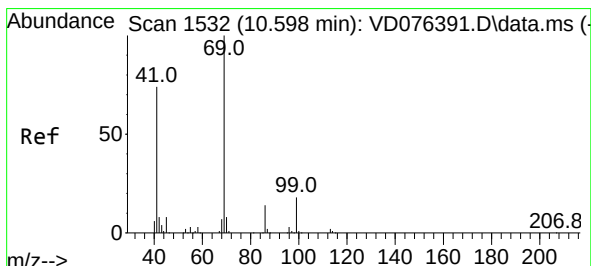
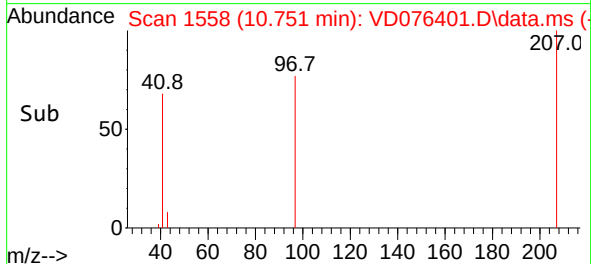
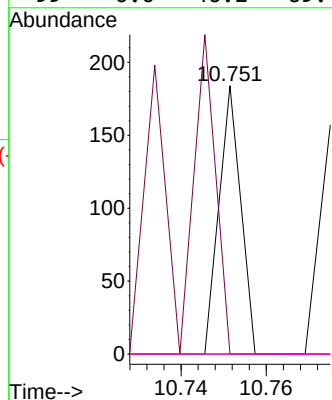
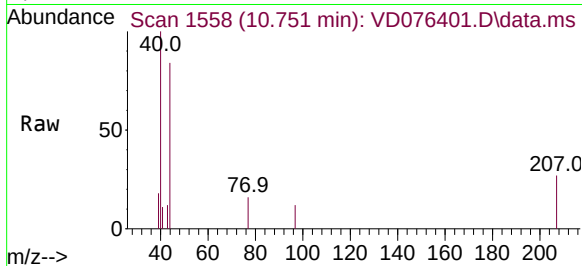




#55
1,1,2-Trichloroethane
Concen: 2.562 ug/l
RT: 10.751 min Scan# 1558
Delta R.T. 0.018 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

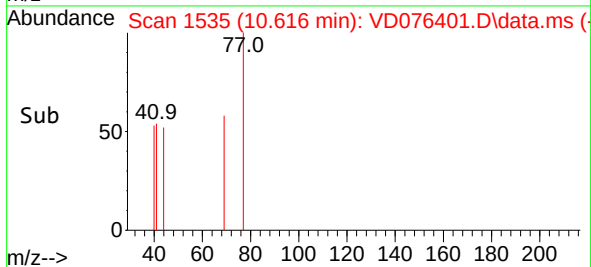
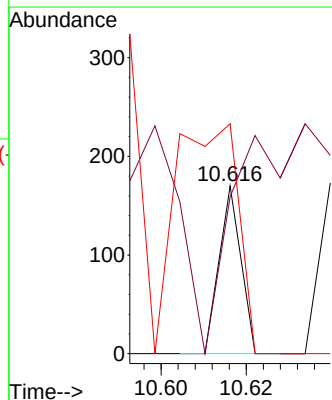
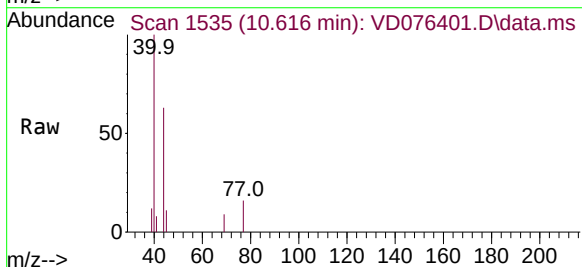
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

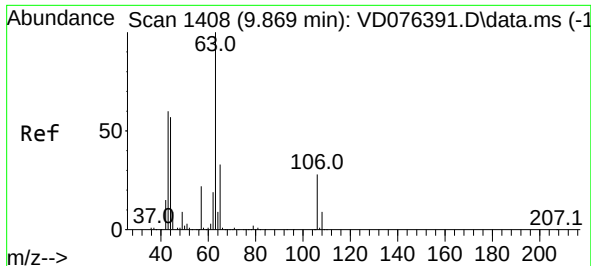
Tgt Ion:	97	Resp:	65
Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.8	98.6#
85	0.0	45.7	68.5#
99	0.0	46.2	69.4#



#56
Ethyl methacrylate
Concen: 1.703 ug/l
RT: 10.616 min Scan# 1535
Delta R.T. 0.018 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

Tgt Ion:	69	Resp:	60
Ion	Ratio	Lower	Upper
69	100		
41	0.0	39.1	58.7#
39	391.7	20.0	30.0#





#58

2-Chloroethyl Vinyl ether

Concen: 3.903 ug/l

RT: 9.599 min Scan# 11

Delta R.T. -0.270 min

Lab File: VD076401.D

Acq: 13 Jun 2023 13:19

Instrument :

MSVOA_D

ClientSampleId :

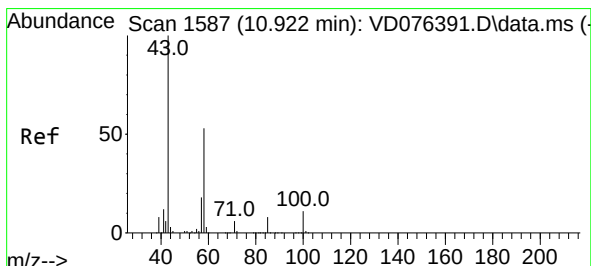
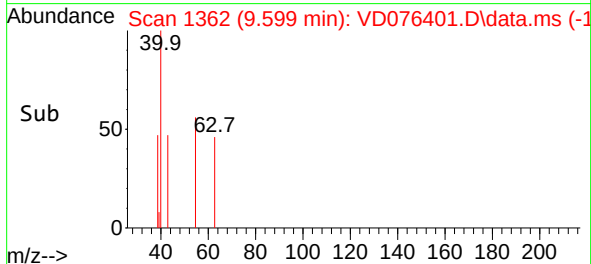
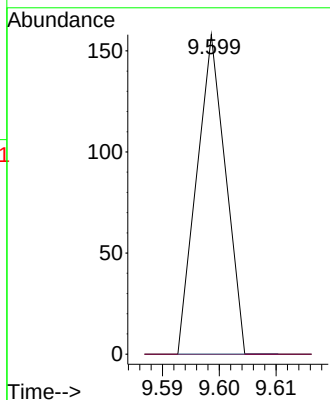
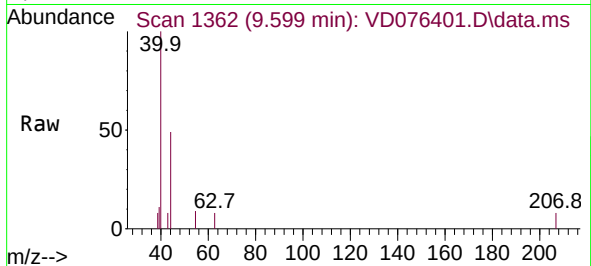
WC-1-VOC

Tgt Ion: 63 Resp: 56

Ion Ratio Lower Upper

63 100

106 0.0 25.3 37.9#



#59

2-Hexanone

Concen: 18.188 ug/l

RT: 10.934 min Scan# 1589

Delta R.T. 0.012 min

Lab File: VD076401.D

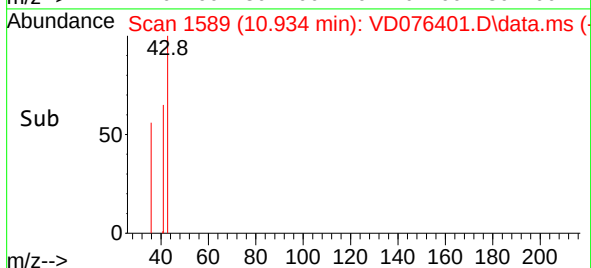
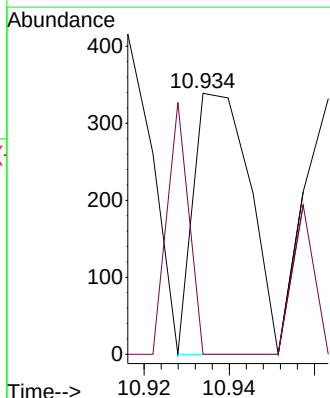
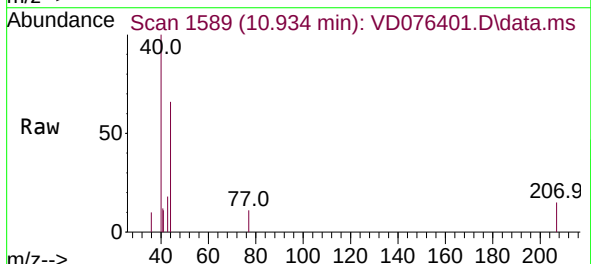
Acq: 13 Jun 2023 13:19

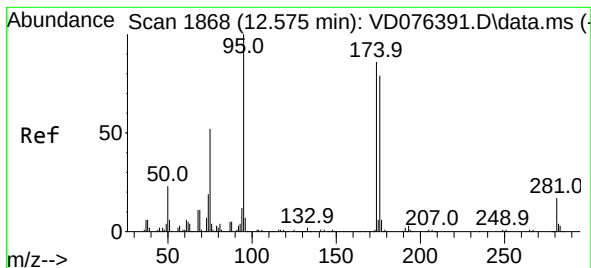
Tgt Ion: 43 Resp: 311

Ion Ratio Lower Upper

43 100

58 37.0 34.1 102.2

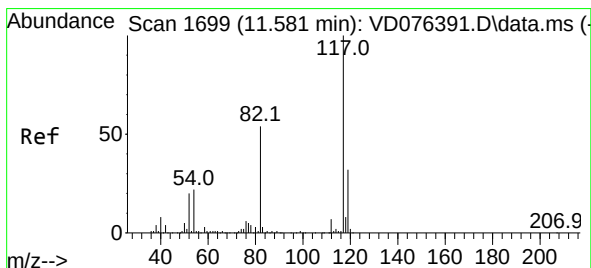
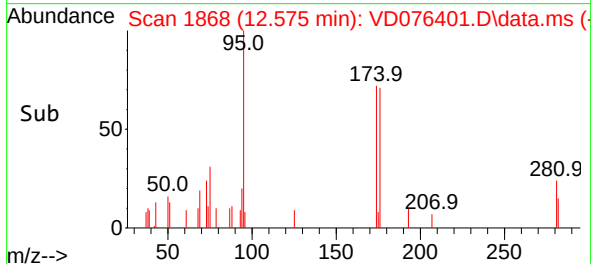
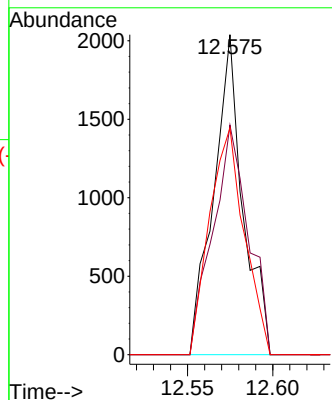
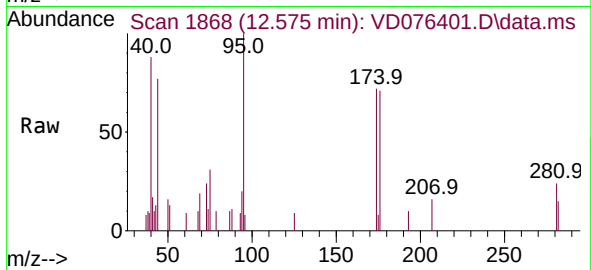




#62
4-Bromofluorobenzene
Concen: 61.763 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

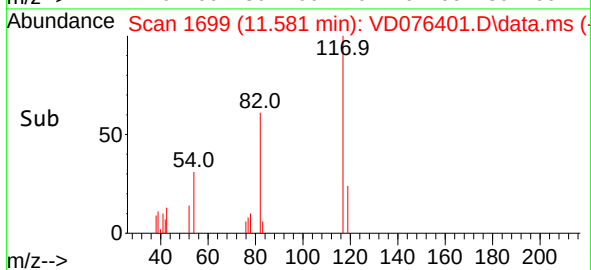
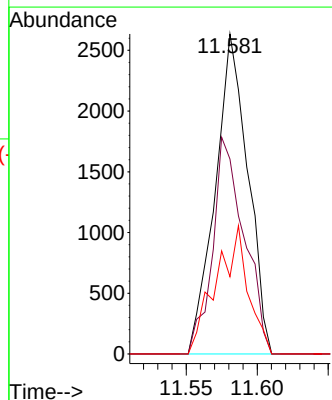
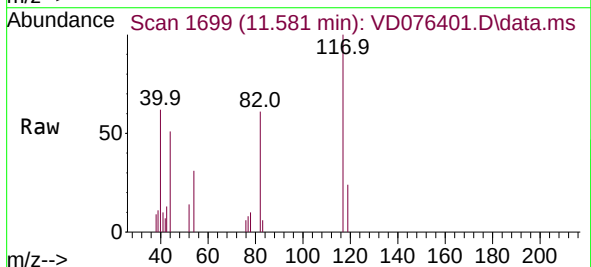
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

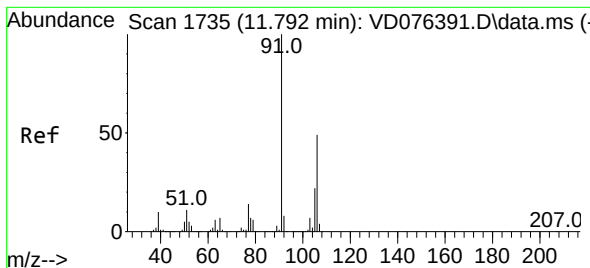
Tgt Ion:	95	Resp:	2450
Ion	Ratio	Lower	Upper
95	100		
174	86.6	0.0	201.8
176	83.9	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

Tgt Ion:	117	Resp:	4206
Ion	Ratio	Lower	Upper
117	100		
82	60.9	38.3	57.5#
119	24.1	25.0	37.4#

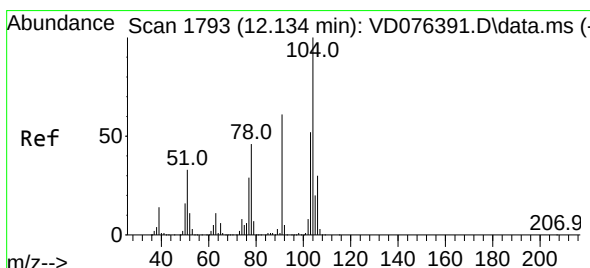
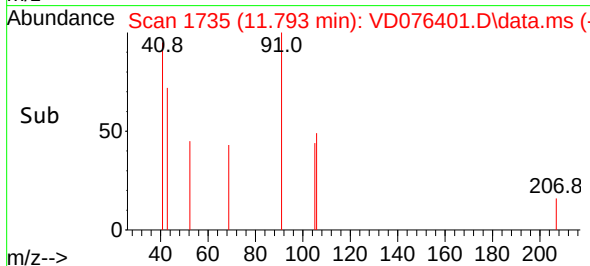
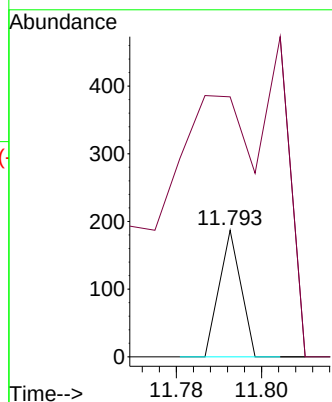
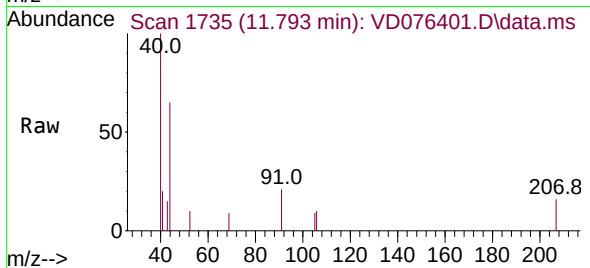




#68
m/p-Xylenes
Concen: 1.086 ug/l
RT: 11.793 min Scan# 11792
Delta R.T. 0.000 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

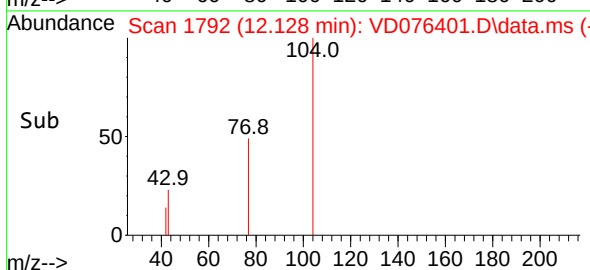
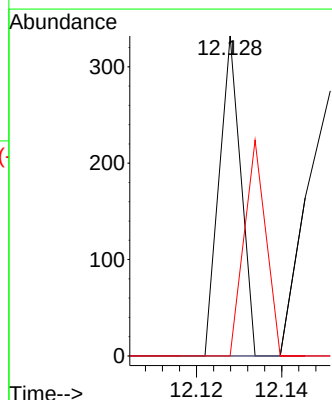
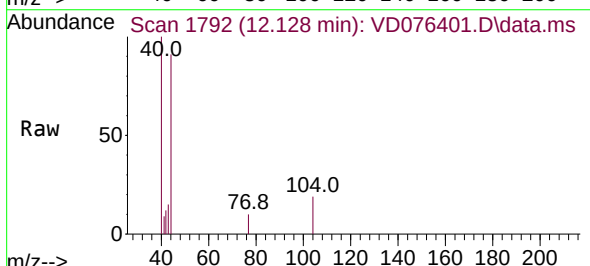
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

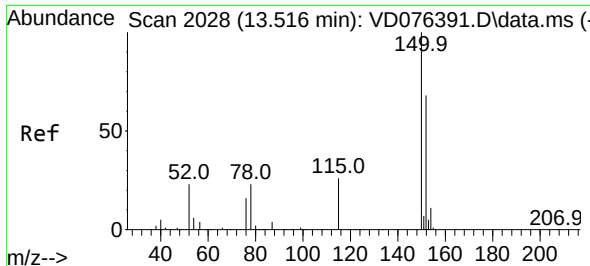
Tgt Ion:106 Resp: 66
Ion Ratio Lower Upper
106 100
91 1169.7 147.0 220.6#



#70
Styrene
Concen: 1.175 ug/l
RT: 12.128 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

Tgt Ion:104 Resp: 117
Ion Ratio Lower Upper
104 100
78 0.0 33.2 49.8#
103 67.5 43.6 65.4#

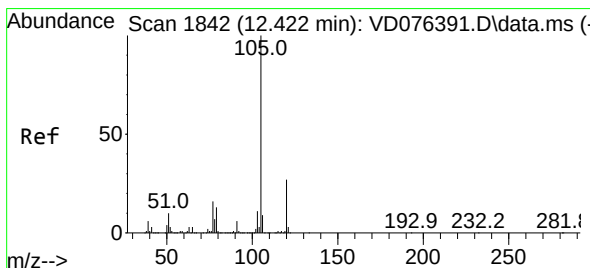
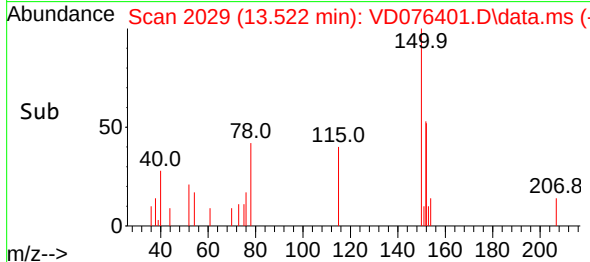
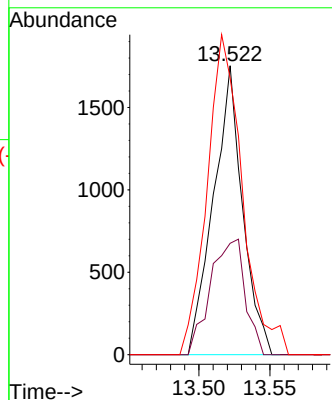
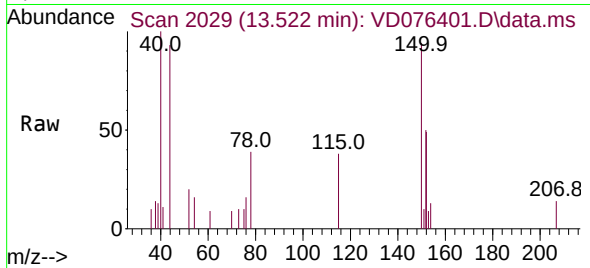




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

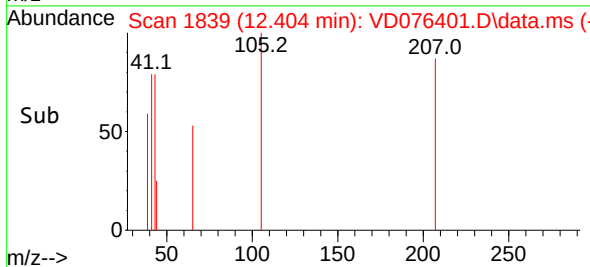
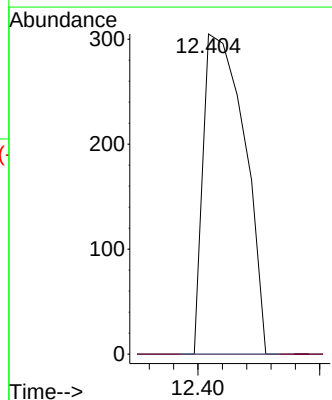
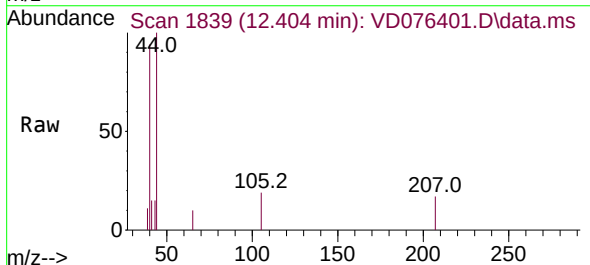
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

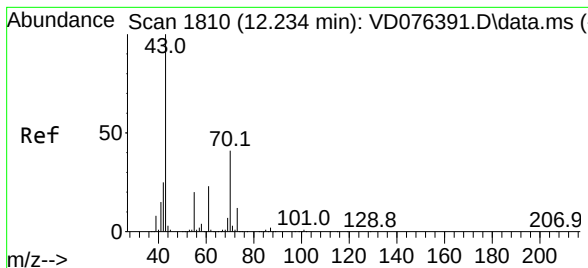
Tgt Ion:152 Resp: 2500
Ion Ratio Lower Upper
152 100
115 47.5 27.1 81.3
150 133.8 0.0 353.6



#73
Isopropylbenzene
Concen: 1.894 ug/l
RT: 12.404 min Scan# 1839
Delta R.T. -0.017 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

Tgt Ion:105 Resp: 358
Ion Ratio Lower Upper
105 100
120 0.0 14.3 42.9#





#74

N-amy1 acetate

Concen: 5.116 ug/l

RT: 12.240 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VD076401.D

Acq: 13 Jun 2023 13:19

Instrument :

MSVOA_D

ClientSampleId :

WC-1-VOC

Tgt Ion: 43 Resp: 295

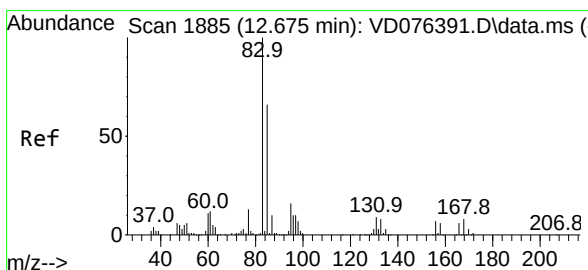
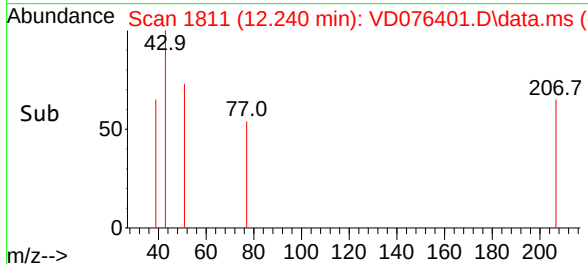
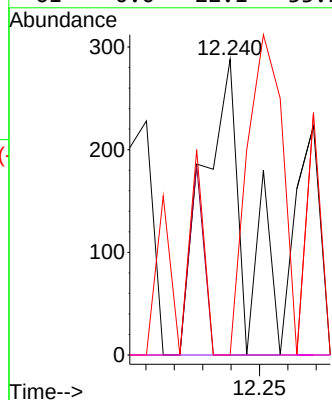
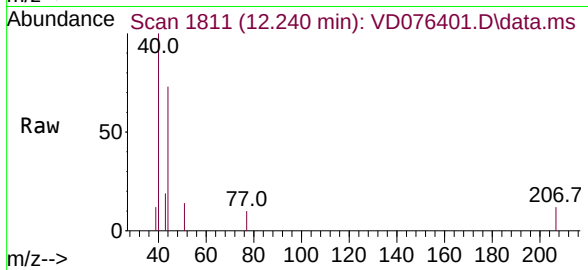
Ion Ratio Lower Upper

43 100

70 0.0 45.0 67.4#

55 91.2 23.8 35.6#

61 0.0 22.1 33.1#



#75

1,1,2,2-Tetrachloroethane

Concen: 2.062 ug/l

RT: 12.663 min Scan# 1883

Delta R.T. -0.012 min

Lab File: VD076401.D

Acq: 13 Jun 2023 13:19

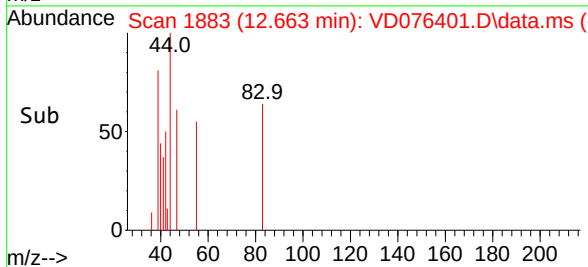
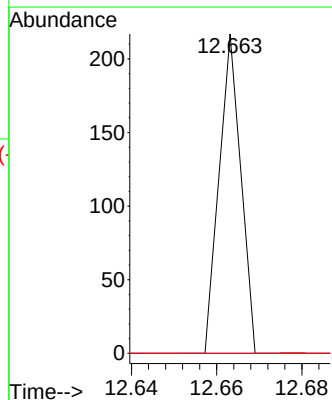
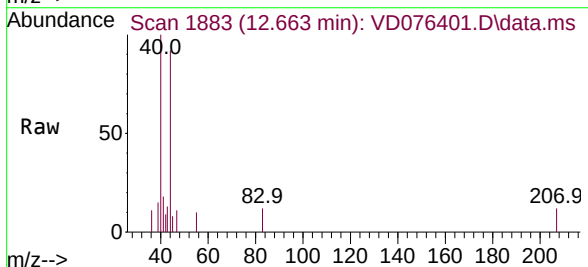
Tgt Ion: 83 Resp: 77

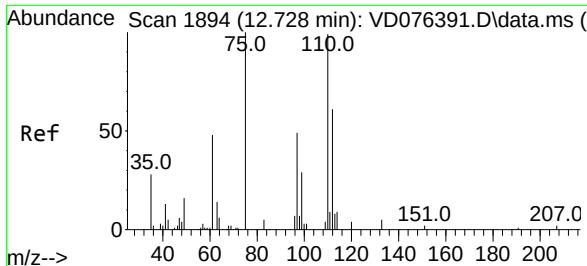
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 0.0 32.6 97.8#

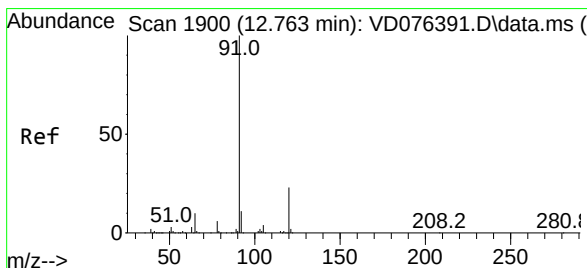
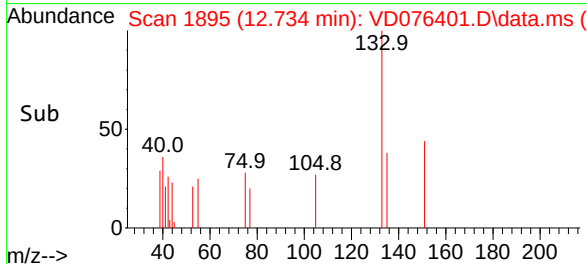
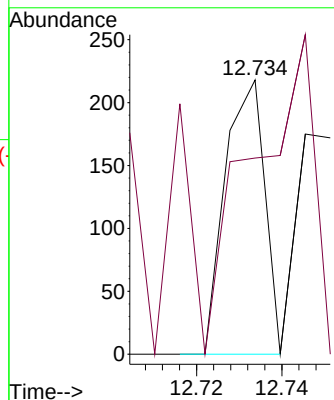
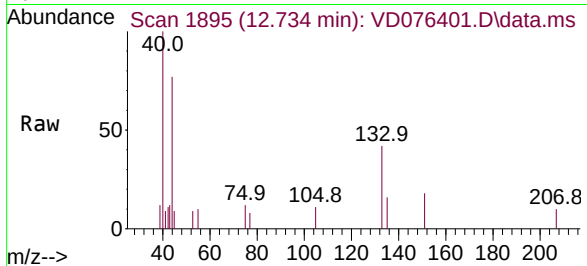




#76
1,2,3-Trichloropropane
Concen: 5.990 ug/l
RT: 12.734 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

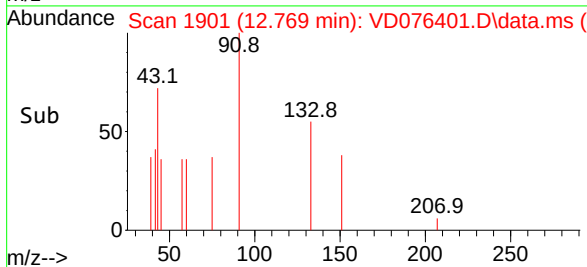
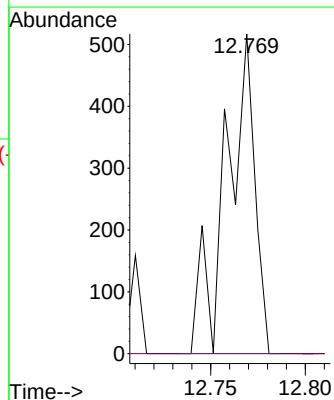
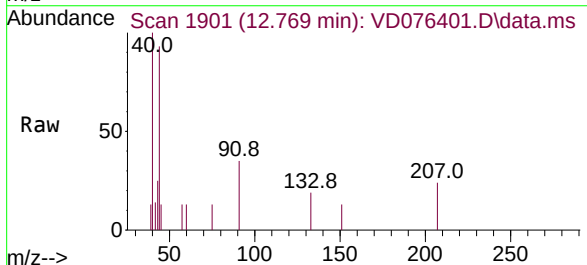
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

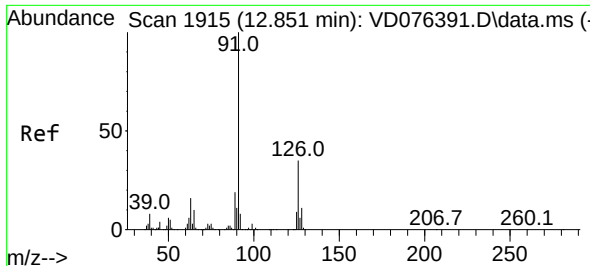
Tgt Ion: 75 Resp: 140
Ion Ratio Lower Upper
75 100
77 50.0 0.0 0.0#



#78
n-propylbenzene
Concen: 2.391 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

Tgt Ion: 91 Resp: 551
Ion Ratio Lower Upper
91 100
120 0.0 12.4 37.2#

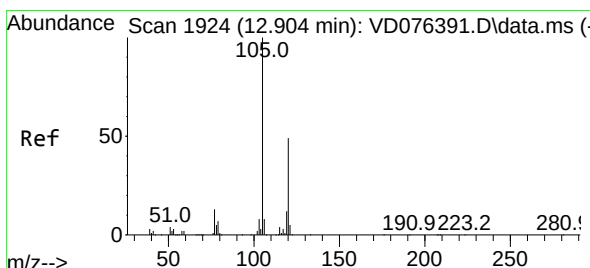
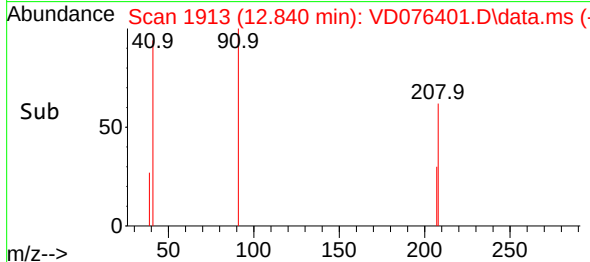
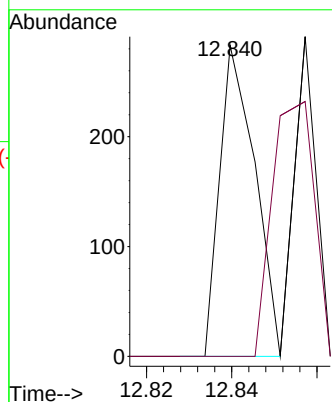
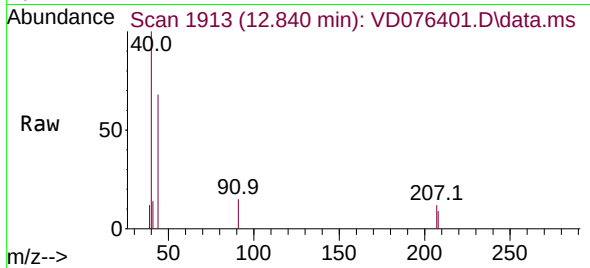




#79
2-Chlorotoluene
Concen: 1.242 ug/l
RT: 12.840 min Scan# 1915
Delta R.T. -0.012 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

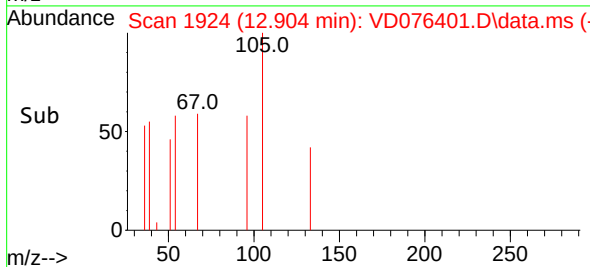
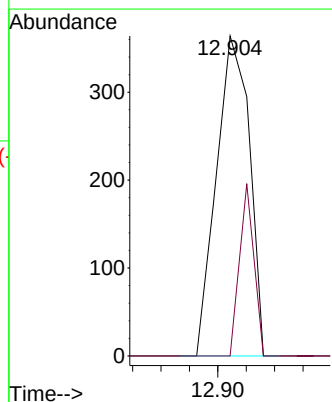
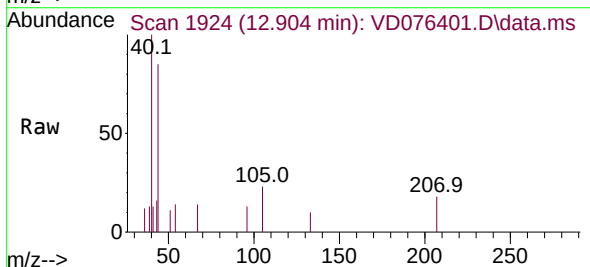
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

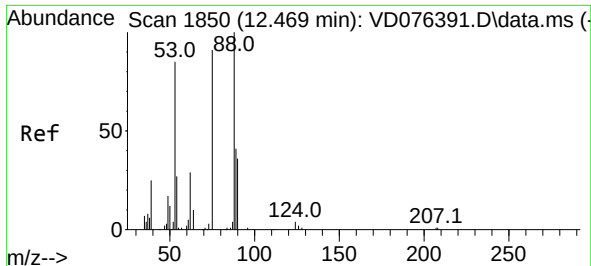
Tgt Ion: 91 Resp: 162
Ion Ratio Lower Upper
91 100
126 98.1 19.4 58.1#



#80
1,3,5-Trimethylbenzene
Concen: 1.857 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

Tgt Ion: 105 Resp: 293
Ion Ratio Lower Upper
105 100
120 23.5 26.4 79.2#

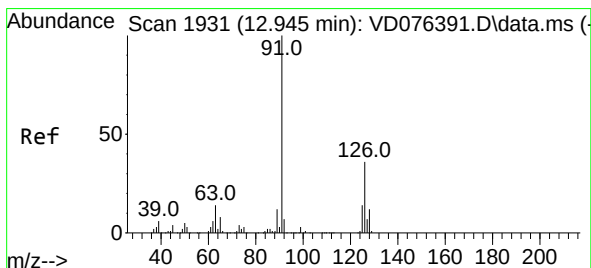
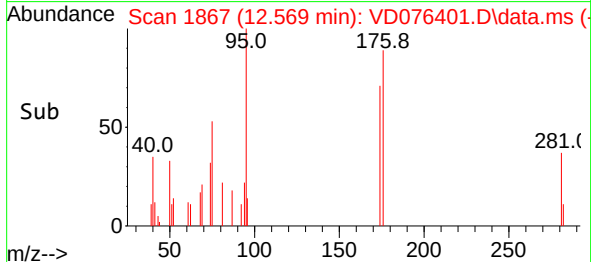
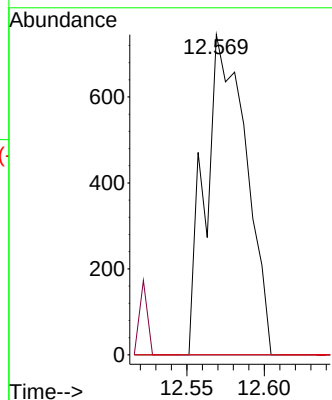
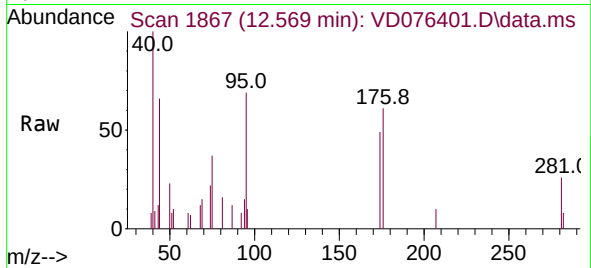




#81
trans-1,4-Dichloro-2-butene
Concen: 103.954 ug/l
RT: 12.569 min Scan# 1850
Delta R.T. 0.100 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

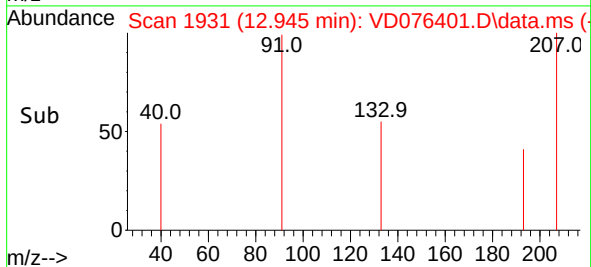
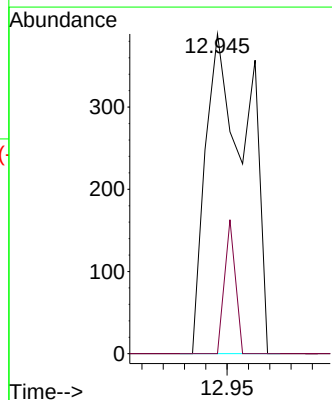
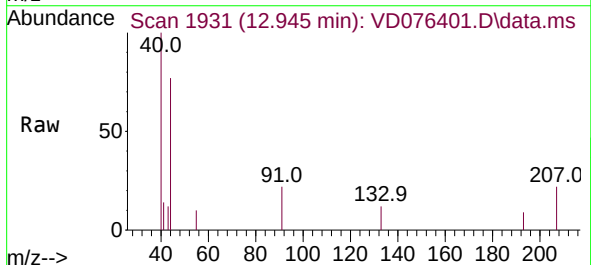
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

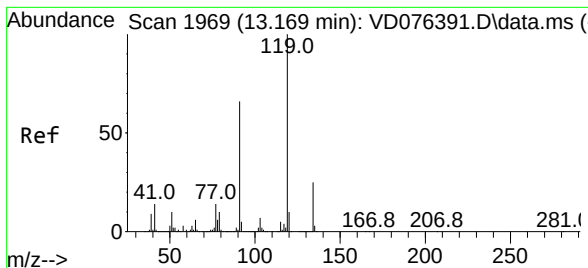
Tgt Ion: 75 Resp: 1357
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#



#82
4-Chlorotoluene
Concen: 3.866 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

Tgt Ion: 91 Resp: 528
Ion Ratio Lower Upper
91 100
126 10.8 19.4 58.4#





#83

tert-Butylbenzene

Concen: 2.813 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD076401.D

Acq: 13 Jun 2023 13:19

Instrument :

MSVOA_D

ClientSampleId :

WC-1-VOC

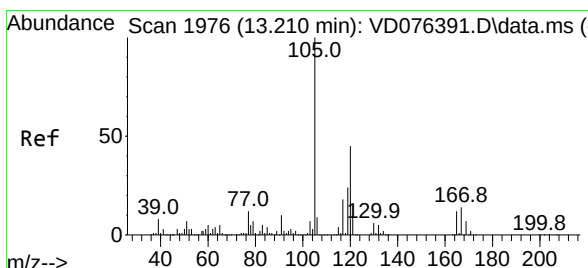
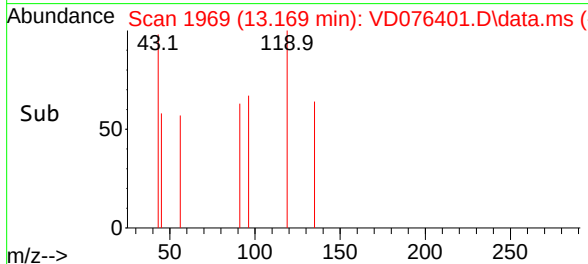
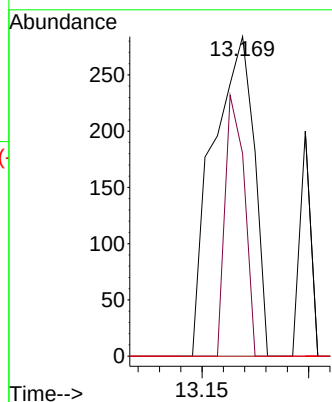
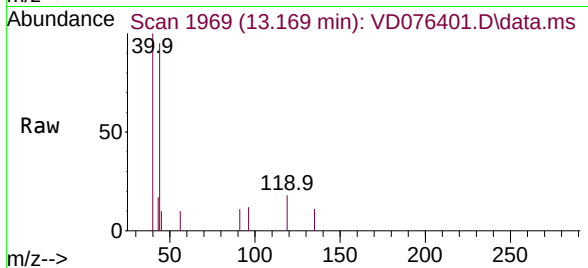
Tgt Ion:119 Resp: 381

Ion Ratio Lower Upper

119 100

91 38.1 29.3 87.8

134 0.0 14.1 42.3#



#84

1,2,4-Trimethylbenzene

Concen: 2.630 ug/l

RT: 13.222 min Scan# 1978

Delta R.T. 0.012 min

Lab File: VD076401.D

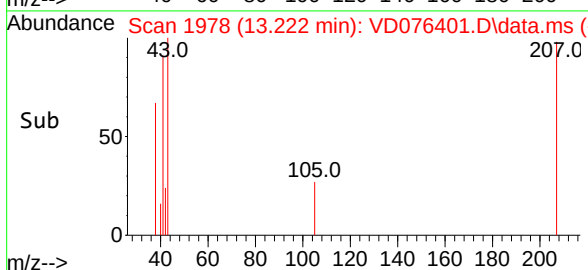
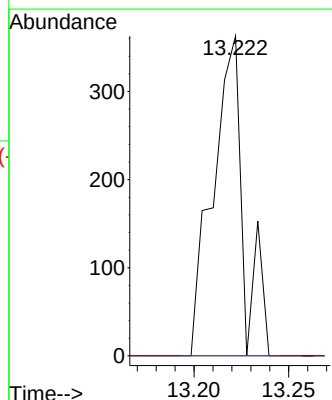
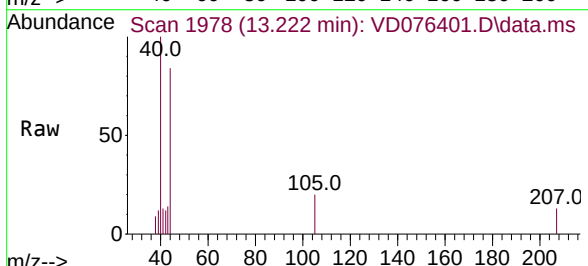
Acq: 13 Jun 2023 13:19

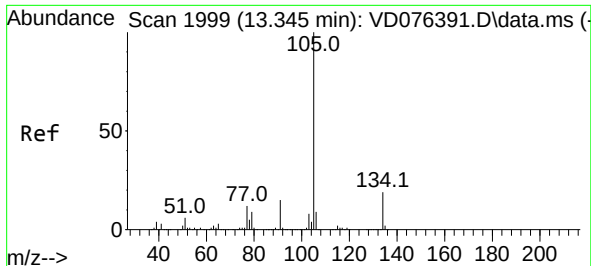
Tgt Ion:105 Resp: 410

Ion Ratio Lower Upper

105 100

120 0.0 24.3 72.9#

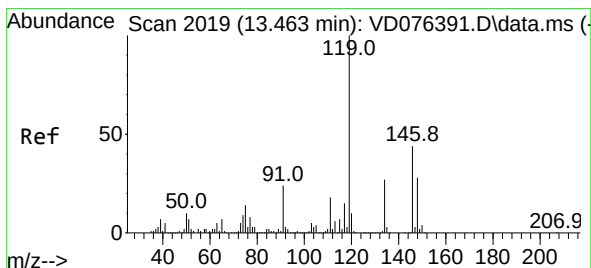
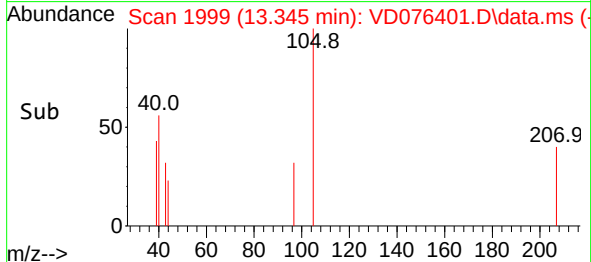
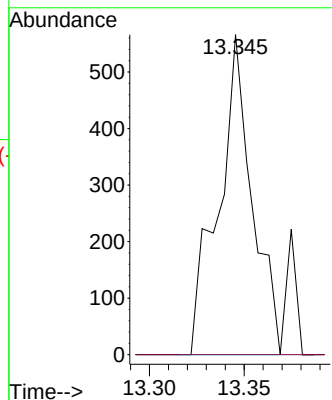
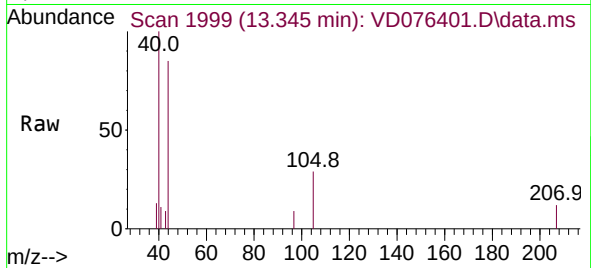




#85
 sec-Butylbenzene
 Concen: 3.512 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076401.D
 Acq: 13 Jun 2023 13:19

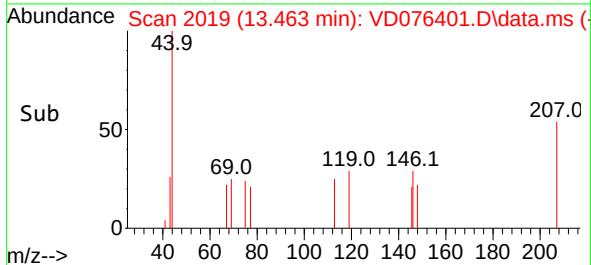
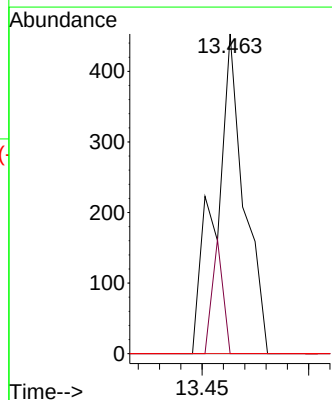
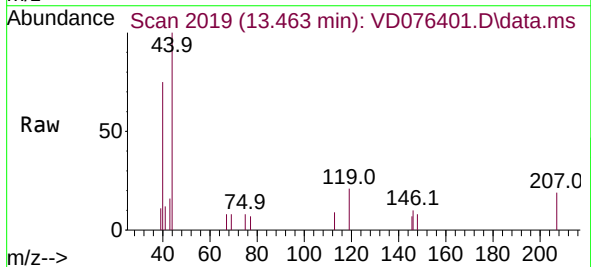
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-VOC

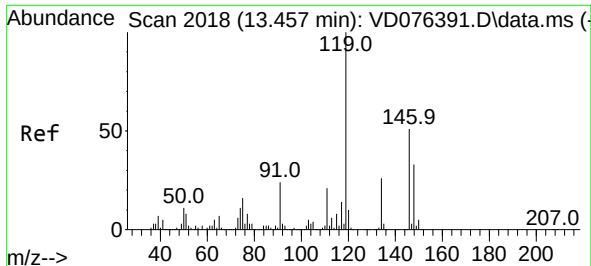
Tgt Ion:105 Resp: 700
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.9 32.9#



#86
 p-Isopropyltoluene
 Concen: 2.532 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD076401.D
 Acq: 13 Jun 2023 13:19

Tgt Ion:119 Resp: 425
 Ion Ratio Lower Upper
 119 100
 134 13.4 14.2 42.6#
 91 0.0 10.5 31.5#





#87

1,3-Dichlorobenzene

Concen: 6.348 ug/l

RT: 13.540 min Scan# 2018

Delta R.T. 0.083 min

Lab File: VD076401.D

Acq: 13 Jun 2023 13:19

Instrument :

MSVOA_D

ClientSampleId :

WC-1-VOC

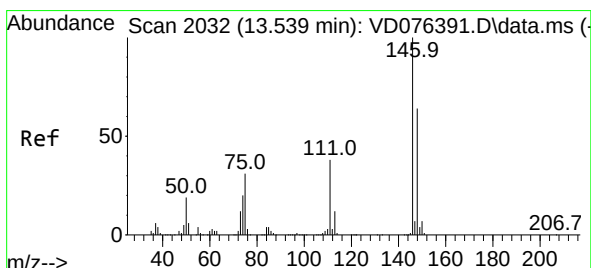
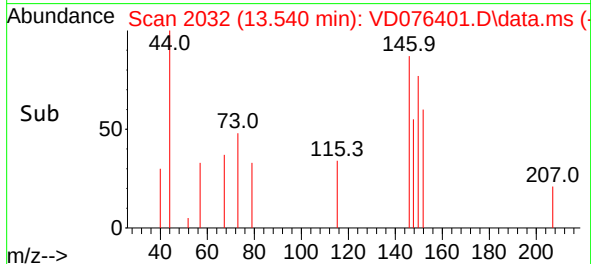
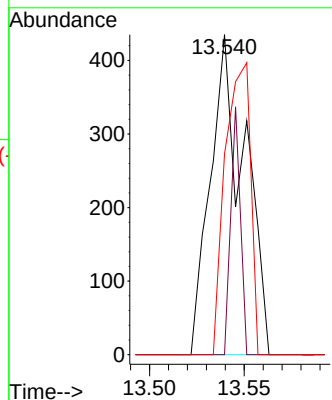
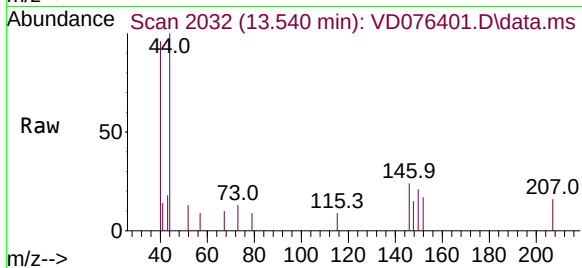
Tgt Ion:146 Resp: 548

Ion Ratio Lower Upper

146 100

111 21.7 17.9 53.8

148 67.0 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 6.423 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076401.D

Acq: 13 Jun 2023 13:19

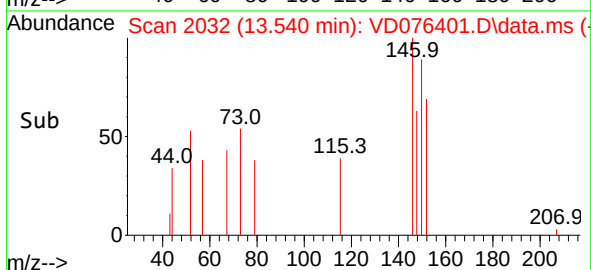
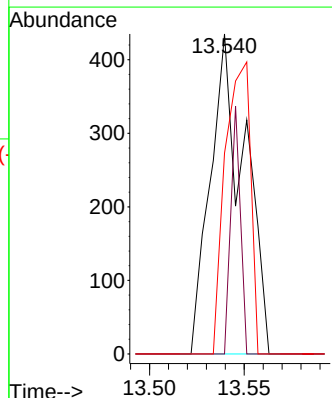
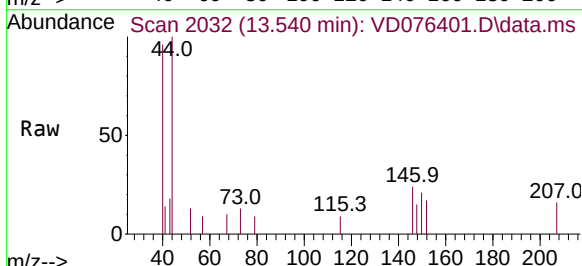
Tgt Ion:146 Resp: 548

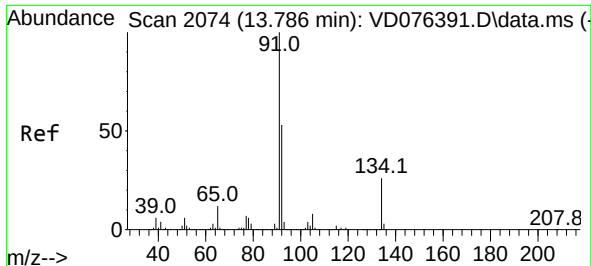
Ion Ratio Lower Upper

146 100

111 21.7 17.4 52.3

148 67.0 31.7 95.1

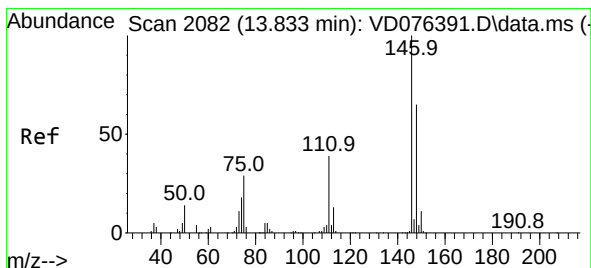
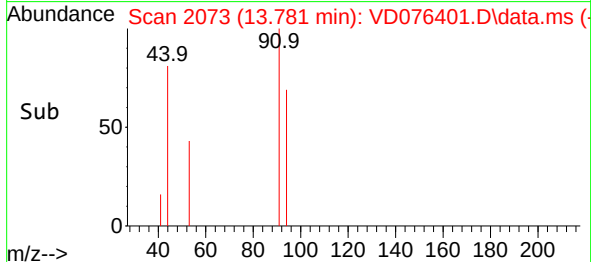
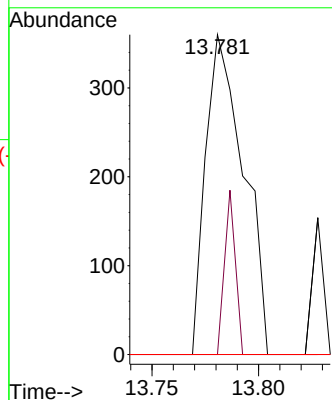
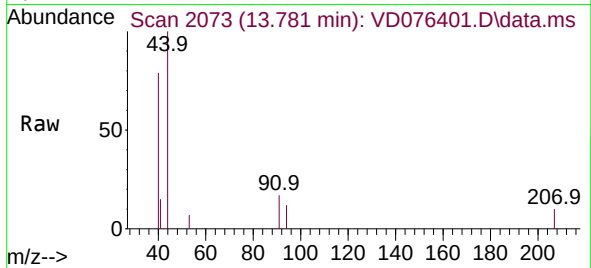




#89
n-Butylbenzene
Concen: 2.766 ug/l
RT: 13.781 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

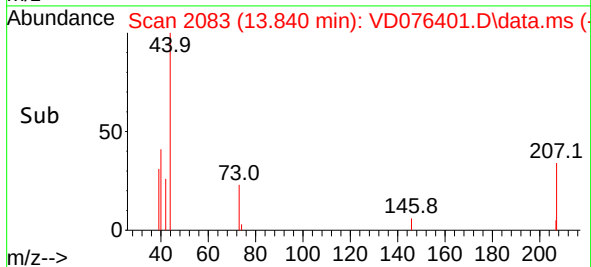
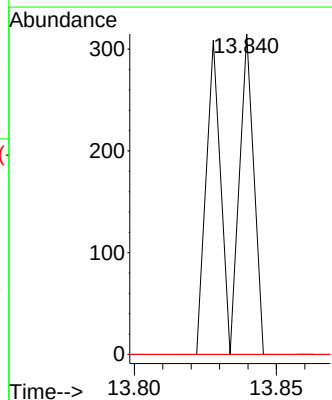
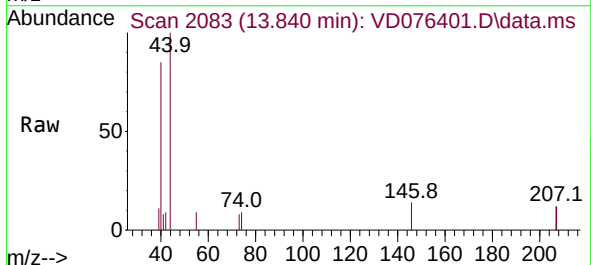
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

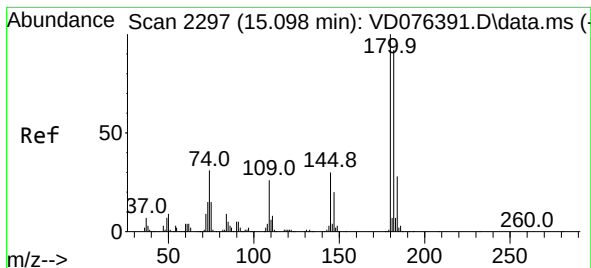
Tgt Ion: 91 Resp: 446
Ion Ratio Lower Upper
91 100
92 14.6 26.5 79.5#
134 0.0 13.8 41.3#



#91
1,2-Dichlorobenzene
Concen: 2.898 ug/l
RT: 13.840 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VD076401.D
Acq: 13 Jun 2023 13:19

Tgt Ion: 146 Resp: 220
Ion Ratio Lower Upper
146 100
111 0.0 18.3 54.8#
148 0.0 31.6 94.7#





#93

1,2,4-Trichlorobenzene

Concen: 3.955 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076401.D

Acq: 13 Jun 2023 13:19

Instrument :

MSVOA_D

ClientSampleId :

WC-1-VOC

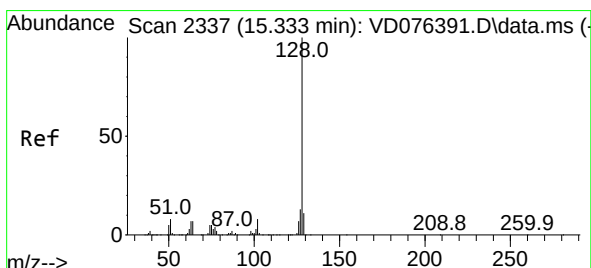
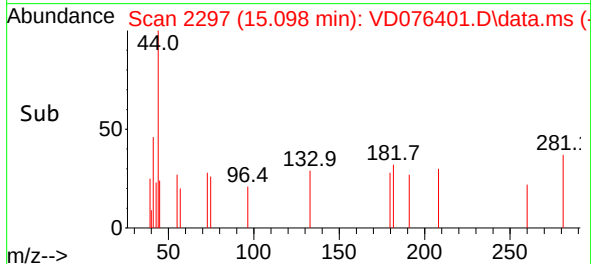
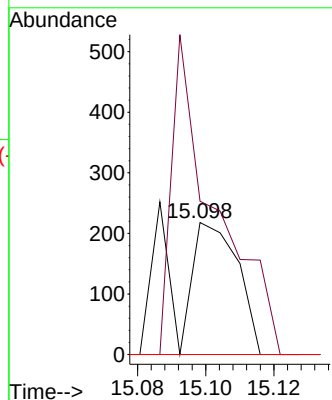
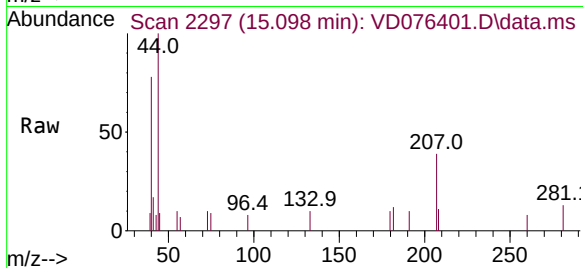
Tgt Ion:180 Resp: 201

Ion Ratio Lower Upper

180 100

182 233.8 48.5 145.6#

145 0.0 14.2 42.6#



#95

Naphthalene

Concen: 9.574 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD076401.D

Acq: 13 Jun 2023 13:19

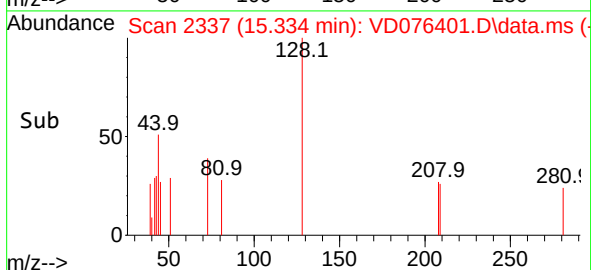
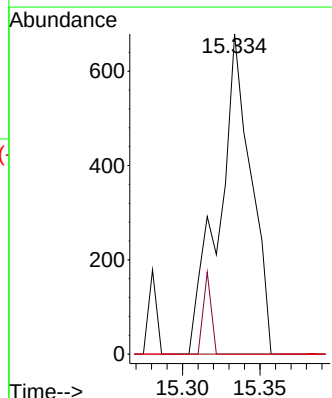
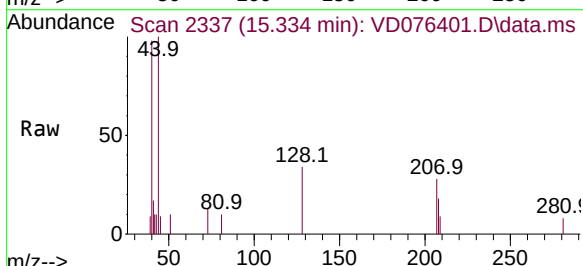
Tgt Ion:128 Resp: 977

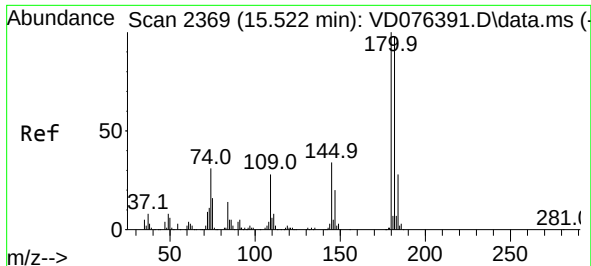
Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 6.949 ug/l

RT: 15.534 min Scan# 21

Delta R.T. 0.012 min

Lab File: VD076401.D

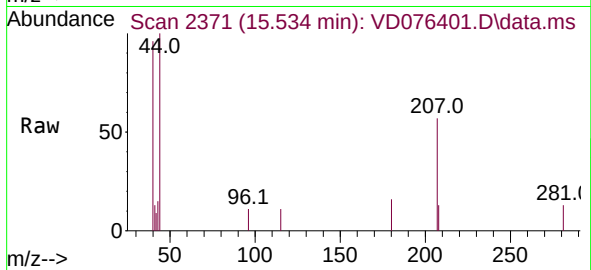
Acq: 13 Jun 2023 13:19

Instrument :

MSVOA_D

ClientSampleId :

WC-1-VOC



Tgt Ion:180 Resp: 305

Ion Ratio Lower Upper

180 100

182 119.7 47.3 141.9

145 18.0 15.1 45.3

