

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
 Data File : VX033456.D
 Acq On : 16 Dec 2022 13:02
 Operator : JC/MD
 Sample : N6074-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 221214029-02-VOA

Quant Time: Dec 17 07:46:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 12 12:37:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	13321	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	96154	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	100912	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	36069	30.830	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.767%	
60) 4-Bromofluorobenzene	11.079	95	53448	28.597	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 95.333%	
63) Toluene-d8	8.647	98	100399	29.909	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.700%	
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	556	0.472	ug/l	91
8) Diethyl Ether	2.130	74	1784	2.379	ug/l	80
12) Methyl Acetate	3.105	43	1803	1.114	ug/l	95
13) Acrolein	2.075	56	224	0.875	ug/l	85
14) Acrylonitrile	3.075	53	176	0.299	ug/l #	35
15) Acetone	2.380	58	13225	65.385	ug/l	95
16) Carbon Disulfide	2.514	76	1952	0.631	ug/l	98
17) Allyl chloride	2.654	41	15261	8.099	ug/l #	34
18) Methylene Chloride	2.794	84	277	0.208	ug/l #	86
22) cis-1,2-Dichloroethene	4.489	96	1305	0.841	ug/l #	58
23) tert-Butyl Alcohol	2.965	59	1482332	5903.366	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	7317	1.761	ug/l #	79
30) 2-Butanone	4.574	43	57857	63.688	ug/l #	84
34) Benzene	6.038	78	21159	3.799	ug/l	96
36) 1,2-Dichloroethane	6.092	62	877	0.410	ug/l #	77
43) Ethyl Acetate	4.678	43	4955	3.034	ug/l #	1
44) Isopropyl Acetate	6.342	43	1350	0.487	ug/l #	57
45) 1,4-Dioxane	7.678	88	2772	85.351	ug/l #	79
47) n-amyl Acetate	10.384	43	6399	2.750	ug/l	99
50) 1,1,2-Trichloroethane	9.074	97	749	0.510	ug/l #	23
56) Bromoform	11.079	173	394	0.309	ug/l #	1
58) 4-Methyl-2-Pentanone	8.568	43	12364	7.577	ug/l #	76
59) 2-Hexanone	9.433	43	2231	1.788	ug/l #	72
62) Toluene	8.720	91	54866	8.957	ug/l	99
64) Chlorobenzene	10.080	112	4008	1.034	ug/l	90
66) Ethyl Benzene	10.195	91	14985	2.171	ug/l	92
67) m/p-Xylenes	10.299	106	22612	8.381	ug/l	100
68) o-Xylene	10.640	106	15806	6.013	ug/l	95
69) Styrene	10.659	104	2300	0.527	ug/l #	2
70) Isopropylbenzene	10.964	105	5786	0.829	ug/l	93
75) 2-Chlorotoluene	11.378	91	2088	0.435	ug/l	56
76) 1,3,5-Trimethylbenzene	11.451	105	5562	0.948	ug/l	92
78) 4-Chlorotoluene	11.378	91	2088	0.379	ug/l	62
79) tert-butylbenzene	11.969	119	1647	0.283	ug/l	72
80) 1,2,4-Trimethylbenzene	11.750	105	15284	2.651	ug/l	99
81) sec-Butylbenzene	12.085	105	11874	1.700	ug/l	58
82) p-Isopropyltoluene	12.012	119	18118	3.041	ug/l	98
83) 1,3-Dichlorobenzene	12.043	146	9687	3.050	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	9687	3.030	ug/l	98

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Dec 12 12:37:35 2022
Response via : Initial Calibration

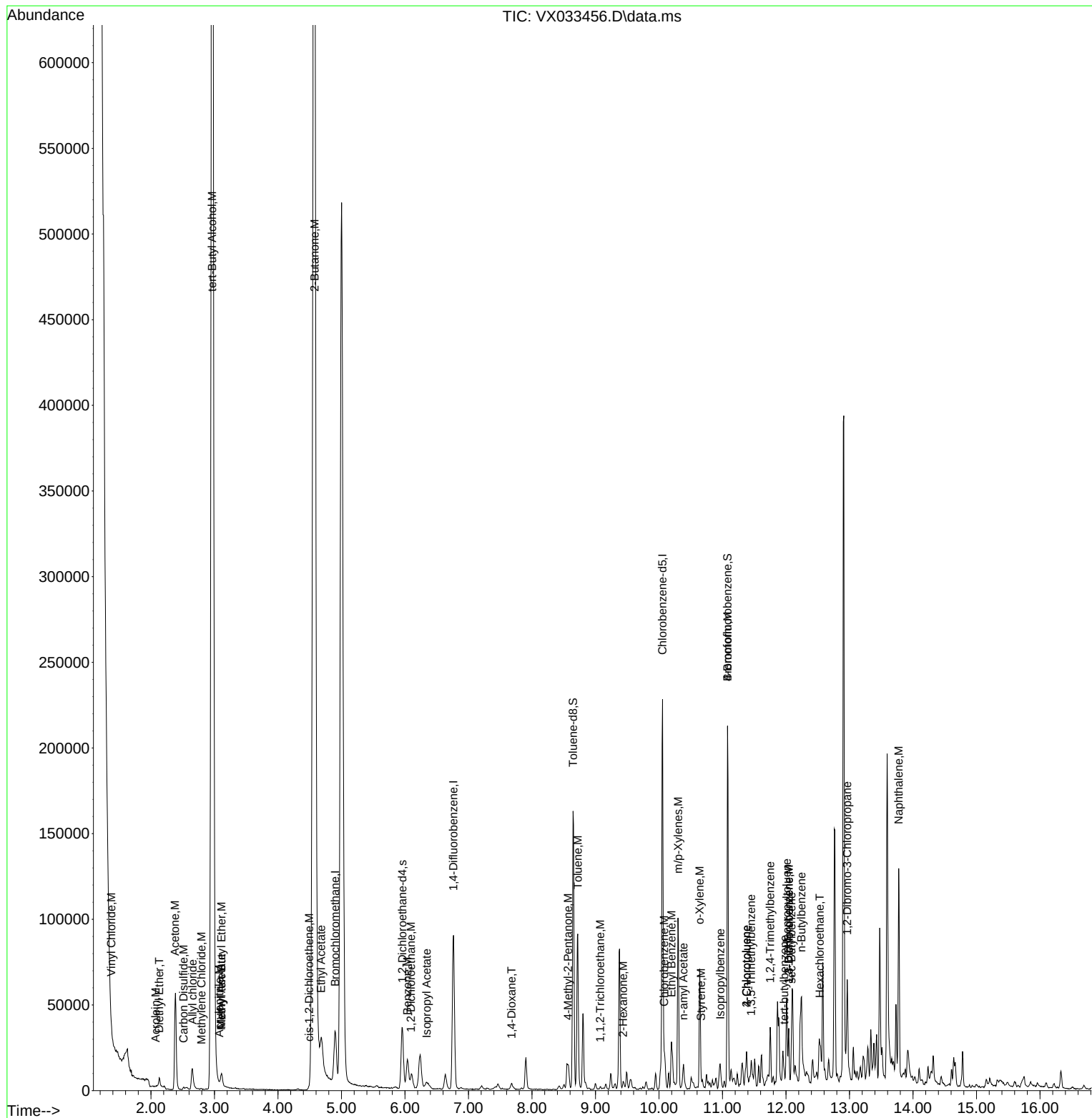
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) n-Butylbenzene	12.244	91	2714	0.546	ug/l	60
86) Hexachloroethane	12.530	117	497	0.470	ug/l #	9
88) 1,2-Dibromo-3-Chloropr...	12.963	75	252	0.561	ug/l #	1
91) Naphthalene	13.774	128	68879	11.007	ug/l	99

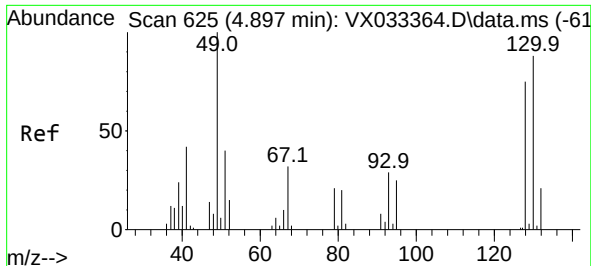
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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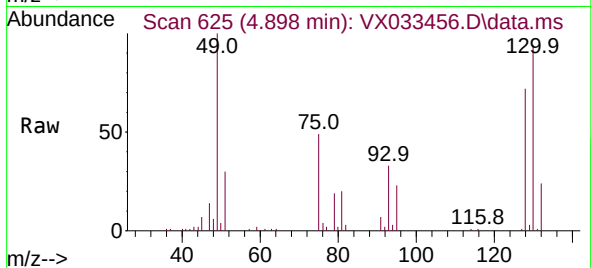
Quant Time: Dec 17 07:46:08 2022
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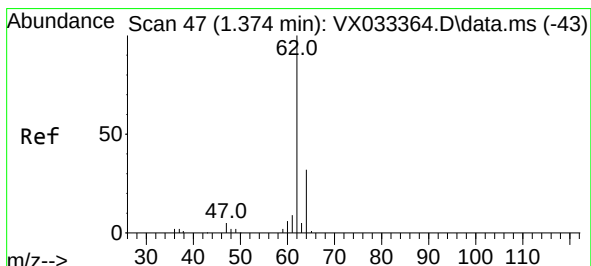
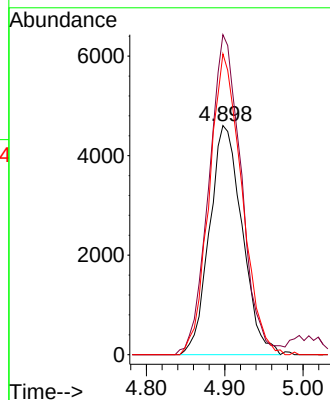
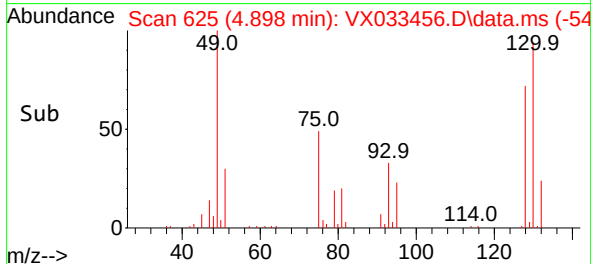


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

Instrument :
MSVOA_X
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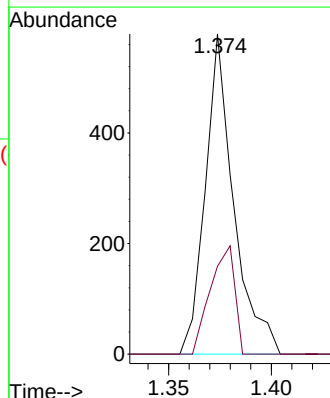
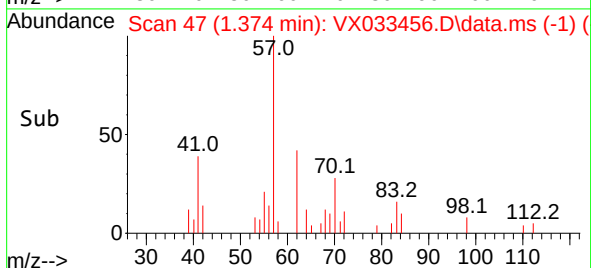
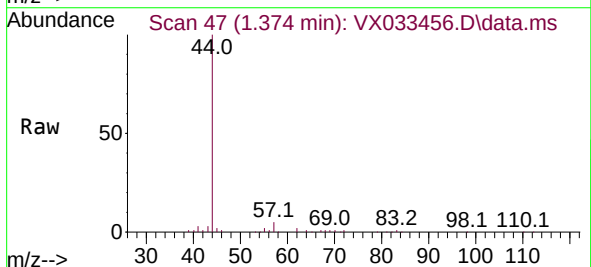


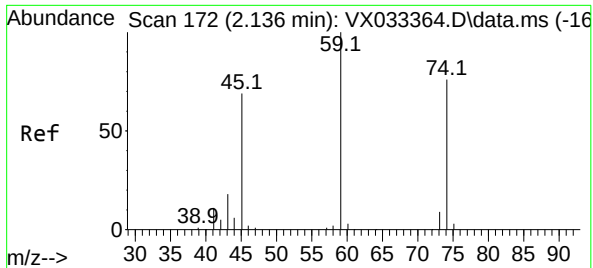
Tgt Ion:128 Resp: 13321
Ion Ratio Lower Upper
128 100
49 138.0 0.0 339.5
130 131.0 0.0 318.0



#4
Vinyl Chloride
Concen: 0.472 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

Tgt Ion: 62 Resp: 556
Ion Ratio Lower Upper
62 100
64 27.5 25.9 38.9

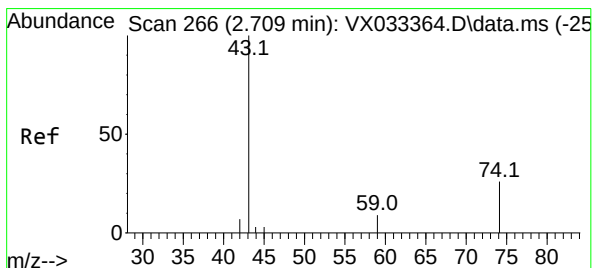
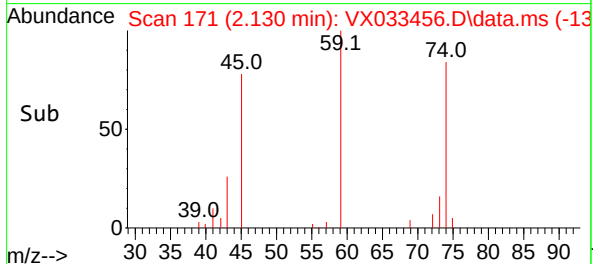
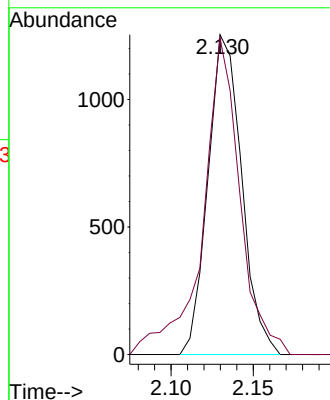
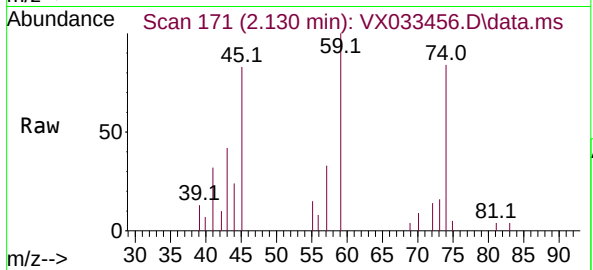




#8
Diethyl Ether
Concen: 2.379 ug/l
RT: 2.130 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

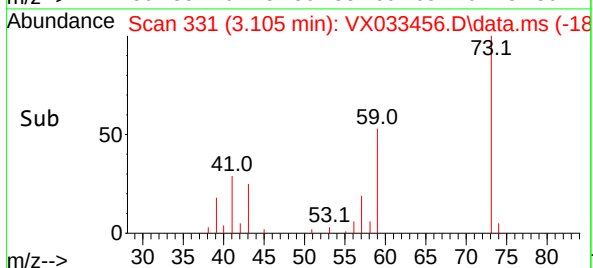
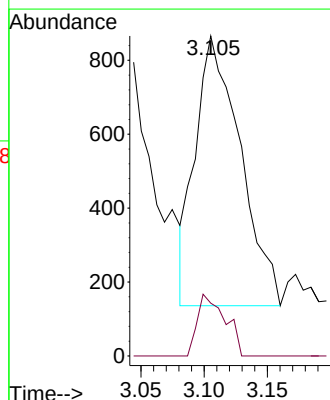
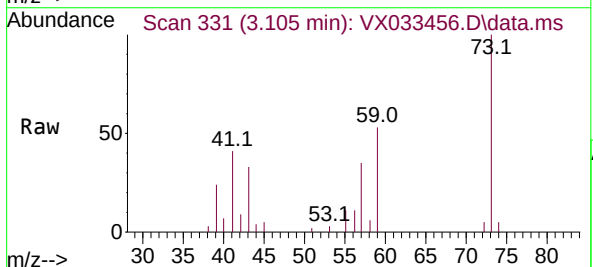
Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

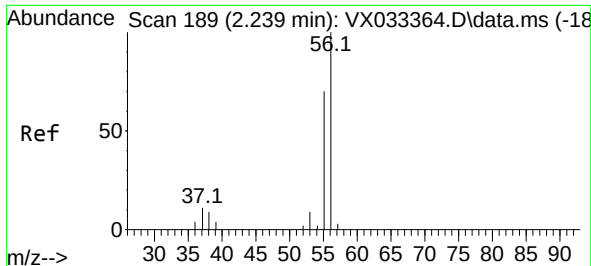
Tgt Ion: 74 Resp: 1784
Ion Ratio Lower Upper
74 100
45 109.0 18.0 161.8



#12
Methyl Acetate
Concen: 1.114 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.396 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
74 23.0 20.6 31.0

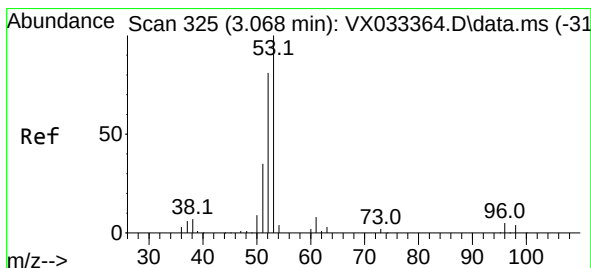
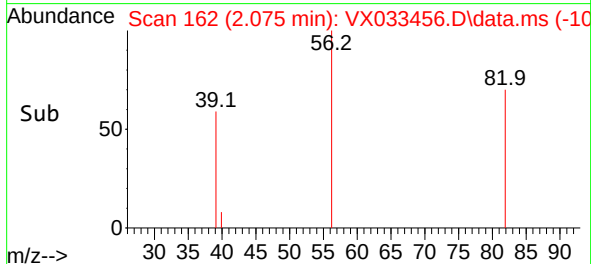
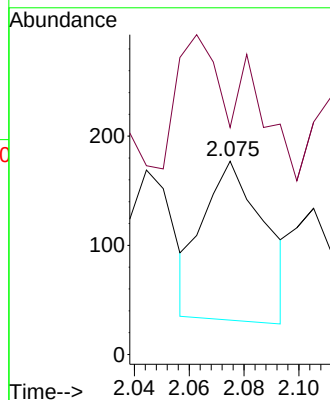
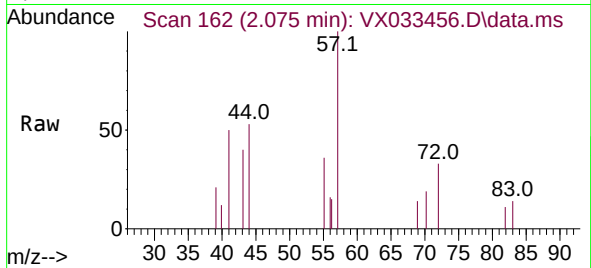




#13
Acrolein
Concen: 0.875 ug/l
RT: 2.075 min Scan# 11
Delta R.T. -0.164 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

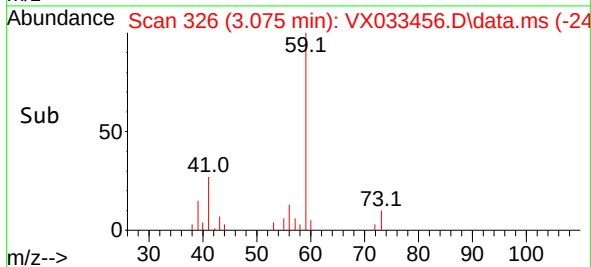
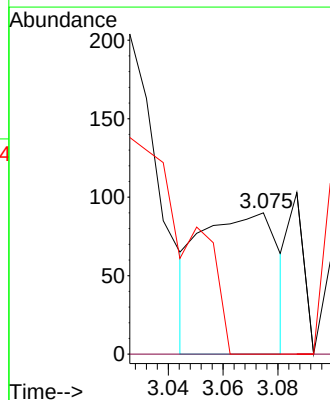
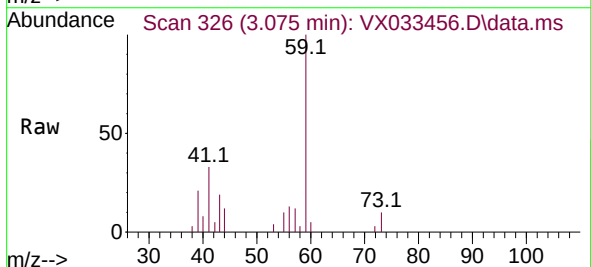
Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

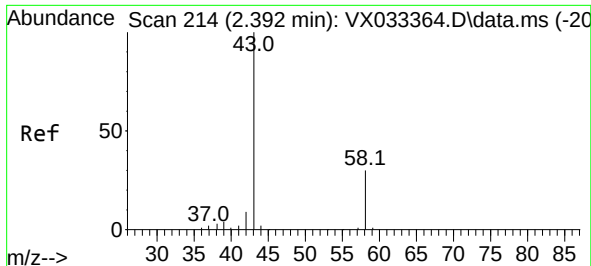
Tgt Ion: 56 Resp: 224
Ion Ratio Lower Upper
56 100
55 58.9 57.2 85.8



#14
Acrylonitrile
Concen: 0.299 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

Tgt Ion: 53 Resp: 176
Ion Ratio Lower Upper
53 100
52 0.0 40.3 120.8#
51 31.8 18.4 55.4





#15

Acetone

Concen: 65.385 ug/l

RT: 2.380 min Scan# 21

Delta R.T. -0.012 min

Lab File: VX033456.D

Acq: 16 Dec 2022 13:02

Instrument :

MSVOA_X

ClientSampleId :

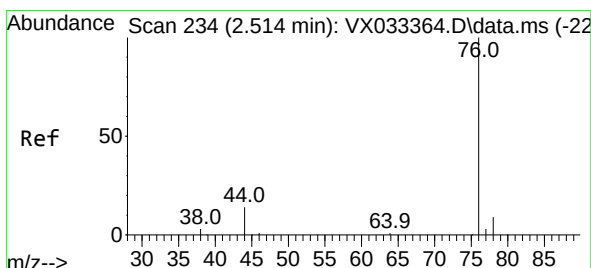
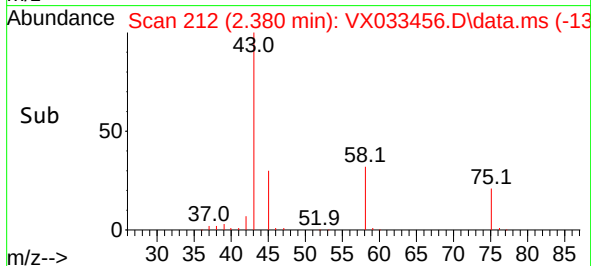
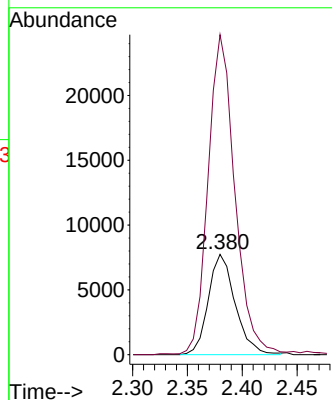
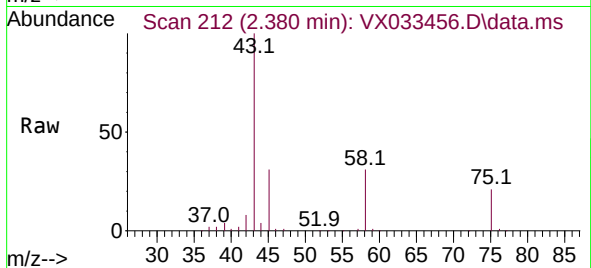
221214029-02-VOA

Tgt Ion: 58 Resp: 13225

Ion Ratio Lower Upper

58 100

43 317.8 262.9 394.3



#16

Carbon Disulfide

Concen: 0.631 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX033456.D

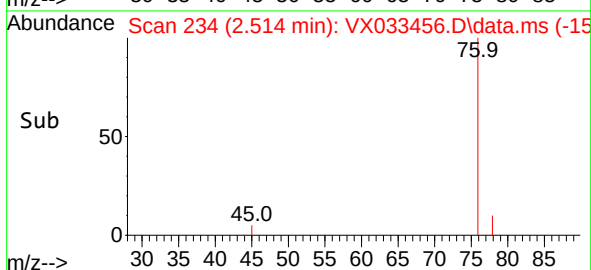
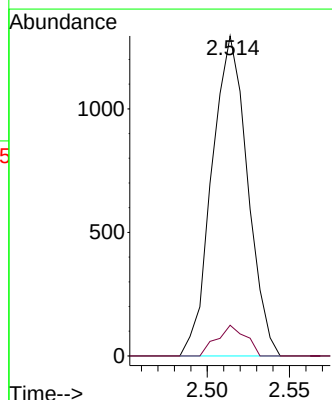
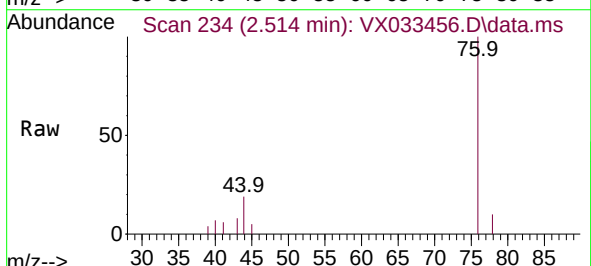
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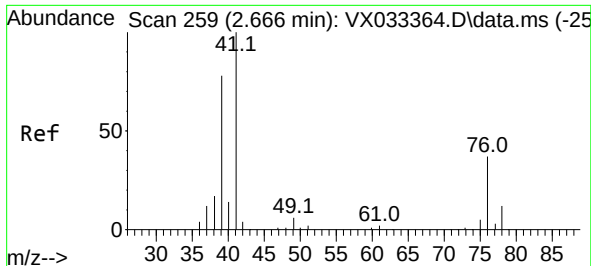
Tgt Ion: 76 Resp: 1952

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.4





#17

Allyl chloride

Concen: 8.099 ug/l

RT: 2.654 min Scan# 21

Delta R.T. -0.012 min

Lab File: VX033456.D

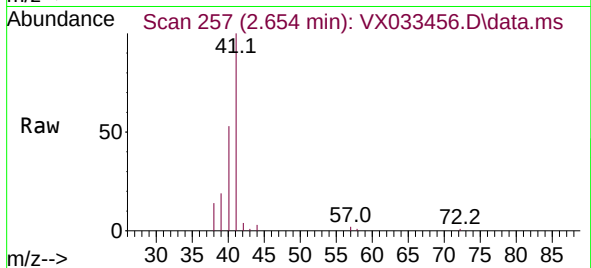
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Instrument :

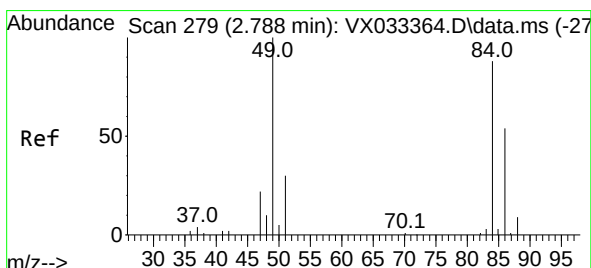
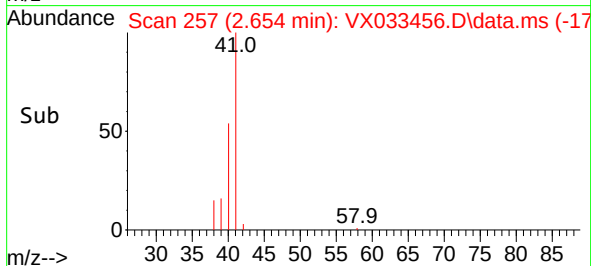
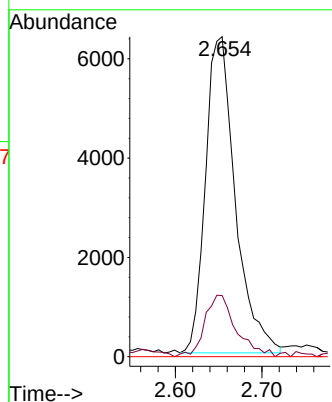
MSVOA_X

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Tgt Ion:	41	Resp:	15261
Ion Ratio	Lower	Upper	
41	100		
39	18.5	39.1	117.2#
76	0.0	18.6	55.8#



#18

Methylene Chloride

Concen: 0.208 ug/l

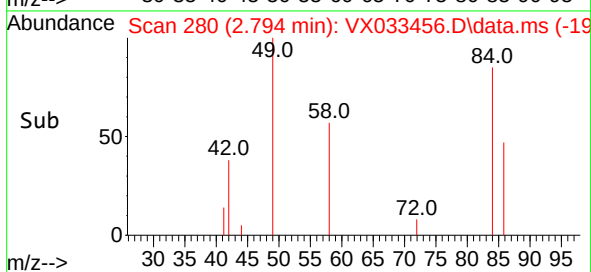
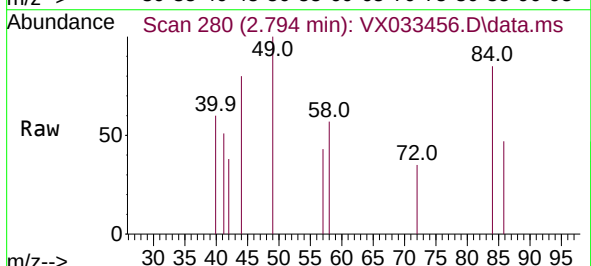
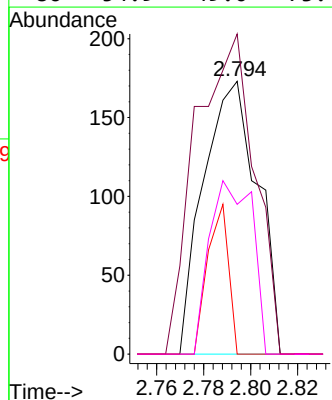
RT: 2.794 min Scan# 280

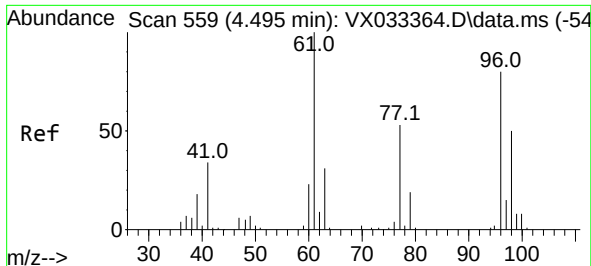
Delta R.T. 0.006 min

Lab File: VX033456.D

Acq: 16 Dec 2022 13:02

Tgt Ion:	84	Resp:	277
Ion Ratio	Lower	Upper	
84	100		
49	117.3	91.2	136.8
51	0.0	27.3	40.9#
86	54.9	49.0	73.4





#22

cis-1,2-Dichloroethene

Concen: 0.841 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX033456.D

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Instrument :

MSVOA_X

ClientSampleId :

221214029-02-VOA

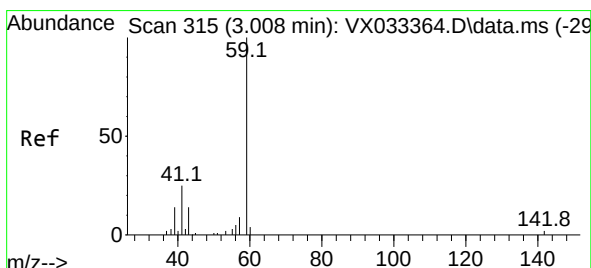
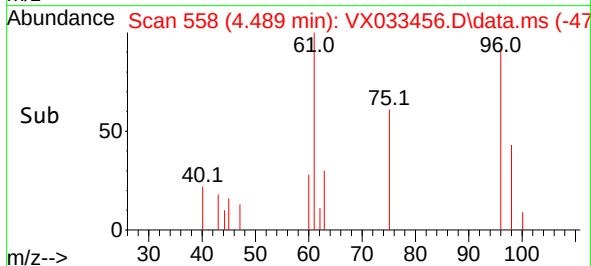
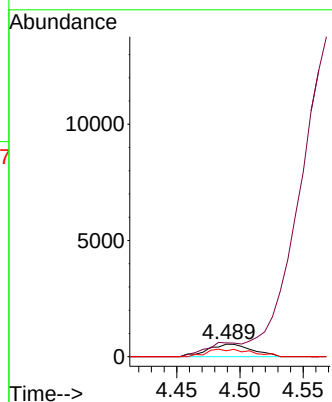
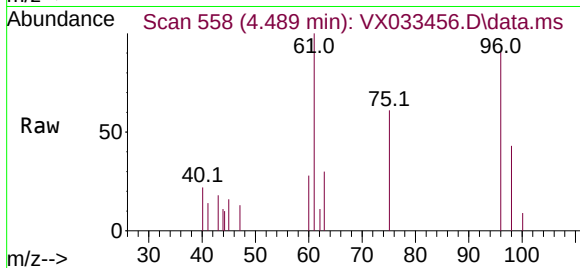
Tgt Ion: 96 Resp: 1305

Ion Ratio Lower Upper

96 100

61 92.4 113.5 170.3#

98 28.8 51.9 77.9#



#23

tert-Butyl Alcohol

Concen: 5903.366 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.043 min

Lab File: VX033456.D

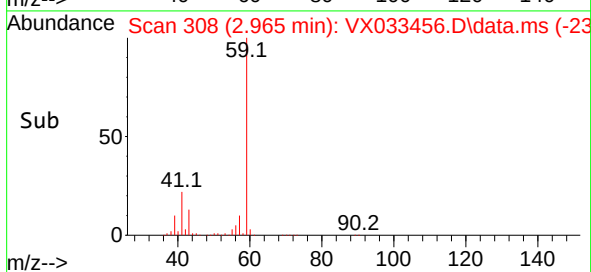
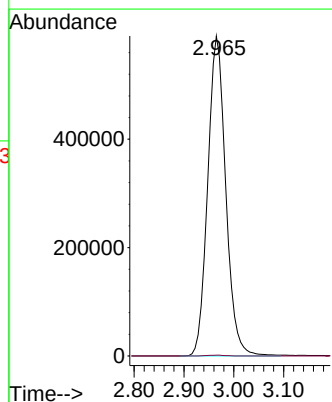
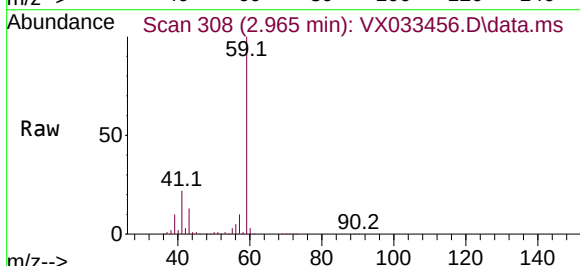
Acq: 16 Dec 2022 13:02

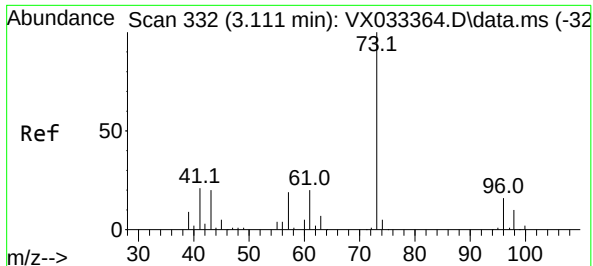
Tgt Ion: 59 Resp: 1482332

Ion Ratio Lower Upper

59 100

52 0.2 149.0 223.6#

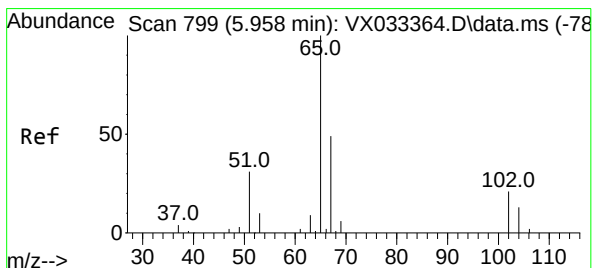
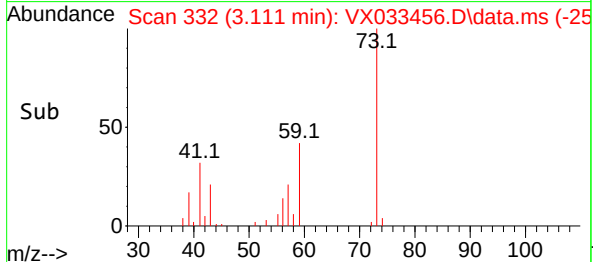
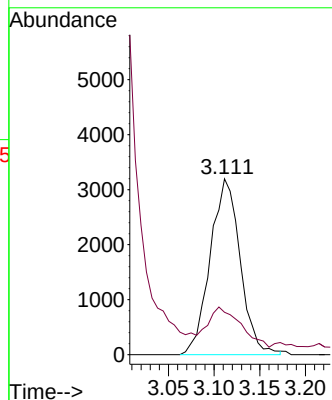
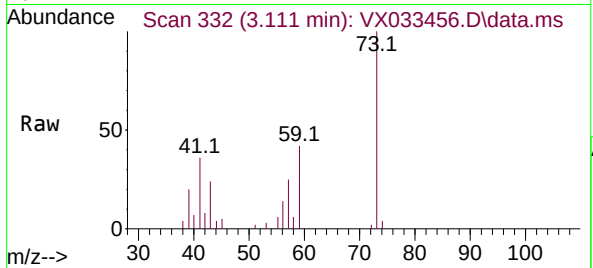




#24
Methyl tert-Butyl Ether
Concen: 1.761 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

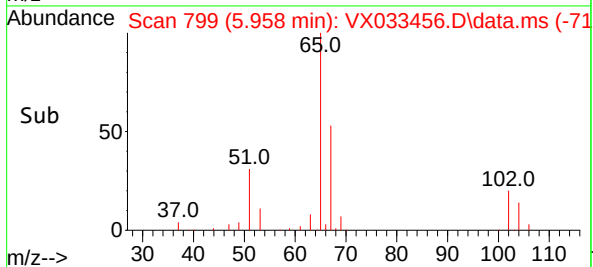
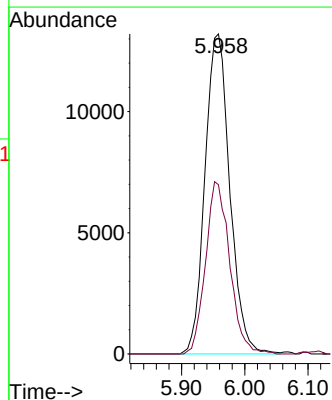
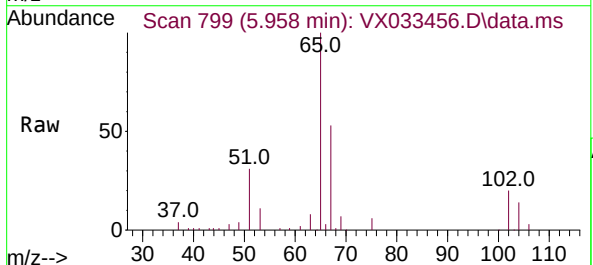
Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

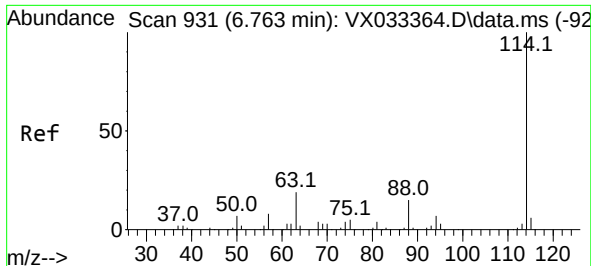
Tgt Ion: 73 Resp: 7317
Ion Ratio Lower Upper
73 100
43 30.6 16.8 25.2#



#27
1,2-Dichloroethane-d4
Concen: 30.830 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

Tgt Ion: 65 Resp: 36069
Ion Ratio Lower Upper
65 100
67 52.4 39.8 59.8

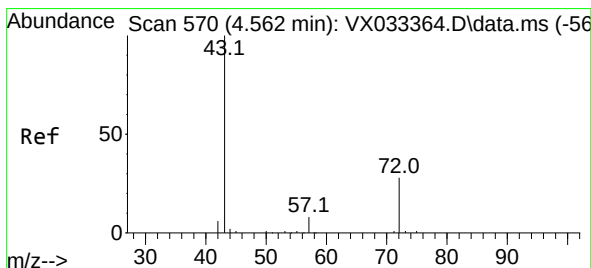
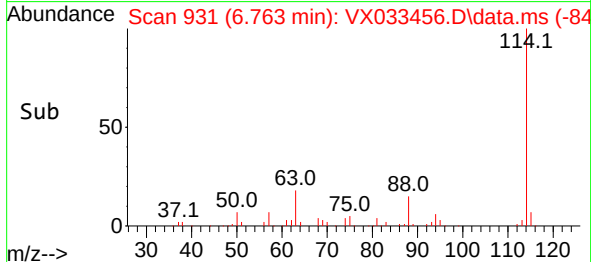
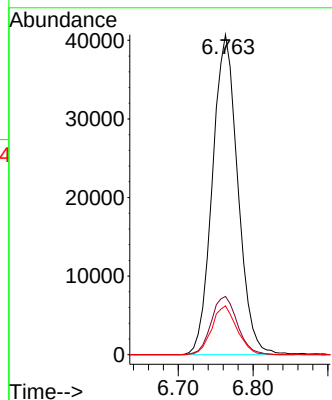
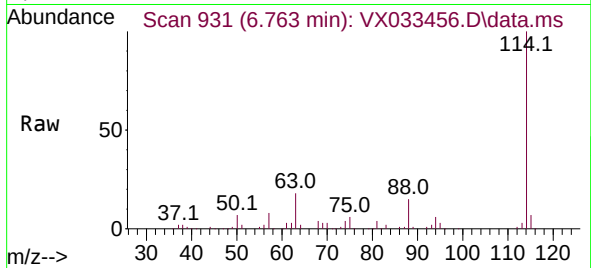




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX033456.D
 Acq: 16 Dec 2022 13:02

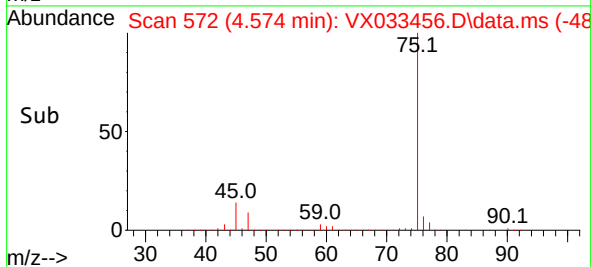
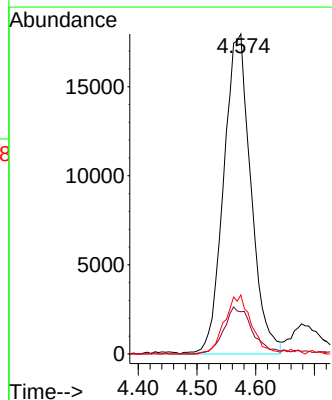
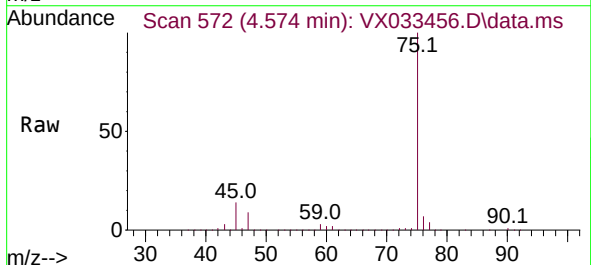
Instrument :
 MSVOA_X
 ClientSampleId :
 221214029-02-VOA

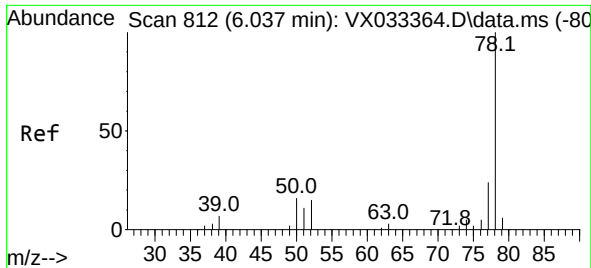
Tgt Ion:114 Resp: 96154
 Ion Ratio Lower Upper
 114 100
 63 18.7 15.2 22.8
 88 15.2 12.2 18.4



#30
 2-Butanone
 Concen: 63.688 ug/l
 RT: 4.574 min Scan# 572
 Delta R.T. 0.012 min
 Lab File: VX033456.D
 Acq: 16 Dec 2022 13:02

Tgt Ion: 43 Resp: 57857
 Ion Ratio Lower Upper
 43 100
 57 9.3 6.6 9.8
 72 17.9 22.5 33.7#





#34

Benzene

Concen: 3.799 ug/l

RT: 6.038 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX033456.D

Acq: 16 Dec 2022 13:02

Instrument :

MSVOA_X

ClientSampleId :

221214029-02-VOA

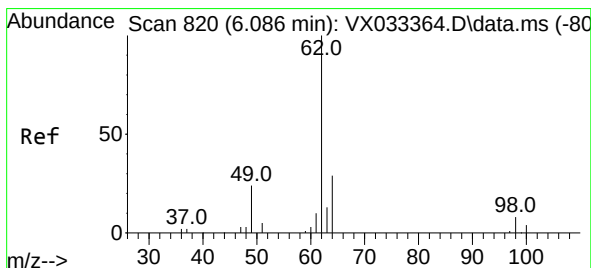
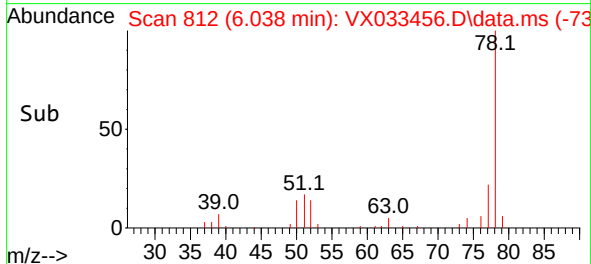
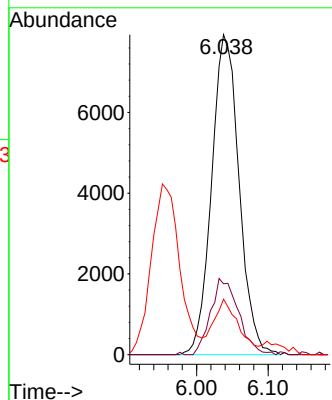
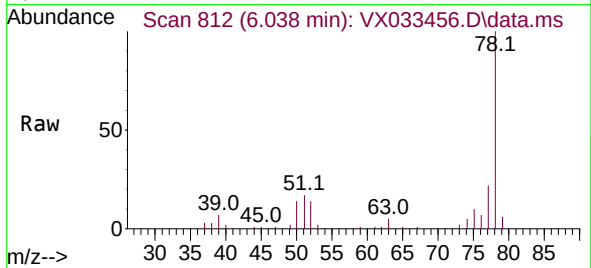
Tgt Ion: 78 Resp: 21159

Ion Ratio Lower Upper

78 100

77 21.4 19.2 28.8

51 14.5 12.6 18.8



#36

1,2-Dichloroethane

Concen: 0.410 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX033456.D

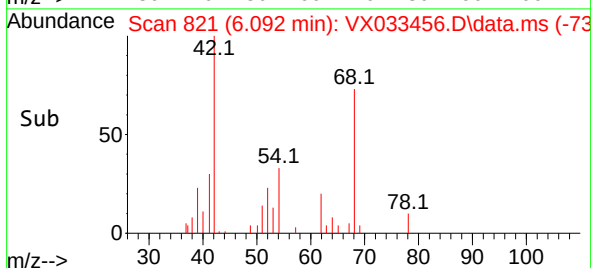
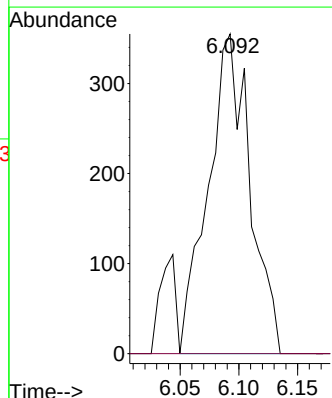
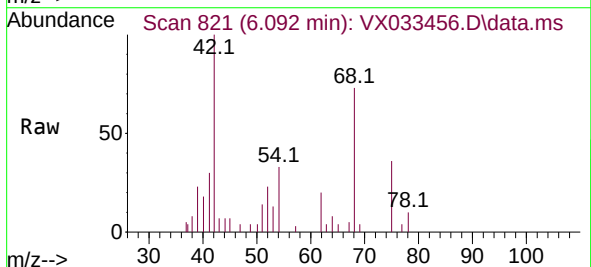
Acq: 16 Dec 2022 13:02

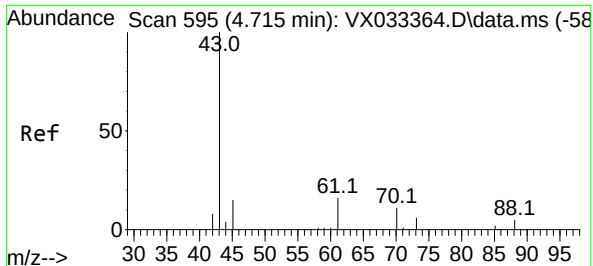
Tgt Ion: 62 Resp: 877

Ion Ratio Lower Upper

62 100

98 0.0 6.4 9.6





#43

Ethyl Acetate

Concen: 3.034 ug/l

RT: 4.678 min Scan# 595

Delta R.T. -0.036 min

Lab File: VX033456.D

Acq: 16 Dec 2022 13:02

Instrument :

MSVOA_X

ClientSampleId :

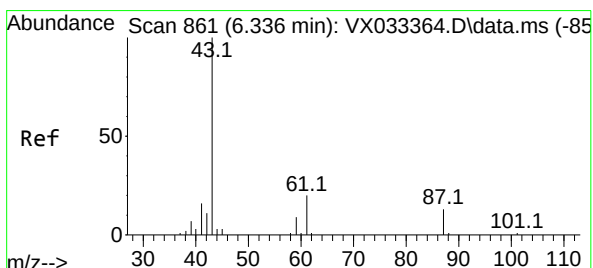
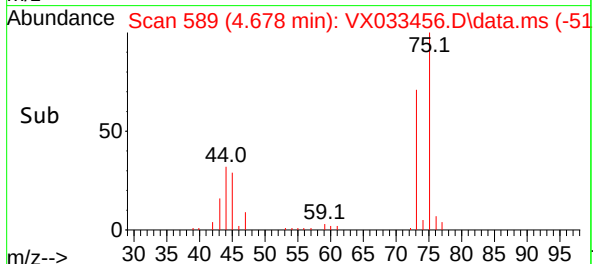
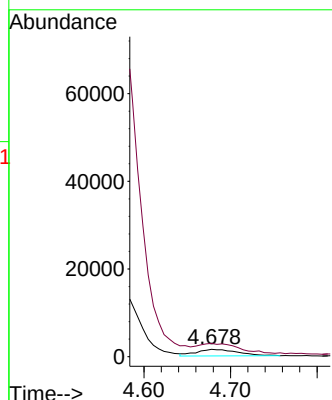
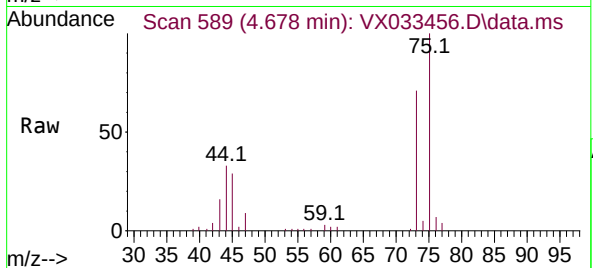
221214029-02-VOA

Tgt Ion: 43 Resp: 4955

Ion Ratio Lower Upper

43 100

45 118.0 12.0 18.0#



#44

Isopropyl Acetate

Concen: 0.487 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX033456.D

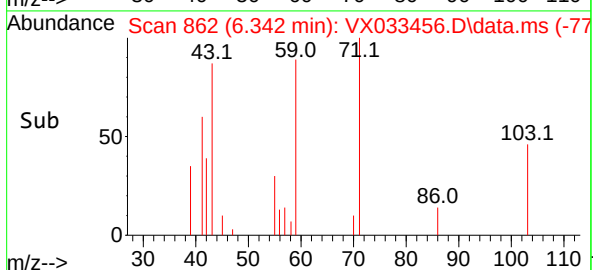
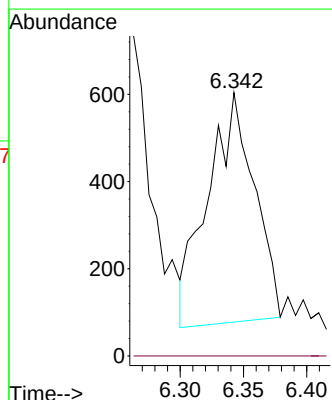
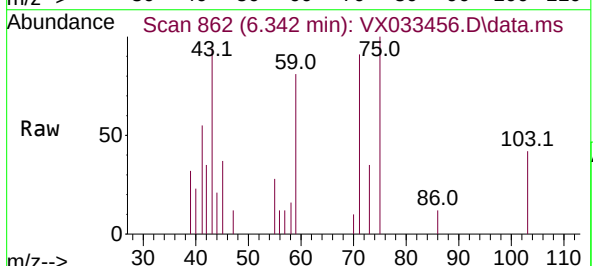
Acq: 16 Dec 2022 13:02

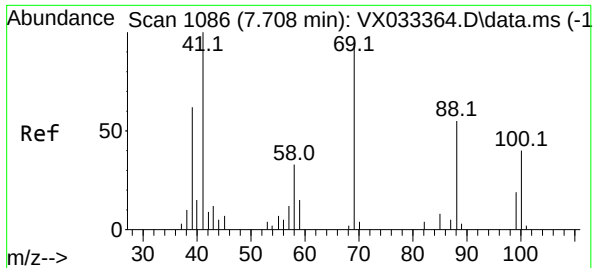
Tgt Ion: 43 Resp: 1350

Ion Ratio Lower Upper

43 100

61 0.0 15.7 23.5#

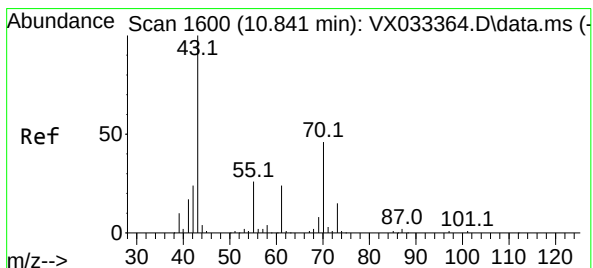
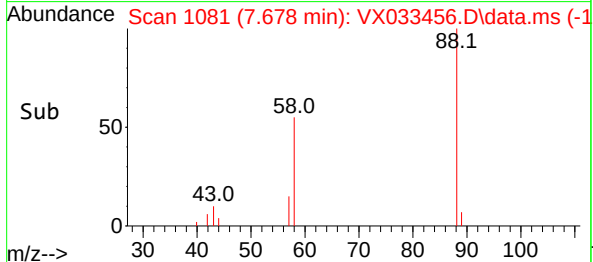
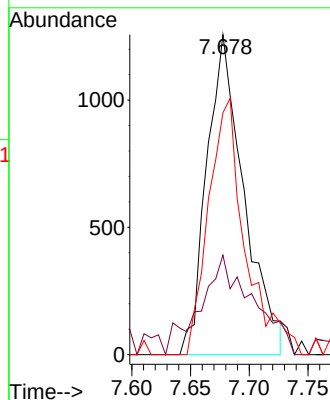
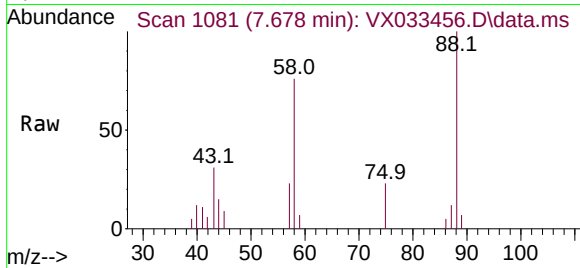




#45
1,4-Dioxane
Concen: 85.351 ug/l
RT: 7.678 min Scan# 1086
Delta R.T. -0.030 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

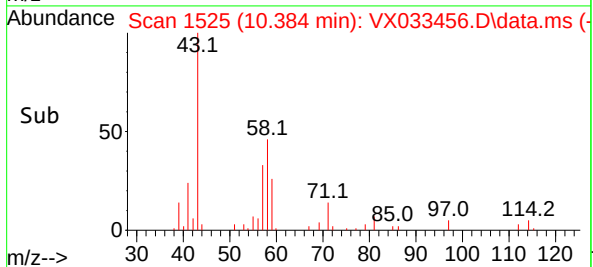
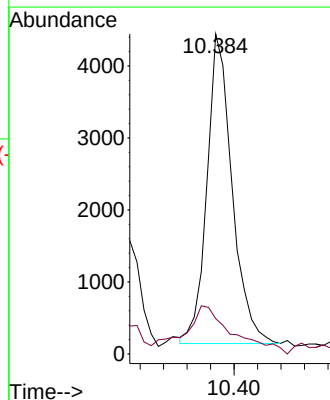
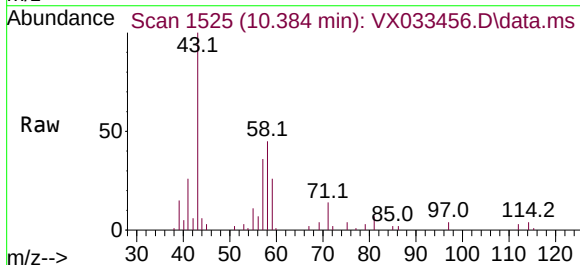
Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

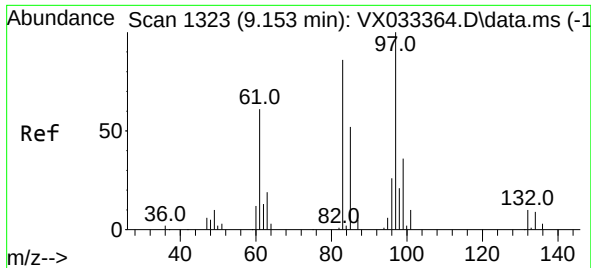
Tgt Ion: 88 Resp: 2772
Ion Ratio Lower Upper
88 100
43 39.6 12.4 18.6#
58 72.9 51.1 76.7



#47
n-amy1 Acetate
Concen: 2.750 ug/l
RT: 10.384 min Scan# 1525
Delta R.T. -0.457 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

Tgt Ion: 43 Resp: 6399
Ion Ratio Lower Upper
43 100
55 25.2 20.6 30.8

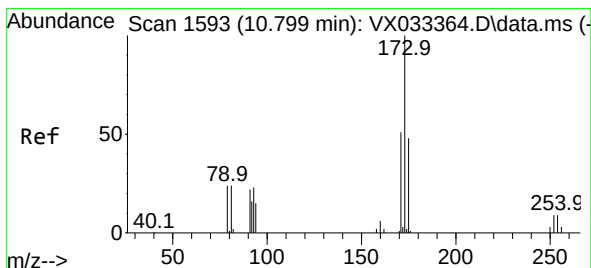
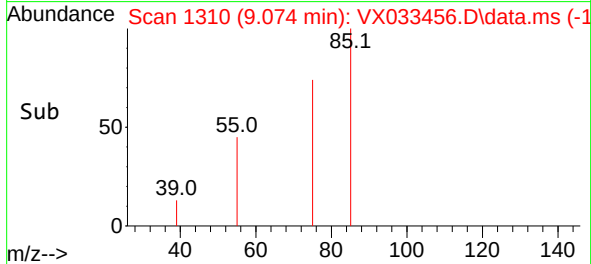
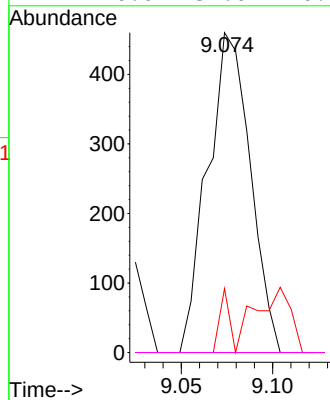
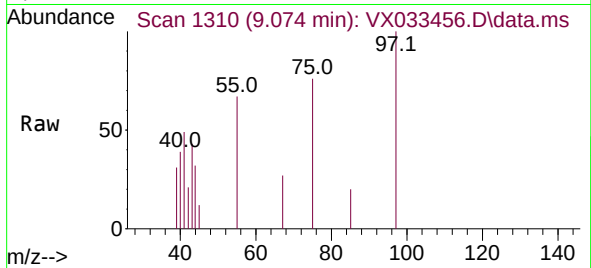




#50
1,1,2-Trichloroethane
Concen: 0.510 ug/l
RT: 9.074 min Scan# 11
Delta R.T. -0.079 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

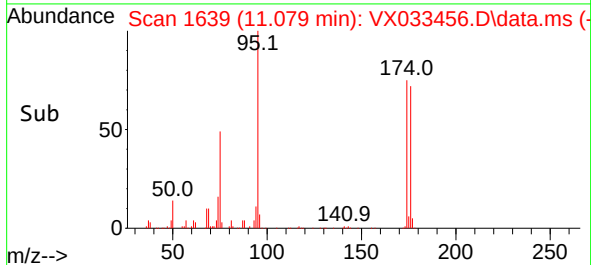
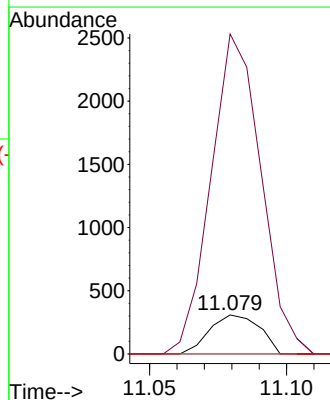
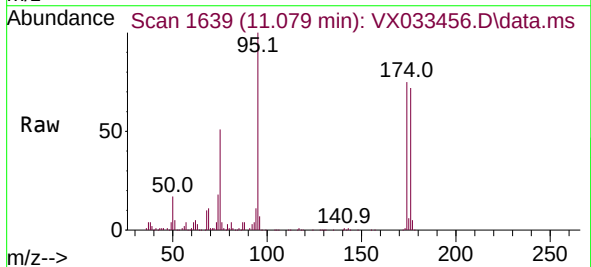
Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

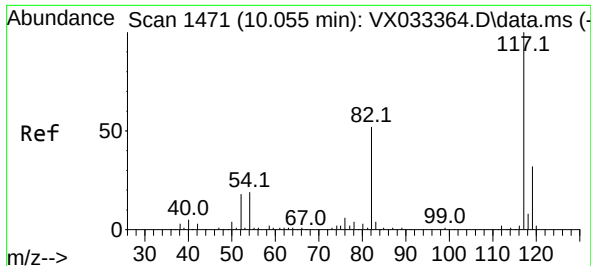
Tgt Ion: 97	Resp:	749	
Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.1	102.1#
85	20.0	43.8	65.6#
99	0.0	51.0	76.6#



#56
Bromoform
Concen: 0.309 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.281 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

Tgt Ion:173	Resp:	394	
Ion	Ratio	Lower	Upper
173	100		
175	818.0	39.6	59.4#
254	0.0	7.1	10.7#

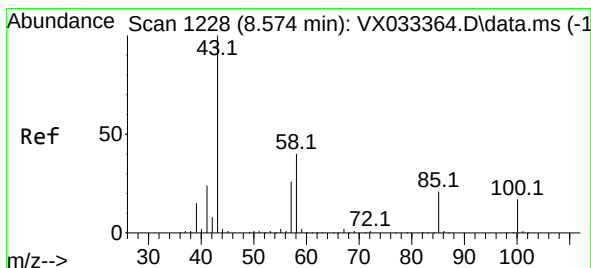
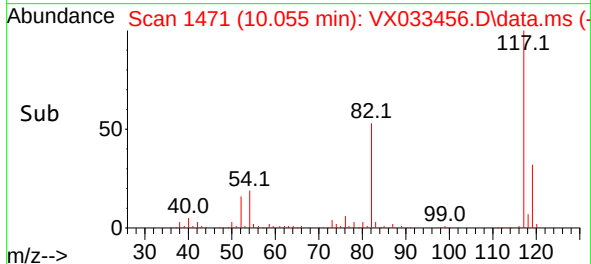
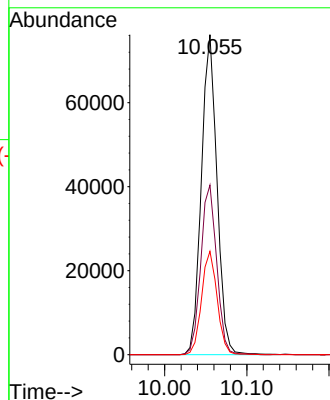
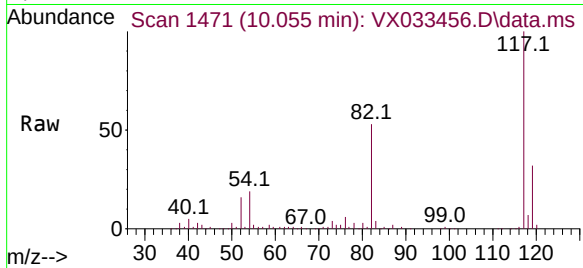




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

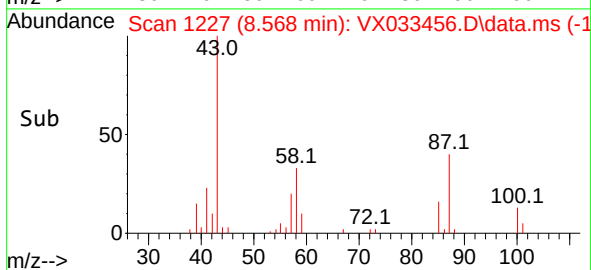
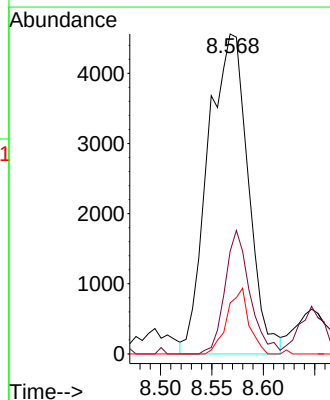
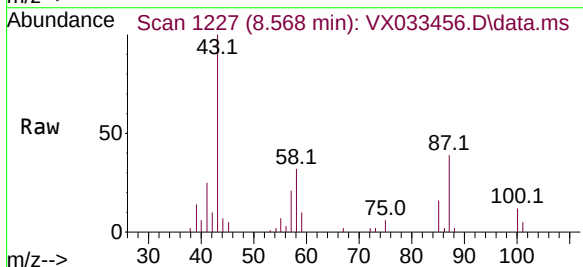
Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

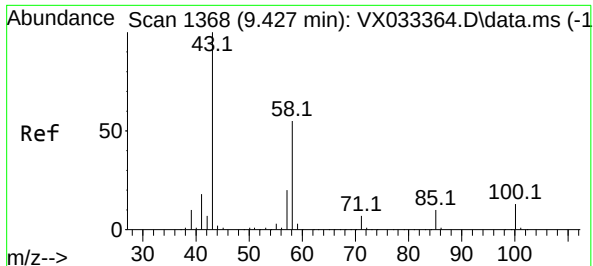
Tgt Ion:117 Resp: 100912
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.2 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 7.577 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

Tgt Ion: 43 Resp: 12364
Ion Ratio Lower Upper
43 100
58 24.1 32.3 48.5#
85 11.2 16.6 24.8#





#59

2-Hexanone

Concen: 1.788 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX033456.D

Acq: 16 Dec 2022 13:02

Instrument :

MSVOA_X

ClientSampleId :

221214029-02-VOA

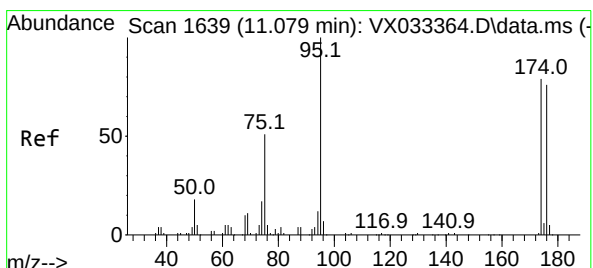
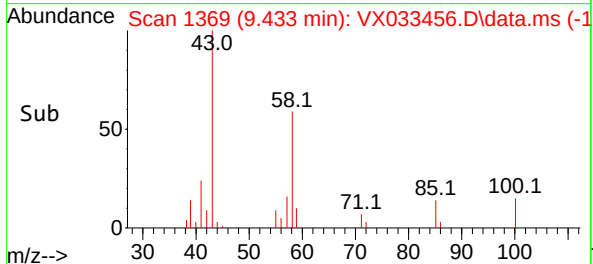
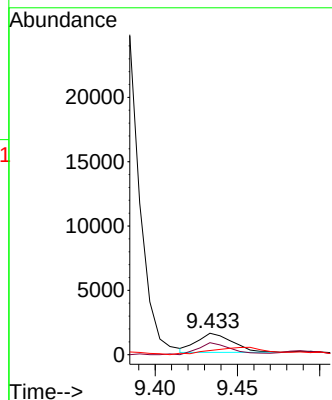
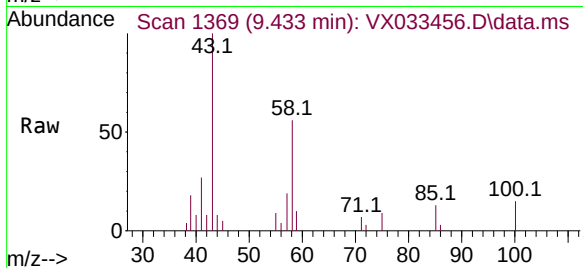
Tgt Ion: 43 Resp: 2231

Ion Ratio Lower Upper

43 100

58 59.1 44.4 66.6

57 62.8 16.2 24.2#



#60

4-Bromofluorobenzene

Concen: 28.597 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033456.D

Acq: 16 Dec 2022 13:02

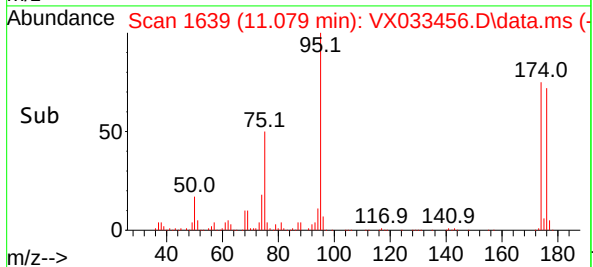
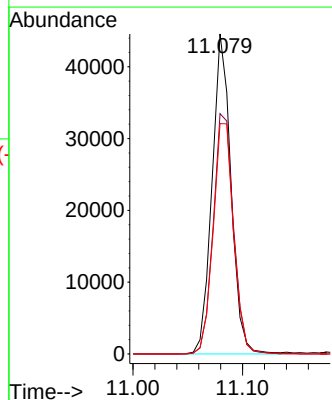
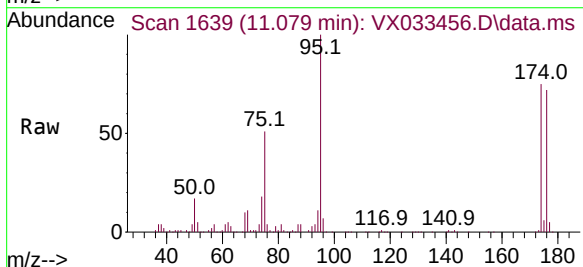
Tgt Ion: 95 Resp: 53448

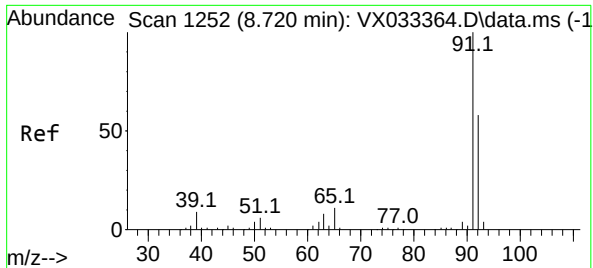
Ion Ratio Lower Upper

95 100

174 80.4 65.9 98.9

176 78.2 63.3 94.9

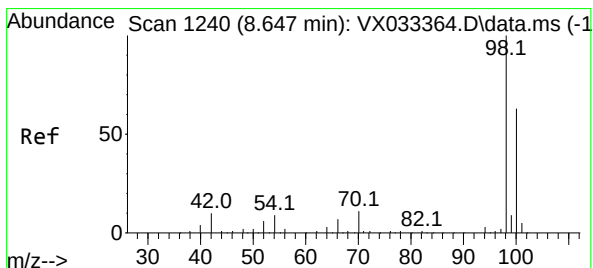
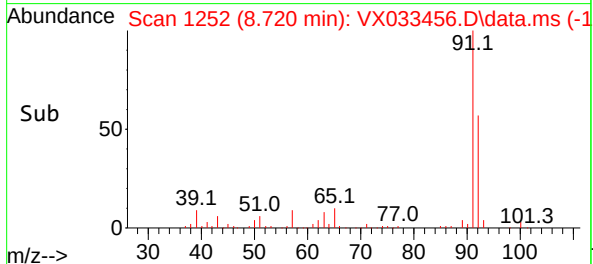
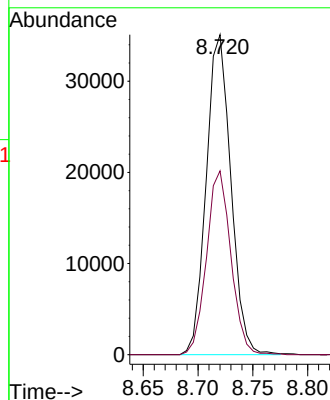
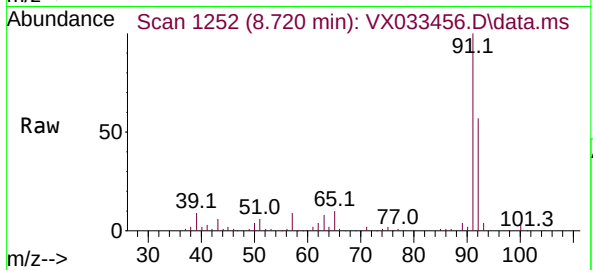




#62
Toluene
Concen: 8.957 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

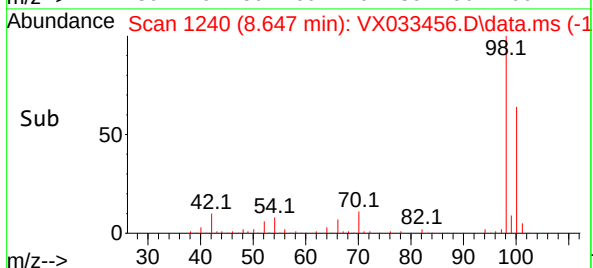
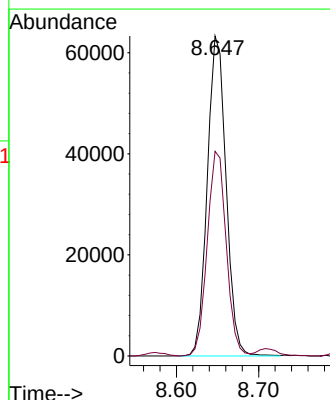
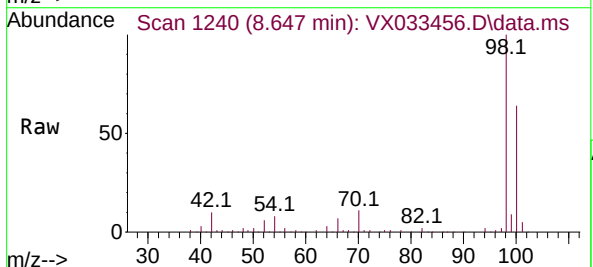
Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

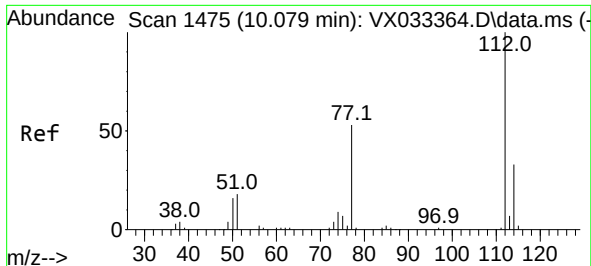
Tgt Ion: 91 Resp: 54866
Ion Ratio Lower Upper
91 100
92 56.8 46.2 69.2



#63
Toluene-d8
Concen: 29.909 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

Tgt Ion: 98 Resp: 100399
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.2

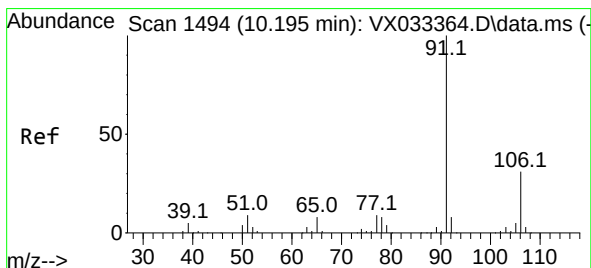
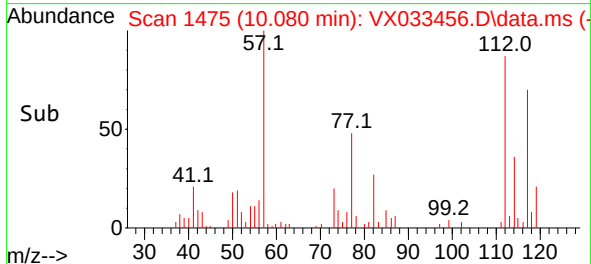
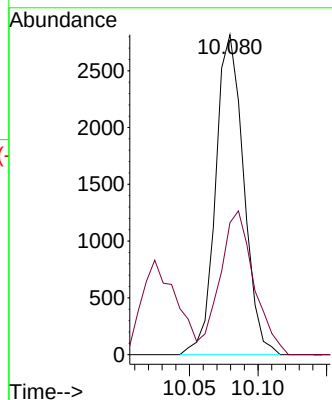
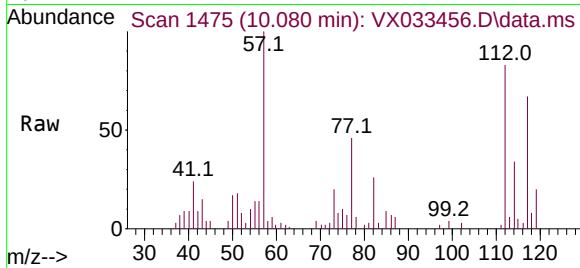




#64
Chlorobenzene
Concen: 1.034 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

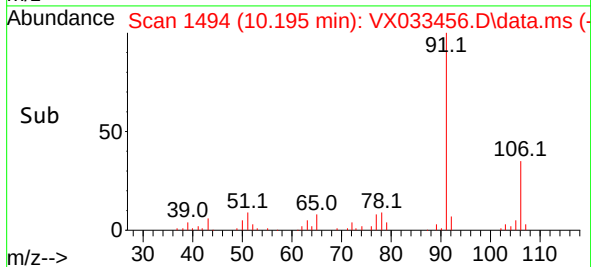
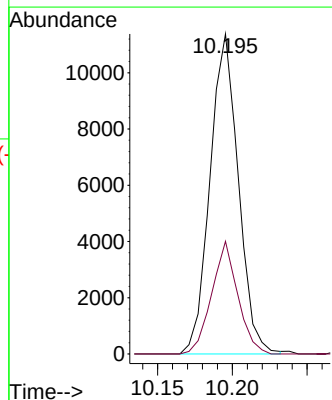
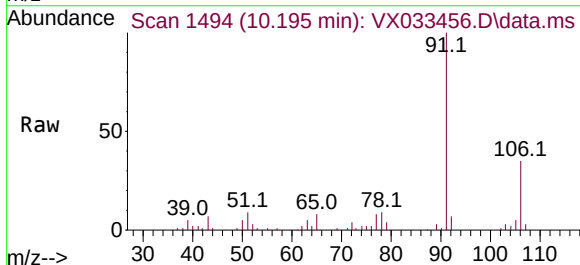
Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

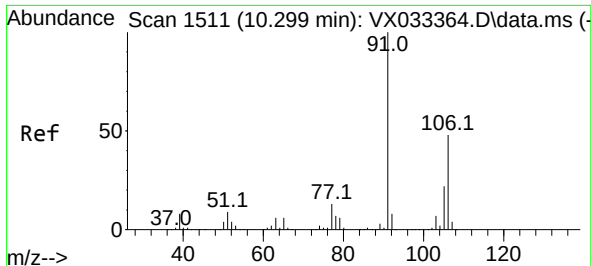
Tgt Ion:112 Resp: 4008
Ion Ratio Lower Upper
112 100
114 38.2 26.2 39.2



#66
Ethyl Benzene
Concen: 2.171 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

Tgt Ion: 91 Resp: 14985
Ion Ratio Lower Upper
91 100
106 35.2 24.8 37.2





#67

m/p-Xylenes

Concen: 8.381 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX033456.D

Acq: 16 Dec 2022 13:02

Instrument :

MSVOA_X

ClientSampleId :

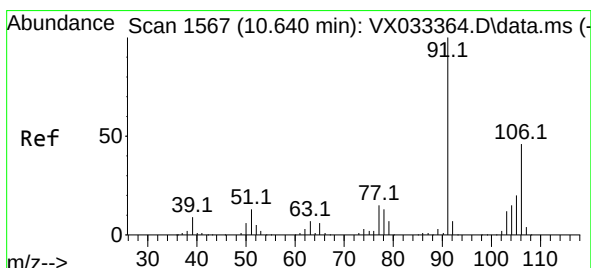
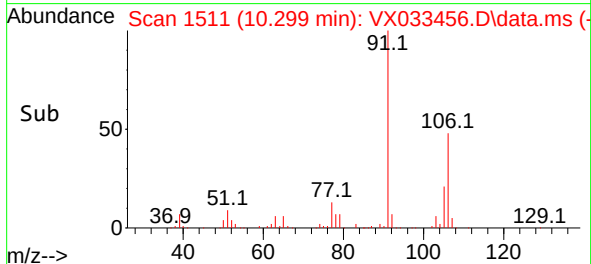
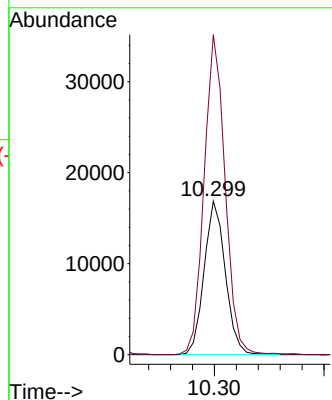
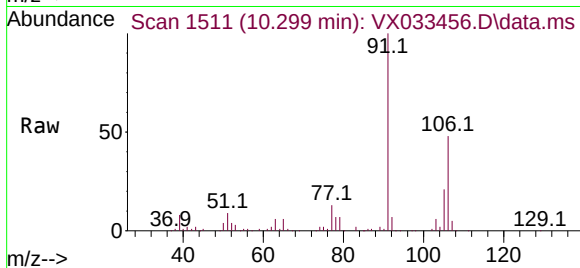
221214029-02-VOA

Tgt Ion:106 Resp: 22612

Ion Ratio Lower Upper

106 100

91 206.7 165.4 248.2



#68

o-Xylene

Concen: 6.013 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX033456.D

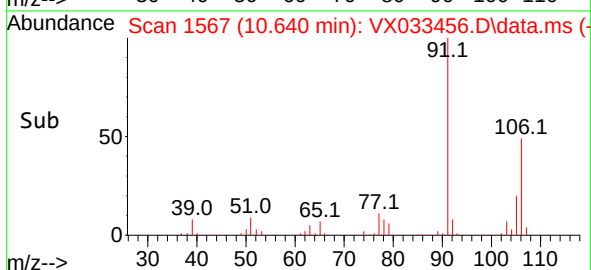
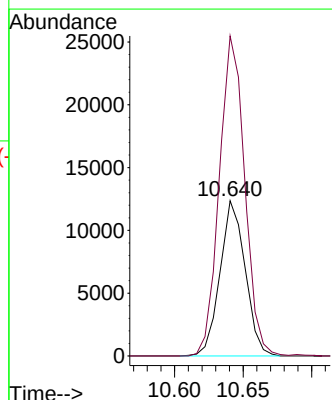
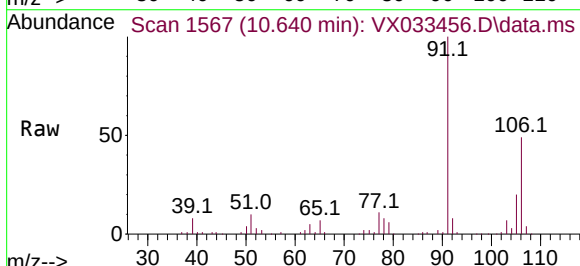
Acq: 16 Dec 2022 13:02

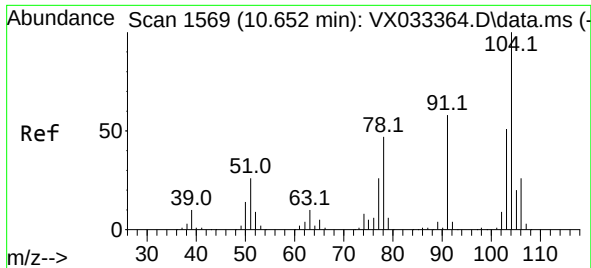
Tgt Ion:106 Resp: 15806

Ion Ratio Lower Upper

106 100

91 207.8 108.0 324.0

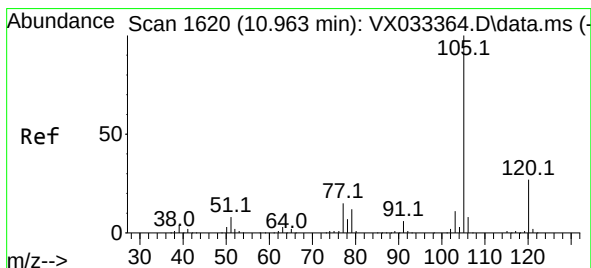
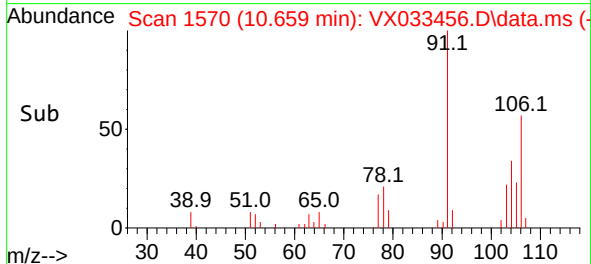
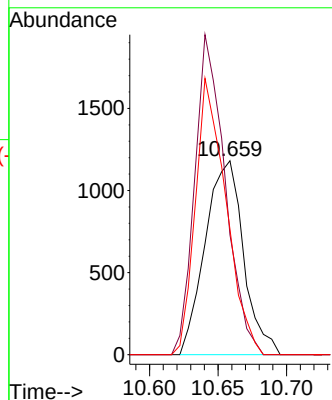
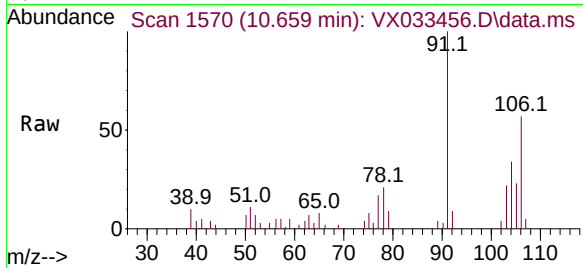




#69
Styrene
Concen: 0.527 ug/l
RT: 10.659 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

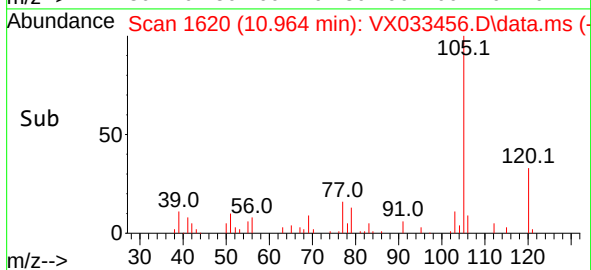
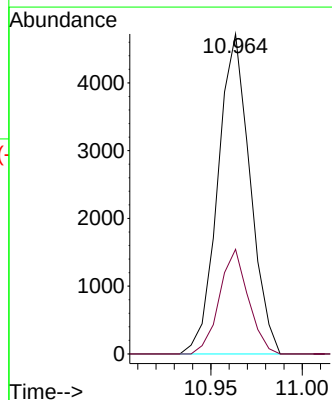
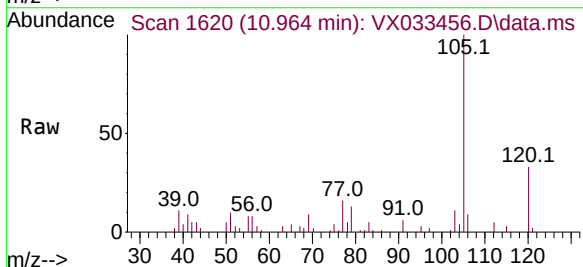
Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

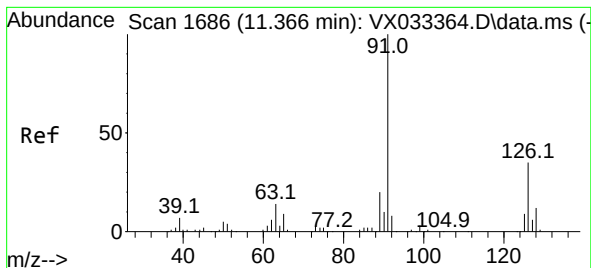
Tgt Ion:104 Resp: 2300
Ion Ratio Lower Upper
104 100
78 130.7 40.0 60.0#
103 113.6 43.9 65.9#



#70
Isopropylbenzene
Concen: 0.829 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

Tgt Ion:105 Resp: 5786
Ion Ratio Lower Upper
105 100
120 29.3 18.1 33.7





#75

2-Chlorotoluene

Concen: 0.435 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX033456.D

Acq: 16 Dec 2022 13:02

Instrument :

MSVOA_X

ClientSampleId :

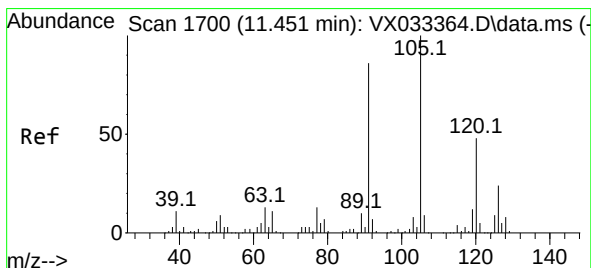
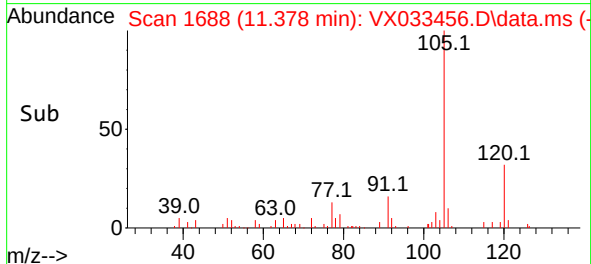
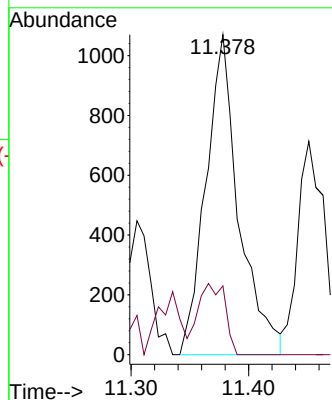
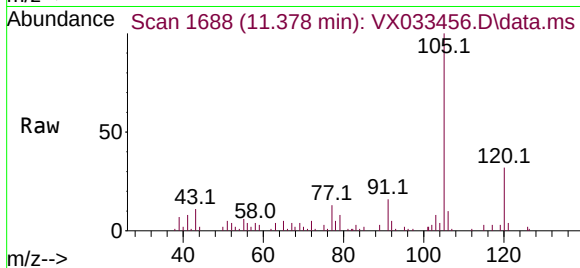
221214029-02-VOA

Tgt Ion: 91 Resp: 2088

Ion Ratio Lower Upper

91 100

126 9.1 0.0 68.6



#76

1,3,5-Trimethylbenzene

Concen: 0.948 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX033456.D

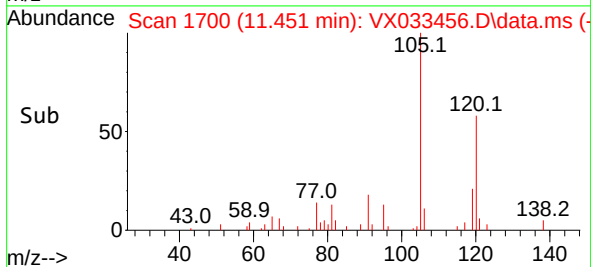
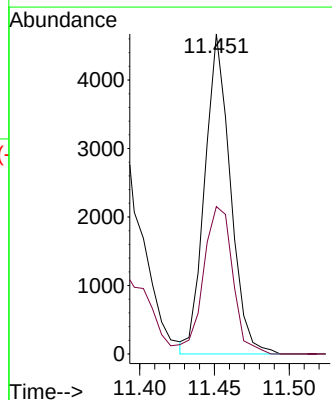
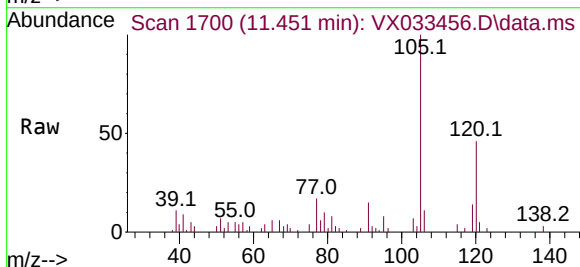
Acq: 16 Dec 2022 13:02

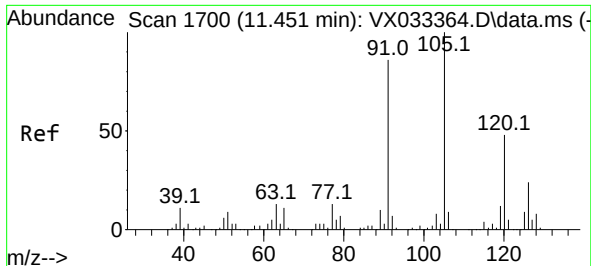
Tgt Ion: 105 Resp: 5562

Ion Ratio Lower Upper

105 100

120 53.3 0.0 96.2

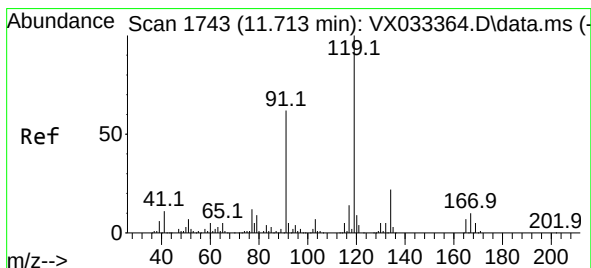
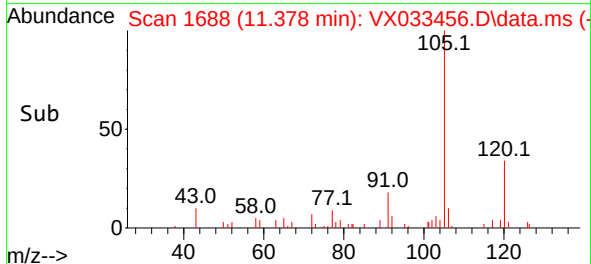
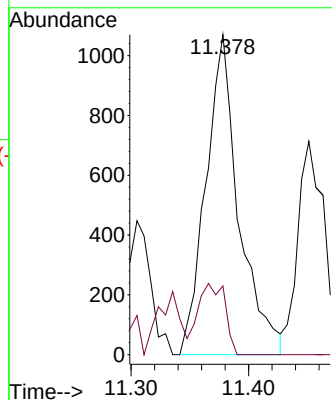
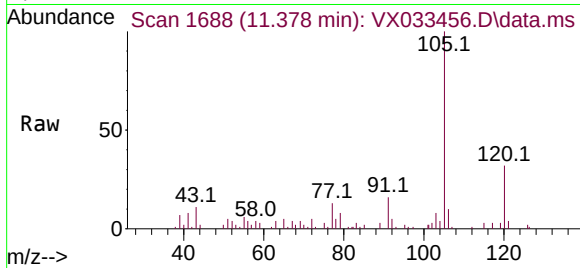




#78
4-Chlorotoluene
Concen: 0.379 ug/l
RT: 11.378 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

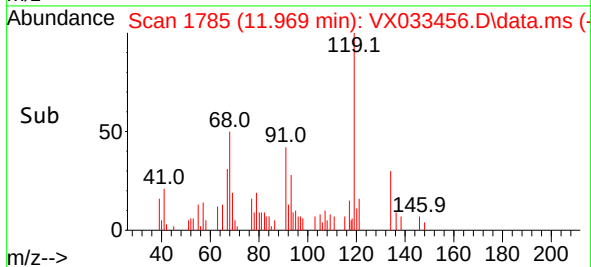
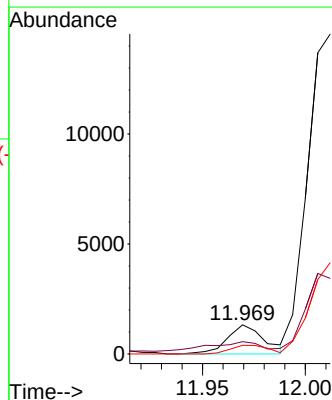
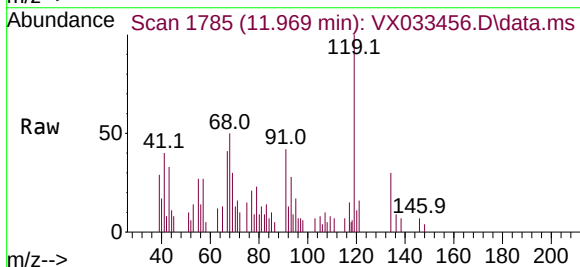
Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

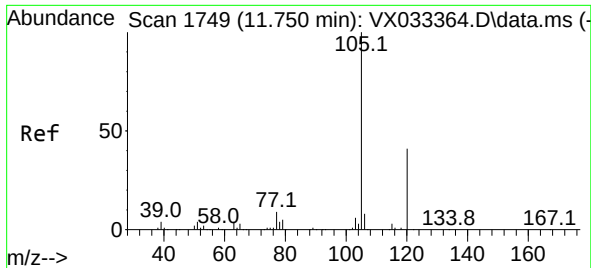
Tgt Ion: 91 Resp: 2088
Ion Ratio Lower Upper
91 100
126 9.1 0.0 59.4



#79
tert-butylbenzene
Concen: 0.283 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.256 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

Tgt Ion: 119 Resp: 1647
Ion Ratio Lower Upper
119 100
91 34.5 0.0 117.0
134 30.7 0.0 44.4

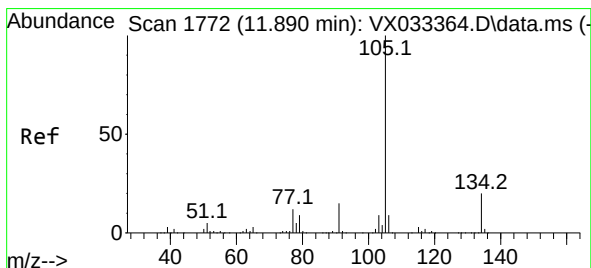
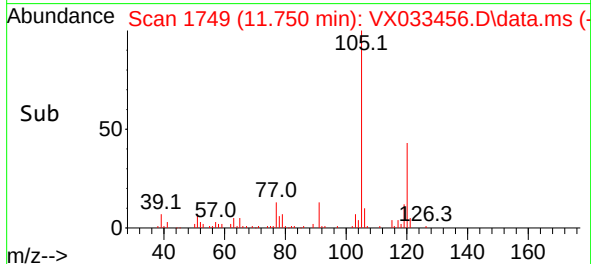
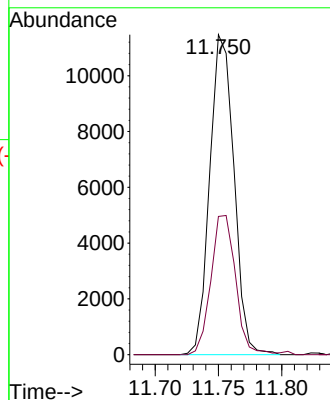
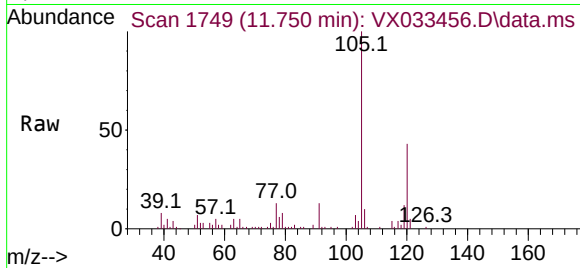




#80
 1,2,4-Trimethylbenzene
 Concen: 2.651 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033456.D
 Acq: 16 Dec 2022 13:02

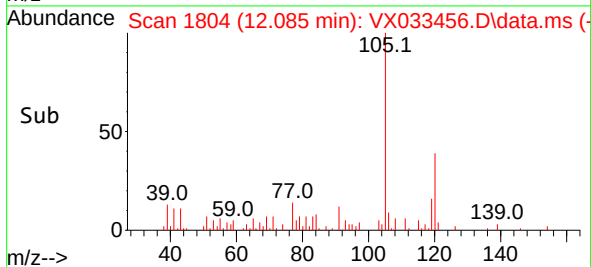
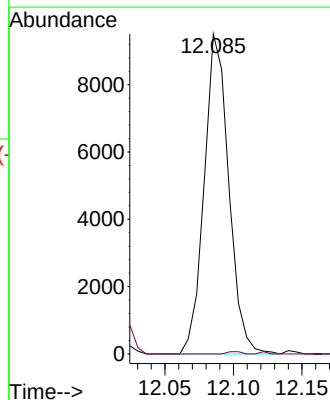
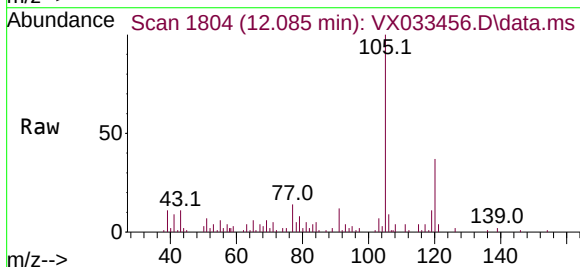
Instrument :
 MSVOA_X
 ClientSampleId :
 221214029-02-VOA

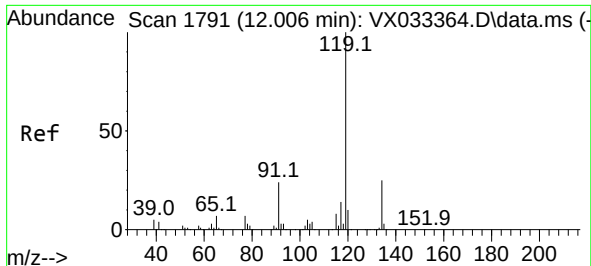
Tgt Ion:105 Resp: 15284
 Ion Ratio Lower Upper
 105 100
 120 44.2 0.0 86.8



#81
 sec-Butylbenzene
 Concen: 1.700 ug/l
 RT: 12.085 min Scan# 1804
 Delta R.T. 0.195 min
 Lab File: VX033456.D
 Acq: 16 Dec 2022 13:02

Tgt Ion:105 Resp: 11874
 Ion Ratio Lower Upper
 105 100
 134 0.4 0.0 39.8





#82

p-Isopropyltoluene

Concen: 3.041 ug/l

RT: 12.012 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VX033456.D

Acq: 16 Dec 2022 13:02

Instrument :

MSVOA_X

ClientSampleId :

221214029-02-VOA

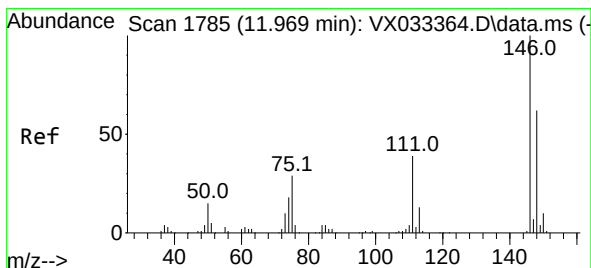
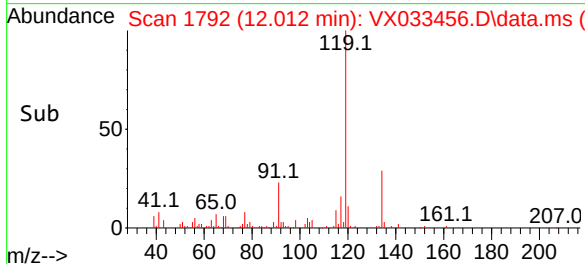
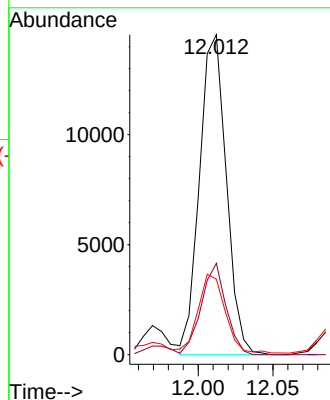
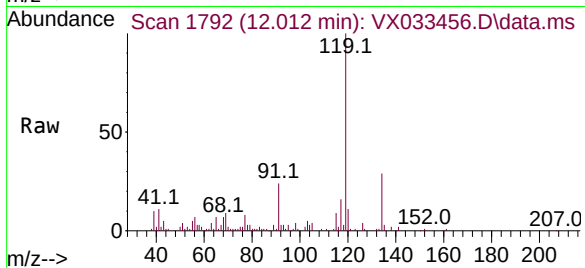
Tgt Ion:119 Resp: 18118

Ion Ratio Lower Upper

119 100

134 26.4 0.0 52.6

91 25.4 0.0 47.2



#83

1,3-Dichlorobenzene

Concen: 3.050 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.073 min

Lab File: VX033456.D

Acq: 16 Dec 2022 13:02

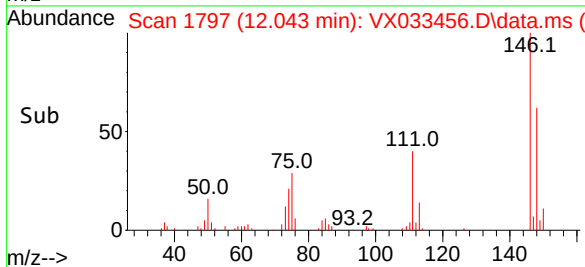
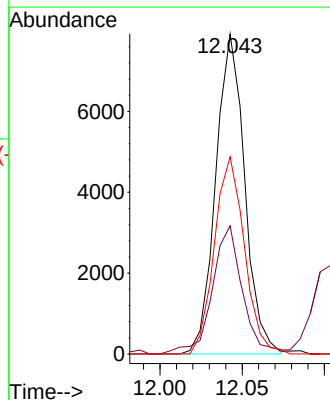
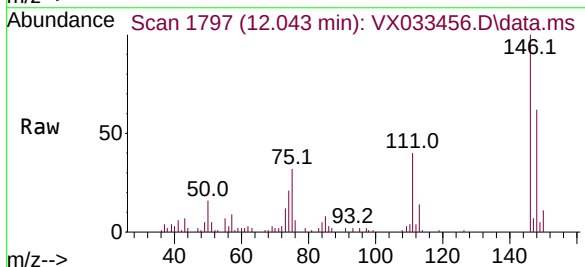
Tgt Ion:146 Resp: 9687

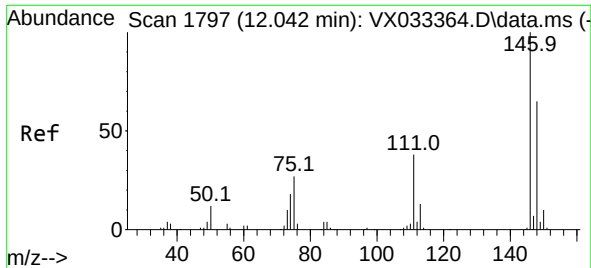
Ion Ratio Lower Upper

146 100

111 41.4 20.1 60.3

148 63.8 31.3 93.9

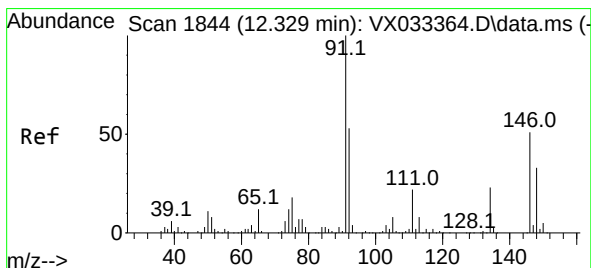
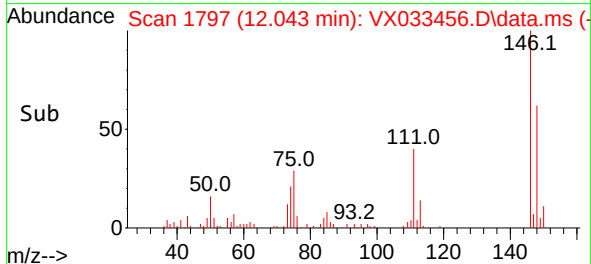
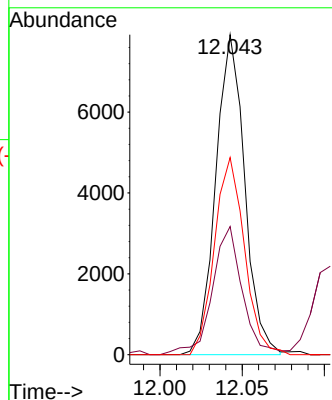
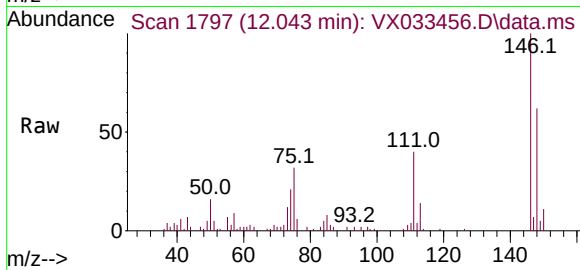




#84
1,4-Dichlorobenzene
Concen: 3.030 ug/l
RT: 12.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

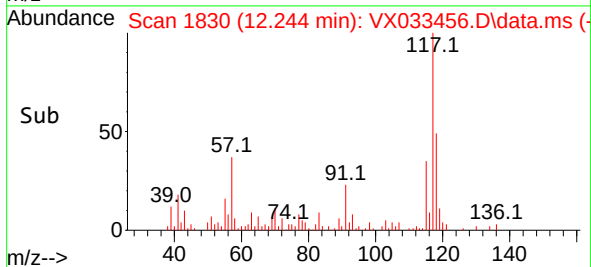
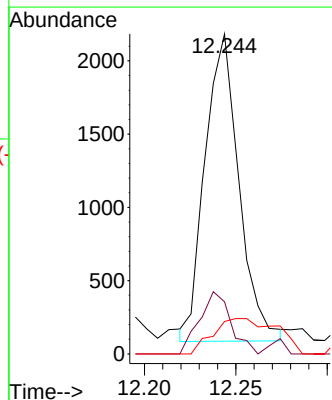
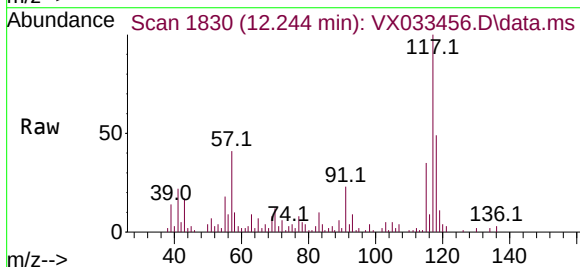
Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

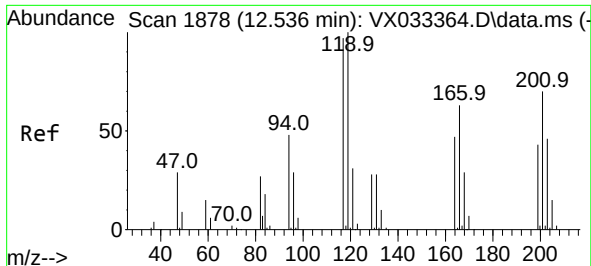
Tgt Ion:146 Resp: 9687
Ion Ratio Lower Upper
146 100
111 41.4 19.1 57.1
148 63.8 32.2 96.6



#85
n-Butylbenzene
Concen: 0.546 ug/l
RT: 12.244 min Scan# 1830
Delta R.T. -0.085 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

Tgt Ion: 91 Resp: 2714
Ion Ratio Lower Upper
91 100
92 18.7 0.0 106.8
134 15.0 0.0 51.8

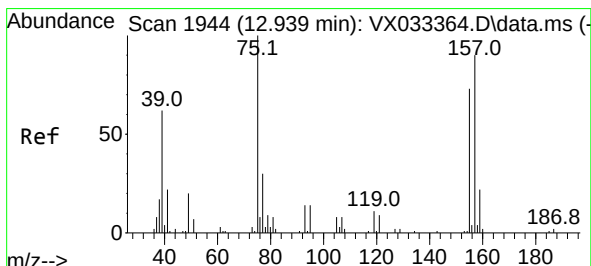
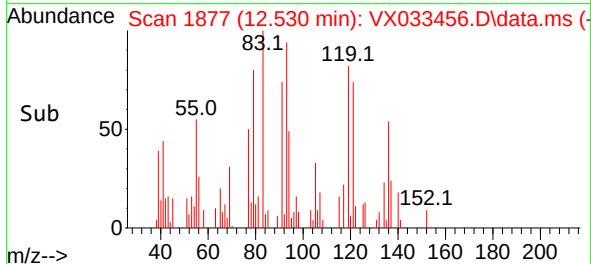
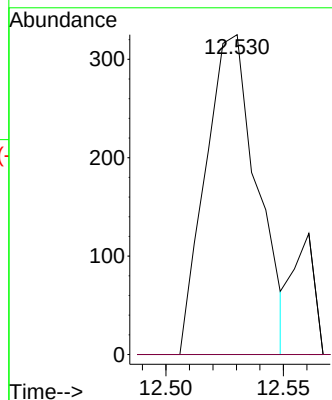
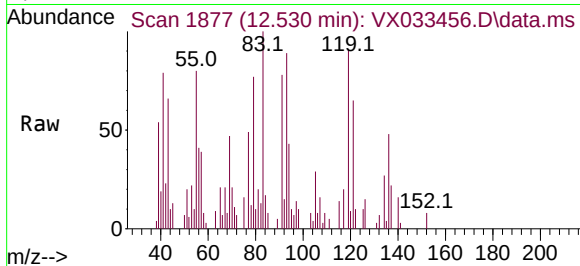




#86
Hexachloroethane
Concen: 0.470 ug/l
RT: 12.530 min Scan# 117
Delta R.T. -0.006 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

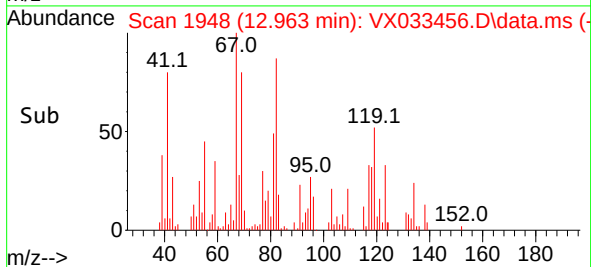
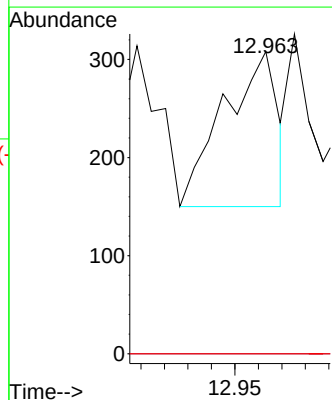
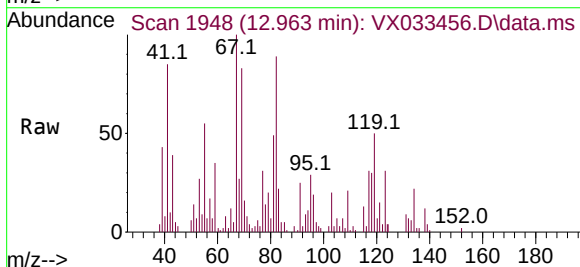
Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

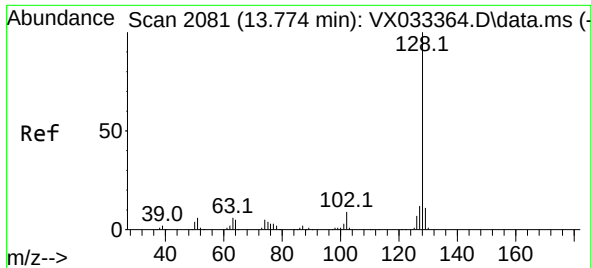
Tgt Ion:117 Resp: 497
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#88
1,2-Dibromo-3-Chloropropane
Concen: 0.561 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.024 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

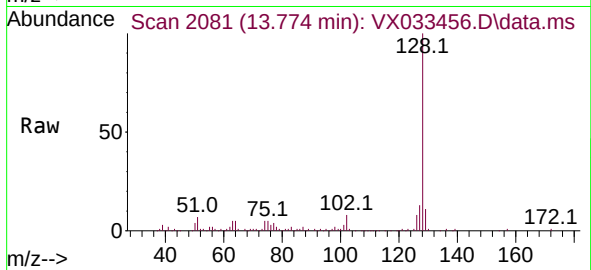
Tgt Ion: 75 Resp: 252
Ion Ratio Lower Upper
75 100
155 0.0 69.6 104.4#
157 0.0 84.8 127.2#





#91
Naphthalene
Concen: 11.007 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033456.D
Acq: 16 Dec 2022 13:02

Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA



Tgt Ion:128 Resp: 68879
Ion Ratio Lower Upper
128 100
127 12.9 9.9 14.9
129 11.0 8.8 13.2

