

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031522\
 Data File : VX027453.D
 Acq On : 15 Mar 2022 17:32
 Operator : JC/MD
 Sample : N1950-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31424

Quant Time: Mar 16 04:20:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

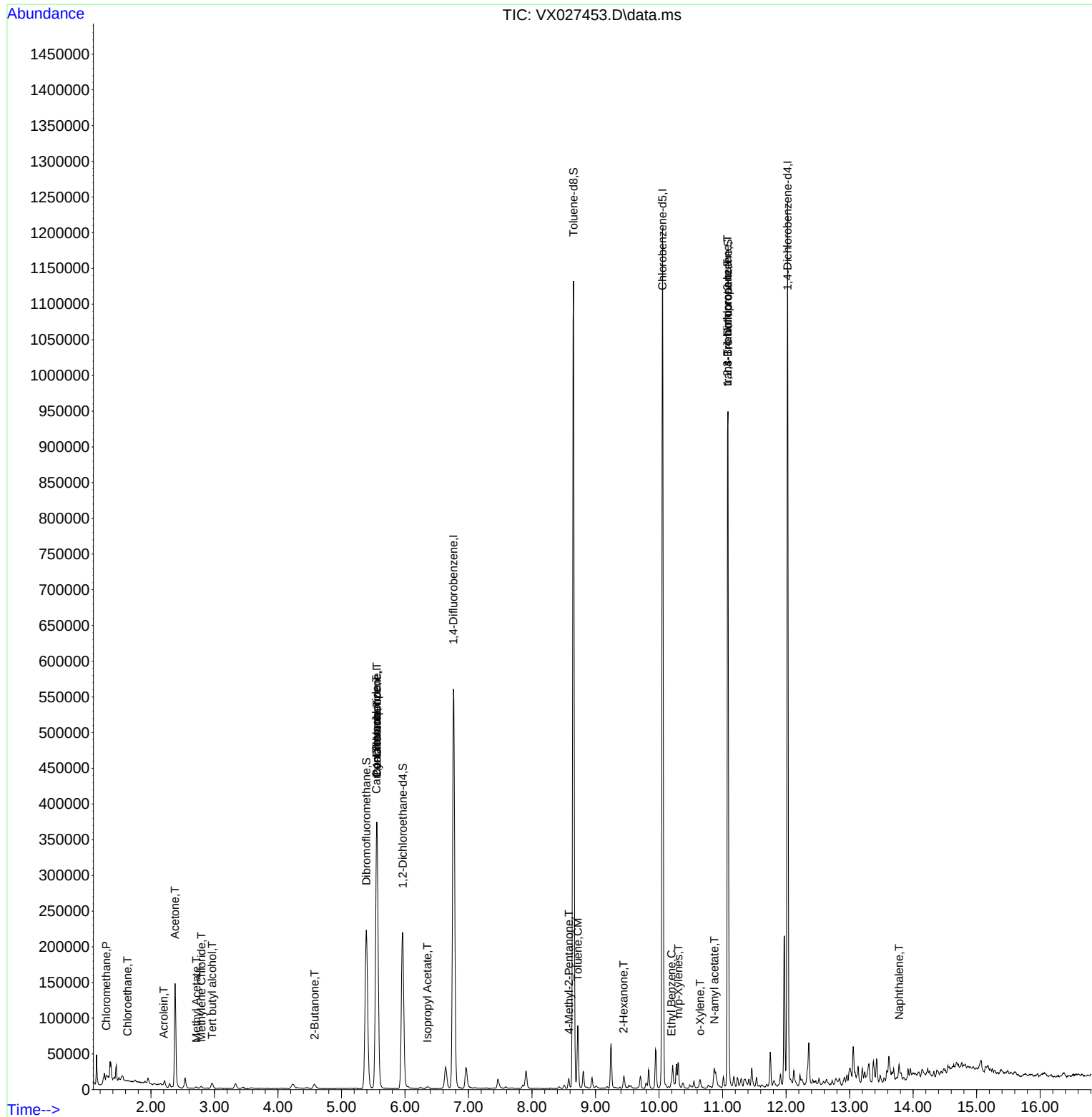
Internal Standards						
1) Pentafluorobenzene	5.556	168	366168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	595804	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	555735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	258786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	222195	52.035	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.080%	
35) Dibromofluoromethane	5.391	113	193857	50.425	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.840%	
50) Toluene-d8	8.653	98	704022	48.506	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.020%	
62) 4-Bromofluorobenzene	11.085	95	264633	47.839	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.680%	
Target Compounds						Qvalue
3) Chloromethane	1.295	50	1376	0.349	ug/l	88
5) Bromomethane	1.612	94	829	Below Cal	#	71
6) Chloroethane	1.630	64	313	0.575	ug/l #	69
11) Tert butyl alcohol	2.965	59	8102	9.679	ug/l #	93
13) Acrolein	2.203	56	161	0.274	ug/l #	1
16) Acetone	2.380	43	151238	89.533	ug/l	94
18) Methyl Acetate	2.715	43	1706	0.363	ug/l	92
20) Methylene Chloride	2.794	84	1204	0.289	ug/l #	69
25) 2-Butanone	4.574	43	10135	3.446	ug/l	96
31) Cyclohexane	5.556	56	6567	1.099	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	25708	4.816	ug/l #	50
38) Carbon Tetrachloride	5.550	117	37242	6.747	ug/l #	16
43) Isopropyl Acetate	6.355	43	3333	0.393	ug/l #	78
51) 4-Methyl-2-Pentanone	8.580	43	8186	1.442	ug/l	93
52) Toluene	8.720	92	32471	3.133	ug/l	97
59) 2-Hexanone	9.439	43	4524	1.031	ug/l	70
67) Ethyl Benzene	10.195	91	4869	0.241	ug/l	90
68) m/p-Xylenes	10.305	106	8351	1.056	ug/l	99
69) o-Xylene	10.646	106	2381	0.305	ug/l	91
74) N-amyl acetate	10.872	43	24008	3.471	ug/l #	57
76) 1,2,3-Trichloropropane	11.079	75	128911	22.704	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	128911	73.428	ug/l #	15
95) Naphthalene	13.780	128	12408	0.636	ug/l	98

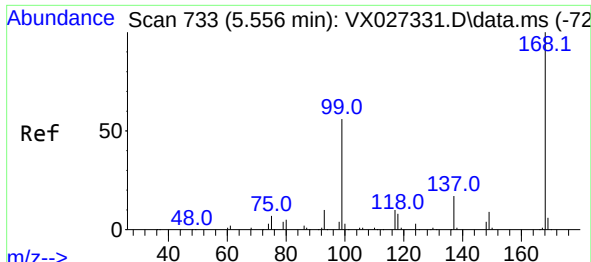
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031522\
Data File : VX027453.D
Acq On : 15 Mar 2022 17:32
Operator : JC/MD
Sample : N1950-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31424

Quant Time: Mar 16 04:20:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration

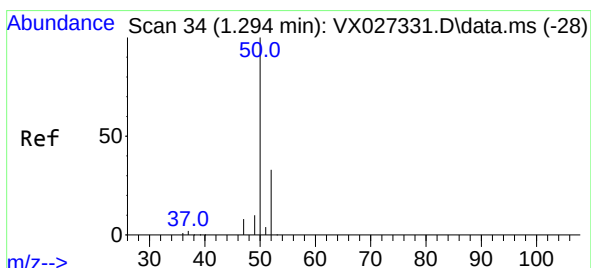
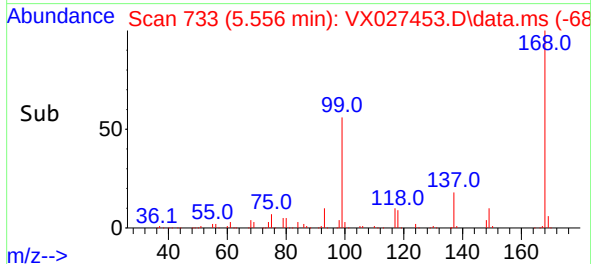
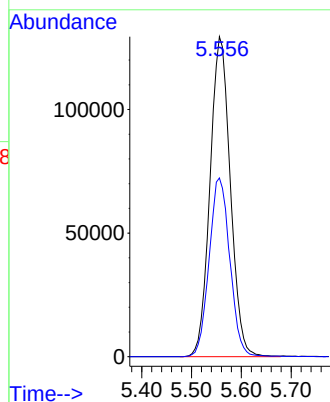
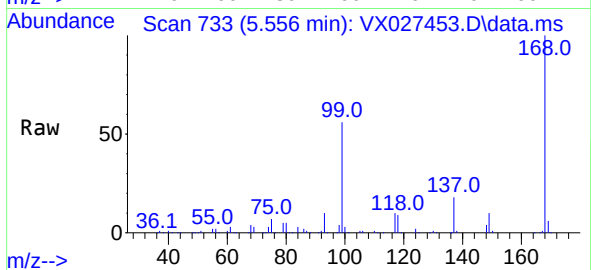




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

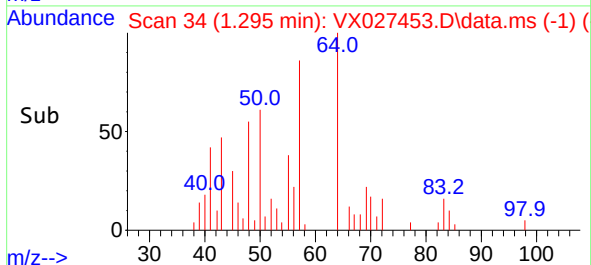
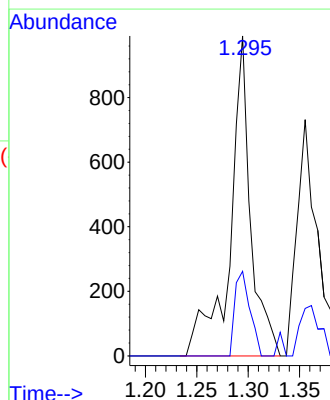
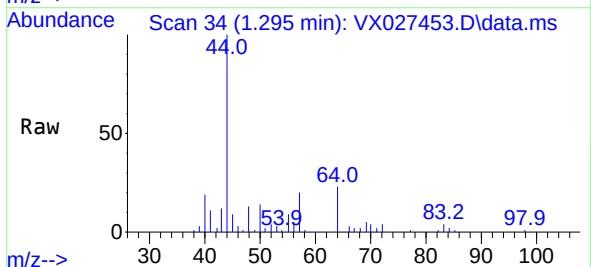
Instrument :
MSVOA_X
ClientSampleId :
31424

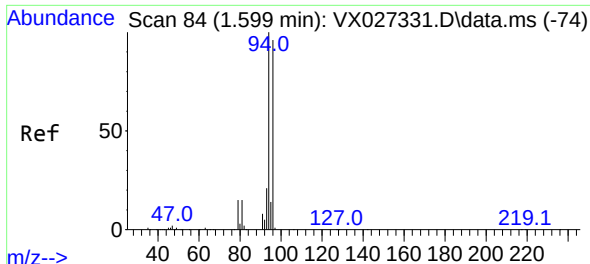
Tgt Ion:168 Resp: 366168
Ion Ratio Lower Upper
168 100
99 55.9 41.7 62.5



#3
Chloromethane
Concen: 0.349 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

Tgt Ion: 50 Resp: 1376
Ion Ratio Lower Upper
50 100
52 26.4 26.4 39.6

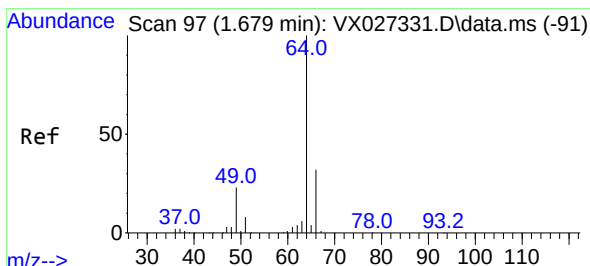
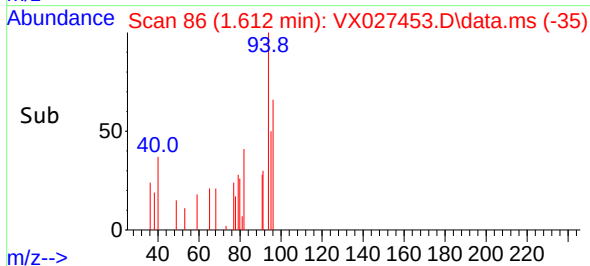
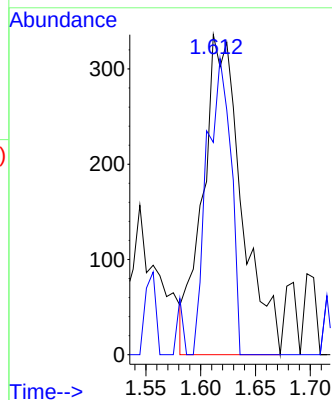
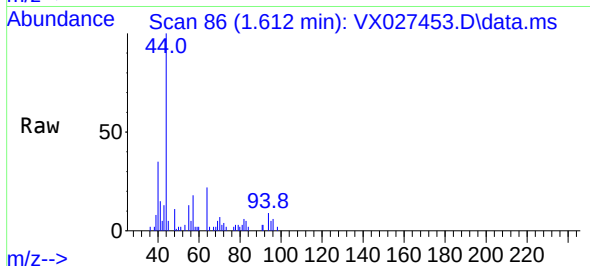




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

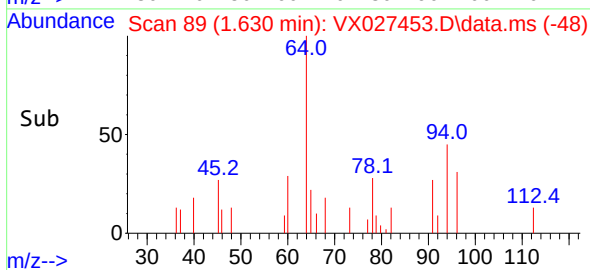
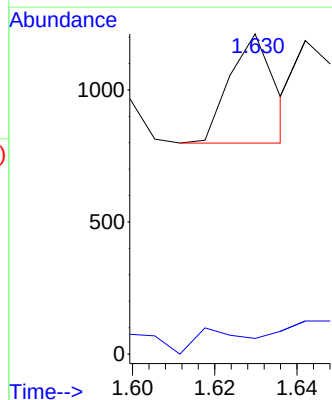
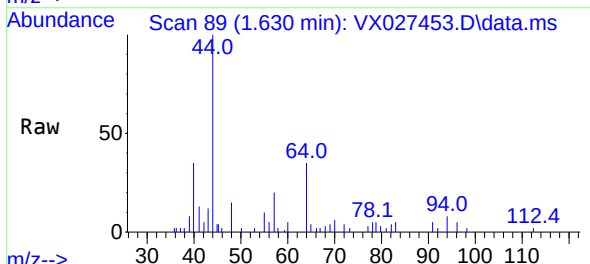
Instrument :
MSVOA_X
Client Sampled :
31424

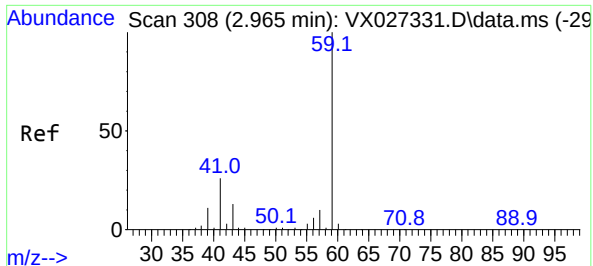
Tgt Ion: 94 Resp: 829
Ion Ratio Lower Upper
94 100
96 66.4 75.3 112.9#



#6
Chloroethane
Concen: 0.575 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.049 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

Tgt Ion: 64 Resp: 313
Ion Ratio Lower Upper
64 100
66 14.3 25.3 37.9#

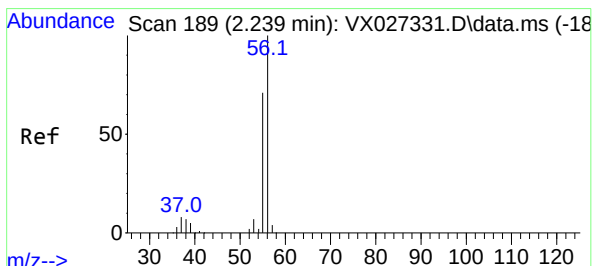
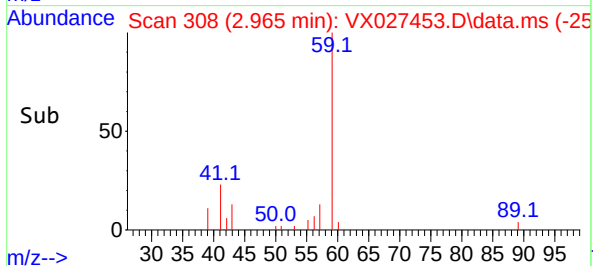
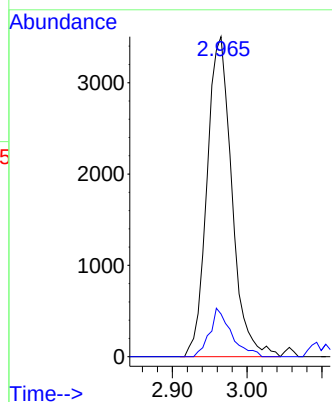
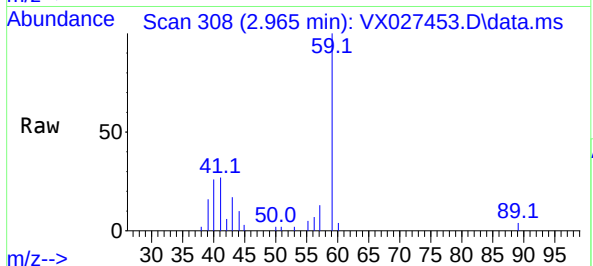




#11
Tert butyl alcohol
Concen: 9.679 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

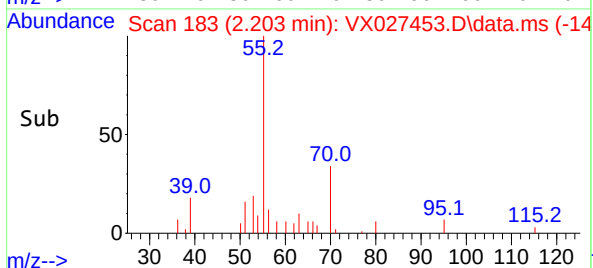
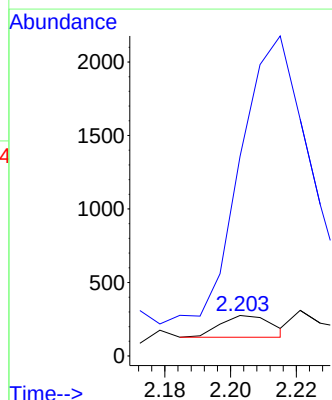
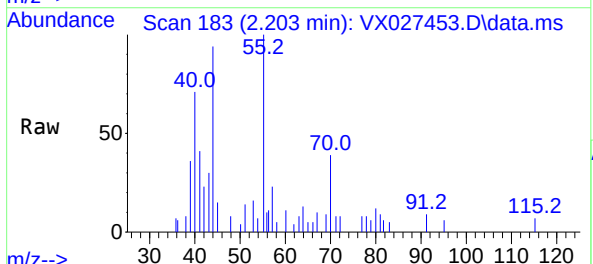
Instrument :
MSVOA_X
ClientSampleId :
31424

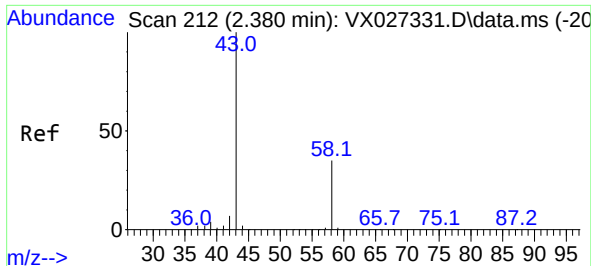
Tgt Ion: 59 Resp: 8102
Ion Ratio Lower Upper
59 100
57 13.1 8.3 12.5#



#13
Acrolein
Concen: 0.274 ug/l
RT: 2.203 min Scan# 183
Delta R.T. -0.036 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

Tgt Ion: 56 Resp: 161
Ion Ratio Lower Upper
56 100
55 2234.2 55.0 82.6#

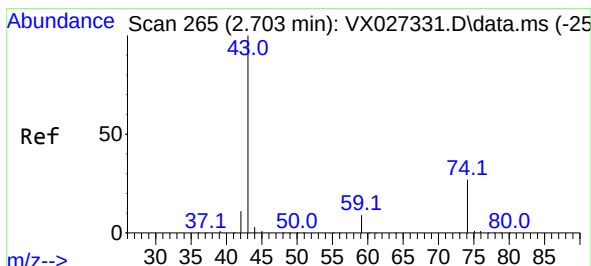
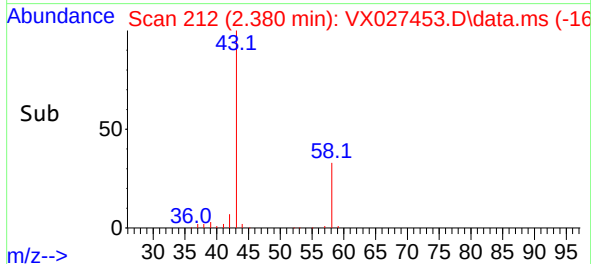
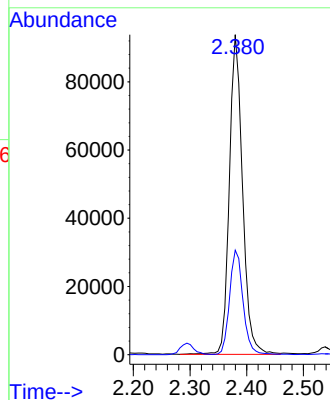
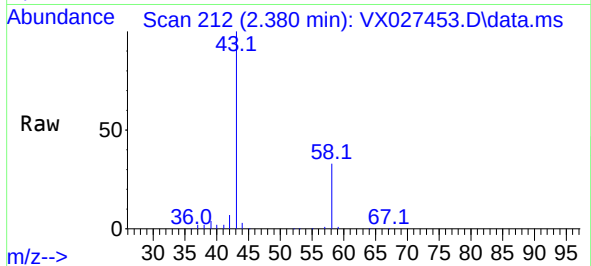




#16
Acetone
Concen: 89.533 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

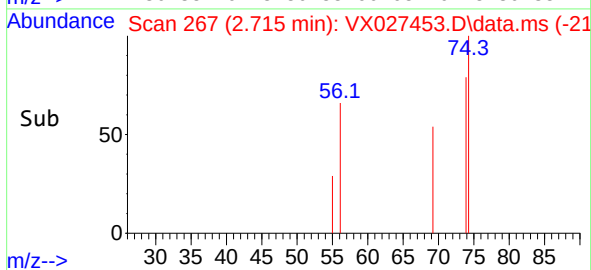
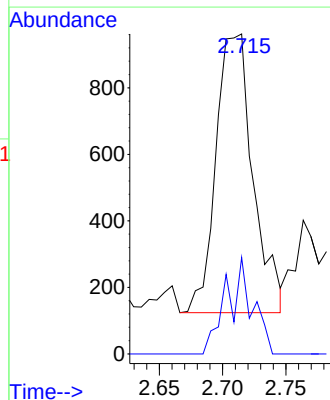
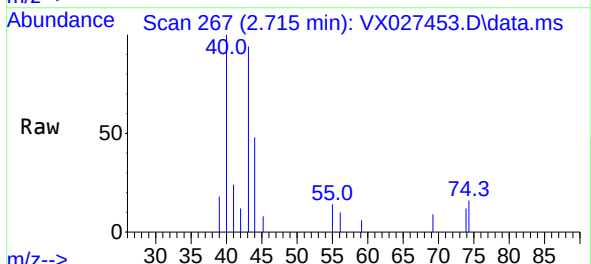
Instrument :
MSVOA_X
ClientSampleId :
31424

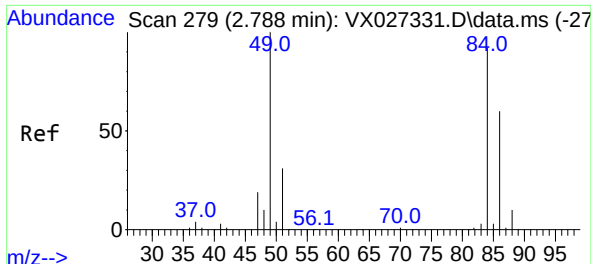
Tgt Ion: 43 Resp: 151238
Ion Ratio Lower Upper
43 100
58 32.5 28.8 43.2



#18
Methyl Acetate
Concen: 0.363 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

Tgt Ion: 43 Resp: 1706
Ion Ratio Lower Upper
43 100
74 24.2 22.8 34.2

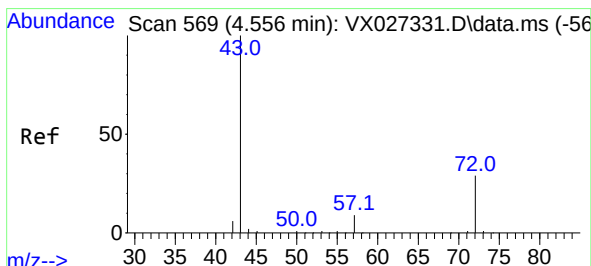
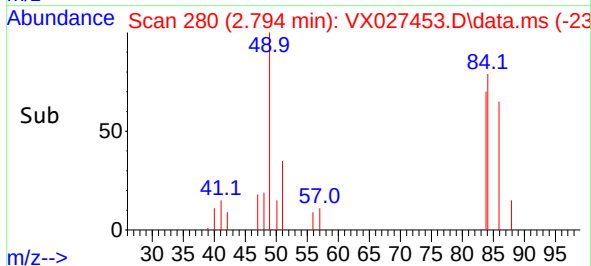
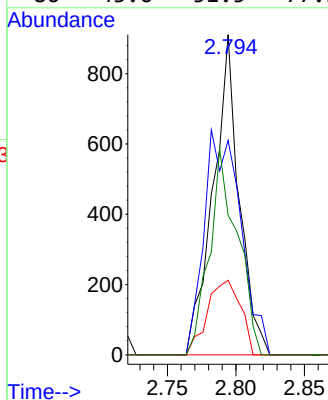
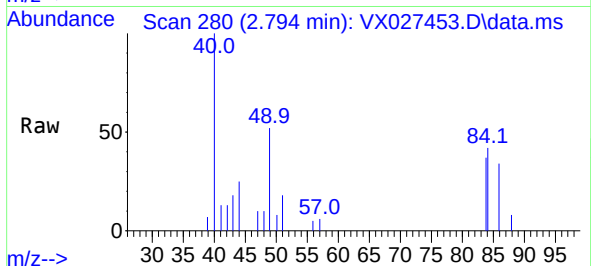




#20
Methylene Chloride
Concen: 0.289 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

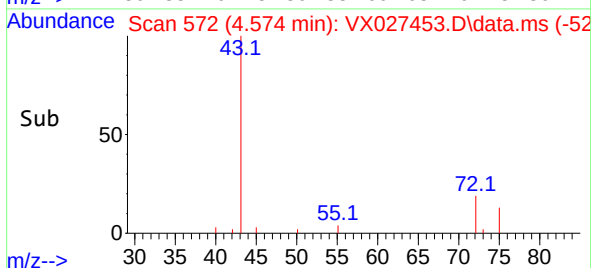
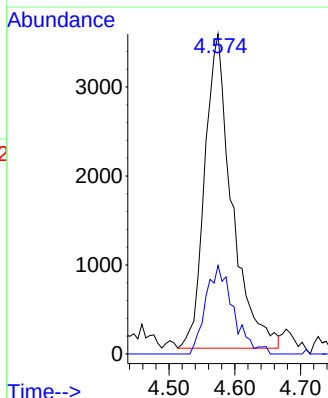
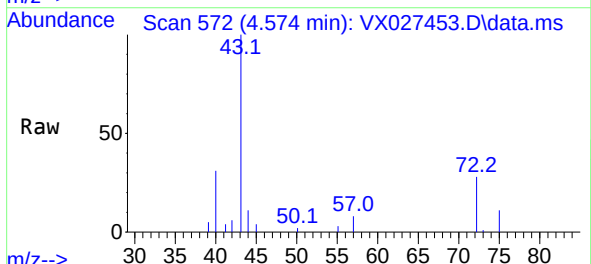
Instrument :
MSVOA_X
ClientSampleId :
31424

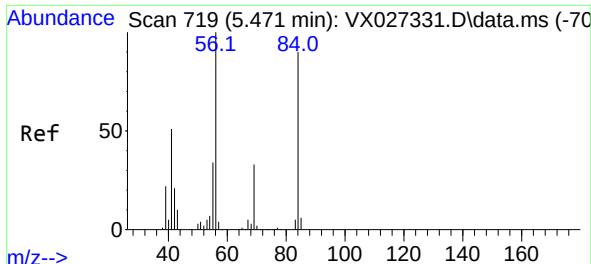
Tgt Ion: 84	Resp: 1204
Ion Ratio	Lower Upper
84 100	
49 67.0	85.5 128.3#
51 23.3	26.6 39.8#
86 43.6	51.5 77.3#



#25
2-Butanone
Concen: 3.446 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

Tgt Ion: 43	Resp: 10135
Ion Ratio	Lower Upper
43 100	
72 28.2	24.4 36.6

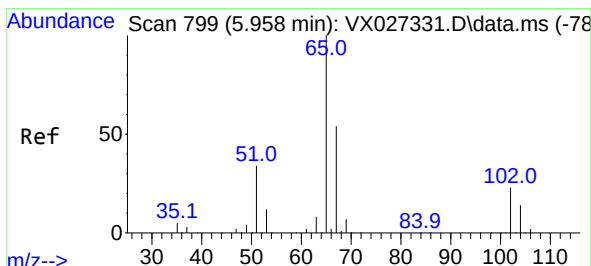
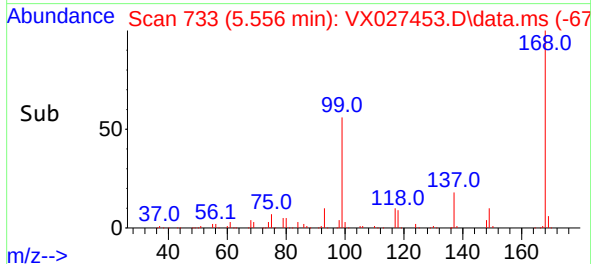
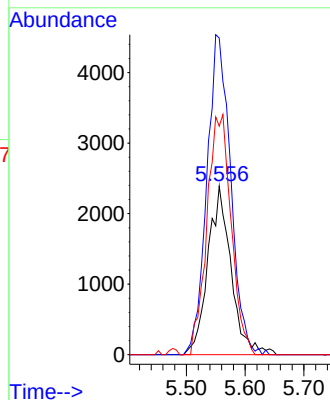
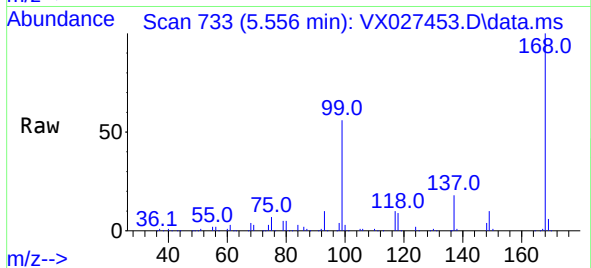




#31
Cyclohexane
Concen: 1.099 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

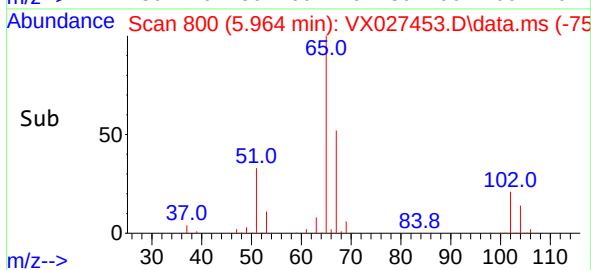
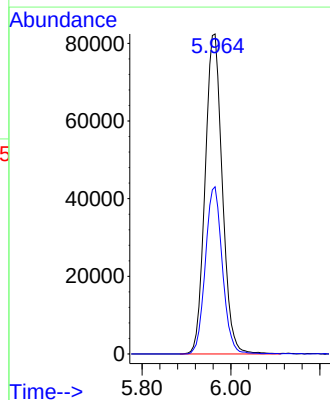
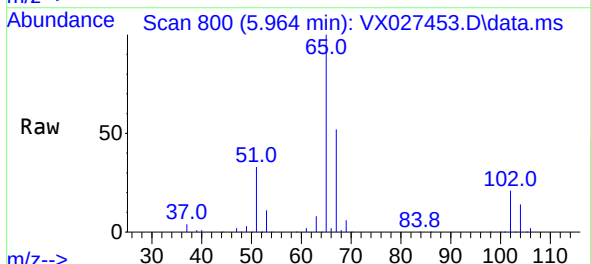
Instrument :
MSVOA_X
ClientSampleId :
31424

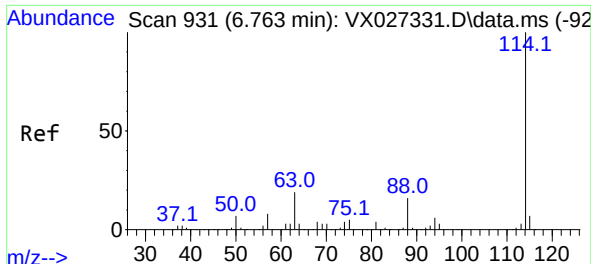
Tgt Ion: 56 Resp: 6567
Ion Ratio Lower Upper
56 100
69 187.7 26.7 40.1#
84 135.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 52.035 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

Tgt Ion: 65 Resp: 222195
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4

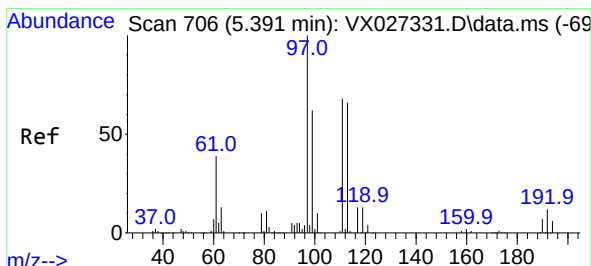
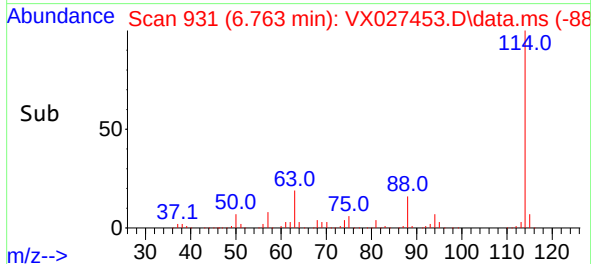
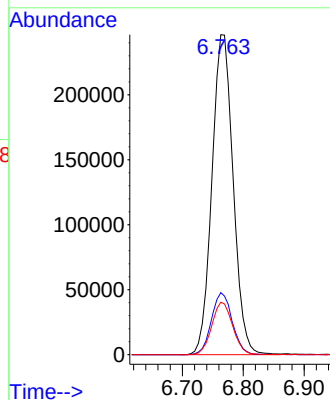
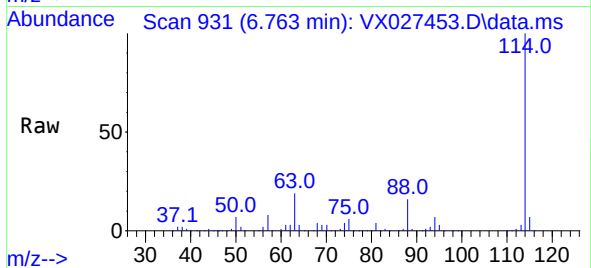




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

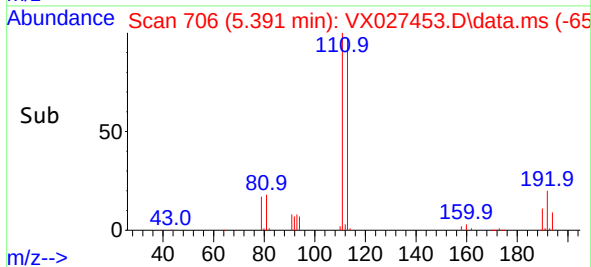
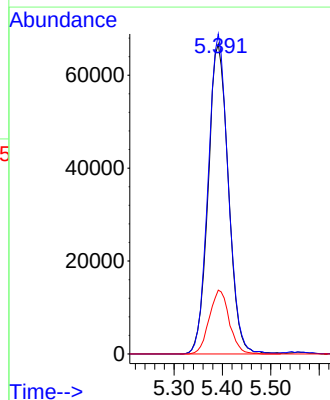
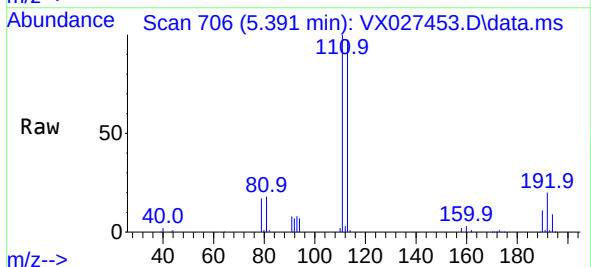
Instrument :
MSVOA_X
ClientSampleId :
31424

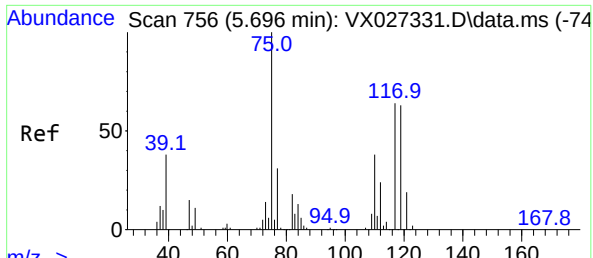
Tgt Ion:114 Resp: 595804
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.425 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

Tgt Ion:113 Resp: 193857
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 20.3 16.9 25.3

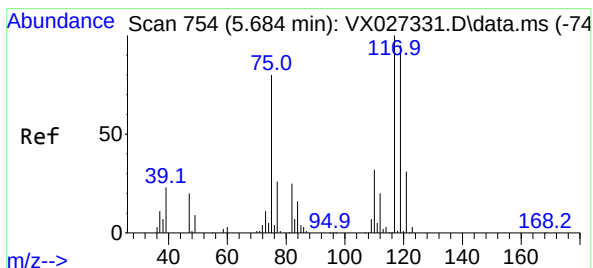
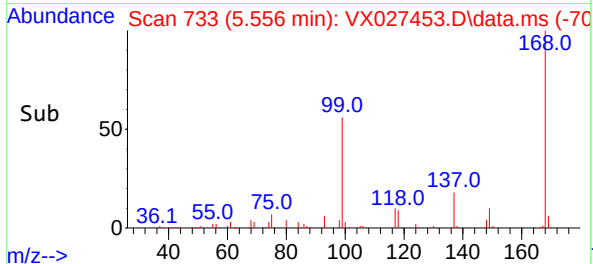
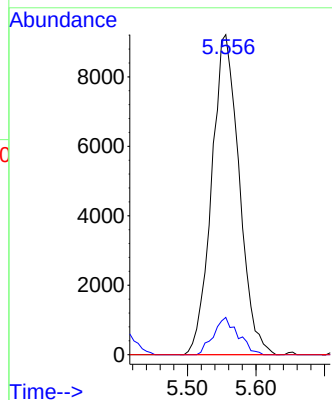
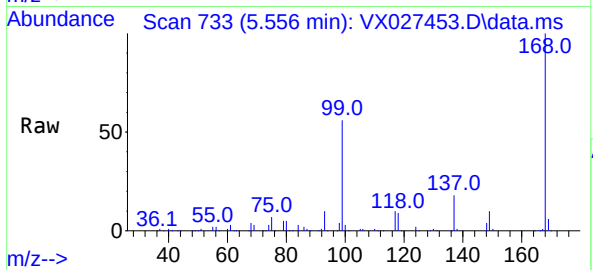




#36
1,1-Dichloropropene
Concen: 4.816 ug/l
RT: 5.556 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

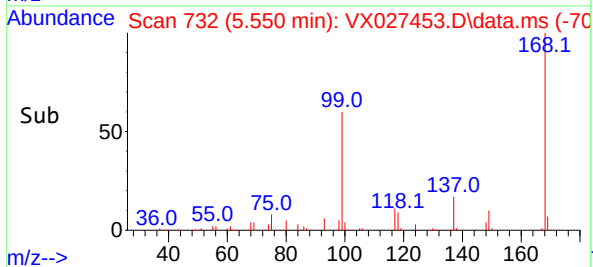
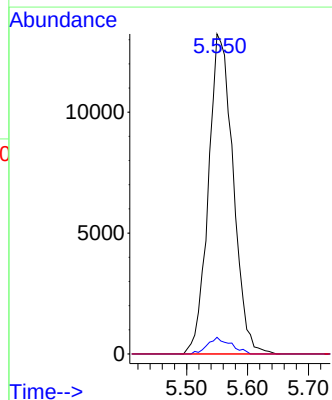
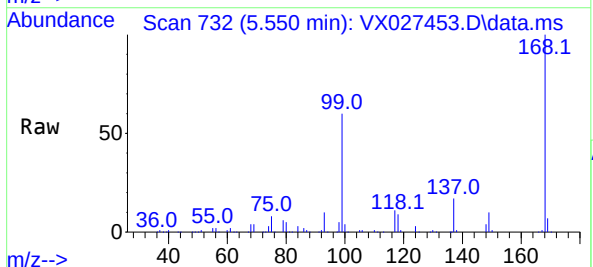
Instrument :
MSVOA_X
ClientSampleId :
31424

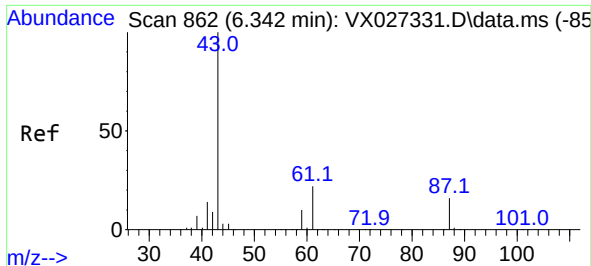
Tgt Ion: 75 Resp: 25708
Ion Ratio Lower Upper
75 100
110 10.5 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.747 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

Tgt Ion: 117 Resp: 37242
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#

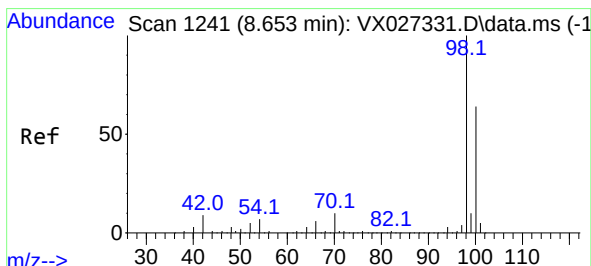
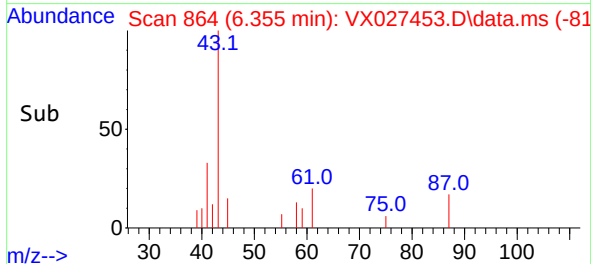
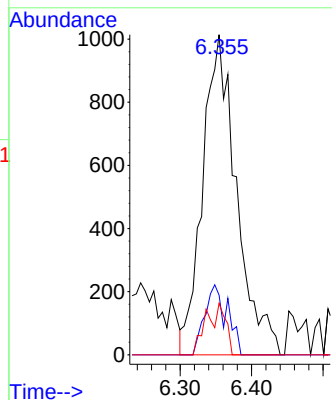
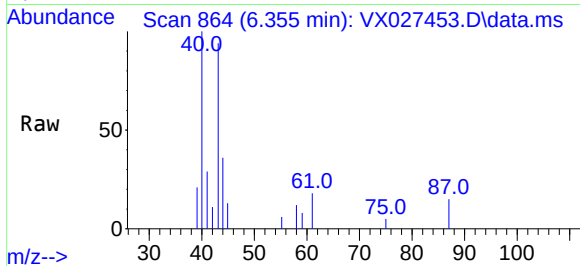




#43
Isopropyl Acetate
Concen: 0.393 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.013 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

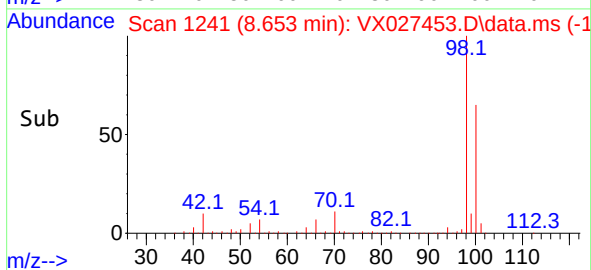
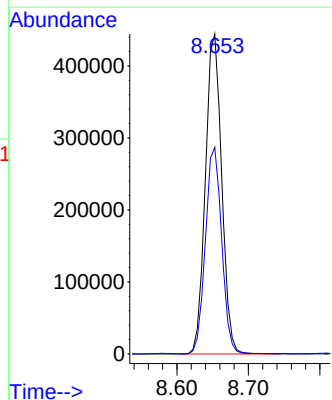
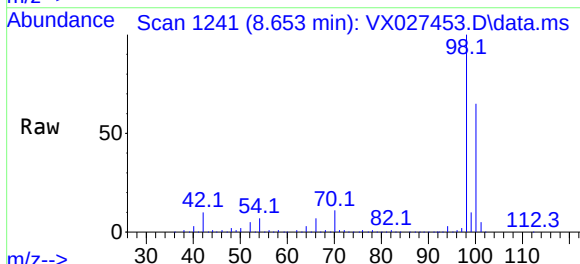
Instrument :
MSVOA_X
ClientSampleId :
31424

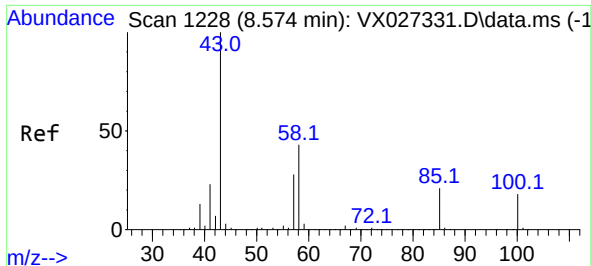
Tgt Ion: 43 Resp: 3333
Ion Ratio Lower Upper
43 100
61 14.5 18.5 27.7#
87 4.2 13.0 19.6#



#50
Toluene-d8
Concen: 48.506 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

Tgt Ion: 98 Resp: 704022
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 1.442 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX027453.D

Acq: 15 Mar 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

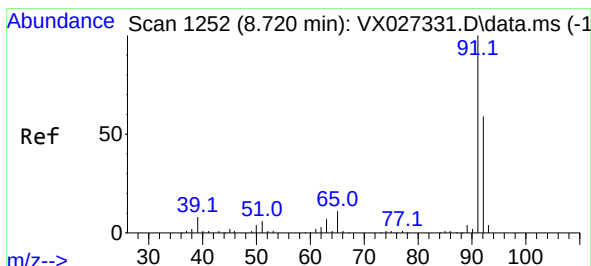
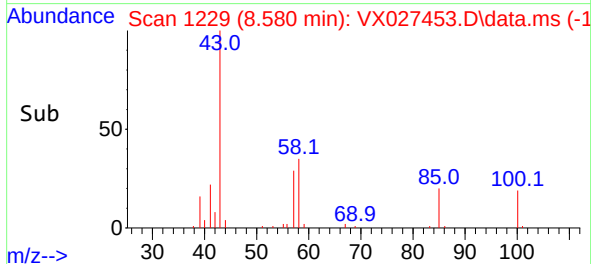
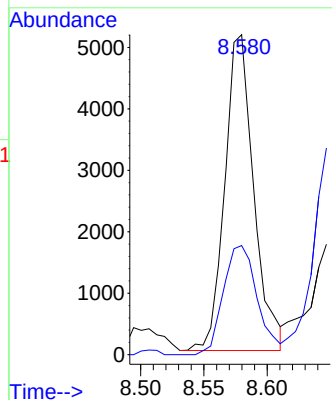
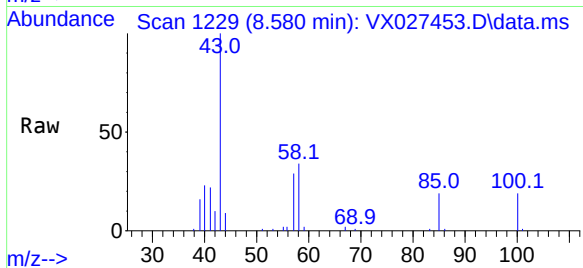
31424

Tgt Ion: 43 Resp: 8186

Ion Ratio Lower Upper

43 100

58 40.4 36.1 54.1



#52

Toluene

Concen: 3.133 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX027453.D

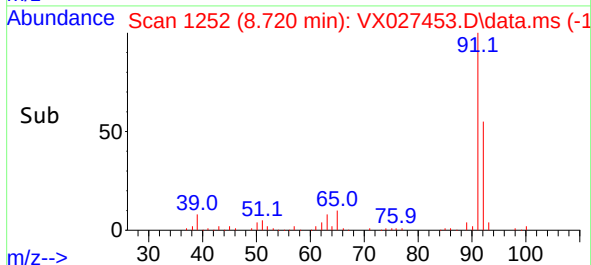
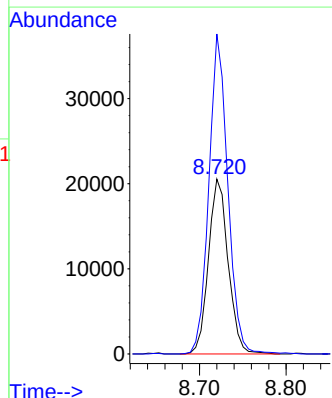
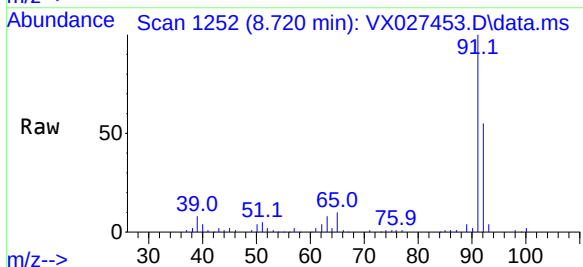
Acq: 15 Mar 2022 17:32

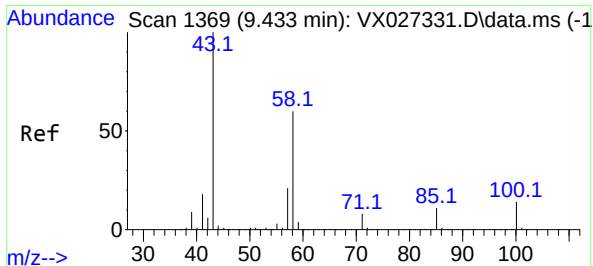
Tgt Ion: 92 Resp: 32471

Ion Ratio Lower Upper

92 100

91 175.8 137.5 206.3





#59

2-Hexanone

Concen: 1.031 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX027453.D

Acq: 15 Mar 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

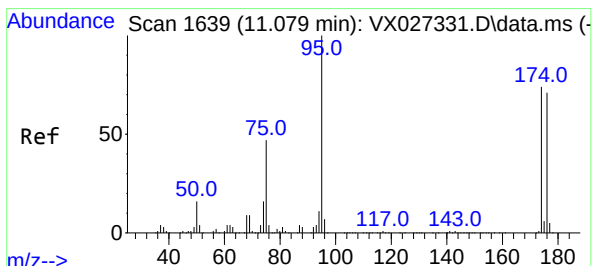
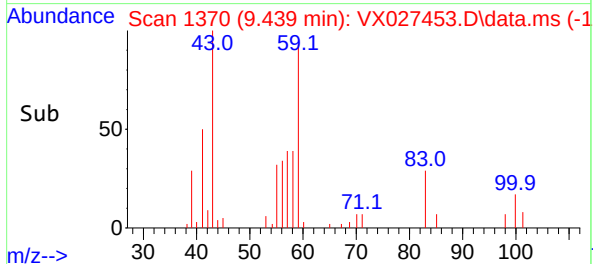
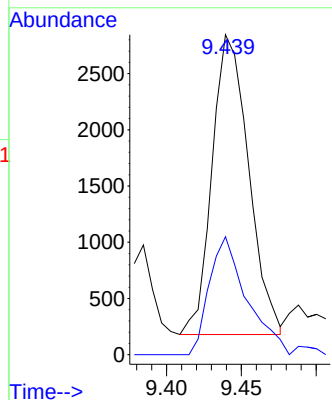
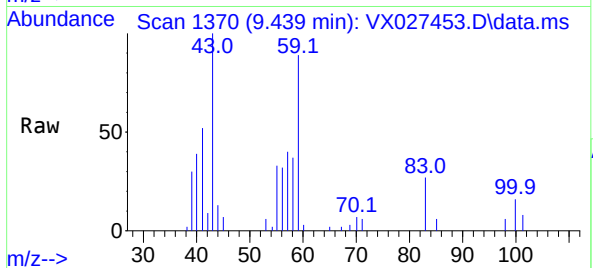
31424

Tgt Ion: 43 Resp: 4524

Ion Ratio Lower Upper

43 100

58 40.5 31.9 95.7



#62

4-Bromofluorobenzene

Concen: 47.839 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX027453.D

Acq: 15 Mar 2022 17:32

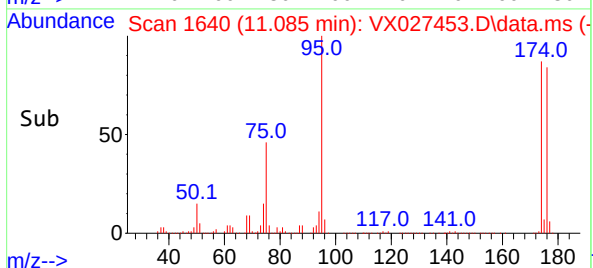
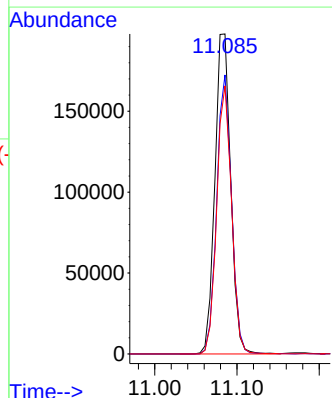
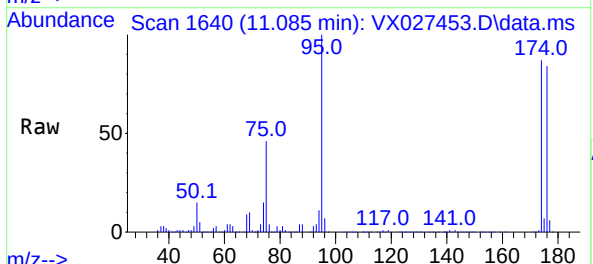
Tgt Ion: 95 Resp: 264633

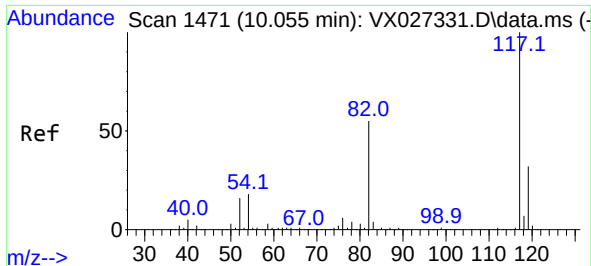
Ion Ratio Lower Upper

95 100

174 81.4 0.0 163.0

176 78.7 0.0 155.0

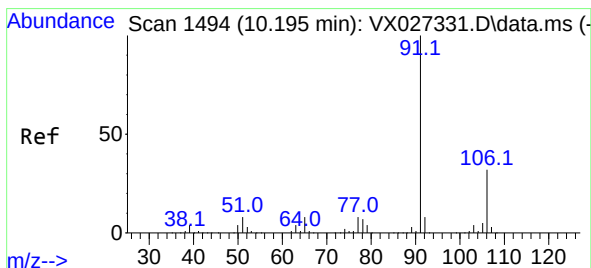
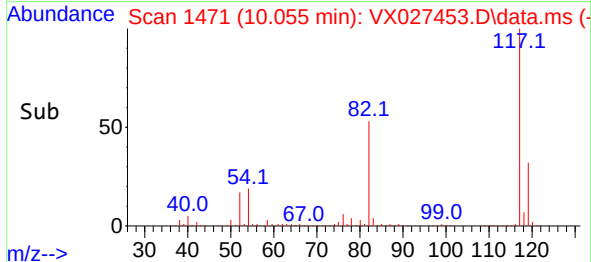
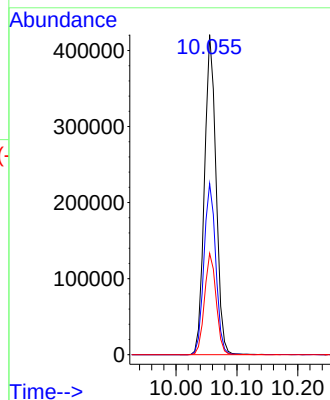
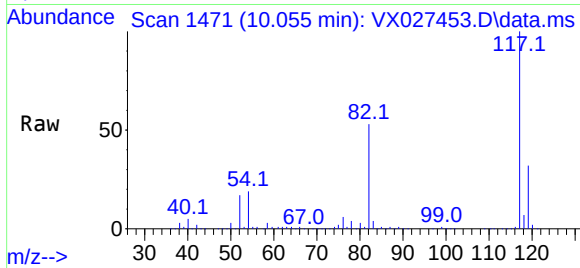




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

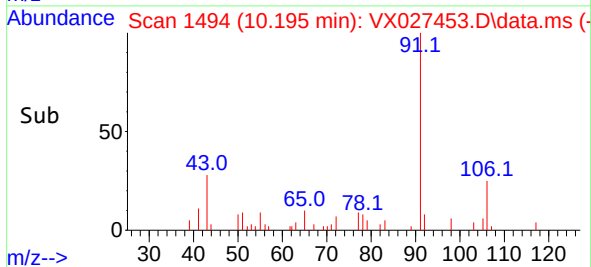
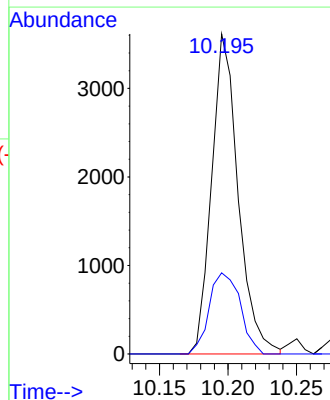
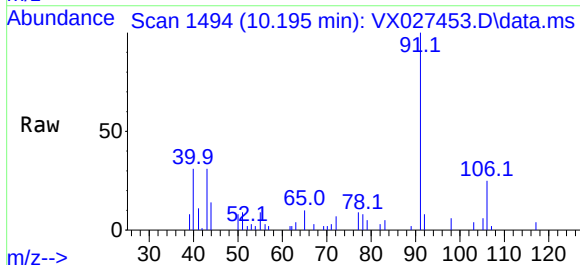
Instrument :
MSVOA_X
ClientSampleId :
31424

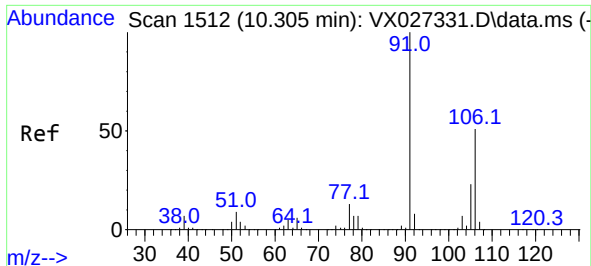
Tgt Ion:117 Resp: 555735
Ion Ratio Lower Upper
117 100
82 53.5 41.8 62.8
119 31.7 24.8 37.2



#67
Ethyl Benzene
Concen: 0.241 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

Tgt Ion: 91 Resp: 4869
Ion Ratio Lower Upper
91 100
106 25.4 24.6 36.8

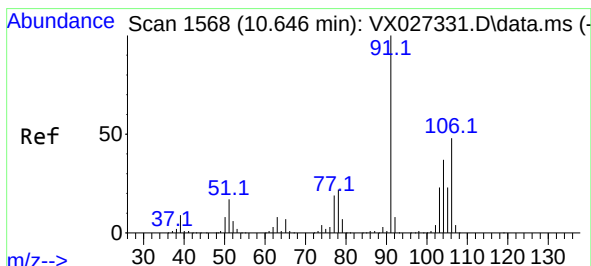
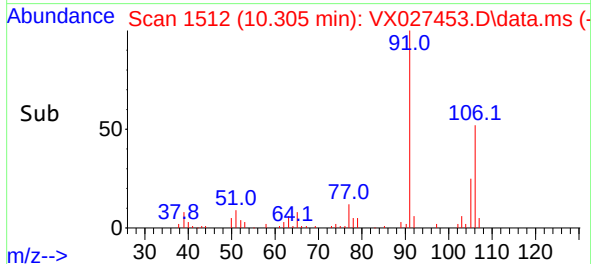
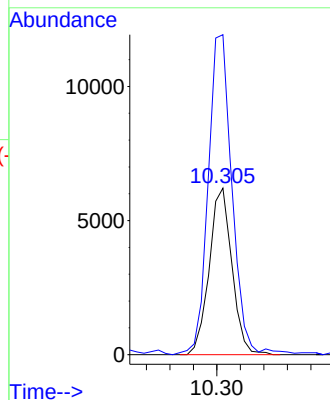
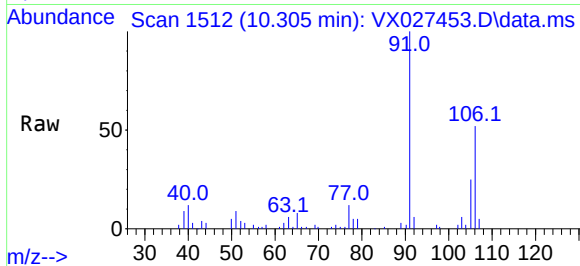




#68
m/p-Xylenes
Concen: 1.056 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

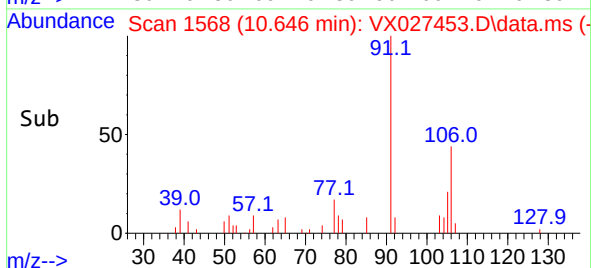
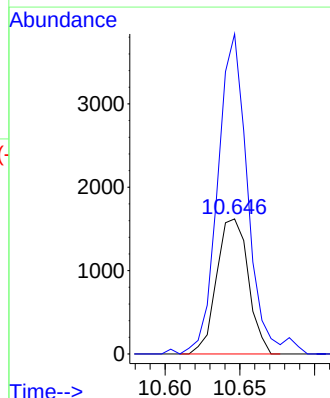
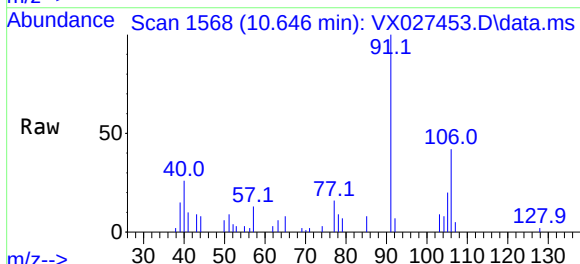
Instrument :
MSVOA_X
ClientSampleId :
31424

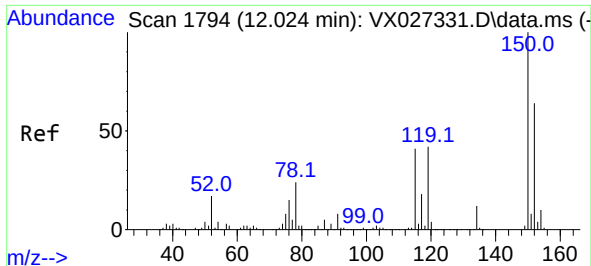
Tgt Ion:106 Resp: 8351
Ion Ratio Lower Upper
106 100
91 202.7 160.4 240.6



#69
o-Xylene
Concen: 0.305 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

Tgt Ion:106 Resp: 2381
Ion Ratio Lower Upper
106 100
91 226.1 106.1 318.1

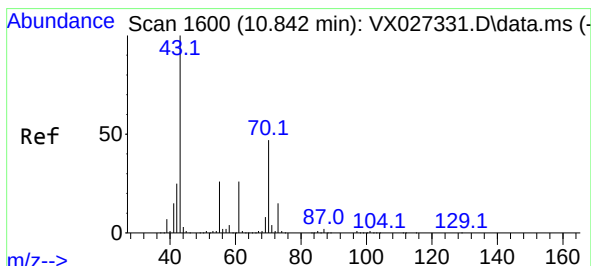
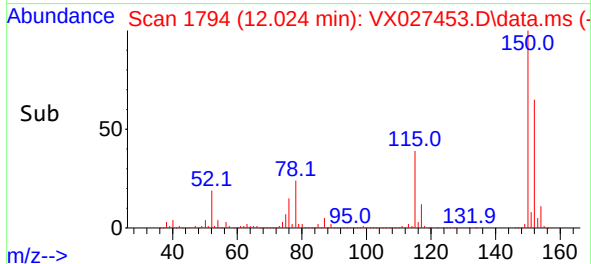
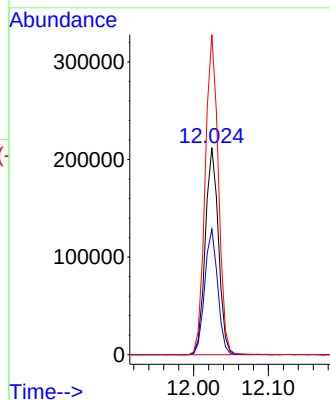
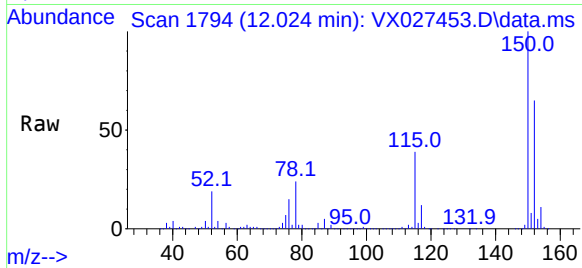




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

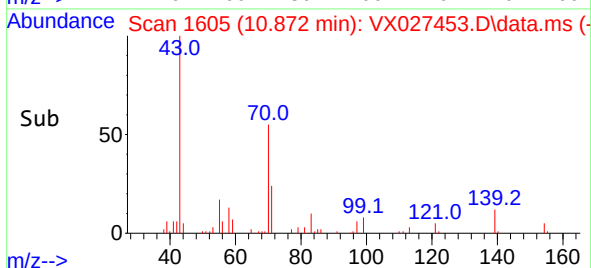
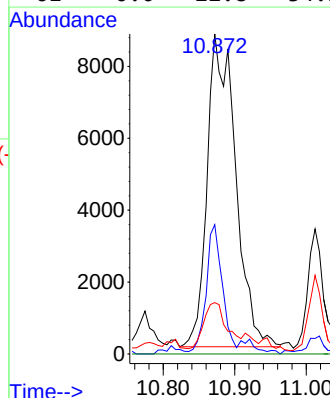
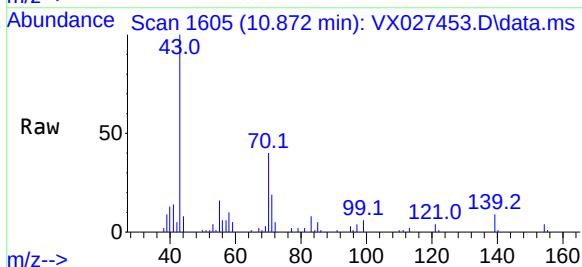
Instrument :
MSVOA_X
ClientSampleId :
31424

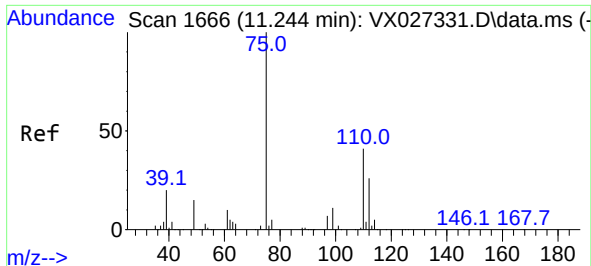
Tgt Ion:152 Resp: 258786
Ion Ratio Lower Upper
152 100
115 59.8 37.5 112.7
150 155.5 0.0 338.2



#74
N-ethyl acetate
Concen: 3.471 ug/l
RT: 10.872 min Scan# 1605
Delta R.T. 0.030 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

Tgt Ion: 43 Resp: 24008
Ion Ratio Lower Upper
43 100
70 22.6 42.5 63.7#
55 11.8 23.1 34.7#
61 0.0 22.8 34.2#

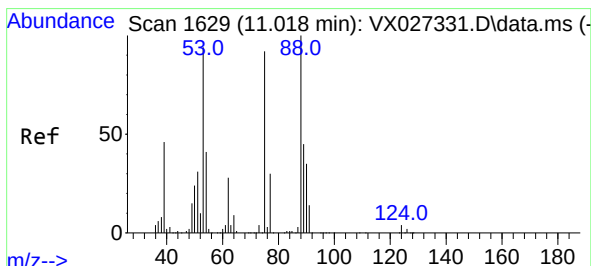
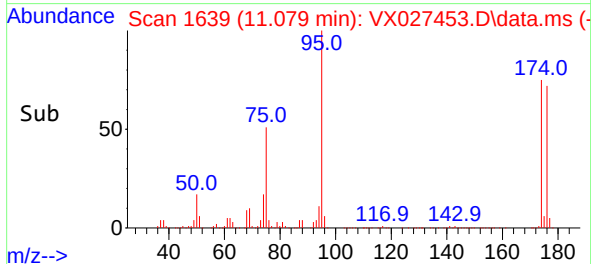
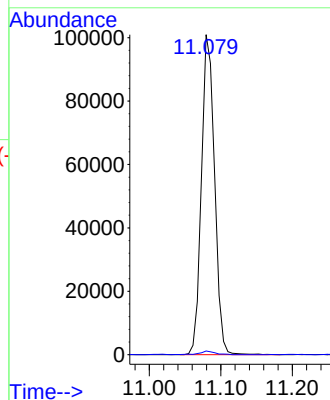
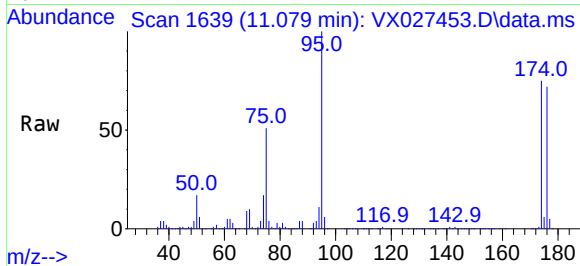




#76
1,2,3-Trichloropropane
Concen: 22.704 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

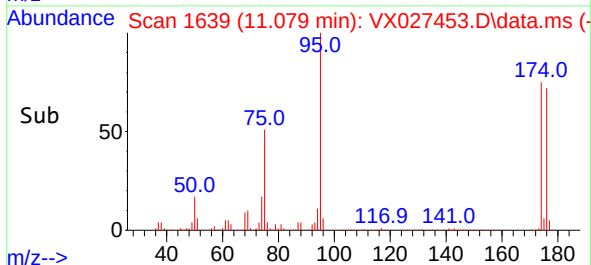
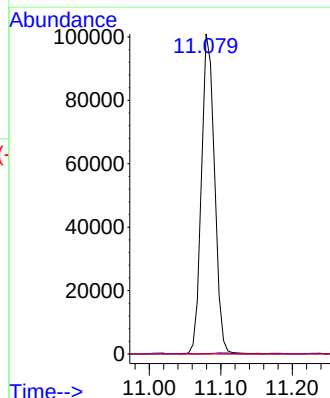
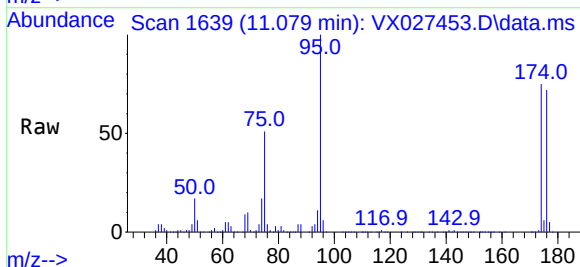
Instrument :
MSVOA_X
ClientSampleId :
31424

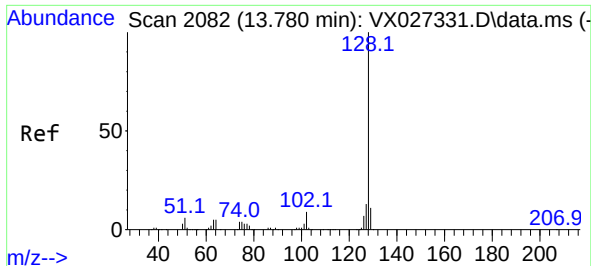
Tgt Ion: 75 Resp: 128911
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.428 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027453.D
Acq: 15 Mar 2022 17:32

Tgt Ion: 75 Resp: 128911
Ion Ratio Lower Upper
75 100
53 0.6 69.0 103.4#
89 0.0 37.0 55.6#





#95

Naphthalene

Concen: 0.636 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX027453.D

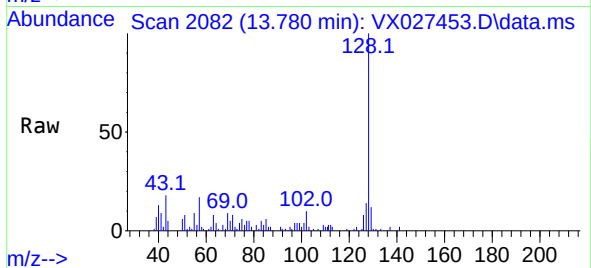
Acq: 15 Mar 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

31424



Tgt Ion:128 Resp: 12408

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.7 8.7 13.1

