

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
 Data File : VX032261.D
 Acq On : 20 Oct 2022 14:33
 Operator : JC/MD
 Sample : N5210-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INF1022

Quant Time: Oct 21 01:24:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	161312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112621	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101730	48.477	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.960%
35) Dibromofluoromethane	5.385	113	77279	45.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.080%
50) Toluene-d8	8.647	98	299982	48.567	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.140%
62) 4-Bromofluorobenzene	11.079	95	112639	49.801	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.600%

Target Compounds			Qvalue			
3) Chloromethane	1.294	50	60	Below Cal	#	44
6) Chloroethane	1.752	64	33	1.973	ug/l #	18
11) Tert butyl alcohol	2.983	59	4628	Below Cal	#	74
13) Acrolein	2.215	56	4397	17.212	ug/l #	1
14) Allyl chloride	2.715	41	3684	1.629	ug/l #	21
15) Acrylonitrile	3.105	53	3670	4.663	ug/l #	39
16) Acetone	2.386	43	2260	3.319	ug/l	92
18) Methyl Acetate	2.782	43	74670	32.297	ug/l #	50
19) Methyl tert-butyl Ether	3.111	73	3820	0.770	ug/l #	1
20) Methylene Chloride	2.788	84	862	0.493	ug/l #	1
22) Diisopropyl ether	3.757	45	4786	0.966	ug/l #	69
23) Vinyl Acetate	3.739	43	5399	1.364	ug/l #	71
25) 2-Butanone	4.593	43	1126	1.059	ug/l #	74
29) Tetrahydrofuran	5.093	42	147	0.214	ug/l #	31
30) Chloroform	5.178	83	6870	2.206	ug/l #	17
31) Cyclohexane	5.471	56	74135	30.902	ug/l	96
36) 1,1-Dichloropropene	5.550	75	12749	5.776	ug/l #	50
38) Carbon Tetrachloride	5.550	117	17194	7.379	ug/l #	16
39) Methylcyclohexane	7.379	83	35410	13.429	ug/l	92
40) Benzene	6.044	78	1826118	285.453	ug/l	98
41) Methacrylonitrile	4.897	41	620	0.544	ug/l #	23
42) 1,2-Dichloroethane	6.037	62	19738	8.055	ug/l #	76
43) Isopropyl Acetate	6.361	43	2053	0.605	ug/l #	61
48) Methyl methacrylate	7.659	41	4411	2.608	ug/l #	62
51) 4-Methyl-2-Pentanone	8.580	43	1312	0.617	ug/l	91
52) Toluene	8.720	92	181921	43.899	ug/l	100
53) t-1,3-Dichloropropene	8.714	75	2511	2.784	ug/l #	1
56) Ethyl methacrylate	9.098	69	1112	0.459	ug/l #	70
58) 2-Chloroethyl Vinyl ether	8.190	63	330	0.297	ug/l #	45
59) 2-Hexanone	9.451	43	2603	1.641	ug/l	95
67) Ethyl Benzene	10.195	91	903629	115.175	ug/l	99
68) m/p-Xylenes	10.305	106	1554335	501.662	ug/l	98
69) o-Xylene	10.640	106	210120	70.790	ug/l	97
70) Styrene	10.640	104	10776	2.153	ug/l #	1
73) Isopropylbenzene	10.963	105	123666	15.389	ug/l	100
74) N-amyl acetate	10.890	43	1930	0.650	ug/l #	43

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

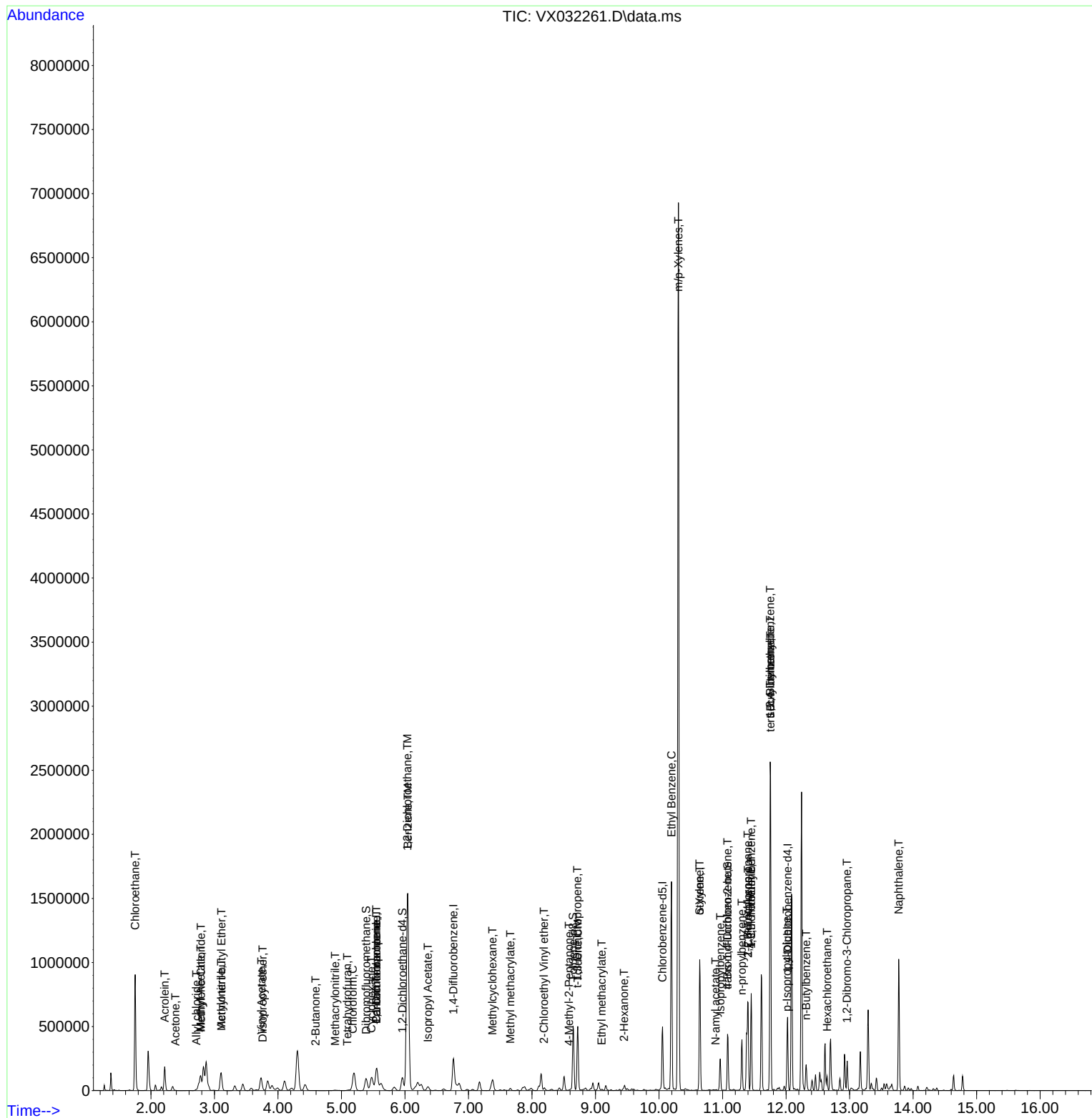
76) 1,2,3-Trichloropropane	11.396	75	4797	2.150	ug/l #	1
78) n-propylbenzene	11.305	91	226777	24.645	ug/l	97
79) 2-Chlorotoluene	11.402	91	66917	12.067	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	312010	44.951	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	60714	83.519	ug/l #	6
82) 4-Chlorotoluene	11.451	91	35873	5.556	ug/l #	45
83) tert-Butylbenzene	11.756	119	135778	19.551	ug/l #	54
84) 1,2,4-Trimethylbenzene	11.750	105	1113646	165.023	ug/l	100
85) sec-Butylbenzene	11.750	105	1113646	132.687	ug/l #	56
86) p-Isopropyltoluene	12.012	119	6137	0.859	ug/l #	75
89) n-Butylbenzene	12.317	91	26383	4.194	ug/l #	15
90) Hexachloroethane	12.646	117	34657	31.275	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	12.957	75	780	0.730	ug/l #	1
95) Naphthalene	13.774	128	605944	78.084	ug/l	99

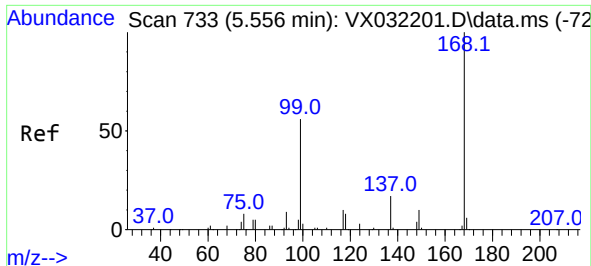
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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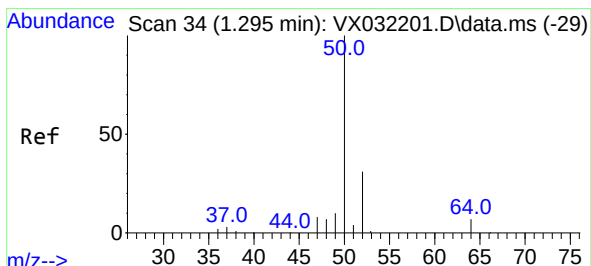
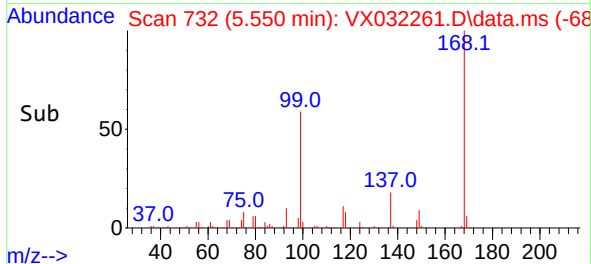
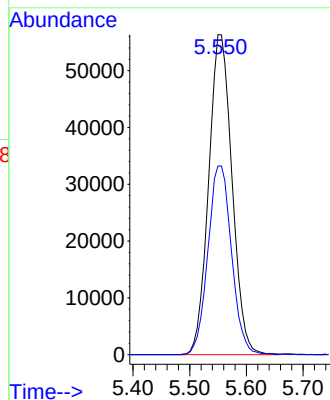
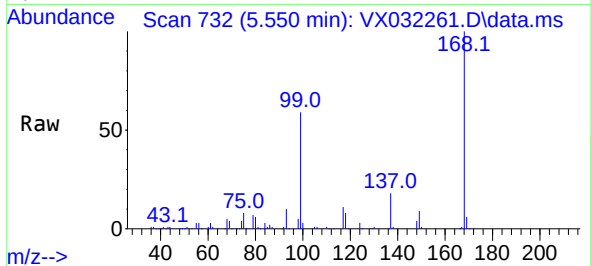




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

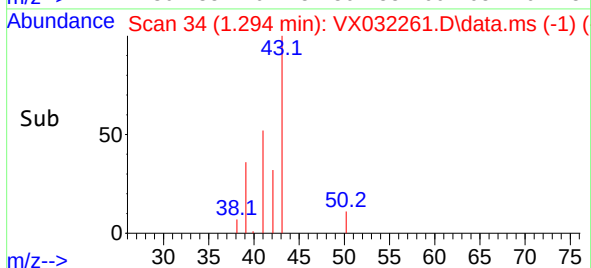
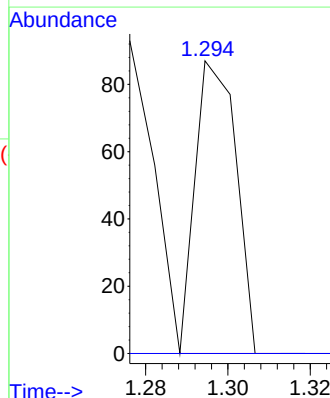
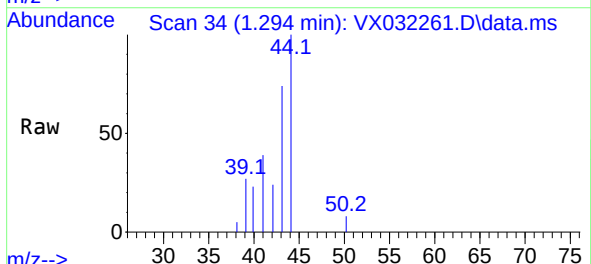
Instrument :
MSVOA_X
ClientSampleId :
INF1022

Tgt Ion:168 Resp: 161312
Ion Ratio Lower Upper
168 100
99 58.9 44.8 67.2

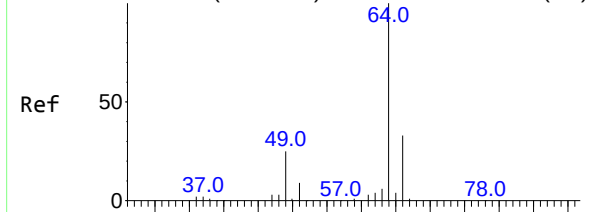


#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

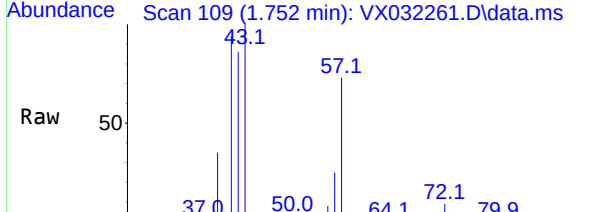
Tgt Ion: 50 Resp: 60
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#



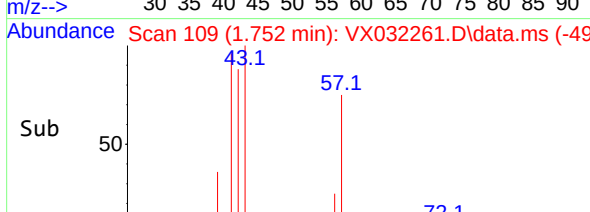
Abundance Scan 98 (1.685 min): VX032201.D\data.ms (-89)



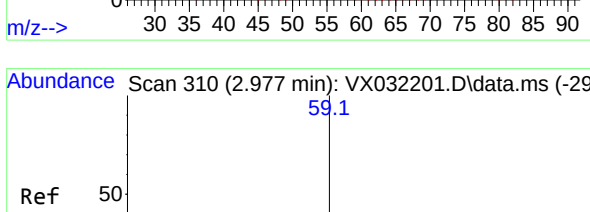
Abundance Scan 109 (1.752 min): VX032261.D\data.ms



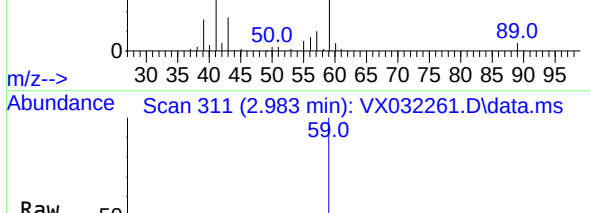
Abundance Scan 109 (1.752 min): VX032261.D\data.ms (-49)



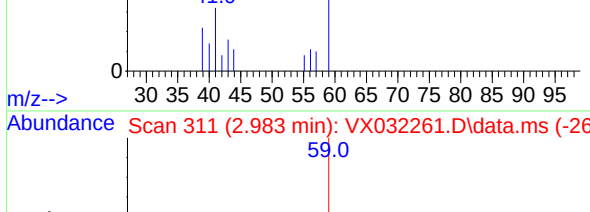
Abundance Scan 310 (2.977 min): VX032201.D\data.ms (-29)



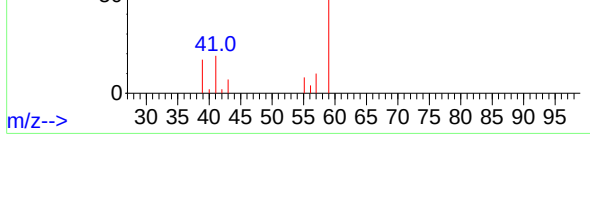
Abundance Scan 311 (2.983 min): VX032261.D\data.ms



Abundance Scan 311 (2.983 min): VX032261.D\data.ms (-26)



Abundance Scan 311 (2.983 min): VX032261.D\data.ms (-26)



#6

Chloroethane

Concen: 1.973 ug/l

RT: 1.752 min Scan# 109

Delta R.T. 0.067 min

Lab File: VX032261.D

Acq: 20 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

INF1022

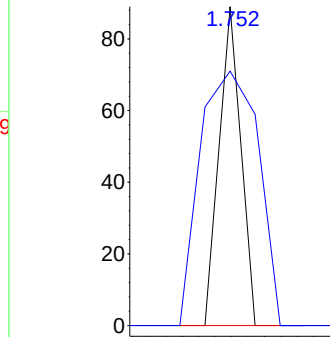
Tgt Ion: 64 Resp: 33

Ion Ratio Lower Upper

64 100

66 79.8 26.6 39.8#

Abundance



Time-->

#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.983 min Scan# 311

Delta R.T. 0.006 min

Lab File: VX032261.D

Acq: 20 Oct 2022 14:33

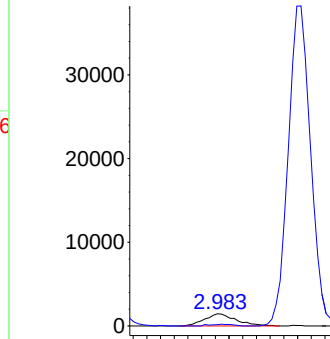
Tgt Ion: 59 Resp: 4628

Ion Ratio Lower Upper

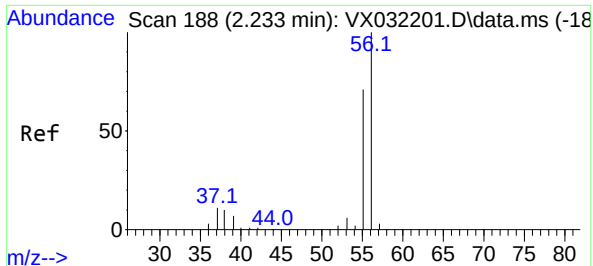
59 100

57 0.0 7.5 11.3#

Abundance



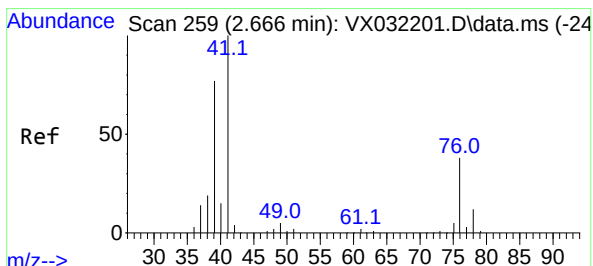
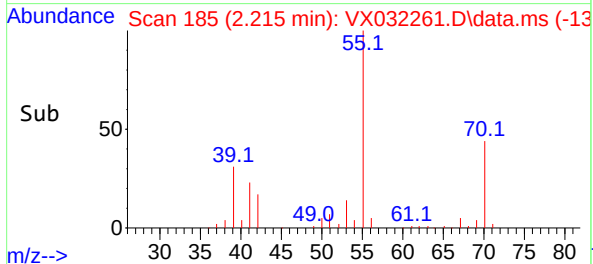
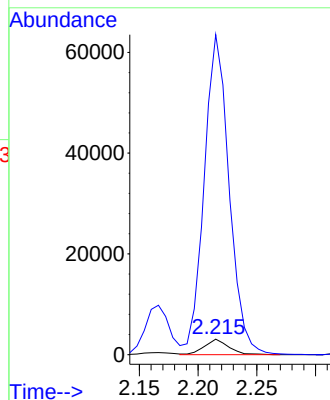
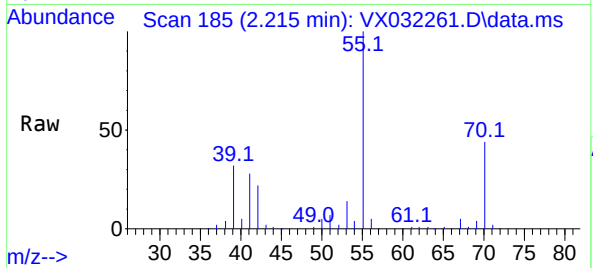
Time-->



#13
Acrolein
Concen: 17.212 ug/l
RT: 2.215 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

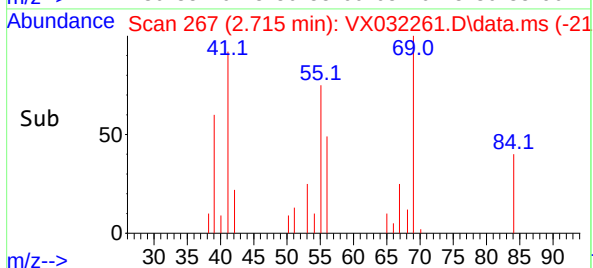
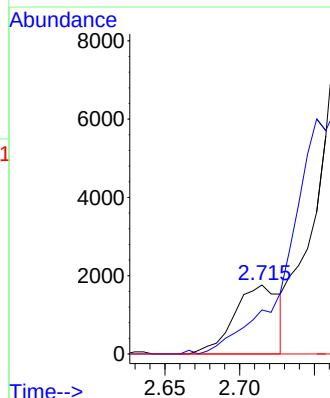
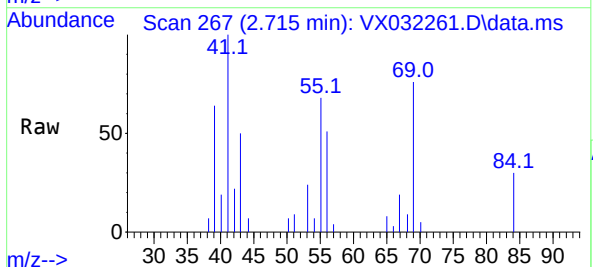
Instrument :
MSVOA_X
ClientSampleId :
INF1022

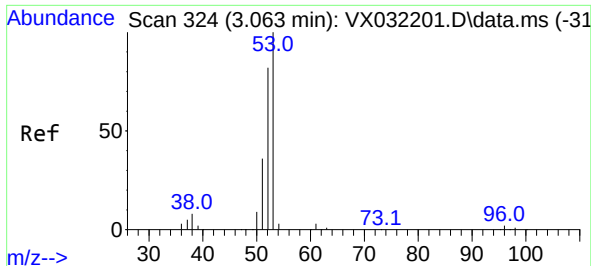
Tgt Ion: 56 Resp: 4397
Ion Ratio Lower Upper
56 100
55 2148.4 56.4 84.6#



#14
Allyl chloride
Concen: 1.629 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.049 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion: 41 Resp: 3684
Ion Ratio Lower Upper
41 100
39 0.0 59.5 89.3#
76 0.0 28.6 42.8#

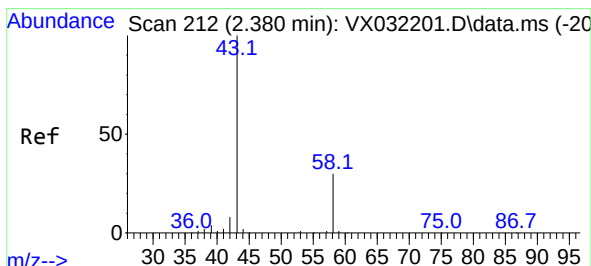
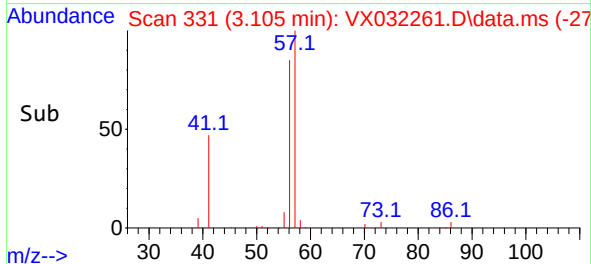
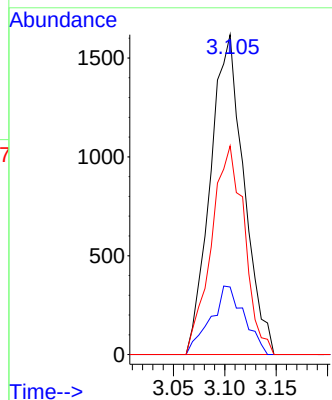
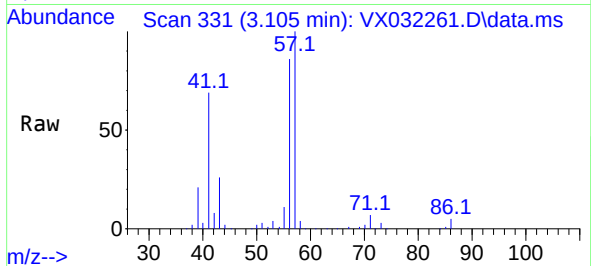




#15
Acrylonitrile
Concen: 4.663 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.042 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

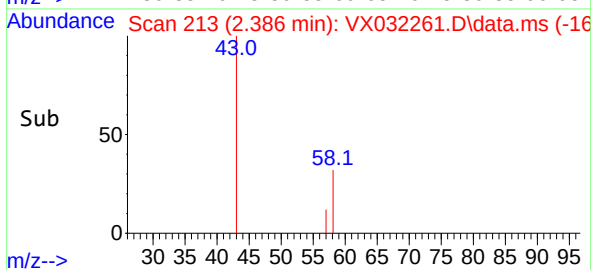
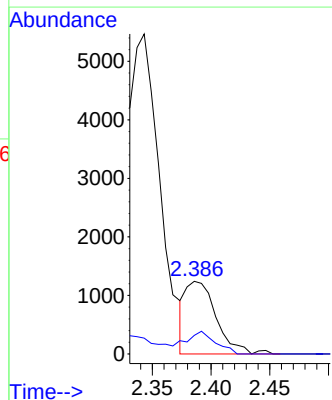
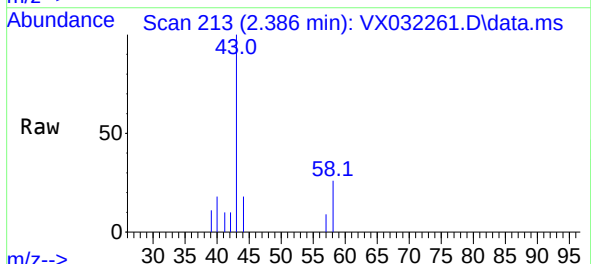
Instrument :
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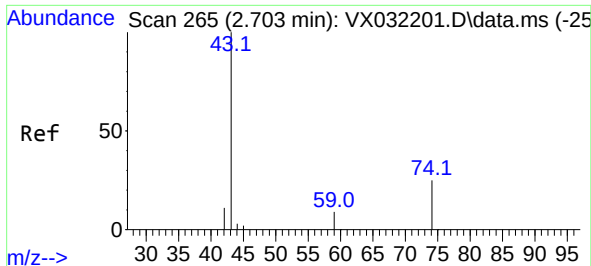
Tgt Ion: 53 Resp: 3670
Ion Ratio Lower Upper
53 100
52 21.5 65.9 98.9#
51 64.6 29.7 44.5#



#16
Acetone
Concen: 3.319 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion: 43 Resp: 2260
Ion Ratio Lower Upper
43 100
58 25.6 24.2 36.2

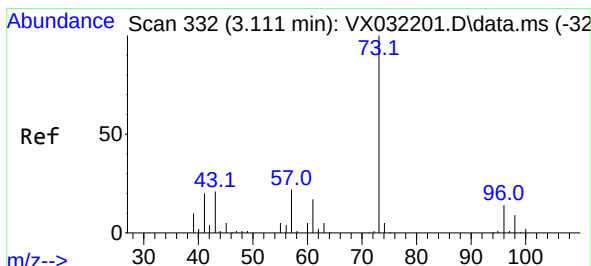
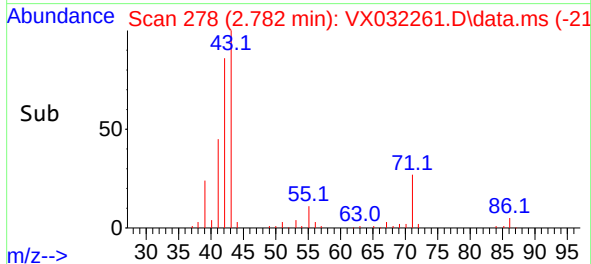
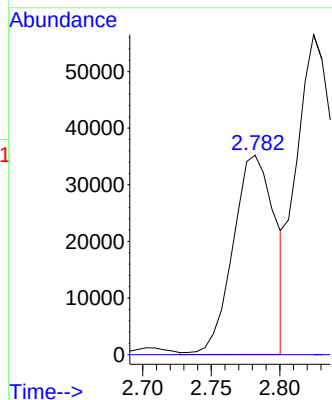
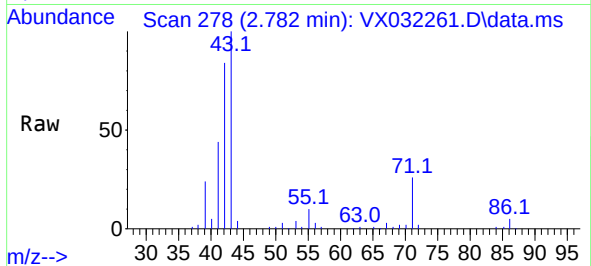




#18
Methyl Acetate
Concen: 32.297 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.079 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

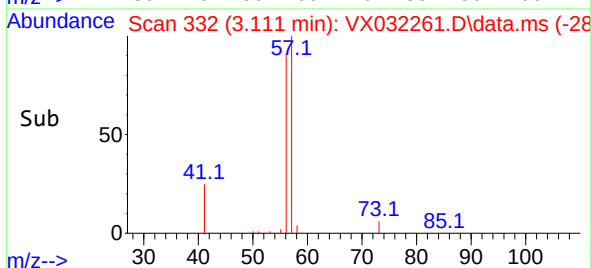
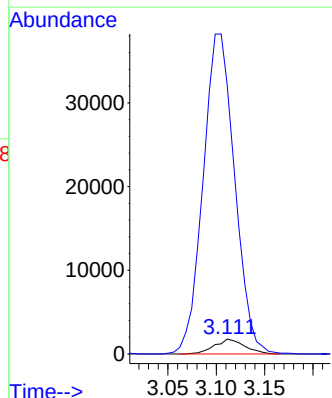
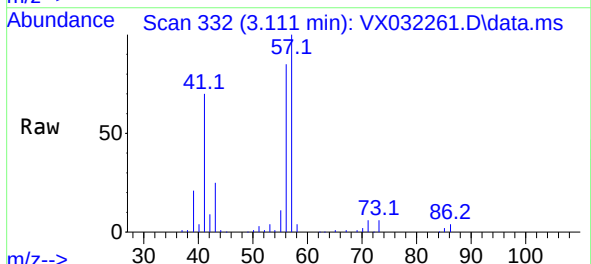
Instrument :
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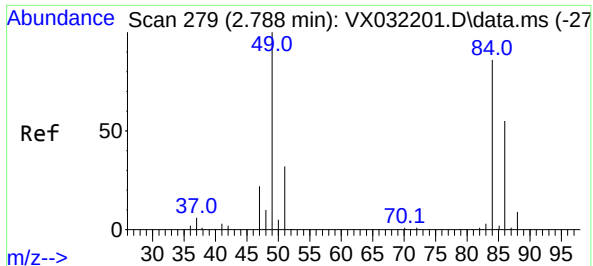
Tgt Ion: 43 Resp: 74670
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.8#



#19
Methyl tert-butyl Ether
Concen: 0.770 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion: 73 Resp: 3820
Ion Ratio Lower Upper
73 100
57 1806.7 17.4 26.2#



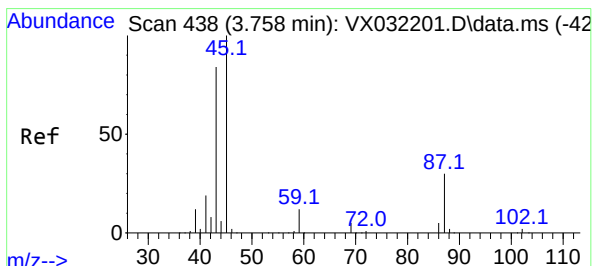
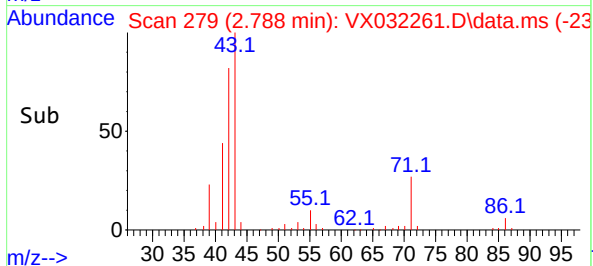
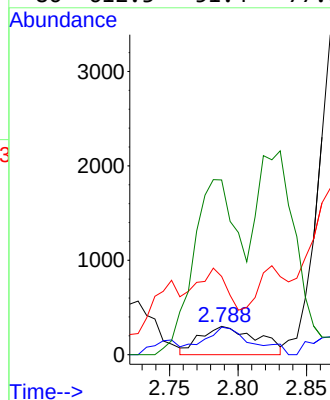
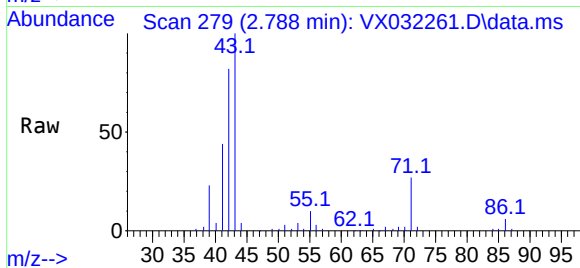


#20
Methylene Chloride
Concen: 0.493 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 84 Resp: 862

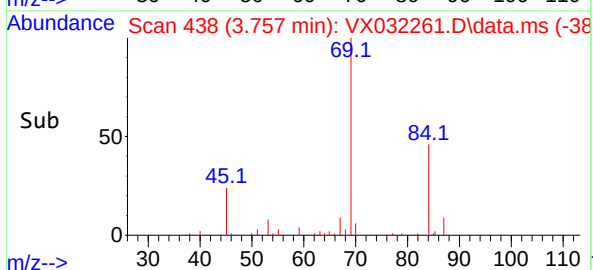
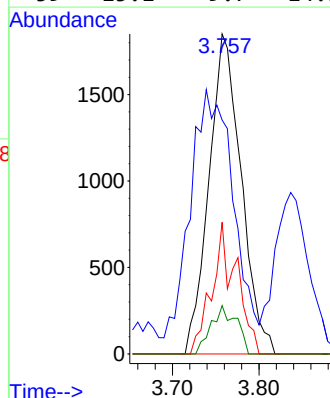
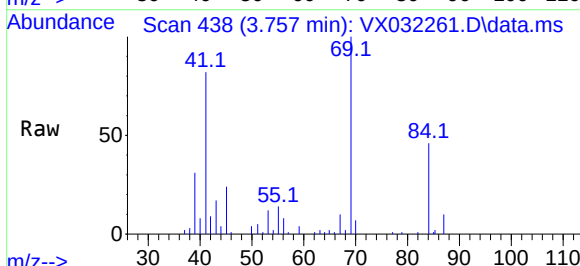
Ion	Ratio	Lower	Upper
84	100		
49	91.7	92.6	139.0#
51	94.3	29.2	43.8#
86	612.3	51.4	77.0#

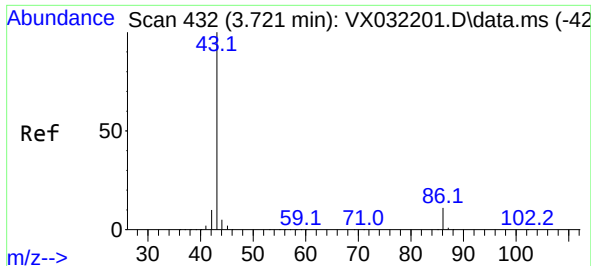


#22
Diisopropyl ether
Concen: 0.966 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.001 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion: 45 Resp: 4786

Ion	Ratio	Lower	Upper
45	100		
43	49.9	67.5	101.3#
87	41.1	24.0	36.0#
59	15.1	9.7	14.5#

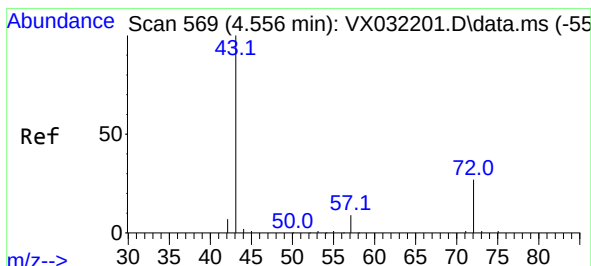
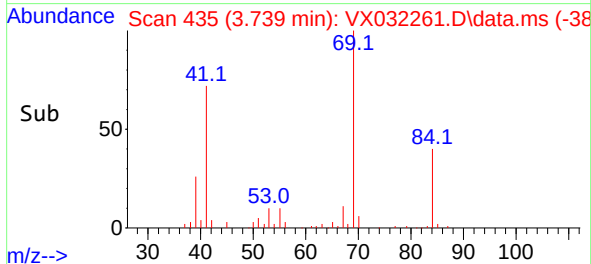
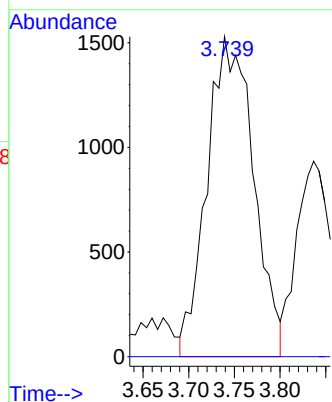
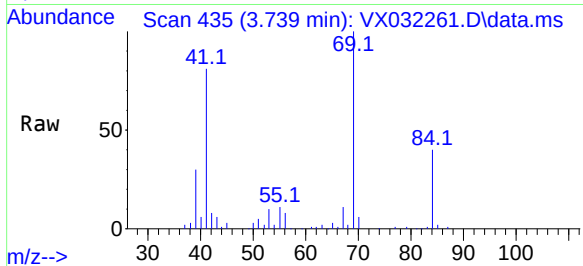




#23
 Vinyl Acetate
 Concen: 1.364 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: VX032261.D
 Acq: 20 Oct 2022 14:33

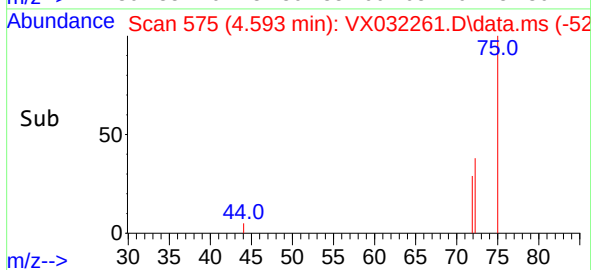
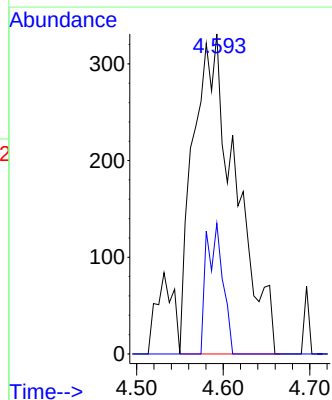
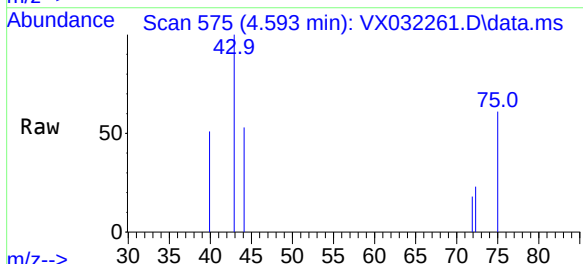
Instrument :
 MSVOA_X
 ClientSampleId :
 INF1022

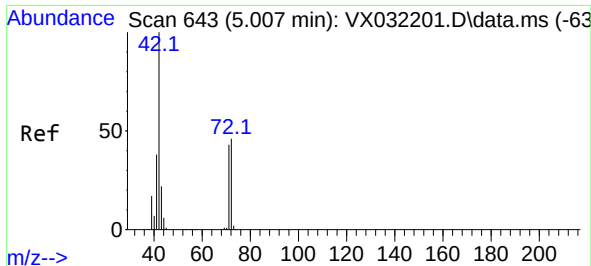
Tgt Ion: 43 Resp: 5399
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 13.0#



#25
 2-Butanone
 Concen: 1.059 ug/l
 RT: 4.593 min Scan# 575
 Delta R.T. 0.037 min
 Lab File: VX032261.D
 Acq: 20 Oct 2022 14:33

Tgt Ion: 43 Resp: 1126
 Ion Ratio Lower Upper
 43 100
 72 40.8 21.7 32.5#





#29

Tetrahydrofuran

Concen: 0.214 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.086 min

Lab File: VX032261.D

Acq: 20 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

INF1022

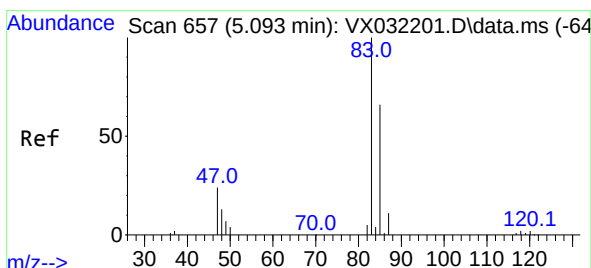
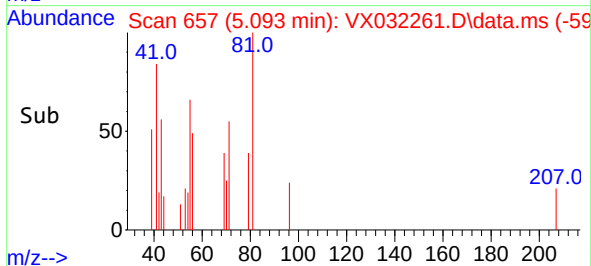
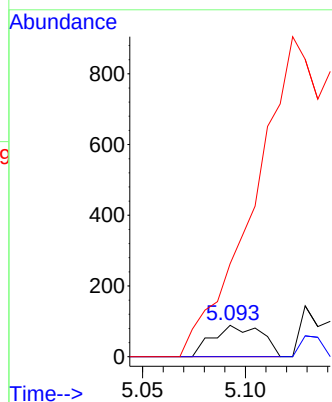
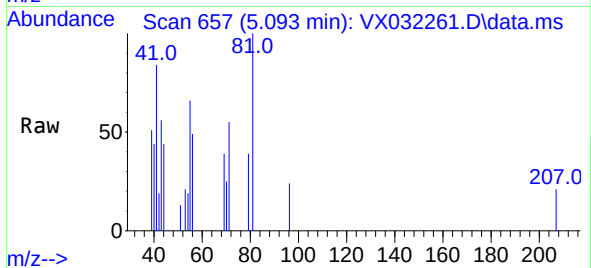
Tgt Ion: 42 Resp: 147

Ion Ratio Lower Upper

42 100

72 0.0 37.5 56.3#

71 0.0 34.7 52.1#



#30

Chloroform

Concen: 2.206 ug/l

RT: 5.178 min Scan# 671

Delta R.T. 0.085 min

Lab File: VX032261.D

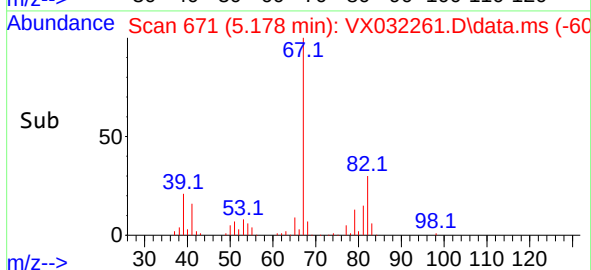
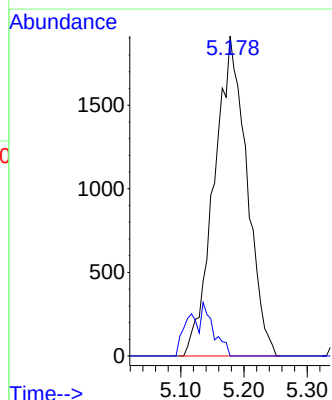
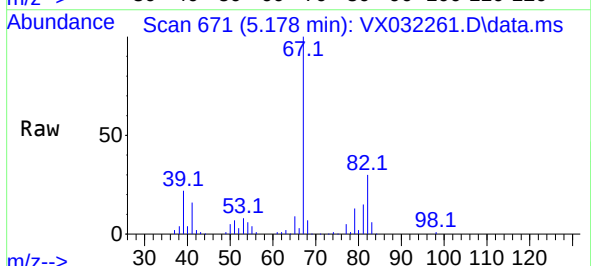
Acq: 20 Oct 2022 14:33

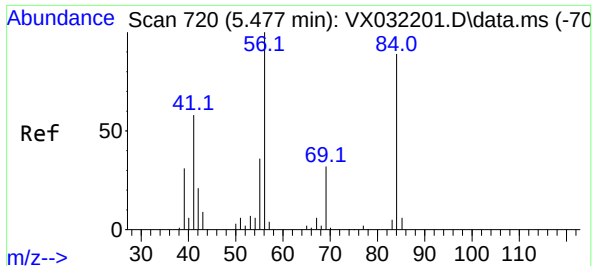
Tgt Ion: 83 Resp: 6870

Ion Ratio Lower Upper

83 100

85 0.0 52.5 78.7#

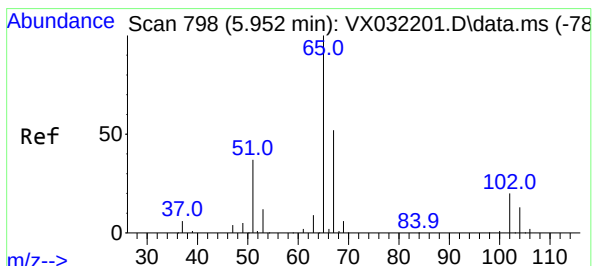
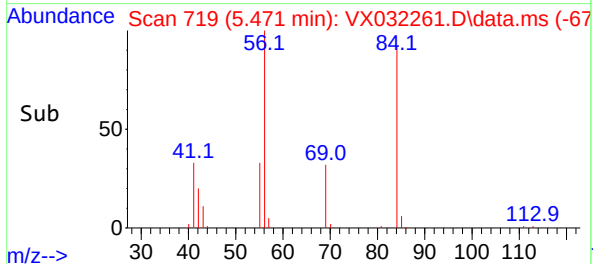
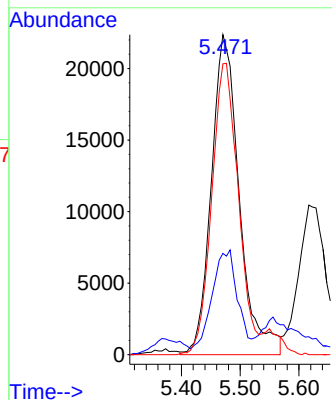
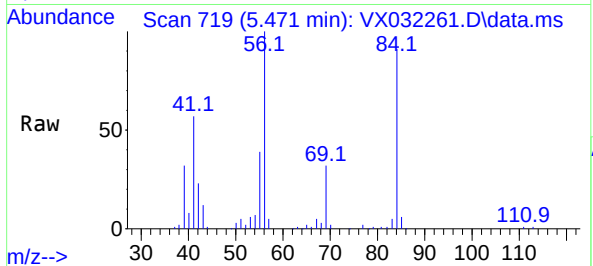




#31
Cyclohexane
Concen: 30.902 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

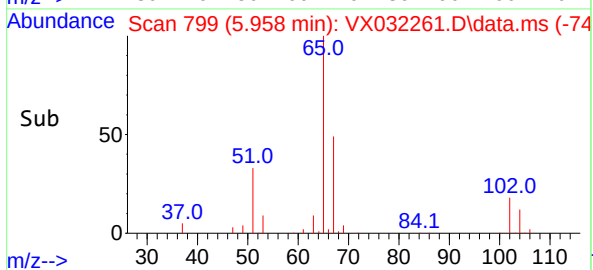
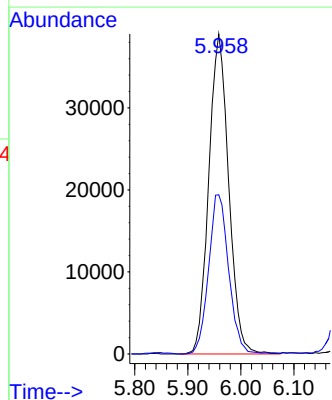
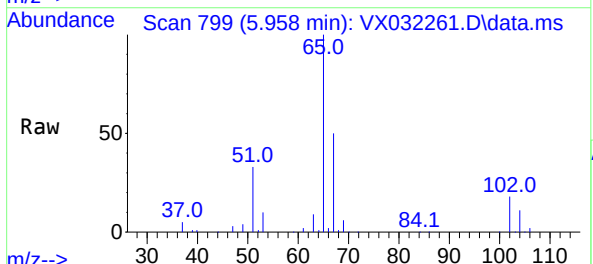
Instrument :
MSVOA_X
ClientSampleId :
INF1022

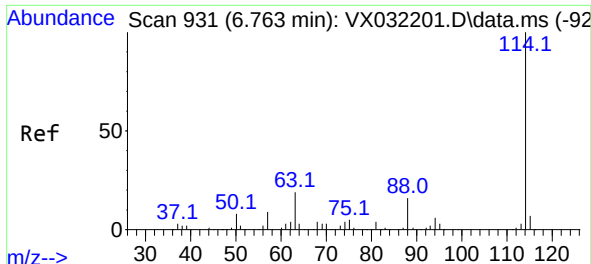
Tgt Ion: 56 Resp: 74135
Ion Ratio Lower Upper
56 100
69 27.7 25.4 38.0
84 91.4 71.2 106.8



#33
1,2-Dichloroethane-d4
Concen: 48.477 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion: 65 Resp: 101730
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.6

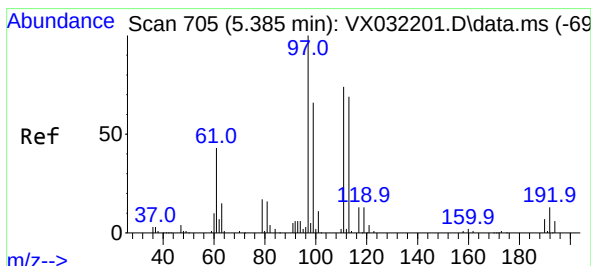
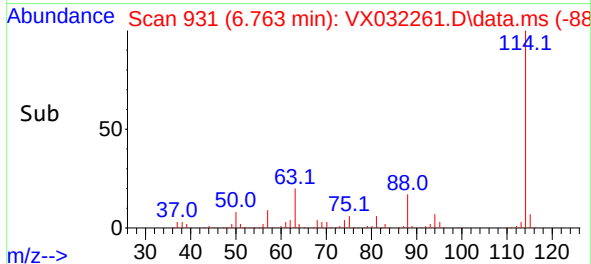
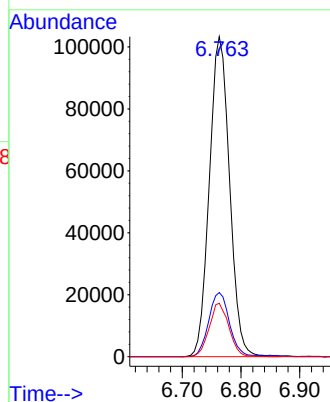
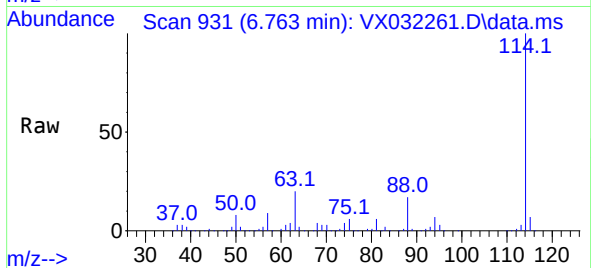




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

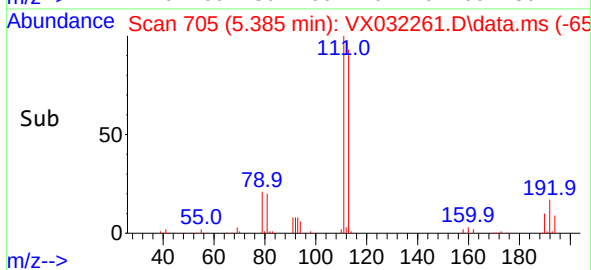
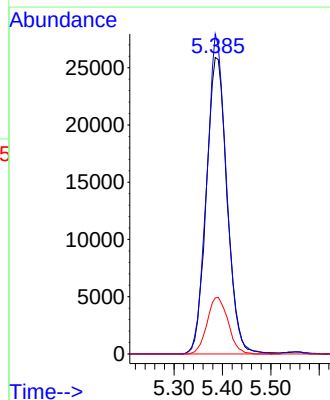
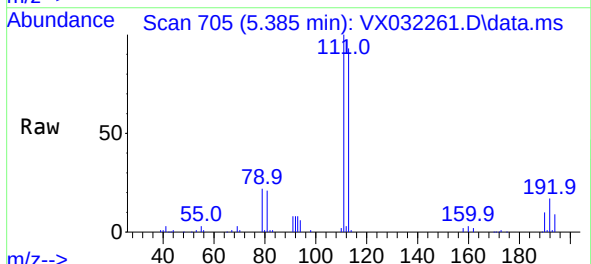
Instrument :
MSVOA_X
ClientSampleId :
INF1022

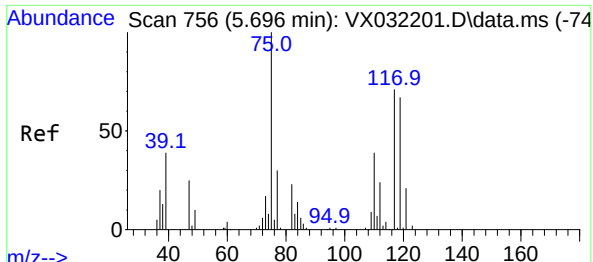
Tgt Ion:114 Resp: 246583
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.6
88 16.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 45.037 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion:113 Resp: 77279
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 19.3 15.5 23.3

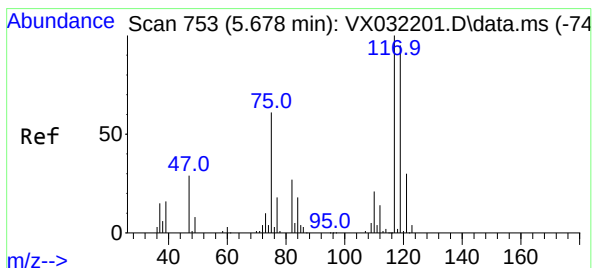
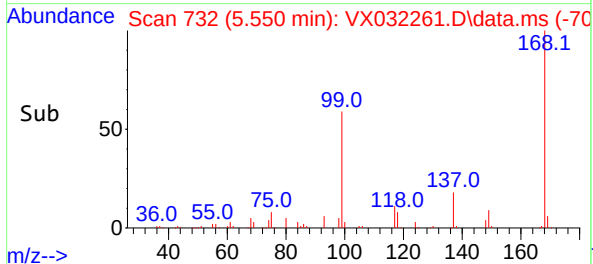
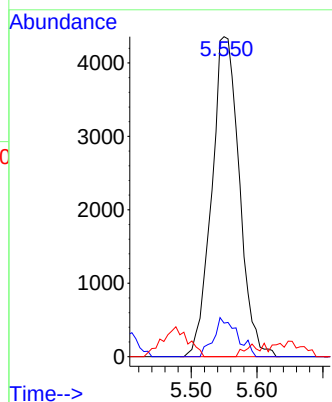
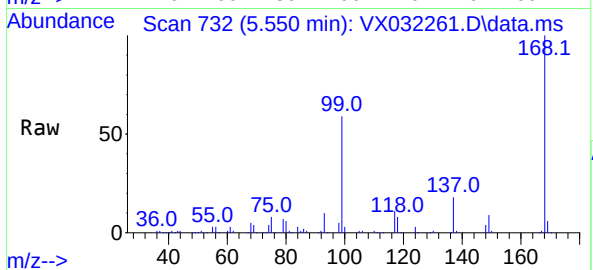




#36
1,1-Dichloropropene
Concen: 5.776 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

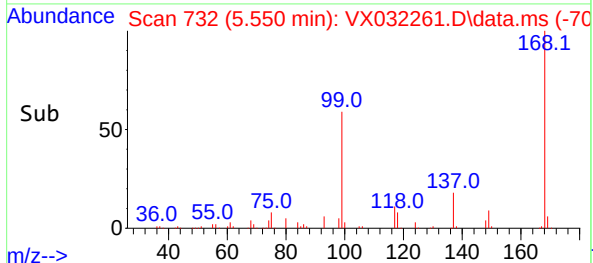
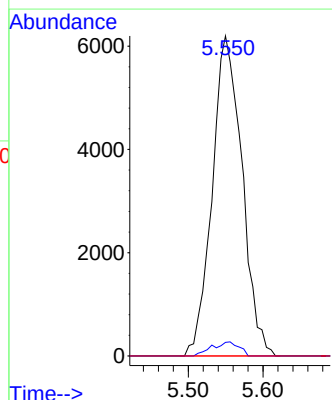
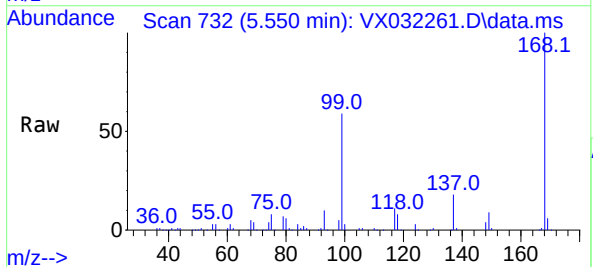
Instrument :
MSVOA_X
ClientSampleId :
INF1022

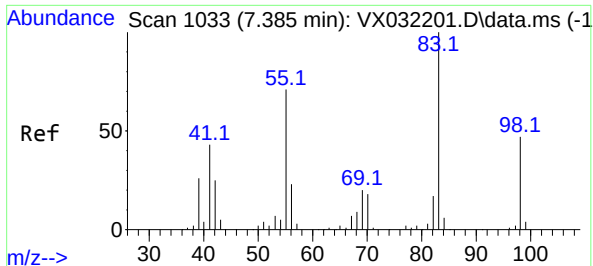
Tgt Ion: 75 Resp: 12749
Ion Ratio Lower Upper
75 100
110 10.5 18.4 55.0#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.379 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion: 117 Resp: 17194
Ion Ratio Lower Upper
117 100
119 4.2 75.4 113.0#
121 0.0 23.9 35.9#





#39

Methylcyclohexane

Concen: 13.429 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX032261.D

Acq: 20 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

INF1022

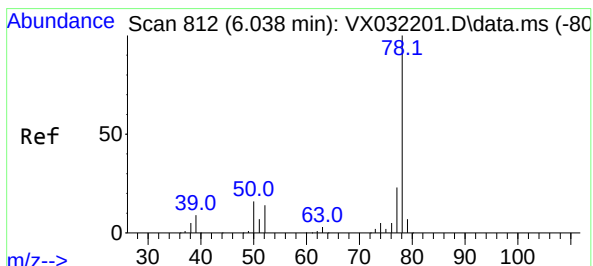
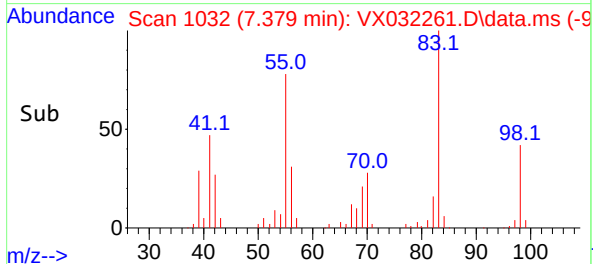
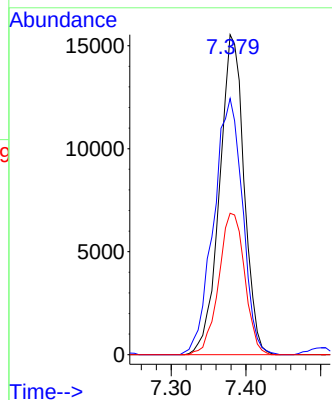
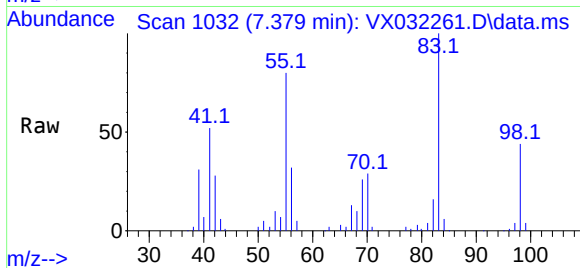
Tgt Ion: 83 Resp: 35410

Ion Ratio Lower Upper

83 100

55 80.1 56.6 85.0

98 44.2 37.4 56.0



#40

Benzene

Concen: 285.453 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX032261.D

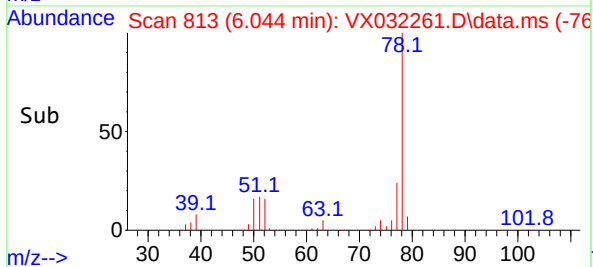
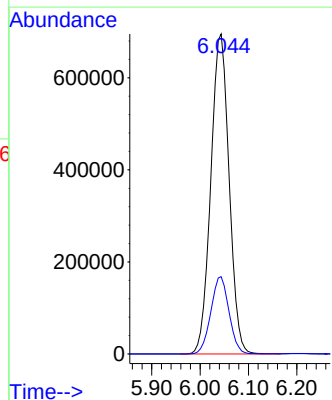
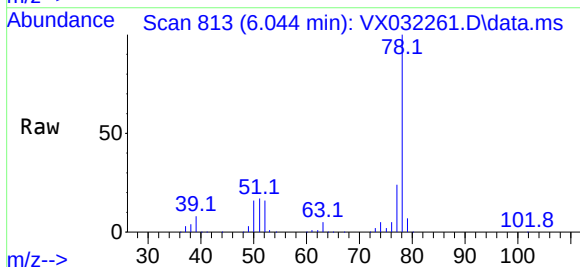
Acq: 20 Oct 2022 14:33

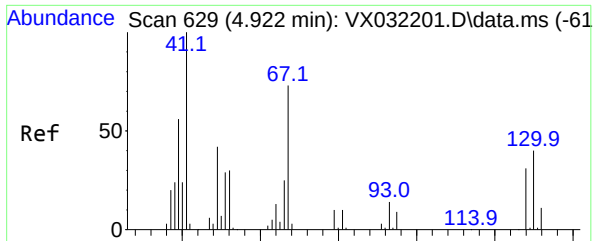
Tgt Ion: 78 Resp: 1826118

Ion Ratio Lower Upper

78 100

77 24.2 18.6 27.8



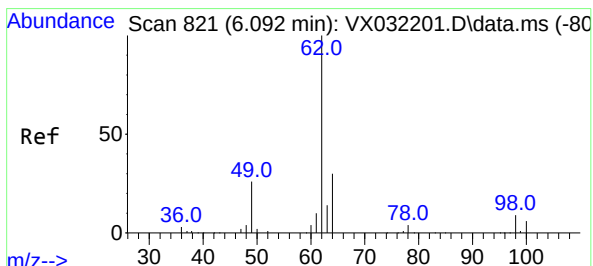
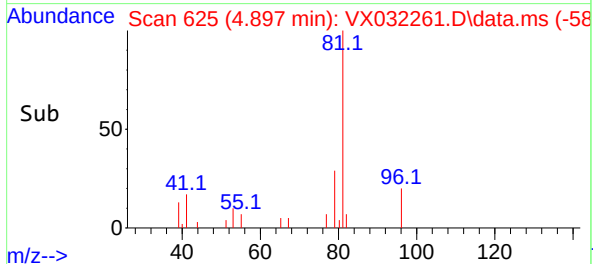
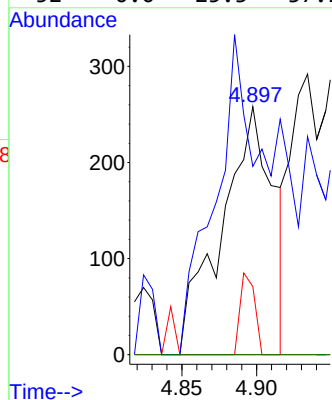
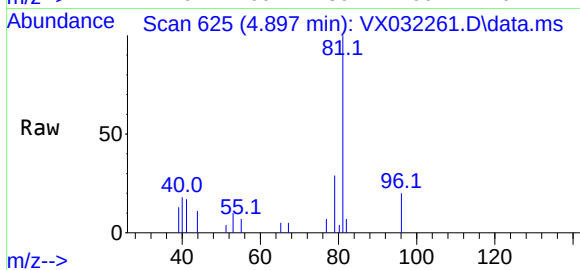


#41
Methacrylonitrile
Concen: 0.544 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.025 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Instrument :
MSVOA_X
ClientSampleId :
INF1022

Tgt Ion: 41 Resp: 620

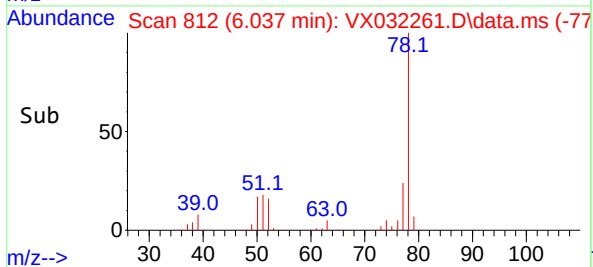
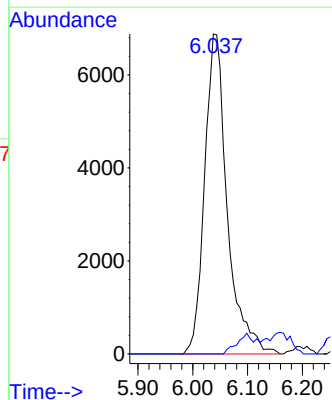
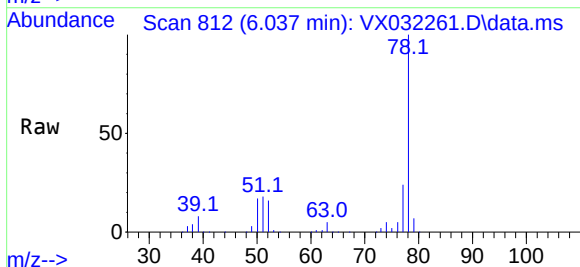
Ion	Ratio	Lower	Upper
41	100		
39	110.8	45.5	68.3#
67	0.0	59.4	89.2#
52	0.0	25.3	37.9#

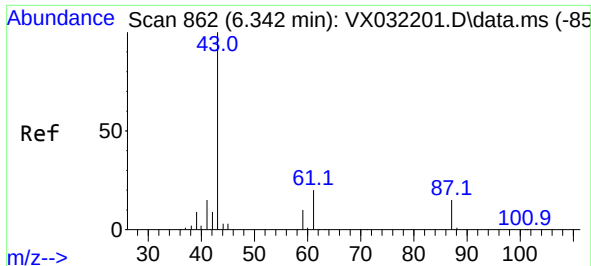


#42
1,2-Dichloroethane
Concen: 8.055 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.055 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion: 62 Resp: 19738

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.4





#43

Isopropyl Acetate

Concen: 0.605 ug/l

RT: 6.361 min Scan# 80

Delta R.T. 0.019 min

Lab File: VX032261.D

Acq: 20 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

INF1022

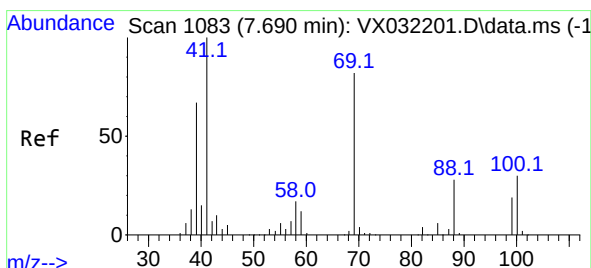
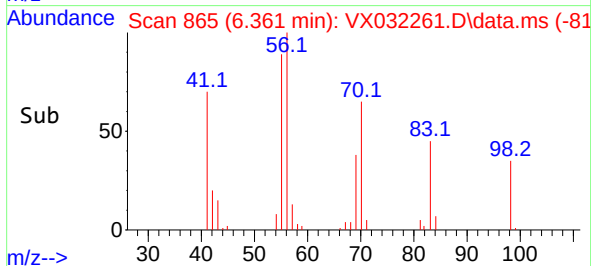
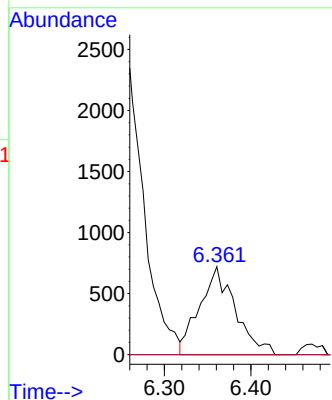
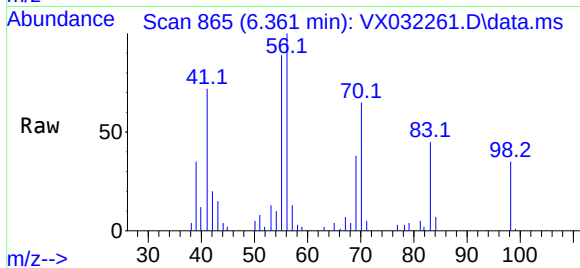
Tgt Ion: 43 Resp: 2053

Ion Ratio Lower Upper

43 100

61 0.0 15.5 23.3#

87 0.0 11.0 16.6#



#48

Methyl methacrylate

Concen: 2.608 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.031 min

Lab File: VX032261.D

Acq: 20 Oct 2022 14:33

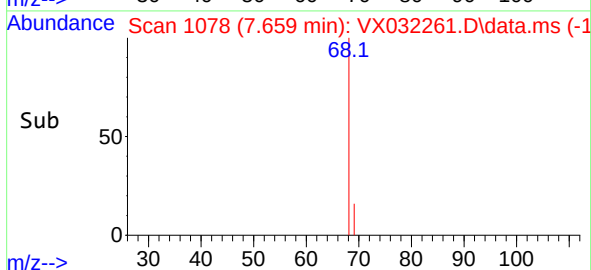
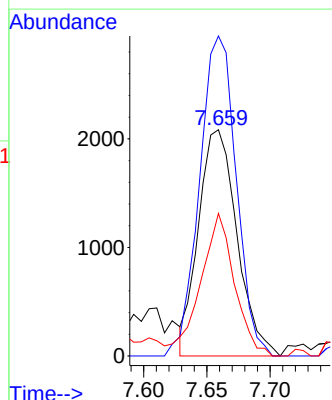
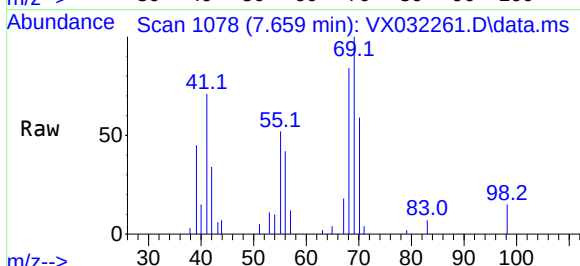
Tgt Ion: 41 Resp: 4411

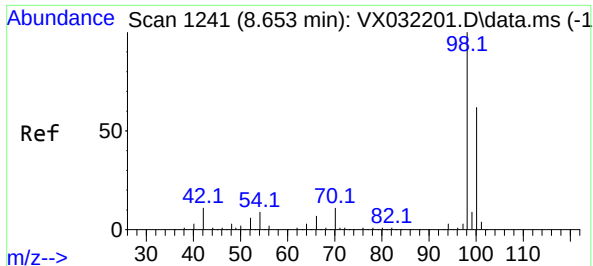
Ion Ratio Lower Upper

41 100

69 135.1 67.3 100.9#

39 55.7 53.8 80.8





#50

Toluene-d8

Concen: 48.567 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032261.D

Acq: 20 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

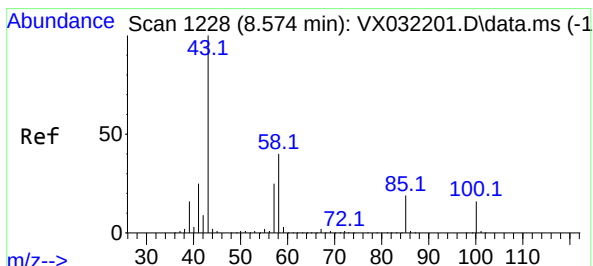
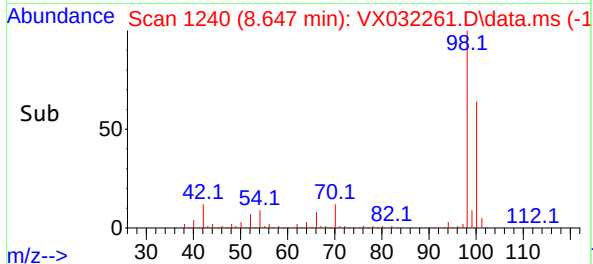
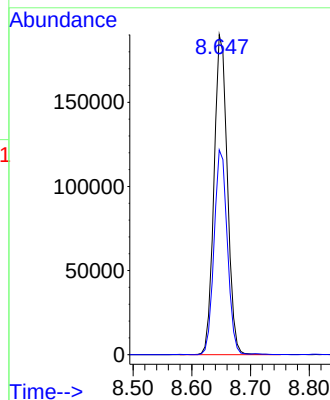
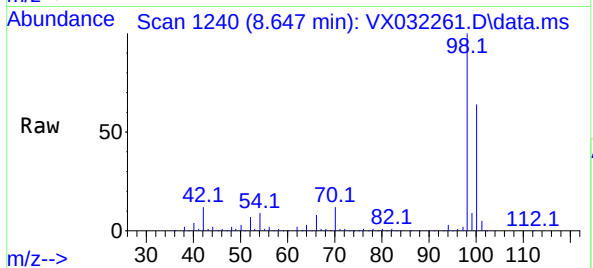
INF1022

Tgt Ion: 98 Resp: 299982

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 0.617 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX032261.D

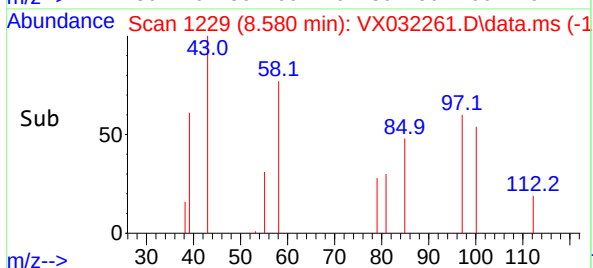
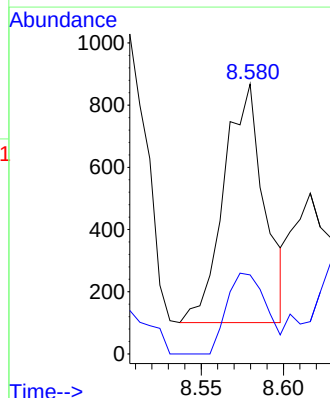
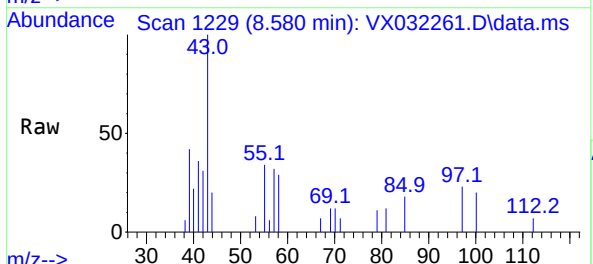
Acq: 20 Oct 2022 14:33

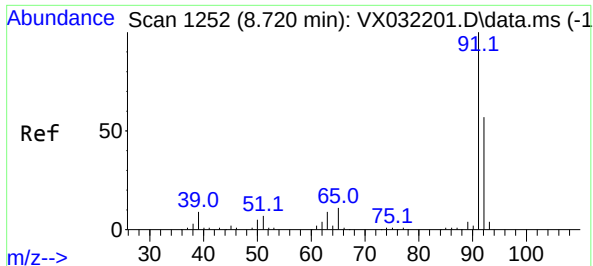
Tgt Ion: 43 Resp: 1312

Ion Ratio Lower Upper

43 100

58 33.3 31.0 46.4

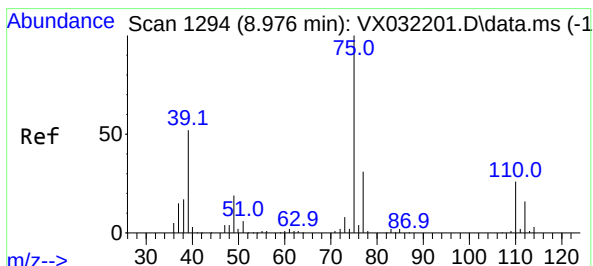
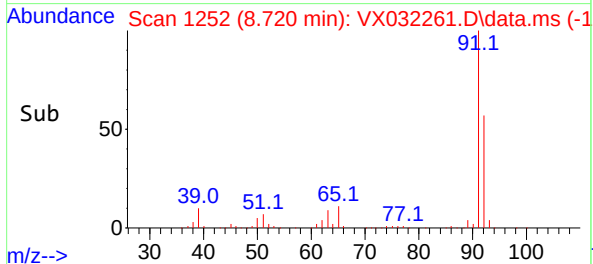
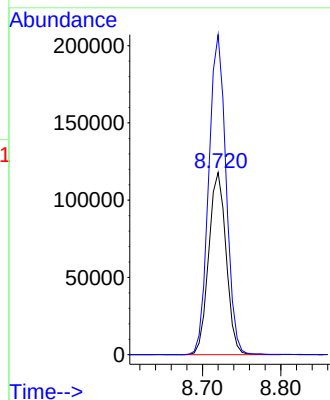
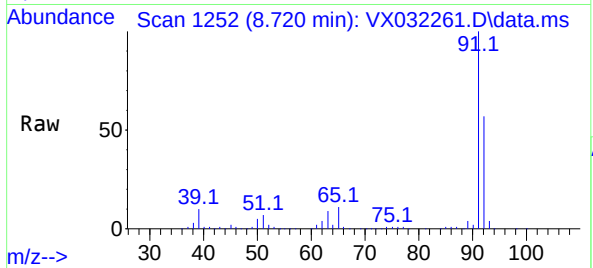




#52
Toluene
Concen: 43.899 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

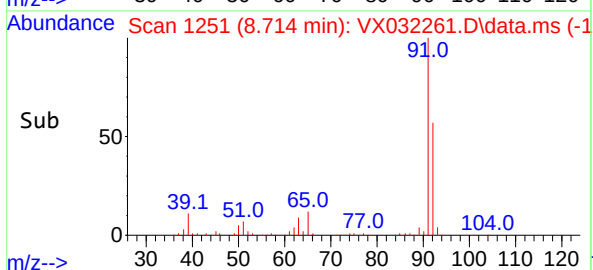
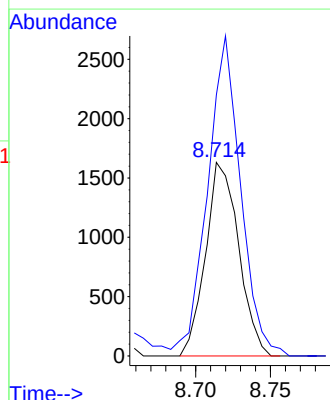
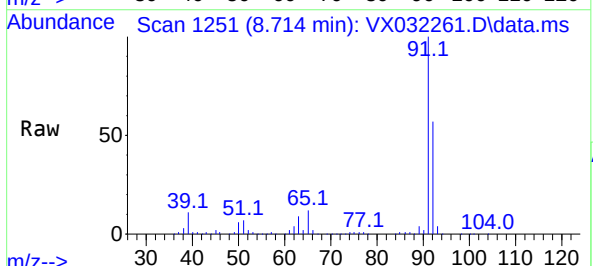
Instrument :
MSVOA_X
ClientSampleId :
INF1022

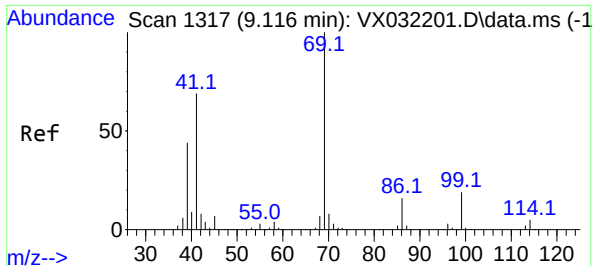
Tgt Ion: 92 Resp: 181921
Ion Ratio Lower Upper
92 100
91 174.9 140.3 210.5



#53
t-1,3-Dichloropropene
Concen: 2.784 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.262 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion: 75 Resp: 2511
Ion Ratio Lower Upper
75 100
77 130.9 25.2 37.8#

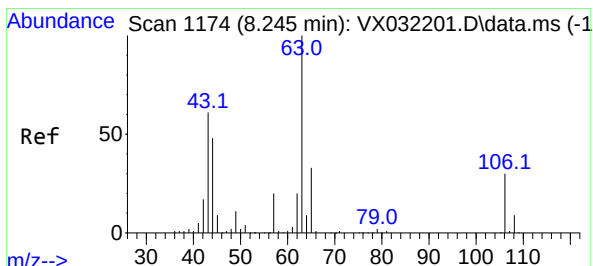
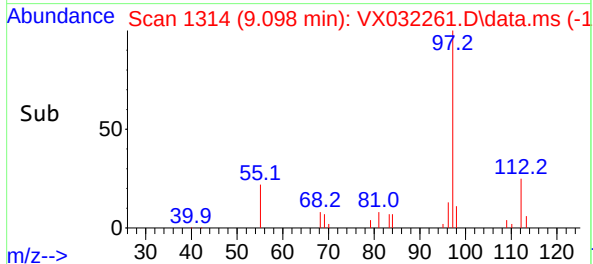
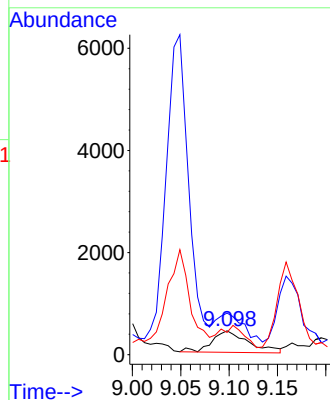
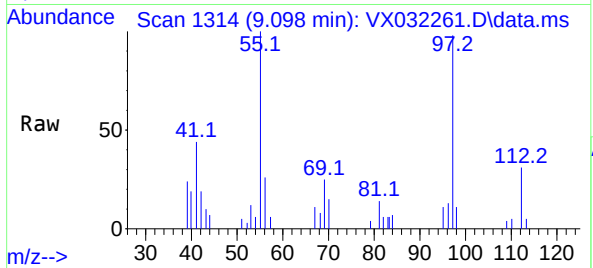




#56
Ethyl methacrylate
Concen: 0.459 ug/l
RT: 9.098 min Scan# 1112
Delta R.T. -0.018 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

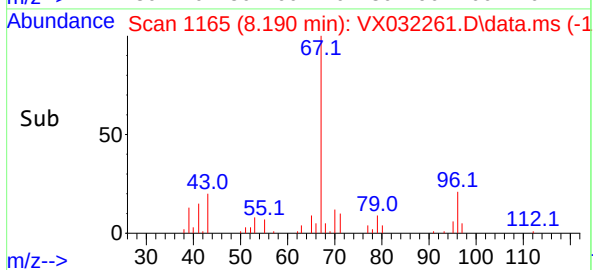
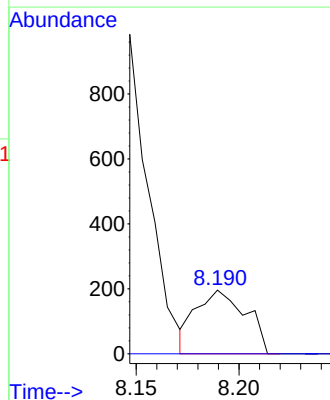
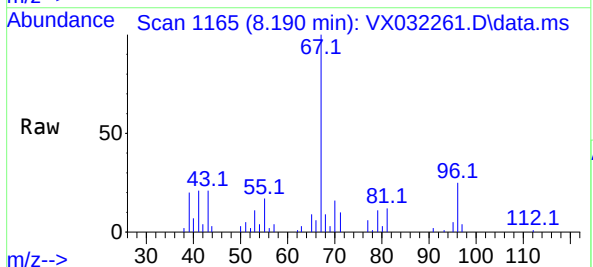
Instrument :
MSVOA_X
ClientSampleId :
INF1022

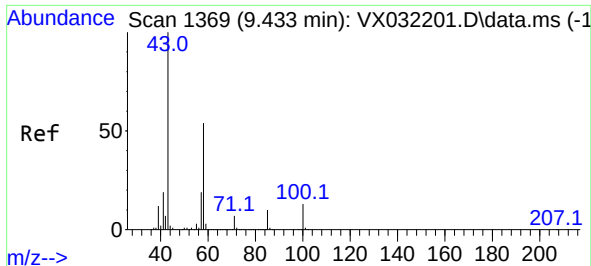
Tgt Ion: 69 Resp: 1112
Ion Ratio Lower Upper
69 100
41 96.3 54.5 81.7#
39 59.3 35.7 53.5#



#58
2-Chloroethyl Vinyl ether
Concen: 0.297 ug/l
RT: 8.190 min Scan# 1165
Delta R.T. -0.055 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion: 63 Resp: 330
Ion Ratio Lower Upper
63 100
106 0.0 23.6 35.4#





#59

2-Hexanone

Concen: 1.641 ug/l

RT: 9.451 min Scan# 11

Delta R.T. 0.018 min

Lab File: VX032261.D

Acq: 20 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

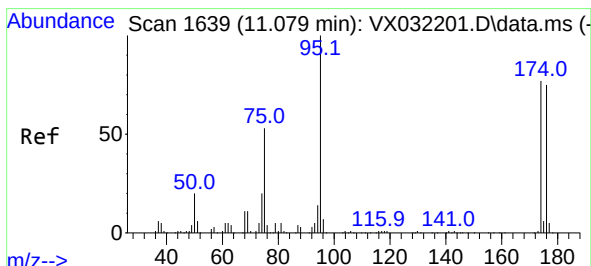
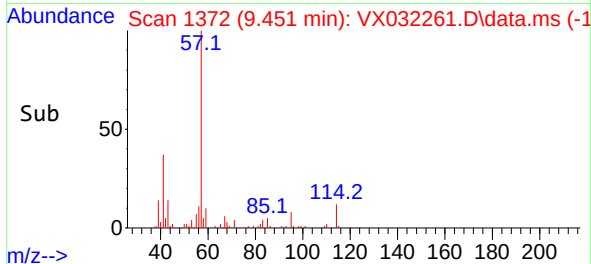
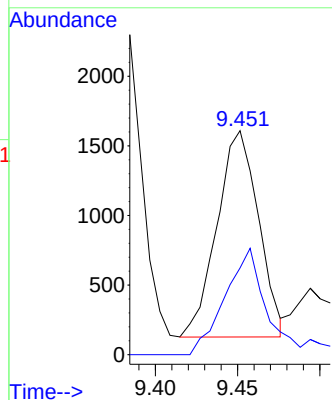
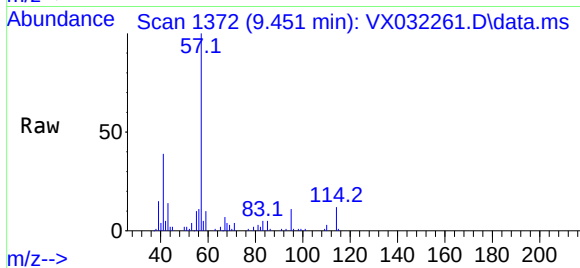
INF1022

Tgt Ion: 43 Resp: 2603

Ion Ratio Lower Upper

43 100

58 49.9 26.7 80.1



#62

4-Bromofluorobenzene

Concen: 49.801 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032261.D

Acq: 20 Oct 2022 14:33

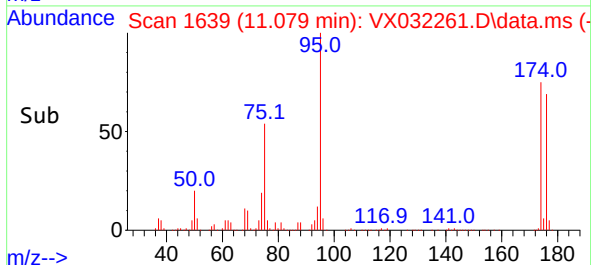
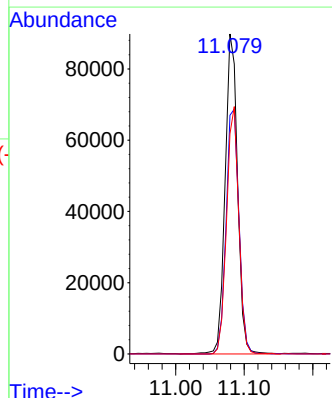
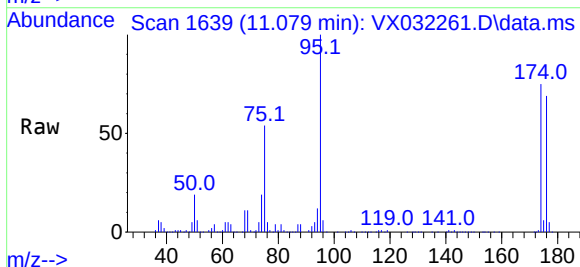
Tgt Ion: 95 Resp: 112639

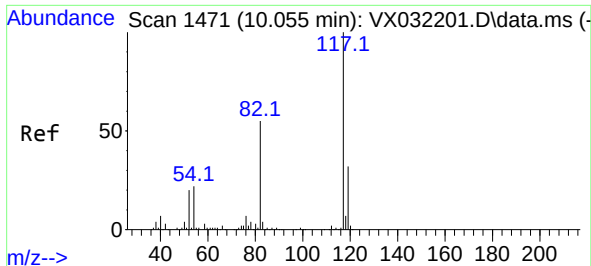
Ion Ratio Lower Upper

95 100

174 79.1 0.0 166.8

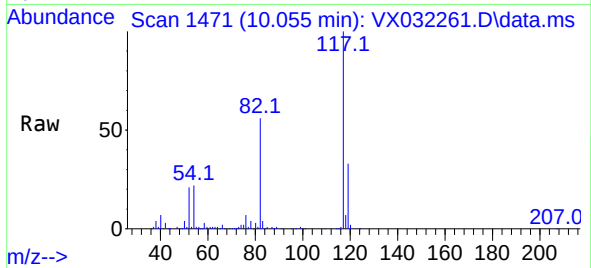
176 75.8 0.0 161.4



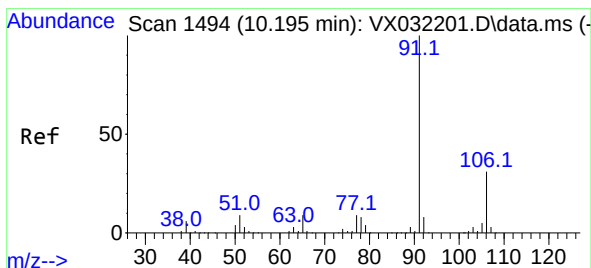
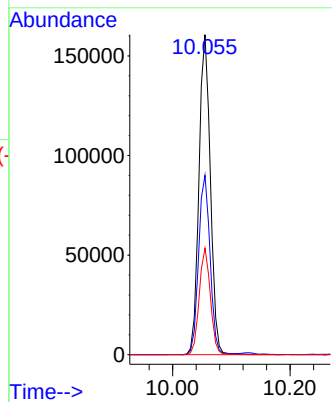
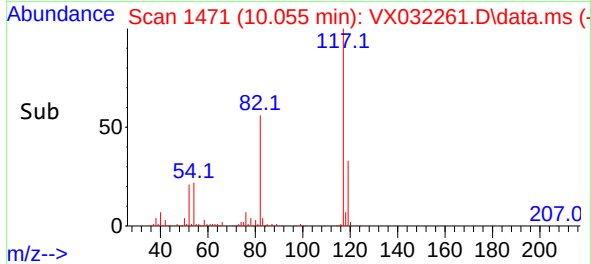


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Instrument :
MSVOA_X
ClientSampleId :
INF1022

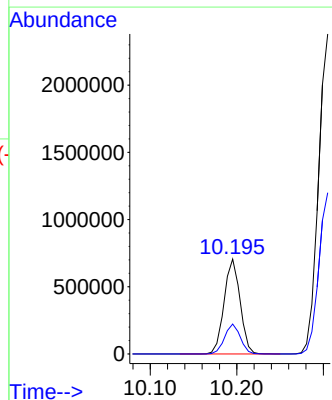
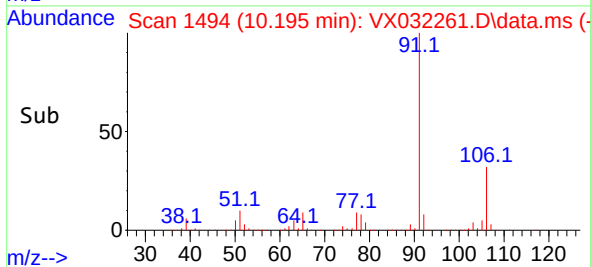
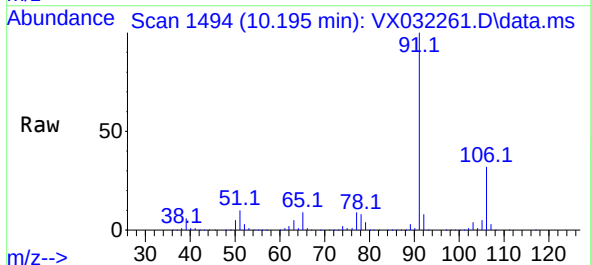


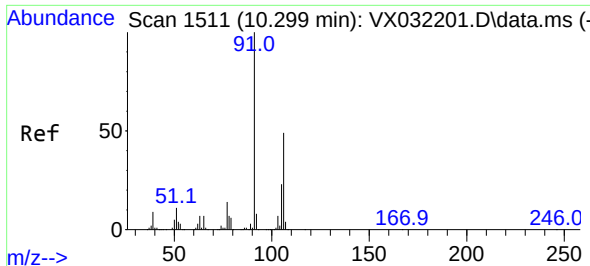
Tgt Ion:117 Resp: 216138
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.4
119 33.3 25.8 38.8



#67
Ethyl Benzene
Concen: 115.175 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion: 91 Resp: 903629
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.4

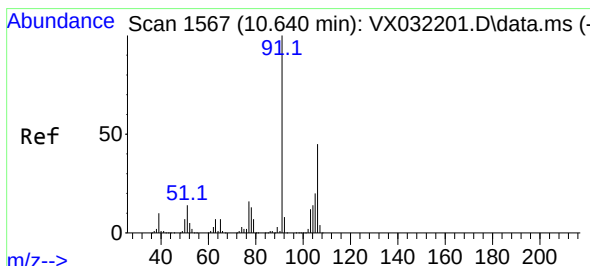
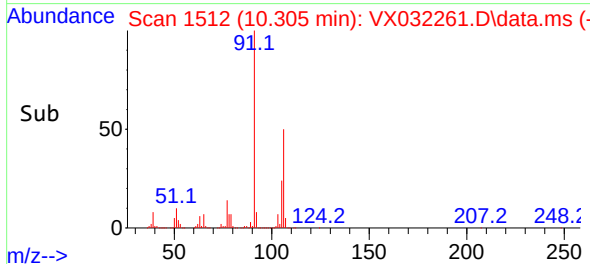
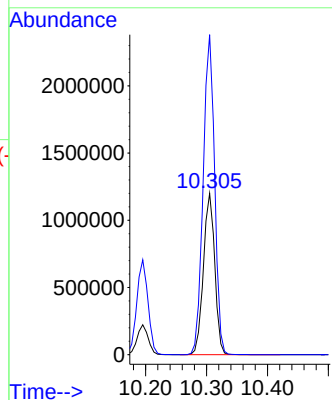
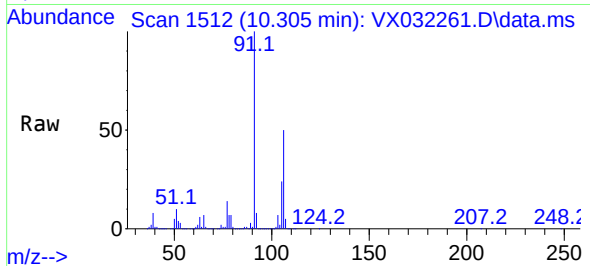




#68
m/p-Xylenes
Concen: 501.662 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

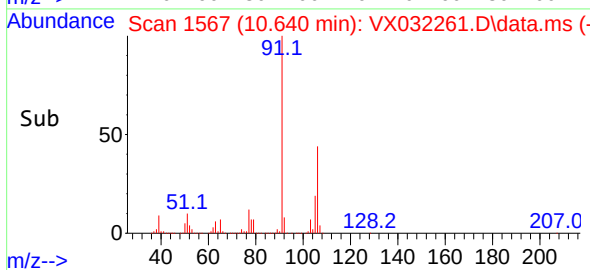
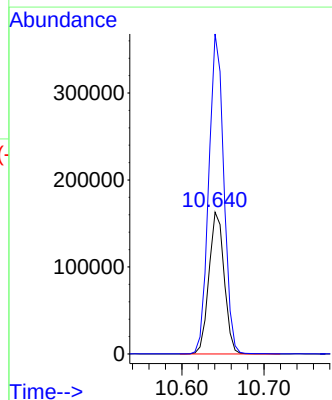
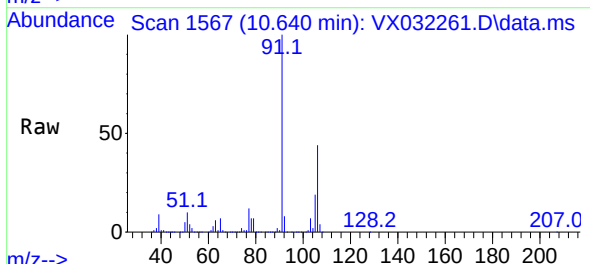
Instrument :
MSVOA_X
ClientSampleId :
INF1022

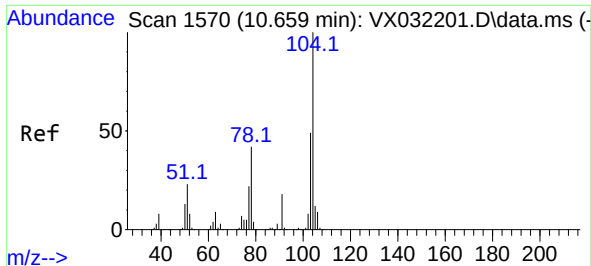
Tgt Ion:106 Resp: 1554335
Ion Ratio Lower Upper
106 100
91 200.7 162.6 244.0



#69
o-Xylene
Concen: 70.790 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion:106 Resp: 210120
Ion Ratio Lower Upper
106 100
91 221.9 108.3 324.9

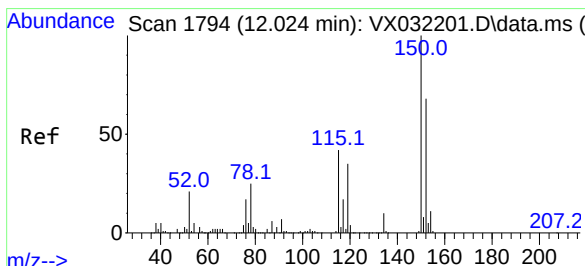
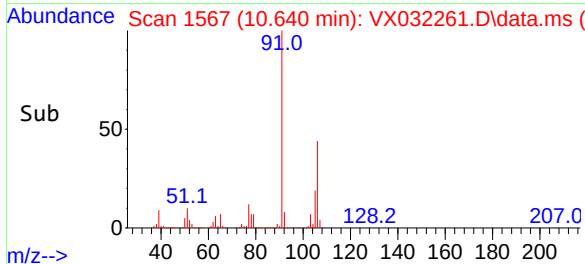
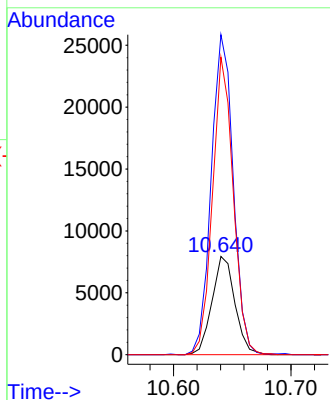
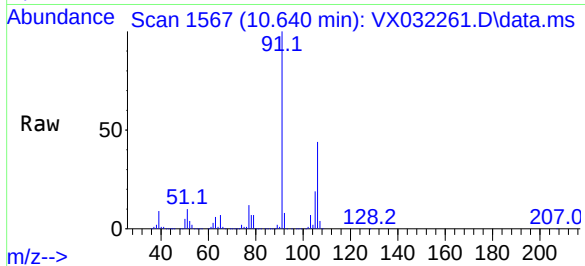




#70
Styrene
Concen: 2.153 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.019 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

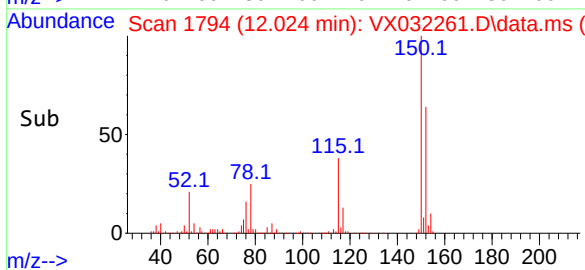
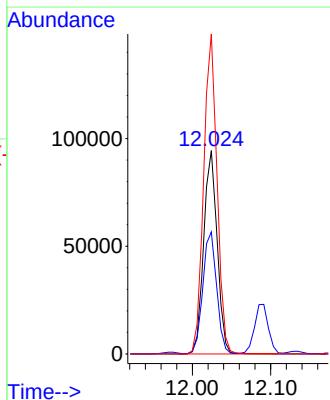
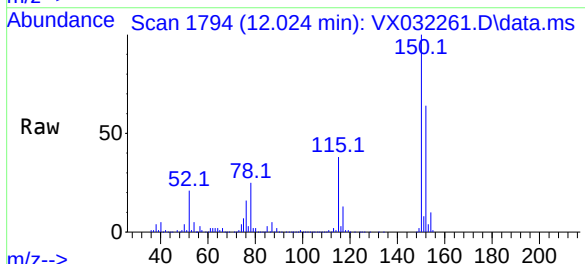
Instrument :
MSVOA_X
ClientSampleId :
INF1022

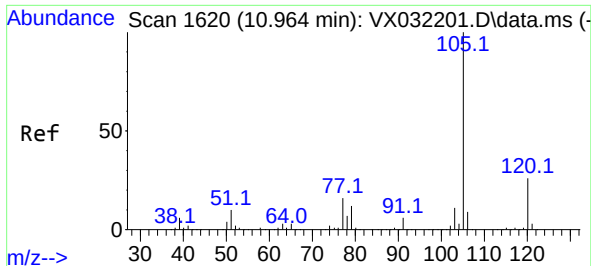
Tgt Ion:104 Resp: 10776
Ion Ratio Lower Upper
104 100
78 312.5 40.8 61.2#
103 273.8 44.2 66.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion:152 Resp: 112621
Ion Ratio Lower Upper
152 100
115 61.2 43.1 129.4
150 156.1 0.0 348.6

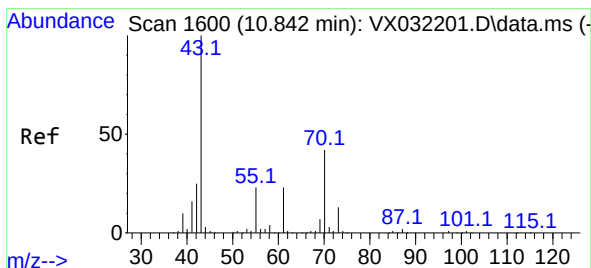
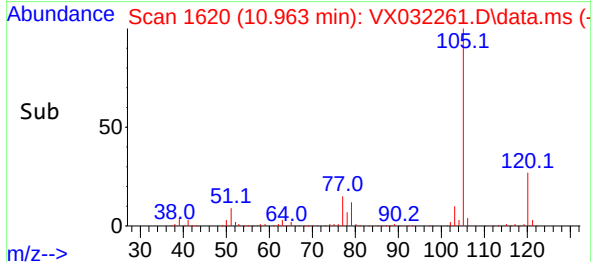
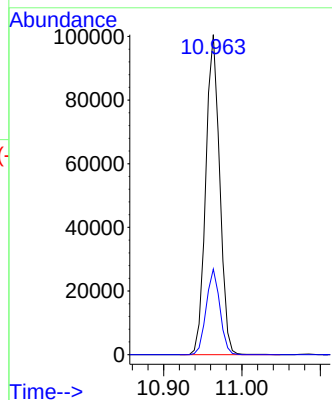
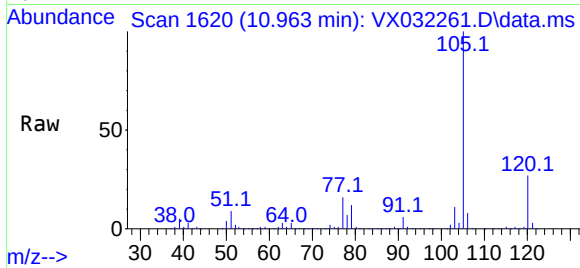




#73
Isopropylbenzene
Concen: 15.389 ug/l
RT: 10.963 min Scan# 1607
Delta R.T. -0.001 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

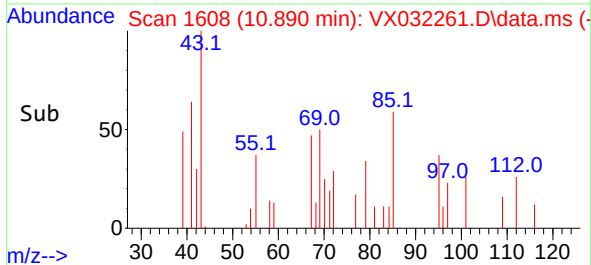
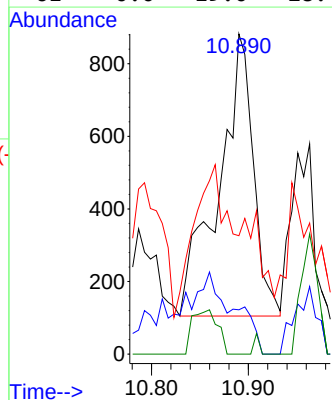
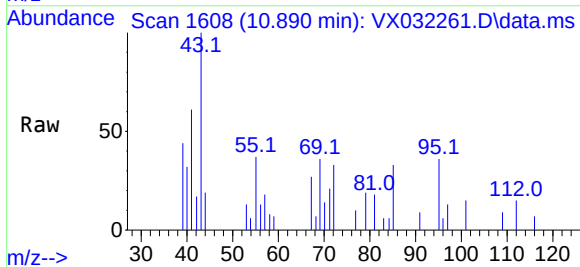
Instrument :
MSVOA_X
ClientSampleId :
INF1022

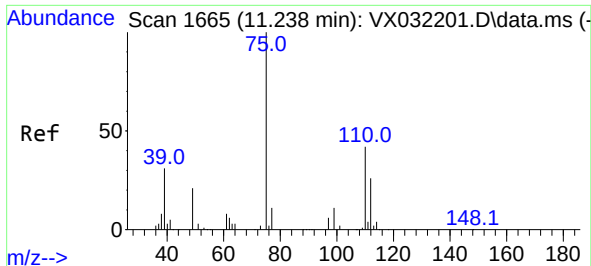
Tgt Ion:105 Resp: 123666
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6



#74
N-ethyl acetate
Concen: 0.650 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.048 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion: 43 Resp: 1930
Ion Ratio Lower Upper
43 100
70 0.0 33.9 50.9#
55 0.0 19.1 28.7#
61 0.0 19.0 28.4#

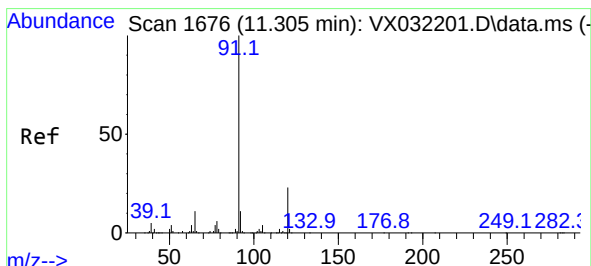
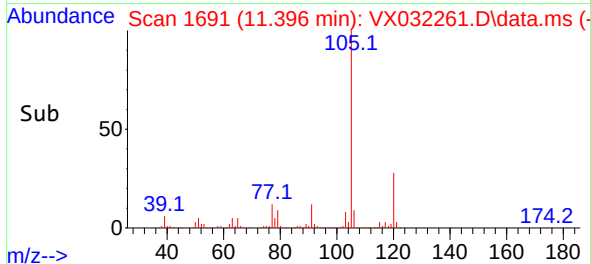
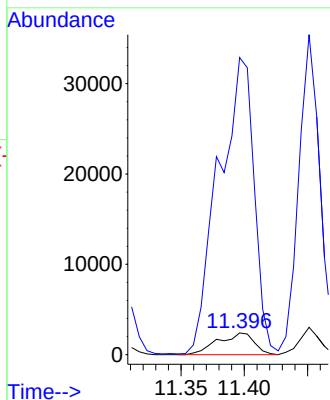
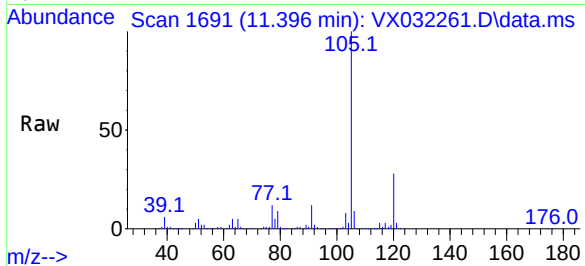




#76
1,2,3-Trichloropropane
Concen: 2.150 ug/l
RT: 11.396 min Scan# 1691
Delta R.T. 0.158 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

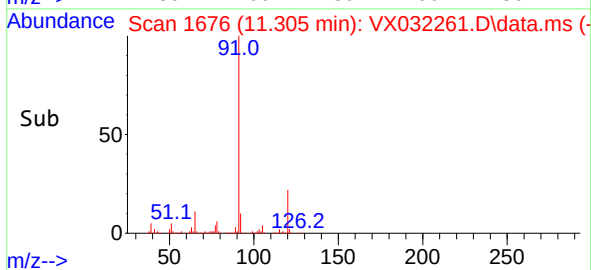
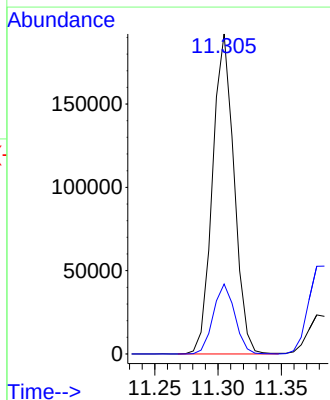
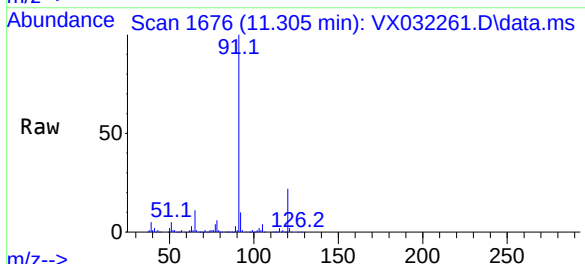
Instrument :
MSVOA_X
ClientSampleId :
INF1022

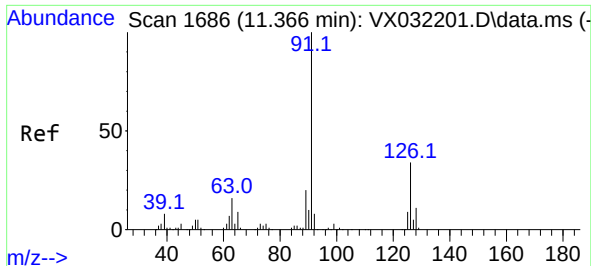
Tgt Ion: 75 Resp: 4797
Ion Ratio Lower Upper
75 100
77 1333.9 16.0 47.9#



#78
n-propylbenzene
Concen: 24.645 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion: 91 Resp: 226777
Ion Ratio Lower Upper
91 100
120 21.8 11.6 34.8

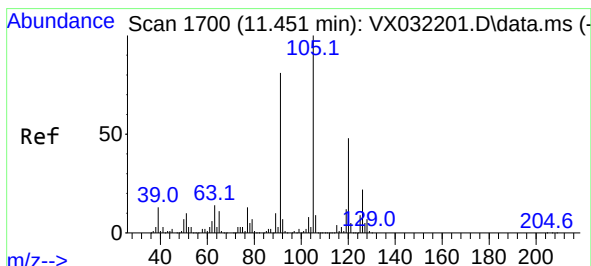
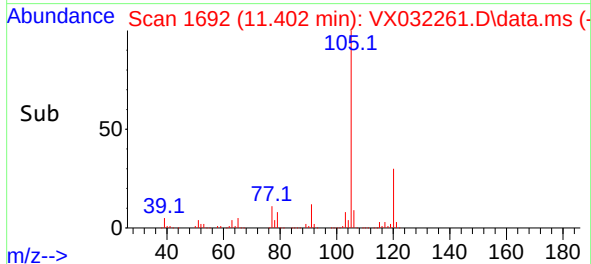
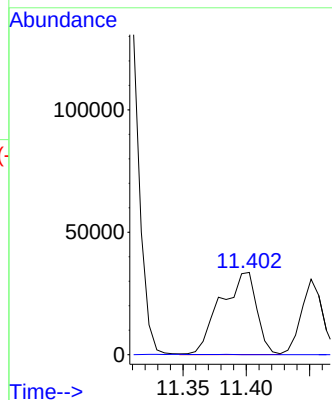
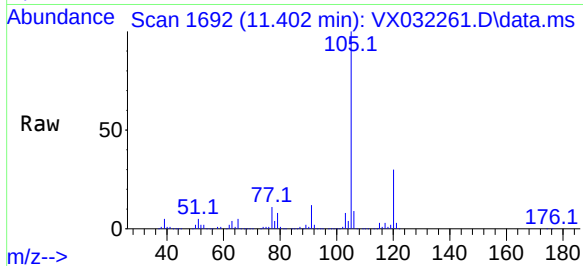




#79
2-Chlorotoluene
Concen: 12.067 ug/l
RT: 11.402 min Scan# 11
Delta R.T. 0.036 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

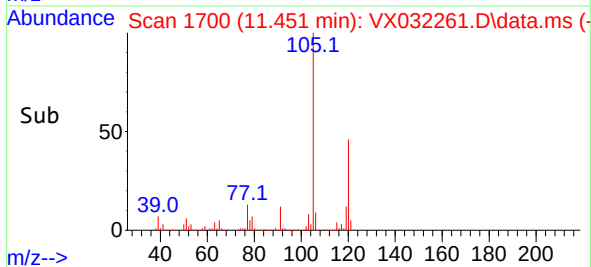
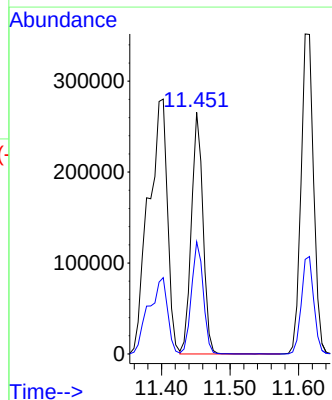
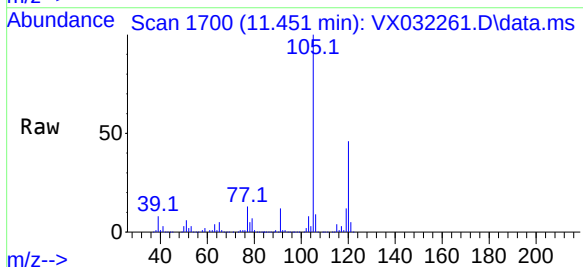
Instrument :
MSVOA_X
ClientSampleId :
INF1022

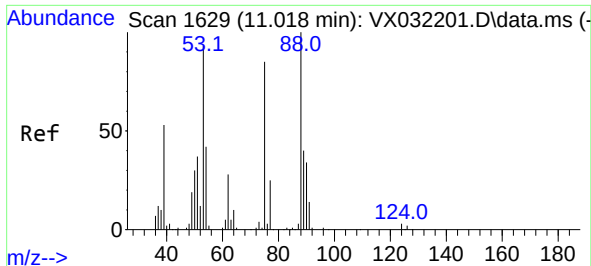
Tgt Ion: 91 Resp: 66917
Ion Ratio Lower Upper
91 100
126 0.2 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 44.951 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion: 105 Resp: 312010
Ion Ratio Lower Upper
105 100
120 47.3 23.5 70.6

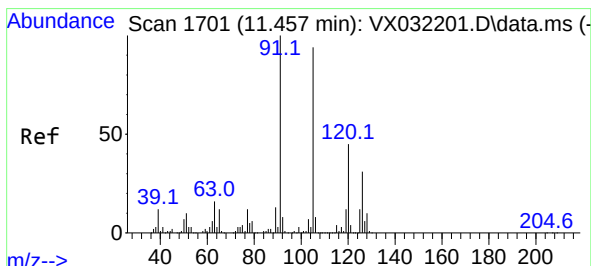
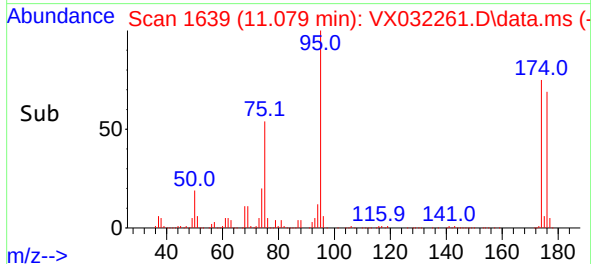
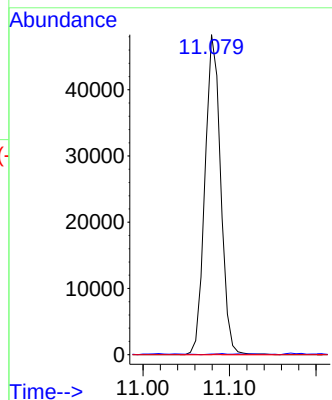
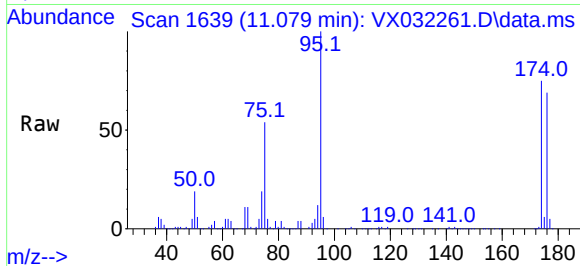




#81
trans-1,4-Dichloro-2-butene
Concen: 83.519 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

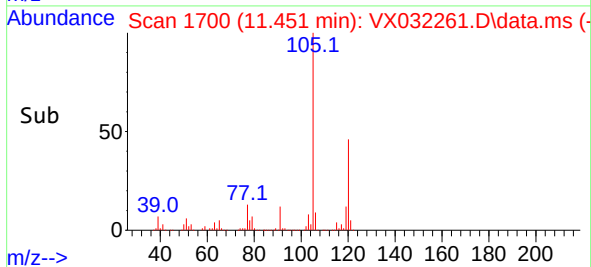
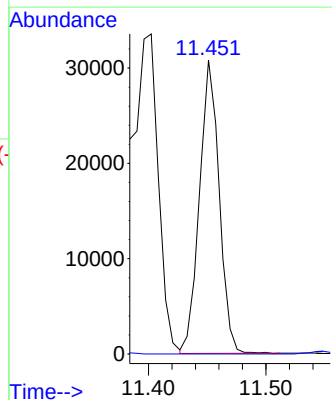
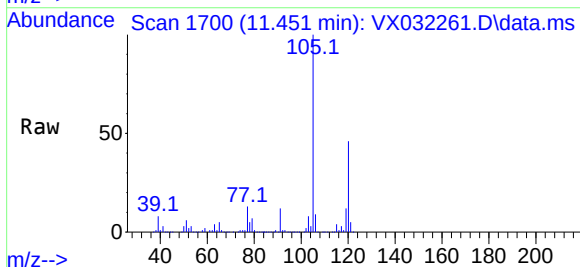
Instrument :
MSVOA_X
ClientSampleId :
INF1022

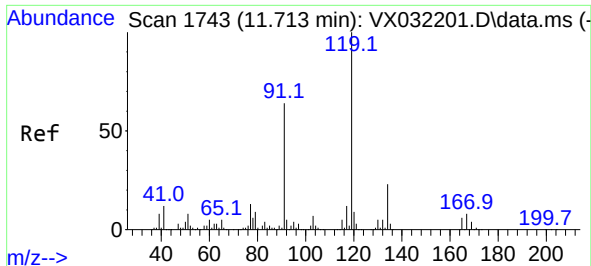
Tgt Ion: 75 Resp: 60714
Ion Ratio Lower Upper
75 100
53 0.4 87.8 131.8#
89 0.0 37.8 56.8#



#82
4-Chlorotoluene
Concen: 5.556 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion: 91 Resp: 35873
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#

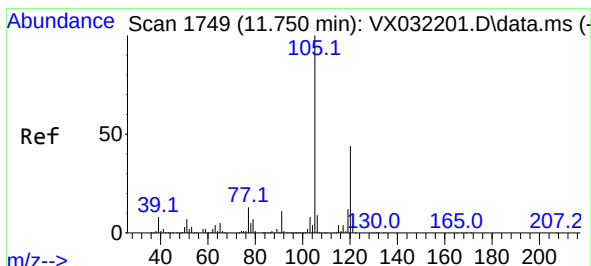
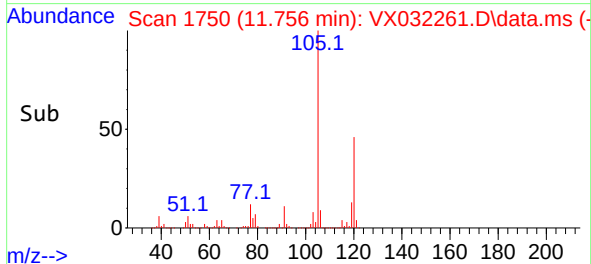
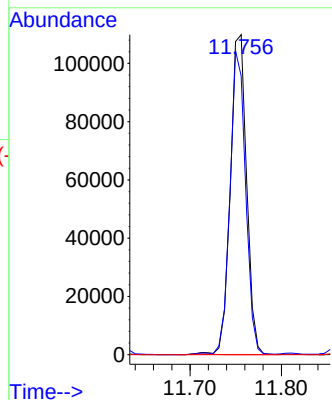
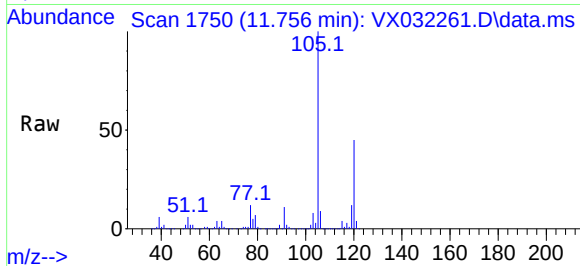




#83
tert-Butylbenzene
Concen: 19.551 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.043 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

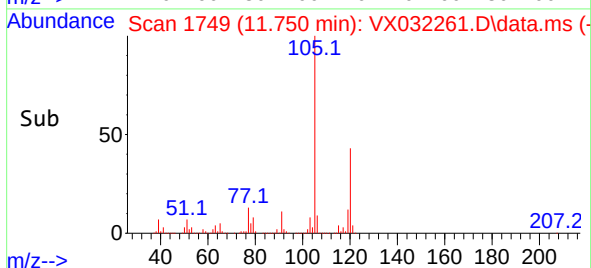
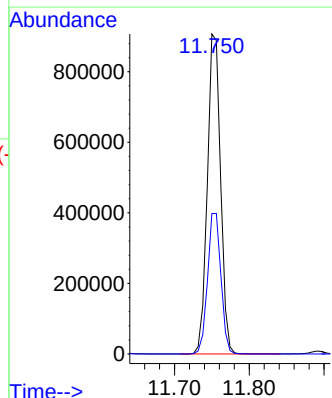
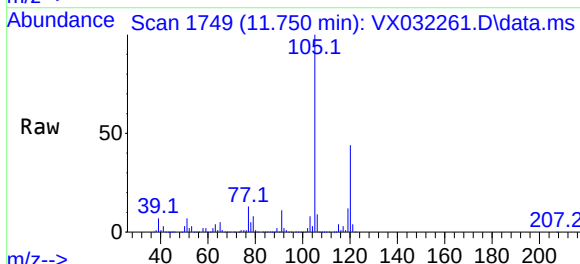
Instrument :
MSVOA_X
ClientSampleId :
INF1022

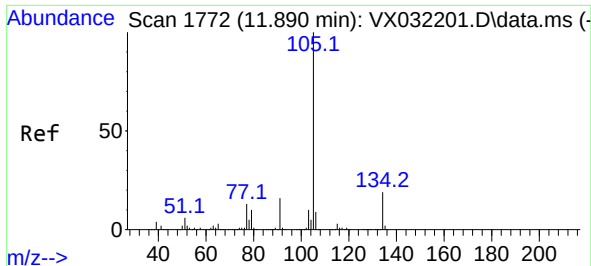
Tgt Ion:119 Resp: 135778
Ion Ratio Lower Upper
119 100
91 91.9 29.1 87.3#
134 0.0 11.3 33.8#



#84
1,2,4-Trimethylbenzene
Concen: 165.023 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion:105 Resp: 1113646
Ion Ratio Lower Upper
105 100
120 44.4 22.1 66.1

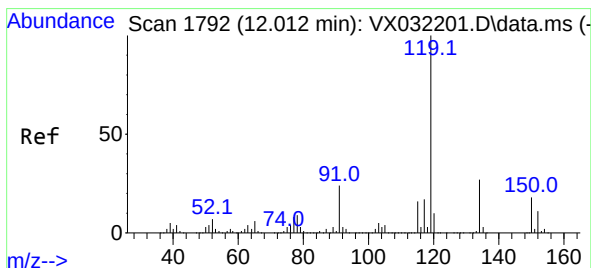
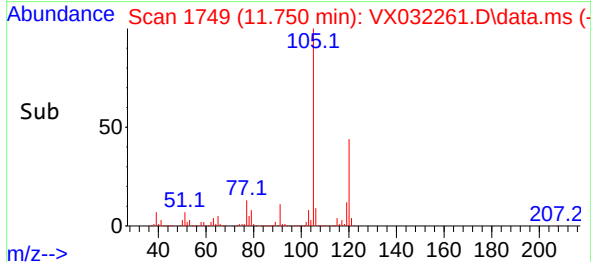
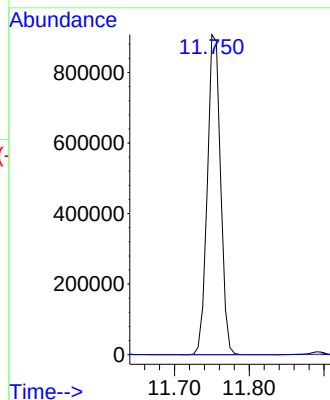
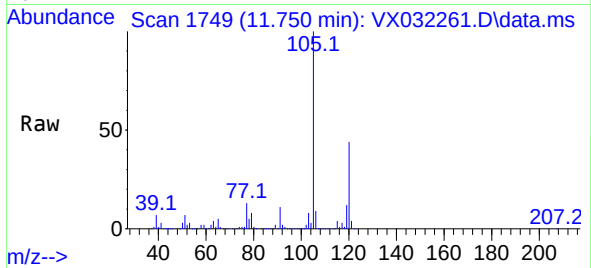




#85
sec-Butylbenzene
Concen: 132.687 ug/l
RT: 11.750 min Scan# 1113646
Delta R.T. -0.140 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

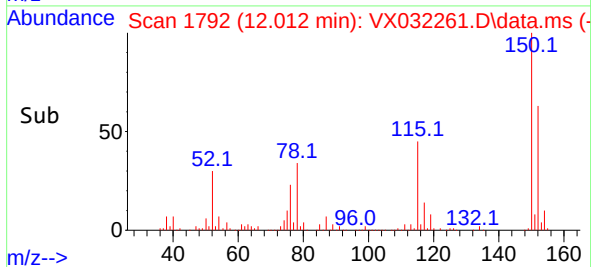
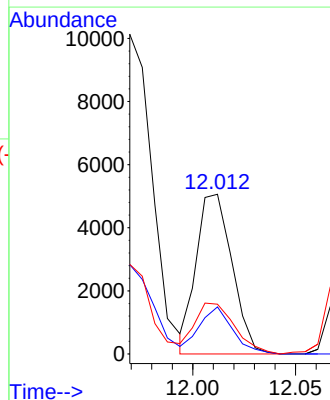
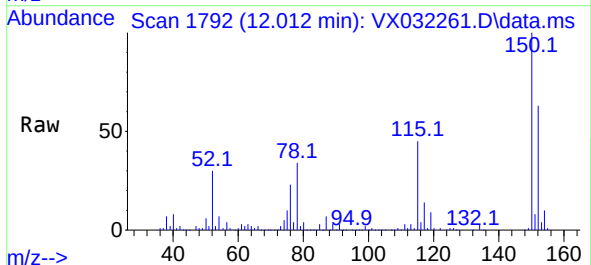
Instrument :
MSVOA_X
ClientSampleId :
INF1022

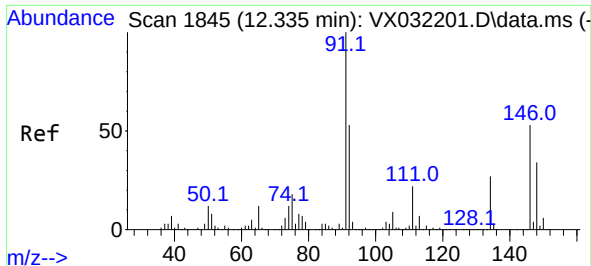
Tgt Ion:105 Resp: 1113646
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.3#



#86
p-Isopropyltoluene
Concen: 0.859 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion:119 Resp: 6137
Ion Ratio Lower Upper
119 100
134 27.5 13.2 39.5
91 0.0 12.4 37.2#





#89

n-Butylbenzene

Concen: 4.194 ug/l

RT: 12.317 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX032261.D

Acq: 20 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

INF1022

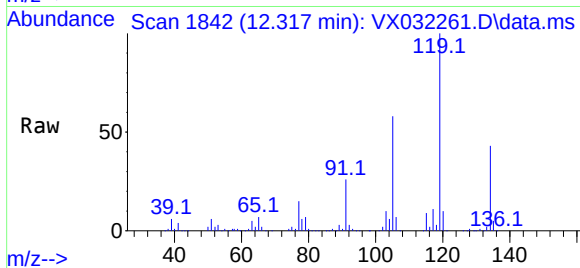
Tgt Ion: 91 Resp: 26383

Ion Ratio Lower Upper

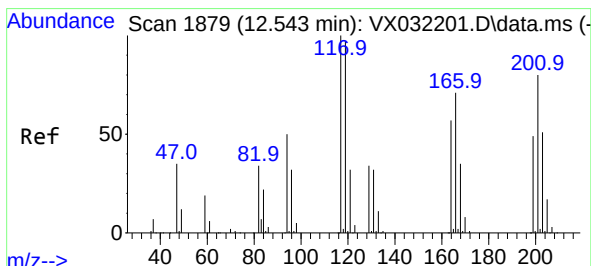
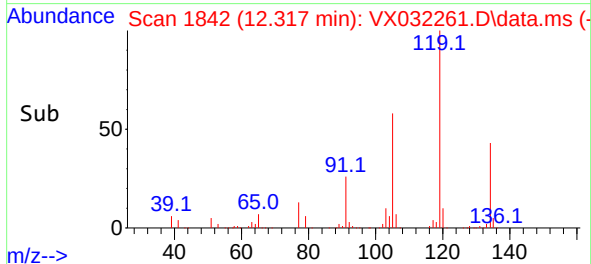
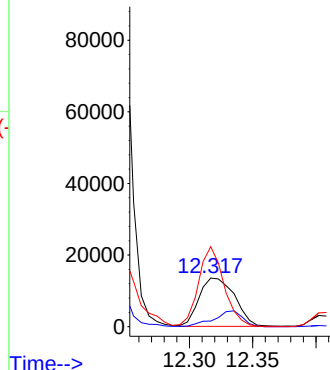
91 100

92 26.7 26.3 78.9

134 119.3 13.0 39.0#



Abundance



#90

Hexachloroethane

Concen: 31.275 ug/l

RT: 12.646 min Scan# 1896

Delta R.T. 0.103 min

Lab File: VX032261.D

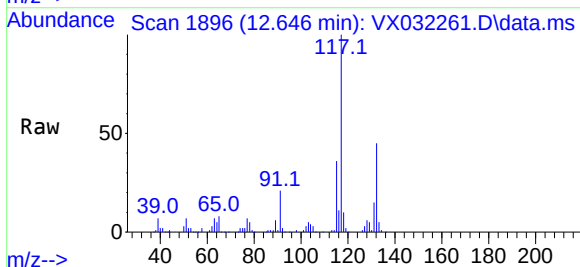
Acq: 20 Oct 2022 14:33

Tgt Ion: 117 Resp: 34657

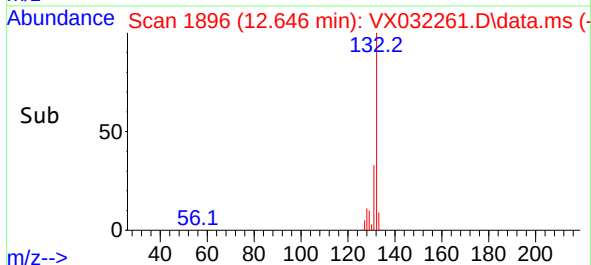
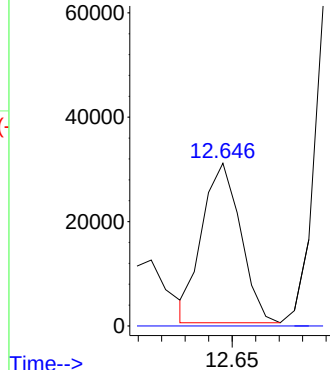
Ion Ratio Lower Upper

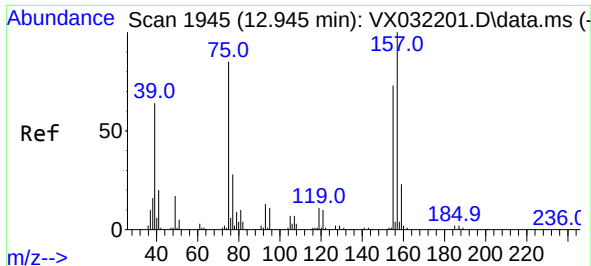
117 100

201 0.0 38.5 115.3#



Abundance





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.730 ug/l

RT: 12.957 min Scan# 1945

Delta R.T. 0.012 min

Lab File: VX032261.D

Acq: 20 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

INF1022

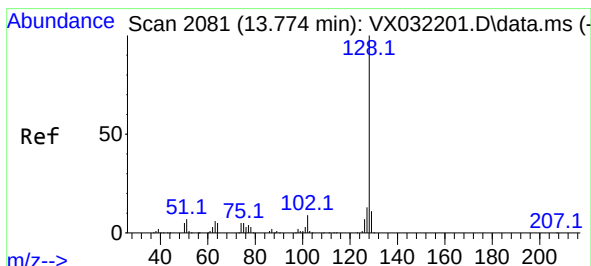
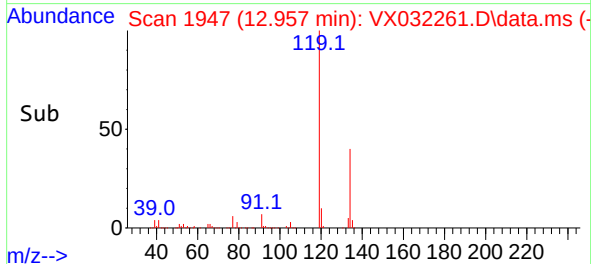
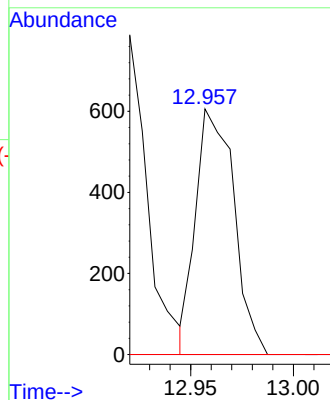
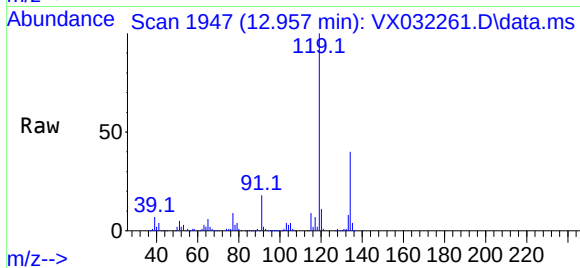
Tgt Ion: 75 Resp: 780

Ion Ratio Lower Upper

75 100

155 0.0 43.1 129.3#

157 0.0 57.1 171.5#



#95

Naphthalene

Concen: 78.084 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX032261.D

Acq: 20 Oct 2022 14:33

Tgt Ion:128 Resp: 605944

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.3 8.7 13.1

