

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
 Data File : VX032005.D
 Acq On : 10 Oct 2022 12:25
 Operator : JC/MD
 Sample : N4937-20DL 25X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-093022DL

Quant Time: Oct 11 05:08:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	72137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	109077	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69964	46.963	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.920%		
35) Dibromofluoromethane	5.385	113	58285	47.206	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.420%		
50) Toluene-d8	8.647	98	220744	49.685	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.380%		
62) 4-Bromofluorobenzene	11.079	95	72807	46.354	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.700%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	394	Below Cal	#	45
10) Methyl Iodide	2.459	142	440	3.097	ug/l #	76
11) Tert butyl alcohol	2.941	59	1610	8.686	ug/l #	73
13) Acrolein	2.337	56	95	Below Cal	#	15
15) Acrylonitrile	3.105	53	159	0.269	ug/l #	17
16) Acetone	2.386	43	1685	3.328	ug/l	99
17) Carbon Disulfide	2.508	76	622	0.264	ug/l #	75
19) Methyl tert-butyl Ether	3.117	73	3168	0.859	ug/l #	33
20) Methylene Chloride	2.788	84	544	0.409	ug/l #	81
22) Diisopropyl ether	3.758	45	910	0.259	ug/l #	82
23) Vinyl Acetate	3.764	43	573	0.218	ug/l #	71
25) 2-Butanone	4.587	43	1373	1.735	ug/l #	86
31) Cyclohexane	5.471	56	3615	2.031	ug/l	95
36) 1,1-Dichloropropene	5.550	75	5692	3.477	ug/l #	51
37) Ethyl Acetate	4.587	43	1373	0.891	ug/l #	68
38) Carbon Tetrachloride	5.556	117	7639	4.563	ug/l #	17
39) Methylcyclohexane	7.379	83	1488	0.762	ug/l	91
40) Benzene	6.044	78	332962	69.450	ug/l	100
42) 1,2-Dichloroethane	6.092	62	5704	3.265	ug/l	97
43) Isopropyl Acetate	6.245	43	13435	5.745	ug/l #	63
51) 4-Methyl-2-Pentanone	8.574	43	643	0.415	ug/l	98
52) Toluene	8.720	92	165929	52.934	ug/l	100
53) t-1,3-Dichloropropene	8.842	75	83	1.255	ug/l #	48
56) Ethyl methacrylate	8.842	69	14787	8.719	ug/l #	84
59) 2-Hexanone	9.567	43	1866	1.633	ug/l	88
67) Ethyl Benzene	10.195	91	77886	13.551	ug/l	95
68) m/p-Xylenes	10.299	106	138738	60.742	ug/l	100
69) o-Xylene	10.640	106	61913	27.888	ug/l	100
70) Styrene	10.640	104	3220	0.907	ug/l #	1
73) Isopropylbenzene	10.964	105	5223	1.004	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	39069	27.629	ug/l #	37
78) n-propylbenzene	11.305	91	13700	2.315	ug/l	99
79) 2-Chlorotoluene	11.378	91	10382	2.915	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	26426	6.123	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	39069	94.589	ug/l #	11
82) 4-Chlorotoluene	11.451	91	3631	0.890	ug/l #	55

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

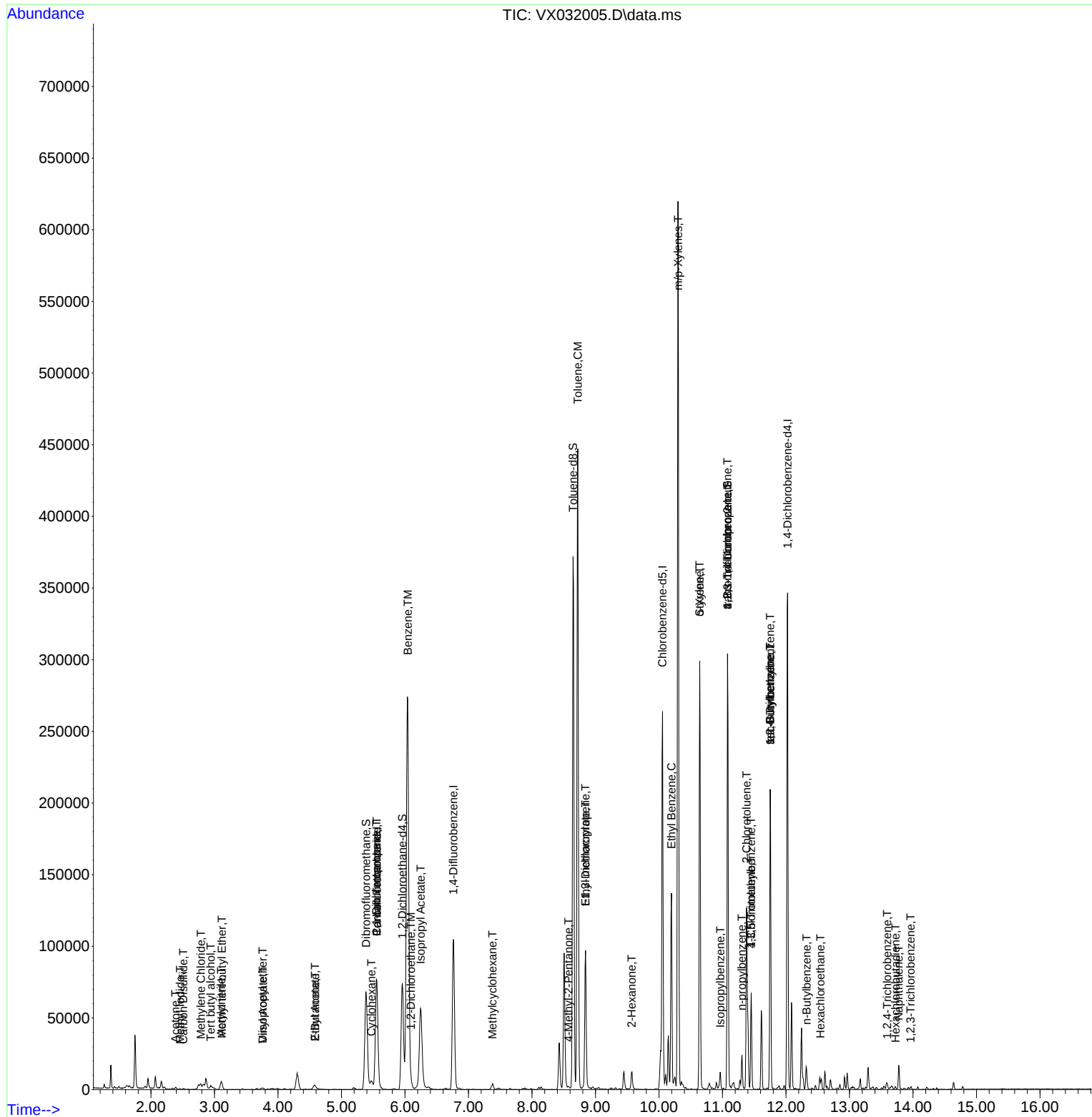
83) tert-Butylbenzene	11.750	119	10793	2.527	ug/l #	52
84) 1,2,4-Trimethylbenzene	11.750	105	87059	19.857	ug/l	98
85) sec-Butylbenzene	11.750	105	87059	16.462	ug/l #	56
89) n-Butylbenzene	12.323	91	2269	0.609	ug/l #	27
90) Hexachloroethane	12.543	117	526	2.032	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.591	180	511	0.347	ug/l #	74
94) Hexachlorobutadiene	13.725	225	236	0.396	ug/l	92
95) Naphthalene	13.774	128	10353	2.051	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	405	0.271	ug/l #	75

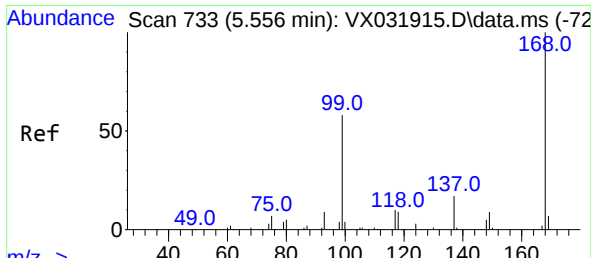
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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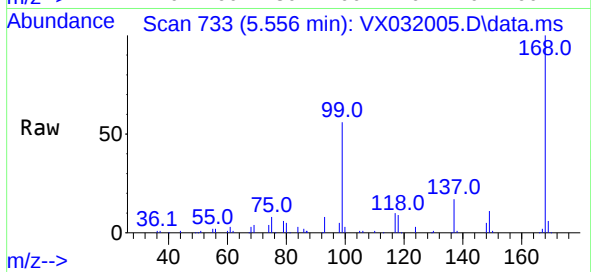
Quant Time: Oct 11 05:08:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
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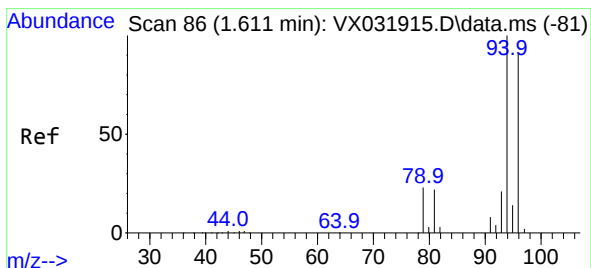
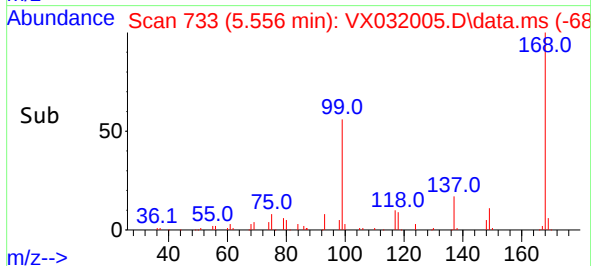
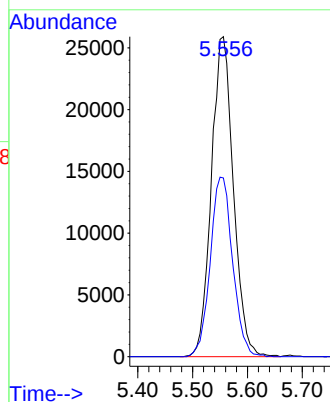


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

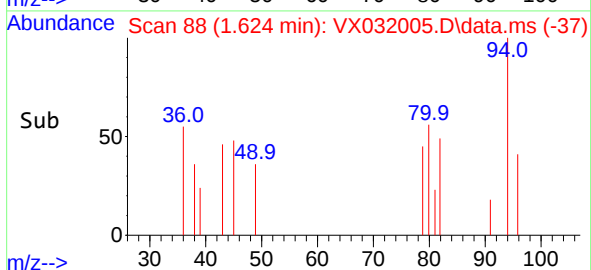
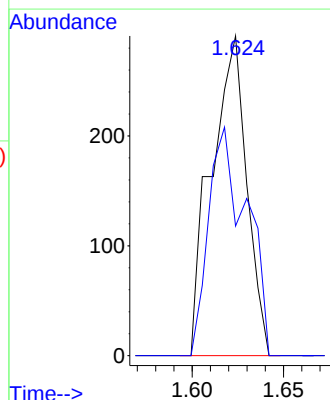
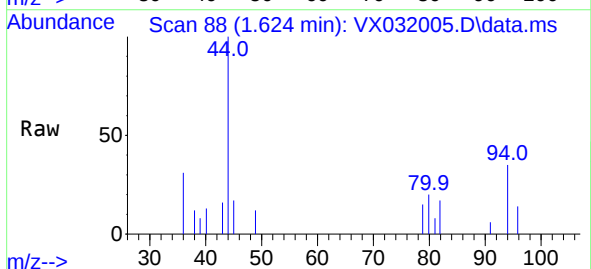


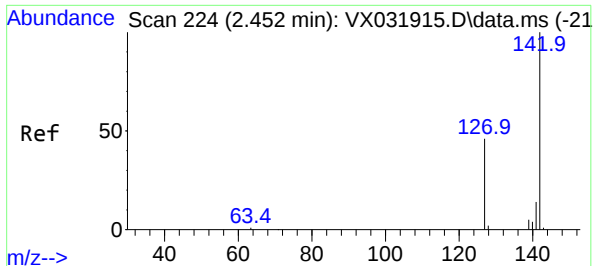
Tgt Ion:168 Resp: 72137
Ion Ratio Lower Upper
168 100
99 55.8 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.013 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion: 94 Resp: 394
Ion Ratio Lower Upper
94 100
96 40.5 74.4 111.6#

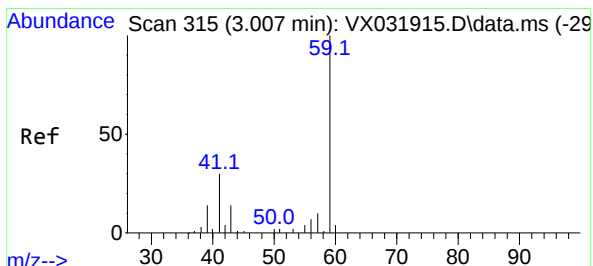
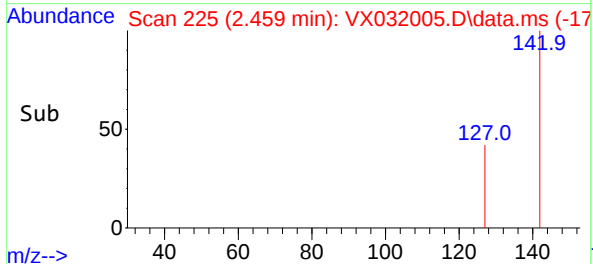
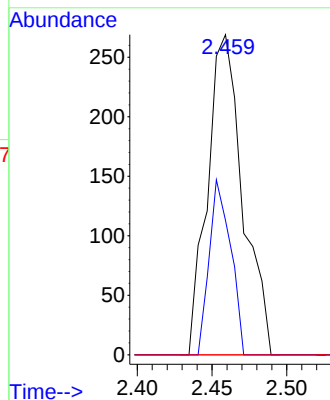
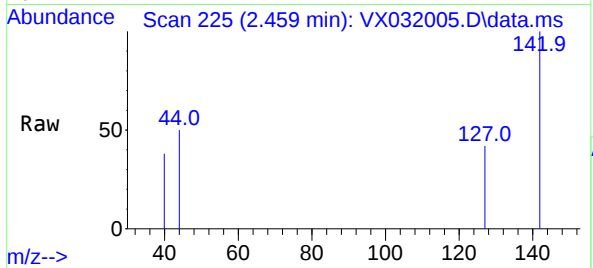




#10
Methyl Iodide
Concen: 3.097 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

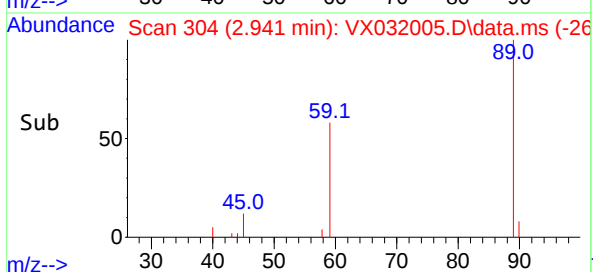
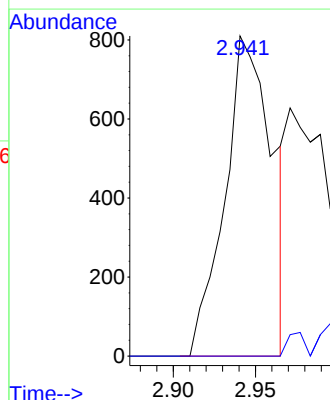
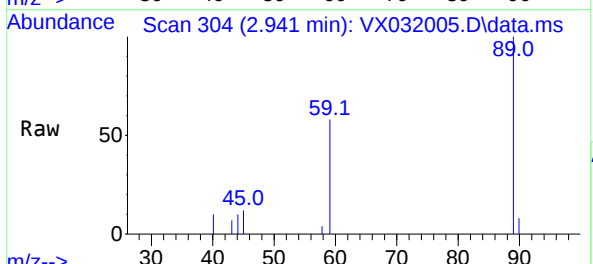
Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

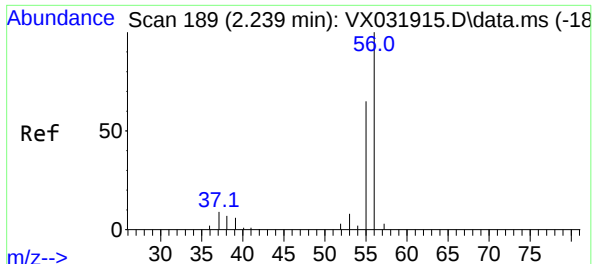
Tgt Ion:142 Resp: 440
Ion Ratio Lower Upper
142 100
127 33.2 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 8.686 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.066 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion: 59 Resp: 1610
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

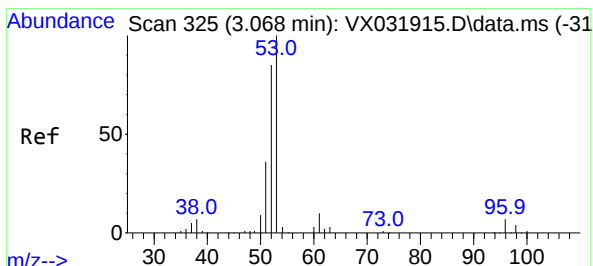
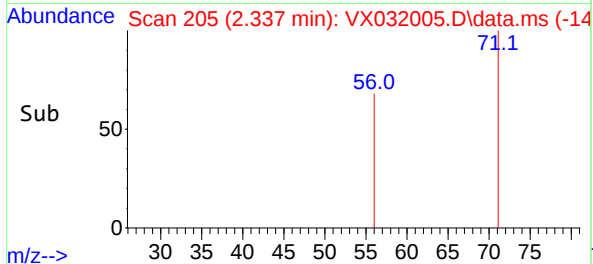
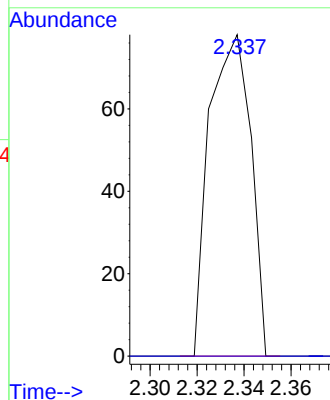
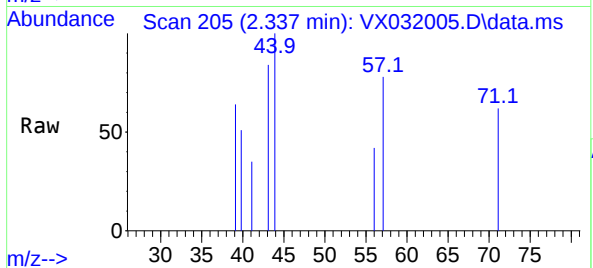




#13
Acrolein
Concen: Below Cal
RT: 2.337 min Scan# 20
Delta R.T. 0.098 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

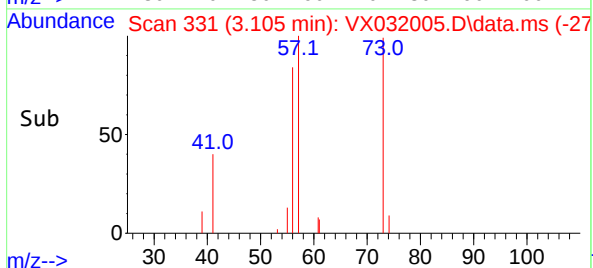
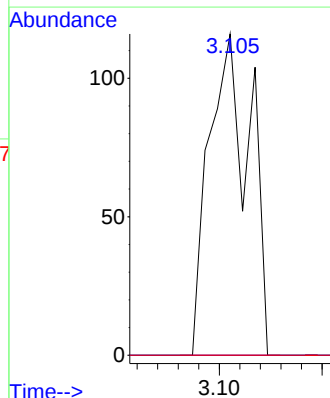
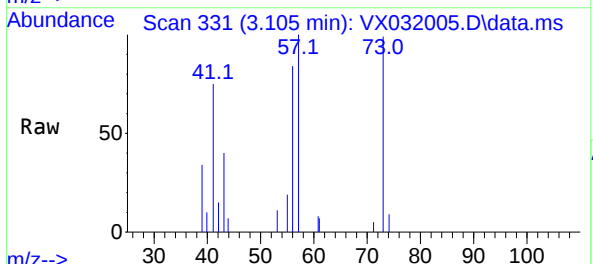
Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

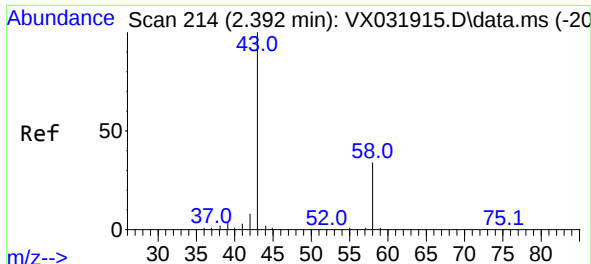
Tgt Ion: 56 Resp: 95
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



#15
Acrylonitrile
Concen: 0.269 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.037 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion: 53 Resp: 159
Ion Ratio Lower Upper
53 100
52 0.0 66.9 100.3#
51 0.0 30.0 45.0#

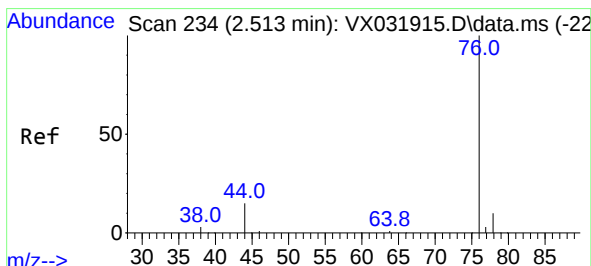
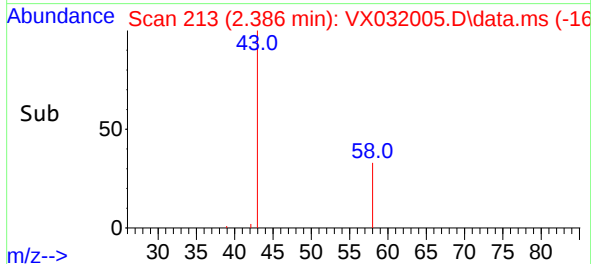
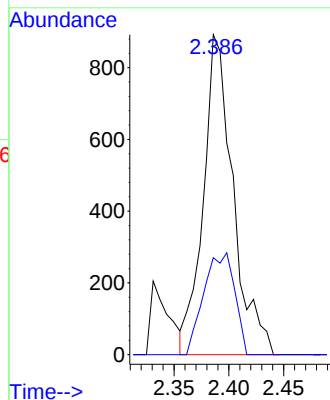
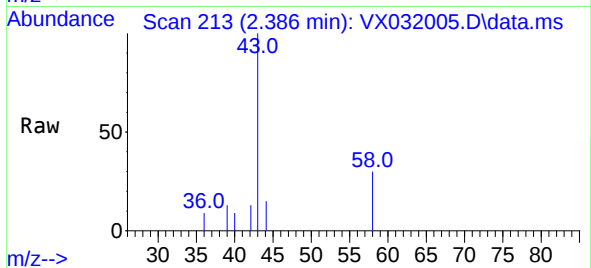




#16
Acetone
Concen: 3.328 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

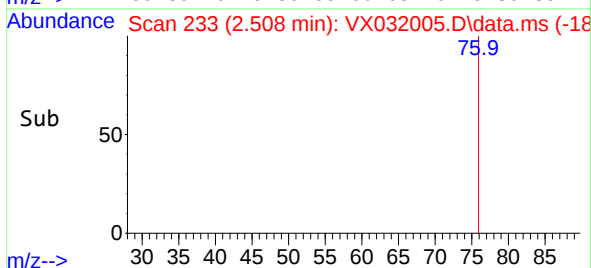
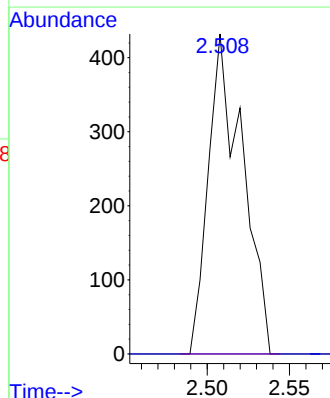
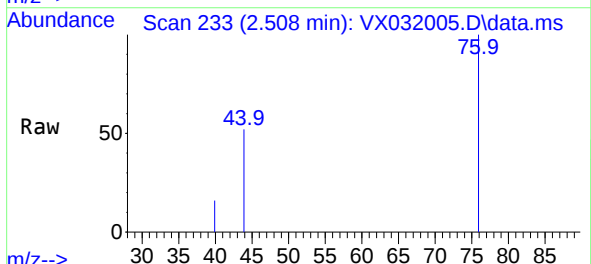
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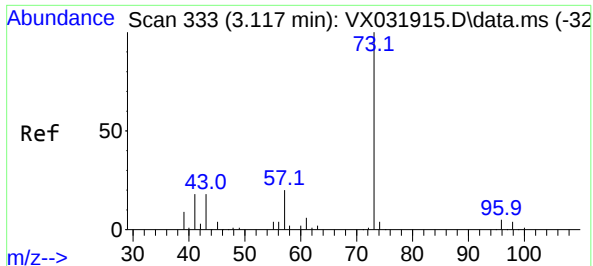
Tgt Ion: 43 Resp: 1685
Ion Ratio Lower Upper
43 100
58 30.3 23.8 35.8



#17
Carbon Disulfide
Concen: 0.264 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.005 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion: 76 Resp: 622
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#19

Methyl tert-butyl Ether

Concen: 0.859 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX032005.D

Acq: 10 Oct 2022 12:25

Instrument :

MSVOA_X

ClientSampleId :

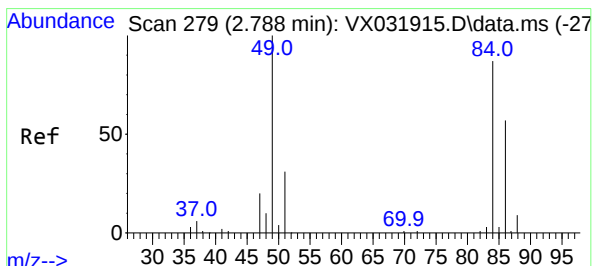
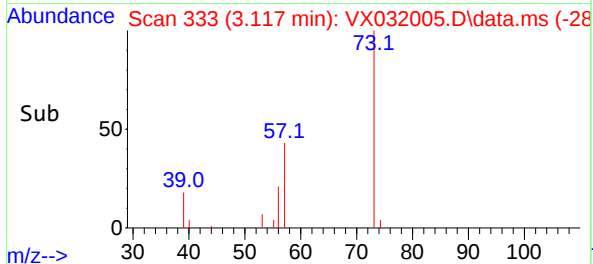
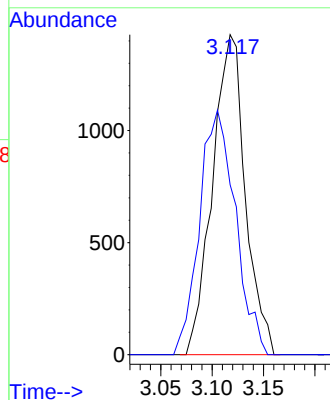
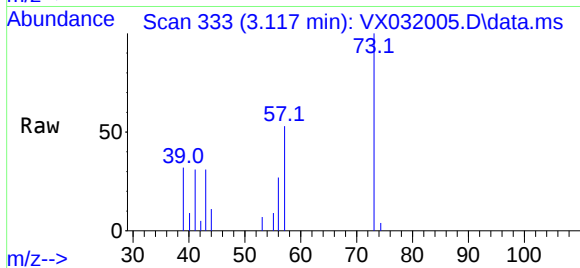
DUP-093022DL

Tgt Ion: 73 Resp: 3168

Ion Ratio Lower Upper

73 100

57 53.1 17.2 25.8#



#20

Methylene Chloride

Concen: 0.409 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX032005.D

Acq: 10 Oct 2022 12:25

Tgt Ion: 84 Resp: 544

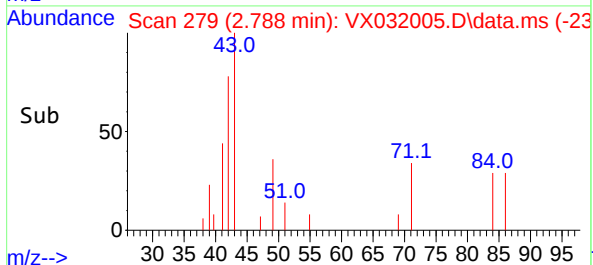
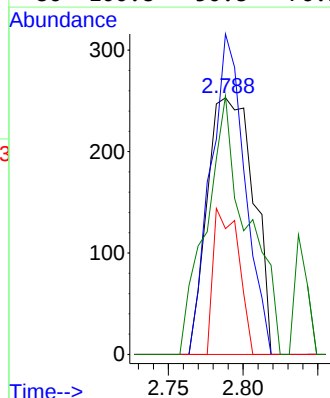
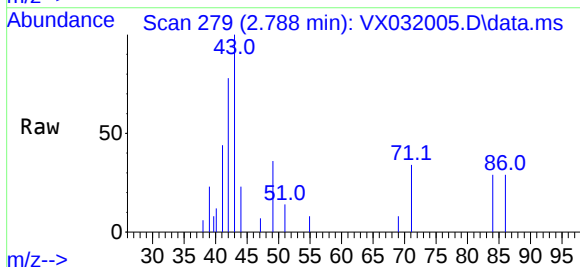
Ion Ratio Lower Upper

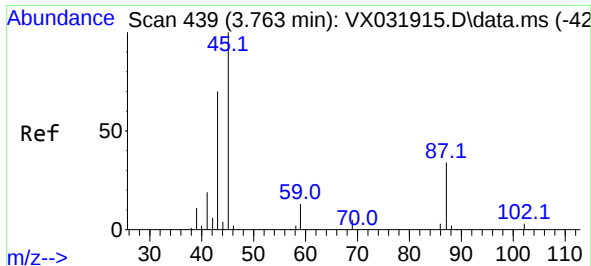
84 100

49 124.9 105.9 158.9

51 49.0 32.2 48.2#

86 100.8 50.8 76.2#

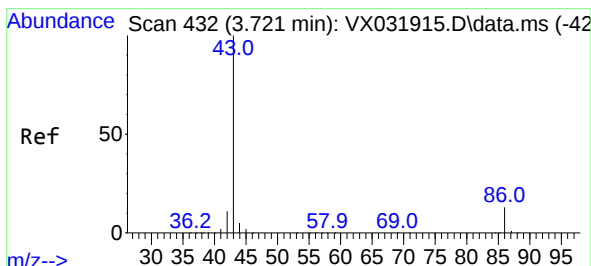
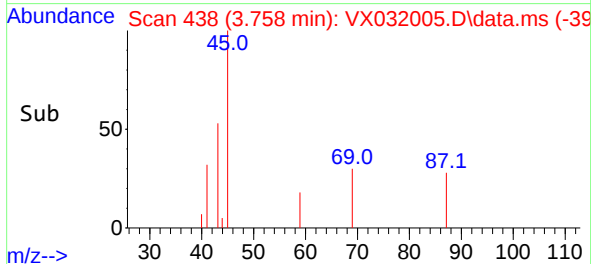
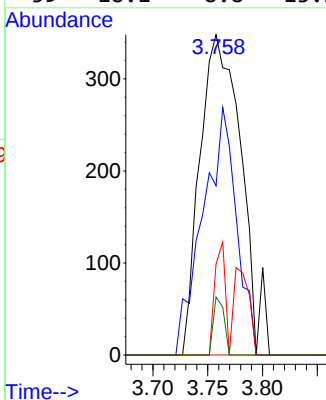
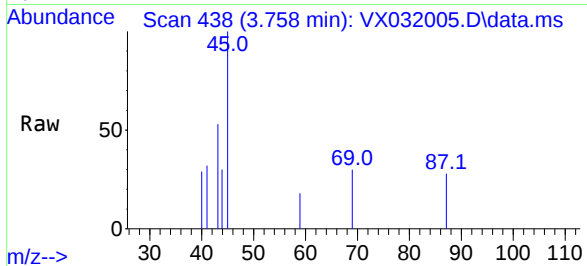




#22
Diisopropyl ether
Concen: 0.259 ug/l
RT: 3.758 min Scan# 41
Delta R.T. -0.005 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

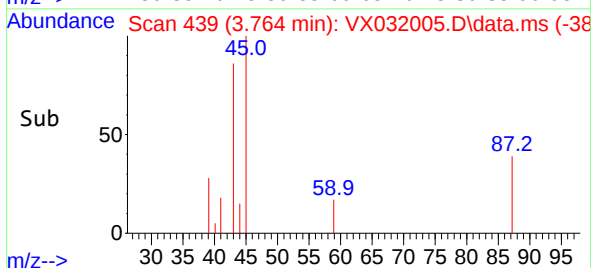
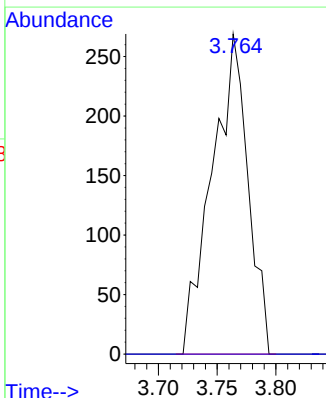
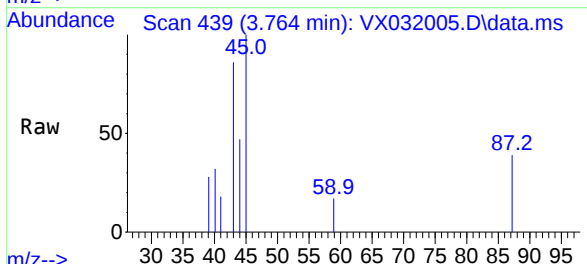
Instrument :
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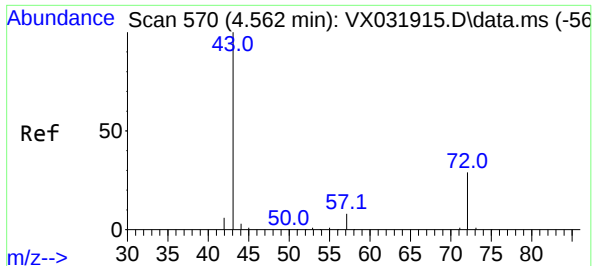
Tgt Ion:	45	Resp:	910
Ion	Ratio	Lower	Upper
45	100		
43	52.9	59.0	88.6#
87	28.4	22.6	33.8
59	18.1	8.8	13.2#



#23
Vinyl Acetate
Concen: 0.218 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.043 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion:	43	Resp:	573
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.7	13.1#





#25

2-Butanone

Concen: 1.735 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.025 min

Lab File: VX032005.D

Acq: 10 Oct 2022 12:25

Instrument :

MSVOA_X

ClientSampleId :

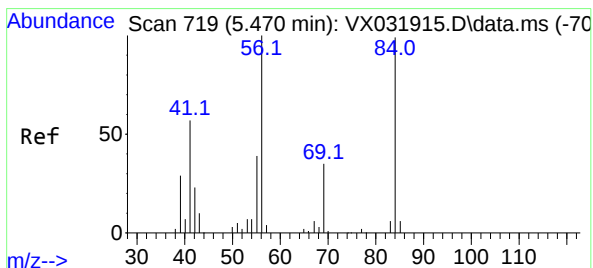
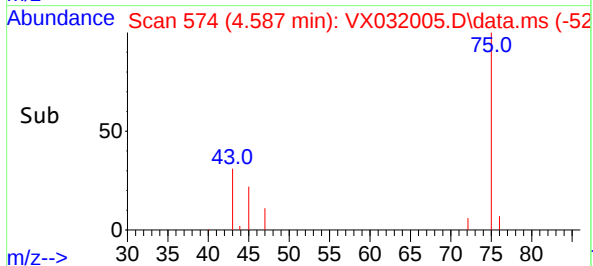
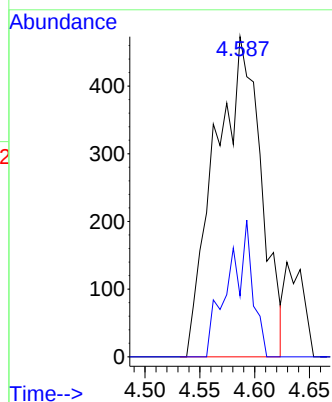
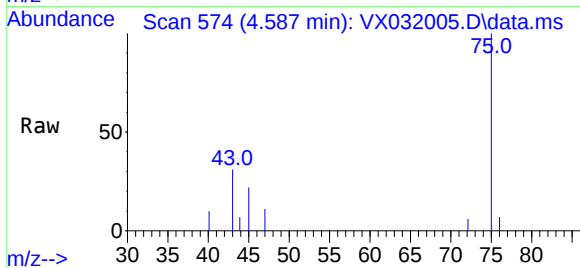
DUP-093022DL

Tgt Ion: 43 Resp: 1373

Ion Ratio Lower Upper

43 100

72 19.0 21.1 31.7#



#31

Cyclohexane

Concen: 2.031 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.001 min

Lab File: VX032005.D

Acq: 10 Oct 2022 12:25

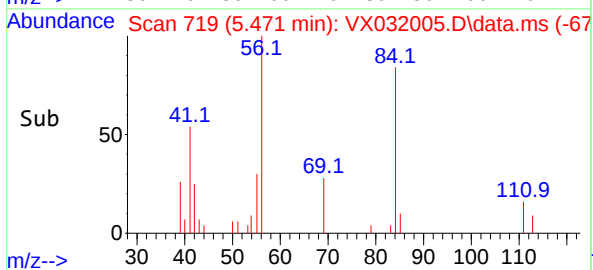
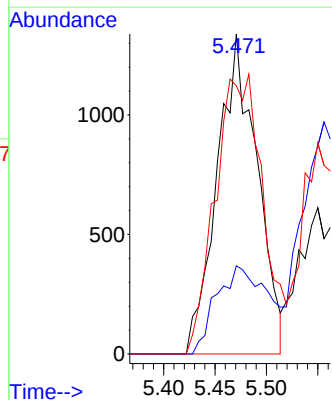
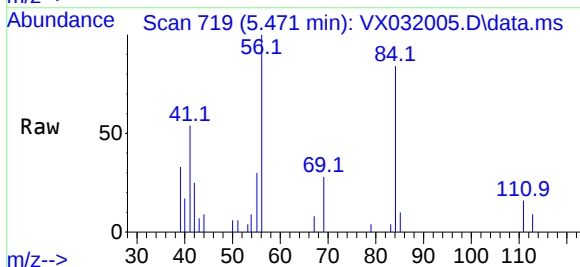
Tgt Ion: 56 Resp: 3615

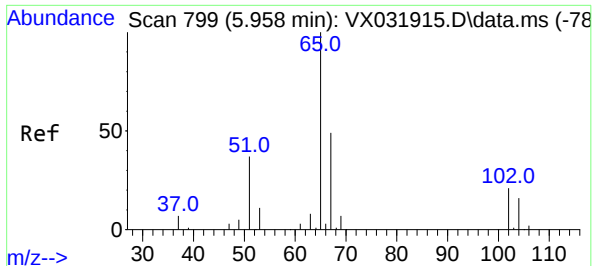
Ion Ratio Lower Upper

56 100

69 27.6 25.1 37.7

84 83.8 70.2 105.4

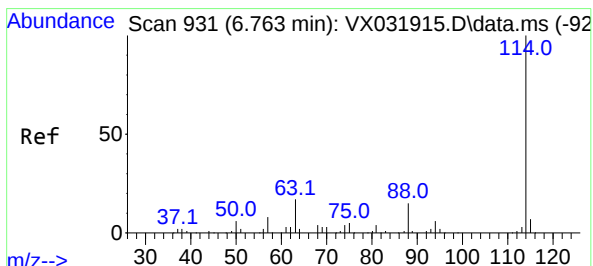
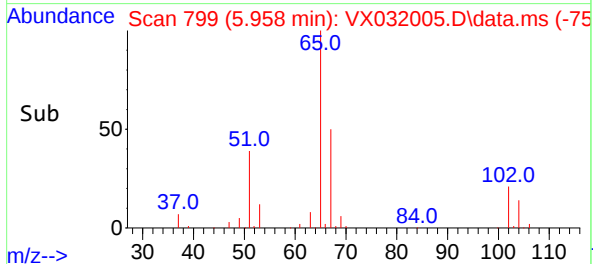
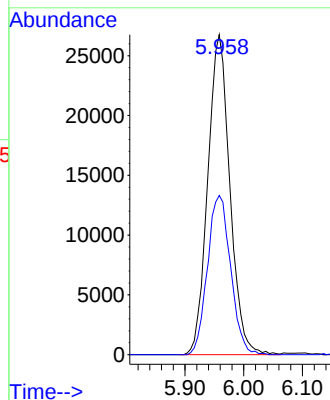
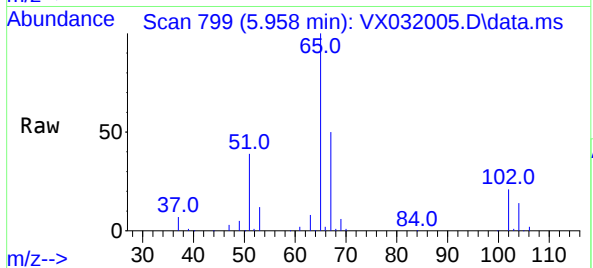




#33
1,2-Dichloroethane-d4
Concen: 46.963 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

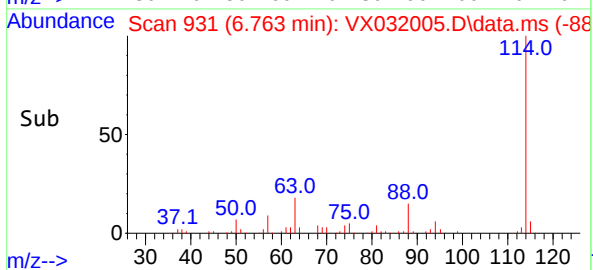
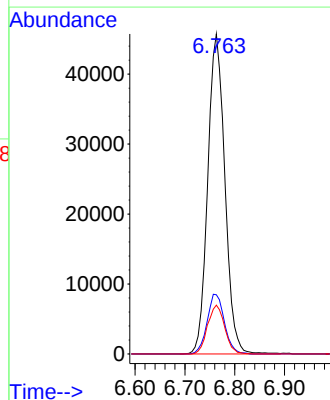
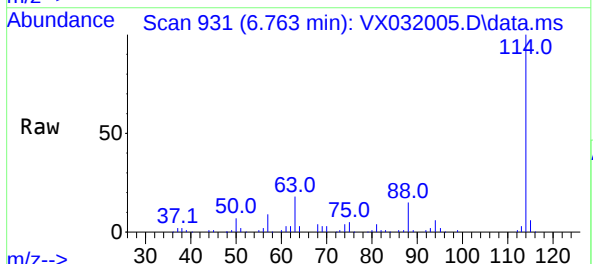
Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

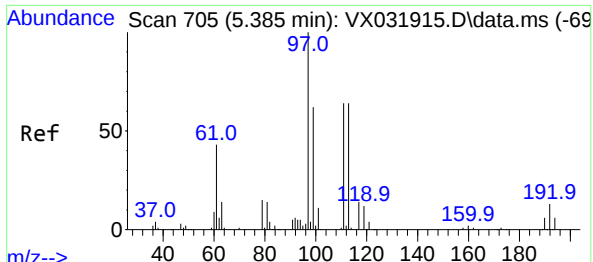
Tgt Ion: 65 Resp: 69964
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

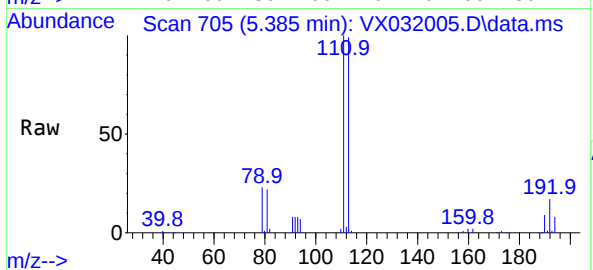
Tgt Ion: 114 Resp: 109077
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.6
88 15.3 0.0 33.0



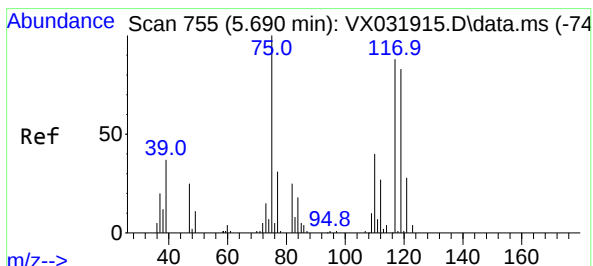
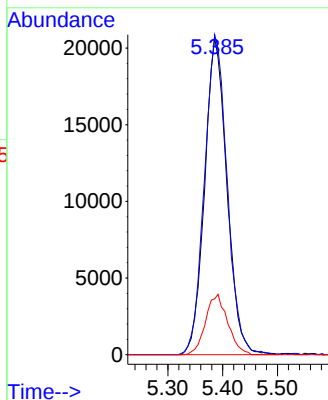
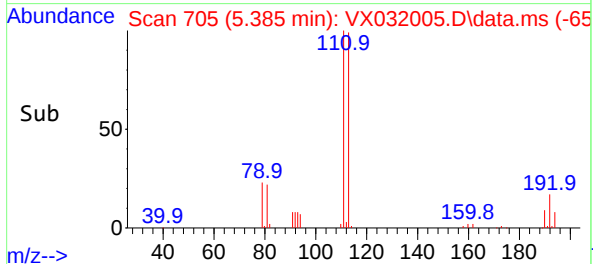


#35
Dibromofluoromethane
Concen: 47.206 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

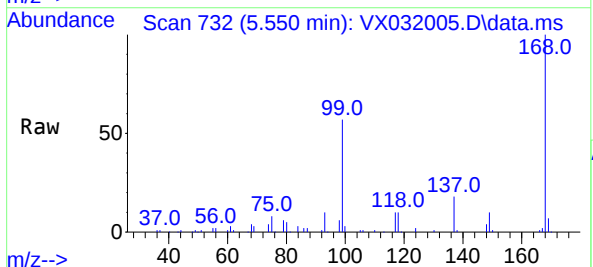
Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL



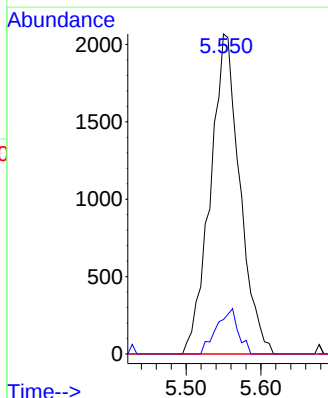
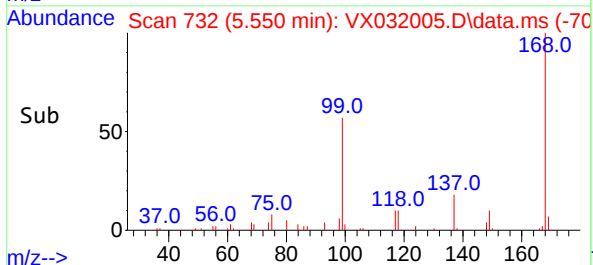
Tgt Ion:113 Resp: 58285
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 18.9 14.1 21.1

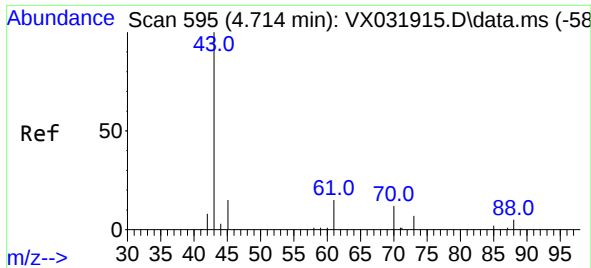


#36
1,1-Dichloropropene
Concen: 3.477 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25



Tgt Ion: 75 Resp: 5692
Ion Ratio Lower Upper
75 100
110 10.3 17.5 52.5#
77 0.0 24.9 37.3#

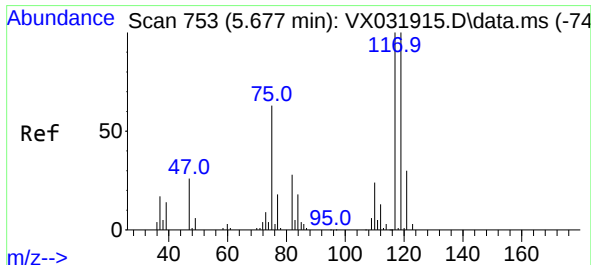
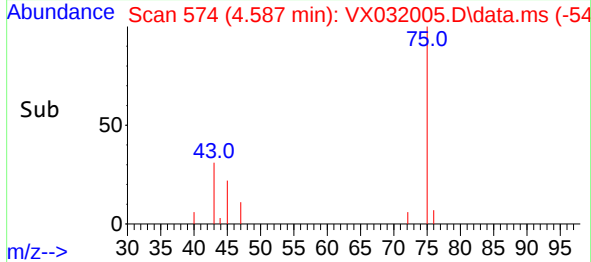
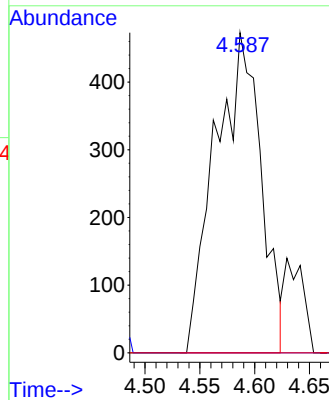
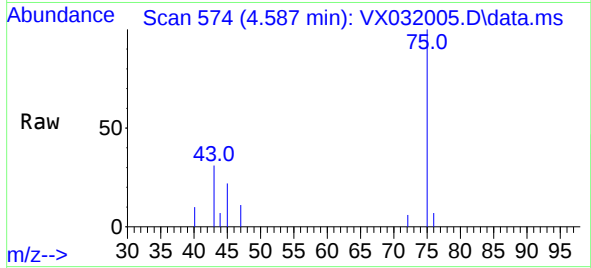




#37
Ethyl Acetate
Concen: 0.891 ug/l
RT: 4.587 min Scan# 51
Delta R.T. -0.127 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

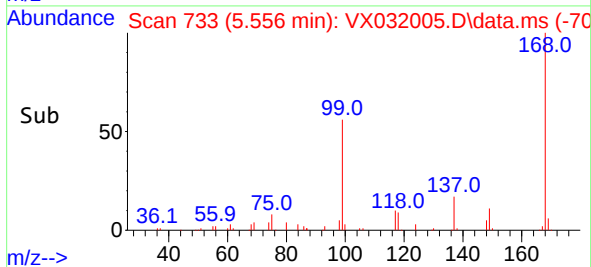
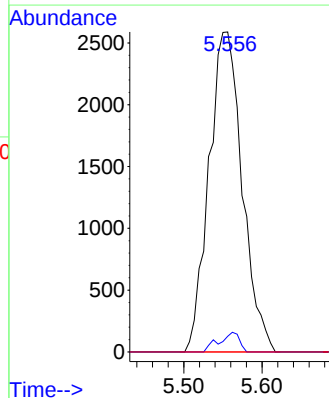
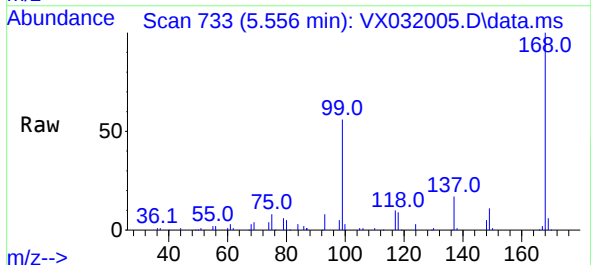
Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

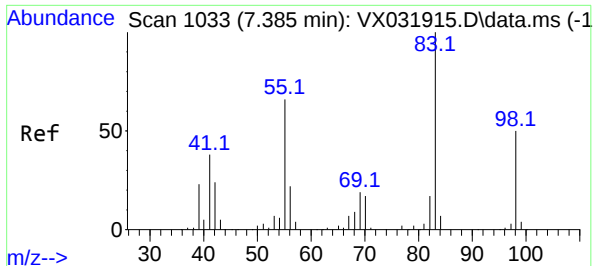
Tgt Ion: 43 Resp: 1373
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.6 13.0#



#38
Carbon Tetrachloride
Concen: 4.563 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion: 117 Resp: 7639
Ion Ratio Lower Upper
117 100
119 4.9 74.6 112.0#
121 0.0 25.3 37.9#





#39

Methylcyclohexane

Concen: 0.762 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032005.D

Acq: 10 Oct 2022 12:25

Instrument :

MSVOA_X

ClientSampleId :

DUP-093022DL

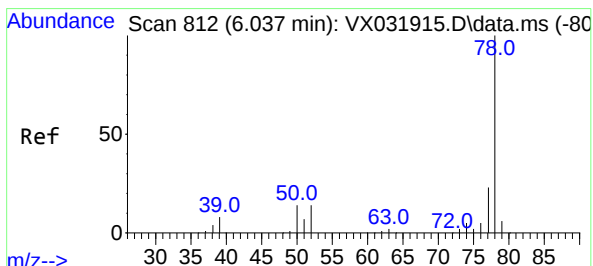
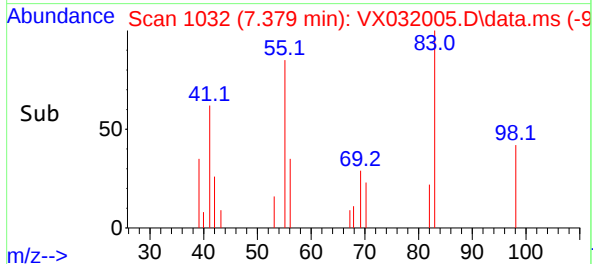
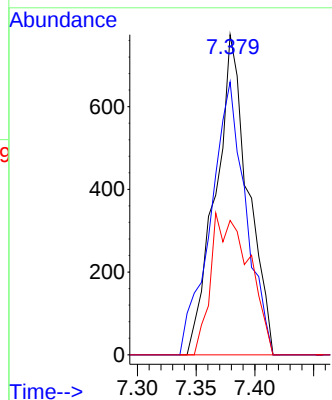
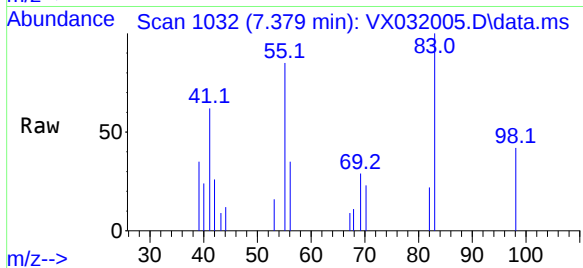
Tgt Ion: 83 Resp: 1488

Ion Ratio Lower Upper

83 100

55 85.3 61.0 91.4

98 42.0 37.7 56.5



#40

Benzene

Concen: 69.450 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.007 min

Lab File: VX032005.D

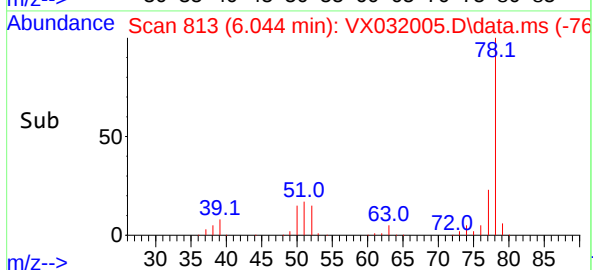
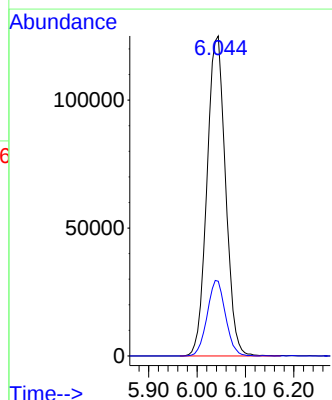
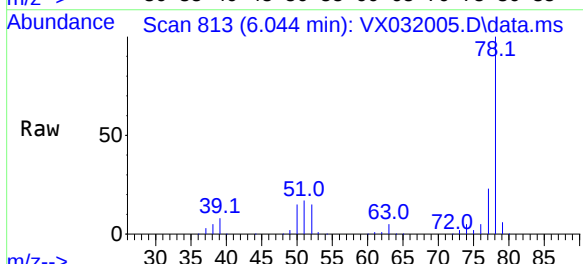
Acq: 10 Oct 2022 12:25

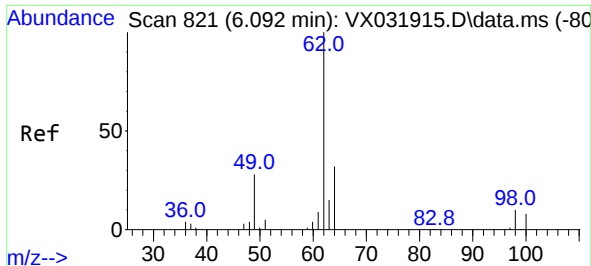
Tgt Ion: 78 Resp: 332962

Ion Ratio Lower Upper

78 100

77 23.3 18.7 28.1

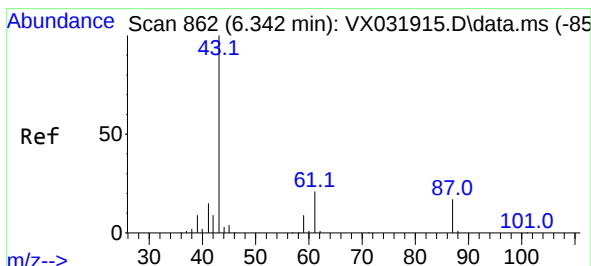
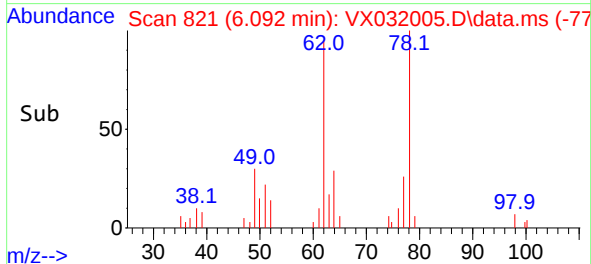
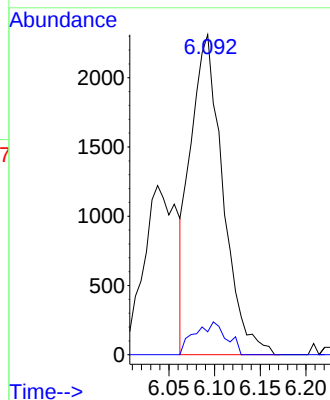
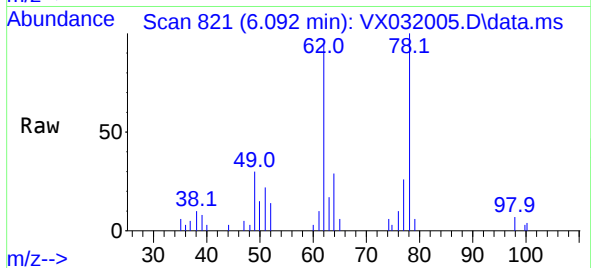




#42
1,2-Dichloroethane
Concen: 3.265 ug/l
RT: 6.092 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

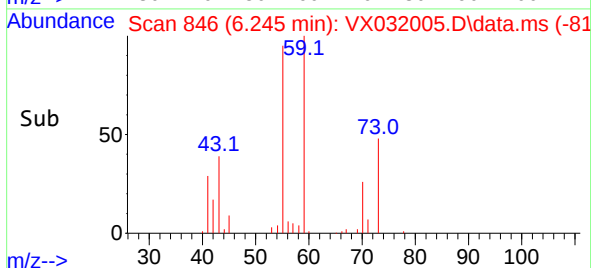
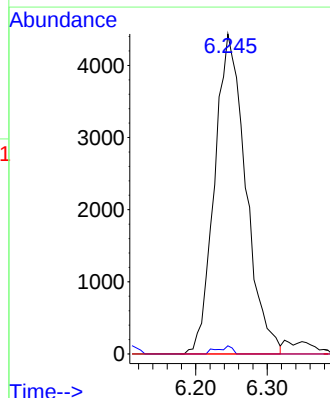
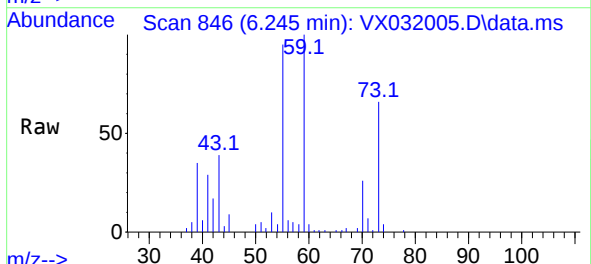
Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

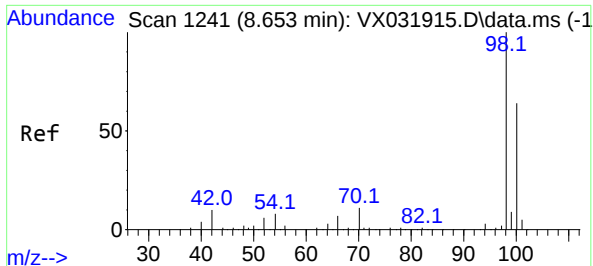
Tgt Ion: 62 Resp: 5704
Ion Ratio Lower Upper
62 100
98 10.0 0.0 17.8



#43
Isopropyl Acetate
Concen: 5.745 ug/l
RT: 6.245 min Scan# 846
Delta R.T. -0.097 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion: 43 Resp: 13435
Ion Ratio Lower Upper
43 100
61 1.2 15.3 22.9#
87 0.0 10.6 15.8#





#50

Toluene-d8

Concen: 49.685 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032005.D

Acq: 10 Oct 2022 12:25

Instrument :

MSVOA_X

ClientSampleId :

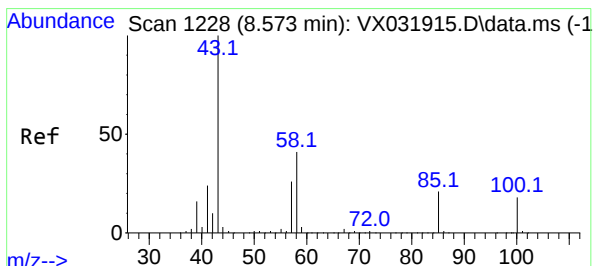
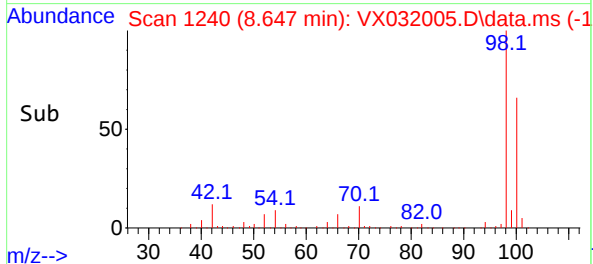
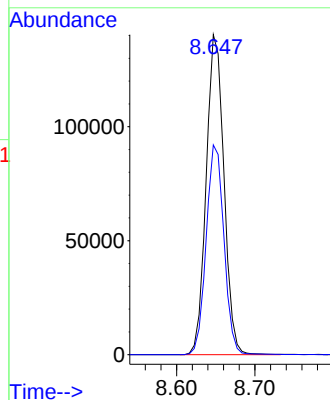
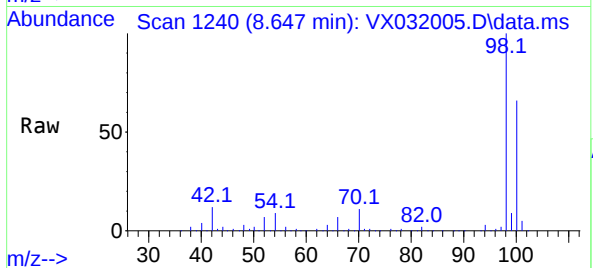
DUP-093022DL

Tgt Ion: 98 Resp: 220744

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.415 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.001 min

Lab File: VX032005.D

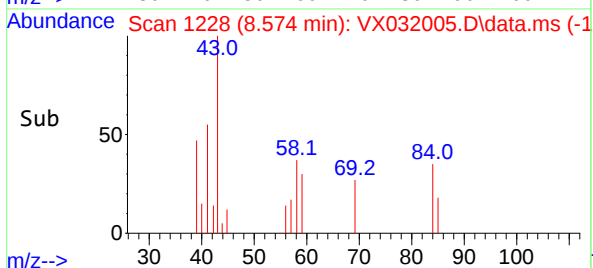
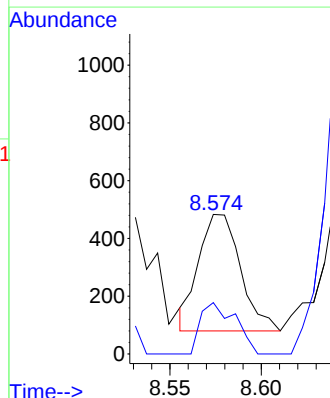
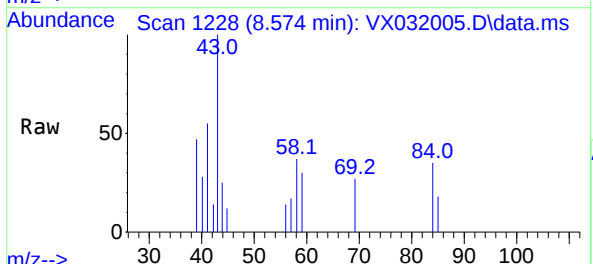
Acq: 10 Oct 2022 12:25

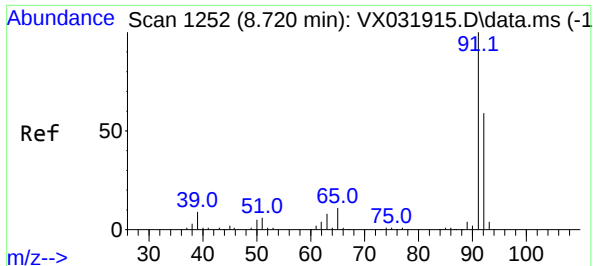
Tgt Ion: 43 Resp: 643

Ion Ratio Lower Upper

43 100

58 36.9 30.6 46.0

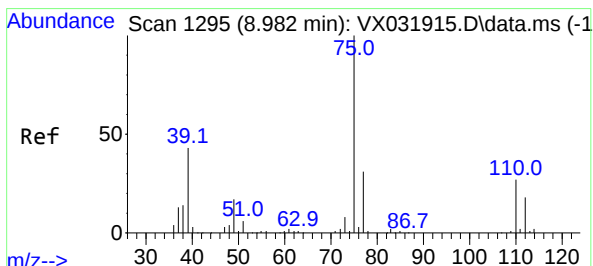
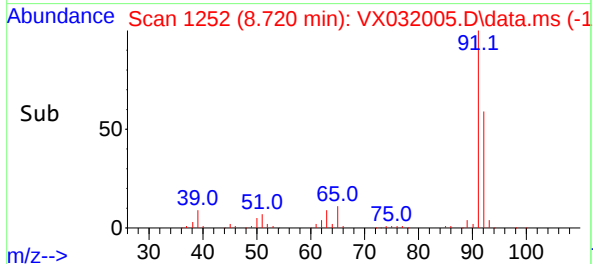
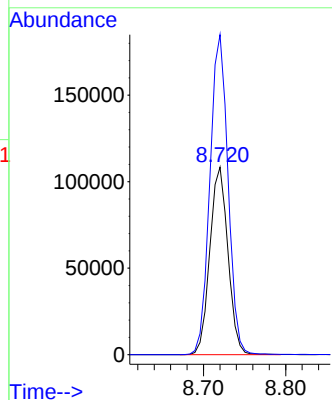
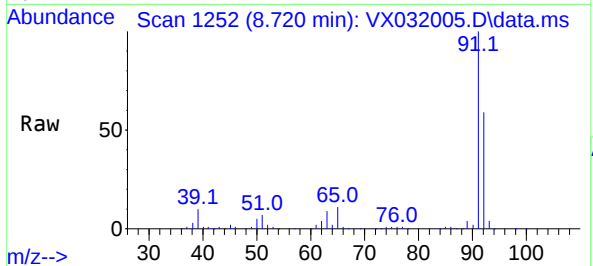




#52
Toluene
Concen: 52.934 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

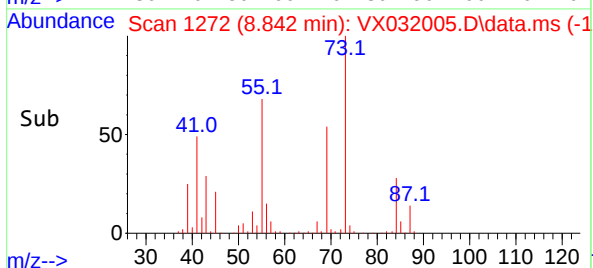
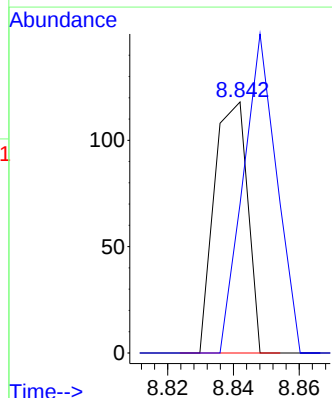
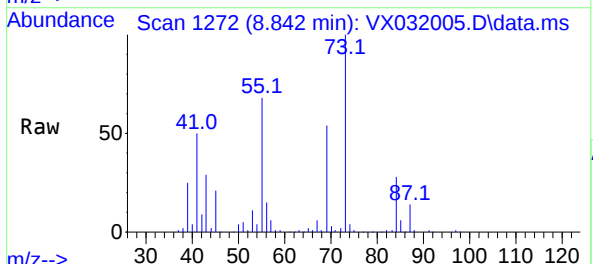
Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

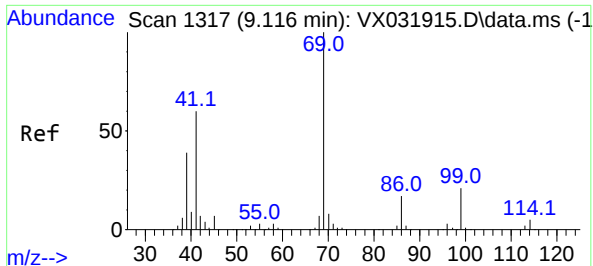
Tgt Ion: 92 Resp: 165929
Ion Ratio Lower Upper
92 100
91 170.7 137.1 205.7



#53
t-1,3-Dichloropropene
Concen: 1.255 ug/l
RT: 8.842 min Scan# 1272
Delta R.T. -0.140 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion: 75 Resp: 83
Ion Ratio Lower Upper
75 100
77 59.3 24.8 37.2#





#56

Ethyl methacrylate

Concen: 8.719 ug/l

RT: 8.842 min Scan# 11

Delta R.T. -0.274 min

Lab File: VX032005.D

Acq: 10 Oct 2022 12:25

Instrument :

MSVOA_X

ClientSampleId :

DUP-093022DL

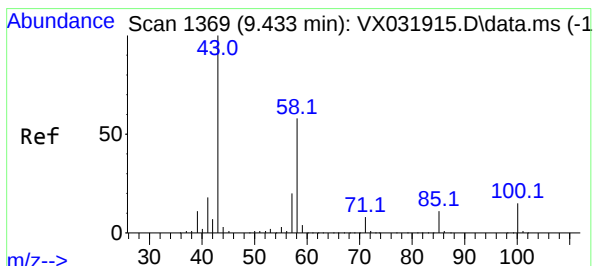
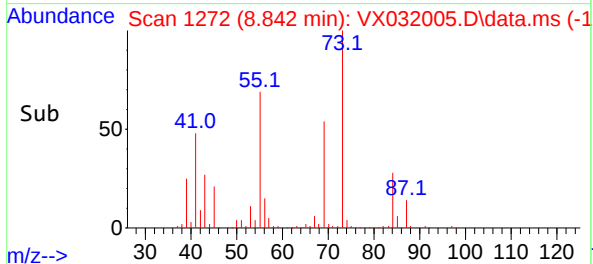
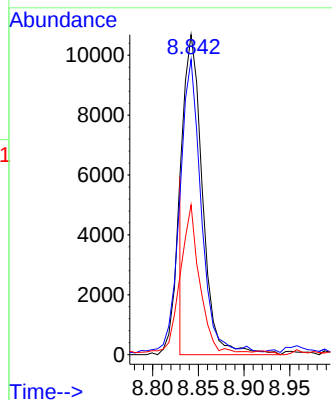
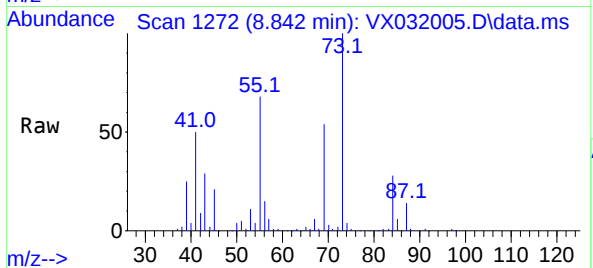
Tgt Ion: 69 Resp: 14787

Ion Ratio Lower Upper

69 100

41 84.3 54.2 81.4#

39 37.4 34.2 51.2



#59

2-Hexanone

Concen: 1.633 ug/l

RT: 9.567 min Scan# 1391

Delta R.T. 0.134 min

Lab File: VX032005.D

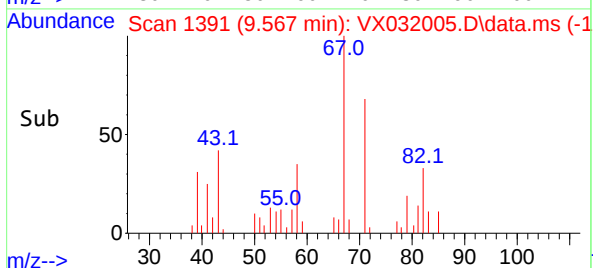
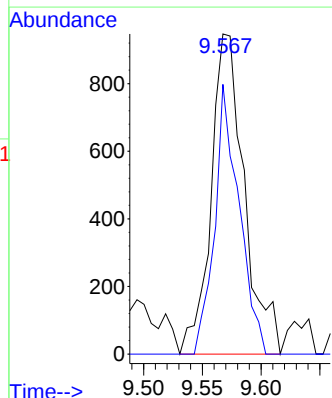
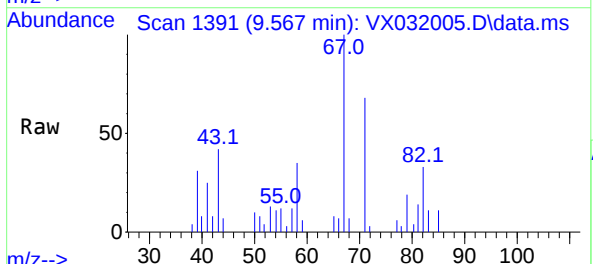
Acq: 10 Oct 2022 12:25

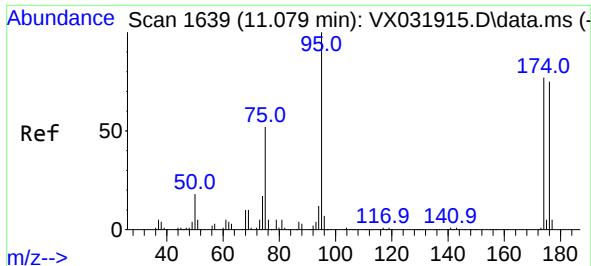
Tgt Ion: 43 Resp: 1866

Ion Ratio Lower Upper

43 100

58 61.7 26.7 80.0

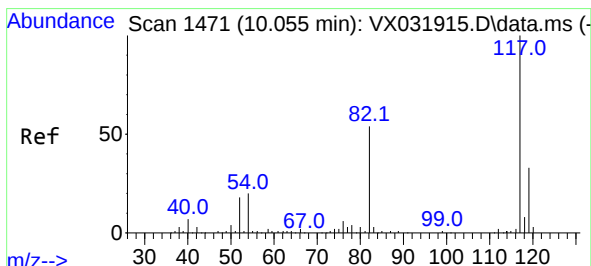
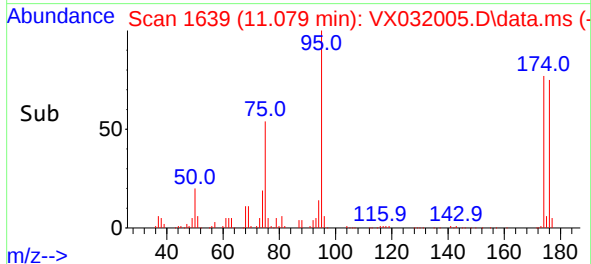
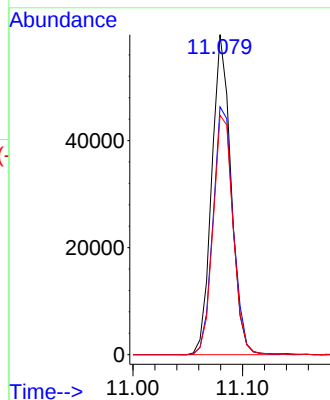
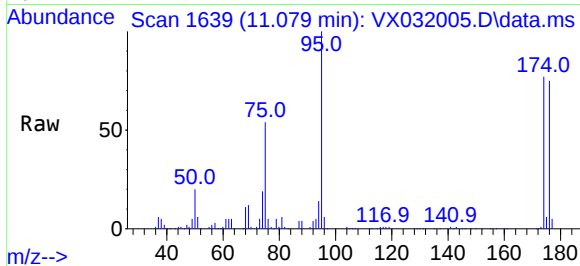




#62
4-Bromofluorobenzene
Concen: 46.354 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

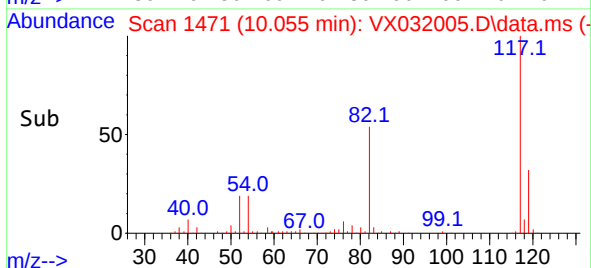
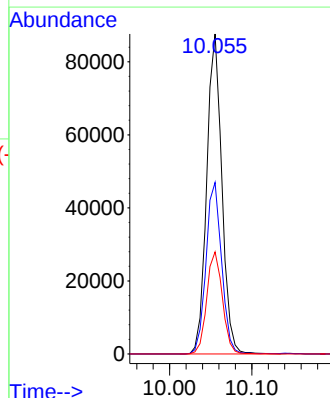
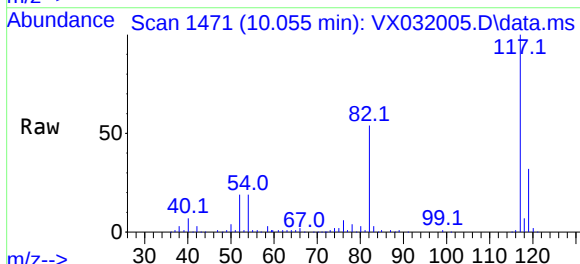
Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

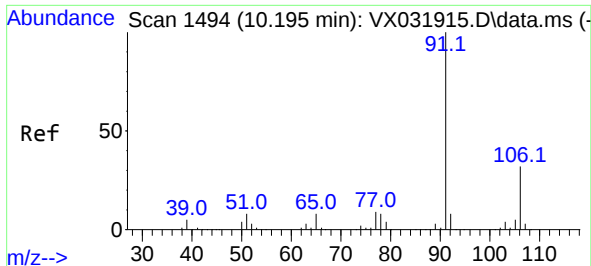
Tgt Ion: 95 Resp: 72807
Ion Ratio Lower Upper
95 100
174 81.3 0.0 153.2
176 77.9 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion: 117 Resp: 112129
Ion Ratio Lower Upper
117 100
82 53.6 46.8 70.2
119 31.9 26.4 39.6

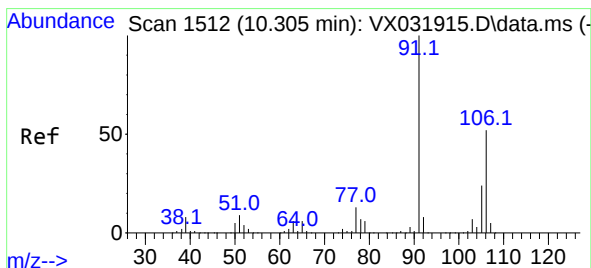
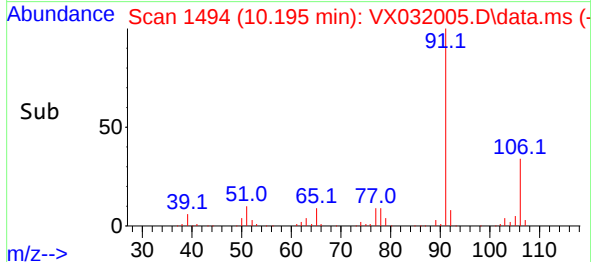
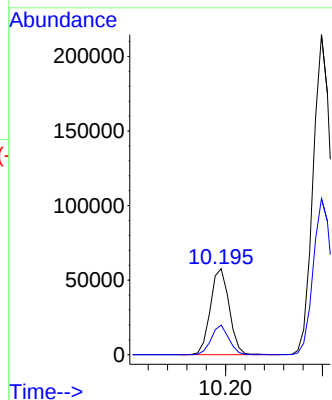
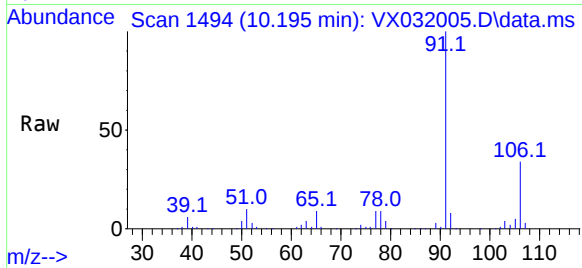




#67
Ethyl Benzene
Concen: 13.551 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

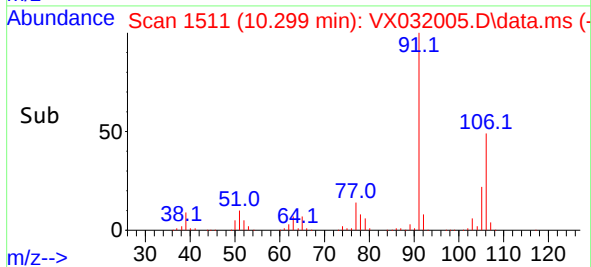
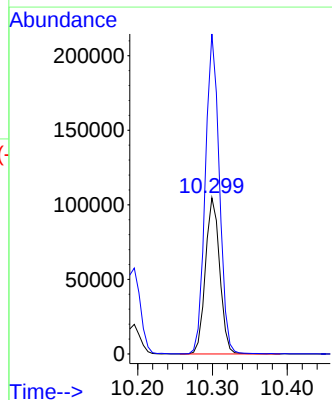
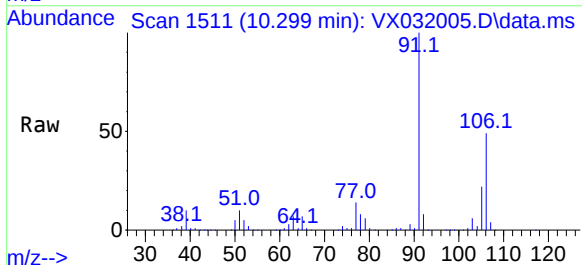
Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

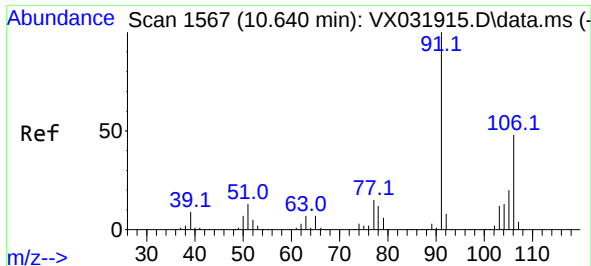
Tgt Ion: 91 Resp: 77886
Ion Ratio Lower Upper
91 100
106 34.5 25.2 37.8



#68
m/p-Xylenes
Concen: 60.742 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion: 106 Resp: 138738
Ion Ratio Lower Upper
106 100
91 201.5 161.0 241.4

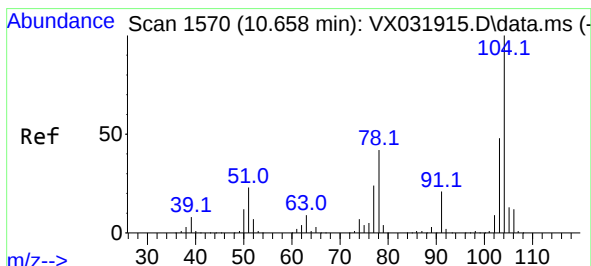
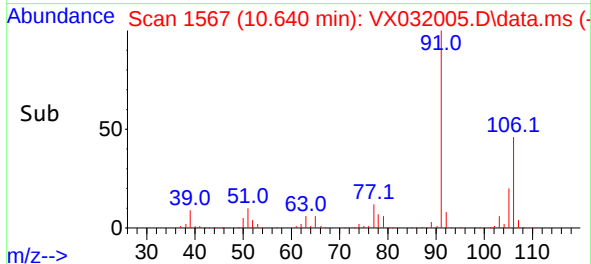
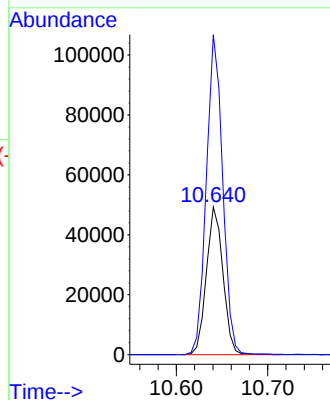
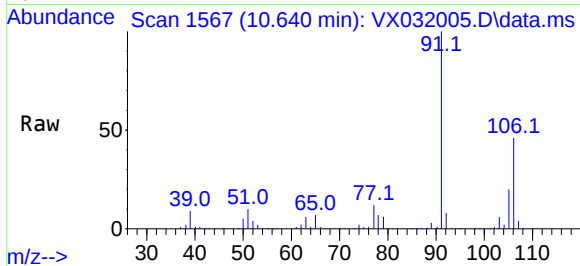




#69
o-Xylene
Concen: 27.888 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

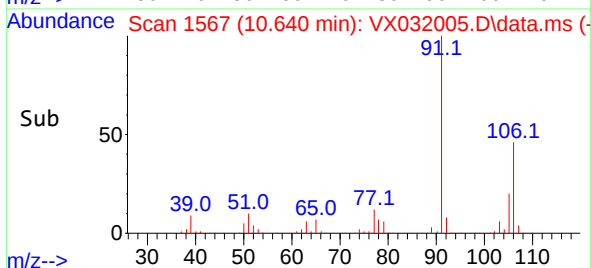
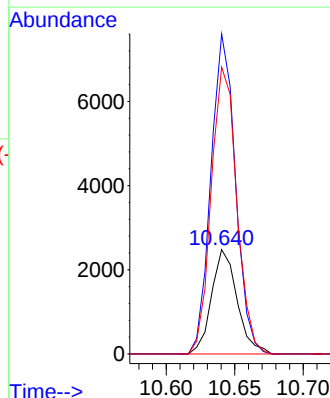
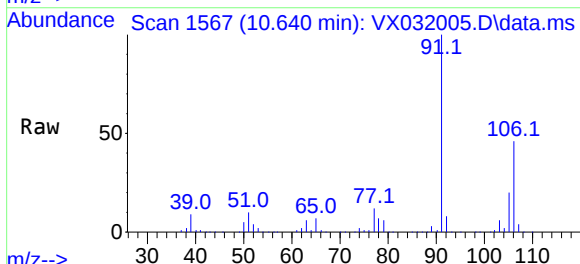
Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

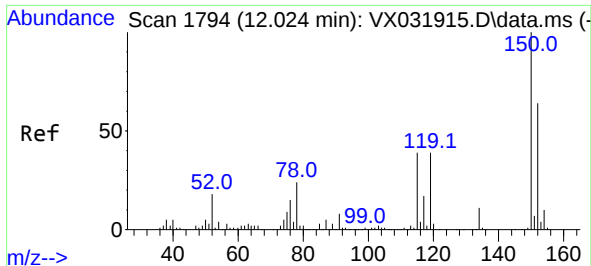
Tgt Ion:106 Resp: 61913
Ion Ratio Lower Upper
106 100
91 213.7 107.2 321.6



#70
Styrene
Concen: 0.907 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.018 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion:104 Resp: 3220
Ion Ratio Lower Upper
104 100
78 293.5 41.4 62.2#
103 273.7 43.8 65.8#

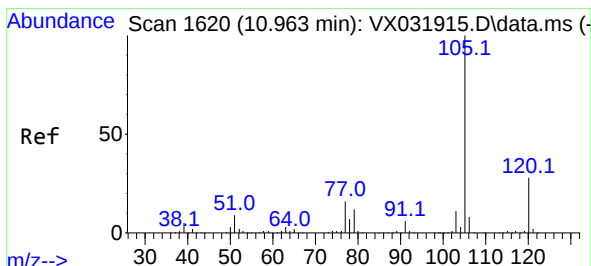
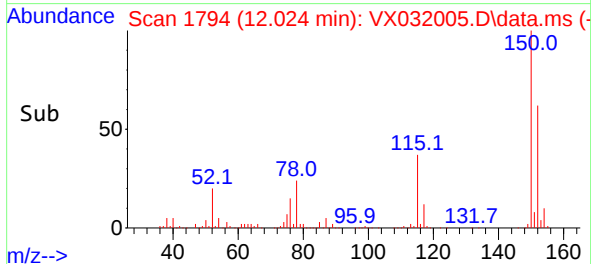
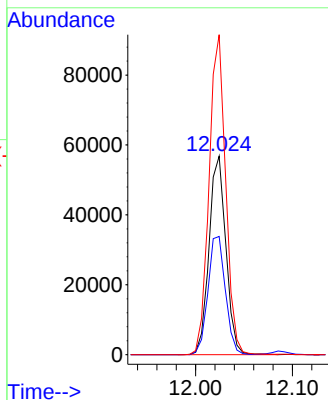
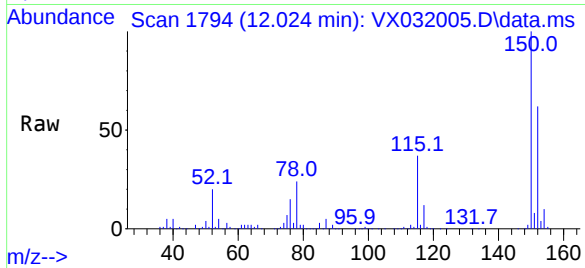




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

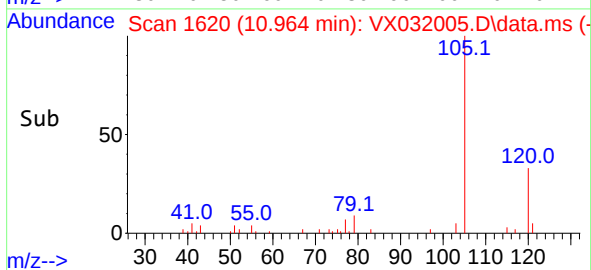
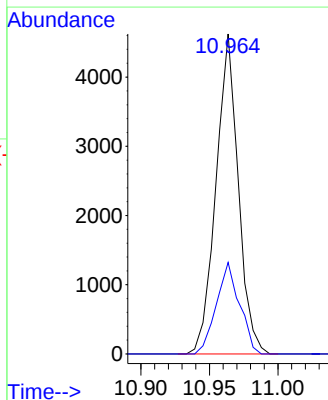
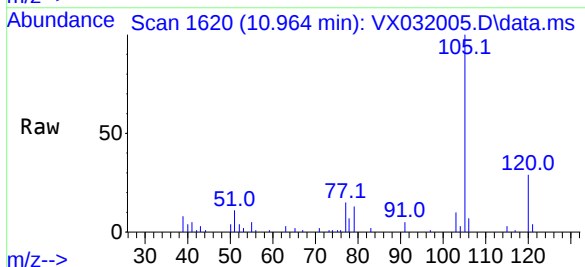
Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

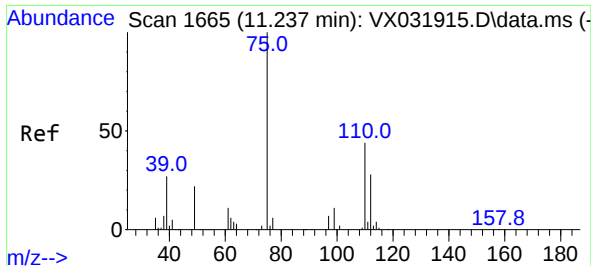
Tgt Ion:152 Resp: 68995
Ion Ratio Lower Upper
152 100
115 61.7 43.4 130.1
150 158.7 0.0 346.8



#73
Isopropylbenzene
Concen: 1.004 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion:105 Resp: 5223
Ion Ratio Lower Upper
105 100
120 29.7 13.7 41.0

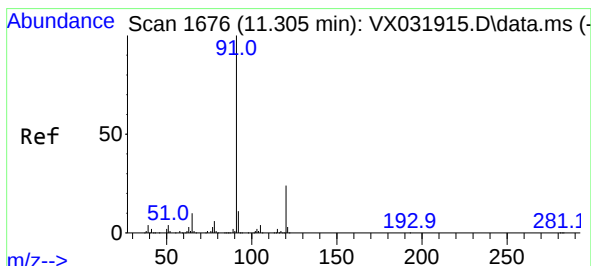
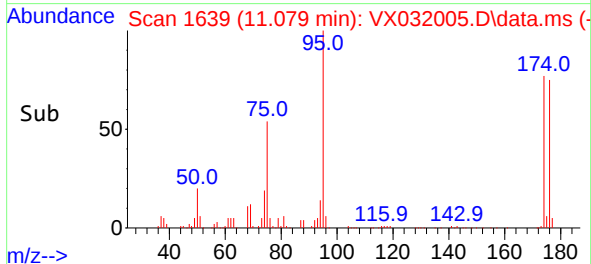
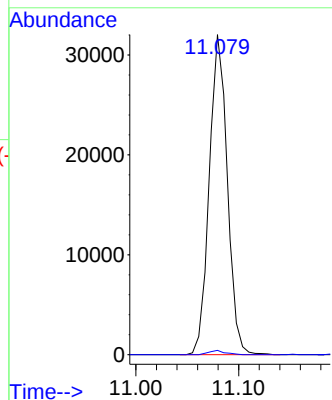
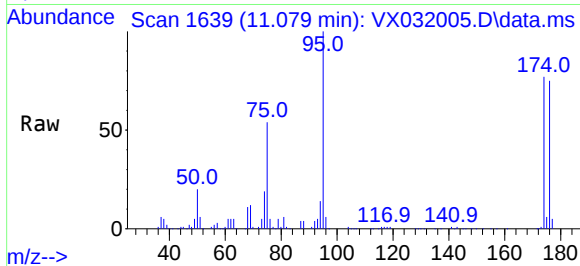




#76
1,2,3-Trichloropropane
Concen: 27.629 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

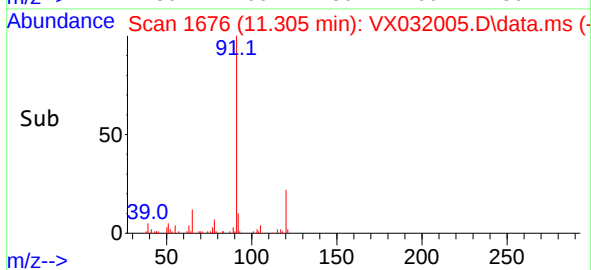
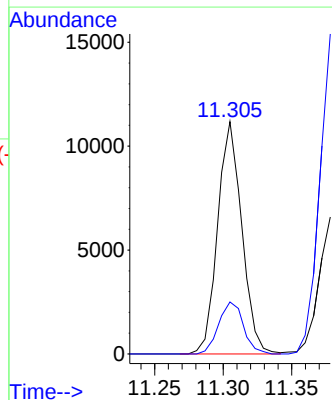
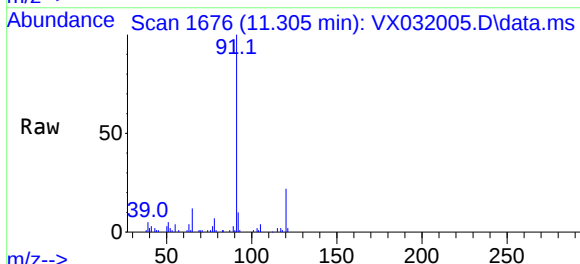
Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

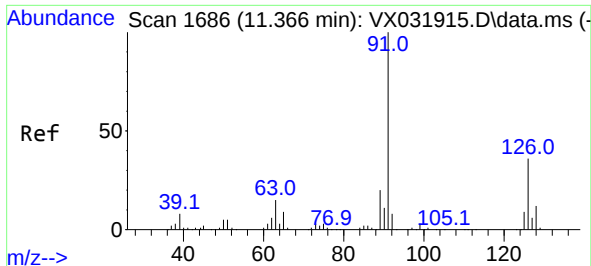
Tgt Ion: 75 Resp: 39069
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#78
n-propylbenzene
Concen: 2.315 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion: 91 Resp: 13700
Ion Ratio Lower Upper
91 100
120 22.9 11.8 35.4

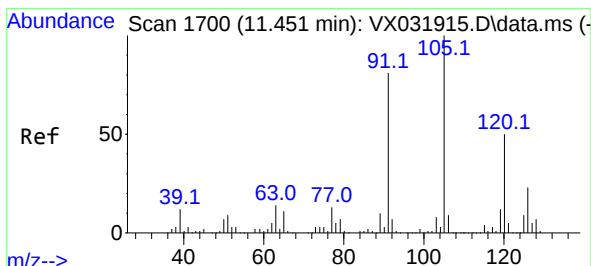
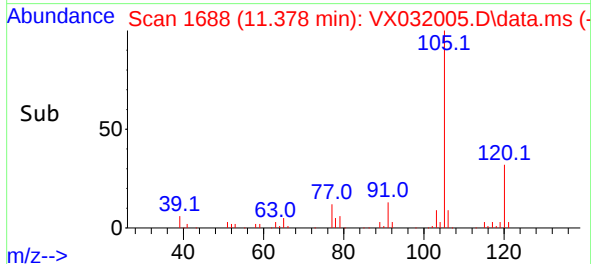
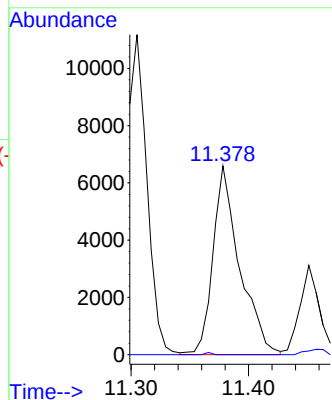
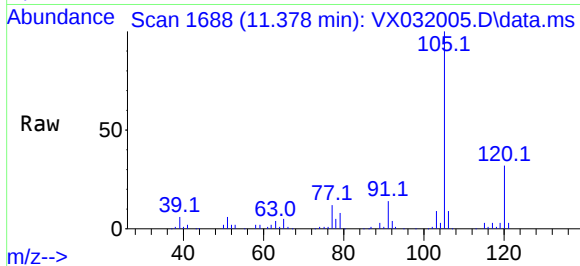




#79
2-Chlorotoluene
Concen: 2.915 ug/l
RT: 11.378 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

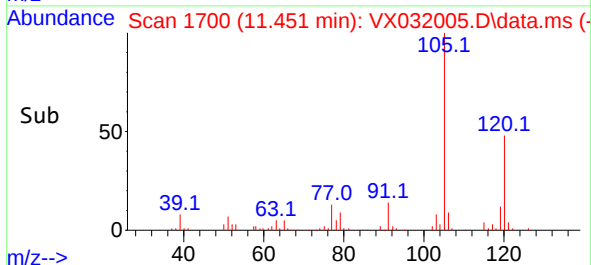
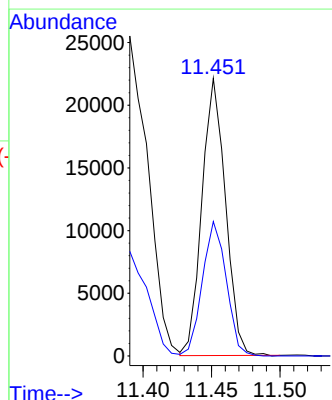
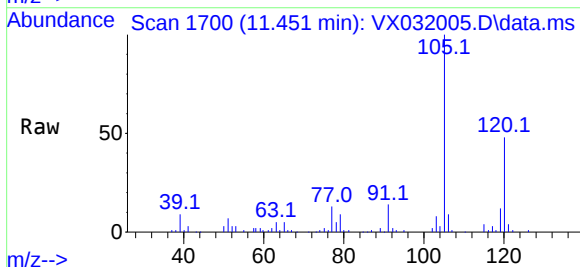
Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

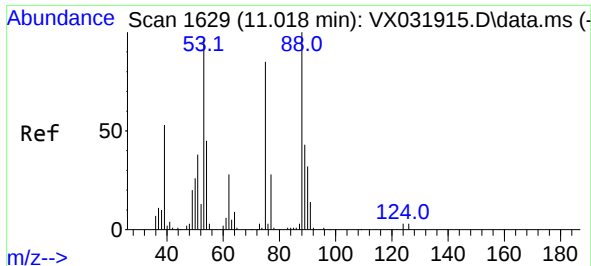
Tgt Ion: 91 Resp: 10382
Ion Ratio Lower Upper
91 100
126 0.3 17.4 52.3#



#80
1,3,5-Trimethylbenzene
Concen: 6.123 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion: 105 Resp: 26426
Ion Ratio Lower Upper
105 100
120 49.3 24.5 73.5

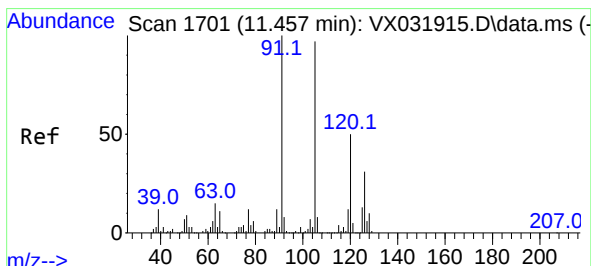
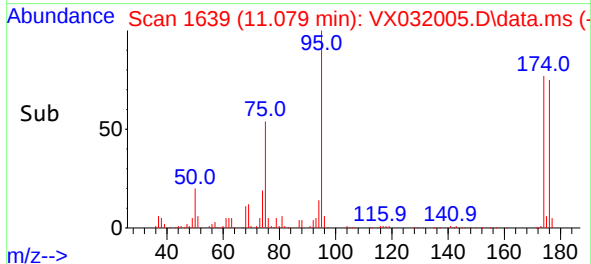
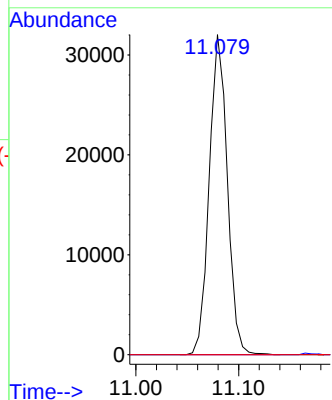
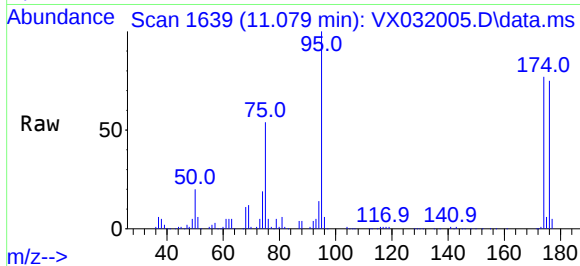




#81
trans-1,4-Dichloro-2-butene
Concen: 94.589 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

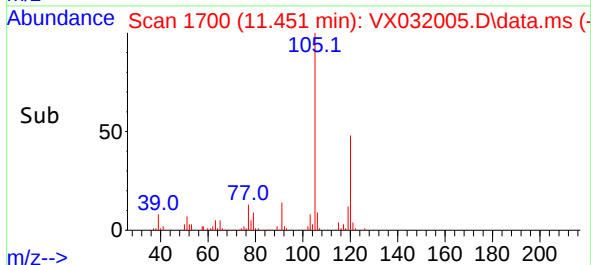
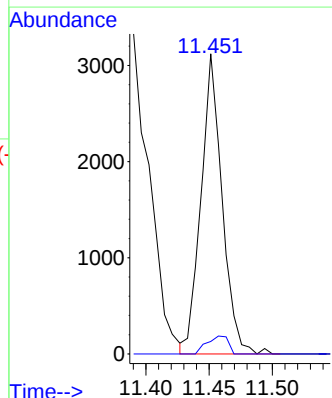
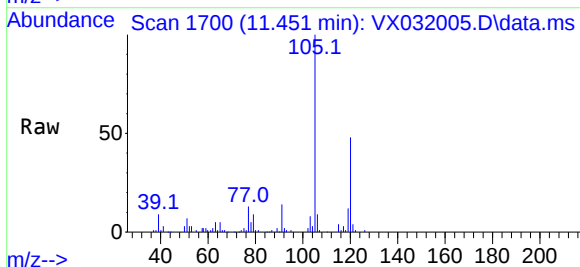
Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

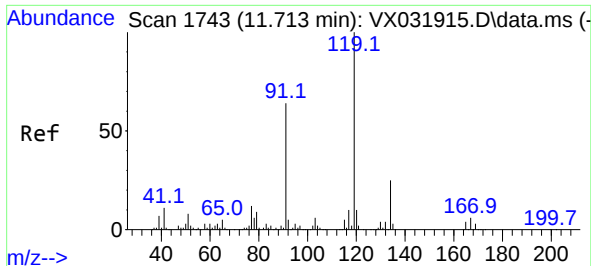
Tgt Ion: 75 Resp: 39069
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#



#82
4-Chlorotoluene
Concen: 0.890 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion: 91 Resp: 3631
Ion Ratio Lower Upper
91 100
126 6.0 15.1 45.3#

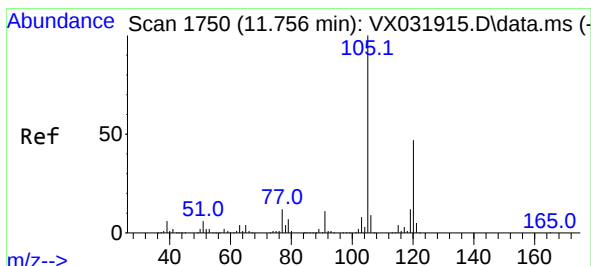
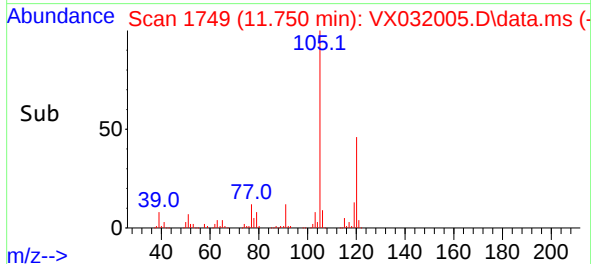
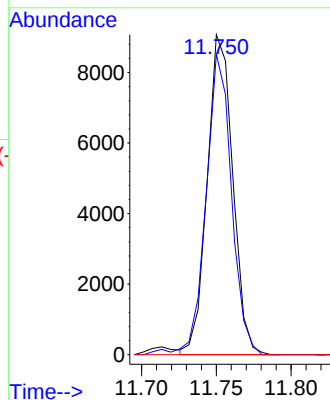
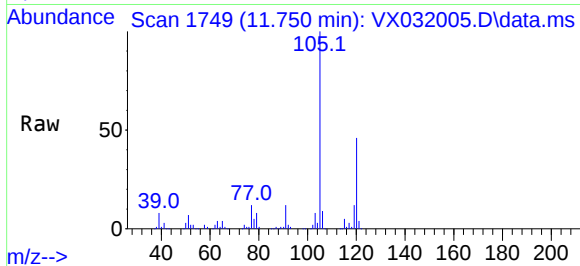




#83
tert-Butylbenzene
Concen: 2.527 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.037 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

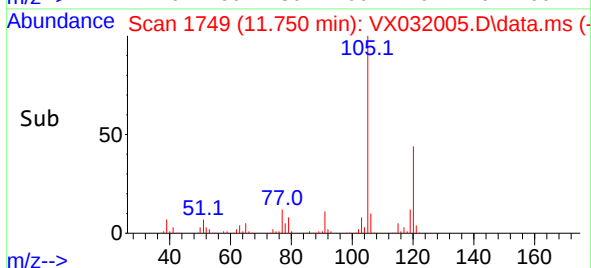
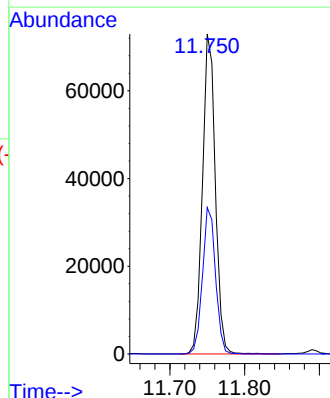
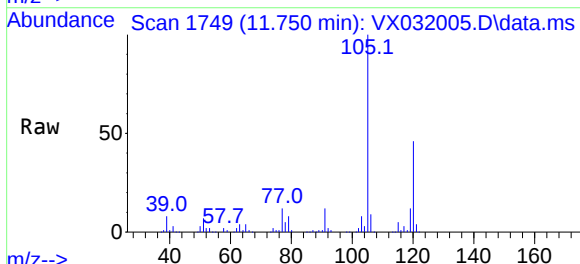
Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

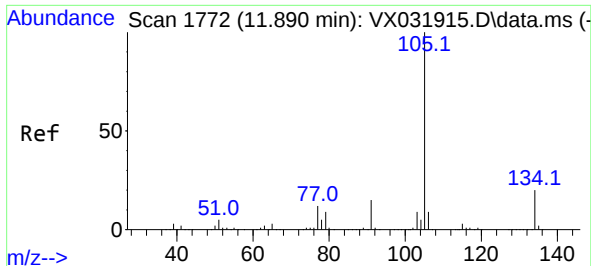
Tgt Ion:119 Resp: 10793
Ion Ratio Lower Upper
119 100
91 93.8 29.2 87.6#
134 0.0 11.6 34.8#



#84
1,2,4-Trimethylbenzene
Concen: 19.857 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion:105 Resp: 87059
Ion Ratio Lower Upper
105 100
120 46.4 22.6 67.8

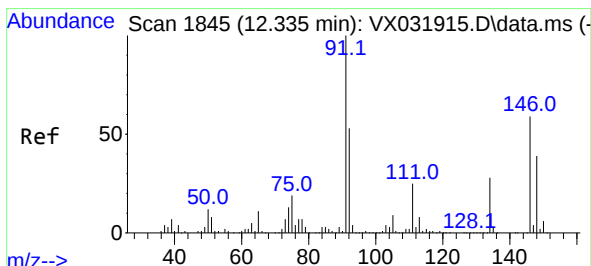
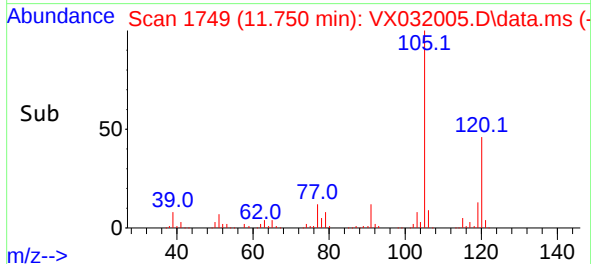
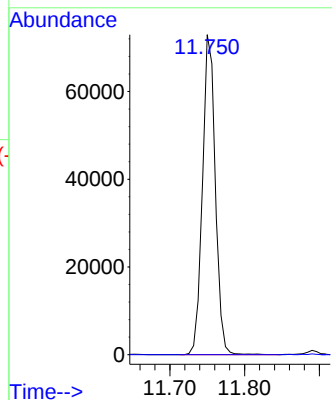
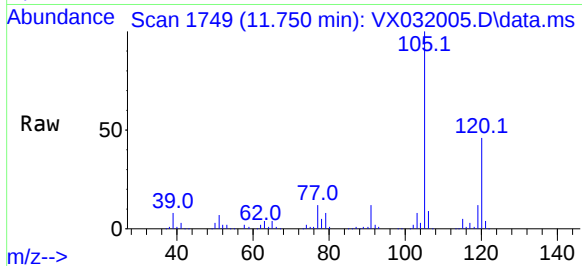




#85
 sec-Butylbenzene
 Concen: 16.462 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. -0.140 min
 Lab File: VX032005.D
 Acq: 10 Oct 2022 12:25

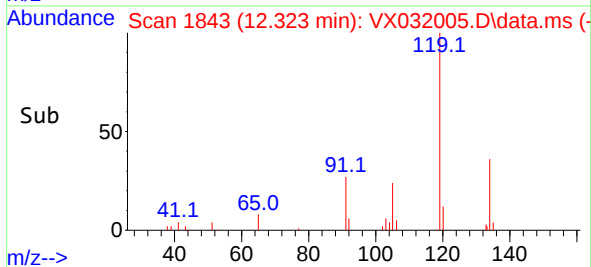
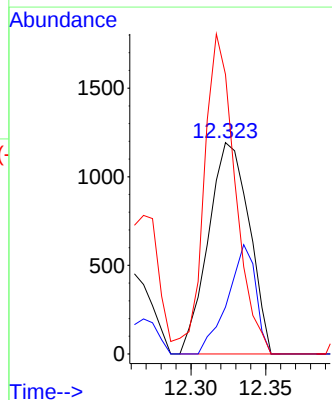
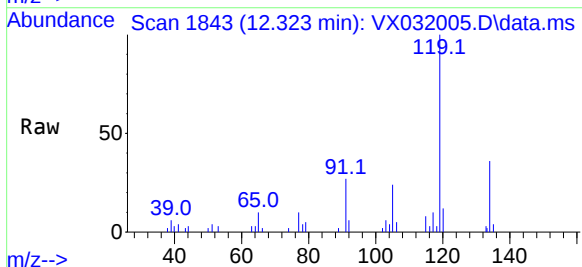
Instrument :
 MSVOA_X
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 DUP-093022DL

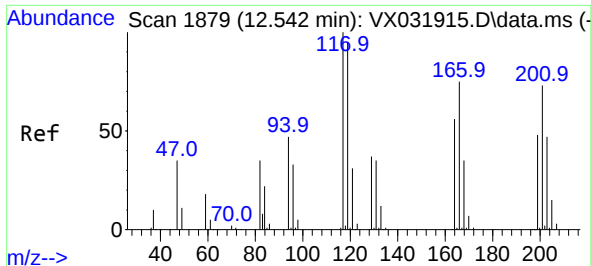
Tgt Ion:105 Resp: 87059
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#89
 n-Butylbenzene
 Concen: 0.609 ug/l
 RT: 12.323 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: VX032005.D
 Acq: 10 Oct 2022 12:25

Tgt Ion: 91 Resp: 2269
 Ion Ratio Lower Upper
 91 100
 92 35.7 27.0 81.0
 134 113.7 13.3 39.9#

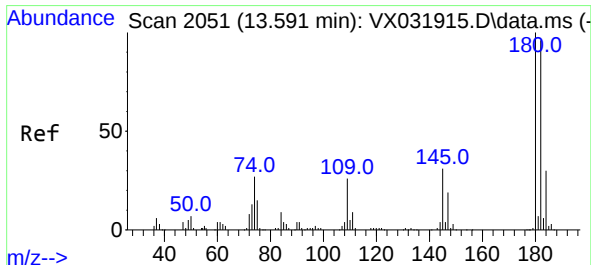
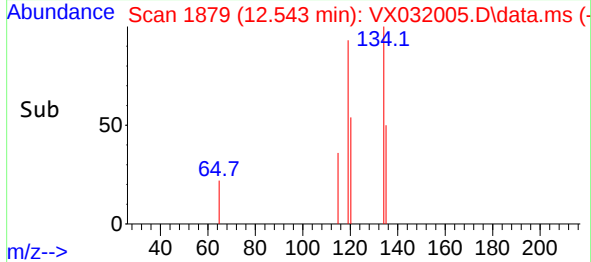
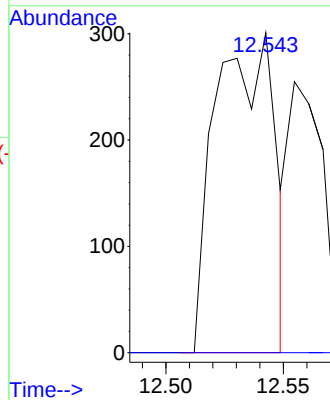
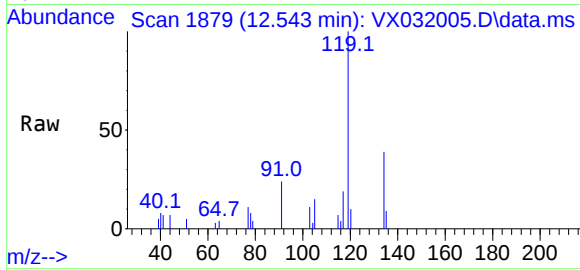




#90
Hexachloroethane
Concen: 2.032 ug/l
RT: 12.543 min Scan# 117
Delta R.T. 0.001 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

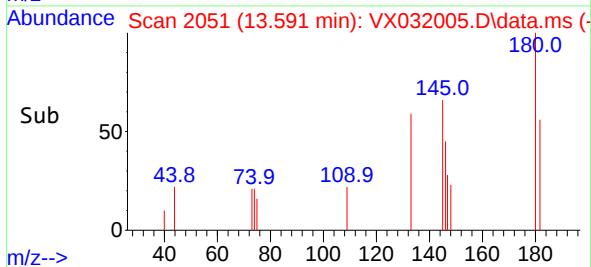
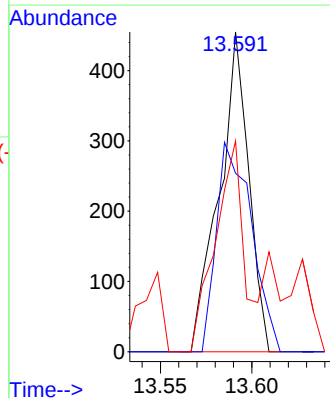
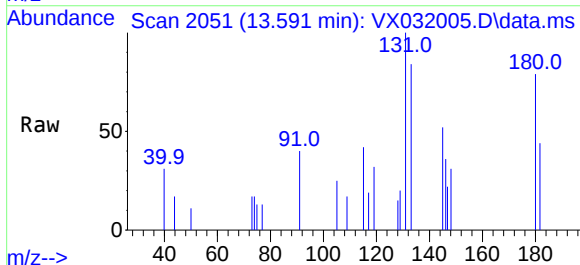
Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

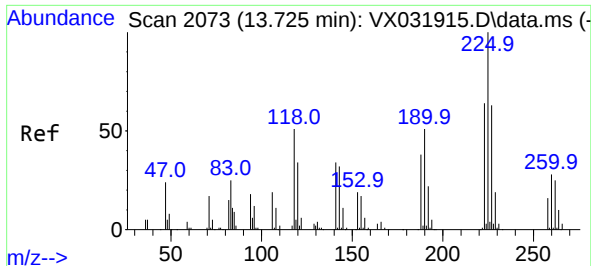
Tgt Ion:117 Resp: 526
Ion Ratio Lower Upper
117 100
201 0.0 34.8 104.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.347 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

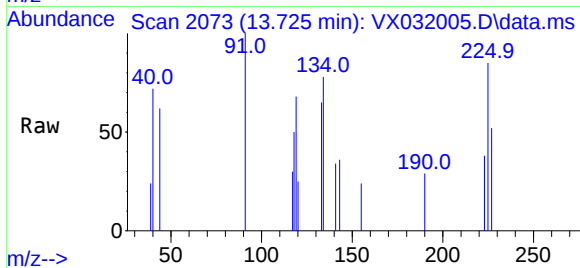
Tgt Ion:180 Resp: 511
Ion Ratio Lower Upper
180 100
182 78.1 46.9 140.6
145 64.8 16.7 50.1#



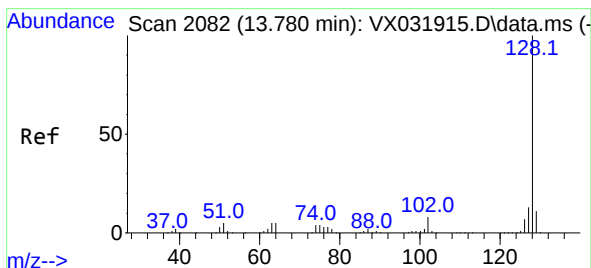
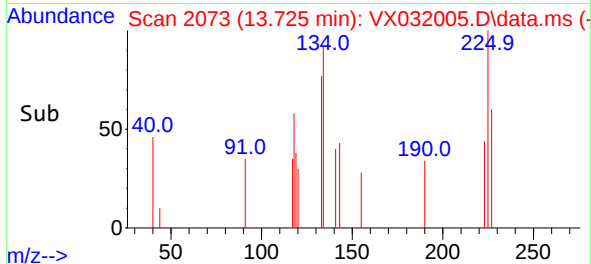
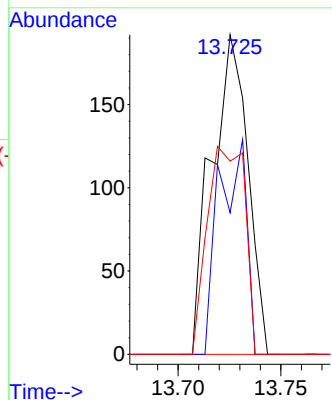


#94
Hexachlorobutadiene
Concen: 0.396 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

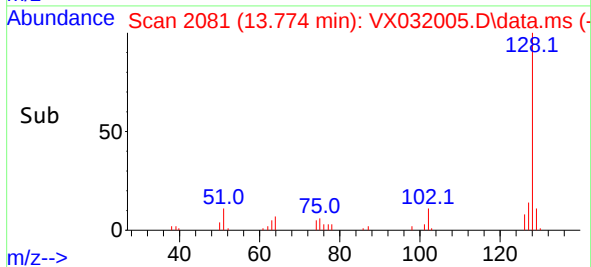
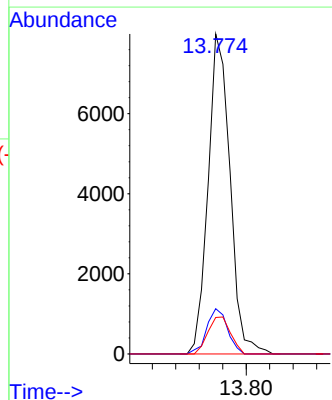
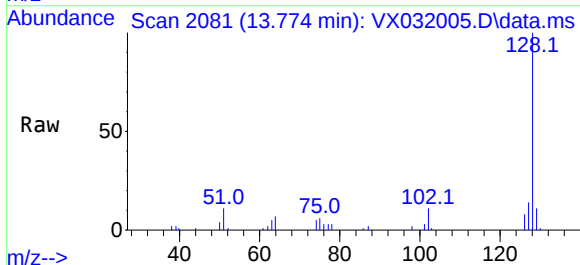


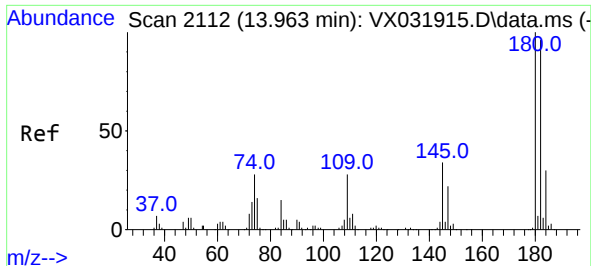
Tgt Ion:	225	Resp:	236
Ion	Ratio	Lower	Upper
225	100		
223	50.8	30.8	92.4
227	66.9	32.3	96.9



#95
Naphthalene
Concen: 2.051 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

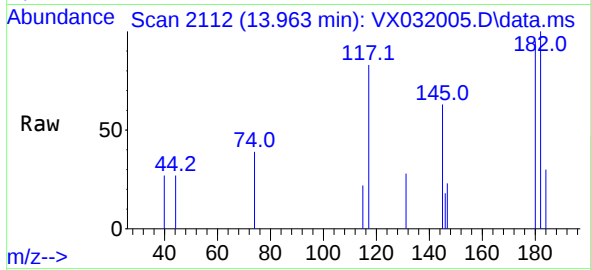
Tgt Ion:	128	Resp:	10353
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.9	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.271 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX032005.D
 Acq: 10 Oct 2022 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-093022DL



Tgt Ion:180 Resp: 405
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.9 143.8
 145 87.7 17.6 52.8#

