

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
 Data File : VX041569.D
 Acq On : 16 May 2024 17:24
 Operator : JC/MD
 Sample : P2502-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 17 02:41:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.903	128	27362	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	149004	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	137837	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	62757	29.125	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.100%
60) 4-Bromofluorobenzene	11.079	95	65831	30.594	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.967%
63) Toluene-d8	8.647	98	175535	29.709	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.033%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	488	0.296	ug/l #	73
8) Diethyl Ether	2.136	74	3802	4.065	ug/l	89
11) Methyl Iodide	2.453	142	698	0.419	ug/l	92
12) Methyl Acetate	3.117	43	3842	1.822	ug/l	99
13) Acrolein	2.386	56	112	0.436	ug/l #	1
15) Acetone	2.386	58	174702	703.411	ug/l	98
16) Carbon Disulfide	2.501	76	26619	8.422	ug/l	100
17) Allyl chloride	2.569	41	2122	0.854	ug/l	90
18) Methylene Chloride	2.782	84	372	0.223	ug/l #	77
22) cis-1,2-Dichloroethene	4.489	96	886	0.454	ug/l #	11
23) tert-Butyl Alcohol	2.989	59	2592616	6590.716	ug/l #	100
30) 2-Butanone	4.556	43	894866	683.997	ug/l	97
31) 2,2-Dichloropropane	4.611	77	110686	47.848	ug/l #	53
34) Benzene	6.031	78	34957	5.616	ug/l	97
36) 1,2-Dichloroethane	6.086	62	1023	0.440	ug/l #	75
44) Isopropyl Acetate	6.336	43	1872	0.491	ug/l #	58
45) 1,4-Dioxane	7.671	88	4172	96.946	ug/l #	67
47) n-amyl Acetate	10.896	43	4291	1.240	ug/l	96
50) 1,1,2-Trichloroethane	9.073	97	943	0.585	ug/l #	19
58) 4-Methyl-2-Pentanone	8.574	43	25828	10.255	ug/l	92
59) 2-Hexanone	9.439	43	5087	2.535	ug/l #	79
62) Toluene	8.720	91	51974	7.578	ug/l	100
64) Chlorobenzene	10.079	112	9375	2.012	ug/l	94
66) Ethyl Benzene	10.195	91	80923	10.625	ug/l	96
67) m/p-Xylenes	10.299	106	29027	9.747	ug/l	92
68) o-Xylene	10.640	106	19166	6.393	ug/l	98
69) Styrene	10.659	104	3012	0.599	ug/l #	1
70) Isopropylbenzene	10.963	105	12830	1.694	ug/l	98
74) n-propylbenzene	11.305	91	5568	0.652	ug/l	96
75) 2-Chlorotoluene	11.372	91	2765	0.515	ug/l	78
76) 1,3,5-Trimethylbenzene	11.451	105	6372	0.986	ug/l	98
77) t-1,4-Dichloro-2-butene	10.957	75	318	0.431	ug/l	90
79) tert-butylbenzene	11.969	119	2231	0.324	ug/l	78
80) 1,2,4-Trimethylbenzene	11.750	105	27375	4.224	ug/l	97
82) p-Isopropyltoluene	12.006	119	27228	3.868	ug/l	99
83) 1,3-Dichlorobenzene	12.042	146	14526	3.639	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	14526	3.601	ug/l	99
85) n-Butylbenzene	12.238	91	3860	0.681	ug/l	52
86) Hexachloroethane	12.530	117	543	0.458	ug/l #	2

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
Response via : Initial Calibration

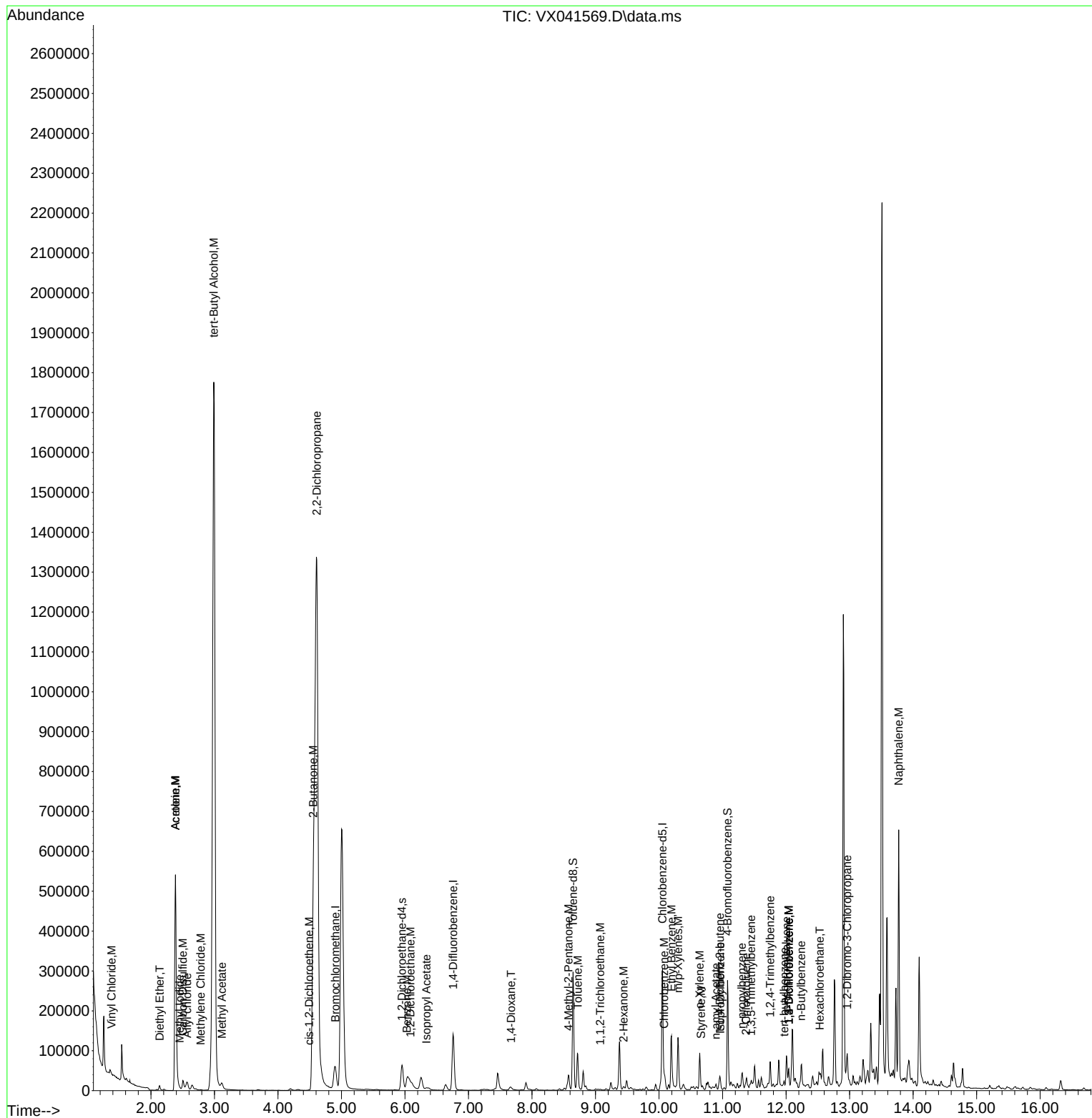
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,2-Dichlorobenzene	12.042	146	14526	3.565	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	12.963	75	514	0.899	ug/l #	1
91) Naphthalene	13.774	128	361700	44.205	ug/l	99

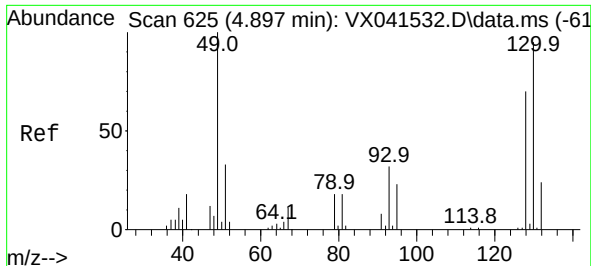
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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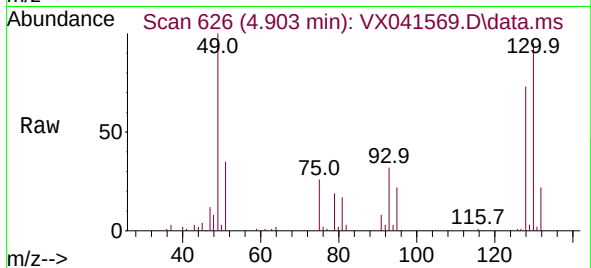
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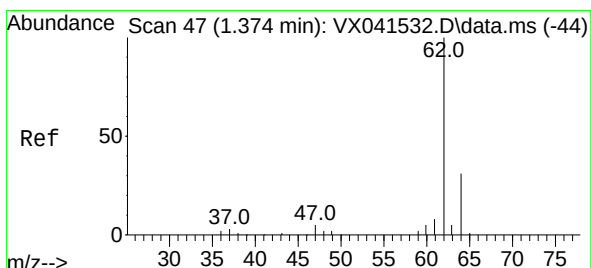
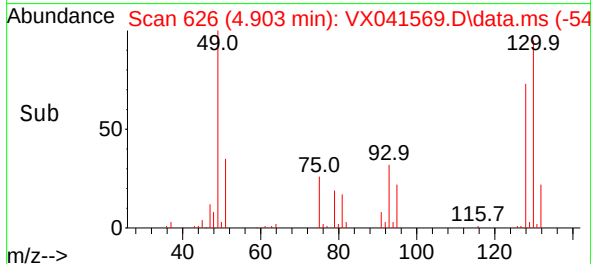
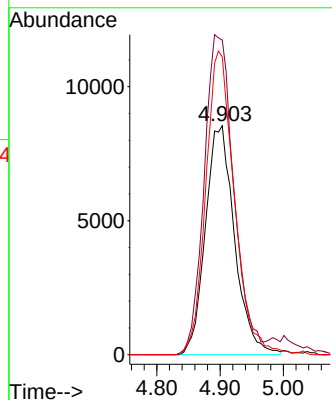


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041569.D
Acq: 16 May 2024 17:24

Instrument :
MSVOA_X
ClientSampleId :

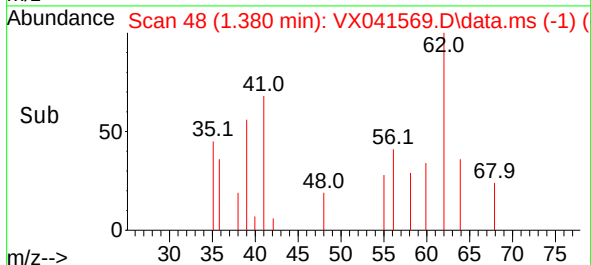
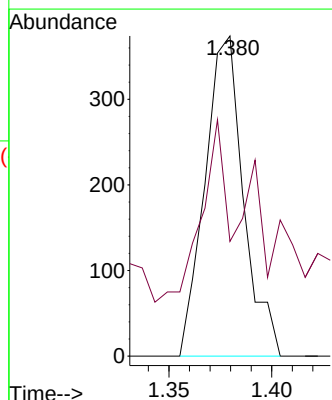
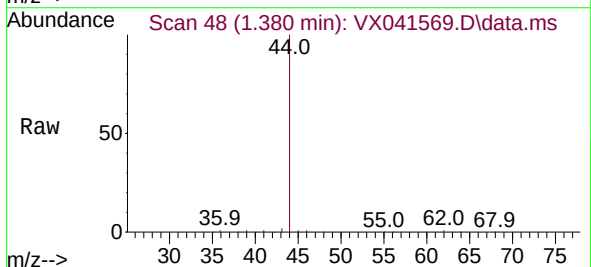


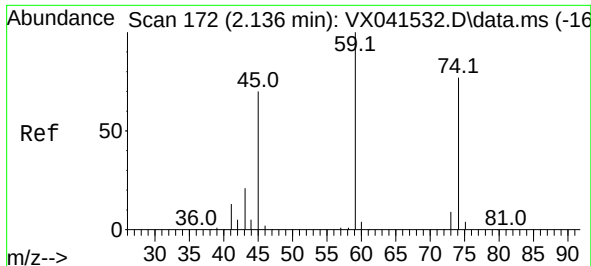
Tgt Ion:128 Resp: 27362
Ion Ratio Lower Upper
128 100
49 142.5 0.0 361.5
130 130.8 0.0 324.3



#4
Vinyl Chloride
Concen: 0.296 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.006 min
Lab File: VX041569.D
Acq: 16 May 2024 17:24

Tgt Ion: 62 Resp: 488
Ion Ratio Lower Upper
62 100
64 15.8 24.6 37.0#

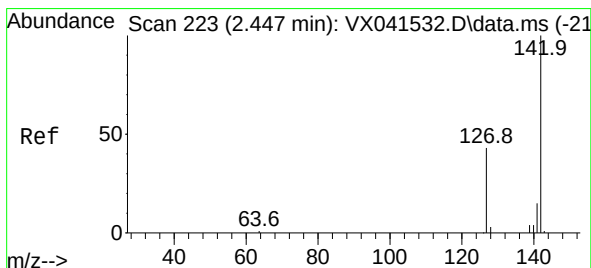
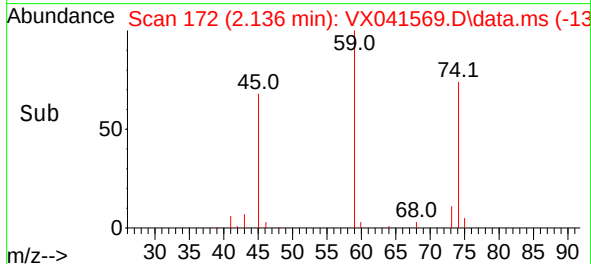
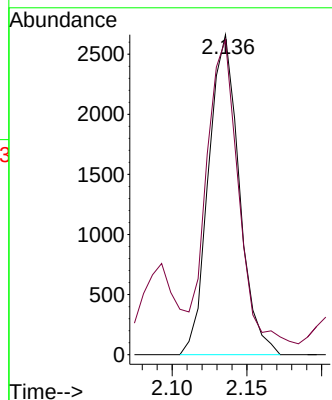
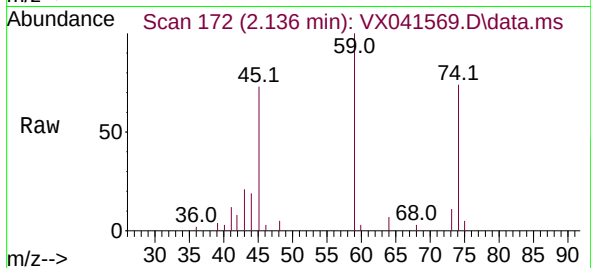




#8
Diethyl Ether
Concen: 4.065 ug/l
RT: 2.136 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041569.D
Acq: 16 May 2024 17:24

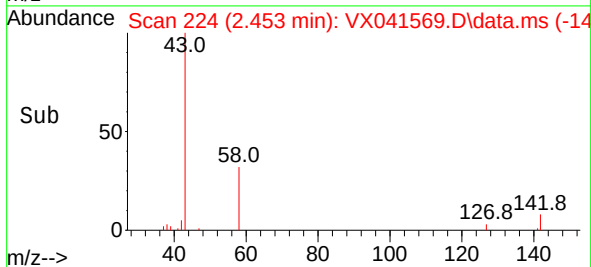
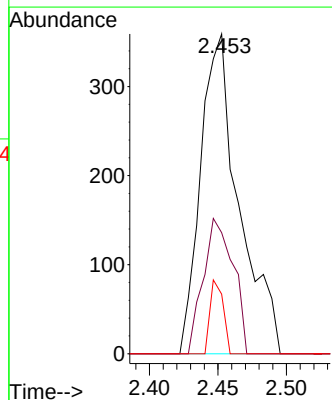
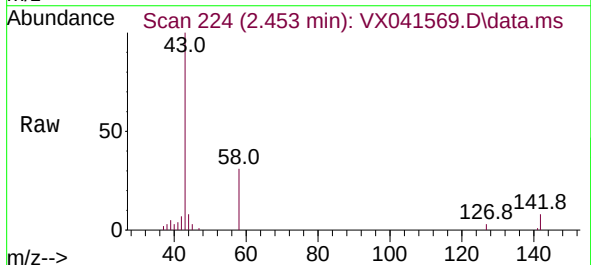
Instrument :
MSVOA_X
ClientSampleId :

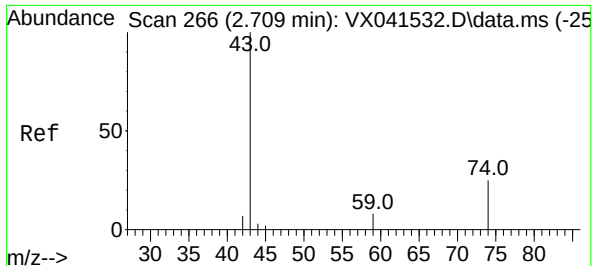
Tgt Ion: 74 Resp: 3802
Ion Ratio Lower Upper
74 100
45 103.1 18.6 167.4



#11
Methyl Iodide
Concen: 0.419 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX041569.D
Acq: 16 May 2024 17:24

Tgt Ion: 142 Resp: 698
Ion Ratio Lower Upper
142 100
127 37.9 21.4 64.2
141 18.7 7.6 22.8





#12

Methyl Acetate

Concen: 1.822 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.408 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

Instrument :

MSVOA_X

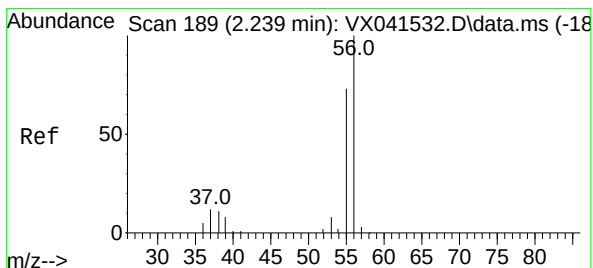
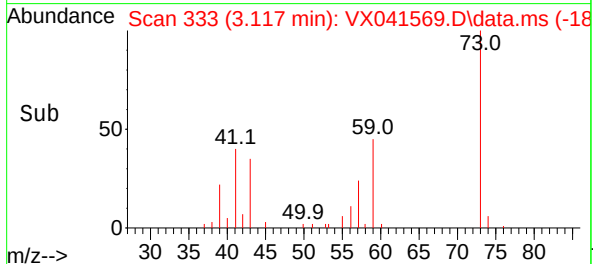
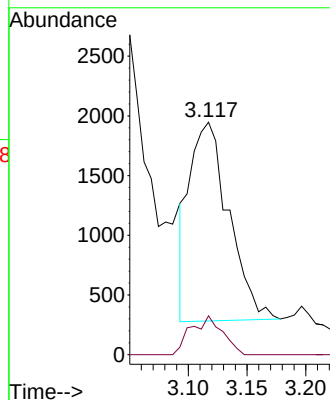
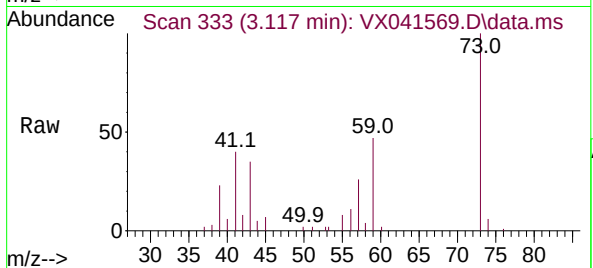
ClientSampleId :

Tgt Ion: 43 Resp: 3842

Ion Ratio Lower Upper

43 100

74 25.3 19.9 29.9



#13

Acrolein

Concen: 0.436 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.146 min

Lab File: VX041569.D

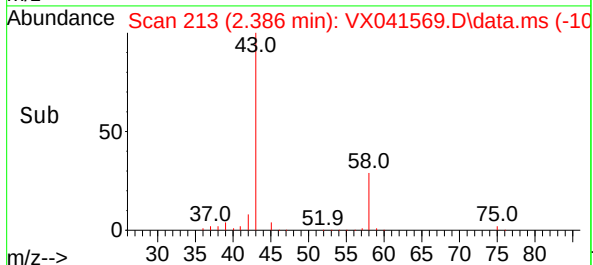
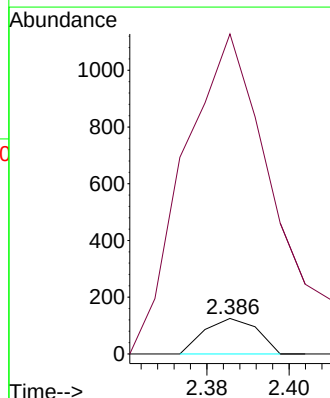
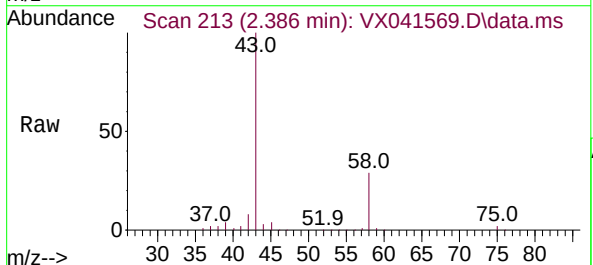
Acq: 16 May 2024 17:24

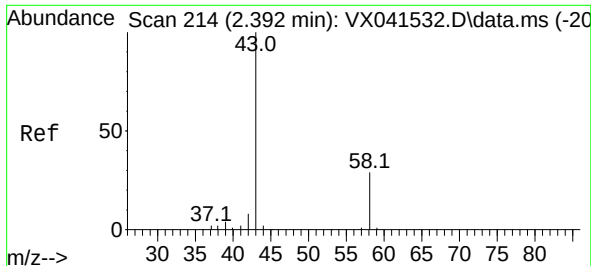
Tgt Ion: 56 Resp: 112

Ion Ratio Lower Upper

56 100

55 1542.0 55.1 82.7#

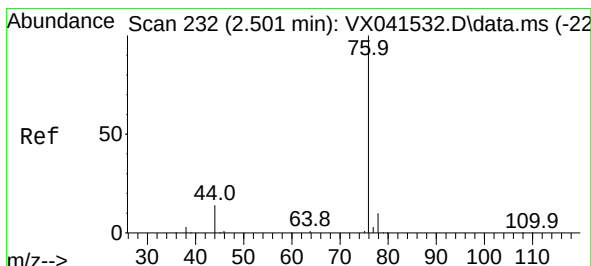
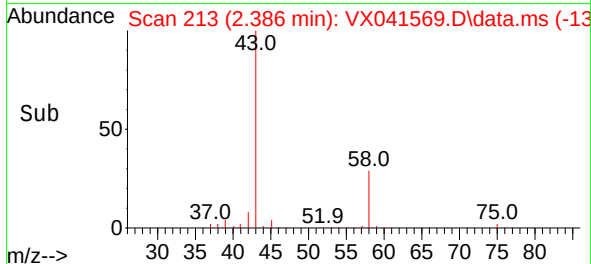
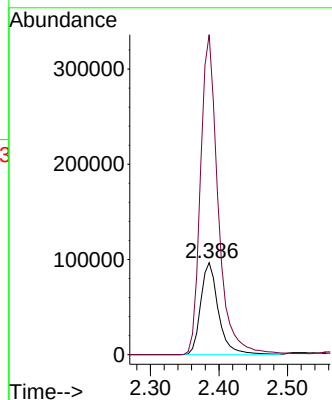
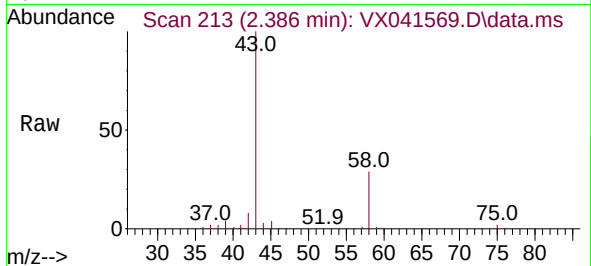




#15
Acetone
Concen: 703.411 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041569.D
Acq: 16 May 2024 17:24

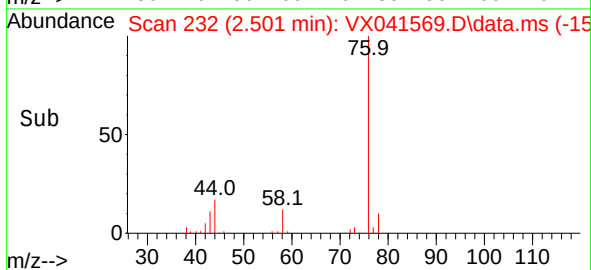
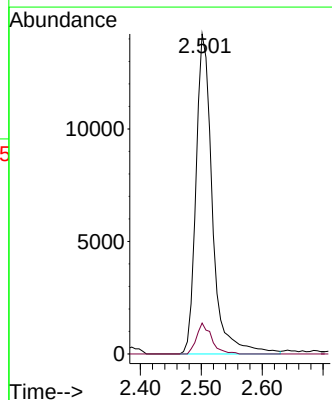
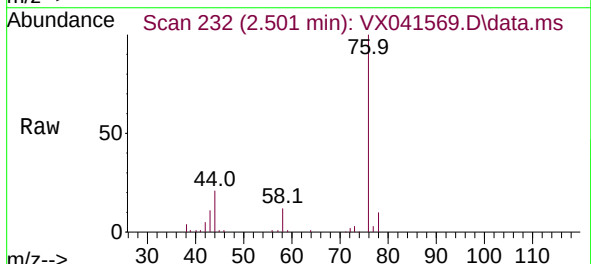
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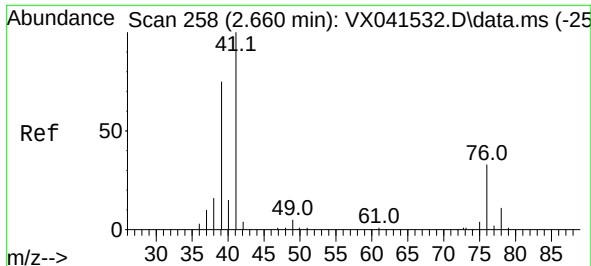
Tgt Ion: 58 Resp: 174702
Ion Ratio Lower Upper
58 100
43 347.7 274.0 411.0



#16
Carbon Disulfide
Concen: 8.422 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041569.D
Acq: 16 May 2024 17:24

Tgt Ion: 76 Resp: 26619
Ion Ratio Lower Upper
76 100
78 9.6 7.6 11.4





#17

Allyl chloride

Concen: 0.854 ug/l

RT: 2.569 min Scan# 243

Delta R.T. -0.091 min

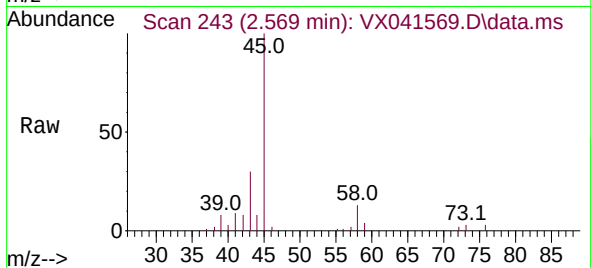
Lab File: VX041569.D

Acq: 16 May 2024 17:24

Instrument :

MSVOA_X

ClientSampleId :



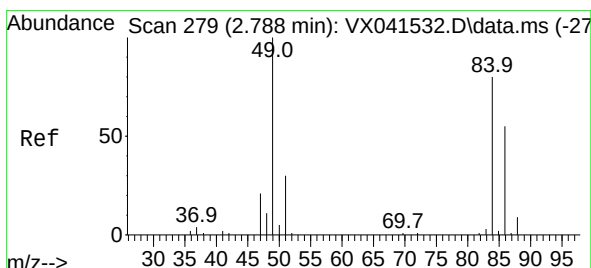
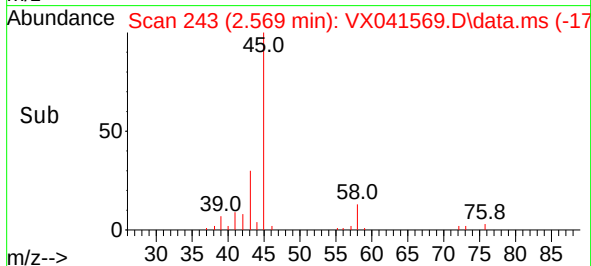
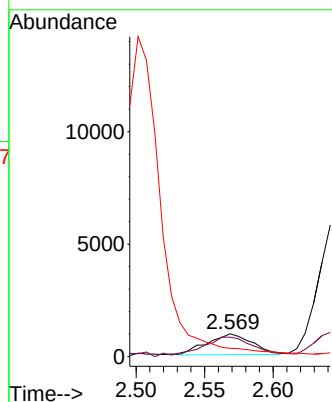
Tgt Ion: 41 Resp: 2122

Ion Ratio Lower Upper

41 100

39 78.6 37.5 112.7

76 19.5 16.6 49.8



#18

Methylene Chloride

Concen: 0.223 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

Tgt Ion: 84 Resp: 372

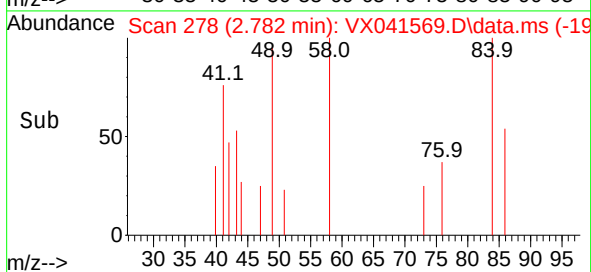
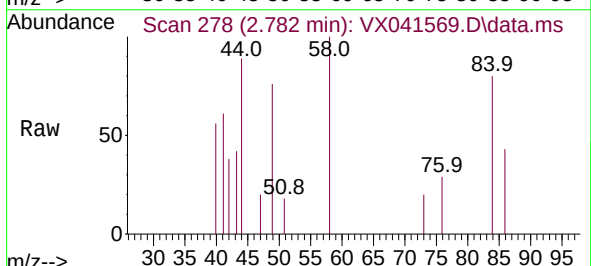
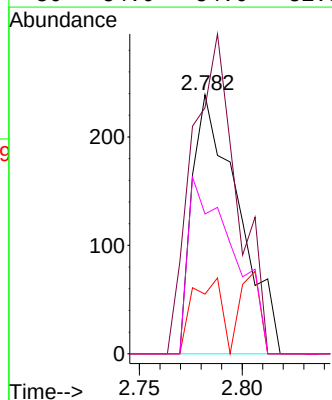
Ion Ratio Lower Upper

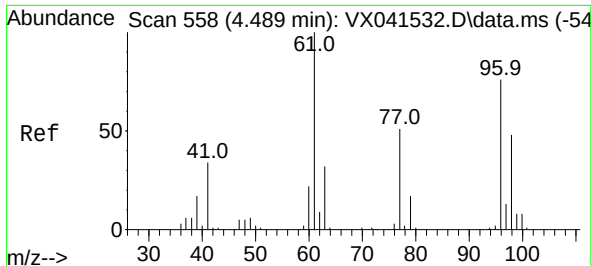
84 100

49 95.0 99.8 149.8#

51 23.0 30.2 45.4#

86 54.0 54.6 81.8#

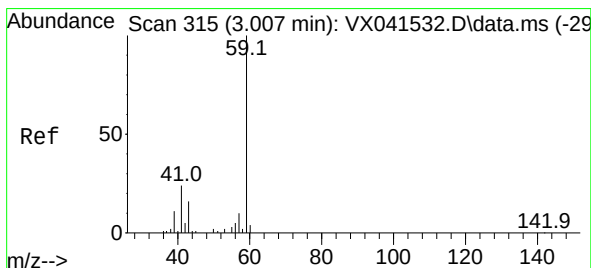
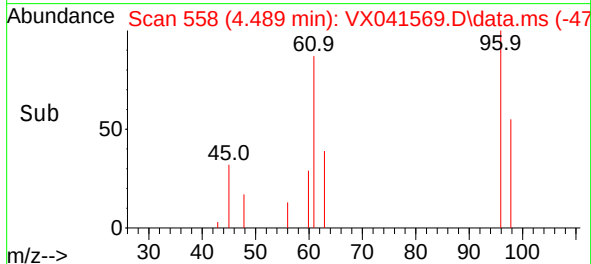
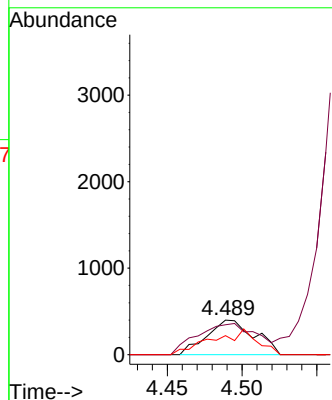
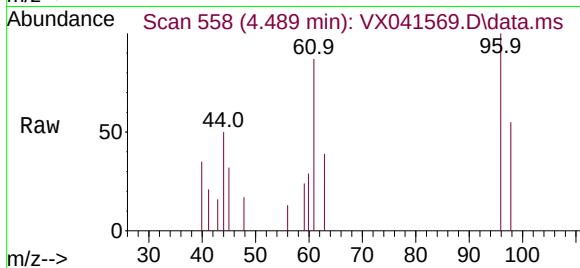




#22
 cis-1,2-Dichloroethene
 Concen: 0.454 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX041569.D
 Acq: 16 May 2024 17:24

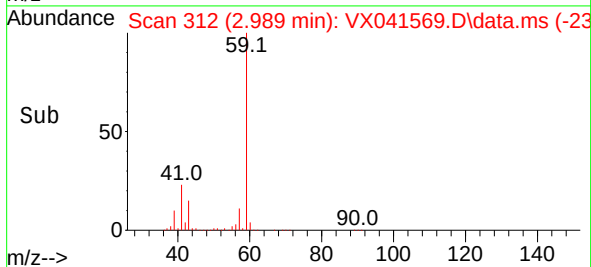
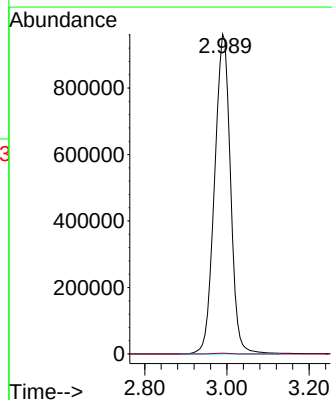
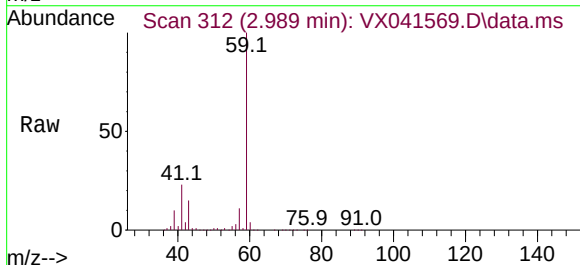
Instrument :
 MSVOA_X
 ClientSampleId :

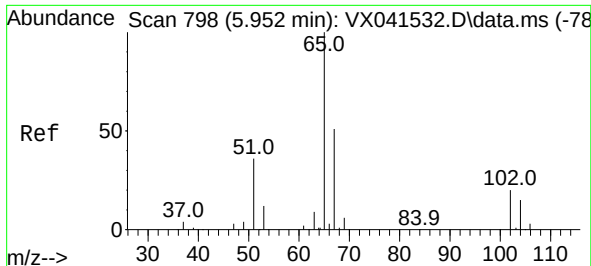
Tgt Ion: 96 Resp: 886
 Ion Ratio Lower Upper
 96 100
 61 0.0 114.2 171.4#
 98 41.2 52.6 79.0#



#23
 tert-Butyl Alcohol
 Concen: 6590.716 ug/l
 RT: 2.989 min Scan# 312
 Delta R.T. -0.018 min
 Lab File: VX041569.D
 Acq: 16 May 2024 17:24

Tgt Ion: 59 Resp: 2592616
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.0 0.0#





#27

1,2-Dichloroethane-d4

Concen: 29.125 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

Instrument :

MSVOA_X

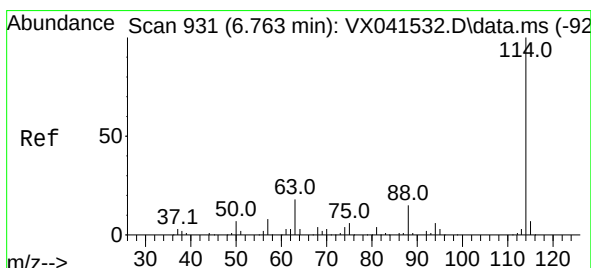
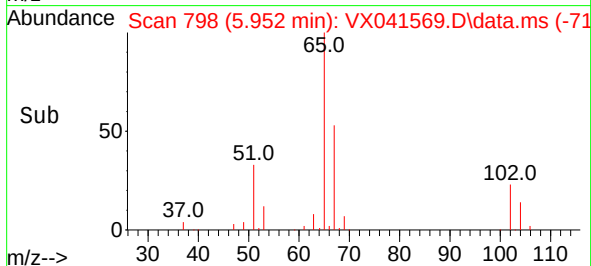
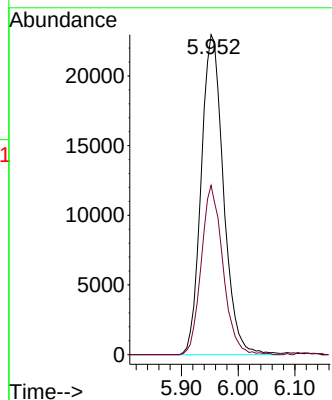
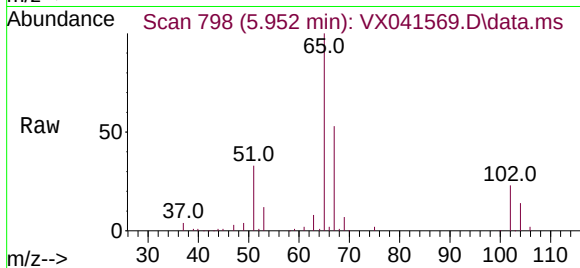
ClientSampleId :

Tgt Ion: 65 Resp: 62757

Ion Ratio Lower Upper

65 100

67 51.1 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

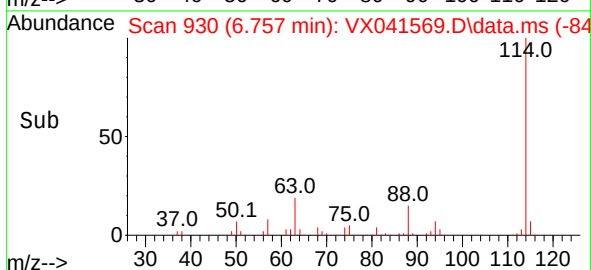
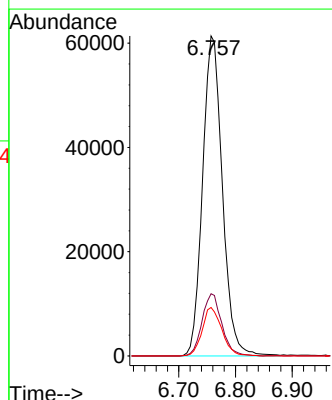
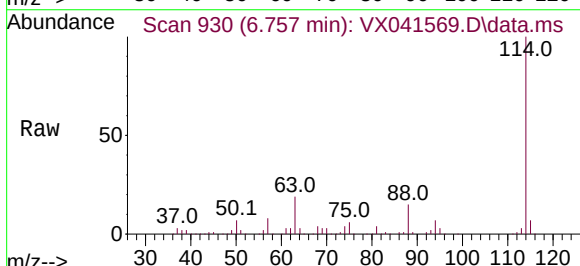
Tgt Ion: 114 Resp: 149004

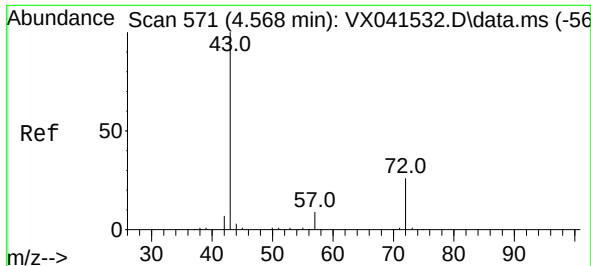
Ion Ratio Lower Upper

114 100

63 19.3 15.4 23.0

88 15.1 12.2 18.2





#30

2-Butanone

Concen: 683.997 ug/l

RT: 4.556 min Scan# 571

Delta R.T. -0.012 min

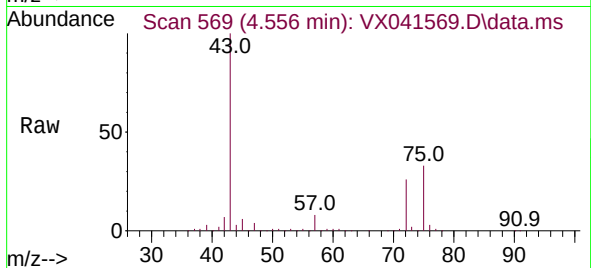
Lab File: VX041569.D

Acq: 16 May 2024 17:24

Instrument :

MSVOA_X

ClientSampleId :



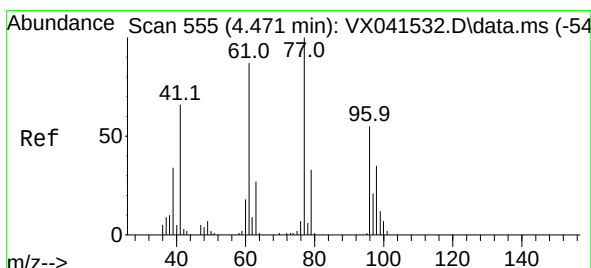
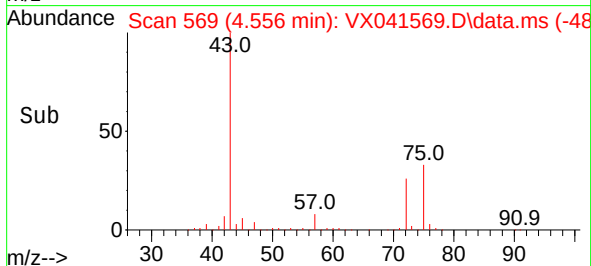
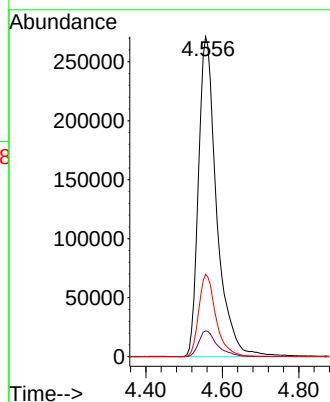
Tgt Ion: 43 Resp: 894866

Ion Ratio Lower Upper

43 100

57 8.3 6.6 10.0

72 24.2 20.7 31.1



#31

2,2-Dichloropropane

Concen: 47.848 ug/l

RT: 4.611 min Scan# 578

Delta R.T. 0.140 min

Lab File: VX041569.D

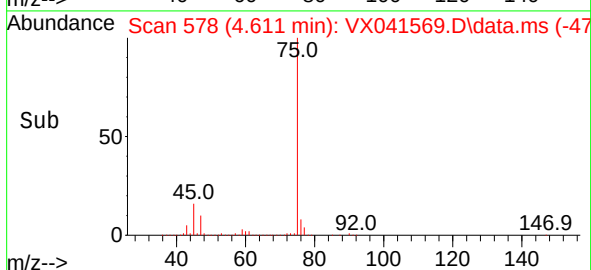
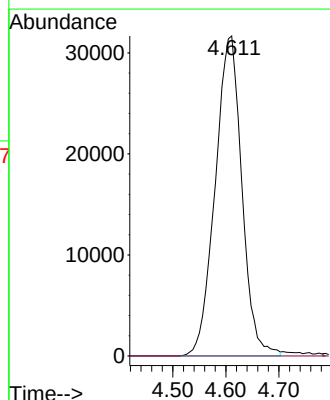
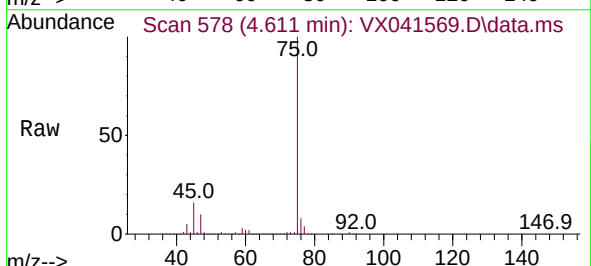
Acq: 16 May 2024 17:24

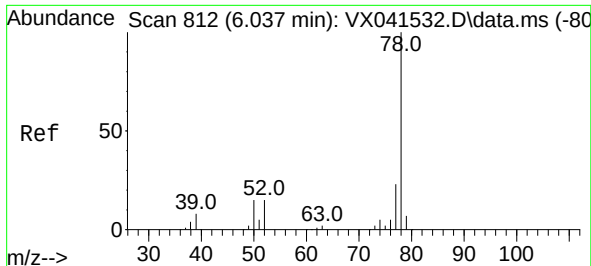
Tgt Ion: 77 Resp: 110686

Ion Ratio Lower Upper

77 100

97 0.0 18.0 27.0#





#34

Benzene

Concen: 5.616 ug/l

RT: 6.031 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

Instrument :

MSVOA_X

ClientSampleId :

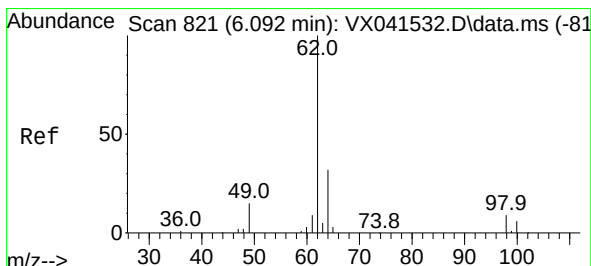
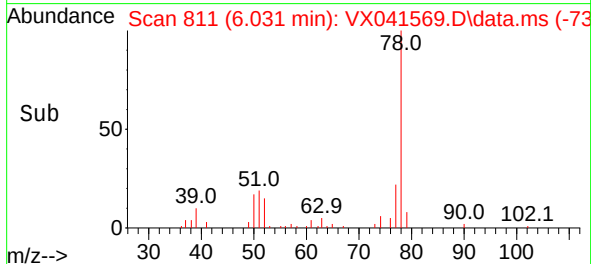
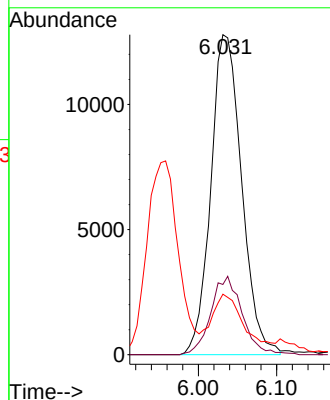
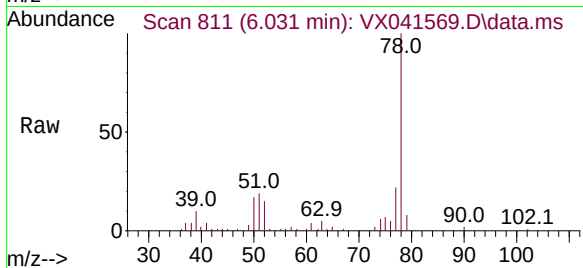
Tgt Ion: 78 Resp: 34957

Ion Ratio Lower Upper

78 100

77 21.9 18.6 28.0

51 14.0 12.4 18.6



#36

1,2-Dichloroethane

Concen: 0.440 ug/l

RT: 6.086 min Scan# 820

Delta R.T. -0.006 min

Lab File: VX041569.D

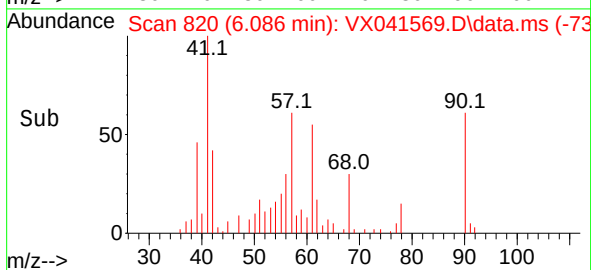
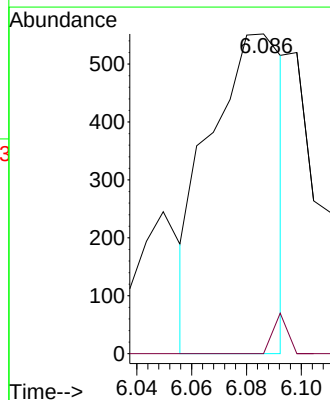
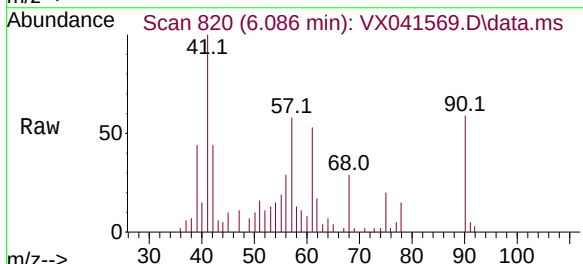
Acq: 16 May 2024 17:24

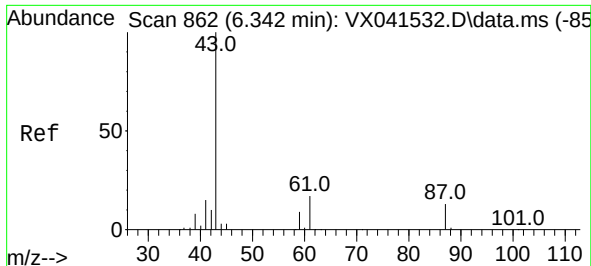
Tgt Ion: 62 Resp: 1023

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#





#44

Isopropyl Acetate

Concen: 0.491 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

Instrument :

MSVOA_X

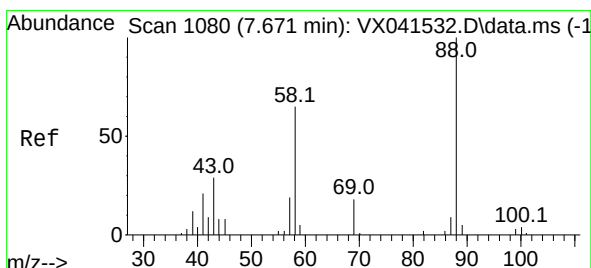
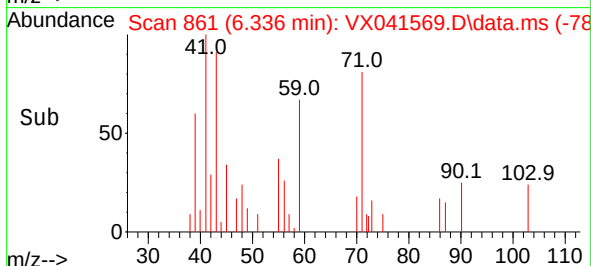
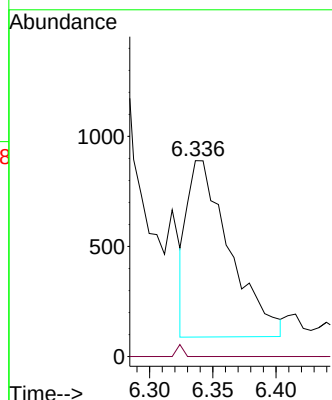
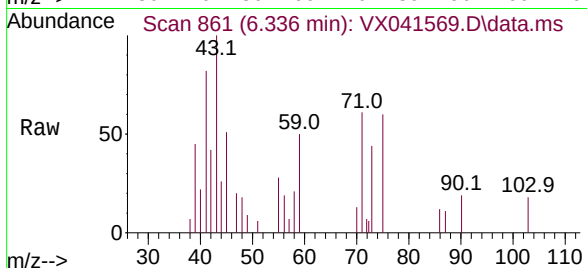
ClientSampleId :

Tgt Ion: 43 Resp: 1872

Ion Ratio Lower Upper

43 100

61 0.0 15.3 22.9#



#45

1,4-Dioxane

Concen: 96.946 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

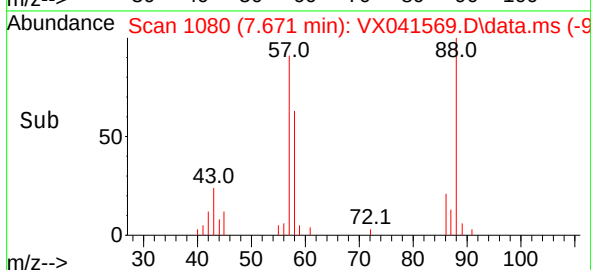
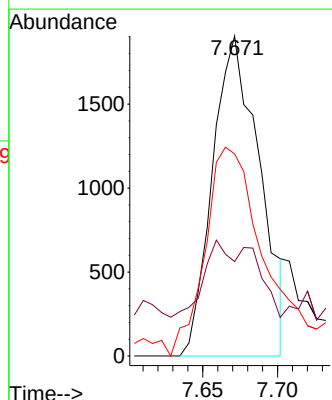
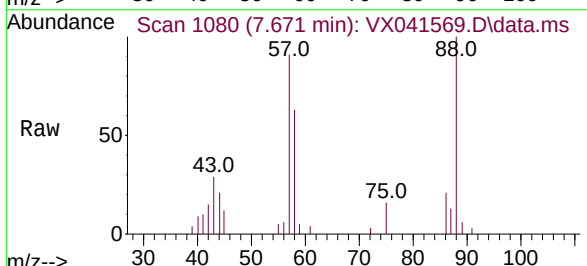
Tgt Ion: 88 Resp: 4172

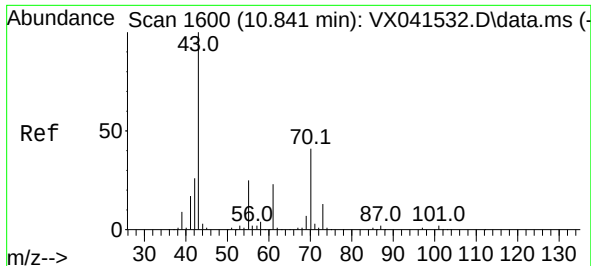
Ion Ratio Lower Upper

88 100

43 11.1 24.9 37.3#

58 81.8 47.0 70.4#





#47

n-amyl Acetate

Concen: 1.240 ug/l

RT: 10.896 min Scan# 1

Delta R.T. 0.055 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

Instrument :

MSVOA_X

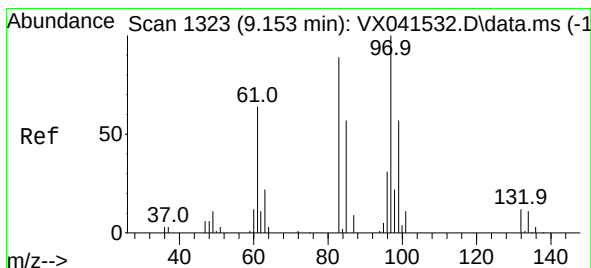
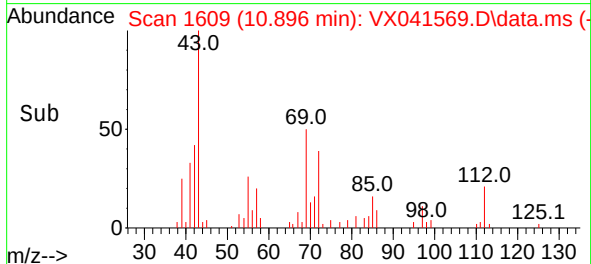
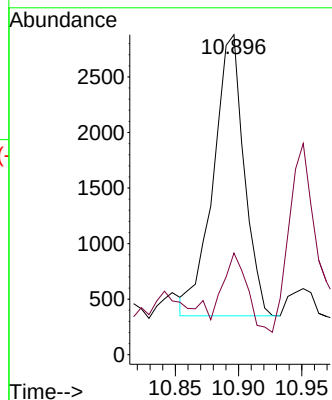
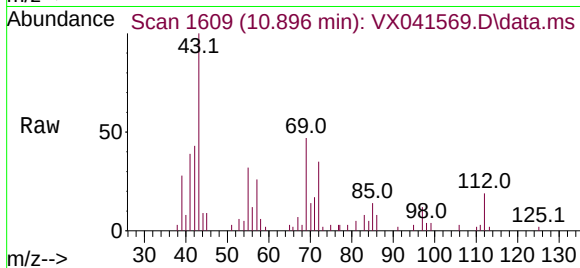
ClientSampleId :

Tgt Ion: 43 Resp: 4291

Ion Ratio Lower Upper

43 100

55 22.0 19.4 29.0



#50

1,1,2-Trichloroethane

Concen: 0.585 ug/l

RT: 9.073 min Scan# 1310

Delta R.T. -0.079 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

Tgt Ion: 97 Resp: 943

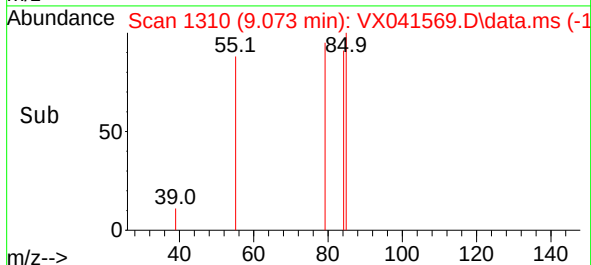
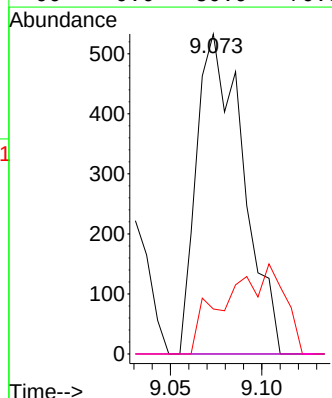
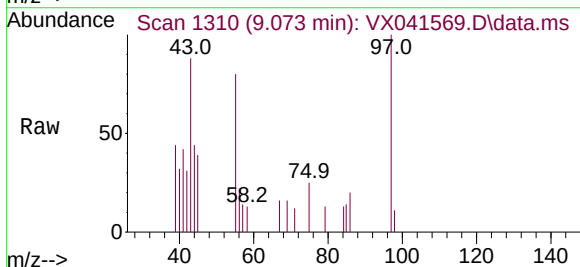
Ion Ratio Lower Upper

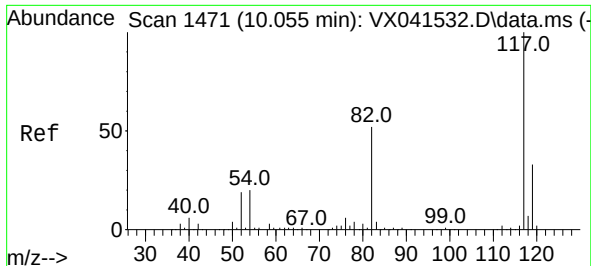
97 100

83 0.0 71.3 106.9#

85 14.1 45.7 68.5#

99 0.0 50.9 76.3#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

Instrument :

MSVOA_X

ClientSampleId :

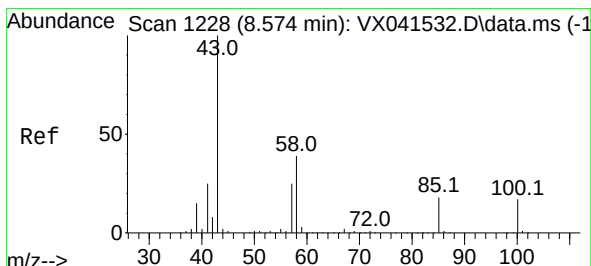
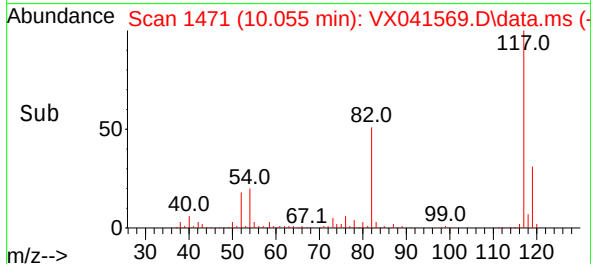
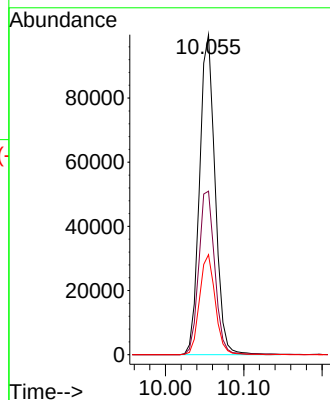
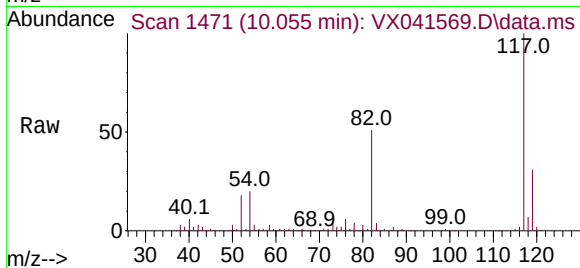
Tgt Ion:117 Resp: 137837

Ion Ratio Lower Upper

117 100

82 52.5 41.7 62.5

119 31.5 25.7 38.5



#58

4-Methyl-2-Pentanone

Concen: 10.255 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

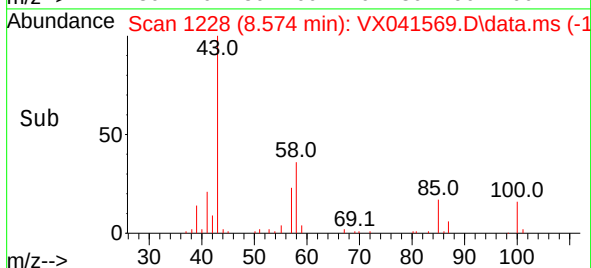
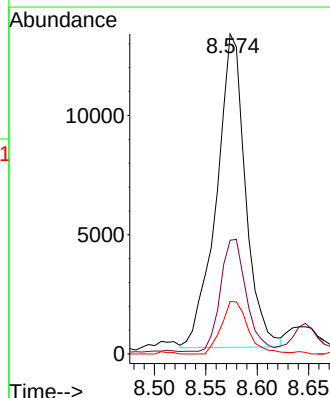
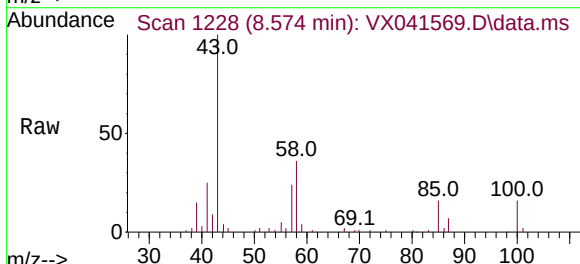
Tgt Ion: 43 Resp: 25828

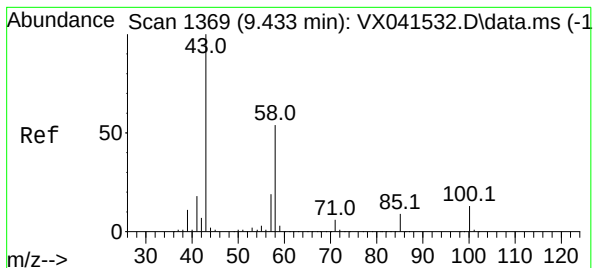
Ion Ratio Lower Upper

43 100

58 32.7 30.2 45.4

85 15.4 14.6 21.8





#59

2-Hexanone

Concen: 2.535 ug/l

RT: 9.439 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

Instrument :

MSVOA_X

ClientSampleId :

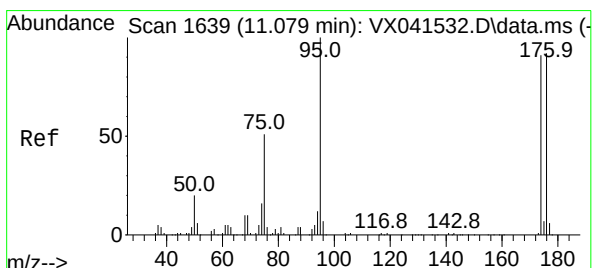
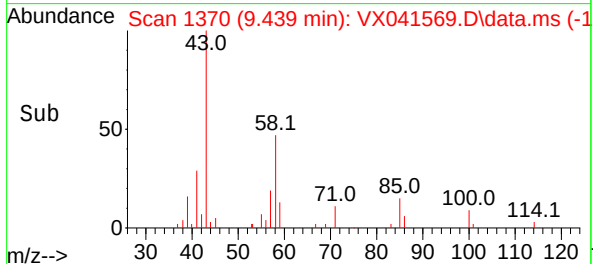
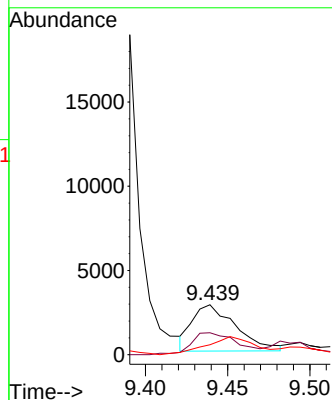
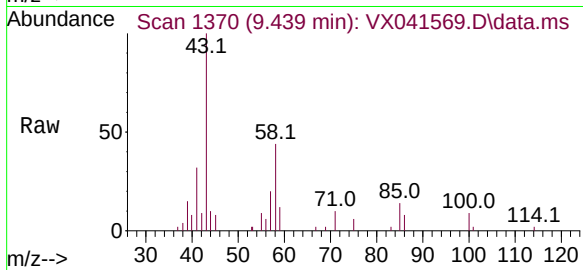
Tgt Ion: 43 Resp: 5087

Ion Ratio Lower Upper

43 100

58 46.0 42.3 63.5

57 41.9 15.1 22.7#



#60

4-Bromofluorobenzene

Concen: 30.594 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

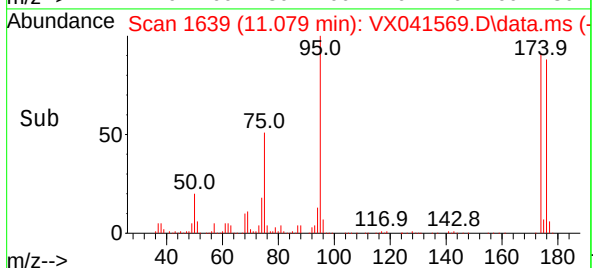
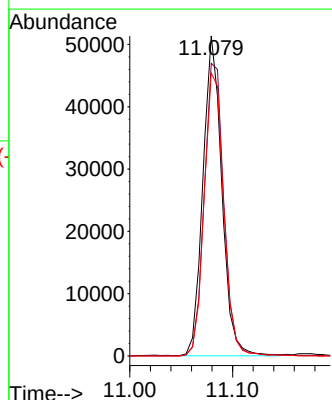
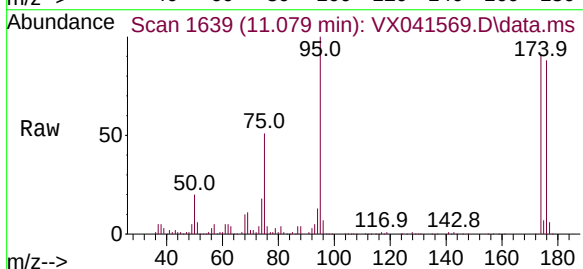
Tgt Ion: 95 Resp: 65831

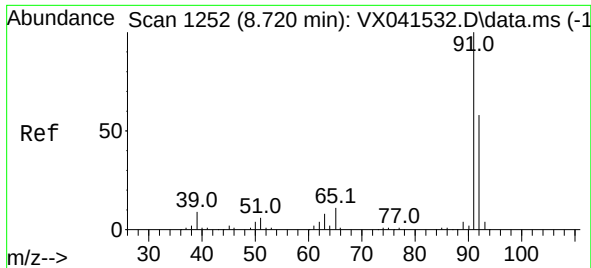
Ion Ratio Lower Upper

95 100

174 94.9 76.6 115.0

176 91.5 75.4 113.0





#62

Toluene

Concen: 7.578 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

Instrument :

MSVOA_X

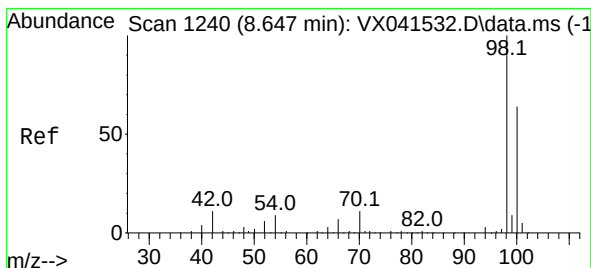
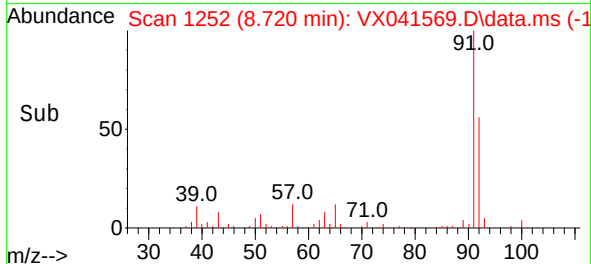
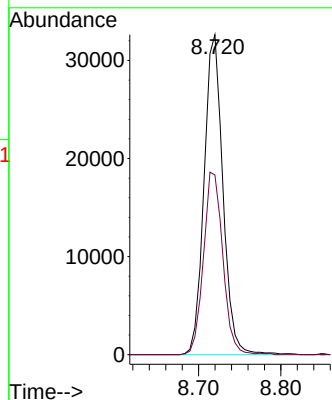
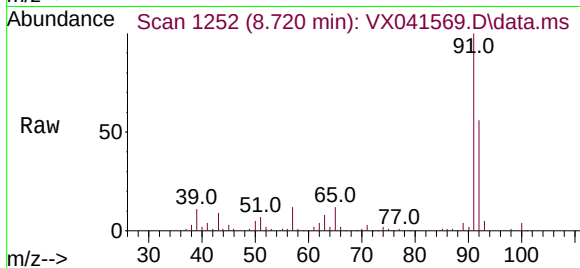
ClientSampleId :

Tgt Ion: 91 Resp: 51974

Ion Ratio Lower Upper

91 100

92 58.5 47.0 70.6



#63

Toluene-d8

Concen: 29.709 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041569.D

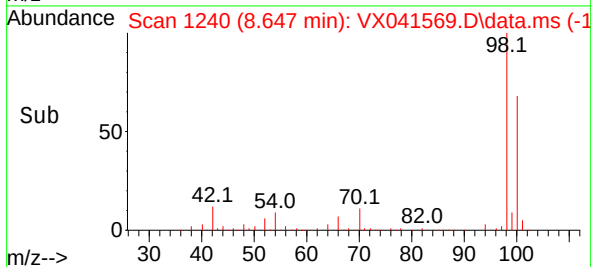
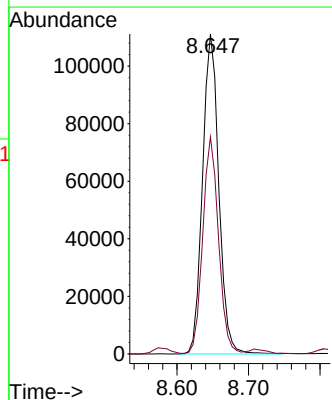
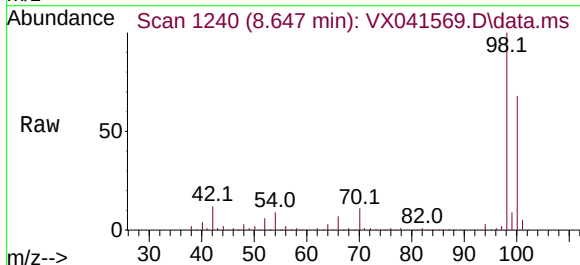
Acq: 16 May 2024 17:24

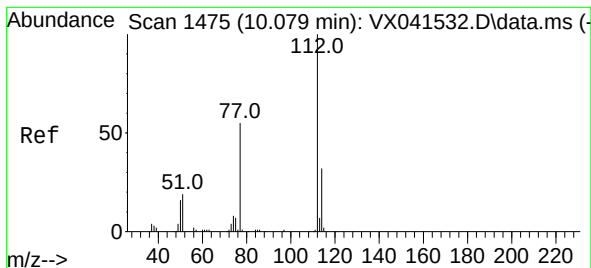
Tgt Ion: 98 Resp: 175535

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7





#64

Chlorobenzene

Concen: 2.012 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

Instrument :

MSVOA_X

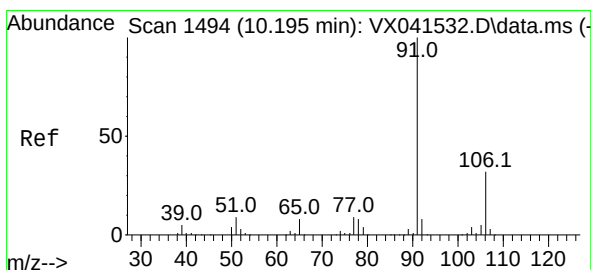
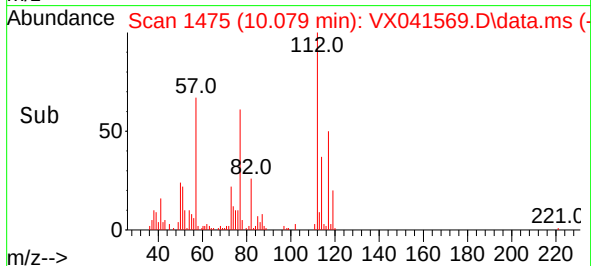
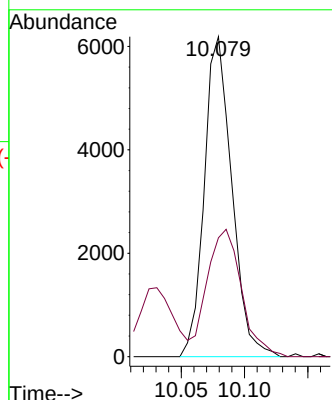
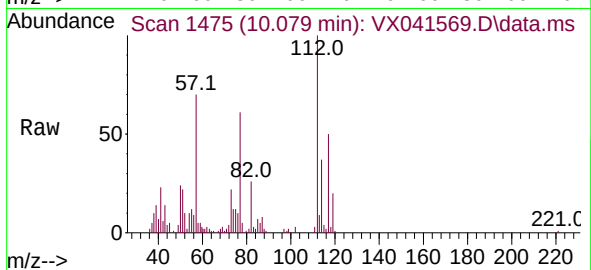
ClientSampleId :

Tgt Ion:112 Resp: 9375

Ion Ratio Lower Upper

112 100

114 36.1 26.0 39.0



#66

Ethyl Benzene

Concen: 10.625 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041569.D

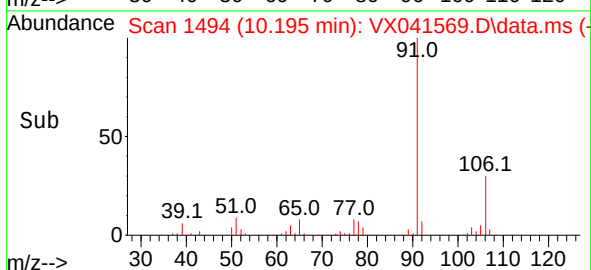
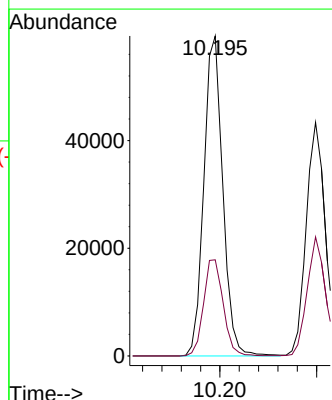
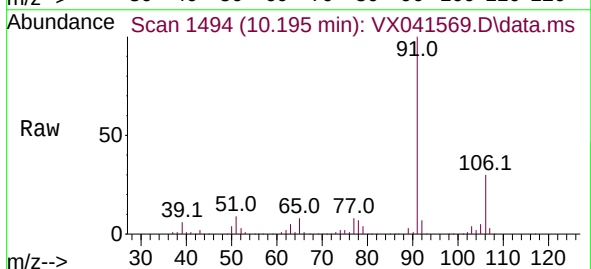
Acq: 16 May 2024 17:24

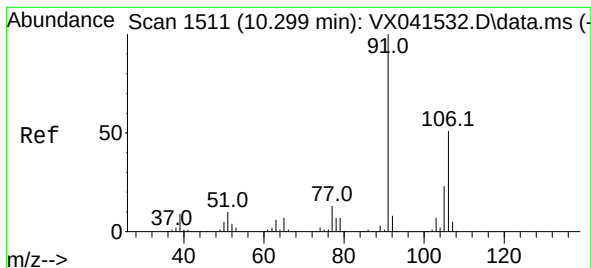
Tgt Ion: 91 Resp: 80923

Ion Ratio Lower Upper

91 100

106 30.1 25.9 38.9

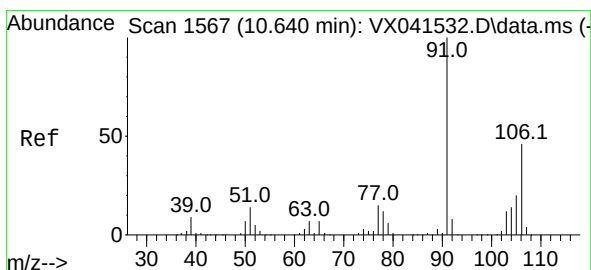
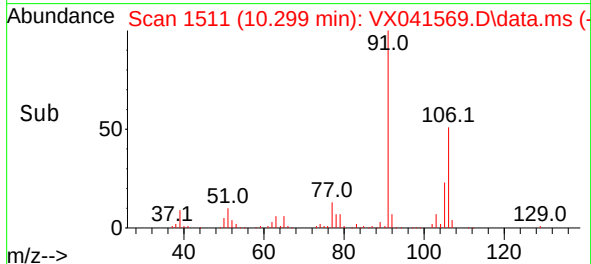
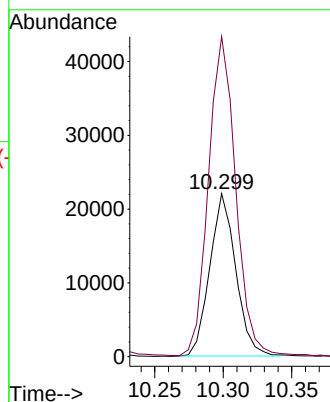
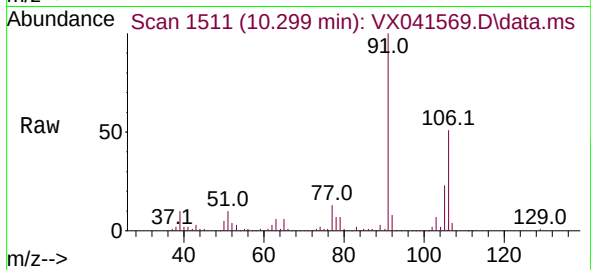




#67
m/p-Xylenes
Concen: 9.747 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041569.D
Acq: 16 May 2024 17:24

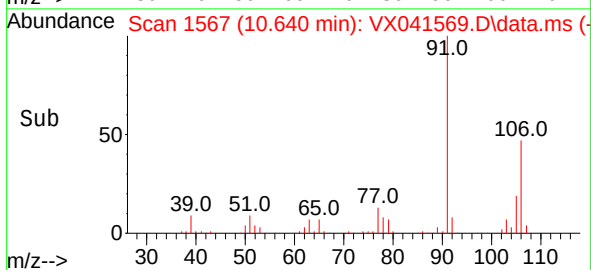
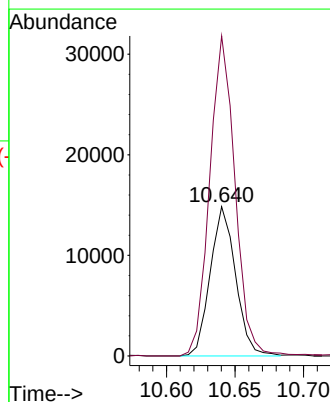
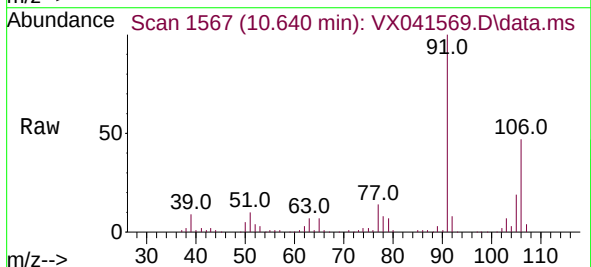
Instrument :
MSVOA_X
ClientSampleId :

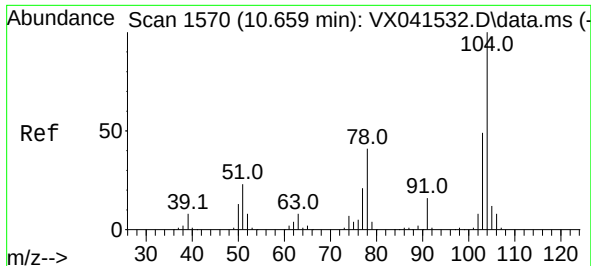
Tgt Ion:106 Resp: 29027
Ion Ratio Lower Upper
106 100
91 207.5 156.5 234.7



#68
o-Xylene
Concen: 6.393 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041569.D
Acq: 16 May 2024 17:24

Tgt Ion:106 Resp: 19166
Ion Ratio Lower Upper
106 100
91 213.4 105.2 315.6





#69

Styrene

Concen: 0.599 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

Instrument :

MSVOA_X

ClientSampleId :

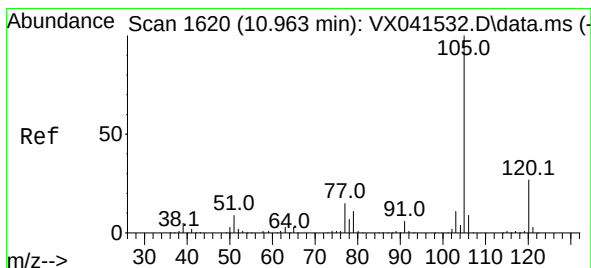
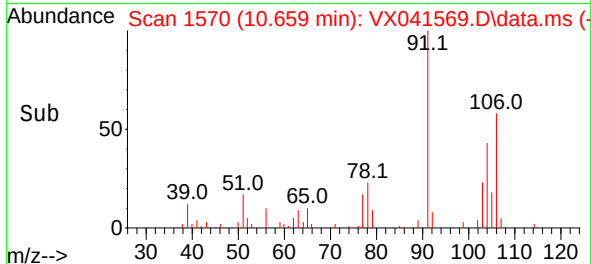
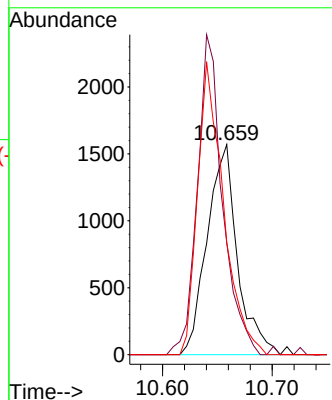
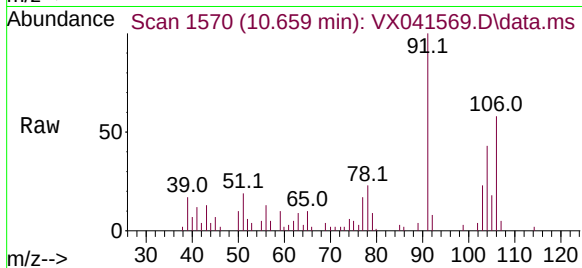
Tgt Ion:104 Resp: 3012

Ion Ratio Lower Upper

104 100

78 126.8 39.3 58.9#

103 119.7 43.2 64.8#



#70

Isopropylbenzene

Concen: 1.694 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041569.D

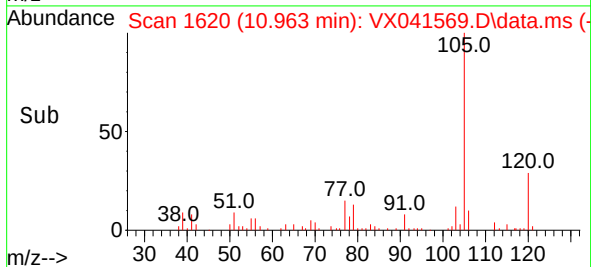
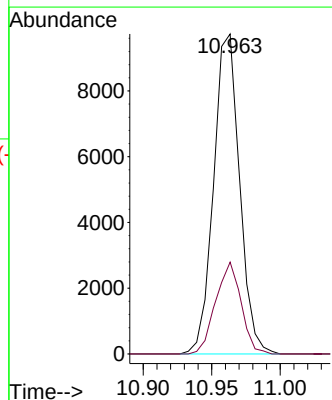
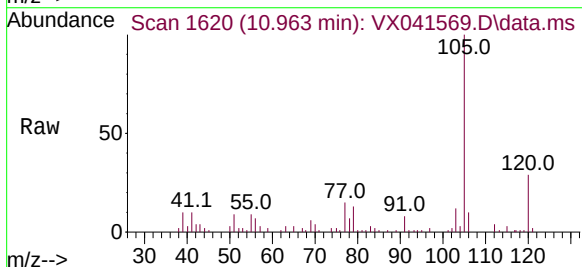
Acq: 16 May 2024 17:24

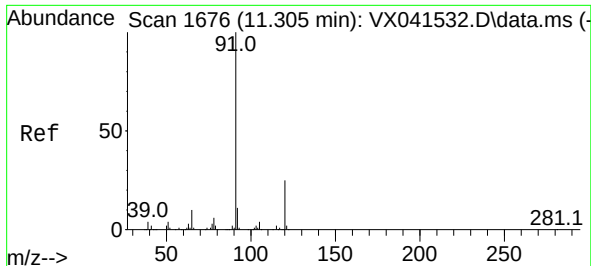
Tgt Ion:105 Resp: 12830

Ion Ratio Lower Upper

105 100

120 28.1 18.8 34.8

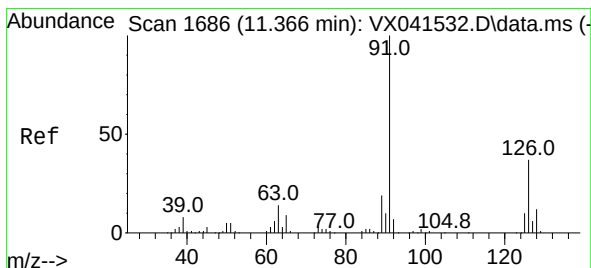
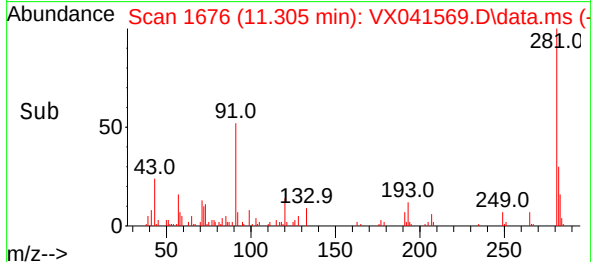
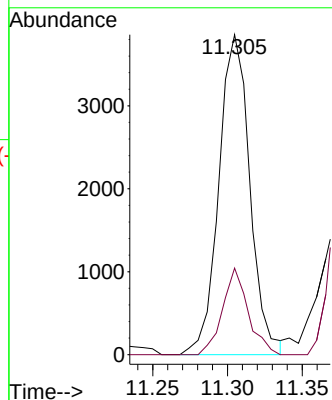
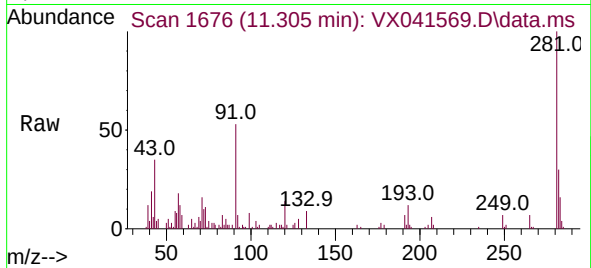




#74
n-propylbenzene
Concen: 0.652 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041569.D
Acq: 16 May 2024 17:24

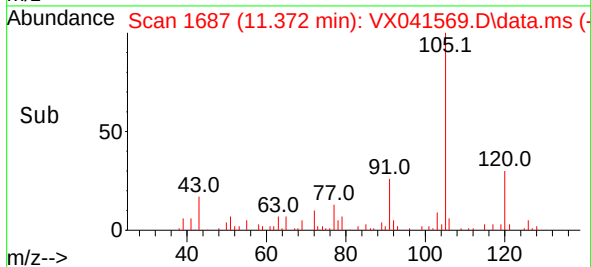
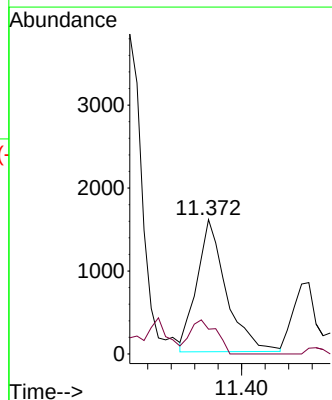
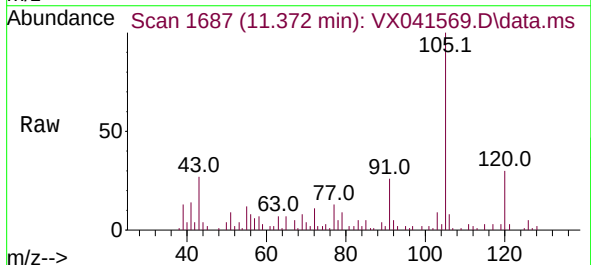
Instrument :
MSVOA_X
ClientSampleId :

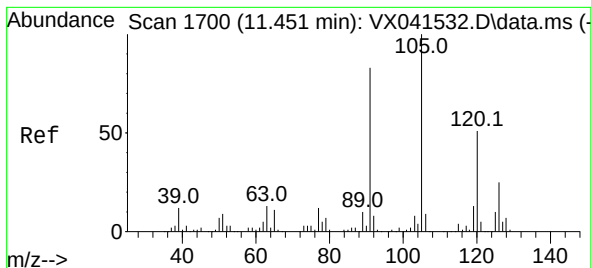
Tgt Ion: 91 Resp: 5568
Ion Ratio Lower Upper
91 100
120 22.3 0.0 48.4



#75
2-Chlorotoluene
Concen: 0.515 ug/l
RT: 11.372 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VX041569.D
Acq: 16 May 2024 17:24

Tgt Ion: 91 Resp: 2765
Ion Ratio Lower Upper
91 100
126 22.8 0.0 71.6





#76

1,3,5-Trimethylbenzene

Concen: 0.986 ug/l

RT: 11.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

Instrument :

MSVOA_X

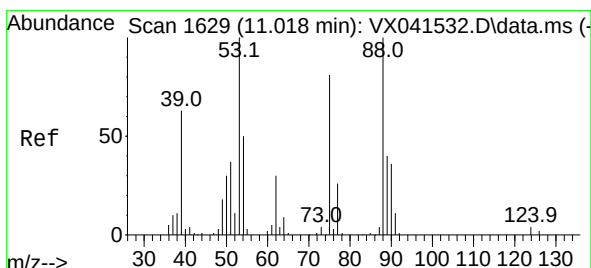
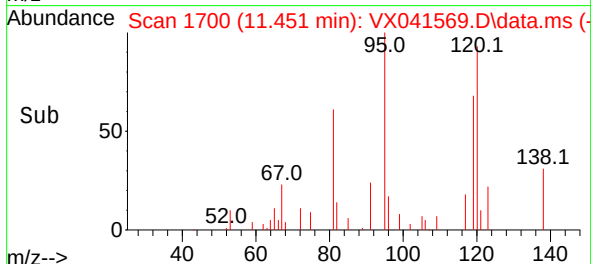
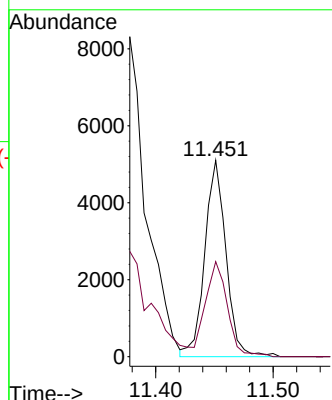
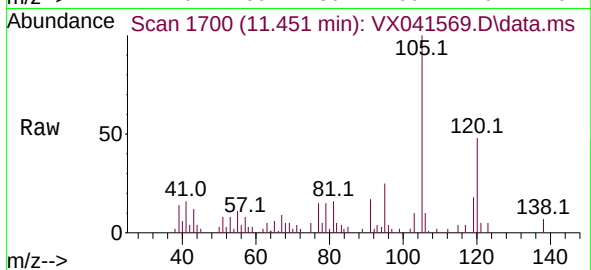
ClientSampleId :

Tgt Ion:105 Resp: 6372

Ion Ratio Lower Upper

105 100

120 49.7 0.0 102.6



#77

t-1,4-Dichloro-2-butene

Concen: 0.431 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.061 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

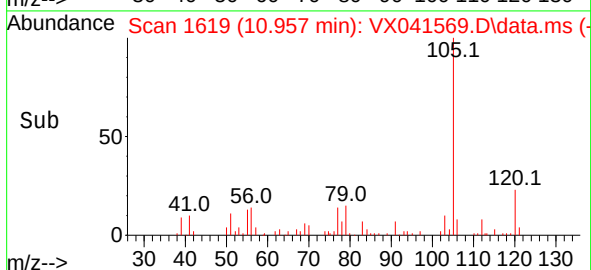
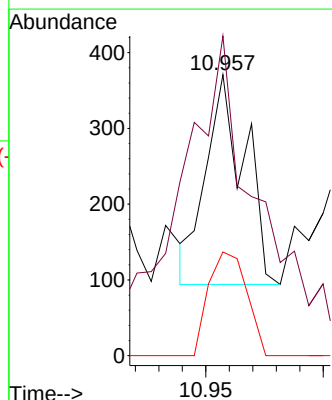
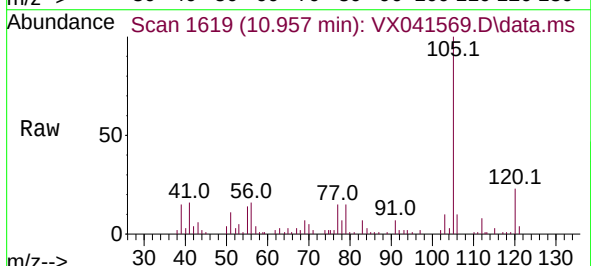
Tgt Ion: 75 Resp: 318

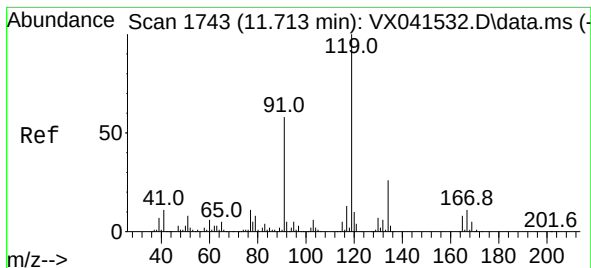
Ion Ratio Lower Upper

75 100

53 107.9 61.8 185.3

89 49.5 24.9 74.7





#79

tert-butylbenzene

Concen: 0.324 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.256 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

Instrument :

MSVOA_X

ClientSampleId :

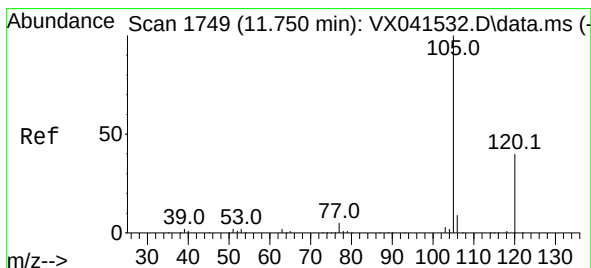
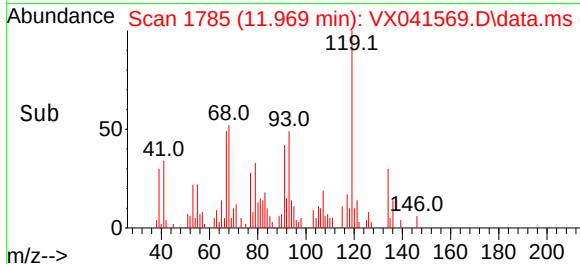
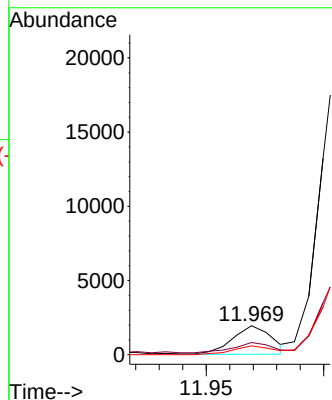
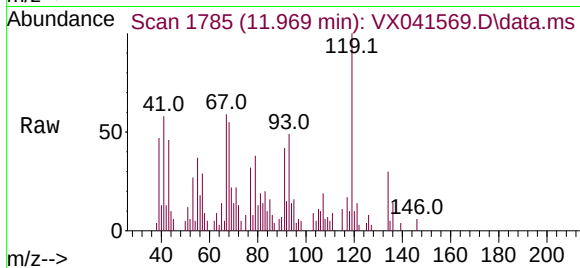
Tgt Ion:119 Resp: 2231

Ion Ratio Lower Upper

119 100

91 36.4 0.0 110.0

134 31.4 0.0 50.0



#80

1,2,4-Trimethylbenzene

Concen: 4.224 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041569.D

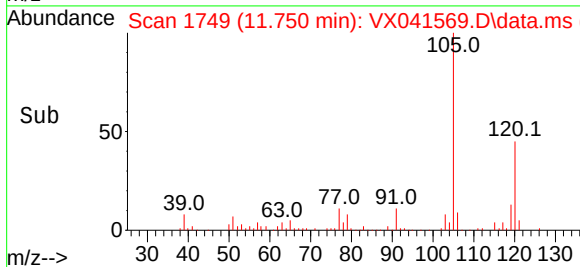
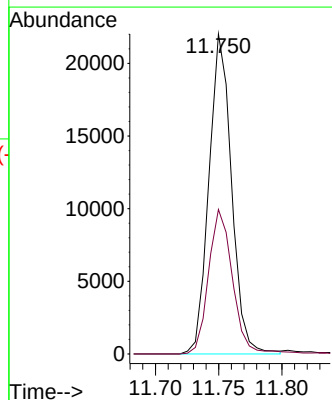
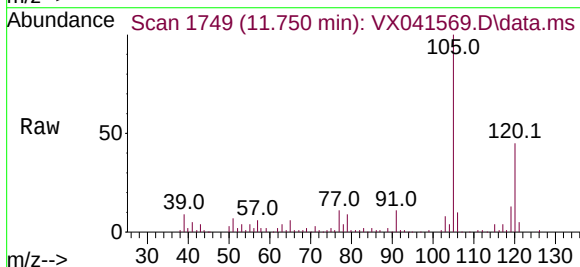
Acq: 16 May 2024 17:24

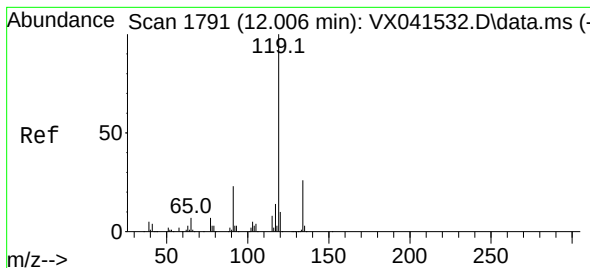
Tgt Ion:105 Resp: 27375

Ion Ratio Lower Upper

105 100

120 48.1 0.0 92.2





#82

p-Isopropyltoluene

Concen: 3.868 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

Instrument :

MSVOA_X

ClientSampleId :

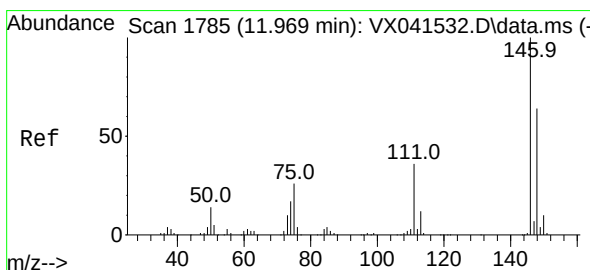
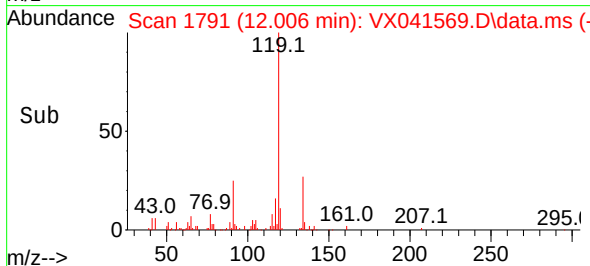
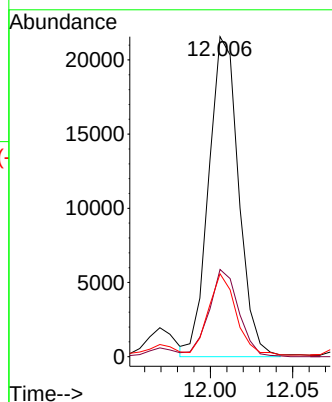
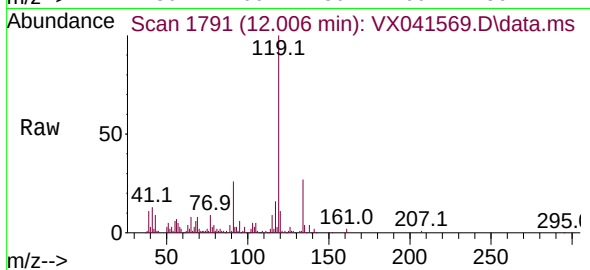
Tgt Ion:119 Resp: 27228

Ion Ratio Lower Upper

119 100

134 27.1 0.0 53.4

91 23.3 0.0 44.8



#83

1,3-Dichlorobenzene

Concen: 3.639 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.073 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

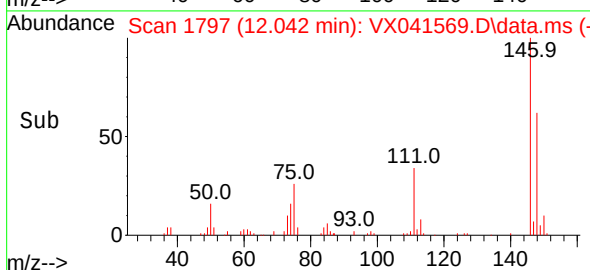
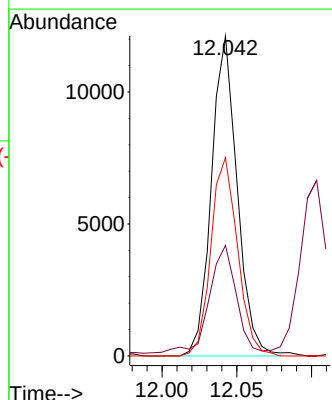
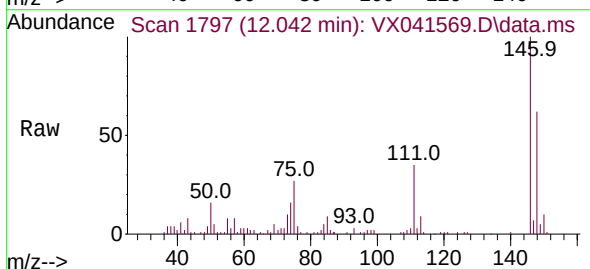
Tgt Ion:146 Resp: 14526

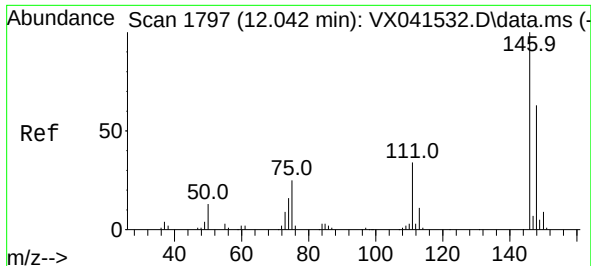
Ion Ratio Lower Upper

146 100

111 33.9 18.4 55.2

148 64.2 32.3 96.9





#84

1,4-Dichlorobenzene

Concen: 3.601 ug/l

RT: 12.042 min Scan# 1

Delta R.T. 0.000 min

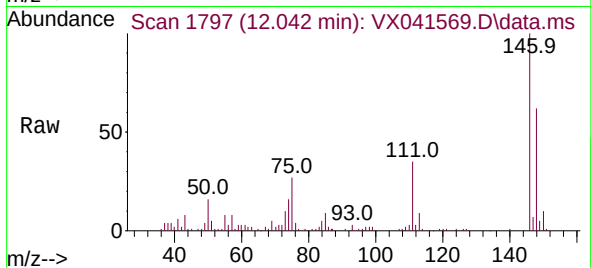
Lab File: VX041569.D

Acq: 16 May 2024 17:24

Instrument :

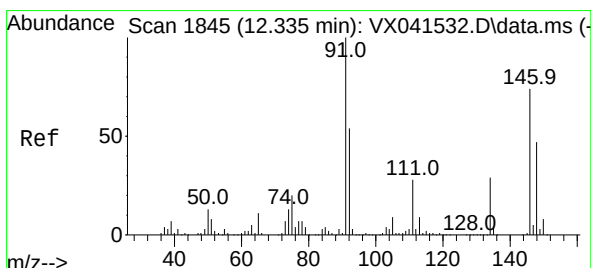
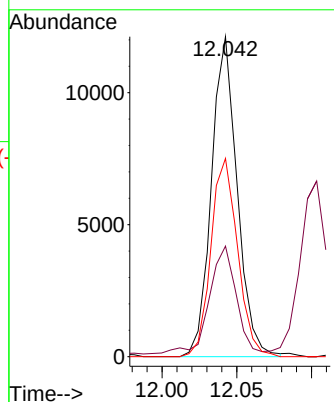
MSVOA_X

ClientSampleId :



Tgt Ion:146 Resp: 14526

Ion	Ratio	Lower	Upper
146	100		
111	34.3	17.8	53.5
148	64.2	31.9	95.5



#85

n-Butylbenzene

Concen: 0.681 ug/l

RT: 12.238 min Scan# 1829

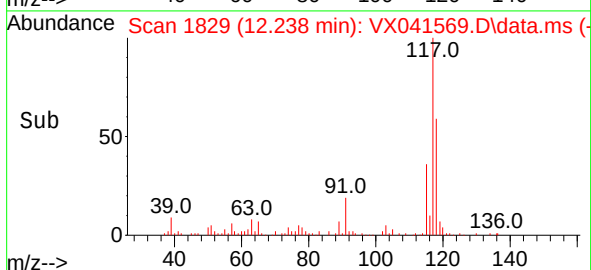
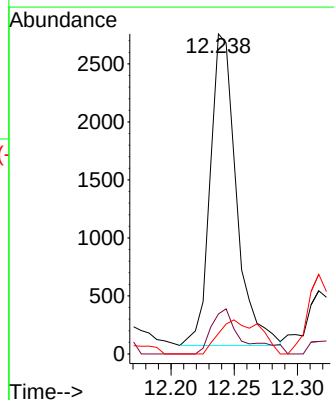
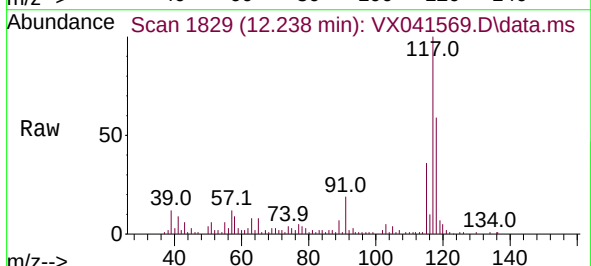
Delta R.T. -0.098 min

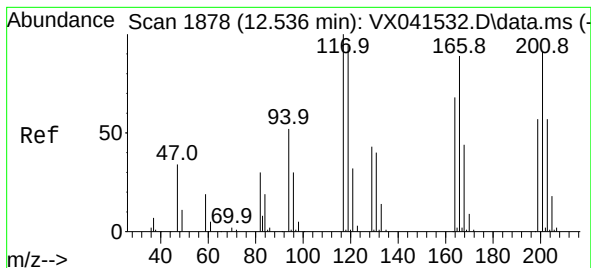
Lab File: VX041569.D

Acq: 16 May 2024 17:24

Tgt Ion: 91 Resp: 3860

Ion	Ratio	Lower	Upper
91	100		
92	13.5	0.0	108.4
134	12.2	0.0	56.6





#86

Hexachloroethane

Concen: 0.458 ug/l

RT: 12.530 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

Instrument :

MSVOA_X

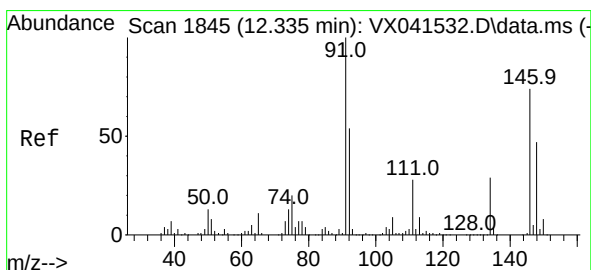
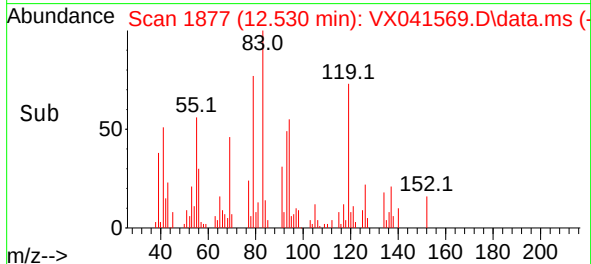
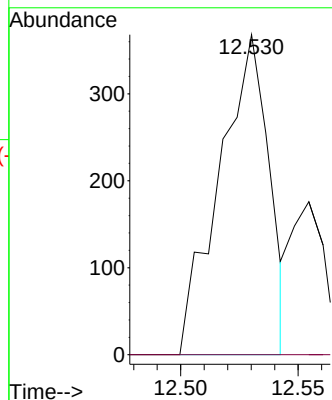
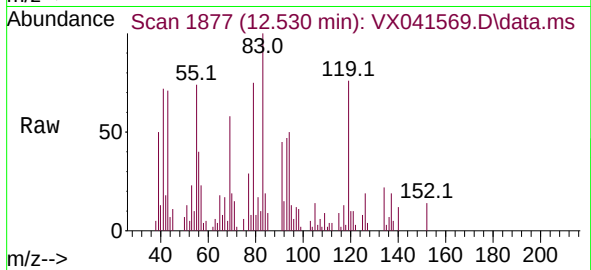
ClientSampleId :

Tgt Ion:117 Resp: 543

Ion Ratio Lower Upper

117 100

201 0.0 47.3 141.8#



#87

1,2-Dichlorobenzene

Concen: 3.565 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.293 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

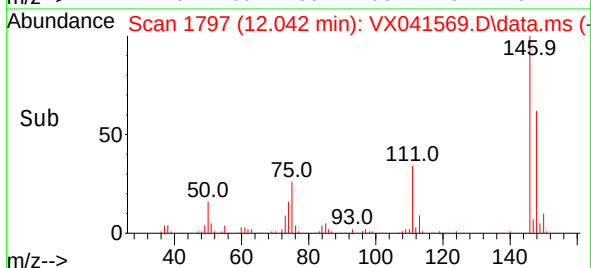
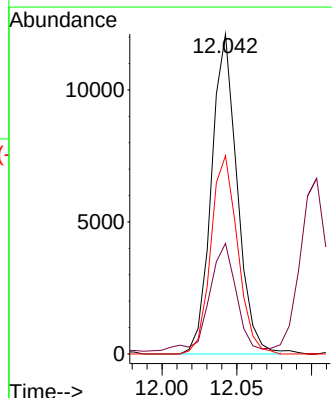
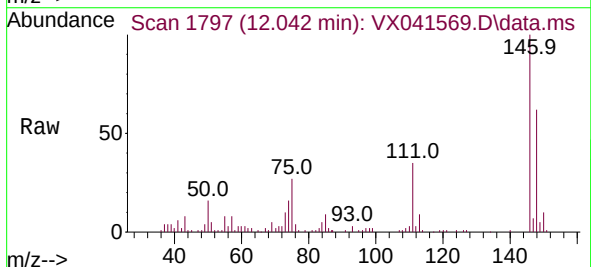
Tgt Ion:146 Resp: 14526

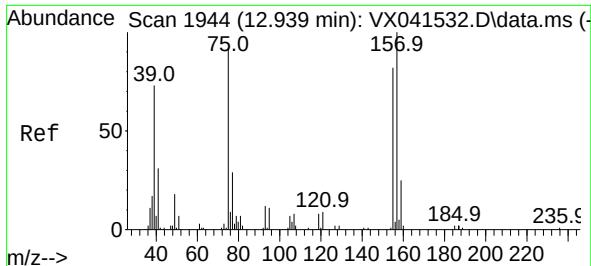
Ion Ratio Lower Upper

146 100

111 33.5 19.3 57.9

148 64.2 31.8 95.4





#88

1,2-Dibromo-3-Chloropropane

Concen: 0.899 ug/l

RT: 12.963 min Scan# 1948

Delta R.T. 0.024 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

Instrument :

MSVOA_X

ClientSampleId :

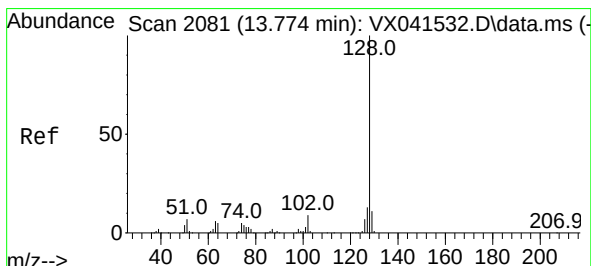
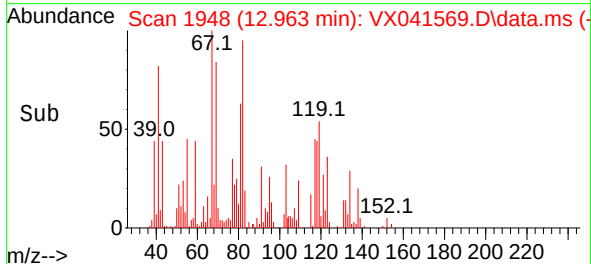
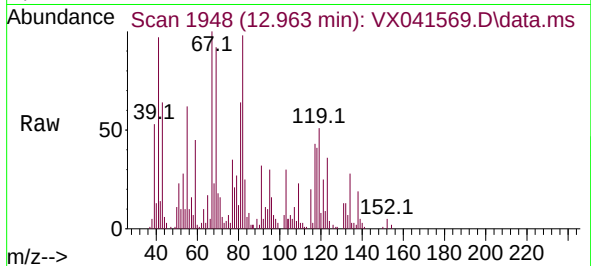
Tgt Ion: 75 Resp: 514

Ion Ratio Lower Upper

75 100

155 0.0 80.4 120.6#

157 0.0 102.2 153.2#



#91

Naphthalene

Concen: 44.205 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041569.D

Acq: 16 May 2024 17:24

Tgt Ion:128 Resp: 361700

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.2 8.8 13.2

