

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028749.D
 Acq On : 17 May 2022 11:18
 Operator : JC/MD
 Sample : VX0517MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517MBL01

Quant Time: May 17 16:24:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

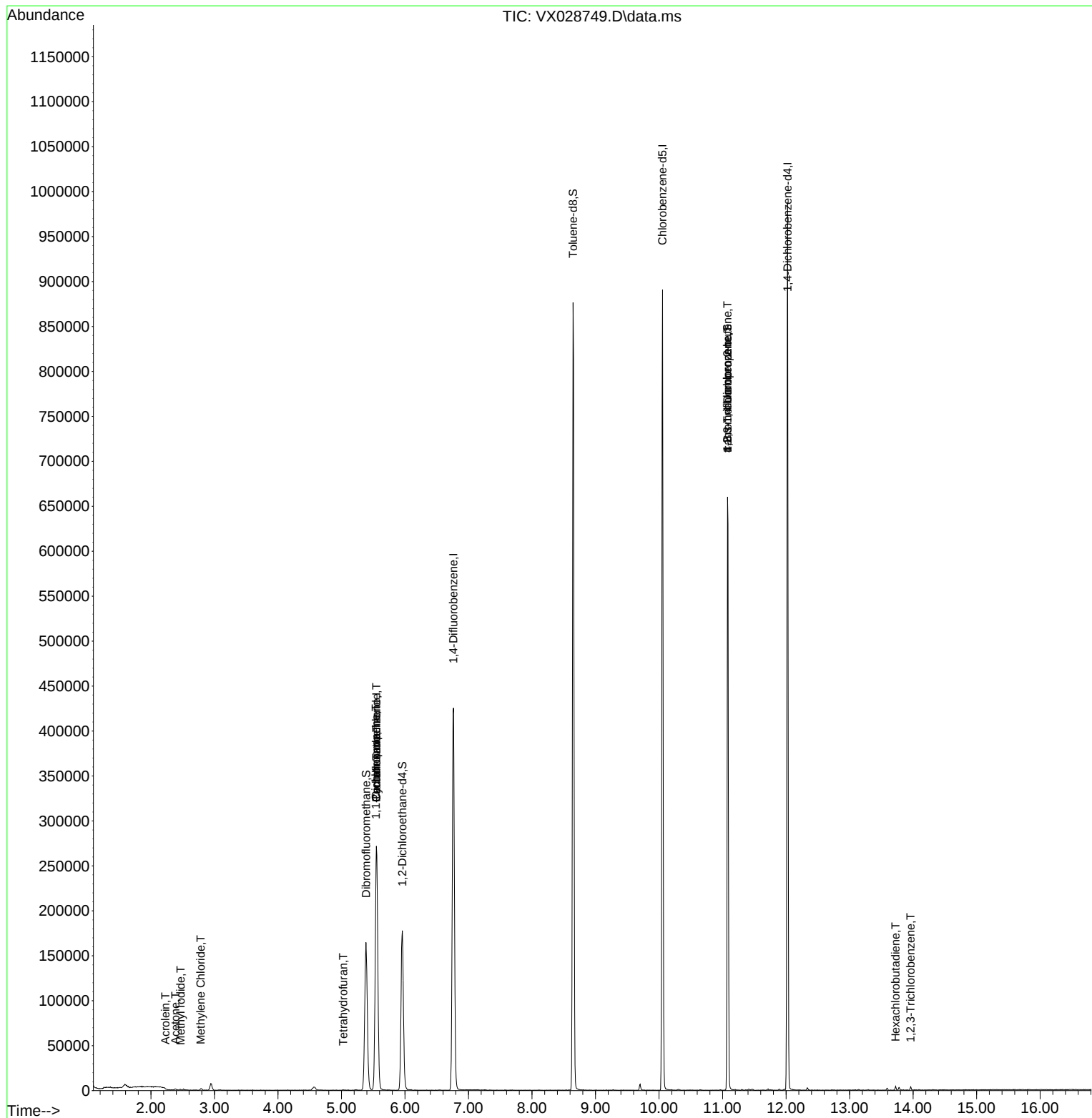
Internal Standards						
1) Pentafluorobenzene	5.550	168	251068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	436656	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	386462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	167598	48.698	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.400%		
35) Dibromofluoromethane	5.385	113	139250	48.673	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.340%		
50) Toluene-d8	8.647	98	514871	47.734	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.460%		
62) 4-Bromofluorobenzene	11.079	95	175252	43.501	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.000%		
Target Compounds						Qvalue
5) Bromomethane	1.618	94	720	Below Cal		86
6) Chloroethane	1.648	64	194	Below Cal	#	43
10) Methyl Iodide	2.465	142	704	0.210	ug/l	98
11) Tert butyl alcohol	2.940	59	4424	Below Cal	#	74
13) Acrolein	2.227	56	146	0.258	ug/l	# 20
16) Acetone	2.386	43	1302	0.881	ug/l	# 87
20) Methylene Chloride	2.782	84	841	0.271	ug/l	# 82
29) Tetrahydrofuran	5.025	42	313	0.208	ug/l	# 45
31) Cyclohexane	5.550	56	5874	1.230	ug/l	# 12
36) 1,1-Dichloropropene	5.544	75	20456	4.760	ug/l	# 46
38) Carbon Tetrachloride	5.550	117	26259	6.072	ug/l	# 16
76) 1,2,3-Trichloropropane	11.079	75	92729	20.609	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	92729	60.593	ug/l	# 15
94) Hexachlorobutadiene	13.725	225	578	0.371	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	932	0.242	ug/l	93

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

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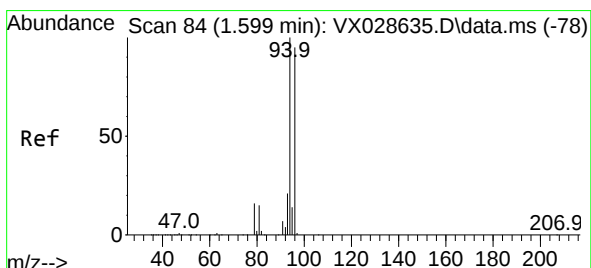
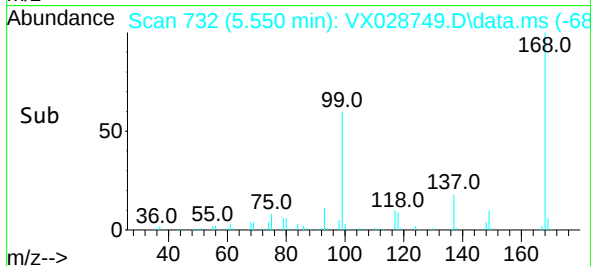
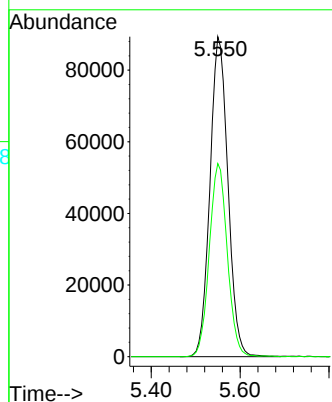
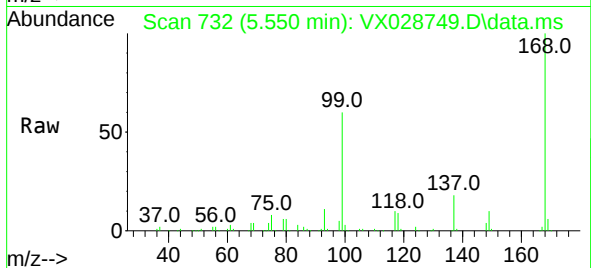




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX028749.D
Acq: 17 May 2022 11:18

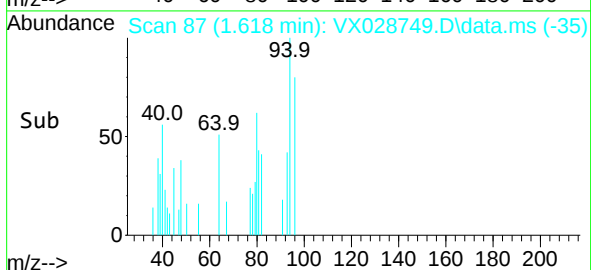
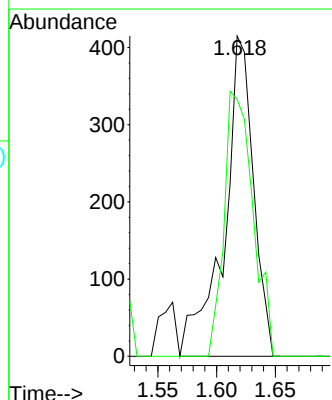
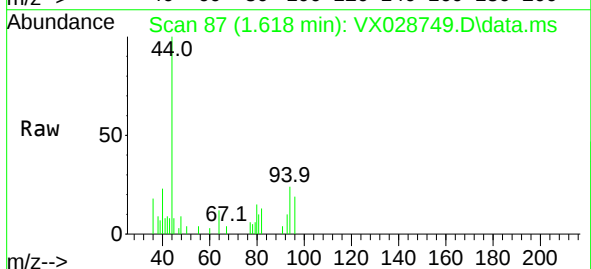
Instrument :
MSVOA_X
ClientSampleId :
VX0517MBL01

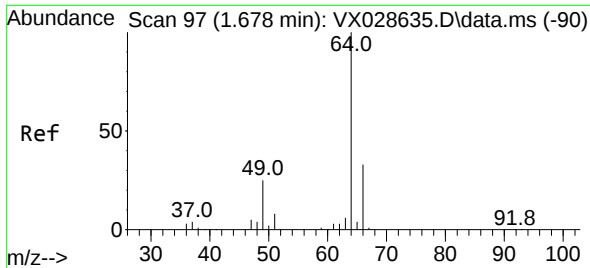
Tgt Ion:168 Resp: 251068
Ion Ratio Lower Upper
168 100
99 60.4 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028749.D
Acq: 17 May 2022 11:18

Tgt Ion: 94 Resp: 720
Ion Ratio Lower Upper
94 100
96 80.2 75.3 112.9

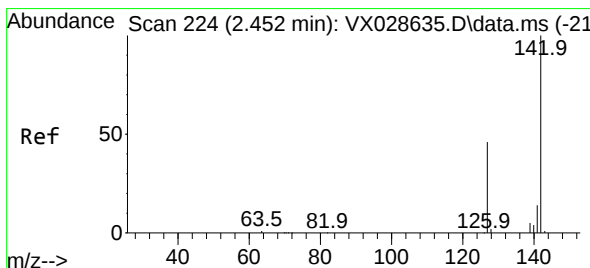
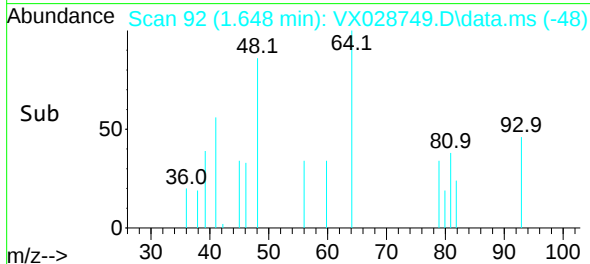
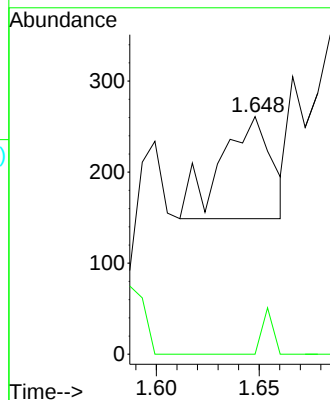
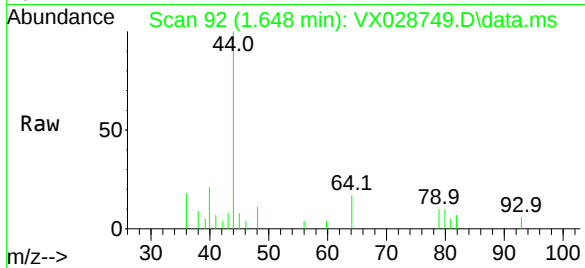




#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 91
Delta R.T. -0.030 min
Lab File: VX028749.D
Acq: 17 May 2022 11:18

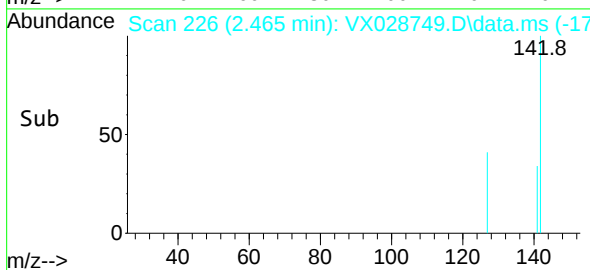
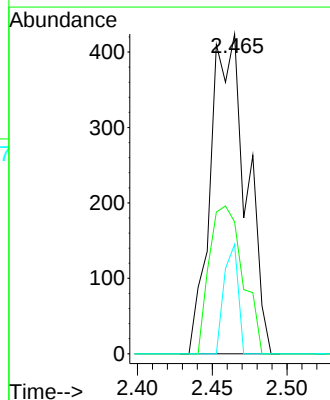
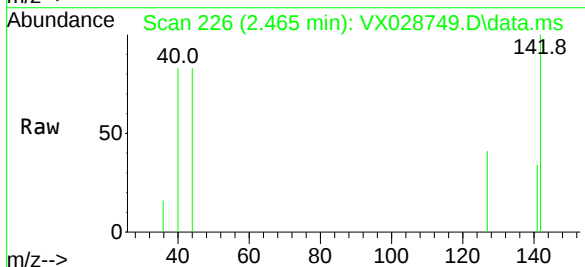
Instrument :
MSVOA_X
ClientSampleId :
VX0517MBL01

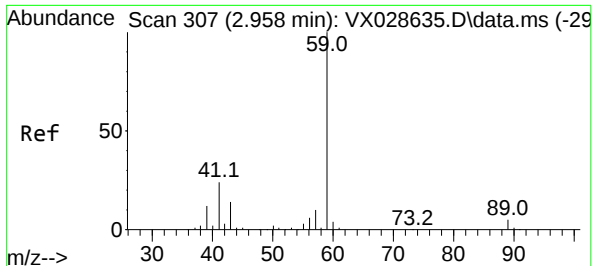
Tgt Ion: 64 Resp: 194
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.210 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.013 min
Lab File: VX028749.D
Acq: 17 May 2022 11:18

Tgt Ion:142 Resp: 704
Ion Ratio Lower Upper
142 100
127 43.3 33.9 50.9
141 13.4 11.4 17.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX028749.D

Acq: 17 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

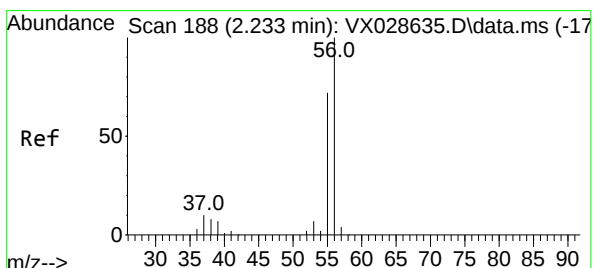
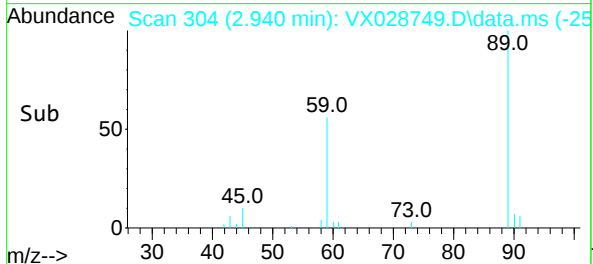
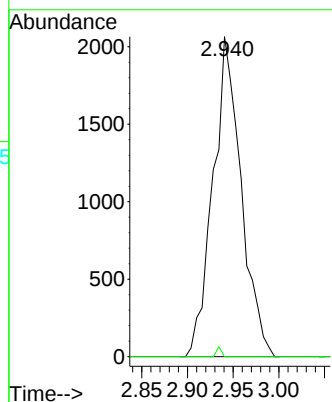
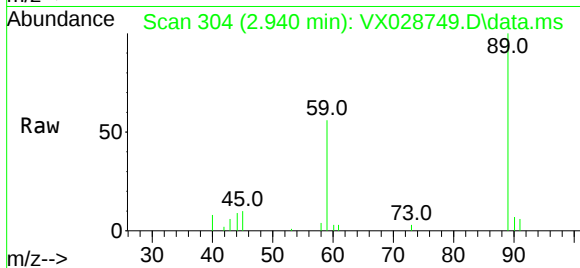
VX0517MBL01

Tgt Ion: 59 Resp: 4424

Ion Ratio Lower Upper

59 100

57 0.5 8.3 12.5#



#13

Acrolein

Concen: 0.258 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.006 min

Lab File: VX028749.D

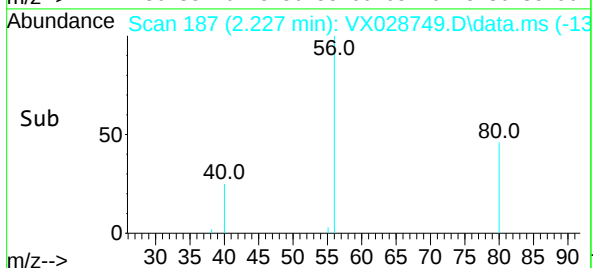
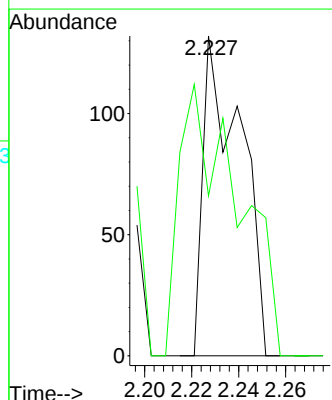
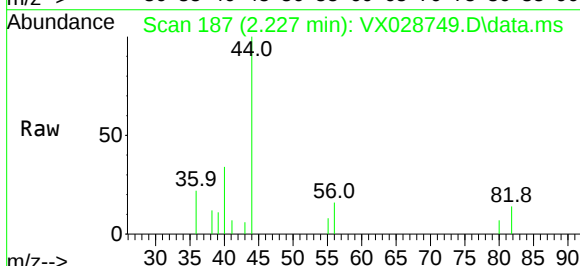
Acq: 17 May 2022 11:18

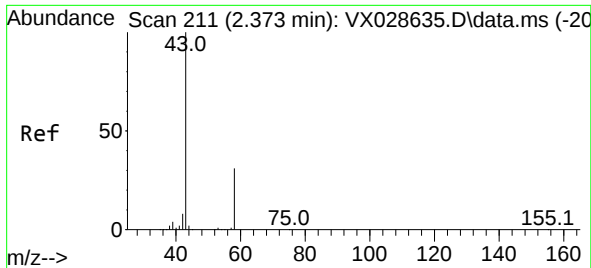
Tgt Ion: 56 Resp: 146

Ion Ratio Lower Upper

56 100

55 133.6 55.0 82.6#





#16

Acetone

Concen: 0.881 ug/l

RT: 2.386 min Scan# 21

Delta R.T. 0.013 min

Lab File: VX028749.D

Acq: 17 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

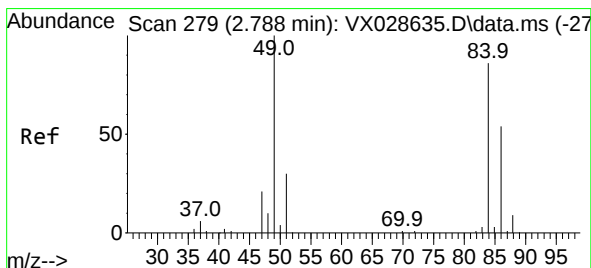
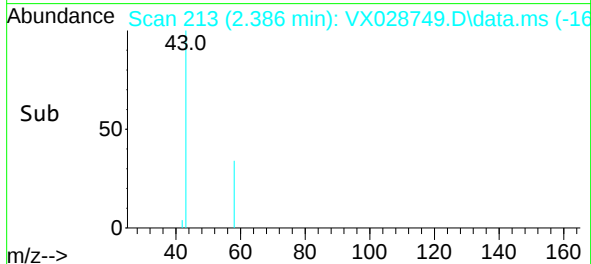
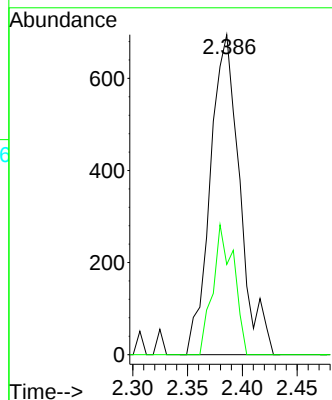
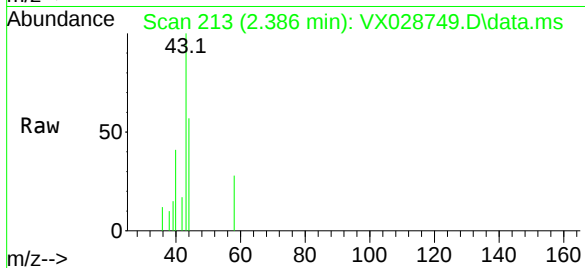
VX0517MBL01

Tgt Ion: 43 Resp: 1302

Ion Ratio Lower Upper

43 100

58 28.2 28.8 43.2#



#20

Methylene Chloride

Concen: 0.271 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX028749.D

Acq: 17 May 2022 11:18

Tgt Ion: 84 Resp: 841

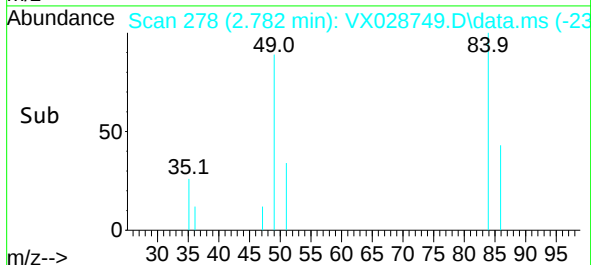
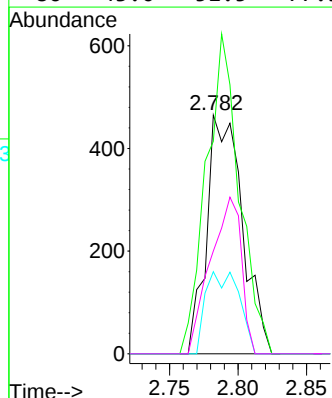
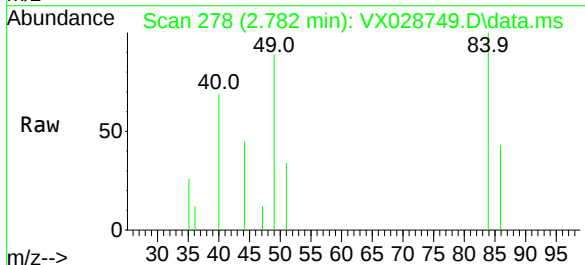
Ion Ratio Lower Upper

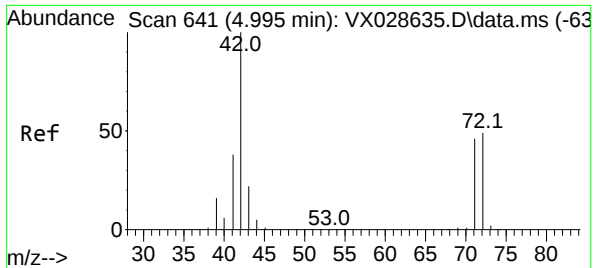
84 100

49 89.0 85.5 128.3

51 34.4 26.6 39.8

86 43.0 51.5 77.3#





#29

Tetrahydrofuran

Concen: 0.208 ug/l

RT: 5.025 min Scan# 641

Delta R.T. 0.030 min

Lab File: VX028749.D

Acq: 17 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

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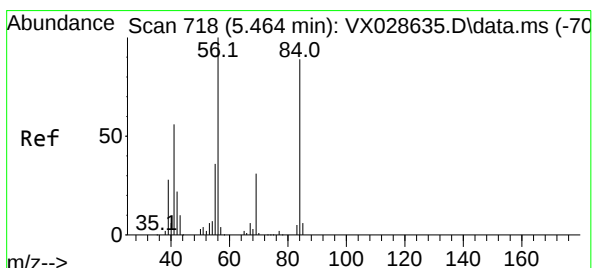
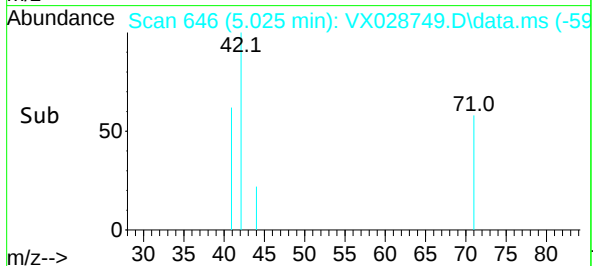
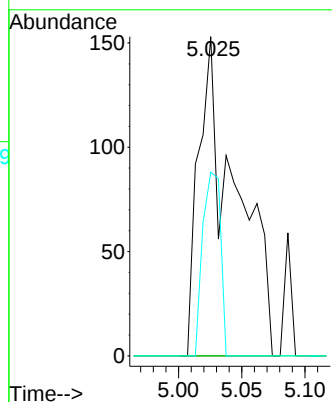
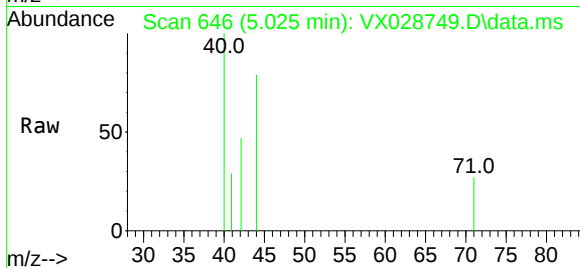
Tgt Ion: 42 Resp: 313

Ion Ratio Lower Upper

42 100

72 0.0 44.1 66.1#

71 27.8 40.5 60.7#



#31

Cyclohexane

Concen: 1.230 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.086 min

Lab File: VX028749.D

Acq: 17 May 2022 11:18

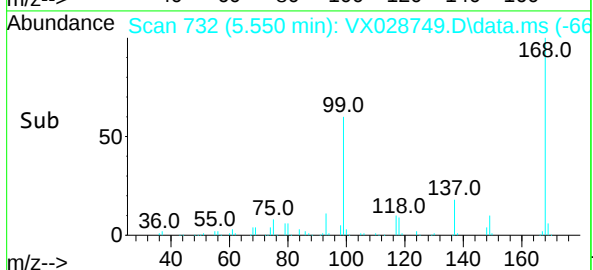
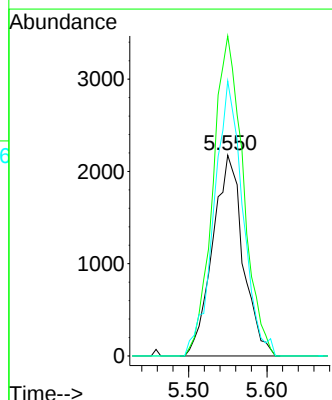
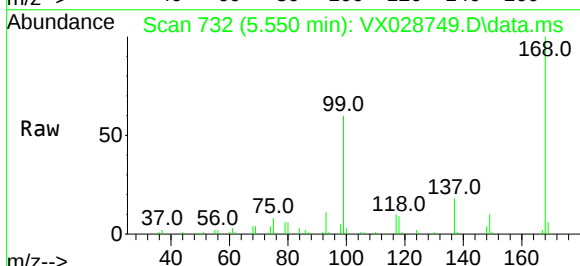
Tgt Ion: 56 Resp: 5874

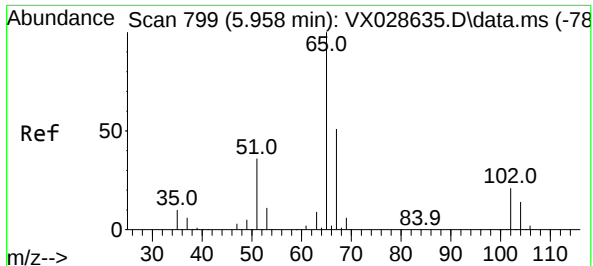
Ion Ratio Lower Upper

56 100

69 159.3 26.7 40.1#

84 136.9 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 48.698 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028749.D

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ClientSampleId :

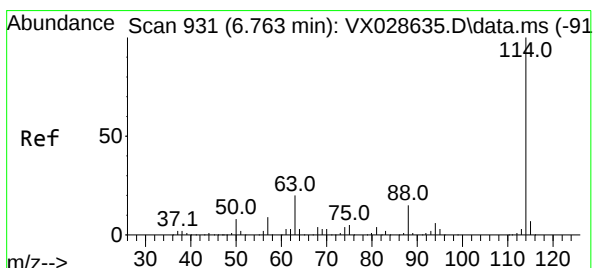
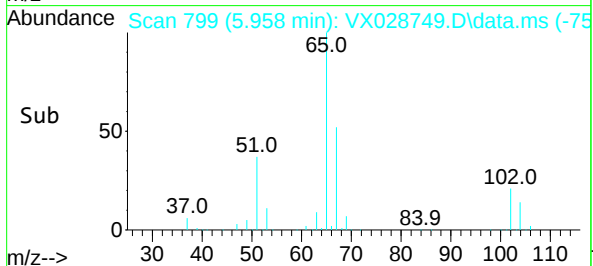
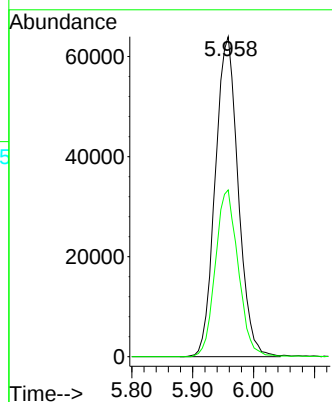
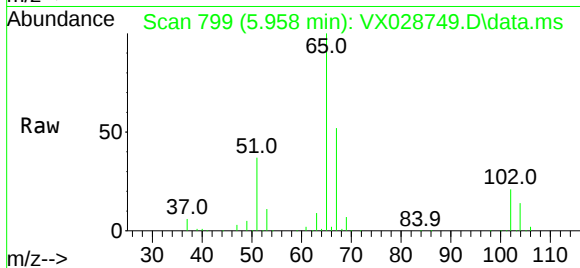
VX0517MBL01

Tgt Ion: 65 Resp: 167598

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028749.D

Acq: 17 May 2022 11:18

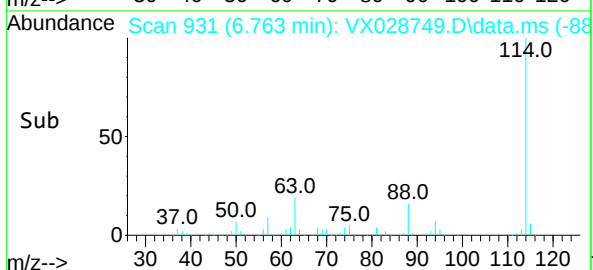
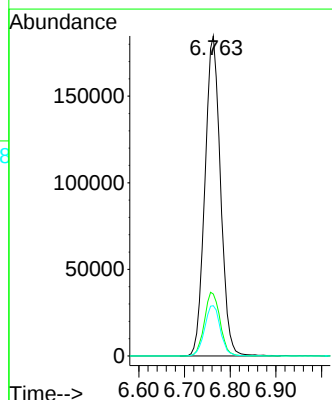
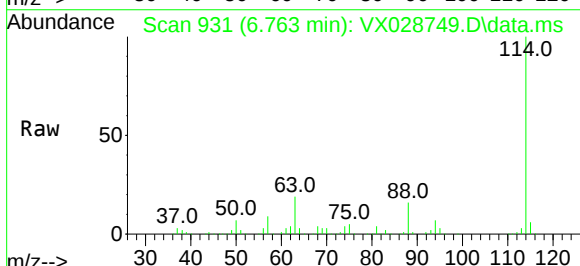
Tgt Ion: 114 Resp: 436656

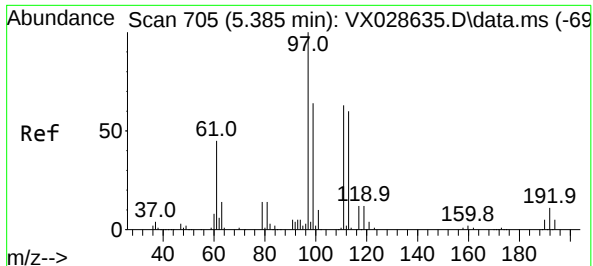
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 48.673 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX028749.D

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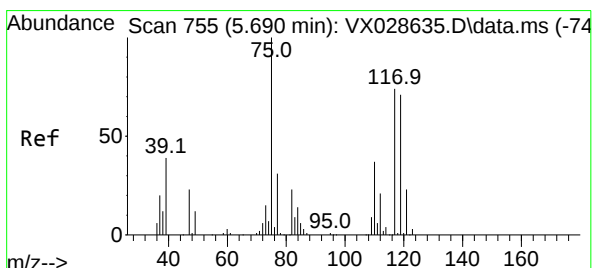
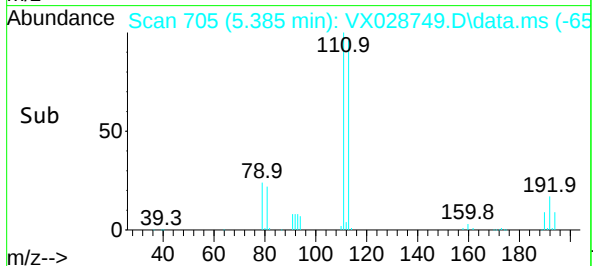
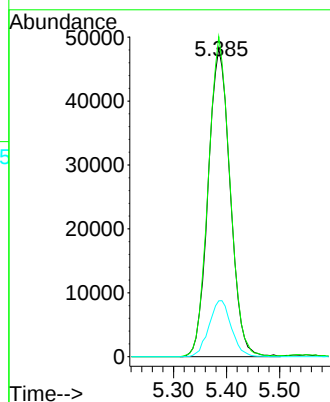
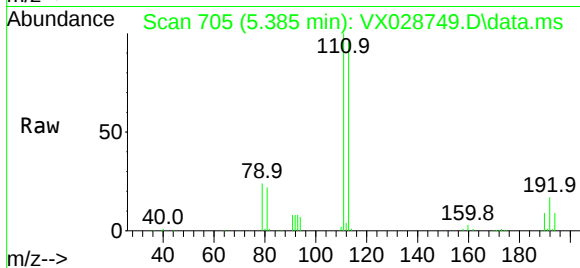
Tgt Ion:113 Resp: 139250

Ion Ratio Lower Upper

113 100

111 101.8 82.8 124.2

192 18.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.760 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX028749.D

Acq: 17 May 2022 11:18

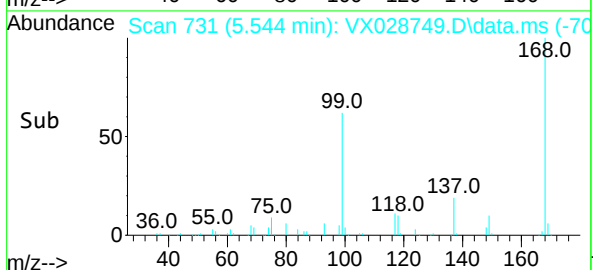
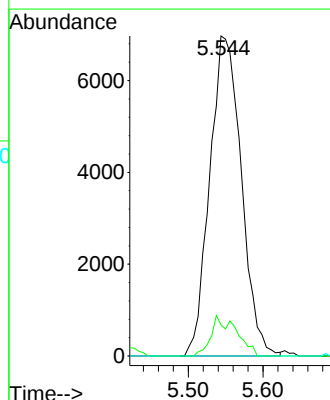
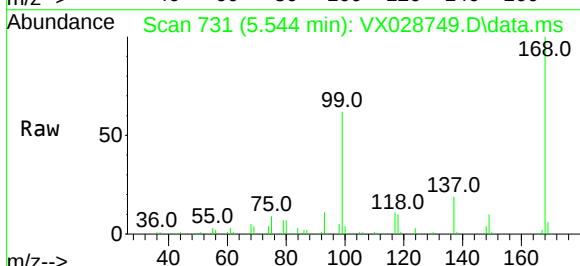
Tgt Ion: 75 Resp: 20456

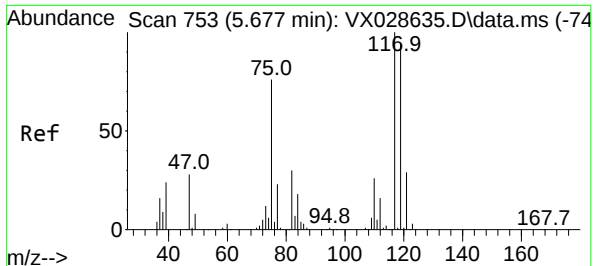
Ion Ratio Lower Upper

75 100

110 5.5 18.3 54.8#

77 0.0 24.8 37.2#

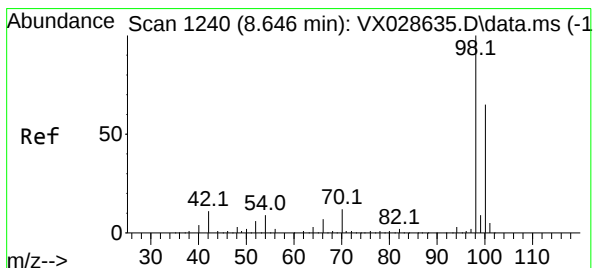
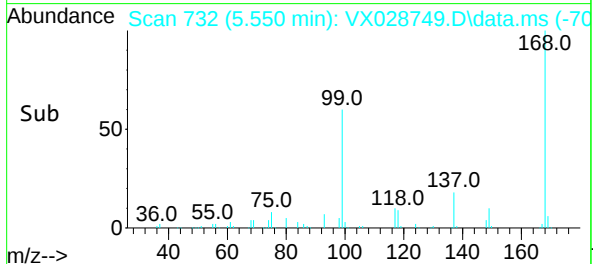
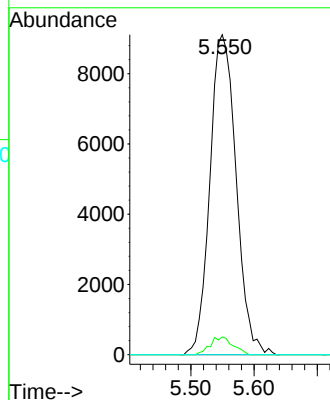
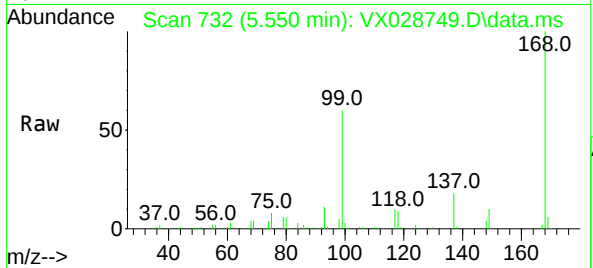




#38
Carbon Tetrachloride
Concen: 6.072 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX028749.D
Acq: 17 May 2022 11:18

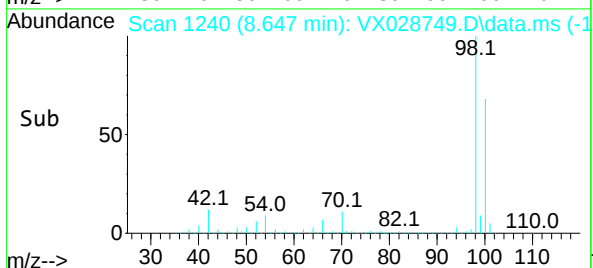
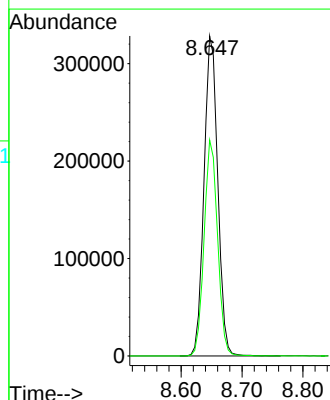
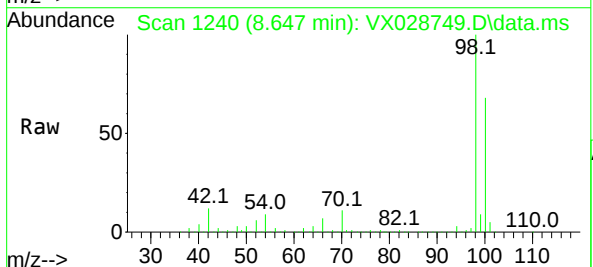
Instrument :
MSVOA_X
ClientSampleId :
VX0517MBL01

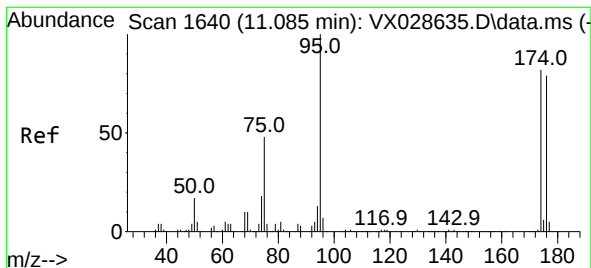
Tgt Ion:117 Resp: 26259
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.734 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX028749.D
Acq: 17 May 2022 11:18

Tgt Ion: 98 Resp: 514871
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

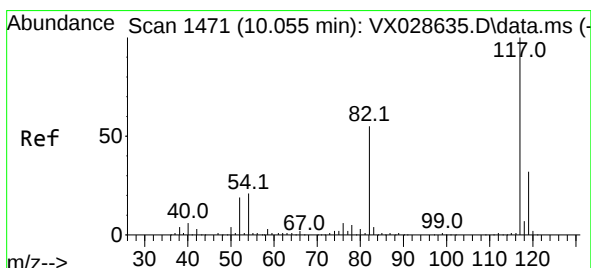
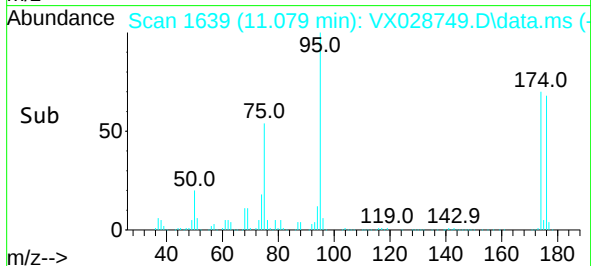
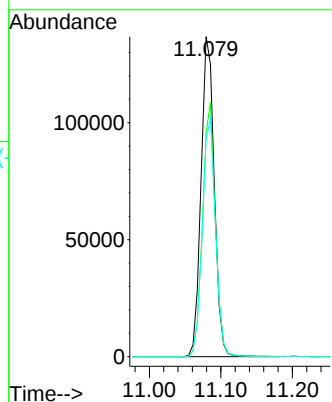
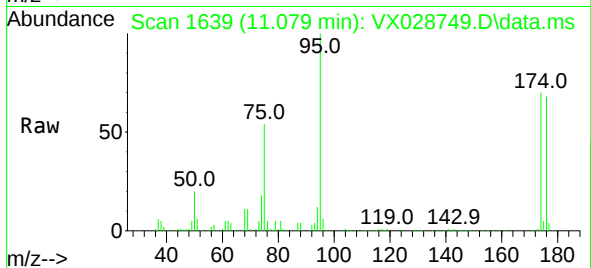




#62
4-Bromofluorobenzene
Concen: 43.501 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028749.D
Acq: 17 May 2022 11:18

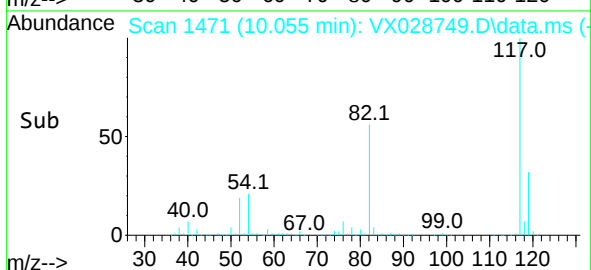
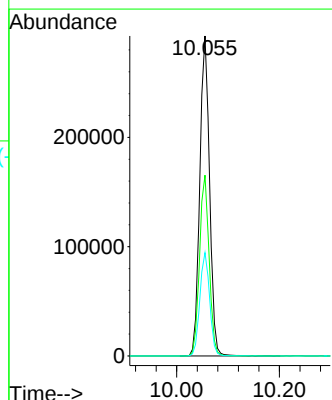
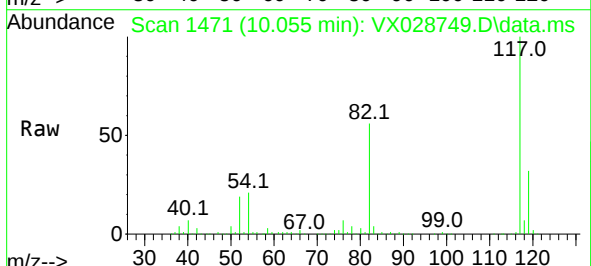
Instrument :
MSVOA_X
ClientSampleId :
VX0517MBL01

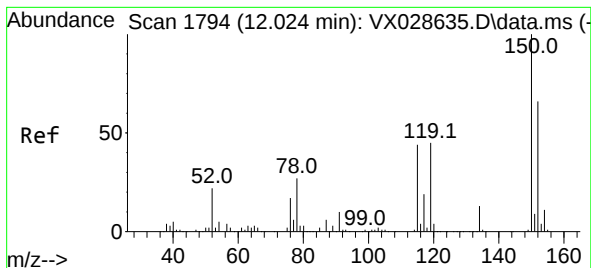
Tgt Ion: 95 Resp: 175252
Ion Ratio Lower Upper
95 100
174 77.0 0.0 163.0
176 74.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028749.D
Acq: 17 May 2022 11:18

Tgt Ion: 117 Resp: 386462
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 32.3 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028749.D

Acq: 17 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0517MBL01

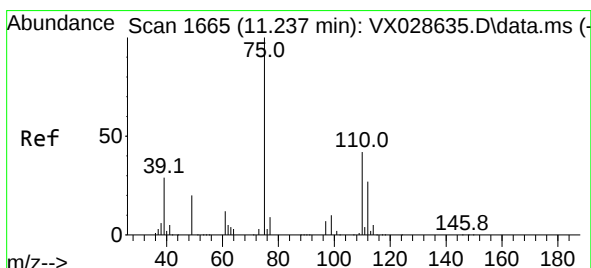
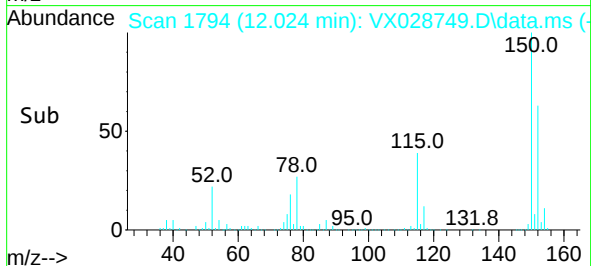
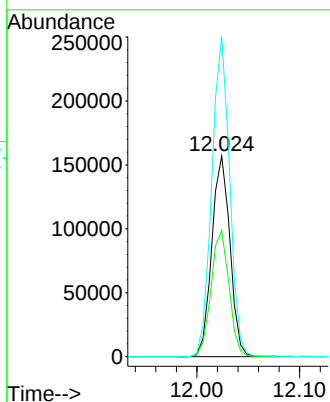
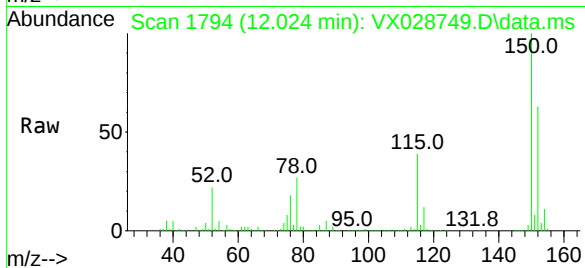
Tgt Ion:152 Resp: 192126

Ion Ratio Lower Upper

152 100

115 62.7 37.5 112.7

150 156.9 0.0 338.2



#76

1,2,3-Trichloropropane

Concen: 20.609 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX028749.D

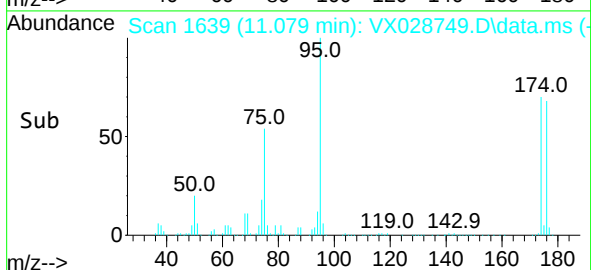
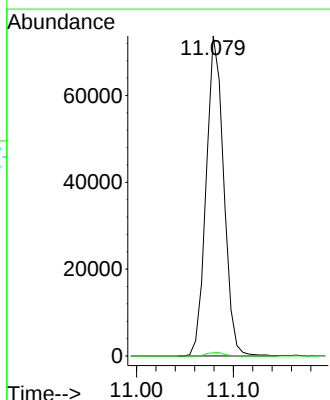
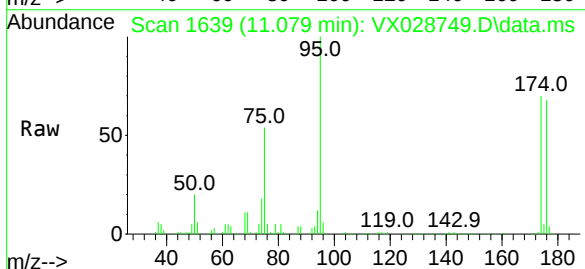
Acq: 17 May 2022 11:18

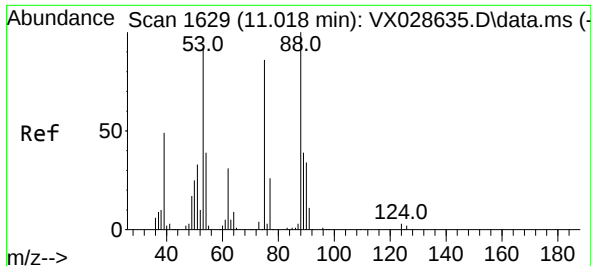
Tgt Ion: 75 Resp: 92729

Ion Ratio Lower Upper

75 100

77 1.1 19.4 58.2#

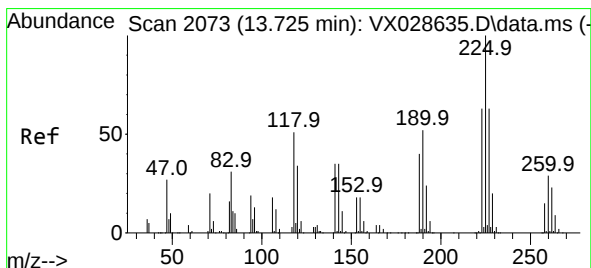
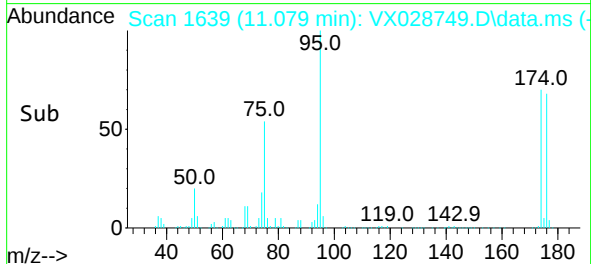
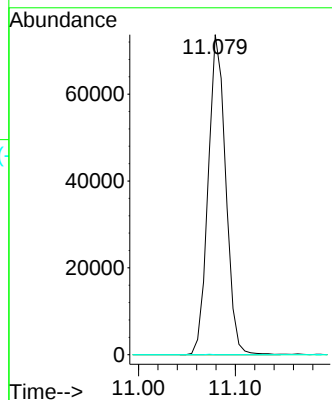
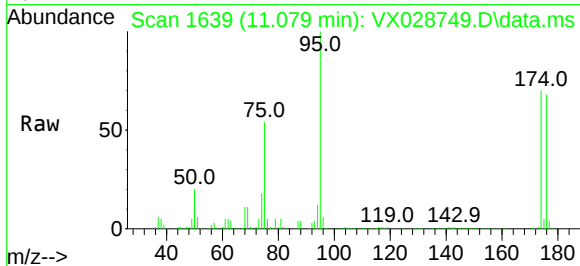




#81
trans-1,4-Dichloro-2-butene
Concen: 60.593 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX028749.D
Acq: 17 May 2022 11:18

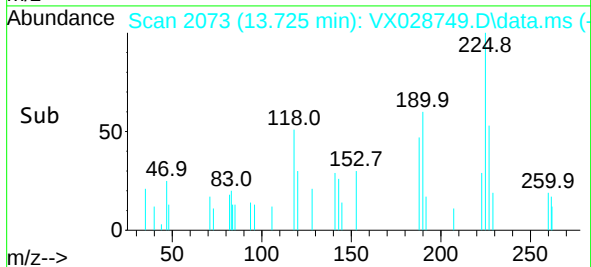
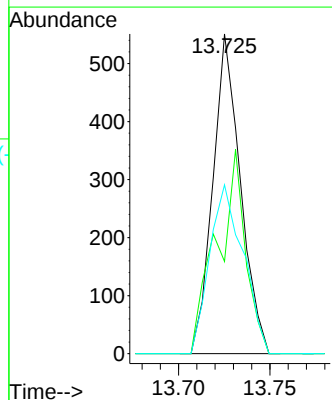
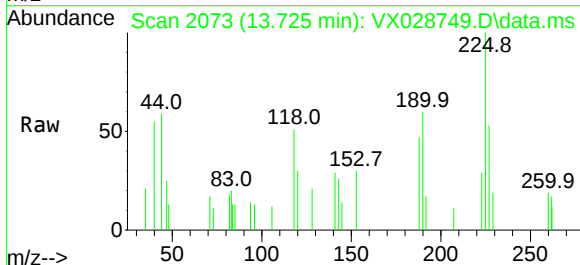
Instrument :
MSVOA_X
ClientSampleId :
VX0517MBL01

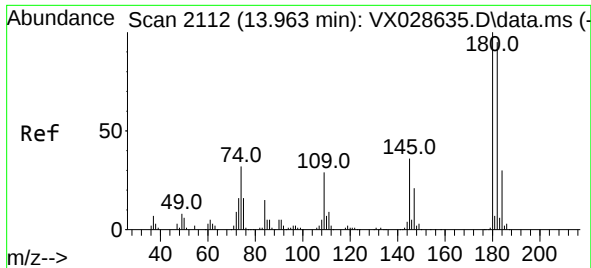
Tgt Ion: 75 Resp: 92729
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 0.371 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028749.D
Acq: 17 May 2022 11:18

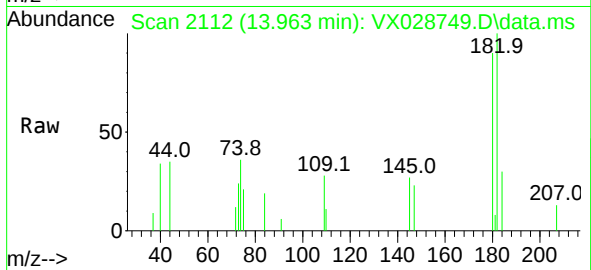
Tgt Ion: 225 Resp: 578
Ion Ratio Lower Upper
225 100
223 66.3 34.2 102.5
227 64.4 33.9 101.7





#96
 1,2,3-Trichlorobenzene
 Concen: 0.242 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX028749.D
 Acq: 17 May 2022 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517MBL01



Tgt Ion:	180	Resp:	932
Ion	Ratio	Lower	Upper
180	100		
182	106.1	50.0	149.8
145	27.1	16.2	48.5

