

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042222\
 Data File : VX028274.D
 Acq On : 22 Apr 2022 13:12
 Operator : JC/MD
 Sample : VX0422WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 22 15:54:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

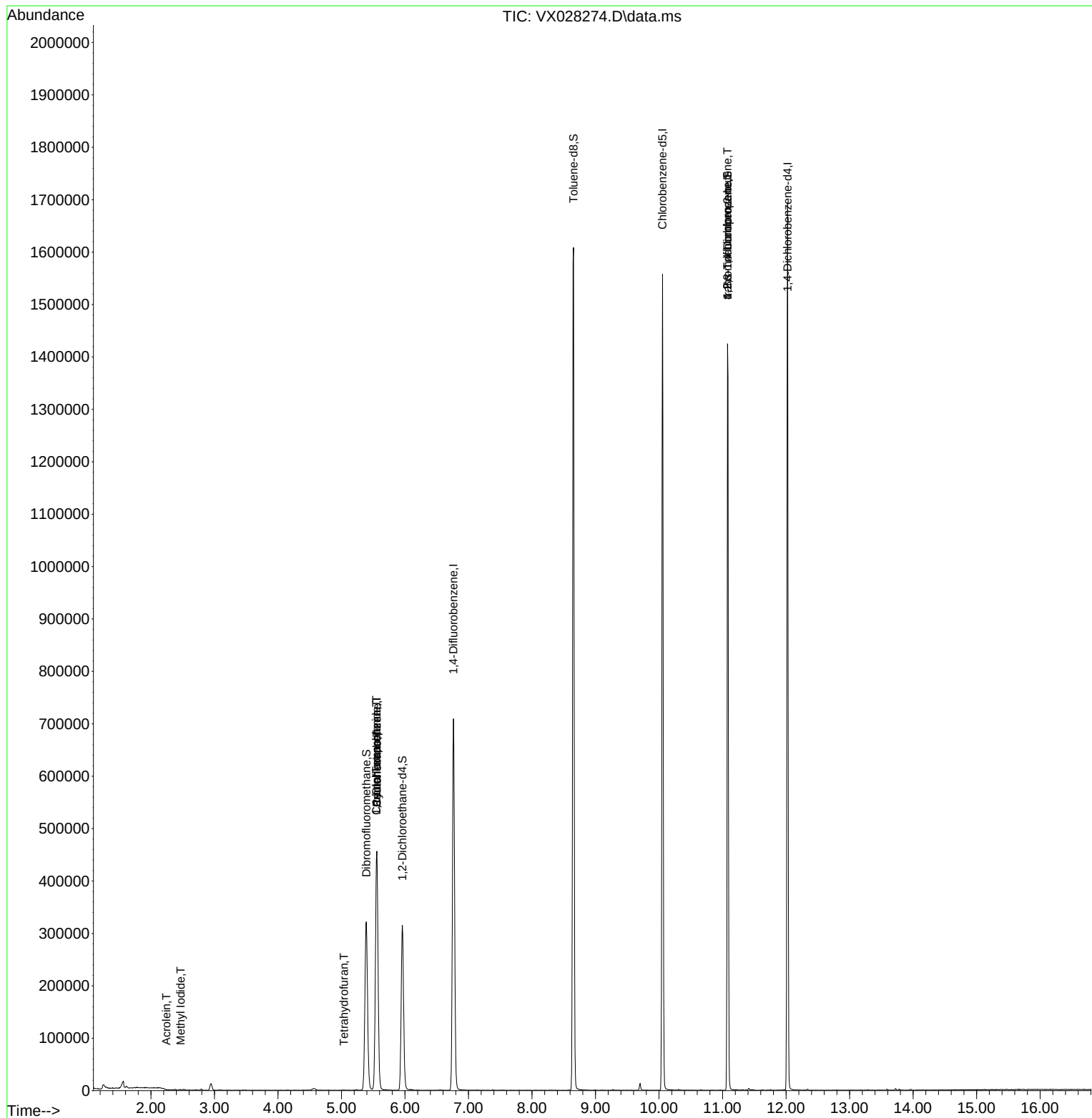
Internal Standards						
1) Pentafluorobenzene	5.556	168	461004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	770344	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	737367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	358400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	297257	49.453	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.900%
35) Dibromofluoromethane	5.391	113	277823	51.426	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.860%
50) Toluene-d8	8.653	98	1014220	48.879	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.760%
62) 4-Bromofluorobenzene	11.079	95	377099	47.531	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.060%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	459	Below Cal	#	66
5) Bromomethane	1.611	94	1628	Below Cal		87
6) Chloroethane	1.666	64	693	Below Cal	#	43
10) Methyl Iodide	2.465	142	1148	5.436	ug/l #	97
11) Tert butyl alcohol	2.947	59	6657	Below Cal	#	74
13) Acrolein	2.239	56	252	0.342	ug/l #	57
16) Acetone	2.373	43	1559	Below Cal		99
29) Tetrahydrofuran	5.038	42	528	0.227	ug/l #	44
31) Cyclohexane	5.556	56	8602	1.175	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	32544	4.618	ug/l #	50
38) Carbon Tetrachloride	5.550	117	45087	5.668	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	185339	26.276	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	185339	78.085	ug/l #	15

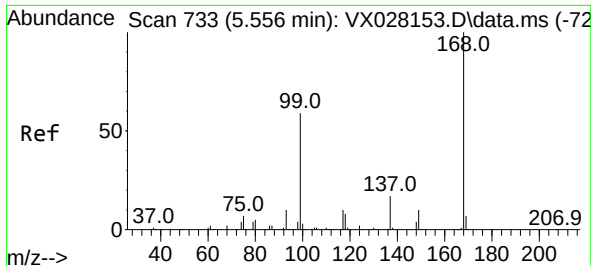
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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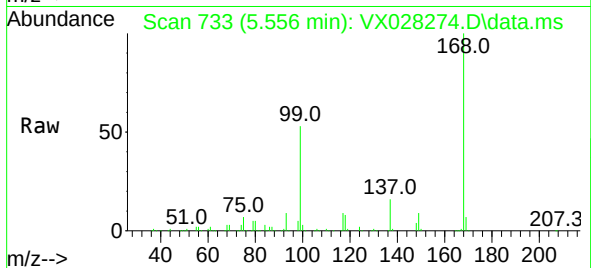
Quant Time: Apr 22 15:54:18 2022
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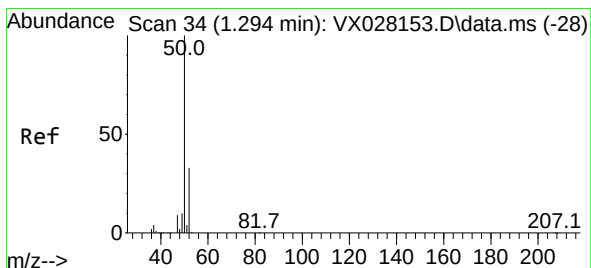
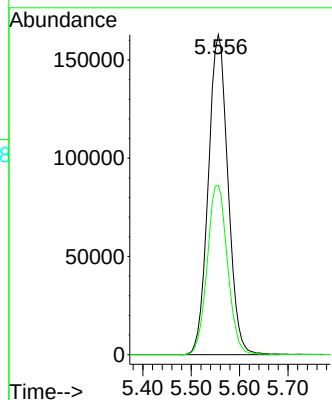
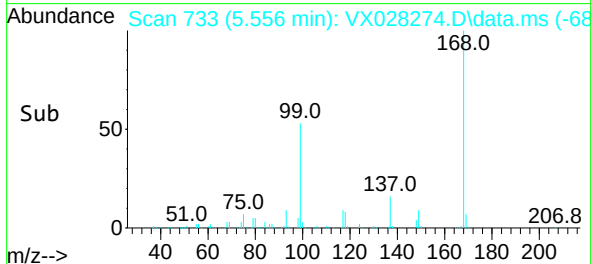


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028274.D
Acq: 22 Apr 2022 13:12

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ClientSampleId :

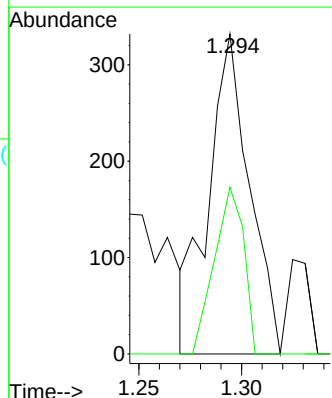
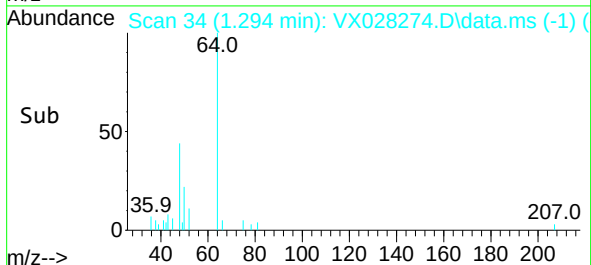
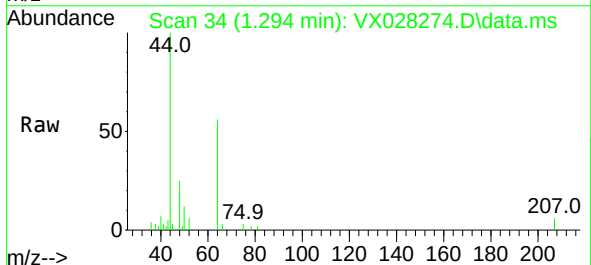


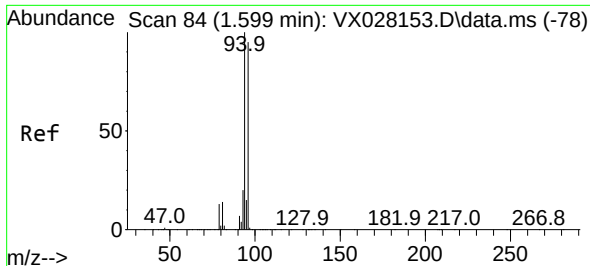
Tgt Ion:168 Resp: 461004
Ion Ratio Lower Upper
168 100
99 52.9 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028274.D
Acq: 22 Apr 2022 13:12

Tgt Ion: 50 Resp: 459
Ion Ratio Lower Upper
50 100
52 52.1 26.4 39.6#

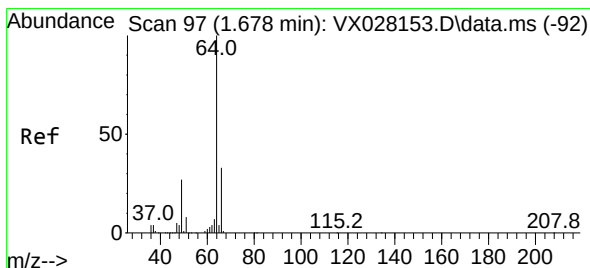
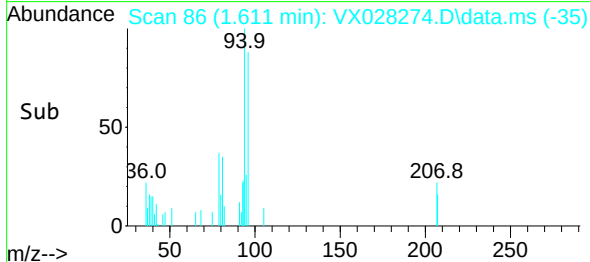
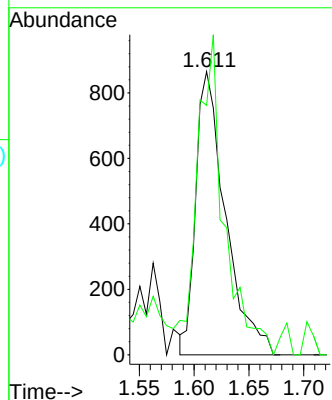
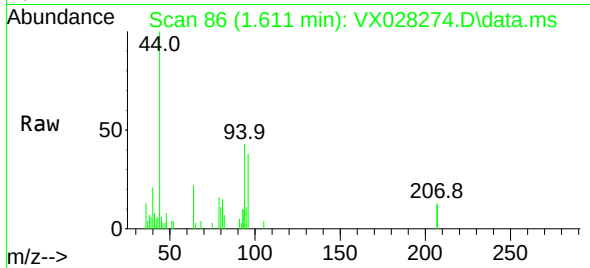




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028274.D
Acq: 22 Apr 2022 13:12

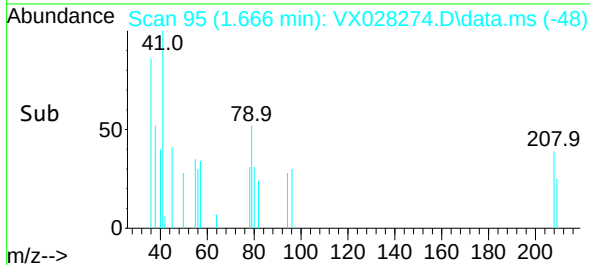
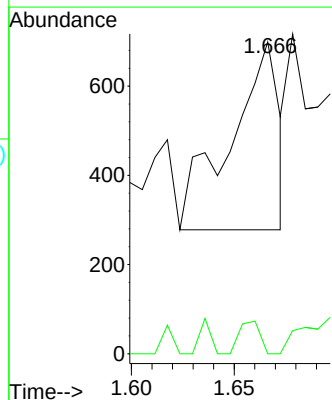
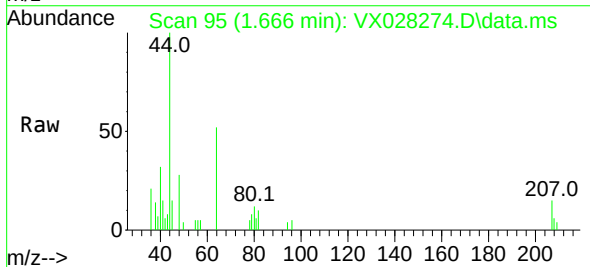
Instrument :
MSVOA_X
ClientSampleId :

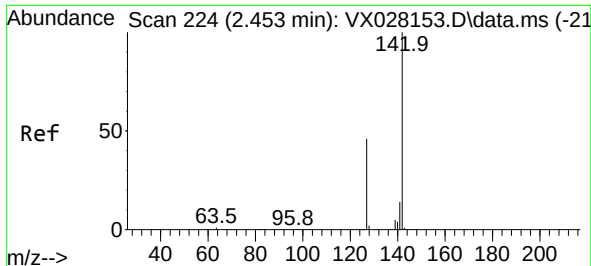
Tgt Ion: 94 Resp: 1628
Ion Ratio Lower Upper
94 100
96 82.0 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX028274.D
Acq: 22 Apr 2022 13:12

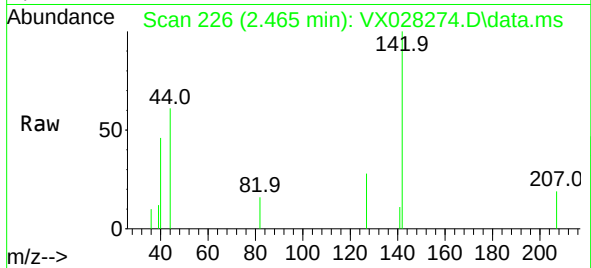
Tgt Ion: 64 Resp: 693
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



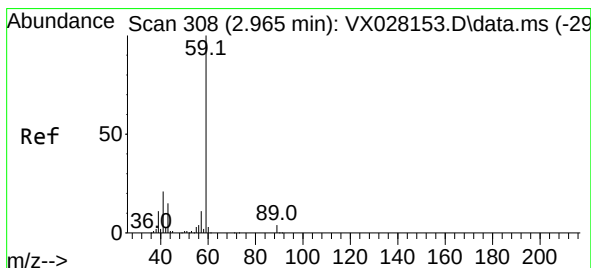
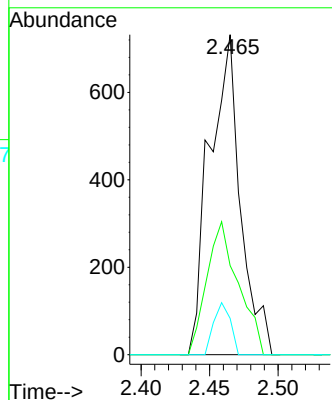


#10
Methyl Iodide
Concen: 5.436 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX028274.D
Acq: 22 Apr 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :

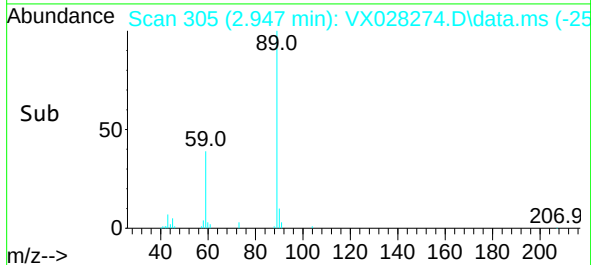
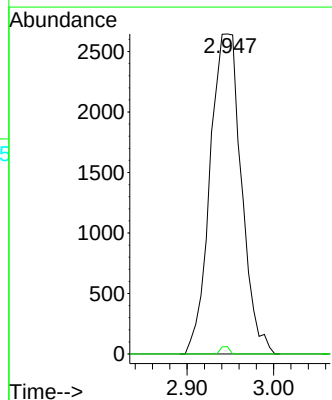
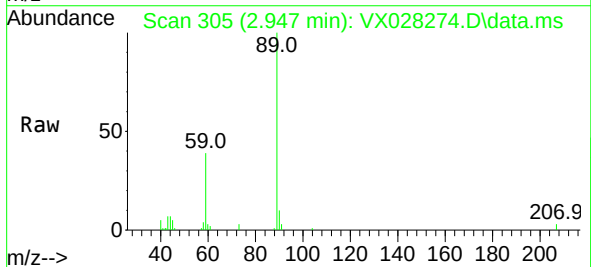


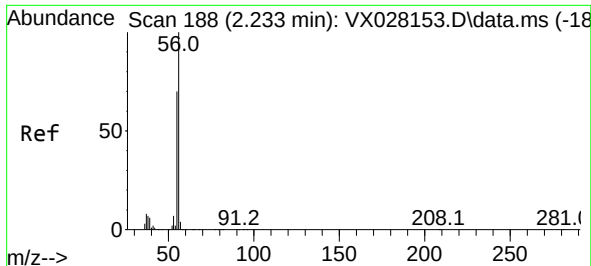
Tgt Ion:142 Resp: 1148
Ion Ratio Lower Upper
142 100
127 42.4 33.9 50.9
141 8.8 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX028274.D
Acq: 22 Apr 2022 13:12

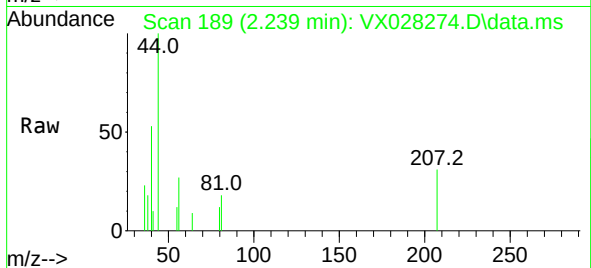
Tgt Ion: 59 Resp: 6657
Ion Ratio Lower Upper
59 100
57 0.7 8.3 12.5#



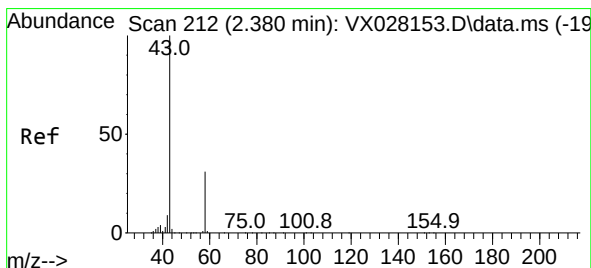
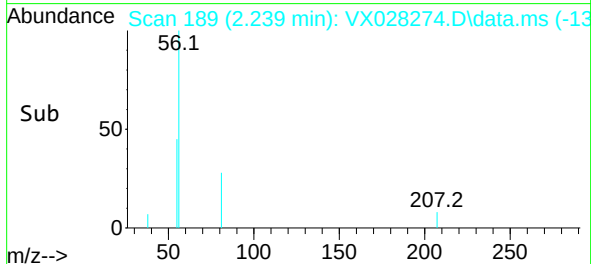
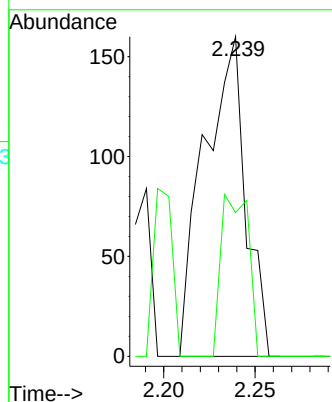


#13
Acrolein
Concen: 0.342 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028274.D
Acq: 22 Apr 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :

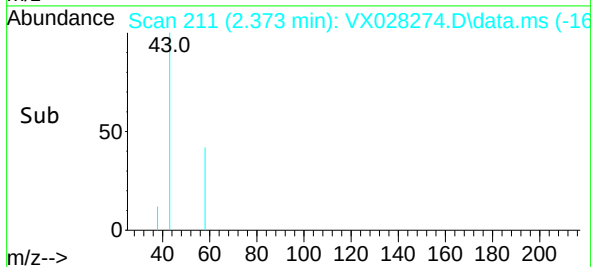
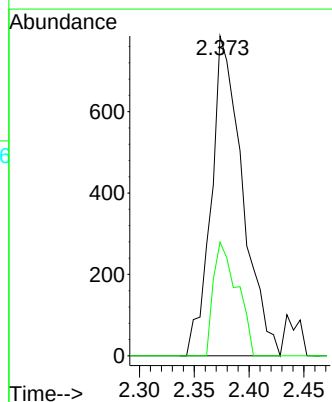
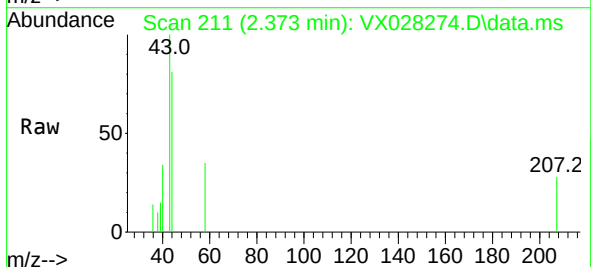


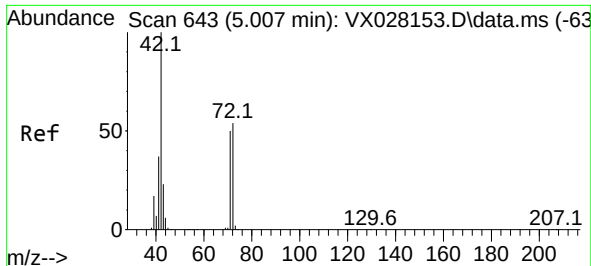
Tgt Ion: 56 Resp: 252
Ion Ratio Lower Upper
56 100
55 33.7 55.0 82.6#



#16
Acetone
Concen: Below Cal
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX028274.D
Acq: 22 Apr 2022 13:12

Tgt Ion: 43 Resp: 1559
Ion Ratio Lower Upper
43 100
58 35.5 28.8 43.2





#29

Tetrahydrofuran

Concen: 0.227 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.031 min

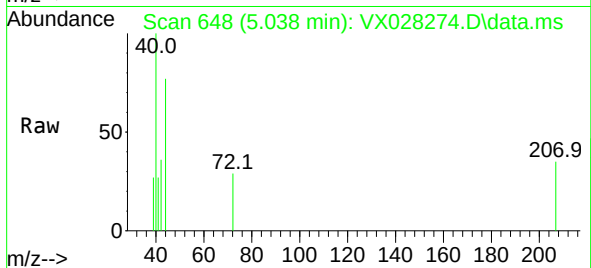
Lab File: VX028274.D

Acq: 22 Apr 2022 13:12

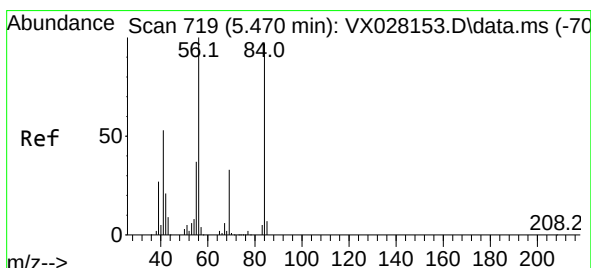
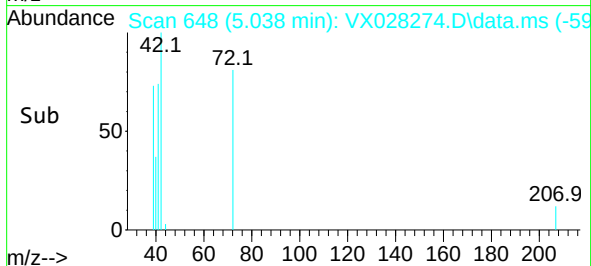
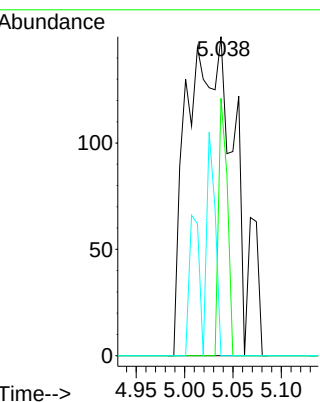
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	528
Ion	Ratio	Lower	Upper
42	100		
72	14.2	44.1	66.1#
71	12.1	40.5	60.7#



#31

Cyclohexane

Concen: 1.175 ug/l

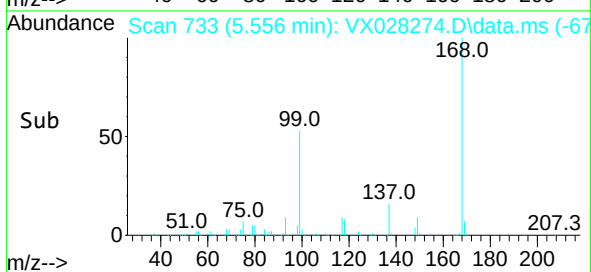
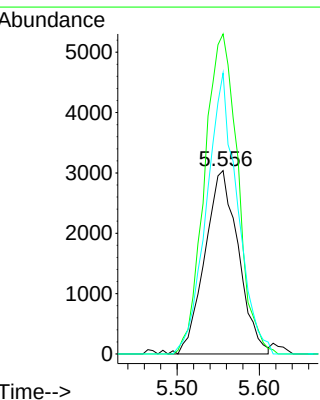
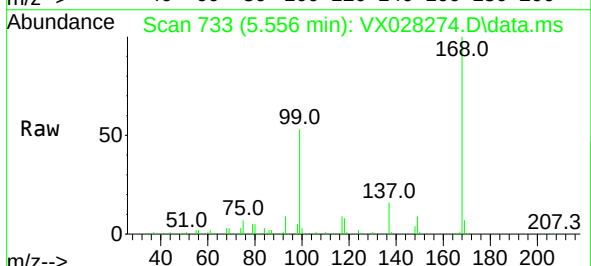
RT: 5.556 min Scan# 733

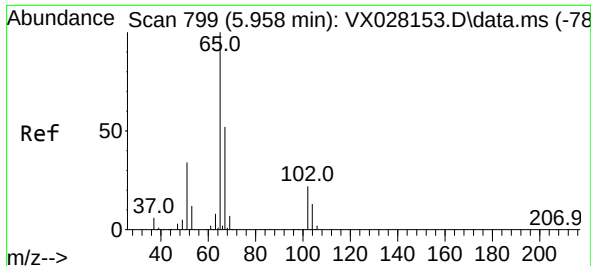
Delta R.T. 0.086 min

Lab File: VX028274.D

Acq: 22 Apr 2022 13:12

Tgt Ion:	56	Resp:	8602
Ion	Ratio	Lower	Upper
56	100		
69	174.4	26.7	40.1#
84	161.8	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 49.453 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

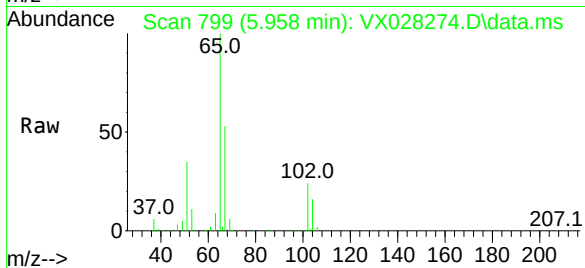
Lab File: VX028274.D

Acq: 22 Apr 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

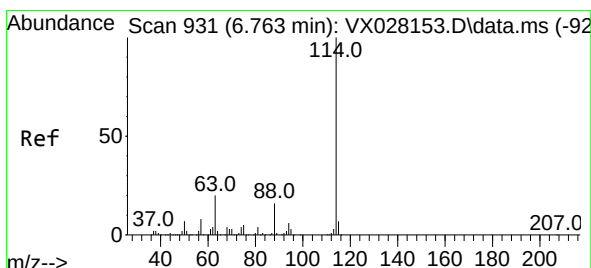
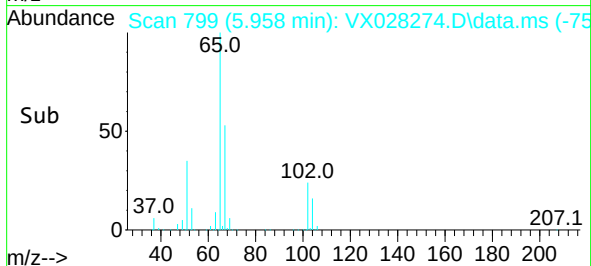
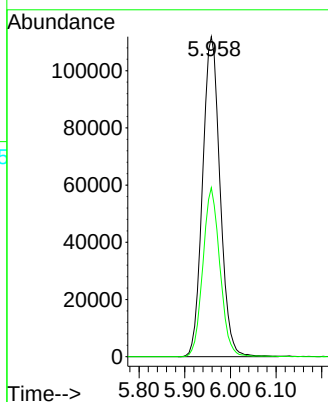


Tgt Ion: 65 Resp: 297257

Ion Ratio Lower Upper

65 100

67 51.4 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: VX028274.D

Acq: 22 Apr 2022 13:12

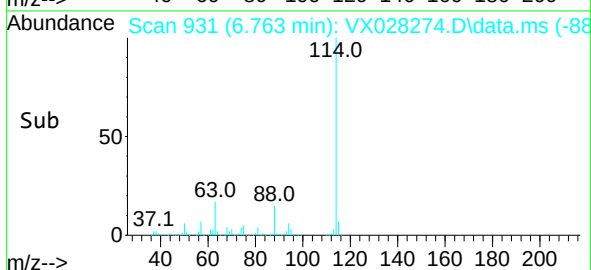
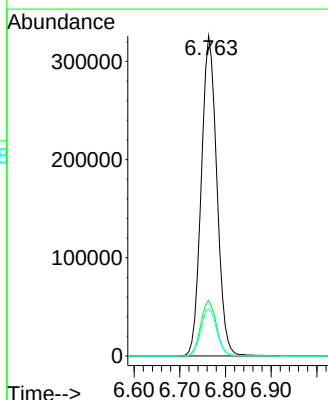
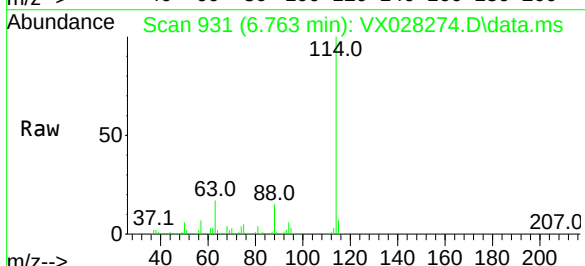
Tgt Ion: 114 Resp: 770344

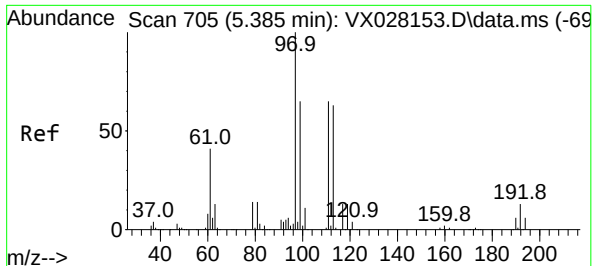
Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.8

88 14.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.426 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

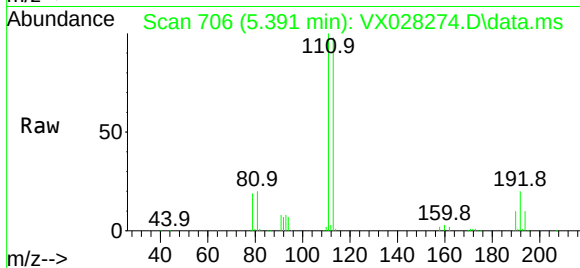
Lab File: VX028274.D

Acq: 22 Apr 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :



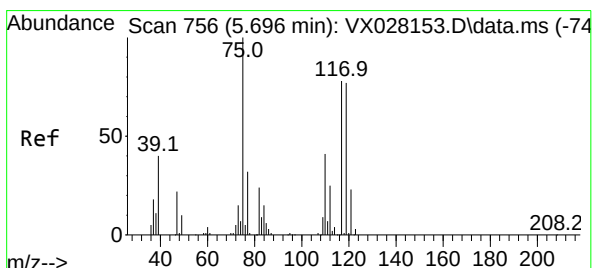
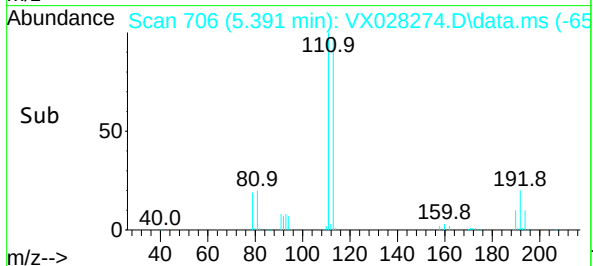
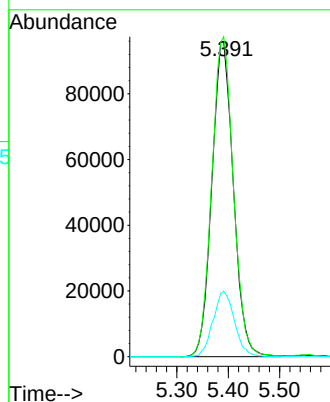
Tgt Ion:113 Resp: 277823

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

192 20.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.618 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX028274.D

Acq: 22 Apr 2022 13:12

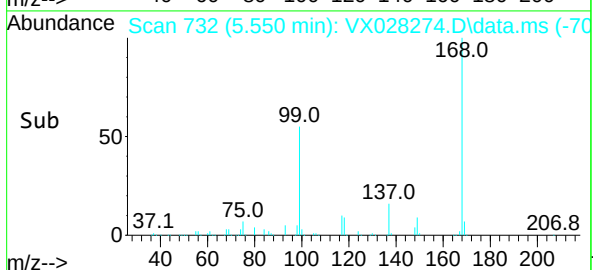
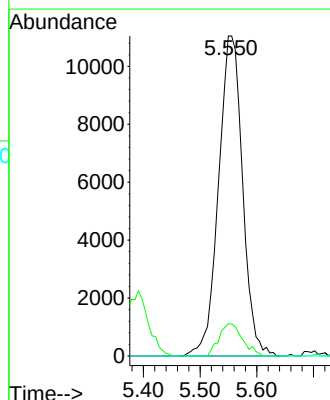
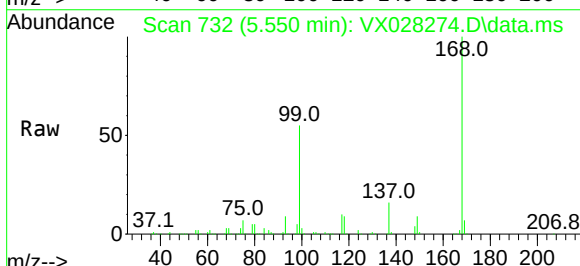
Tgt Ion: 75 Resp: 32544

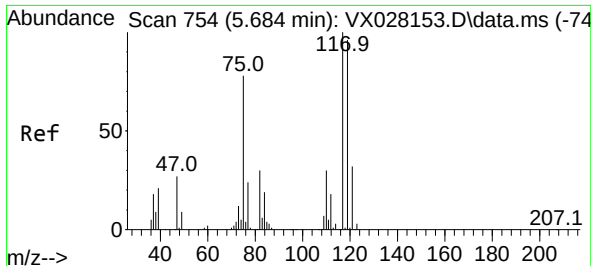
Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

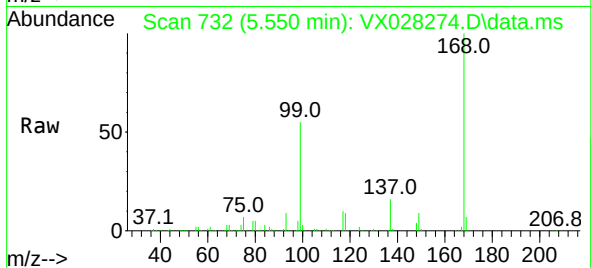
77 0.0 24.8 37.2#



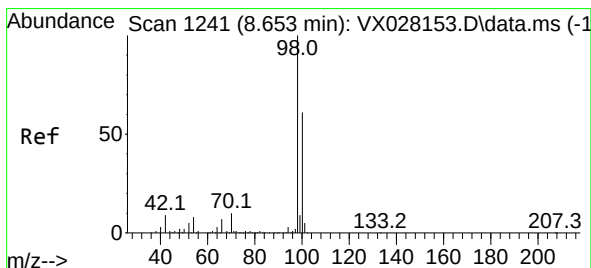
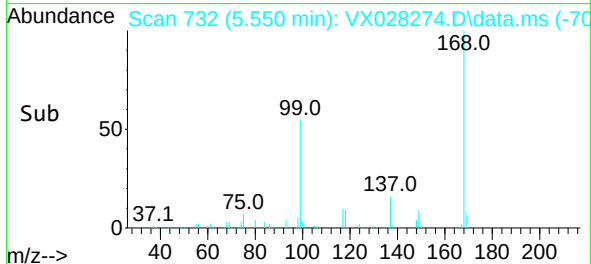
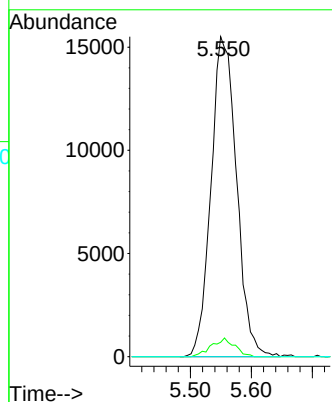


#38
Carbon Tetrachloride
Concen: 5.668 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX028274.D
Acq: 22 Apr 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :

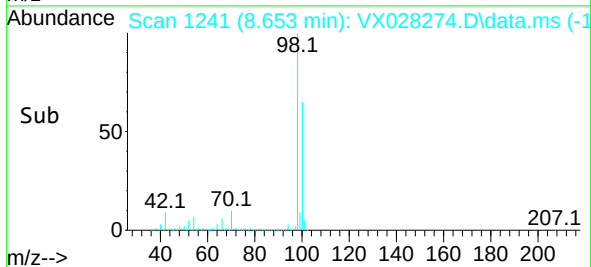
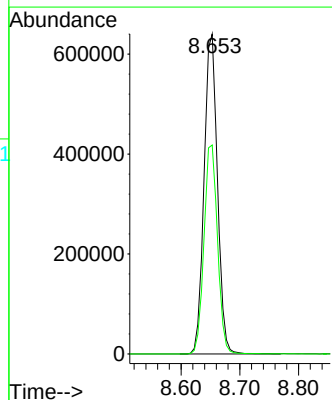
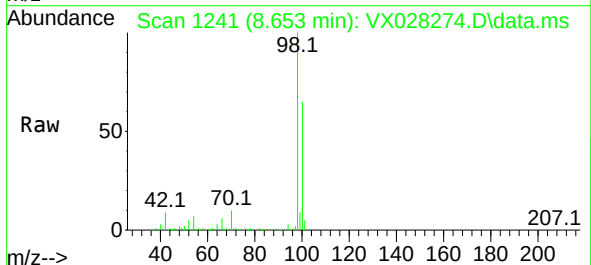


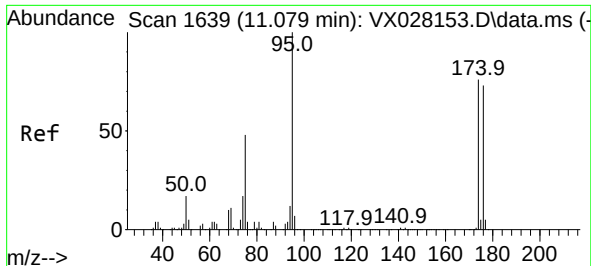
Tgt Ion:117 Resp: 45087
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.879 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028274.D
Acq: 22 Apr 2022 13:12

Tgt Ion: 98 Resp: 1014220
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

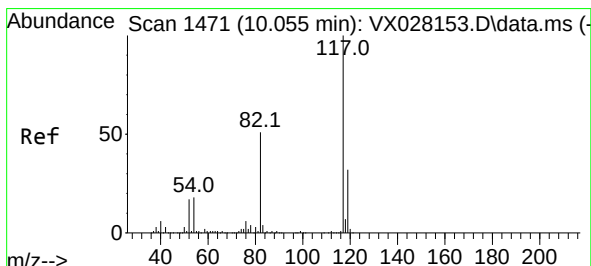
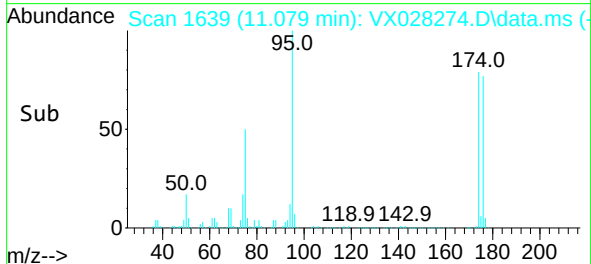
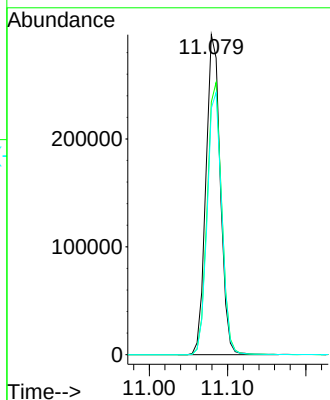
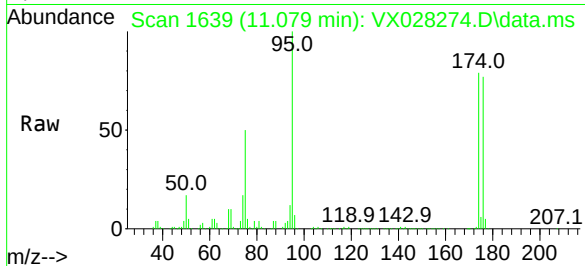




#62
4-Bromofluorobenzene
Concen: 47.531 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028274.D
Acq: 22 Apr 2022 13:12

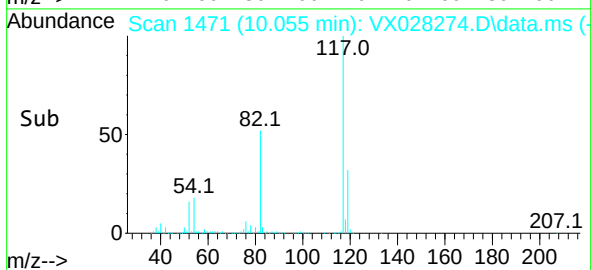
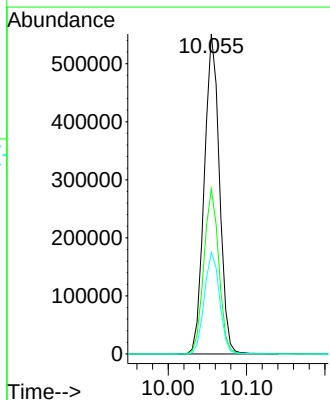
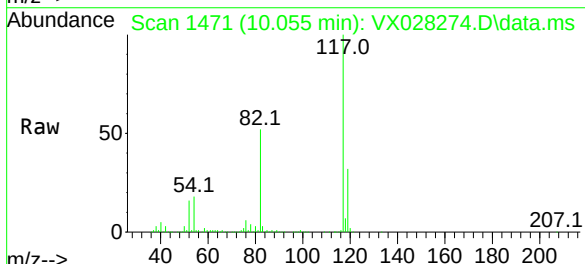
Instrument :
MSVOA_X
ClientSampleId :

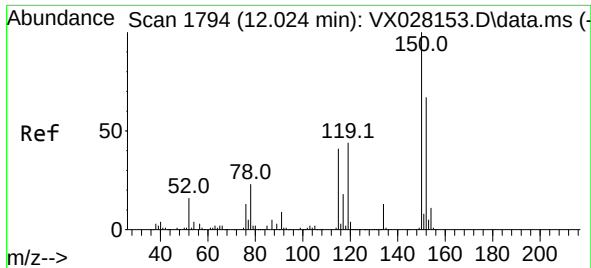
Tgt Ion: 95 Resp: 377099
Ion Ratio Lower Upper
95 100
174 86.0 0.0 163.0
176 83.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028274.D
Acq: 22 Apr 2022 13:12

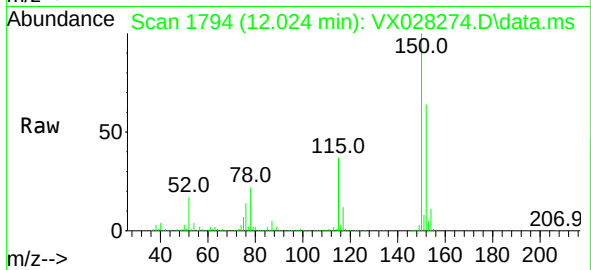
Tgt Ion: 117 Resp: 737367
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.8
119 31.6 24.8 37.2



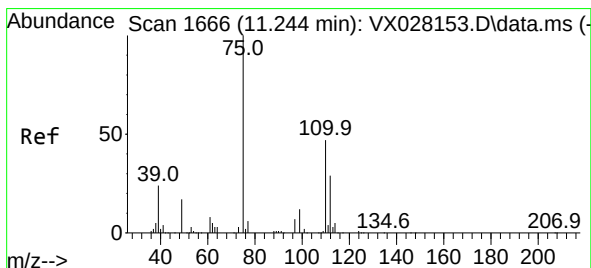
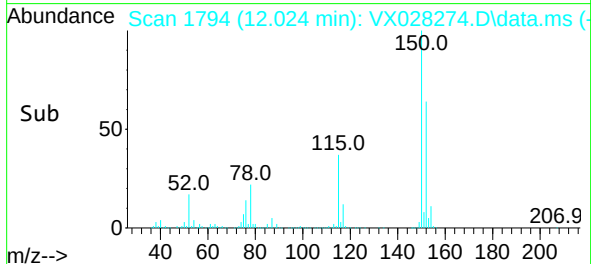
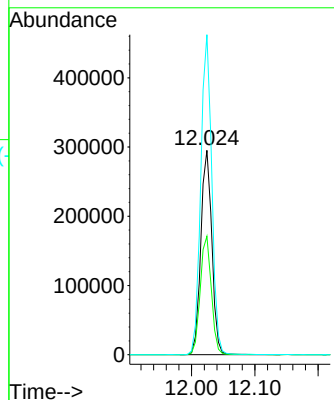


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028274.D
 Acq: 22 Apr 2022 13:12

Instrument :
 MSVOA_X
 ClientSampleId :

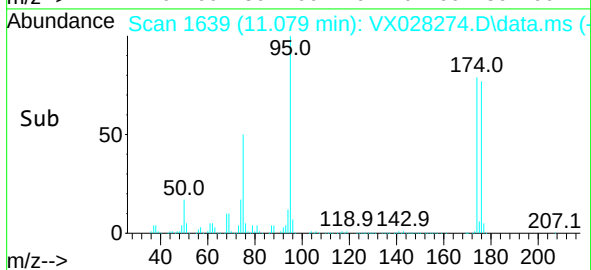
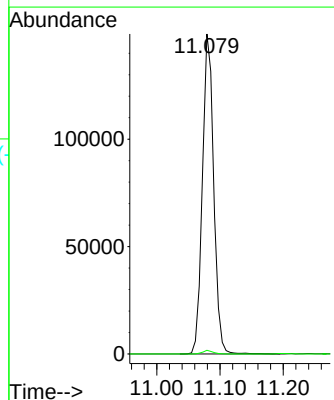
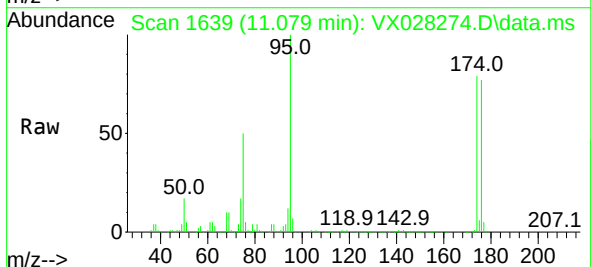


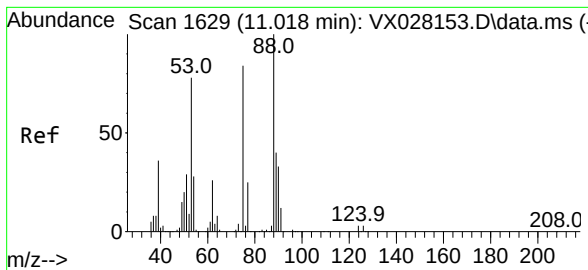
Tgt Ion:152 Resp: 358400
 Ion Ratio Lower Upper
 152 100
 115 58.4 37.5 112.7
 150 156.3 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 26.276 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028274.D
 Acq: 22 Apr 2022 13:12

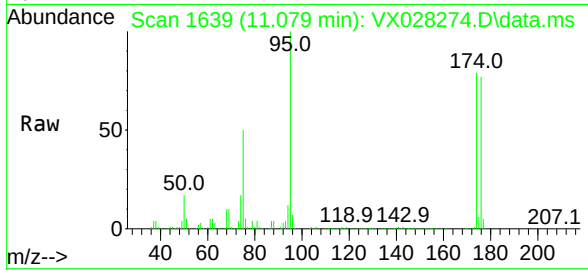
Tgt Ion: 75 Resp: 185339
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.085 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028274.D
 Acq: 22 Apr 2022 13:12

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 185339
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

