

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032822\
 Data File : VX027745.D
 Acq On : 28 Mar 2022 11:49
 Operator : JC/MD
 Sample : VX0328MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328MBL01

Quant Time: Mar 28 16:59:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

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

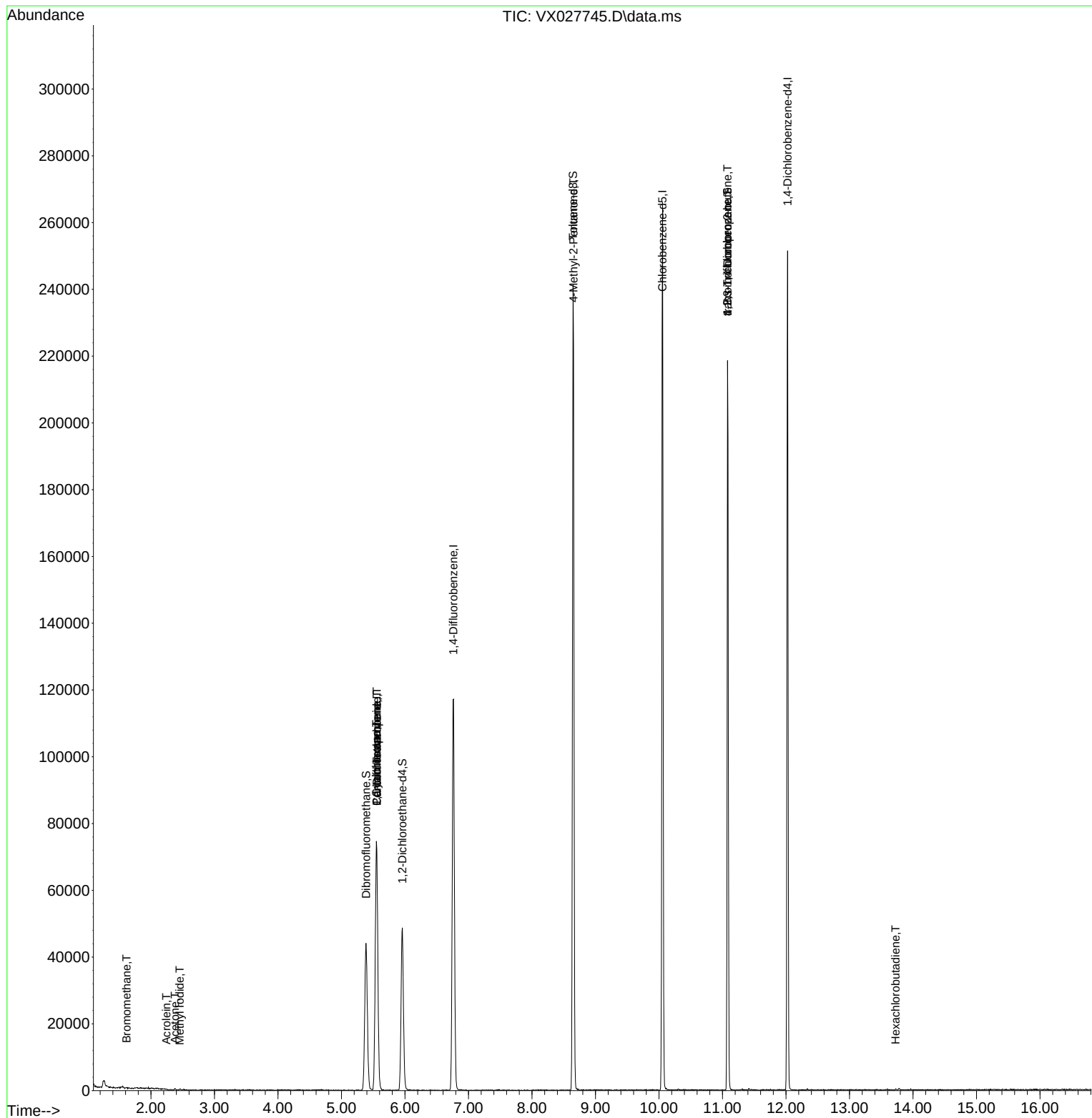
Internal Standards						
1) Pentafluorobenzene	5.556	168	66580	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	116152	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102856	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47382	43.390	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.780%		
35) Dibromofluoromethane	5.385	113	38047	49.881	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.760%		
50) Toluene-d8	8.647	98	143389	48.630	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.260%		
62) 4-Bromofluorobenzene	11.079	95	58324	48.748	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.500%		
Target Compounds						Qvalue
5) Bromomethane	1.618	94	67	0.217	ug/l	98
10) Methyl Iodide	2.453	142	214	3.120	ug/l #	89
13) Acrolein	2.240	56	85	0.597	ug/l #	15
16) Acetone	2.380	43	394	0.853	ug/l #	39
31) Cyclohexane	5.550	56	1498	1.131	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	5649	4.689	ug/l #	47
38) Carbon Tetrachloride	5.556	117	7255	6.162	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	629	0.433	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35112	29.858	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	35112	101.634	ug/l #	15
94) Hexachlorobutadiene	13.725	225	149	0.374	ug/l	64

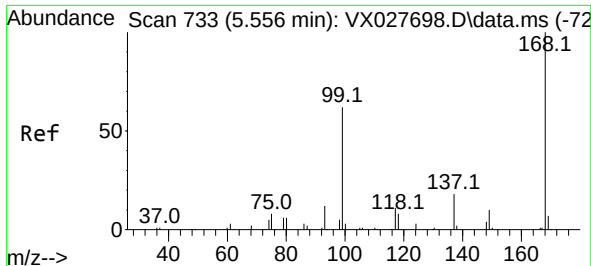
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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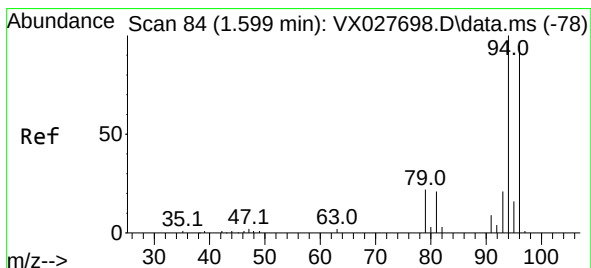
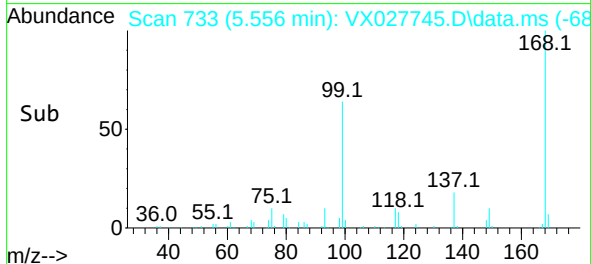
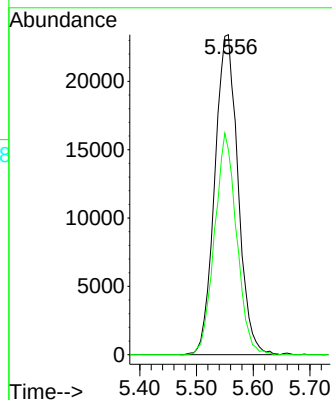
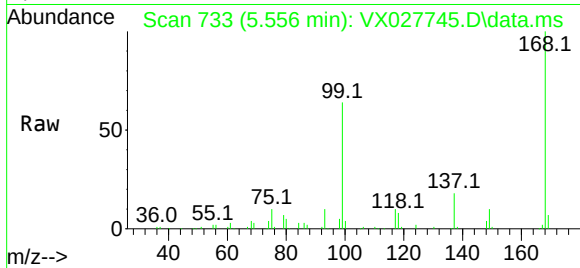




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027745.D
Acq: 28 Mar 2022 11:49

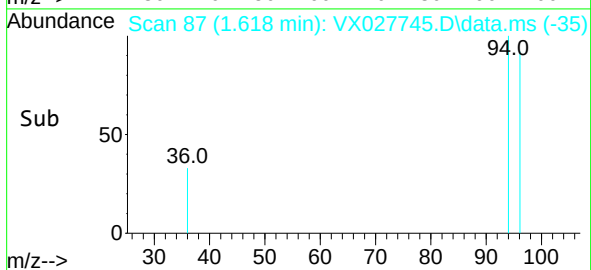
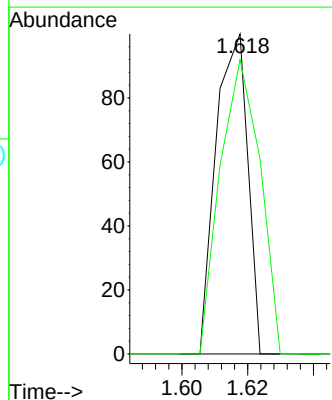
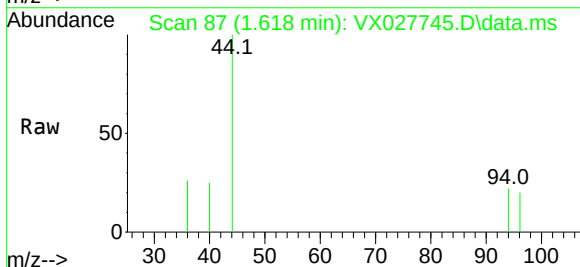
Instrument :
MSVOA_X
ClientSampleId :
VX0328MBL01

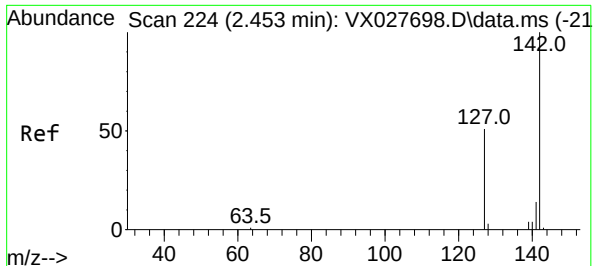
Tgt Ion:168 Resp: 66580
Ion Ratio Lower Upper
168 100
99 64.1 41.7 62.5#



#5
Bromomethane
Concen: 0.217 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027745.D
Acq: 28 Mar 2022 11:49

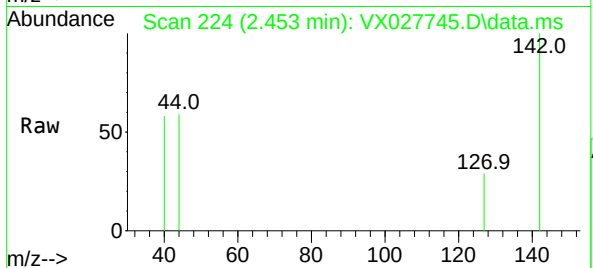
Tgt Ion: 94 Resp: 67
Ion Ratio Lower Upper
94 100
96 92.0 75.3 112.9



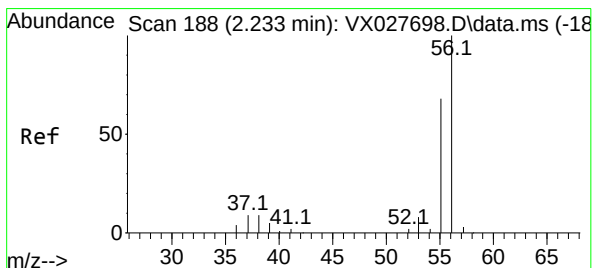
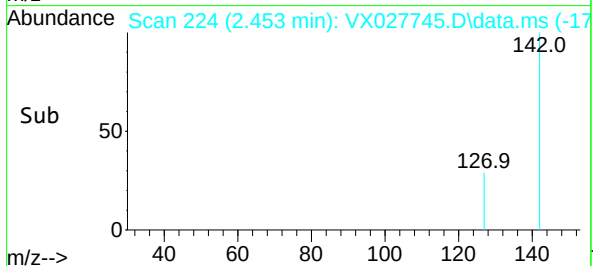
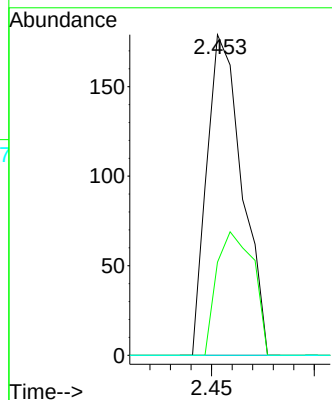


#10
Methyl Iodide
Concen: 3.120 ug/l
RT: 2.453 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX027745.D
Acq: 28 Mar 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0328MBL01

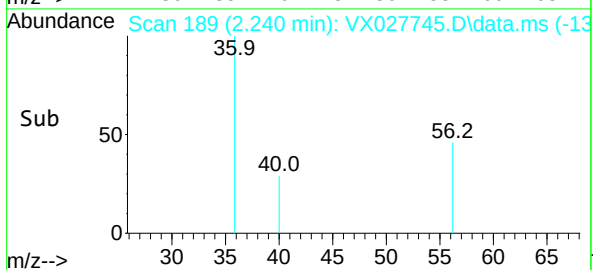
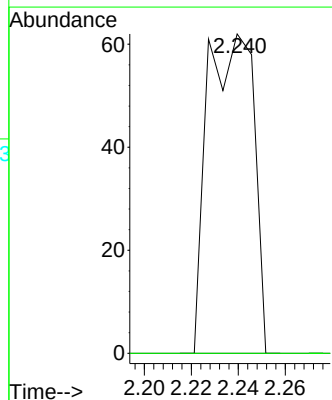
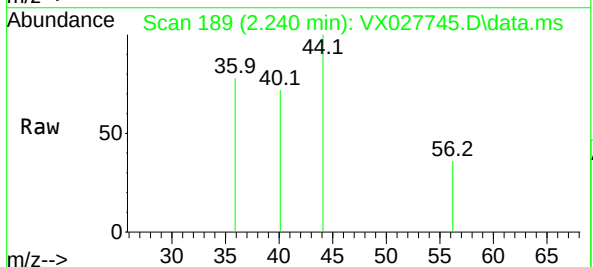


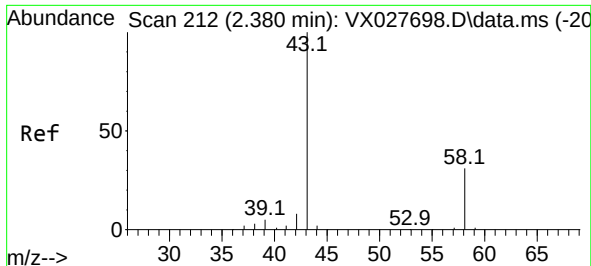
Tgt Ion:142 Resp: 214
Ion Ratio Lower Upper
142 100
127 40.2 33.9 50.9
141 0.0 11.4 17.2#



#13
Acrolein
Concen: 0.597 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.007 min
Lab File: VX027745.D
Acq: 28 Mar 2022 11:49

Tgt Ion: 56 Resp: 85
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#

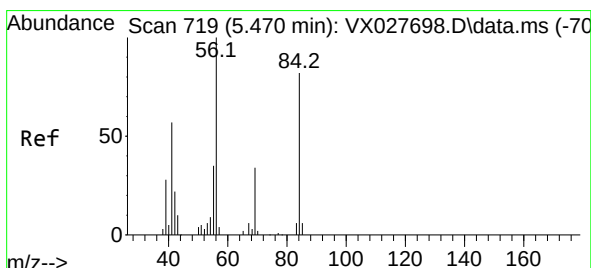
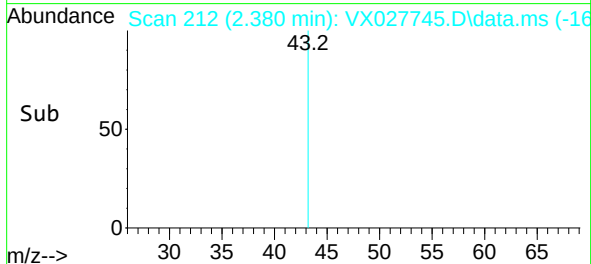
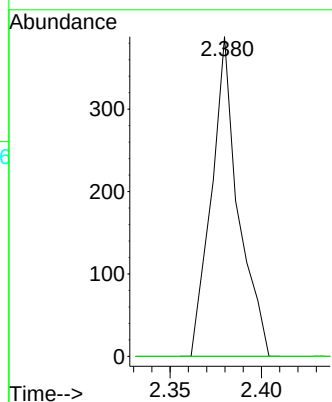
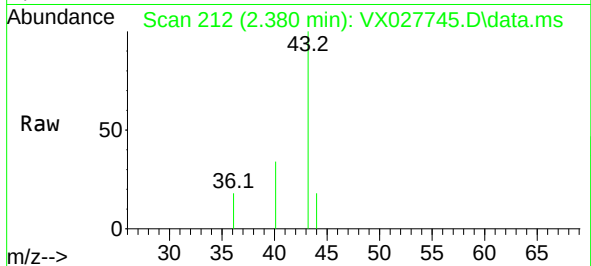




#16
Acetone
Concen: 0.853 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027745.D
Acq: 28 Mar 2022 11:49

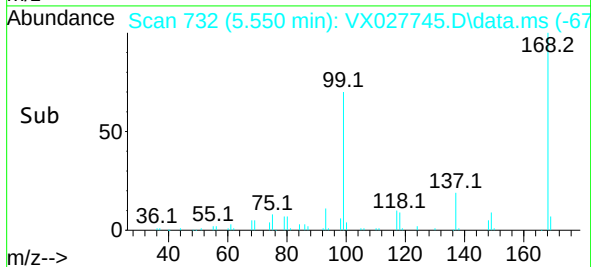
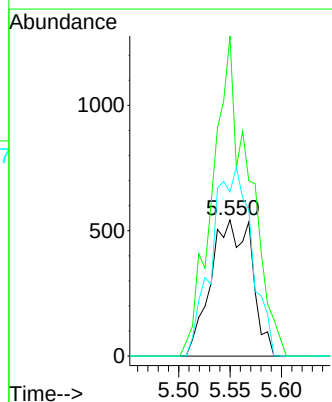
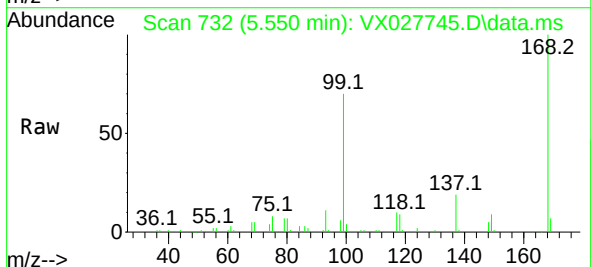
Instrument :
MSVOA_X
ClientSampleId :
VX0328MBL01

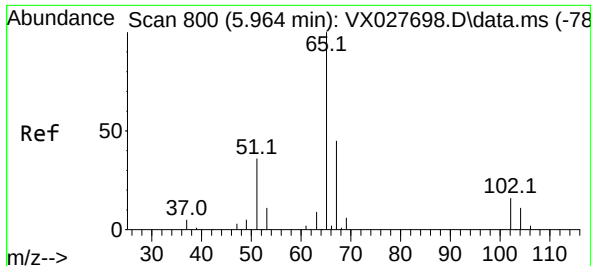
Tgt Ion: 43 Resp: 394
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#



#31
Cyclohexane
Concen: 1.131 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX027745.D
Acq: 28 Mar 2022 11:49

Tgt Ion: 56 Resp: 1498
Ion Ratio Lower Upper
56 100
69 235.2 26.7 40.1#
84 120.6 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 43.390 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027745.D

Acq: 28 Mar 2022 11:49

Instrument :

MSVOA_X

ClientSampleId :

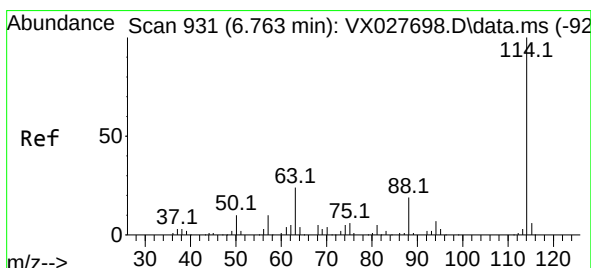
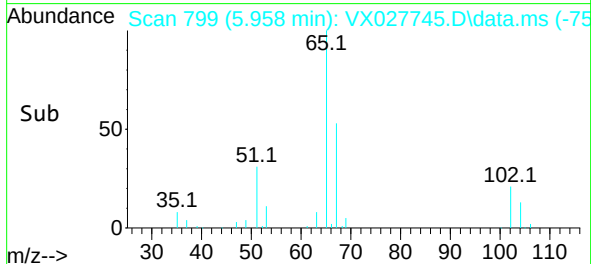
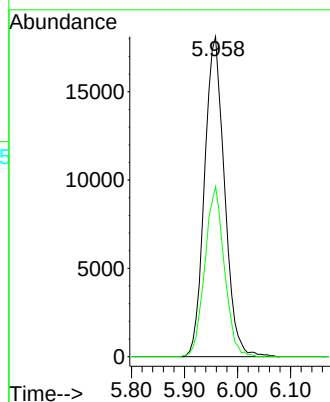
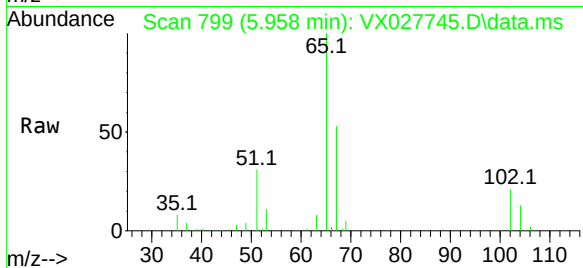
VX0328MBL01

Tgt Ion: 65 Resp: 47382

Ion Ratio Lower Upper

65 100

67 51.8 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: VX027745.D

Acq: 28 Mar 2022 11:49

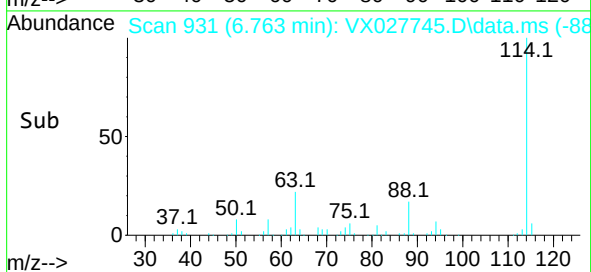
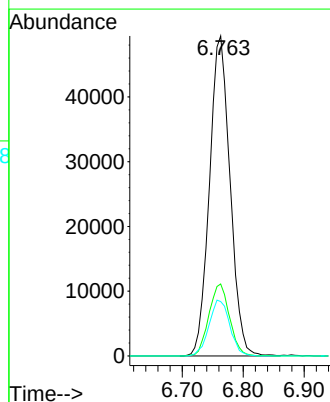
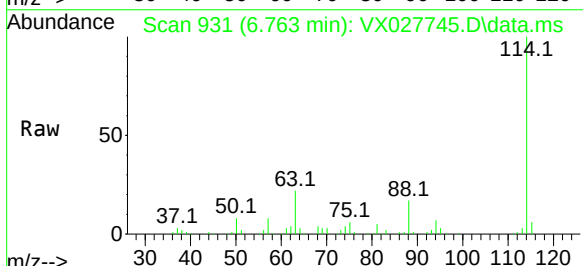
Tgt Ion:114 Resp: 116152

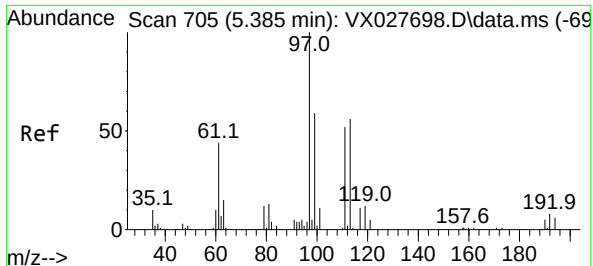
Ion Ratio Lower Upper

114 100

63 22.5 0.0 36.8

88 17.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.881 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX027745.D

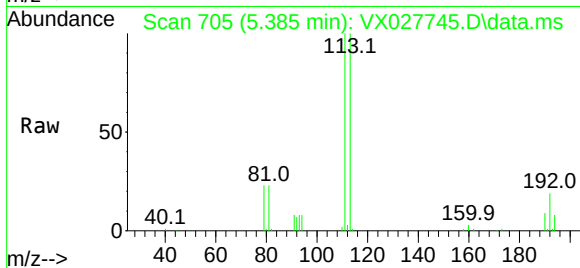
Acq: 28 Mar 2022 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0328MBL01



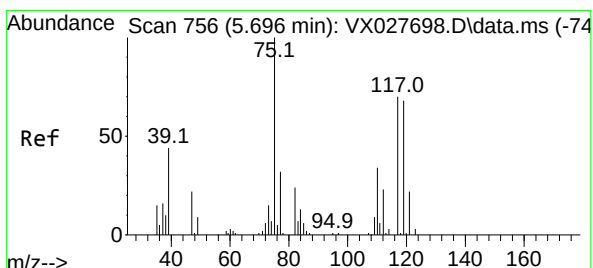
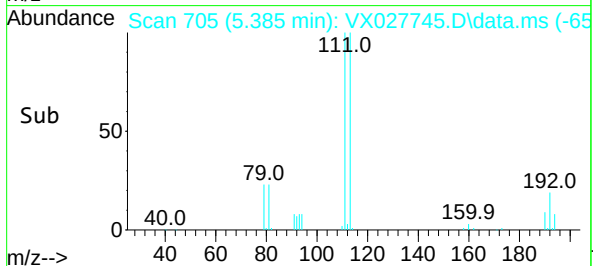
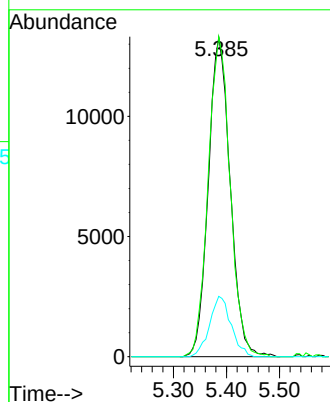
Tgt Ion:113 Resp: 38047

Ion Ratio Lower Upper

113 100

111 100.9 82.8 124.2

192 18.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.689 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027745.D

Acq: 28 Mar 2022 11:49

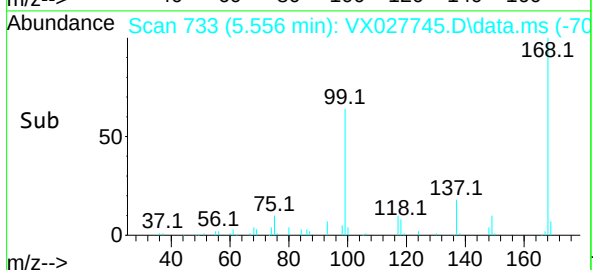
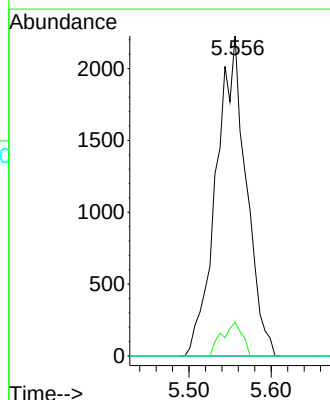
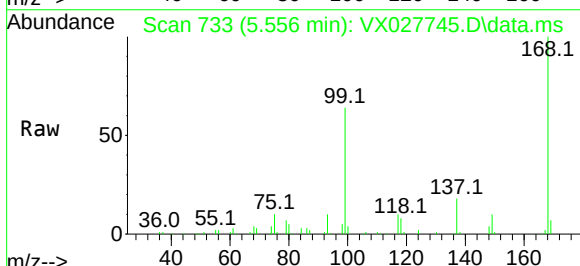
Tgt Ion: 75 Resp: 5649

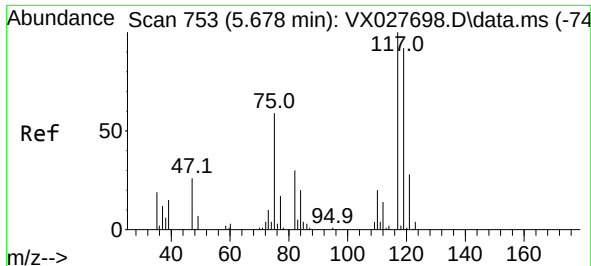
Ion Ratio Lower Upper

75 100

110 7.1 18.3 54.8#

77 0.0 24.8 37.2#

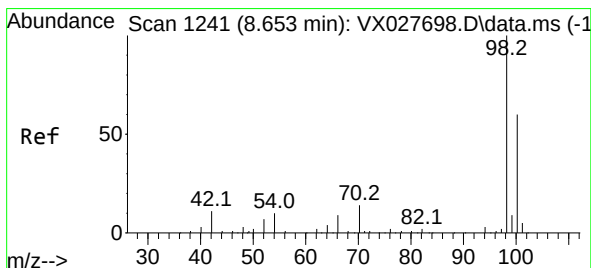
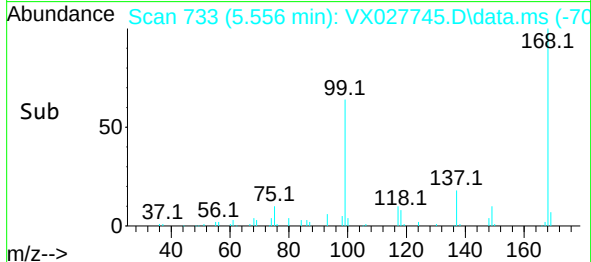
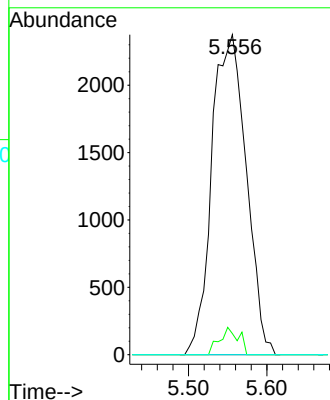
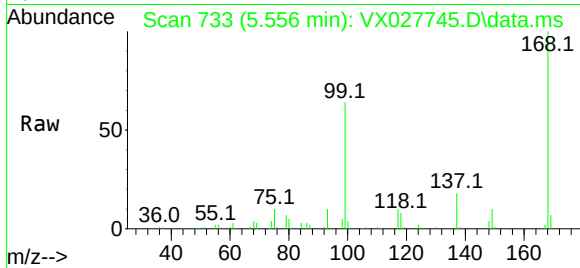




#38
Carbon Tetrachloride
Concen: 6.162 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027745.D
Acq: 28 Mar 2022 11:49

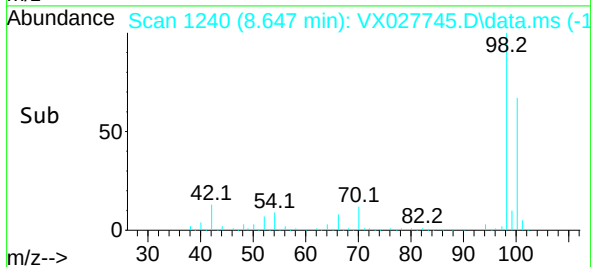
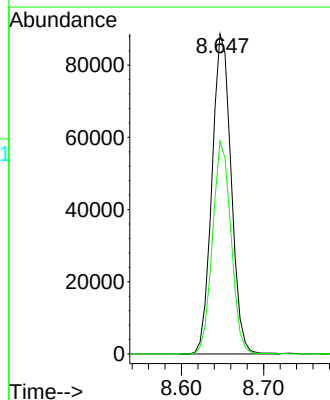
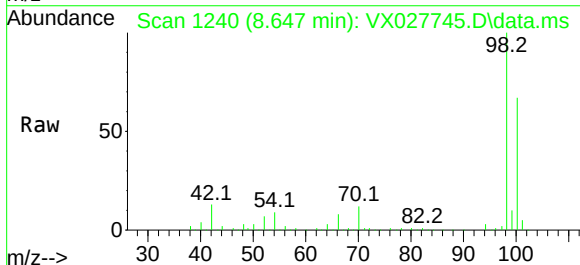
Instrument :
MSVOA_X
ClientSampleId :
VX0328MBL01

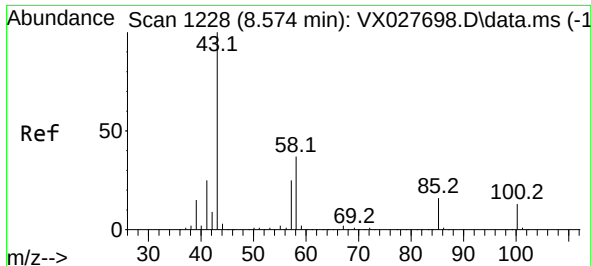
Tgt Ion:117 Resp: 7255
Ion Ratio Lower Upper
117 100
119 6.6 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.630 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX027745.D
Acq: 28 Mar 2022 11:49

Tgt Ion: 98 Resp: 143389
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.433 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX027745.D

Acq: 28 Mar 2022 11:49

Instrument :

MSVOA_X

ClientSampleId :

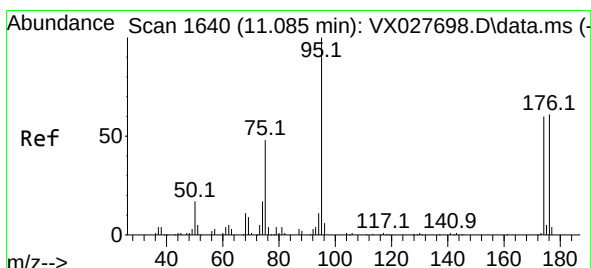
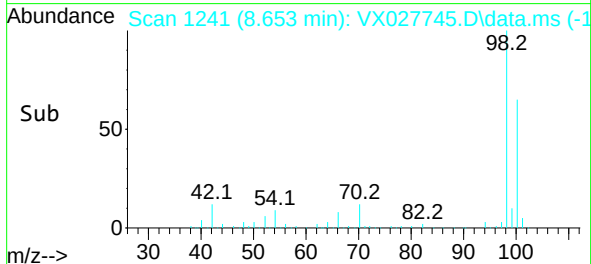
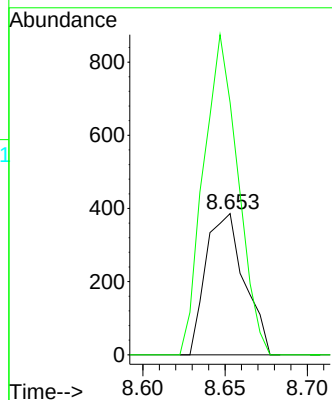
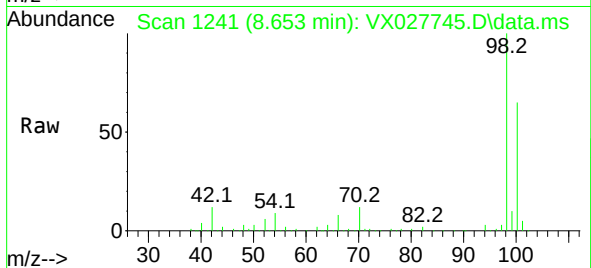
VX0328MBL01

Tgt Ion: 43 Resp: 629

Ion Ratio Lower Upper

43 100

58 202.1 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 48.748 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027745.D

Acq: 28 Mar 2022 11:49

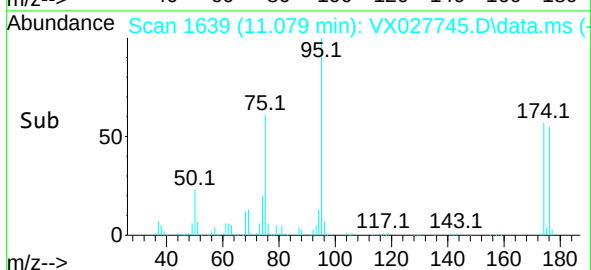
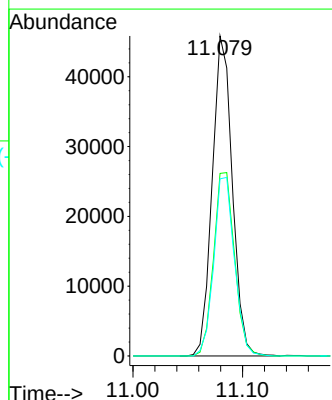
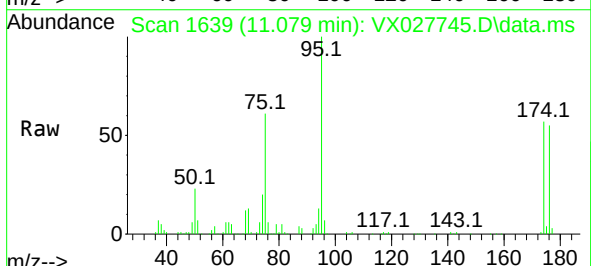
Tgt Ion: 95 Resp: 58324

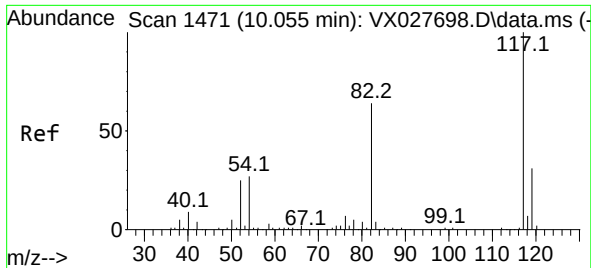
Ion Ratio Lower Upper

95 100

174 59.9 0.0 163.0

176 57.8 0.0 155.0

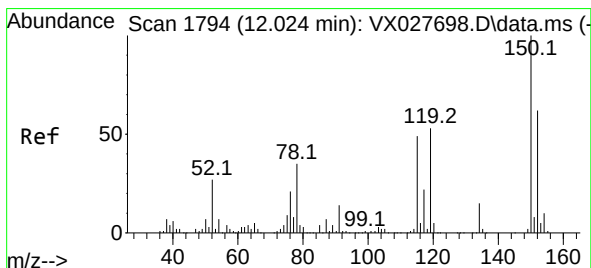
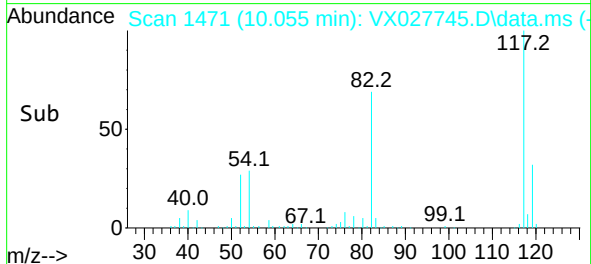
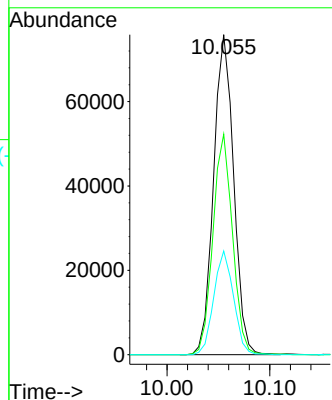
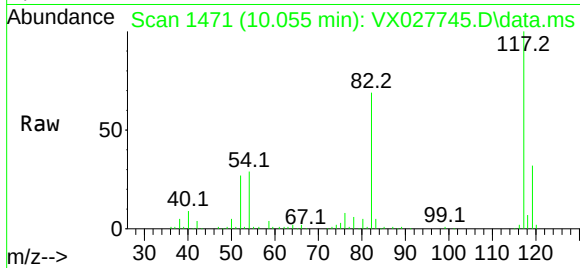




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027745.D
Acq: 28 Mar 2022 11:49

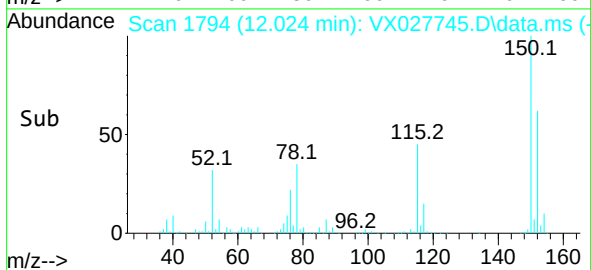
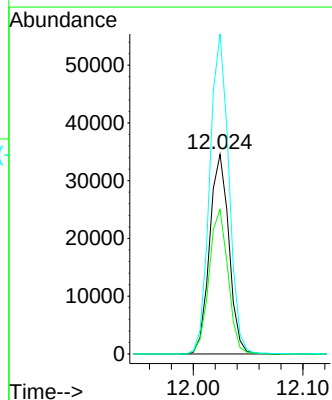
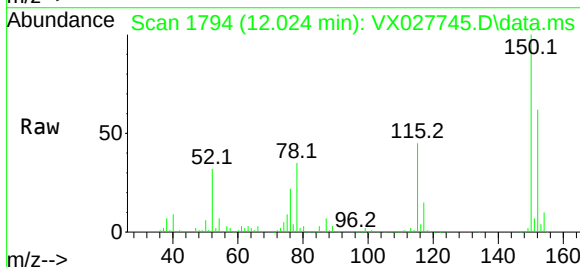
Instrument :
MSVOA_X
ClientSampleId :
VX0328MBL01

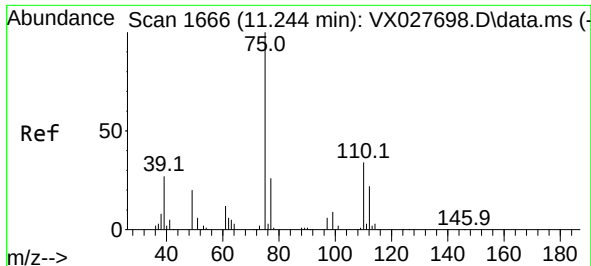
Tgt Ion:117 Resp: 102856
Ion Ratio Lower Upper
117 100
82 68.9 41.8 62.8#
119 32.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027745.D
Acq: 28 Mar 2022 11:49

Tgt Ion:152 Resp: 42236
Ion Ratio Lower Upper
152 100
115 71.4 37.5 112.7
150 158.9 0.0 338.2

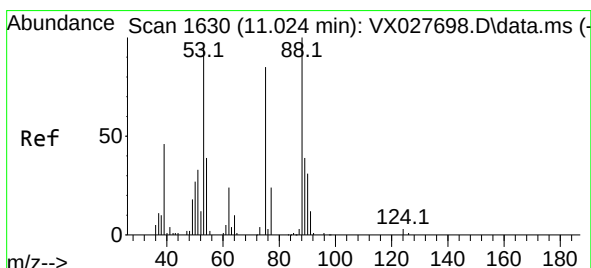
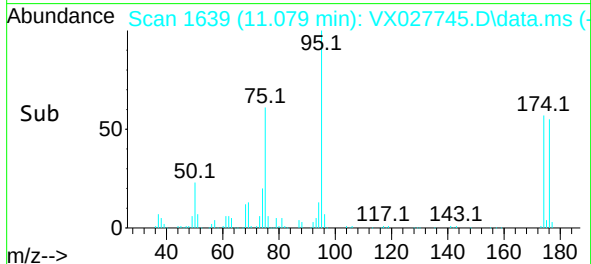
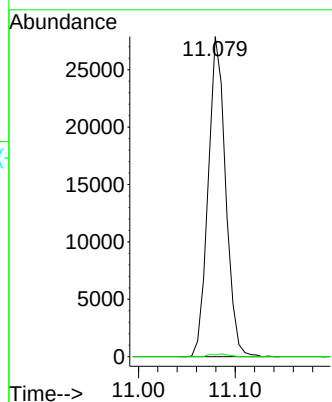
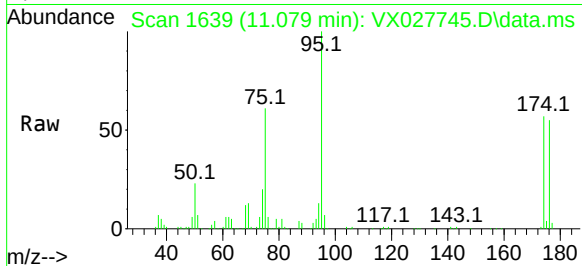




#76
1,2,3-Trichloropropane
Concen: 29.858 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027745.D
Acq: 28 Mar 2022 11:49

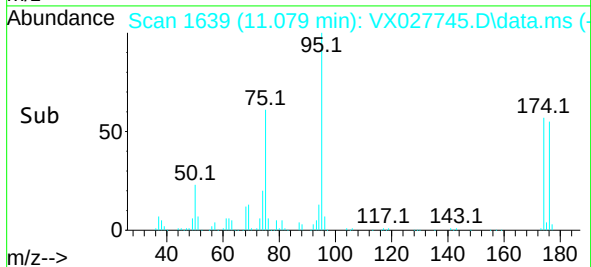
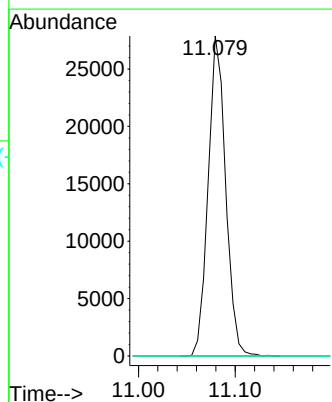
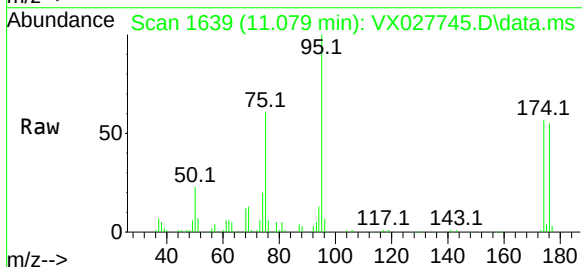
Instrument :
MSVOA_X
ClientSampleId :
VX0328MBL01

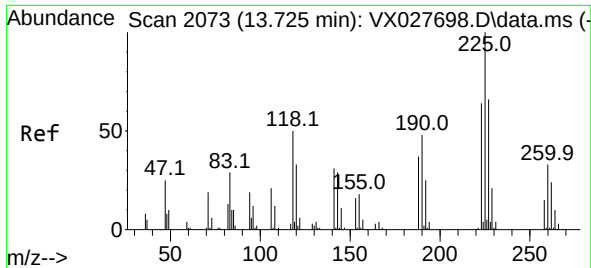
Tgt Ion: 75 Resp: 35112
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.634 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027745.D
Acq: 28 Mar 2022 11:49

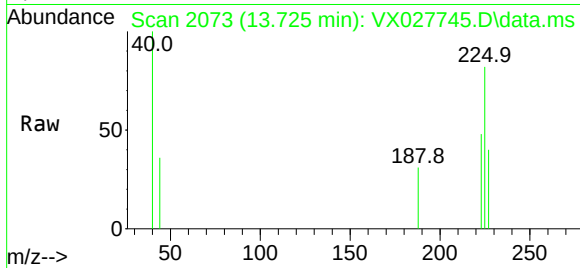
Tgt Ion: 75 Resp: 35112
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: 0.374 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX027745.D
 Acq: 28 Mar 2022 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328MBL01



Tgt Ion:	225	Resp:	149
Ion	Ratio	Lower	Upper
225	100		
223	38.9	34.2	102.5
227	38.3	33.9	101.7

