

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032664.D
 Acq On : 08 Nov 2022 19:09
 Operator : JC/MD
 Sample : N5415-01ME
 Misc : 5.00g/10ml/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 09 04:41:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

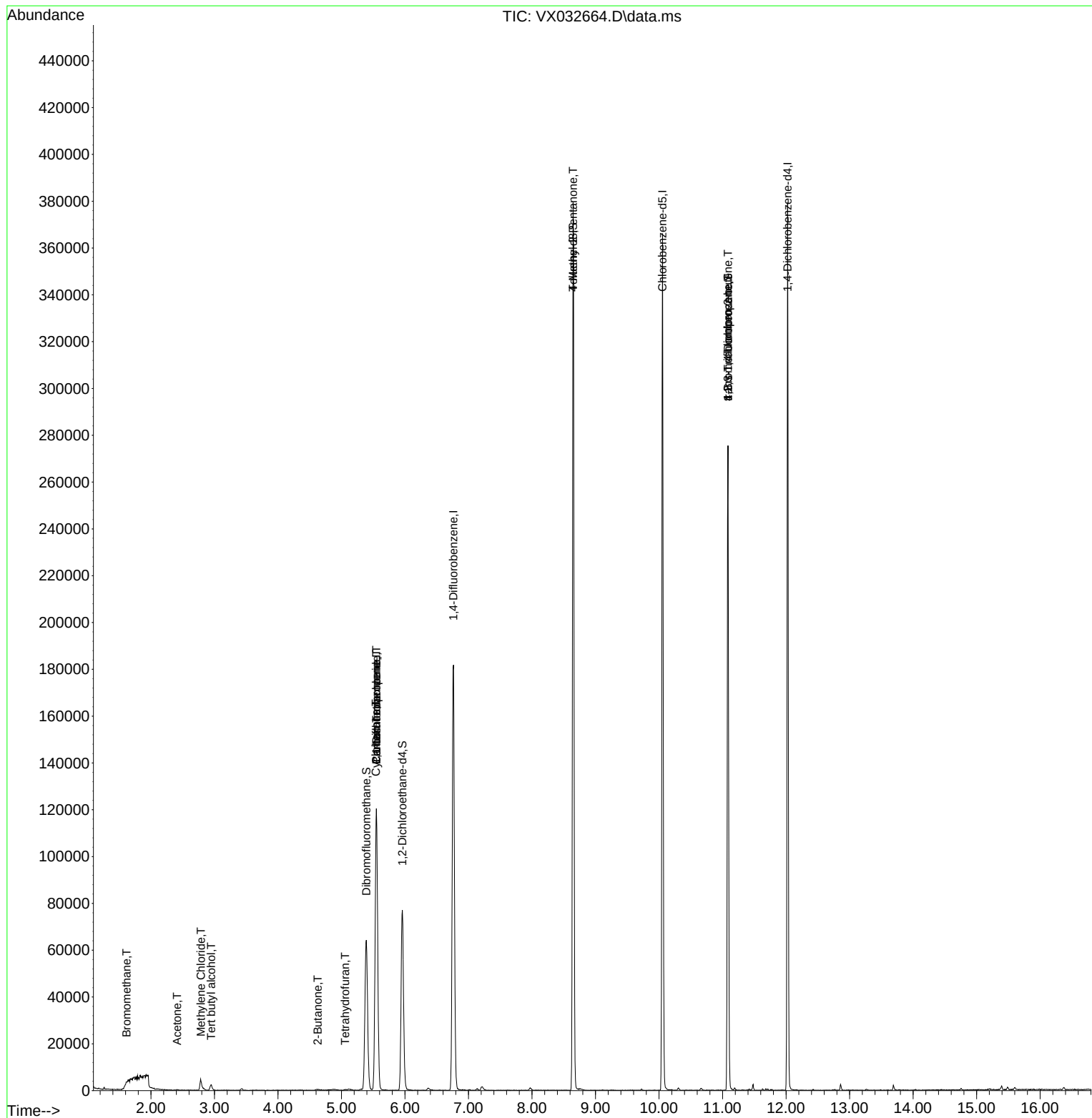
Internal Standards						
1) Pentafluorobenzene	5.550	168	111715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78014	50.259	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.520%			
35) Dibromofluoromethane	5.391	113	56059	41.940	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 83.880%			
50) Toluene-d8	8.647	98	223117	48.004	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.000%			
62) 4-Bromofluorobenzene	11.085	95	76330	42.042	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 84.080%			
Target Compounds						Qvalue
5) Bromomethane	1.617	94	242	0.253	ug/l #	74
11) Tert butyl alcohol	2.947	59	1523	6.741	ug/l #	72
16) Acetone	2.410	43	382	0.677	ug/l #	45
20) Methylene Chloride	2.788	84	2663	2.059	ug/l #	80
25) 2-Butanone	4.623	43	1021	1.168	ug/l #	47
29) Tetrahydrofuran	5.056	42	310	0.556	ug/l #	41
31) Cyclohexane	5.544	56	2555	1.358	ug/l #	41
36) 1,1-Dichloropropene	5.550	75	8906	4.785	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11466	5.554	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1057	0.564	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	41948	24.876	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	41948	79.156	ug/l #	6

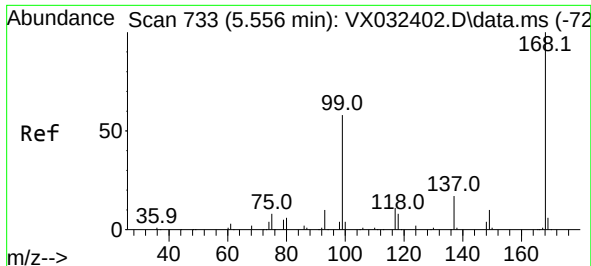
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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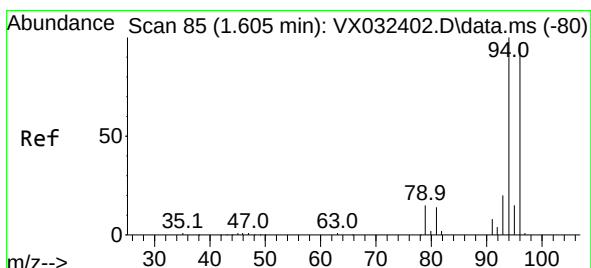
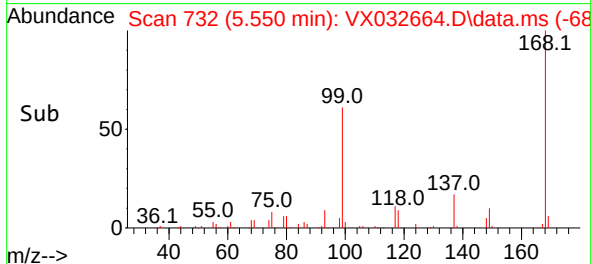
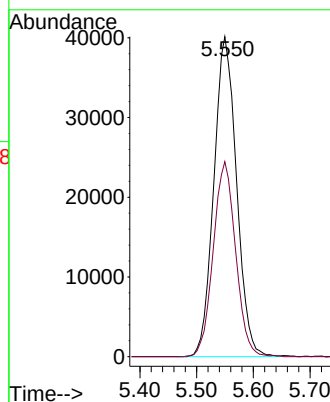
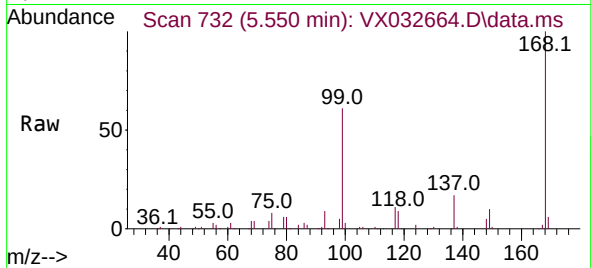




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032664.D
Acq: 08 Nov 2022 19:09

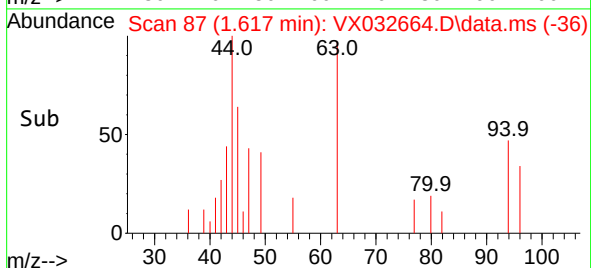
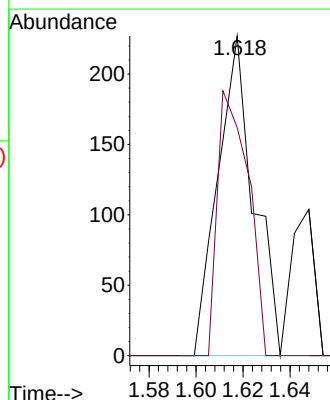
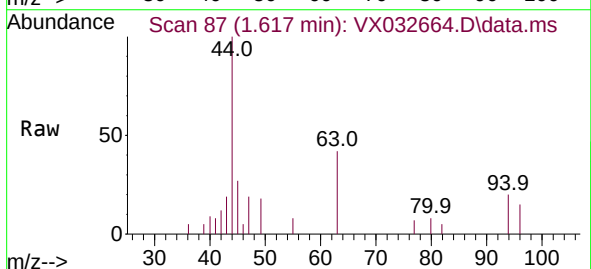
Instrument :
MSVOA_X
ClientSampleId :

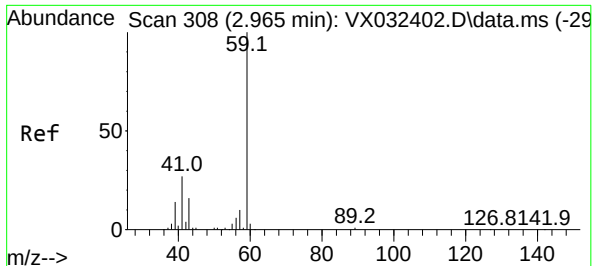
Tgt Ion:168 Resp: 111715
Ion Ratio Lower Upper
168 100
99 60.9 46.1 69.1



#5
Bromomethane
Concen: 0.253 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX032664.D
Acq: 08 Nov 2022 19:09

Tgt Ion: 94 Resp: 242
Ion Ratio Lower Upper
94 100
96 71.4 77.6 116.4#

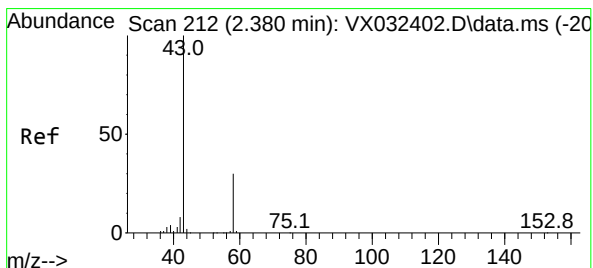
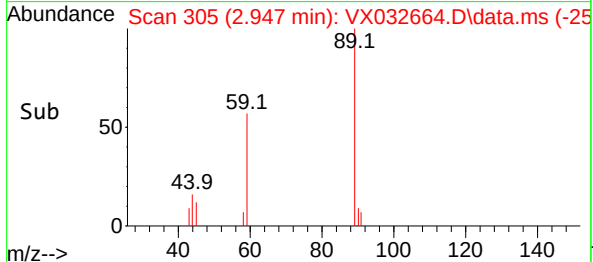
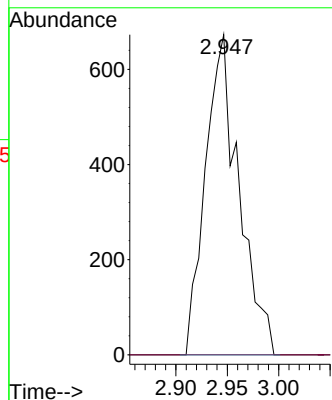
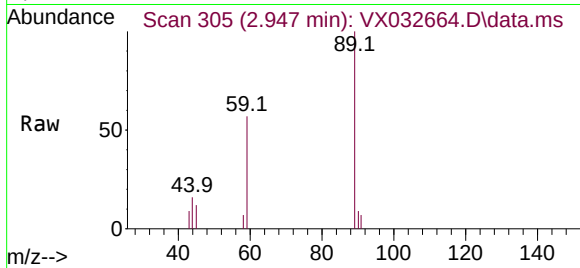




#11
Tert butyl alcohol
Concen: 6.741 ug/l
RT: 2.947 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX032664.D
Acq: 08 Nov 2022 19:09

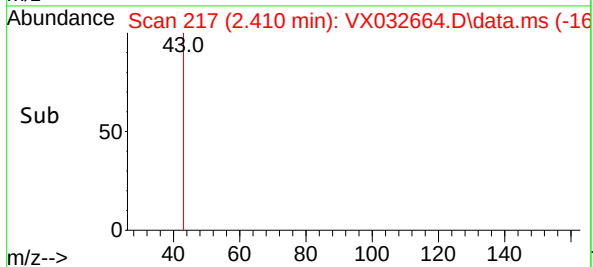
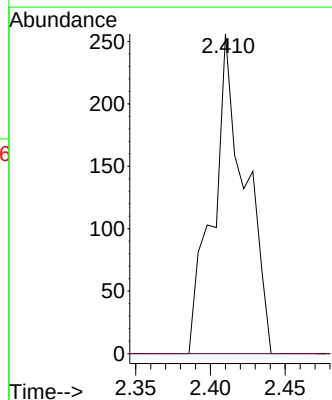
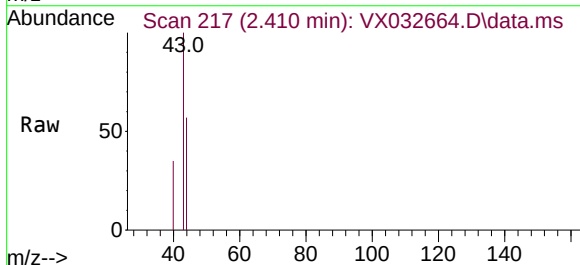
Instrument :
MSVOA_X
ClientSampleId :

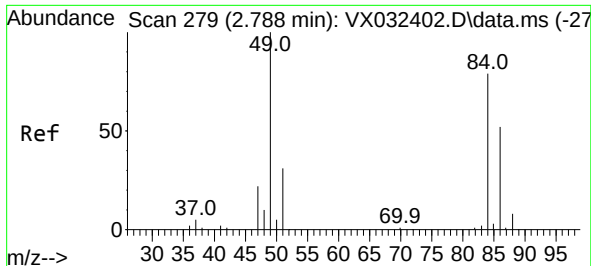
Tgt Ion: 59 Resp: 1523
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 0.677 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.030 min
Lab File: VX032664.D
Acq: 08 Nov 2022 19:09

Tgt Ion: 43 Resp: 382
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#





#20

Methylene Chloride

Concen: 2.059 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

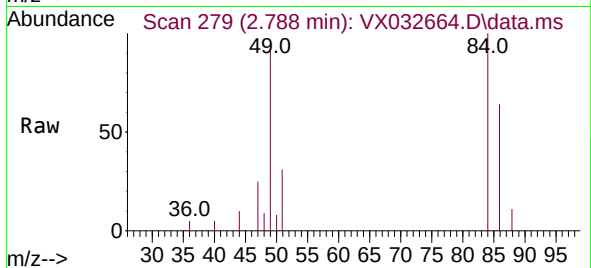
Lab File: VX032664.D

Acq: 08 Nov 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 2663

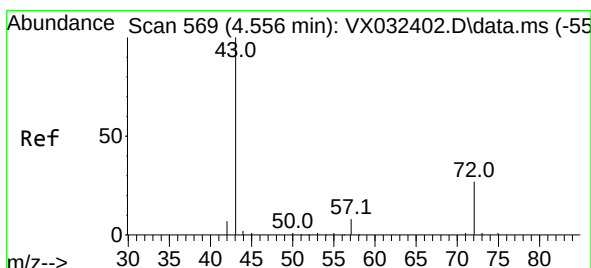
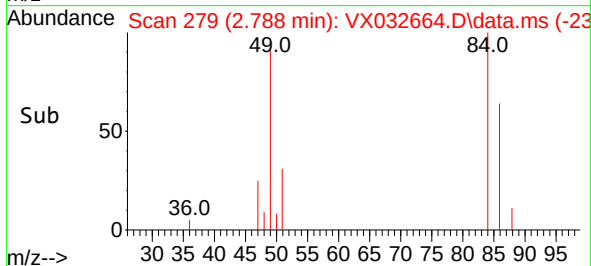
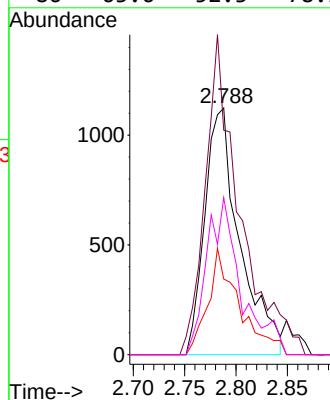
Ion Ratio Lower Upper

84 100

49 91.0 101.0 151.6#

51 30.7 31.1 46.7#

86 63.6 52.3 78.5



#25

2-Butanone

Concen: 1.168 ug/l

RT: 4.623 min Scan# 580

Delta R.T. 0.067 min

Lab File: VX032664.D

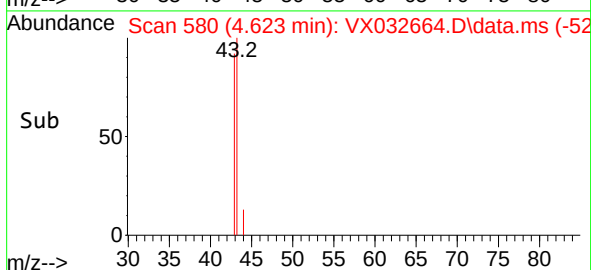
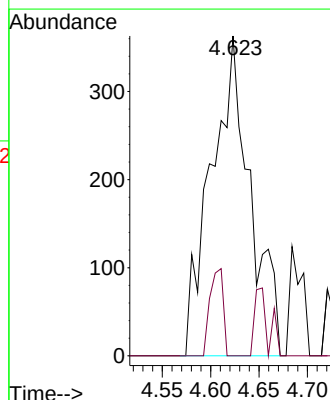
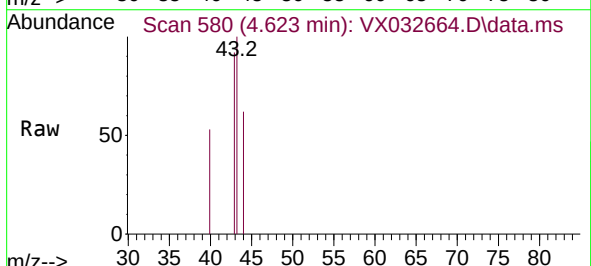
Acq: 08 Nov 2022 19:09

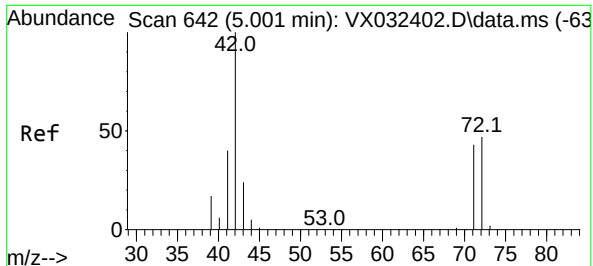
Tgt Ion: 43 Resp: 1021

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#





#29

Tetrahydrofuran

Concen: 0.556 ug/l

RT: 5.056 min Scan# 61

Delta R.T. 0.055 min

Lab File: VX032664.D

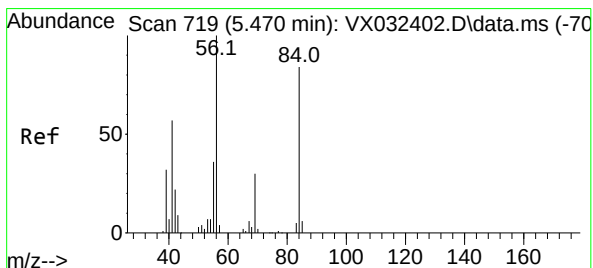
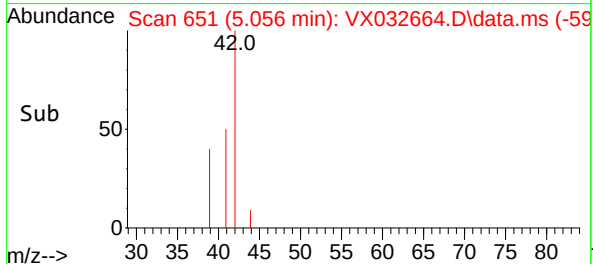
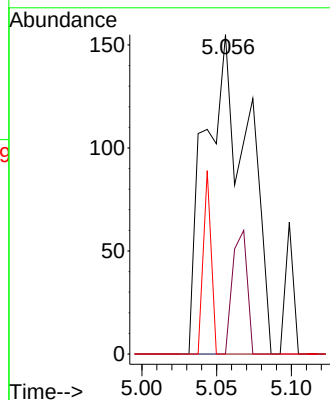
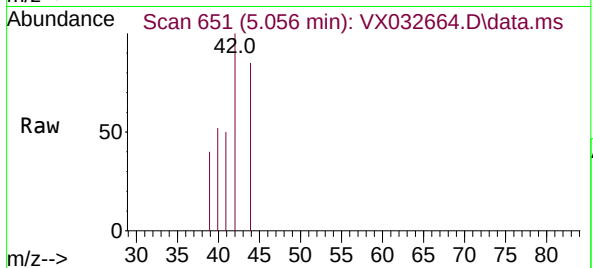
Acq: 08 Nov 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	310
Ion	Ratio	Lower	Upper
42	100		
72	13.2	37.6	56.4#
71	0.0	34.7	52.1#



#31

Cyclohexane

Concen: 1.358 ug/l

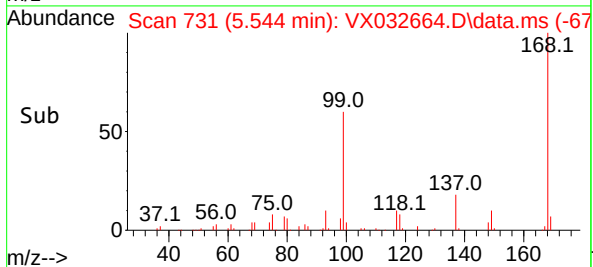
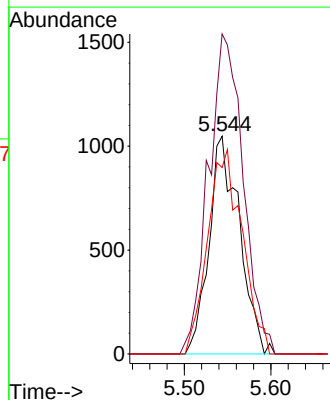
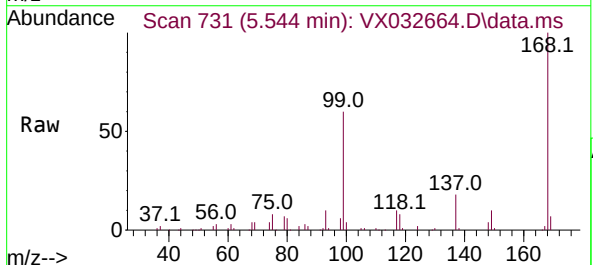
RT: 5.544 min Scan# 731

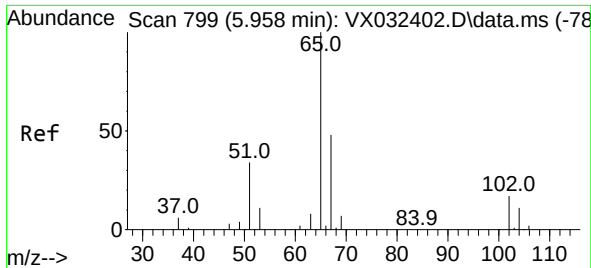
Delta R.T. 0.073 min

Lab File: VX032664.D

Acq: 08 Nov 2022 19:09

Tgt Ion:	56	Resp:	2555
Ion	Ratio	Lower	Upper
56	100		
69	146.9	24.1	36.1#
84	85.6	66.9	100.3

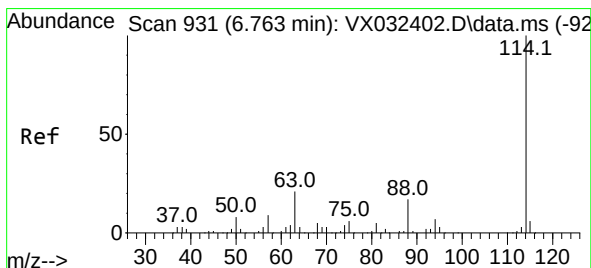
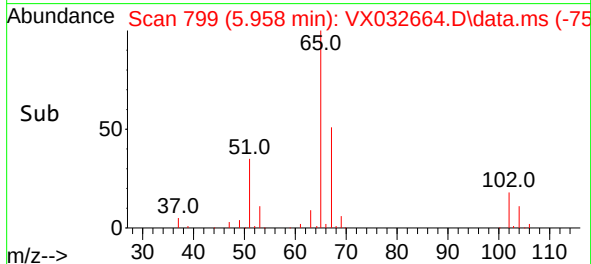
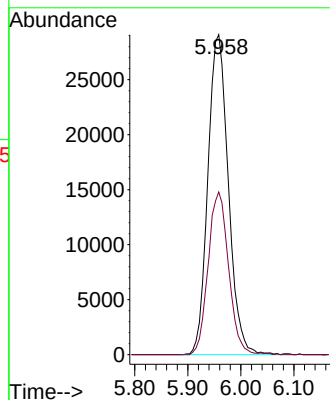
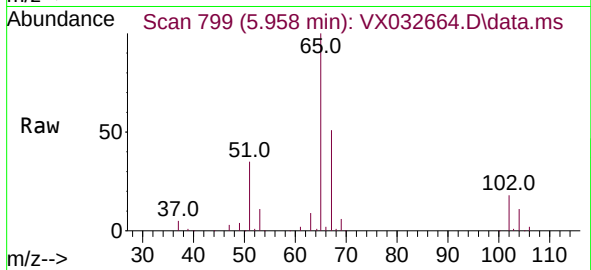




#33
 1,2-Dichloroethane-d4
 Concen: 50.259 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX032664.D
 Acq: 08 Nov 2022 19:09

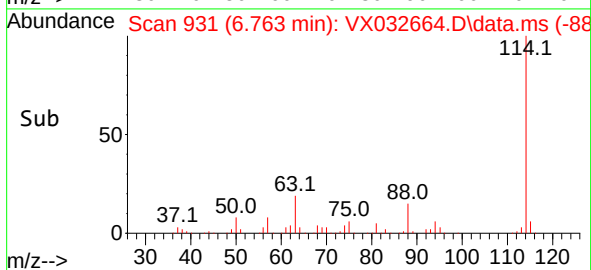
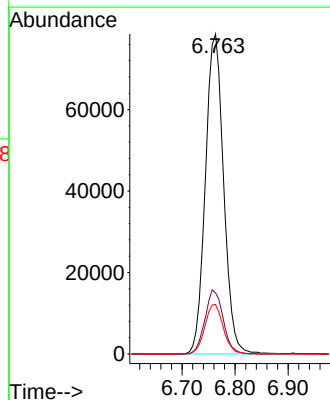
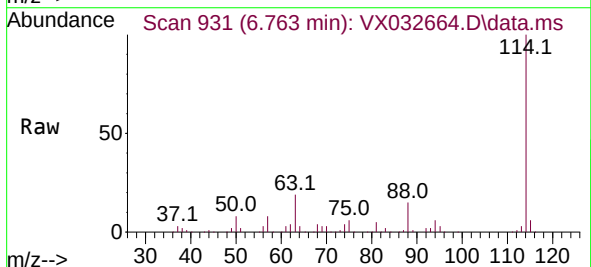
Instrument :
 MSVOA_X
 ClientSampleId :

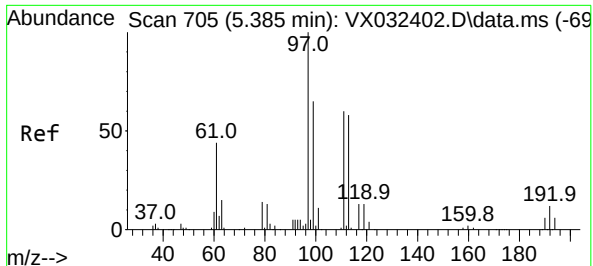
Tgt Ion: 65 Resp: 78014
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032664.D
 Acq: 08 Nov 2022 19:09

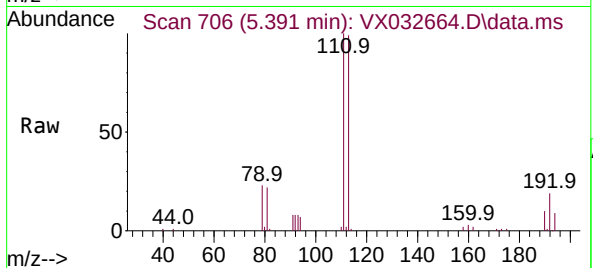
Tgt Ion: 114 Resp: 187388
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 41.6
 88 15.5 0.0 33.4



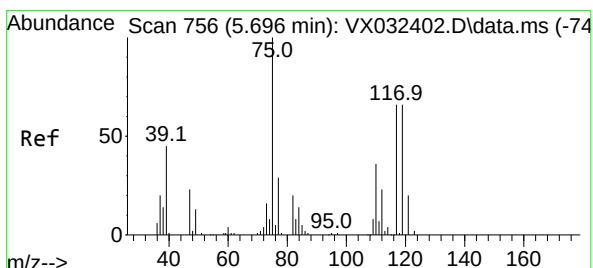
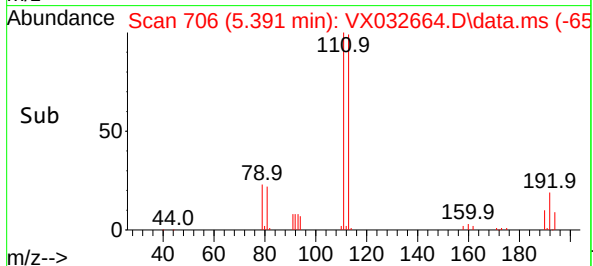
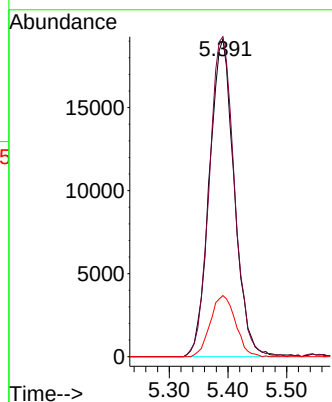


#35
Dibromofluoromethane
Concen: 41.940 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032664.D
Acq: 08 Nov 2022 19:09

Instrument :
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ClientSampleId :

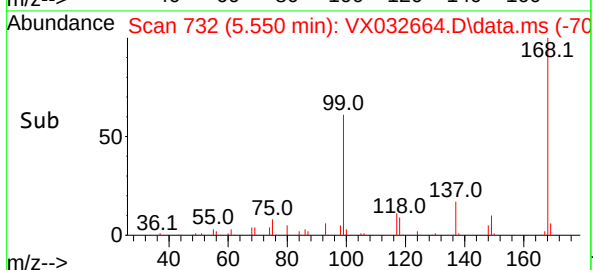
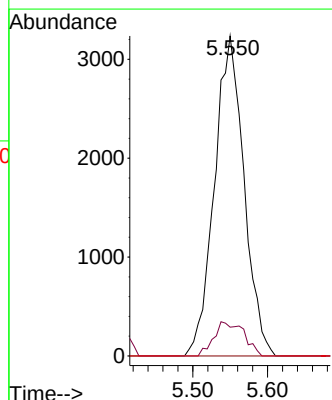
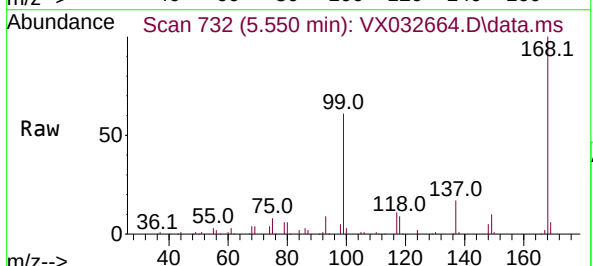


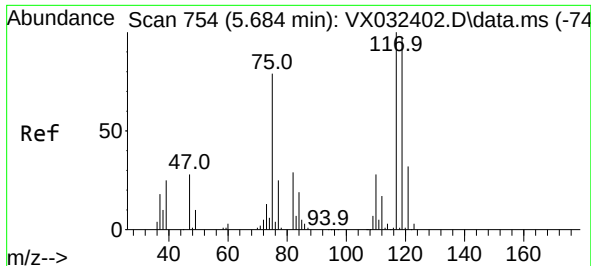
Tgt Ion:113 Resp: 56059
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 19.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.785 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032664.D
Acq: 08 Nov 2022 19:09

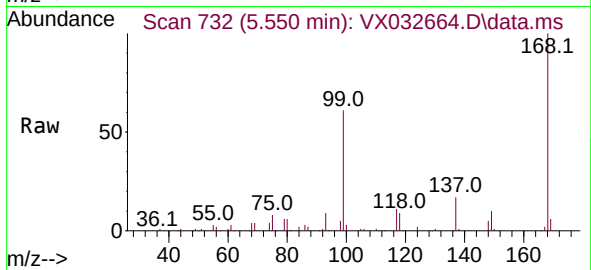
Tgt Ion: 75 Resp: 8906
Ion Ratio Lower Upper
75 100
110 10.9 18.4 55.2#
77 0.0 24.5 36.7#



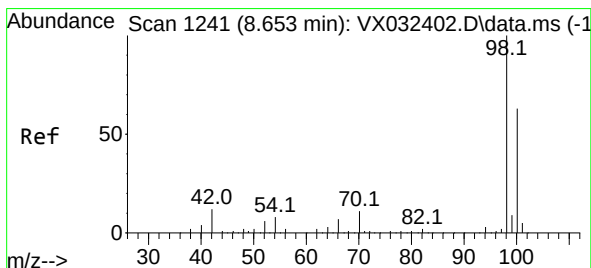
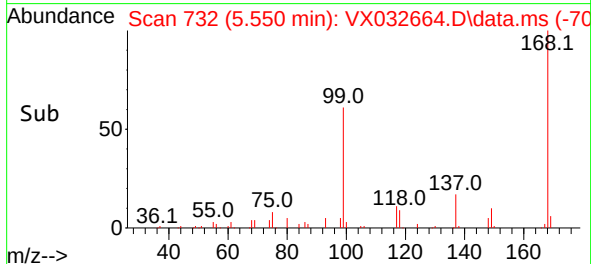
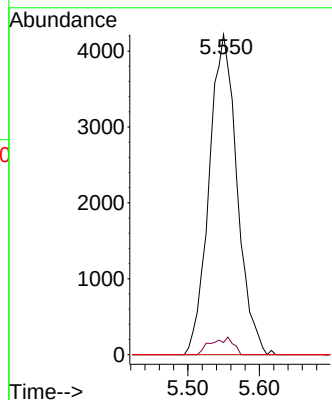


#38
Carbon Tetrachloride
Concen: 5.554 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032664.D
Acq: 08 Nov 2022 19:09

Instrument :
MSVOA_X
ClientSampleId :

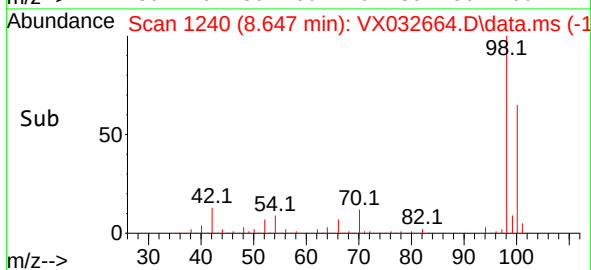
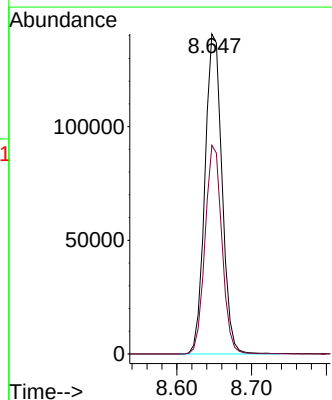
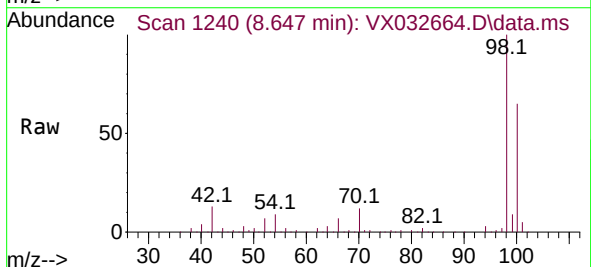


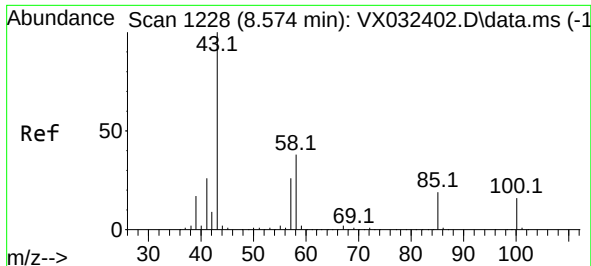
Tgt Ion:117 Resp: 11466
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.004 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032664.D
Acq: 08 Nov 2022 19:09

Tgt Ion: 98 Resp: 223117
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.564 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032664.D

Acq: 08 Nov 2022 19:09

Instrument :

MSVOA_X

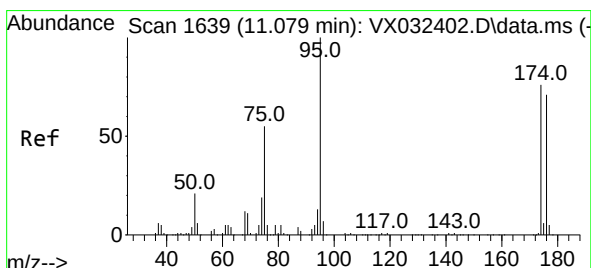
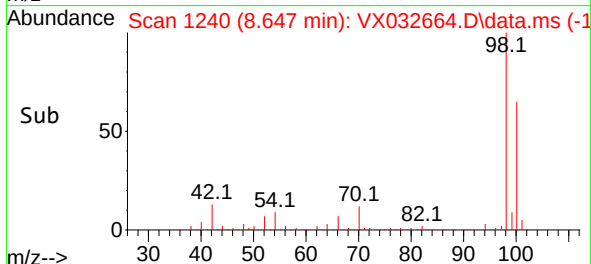
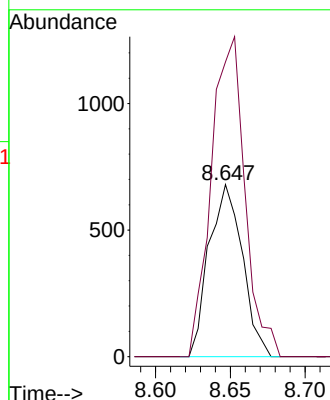
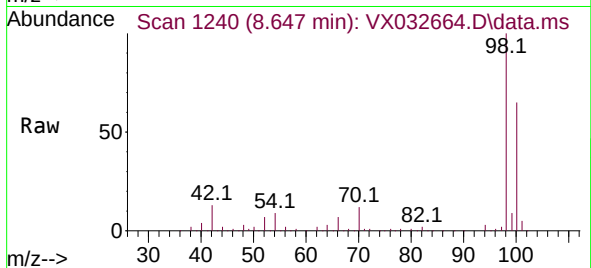
ClientSampleId :

Tgt Ion: 43 Resp: 1057

Ion Ratio Lower Upper

43 100

58 187.0 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 42.042 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX032664.D

Acq: 08 Nov 2022 19:09

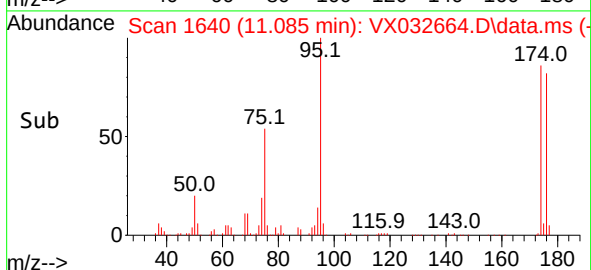
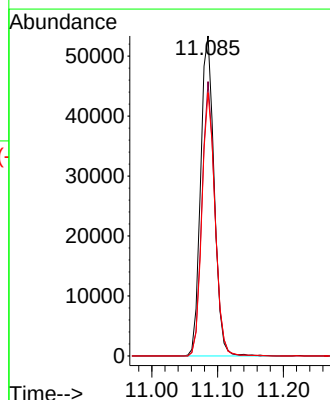
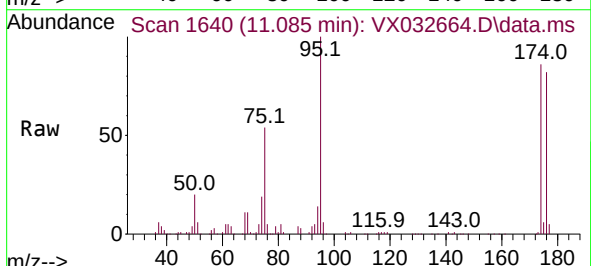
Tgt Ion: 95 Resp: 76330

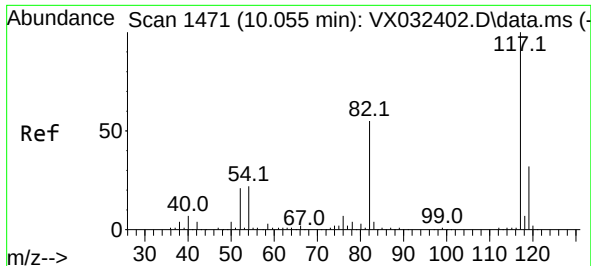
Ion Ratio Lower Upper

95 100

174 82.0 0.0 164.0

176 80.2 0.0 154.4

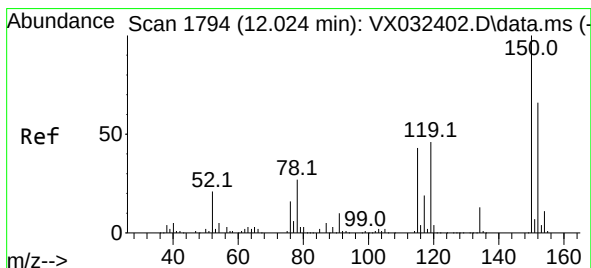
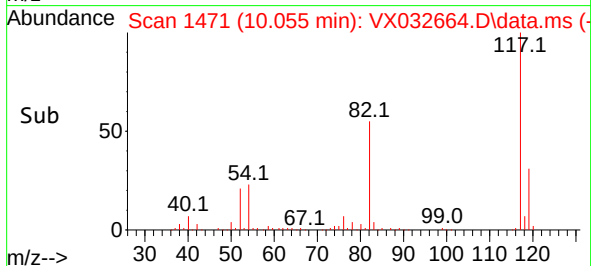
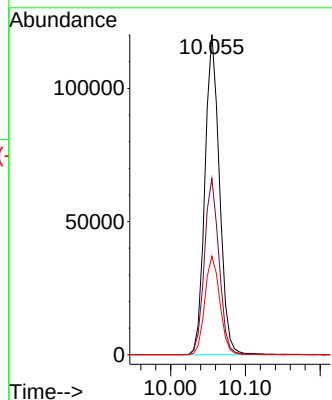
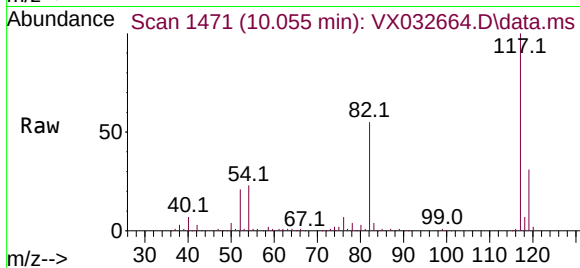




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032664.D
Acq: 08 Nov 2022 19:09

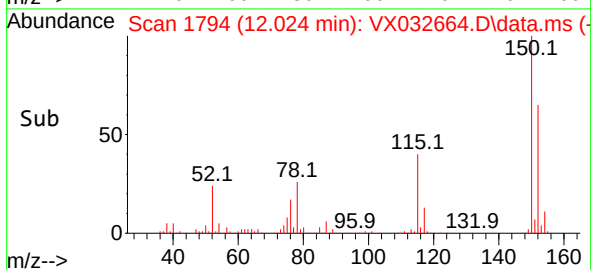
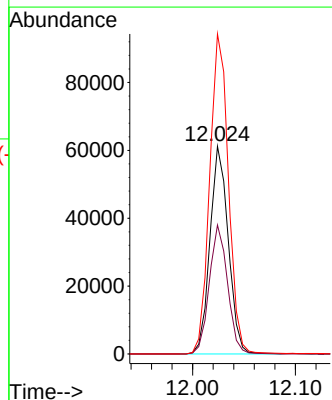
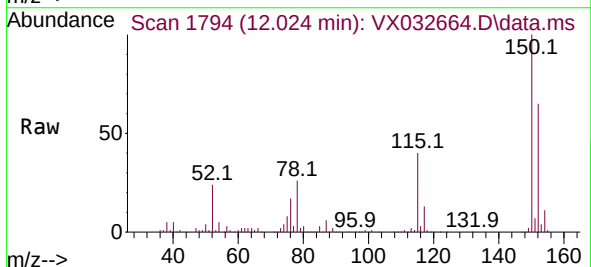
Instrument :
MSVOA_X
ClientSampleId :

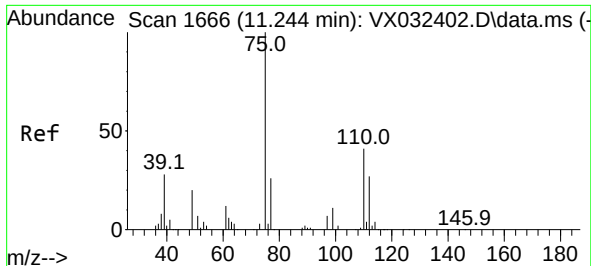
Tgt Ion:117 Resp: 162261
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 30.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032664.D
Acq: 08 Nov 2022 19:09

Tgt Ion:152 Resp: 75796
Ion Ratio Lower Upper
152 100
115 61.7 44.0 132.0
150 157.4 0.0 351.8

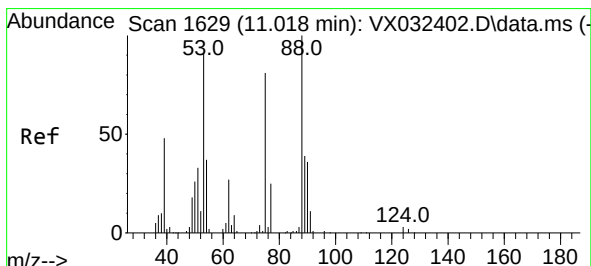
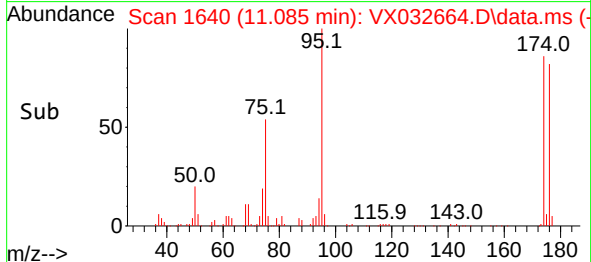
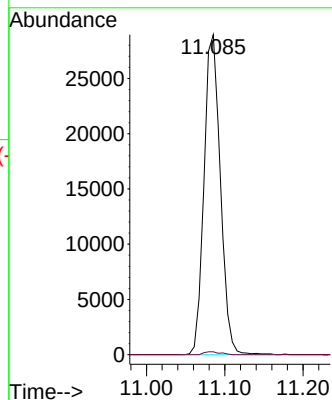
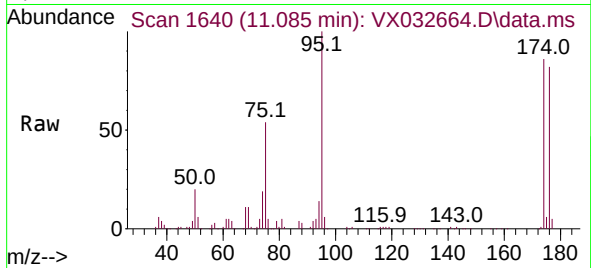




#76
1,2,3-Trichloropropane
Concen: 24.876 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX032664.D
Acq: 08 Nov 2022 19:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 41948
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.156 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX032664.D
Acq: 08 Nov 2022 19:09

Tgt Ion: 75 Resp: 41948
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

