

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032663.D
 Acq On : 08 Nov 2022 18:46
 Operator : JC/MD
 Sample : N5310-15ME
 Misc : 5.03g/10ml/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 09 04:41:41 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)

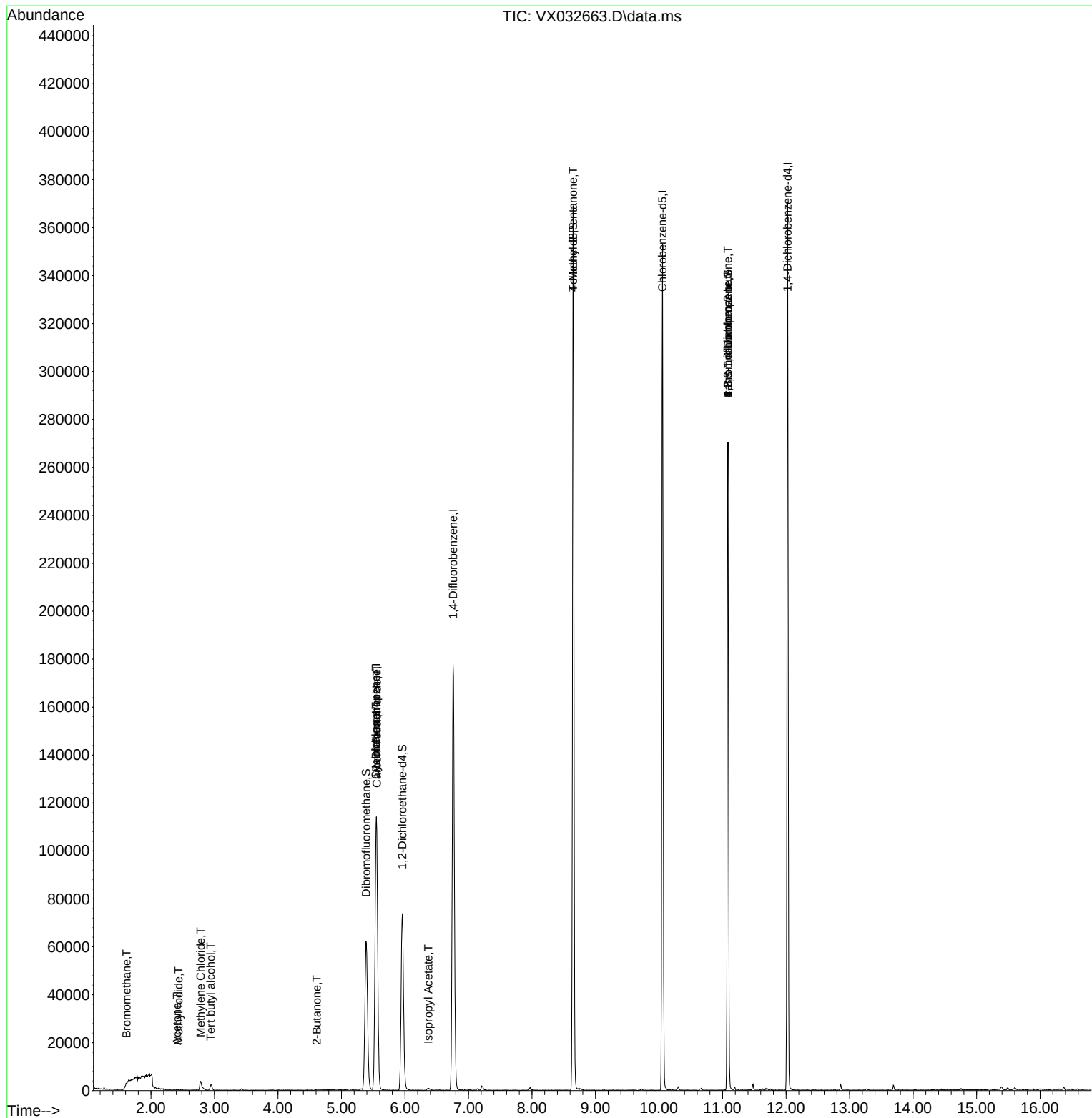
Internal Standards						
1) Pentafluorobenzene	5.550	168	109341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	179928	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75021	49.380	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.760%		
35) Dibromofluoromethane	5.385	113	53840	41.950	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	83.900%		
50) Toluene-d8	8.647	98	214207	47.998	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.000%		
62) 4-Bromofluorobenzene	11.085	95	73510	42.168	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.340%		
Target Compounds						Qvalue
5) Bromomethane	1.617	94	383	0.408	ug/l #	79
10) Methyl Iodide	2.434	142	19	1.930	ug/l #	37
11) Tert butyl alcohol	2.940	59	1514	6.847	ug/l #	72
16) Acetone	2.410	43	308	0.558	ug/l #	45
20) Methylene Chloride	2.782	84	2362	1.866	ug/l #	86
25) 2-Butanone	4.611	43	966	1.129	ug/l #	47
31) Cyclohexane	5.544	56	2455	1.333	ug/l #	34
36) 1,1-Dichloropropene	5.544	75	8775	4.910	ug/l #	49
38) Carbon Tetrachloride	5.556	117	11394	5.748	ug/l #	15
43) Isopropyl Acetate	6.367	43	589	0.206	ug/l #	61
51) 4-Methyl-2-Pentanone	8.647	43	1032	0.574	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	40420	24.314	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	40420	77.367	ug/l #	6

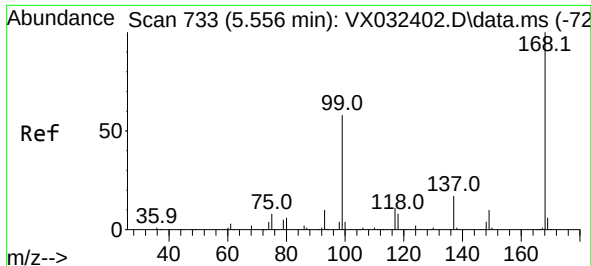
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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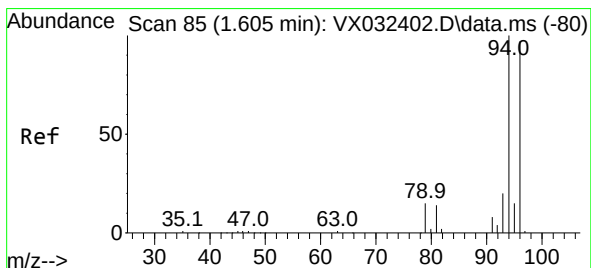
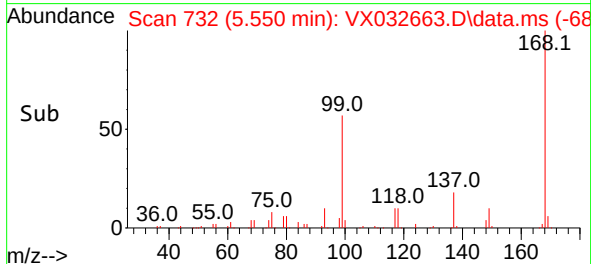
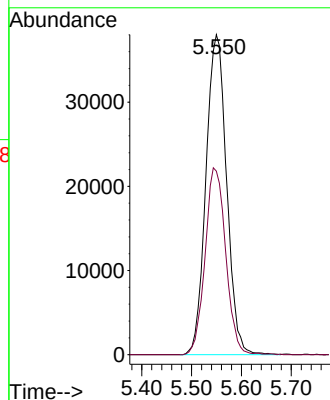
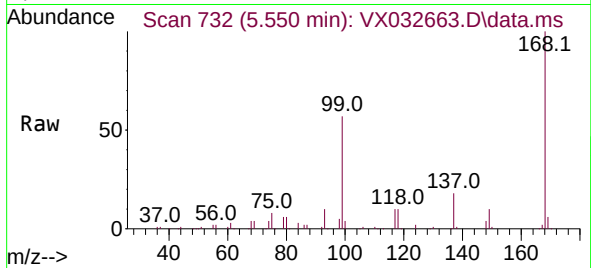




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032663.D
Acq: 08 Nov 2022 18:46

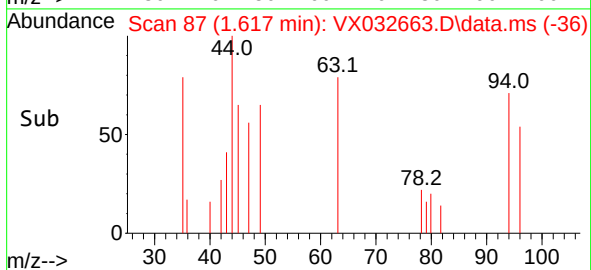
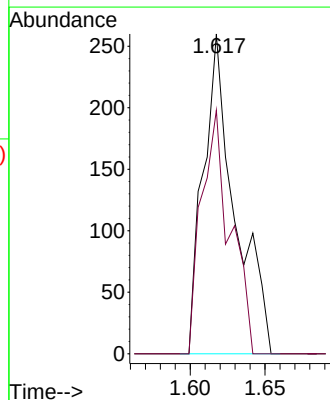
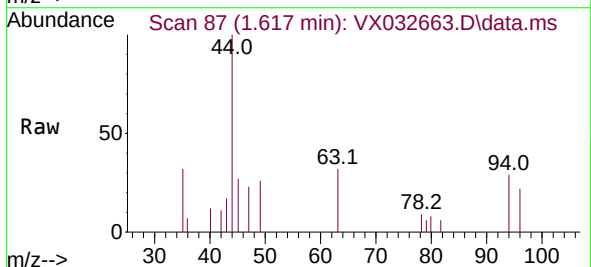
Instrument :
MSVOA_X
ClientSampleId :

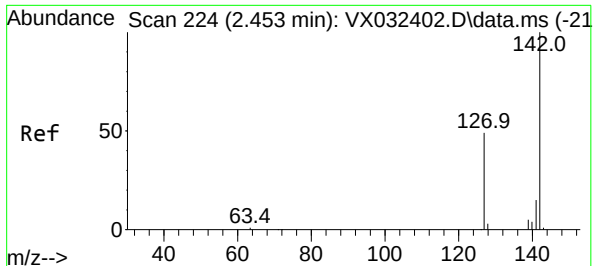
Tgt Ion:168 Resp: 109341
Ion Ratio Lower Upper
168 100
99 57.4 46.1 69.1



#5
Bromomethane
Concen: 0.408 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX032663.D
Acq: 08 Nov 2022 18:46

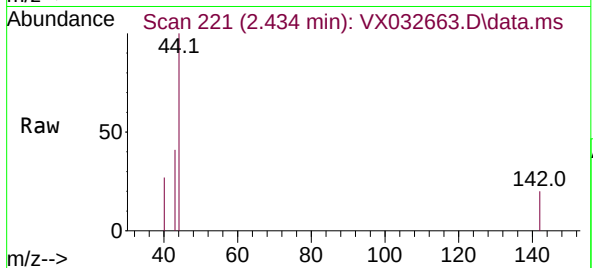
Tgt Ion: 94 Resp: 383
Ion Ratio Lower Upper
94 100
96 76.2 77.6 116.4#



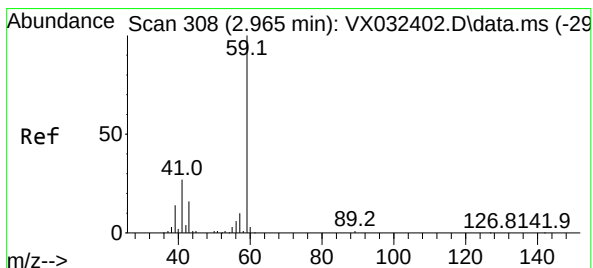
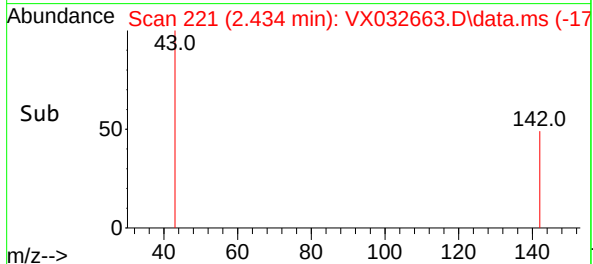
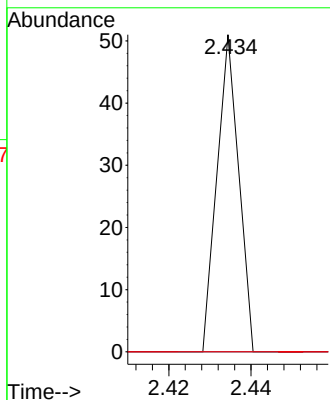


#10
Methyl Iodide
Concen: 1.930 ug/l
RT: 2.434 min Scan# 21
Delta R.T. -0.019 min
Lab File: VX032663.D
Acq: 08 Nov 2022 18:46

Instrument :
MSVOA_X
ClientSampleId :

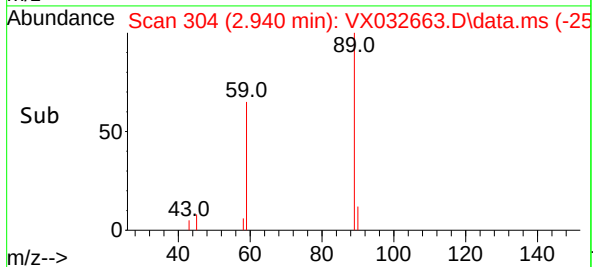
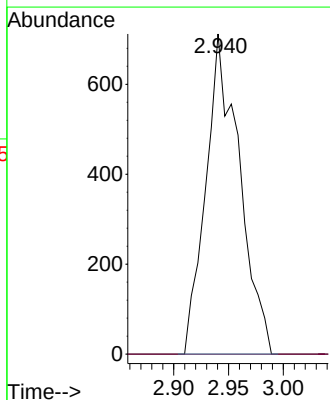
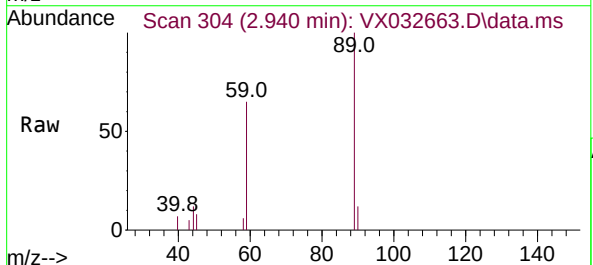


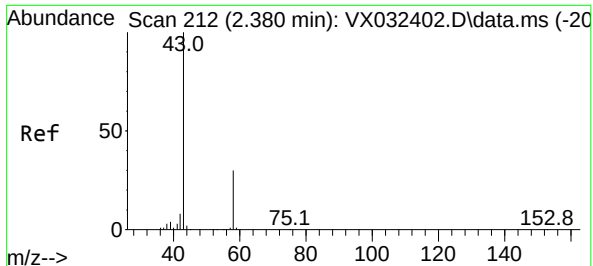
Tgt Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 6.847 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032663.D
Acq: 08 Nov 2022 18:46

Tgt Ion: 59 Resp: 1514
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

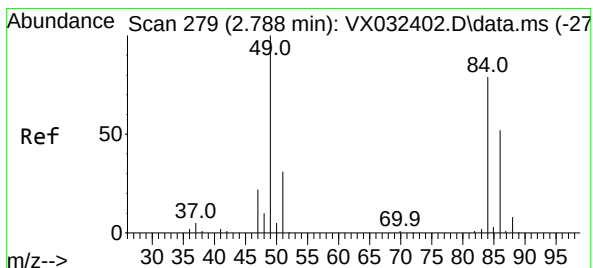
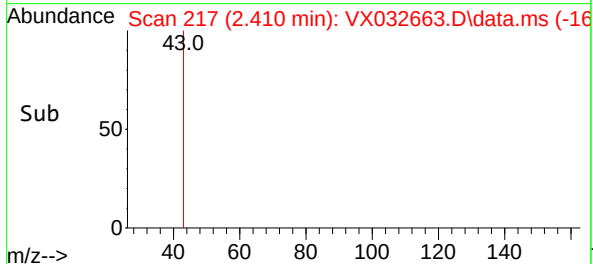
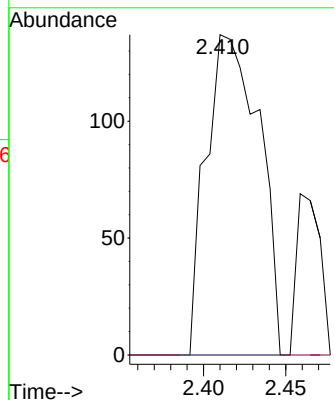
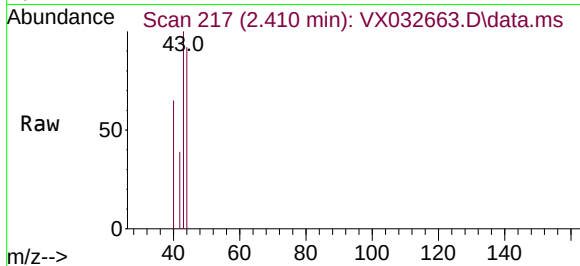




#16
Acetone
Concen: 0.558 ug/l
RT: 2.410 min Scan# 21
Delta R.T. 0.030 min
Lab File: VX032663.D
Acq: 08 Nov 2022 18:46

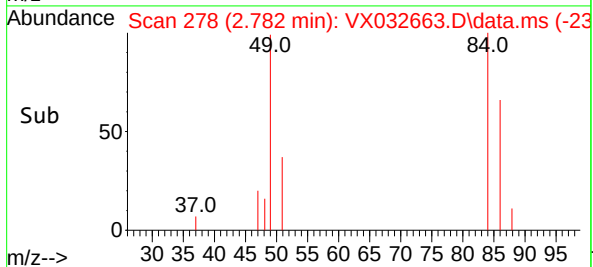
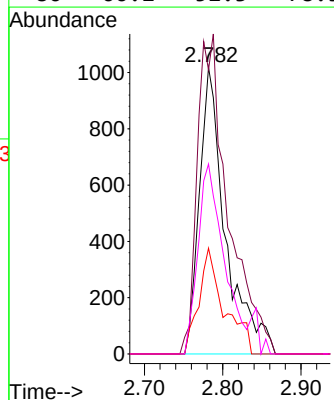
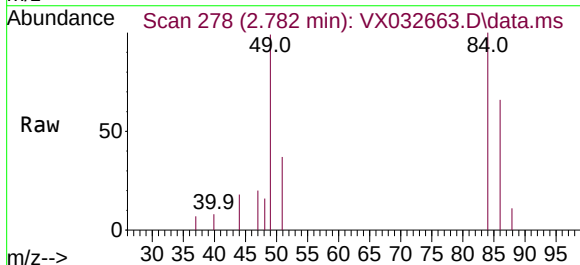
Instrument :
MSVOA_X
ClientSampleId :

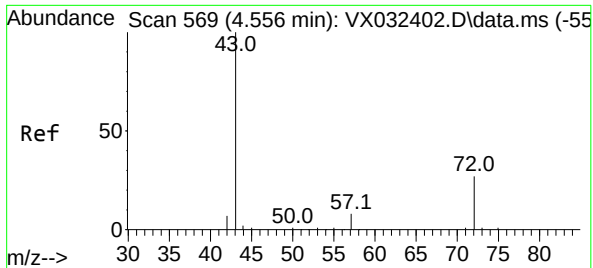
Tgt Ion: 43 Resp: 308
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: 1.866 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX032663.D
Acq: 08 Nov 2022 18:46

Tgt Ion: 84 Resp: 2362
Ion Ratio Lower Upper
84 100
49 99.0 101.0 151.6#
51 36.9 31.1 46.7
86 66.2 52.3 78.5





#25

2-Butanone

Concen: 1.129 ug/l

RT: 4.611 min Scan# 51

Delta R.T. 0.055 min

Lab File: VX032663.D

Acq: 08 Nov 2022 18:46

Instrument :

MSVOA_X

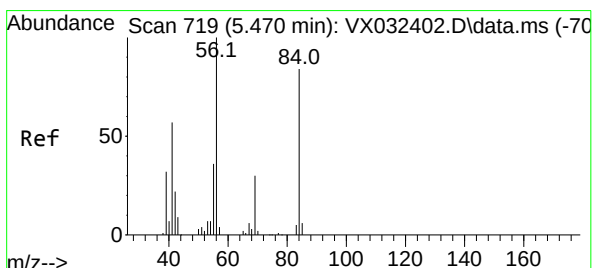
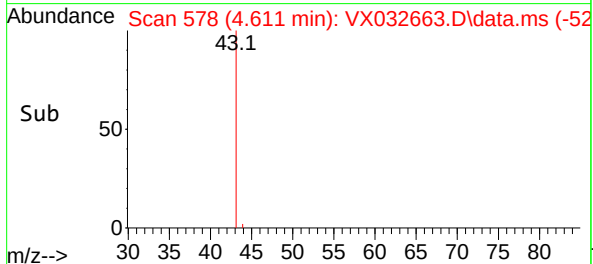
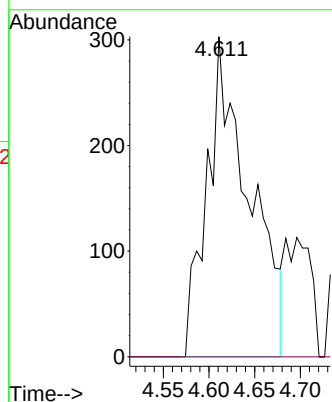
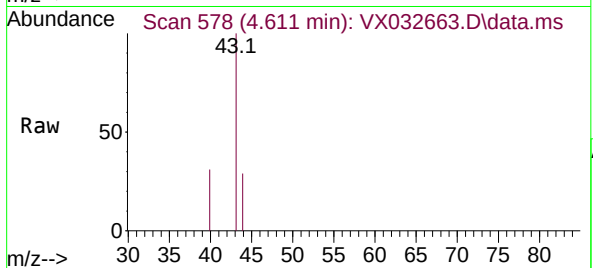
ClientSampleId :

Tgt Ion: 43 Resp: 966

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#



#31

Cyclohexane

Concen: 1.333 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX032663.D

Acq: 08 Nov 2022 18:46

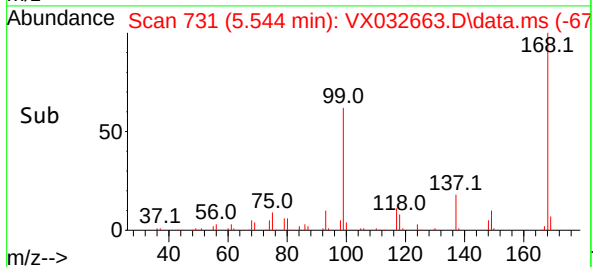
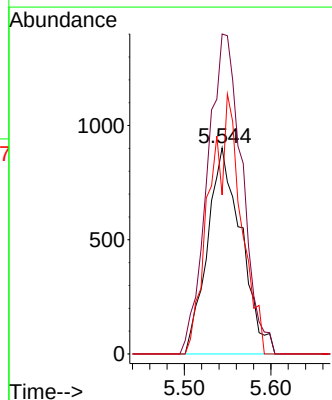
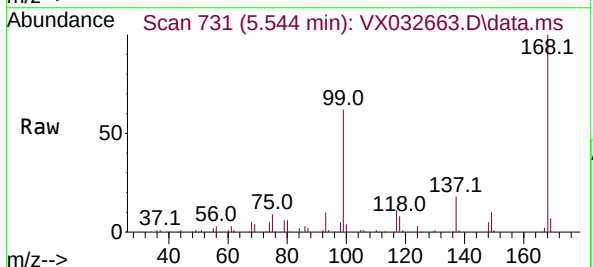
Tgt Ion: 56 Resp: 2455

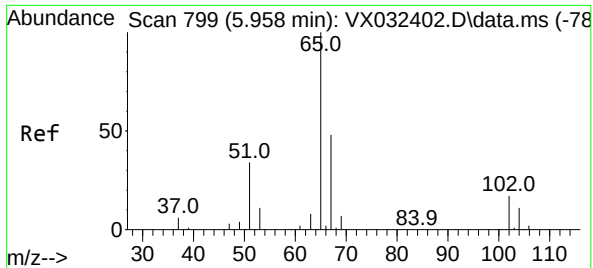
Ion Ratio Lower Upper

56 100

69 155.3 24.1 36.1#

84 77.2 66.9 100.3

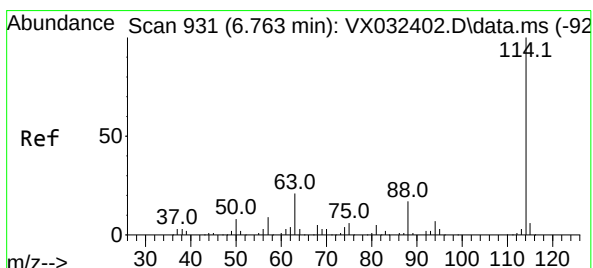
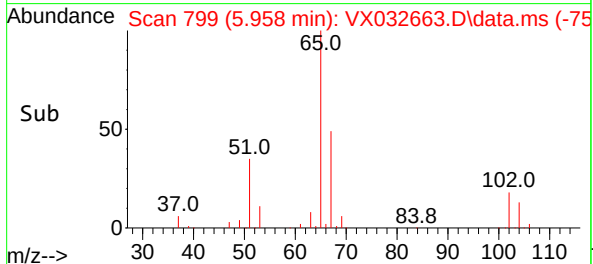
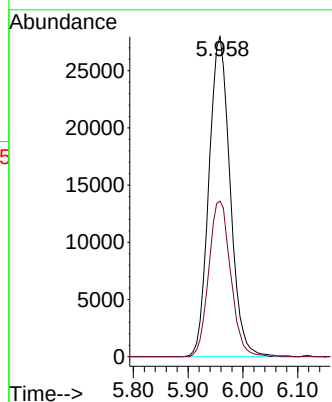
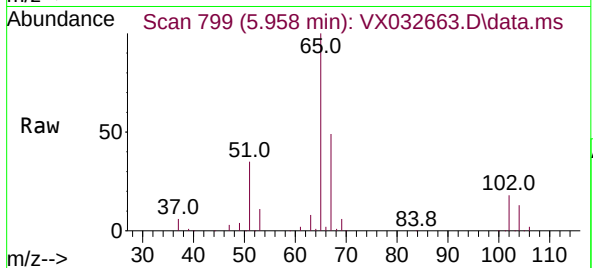




#33
 1,2-Dichloroethane-d4
 Concen: 49.380 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX032663.D
 Acq: 08 Nov 2022 18:46

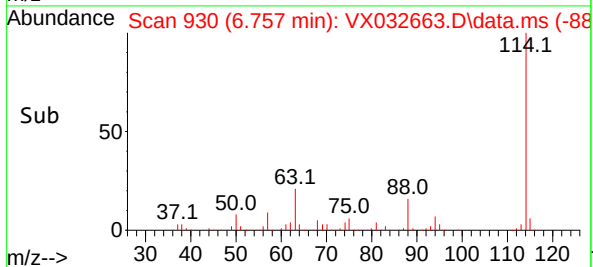
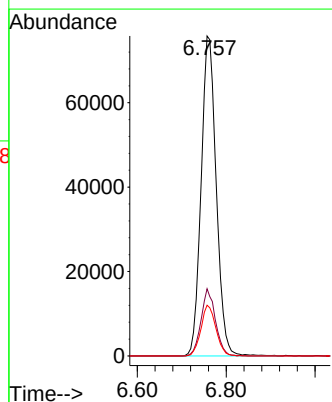
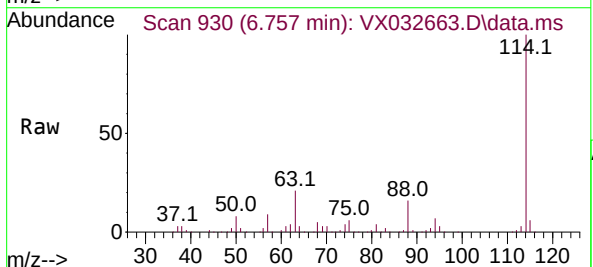
Instrument :
 MSVOA_X
 ClientSampleId :

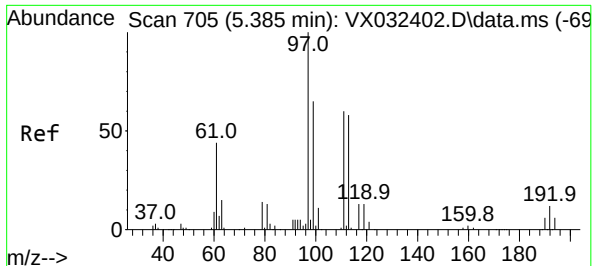
Tgt Ion: 65 Resp: 75021
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX032663.D
 Acq: 08 Nov 2022 18:46

Tgt Ion: 114 Resp: 179928
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.6
 88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 41.950 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

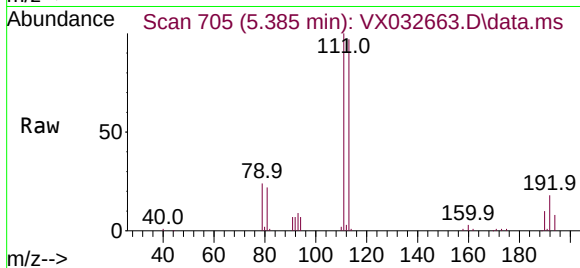
Lab File: VX032663.D

Acq: 08 Nov 2022 18:46

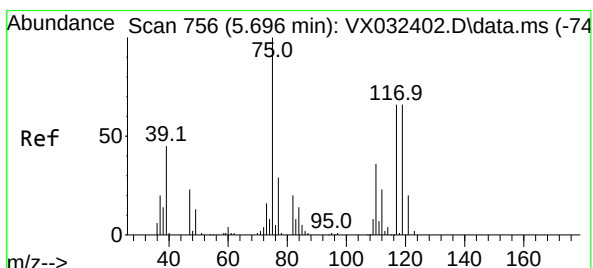
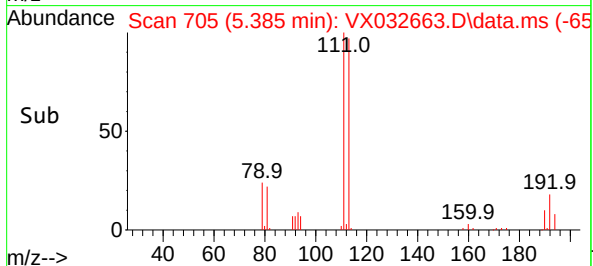
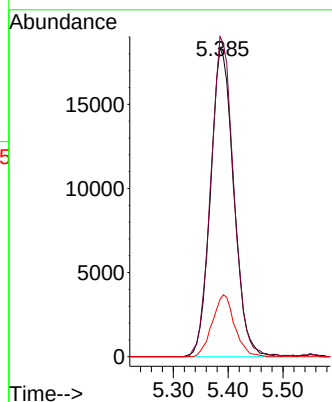
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	113	Resp:	53840
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	19.3	15.4	23.2



#36

1,1-Dichloropropene

Concen: 4.910 ug/l

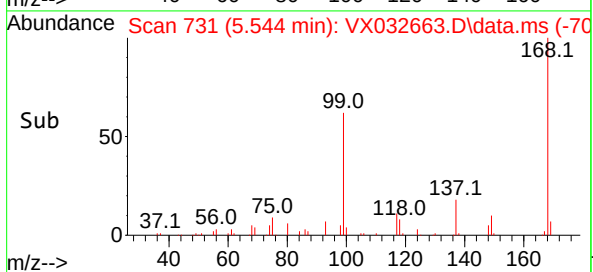
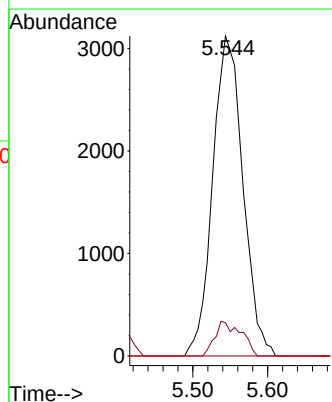
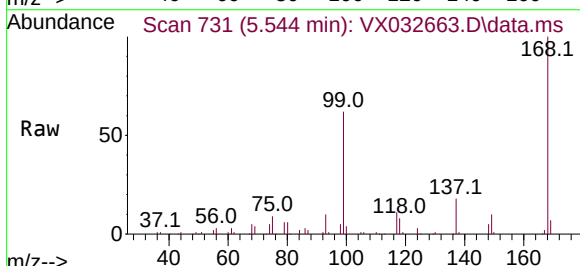
RT: 5.544 min Scan# 731

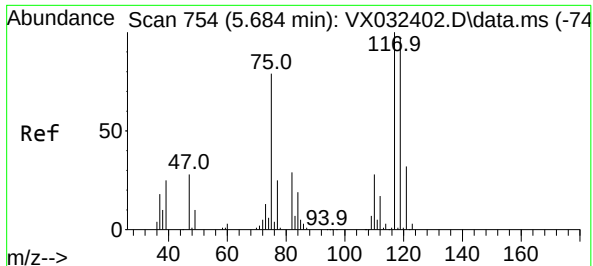
Delta R.T. -0.152 min

Lab File: VX032663.D

Acq: 08 Nov 2022 18:46

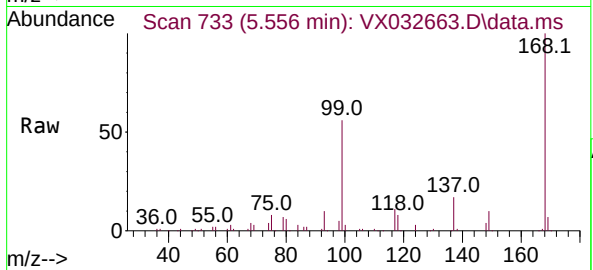
Tgt Ion:	75	Resp:	8775
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.4	55.2#
77	0.0	24.5	36.7#



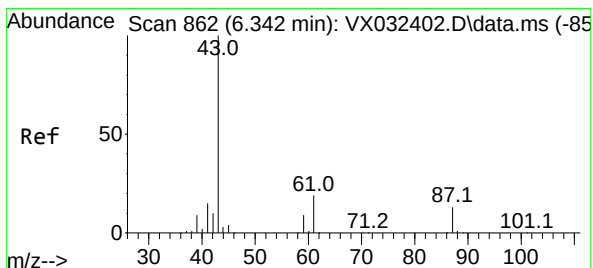
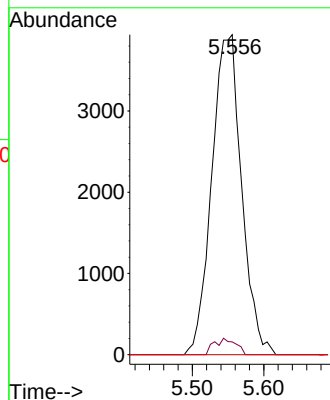
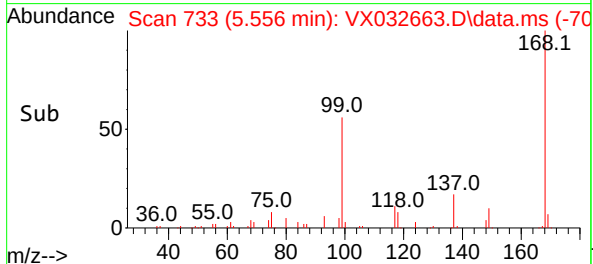


#38
Carbon Tetrachloride
Concen: 5.748 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX032663.D
Acq: 08 Nov 2022 18:46

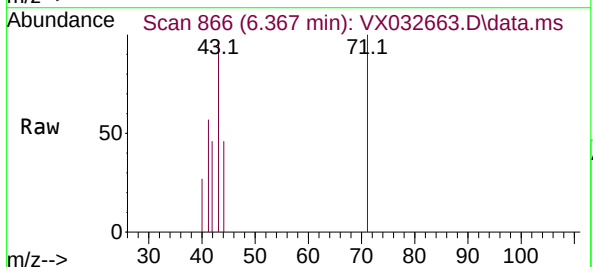
Instrument :
MSVOA_X
ClientSampleId :



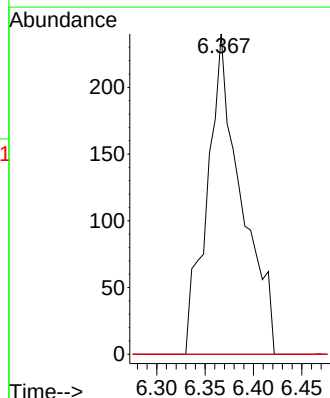
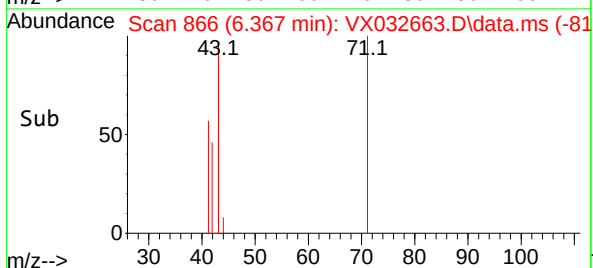
Tgt Ion:117 Resp: 11394
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 25.8 38.6#

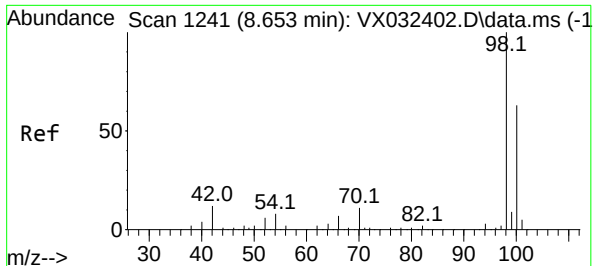


#43
Isopropyl Acetate
Concen: 0.206 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.024 min
Lab File: VX032663.D
Acq: 08 Nov 2022 18:46



Tgt Ion: 43 Resp: 589
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 0.0 10.8 16.2#

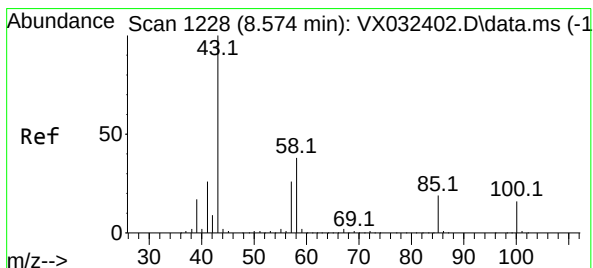
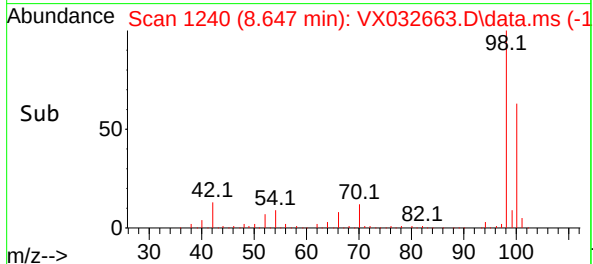
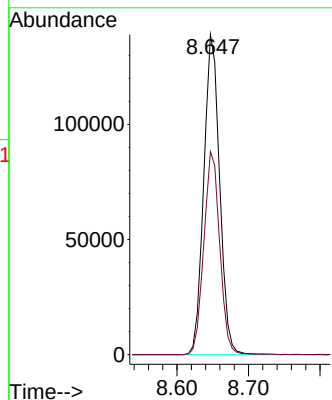
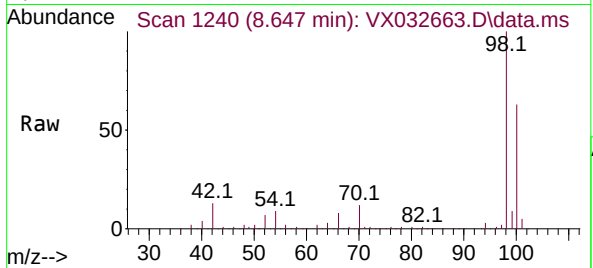




#50
Toluene-d8
Concen: 47.998 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032663.D
Acq: 08 Nov 2022 18:46

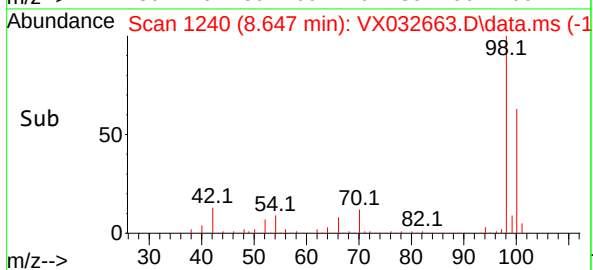
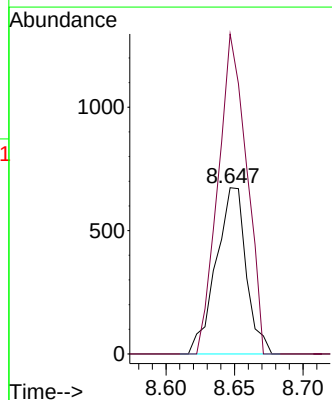
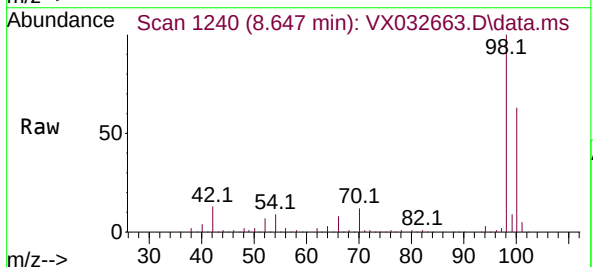
Instrument :
MSVOA_X
ClientSampleId :

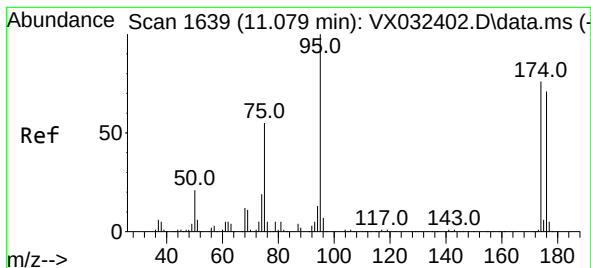
Tgt Ion: 98 Resp: 214207
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.574 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032663.D
Acq: 08 Nov 2022 18:46

Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
58 182.0 30.9 46.3#

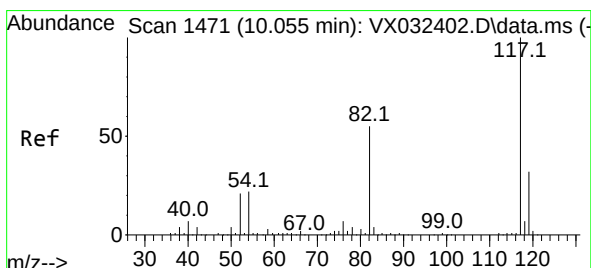
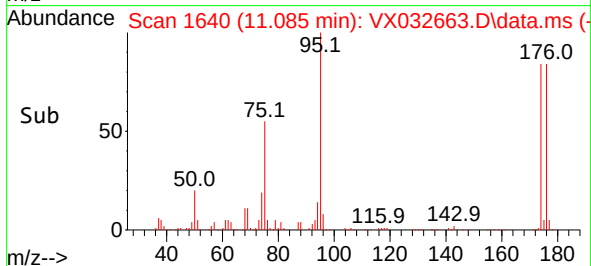
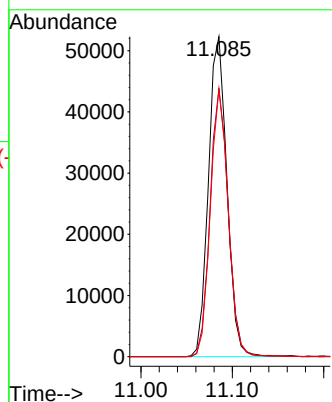
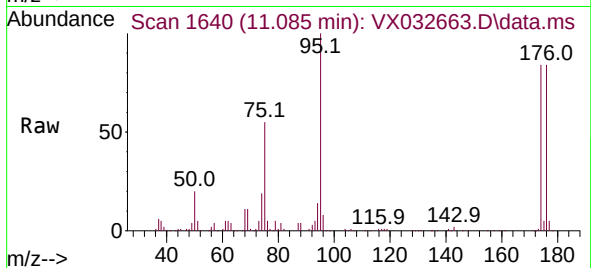




#62
4-Bromofluorobenzene
Concen: 42.168 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX032663.D
Acq: 08 Nov 2022 18:46

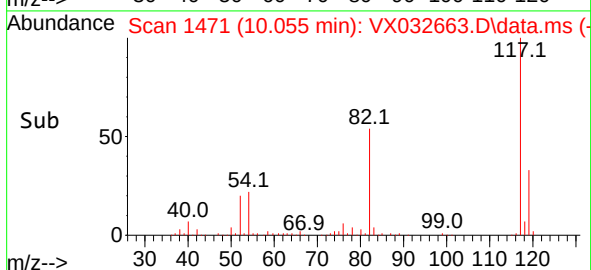
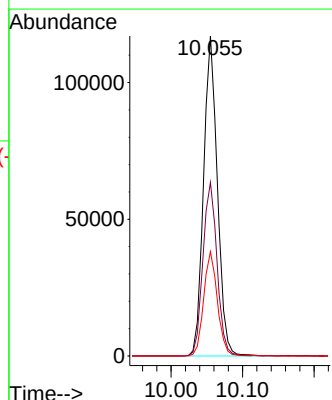
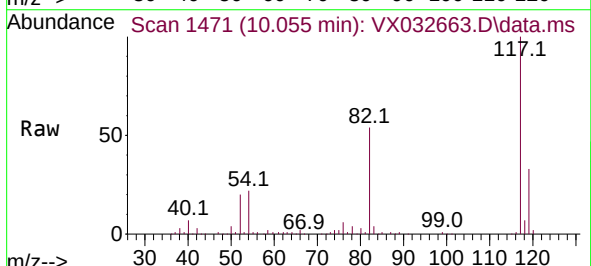
Instrument :
MSVOA_X
ClientSampleId :

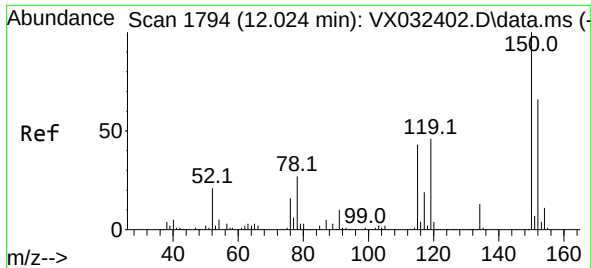
Tgt Ion: 95 Resp: 73510
Ion Ratio Lower Upper
95 100
174 82.1 0.0 164.0
176 80.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032663.D
Acq: 08 Nov 2022 18:46

Tgt Ion: 117 Resp: 157031
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 32.6 25.7 38.5

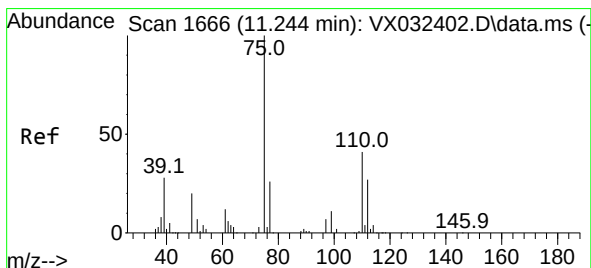
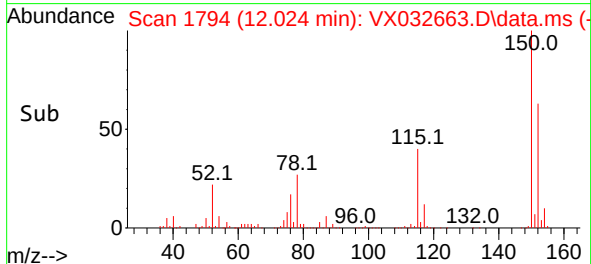
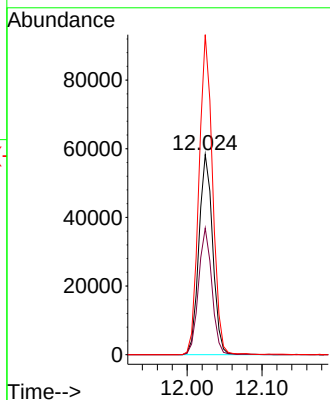
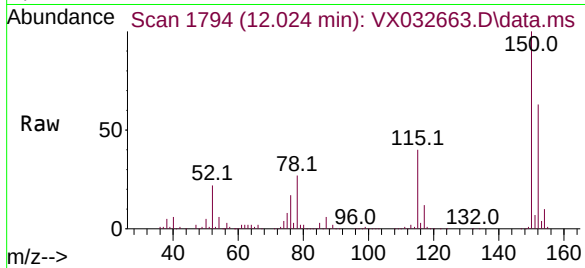




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032663.D
 Acq: 08 Nov 2022 18:46

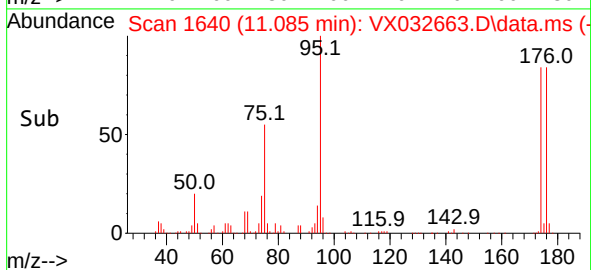
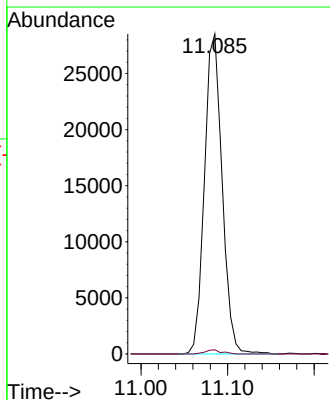
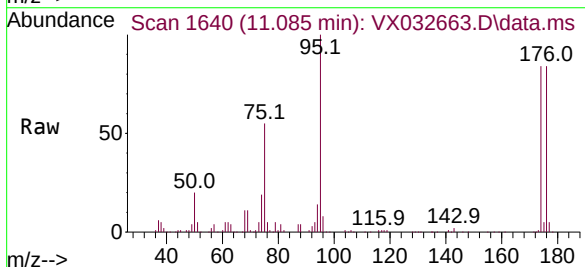
Instrument :
 MSVOA_X
 ClientSampleId :

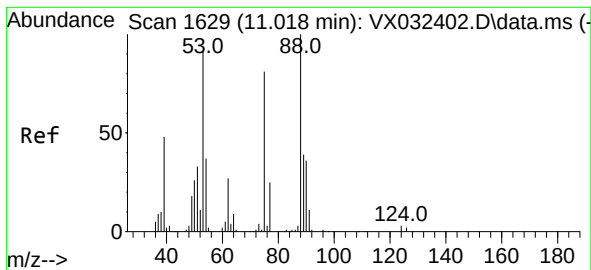
Tgt Ion:152 Resp: 74724
 Ion Ratio Lower Upper
 152 100
 115 61.2 44.0 132.0
 150 157.4 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 24.314 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX032663.D
 Acq: 08 Nov 2022 18:46

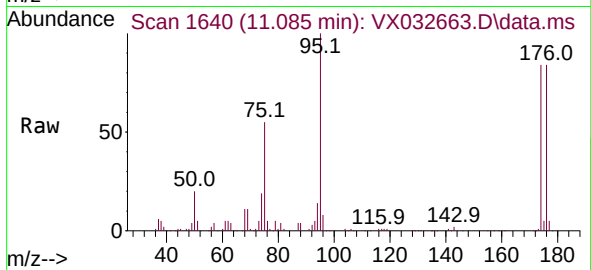
Tgt Ion: 75 Resp: 40420
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.367 ug/l
 RT: 11.085 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX032663.D
 Acq: 08 Nov 2022 18:46

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 40420
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

