

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044200.D
 Acq On : 10 Dec 2024 11:59
 Operator : JC/MD
 Sample : P5164-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 11 01:28:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

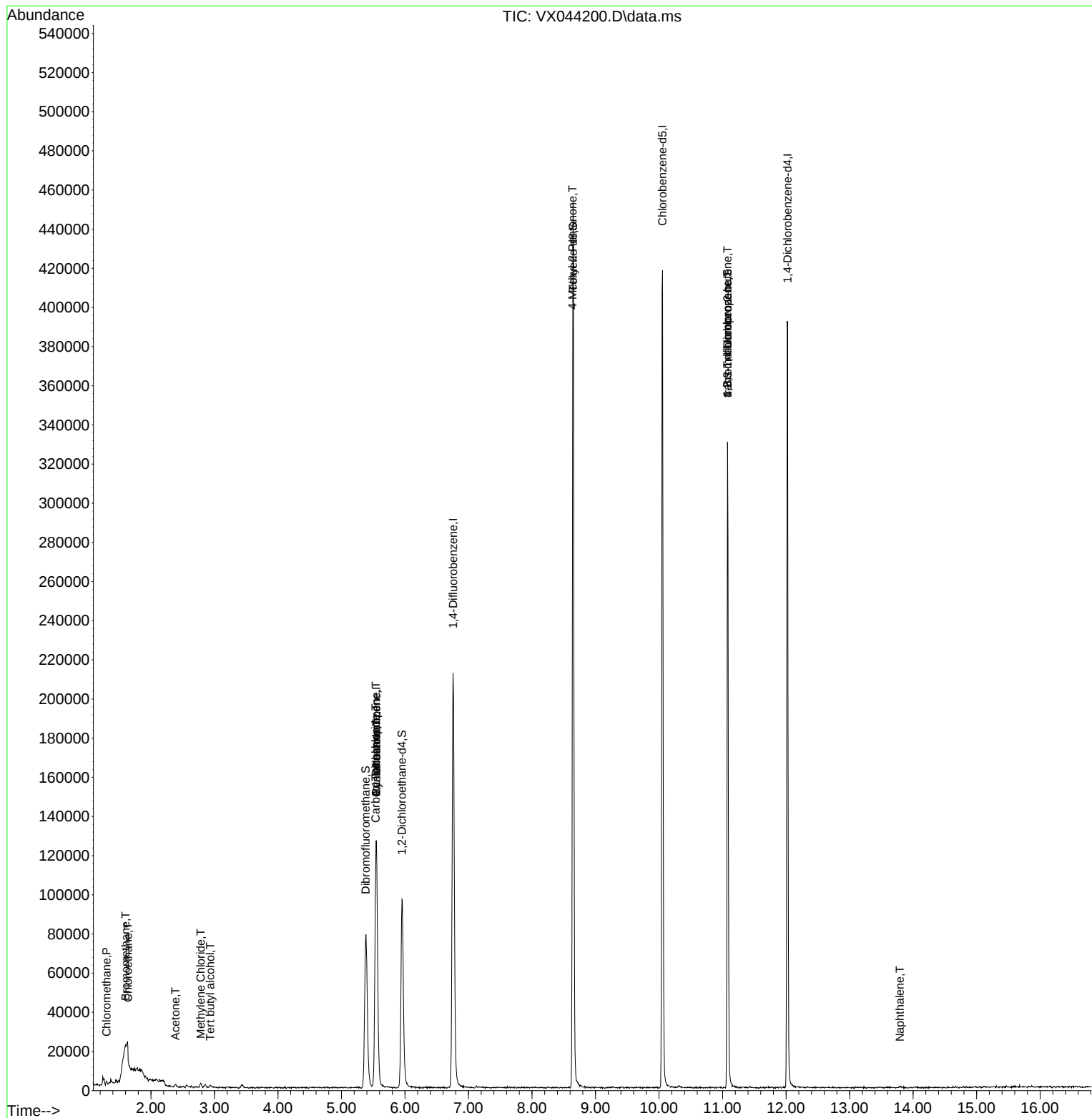
Internal Standards						
1) Pentafluorobenzene	5.550	168	112437	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	211530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95552	49.548	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.100%
35) Dibromofluoromethane	5.379	113	68775	45.501	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.000%
50) Toluene-d8	8.647	98	255312	49.002	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.000%
62) 4-Bromofluorobenzene	11.079	95	85535	48.238	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.480%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	1780	1.188	ug/l #	78
5) Bromomethane	1.599	94	501	0.511	ug/l #	76
6) Chloroethane	1.636	64	535	0.551	ug/l #	71
11) Tert butyl alcohol	2.934	59	679	2.194	ug/l #	73
16) Acetone	2.386	43	1228	1.386	ug/l	94
20) Methylene Chloride	2.782	84	872	0.580	ug/l #	47
31) Cyclohexane	5.550	56	3306	1.538	ug/l #	38
36) 1,1-Dichloropropene	5.544	75	9869	5.240	ug/l #	50
38) Carbon Tetrachloride	5.538	117	13122	6.200	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1412	0.622	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49592	29.462	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	49592	80.396	ug/l #	6
95) Naphthalene	13.792	128	1149	0.209	ug/l #	70

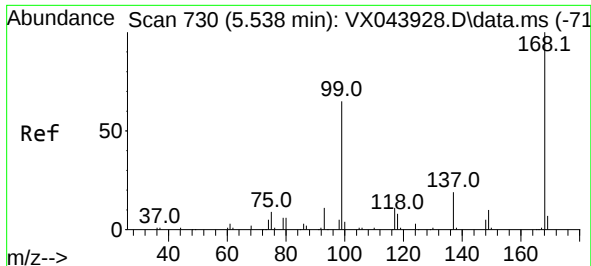
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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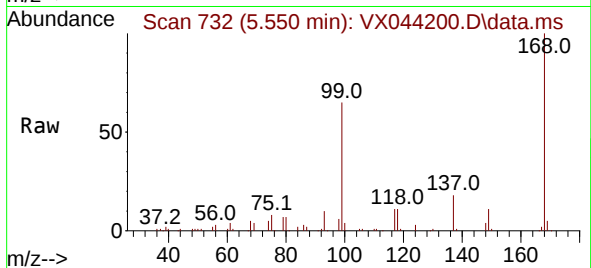


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX044200.D
Acq: 10 Dec 2024 11:59

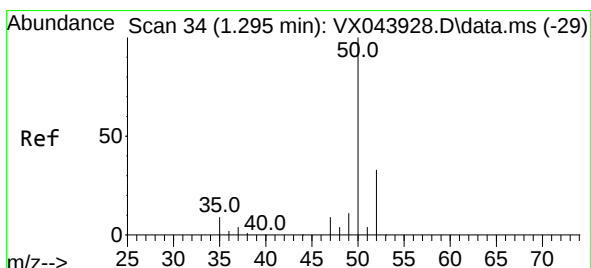
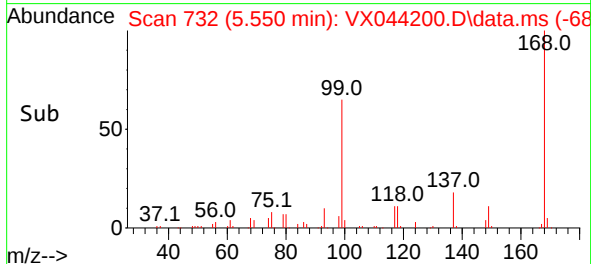
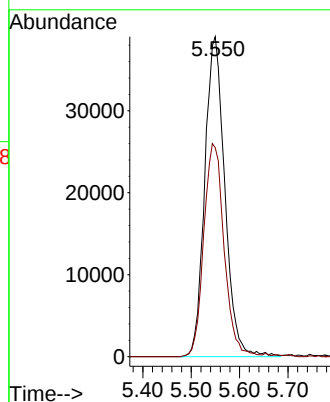
Instrument :

MSVOA_X

ClientSampleId :

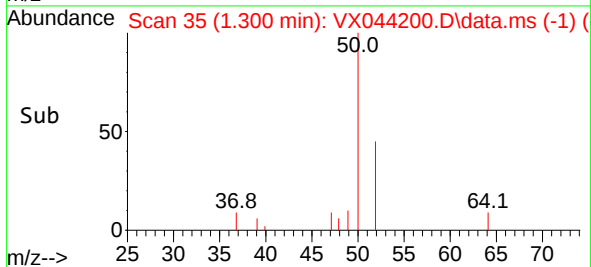
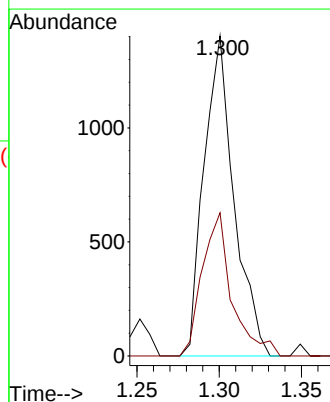
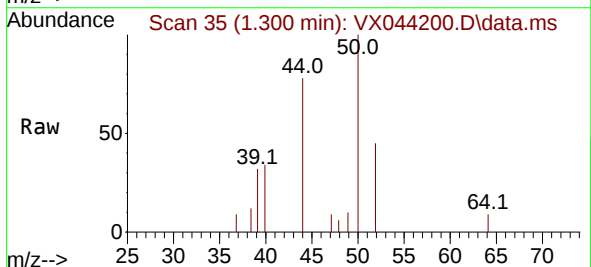


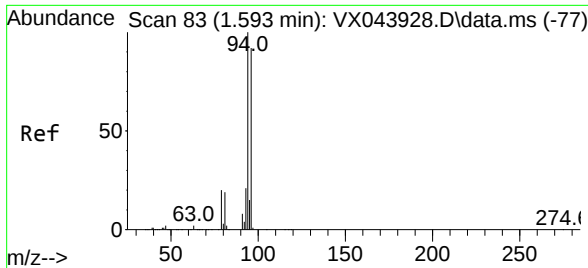
Tgt Ion:168 Resp: 112437
Ion Ratio Lower Upper
168 100
99 65.3 51.8 77.8



#3
Chloromethane
Concen: 1.188 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX044200.D
Acq: 10 Dec 2024 11:59

Tgt Ion: 50 Resp: 1780
Ion Ratio Lower Upper
50 100
52 44.8 26.1 39.1#

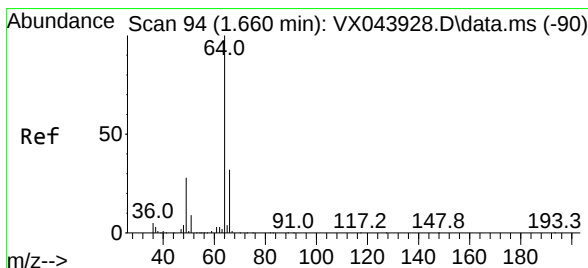
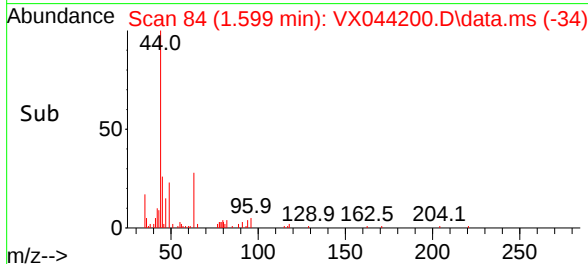
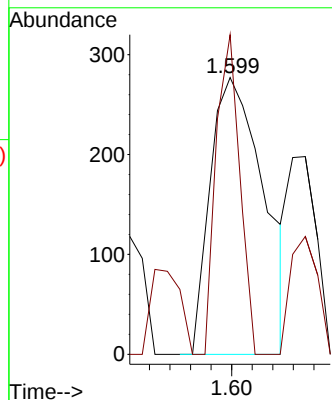
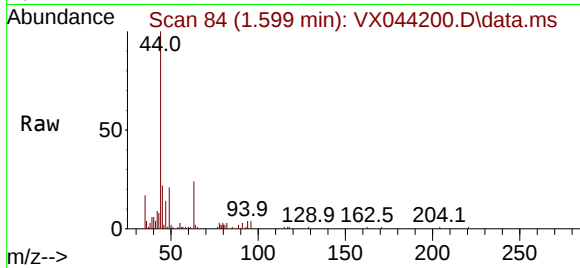




#5
Bromomethane
Concen: 0.511 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044200.D
Acq: 10 Dec 2024 11:59

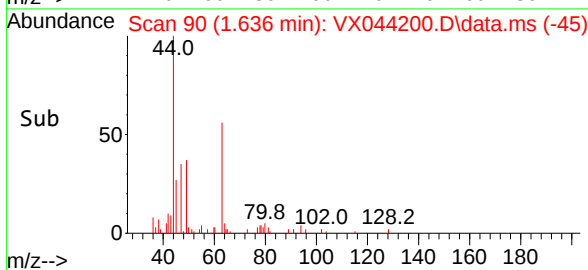
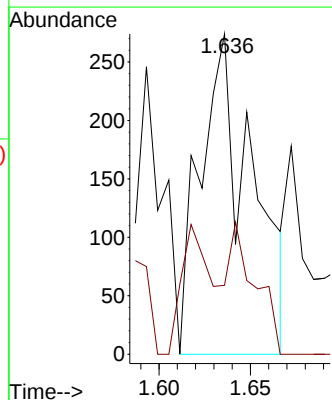
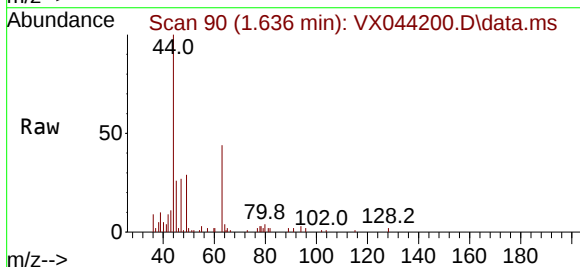
Instrument :
MSVOA_X
ClientSampleId :

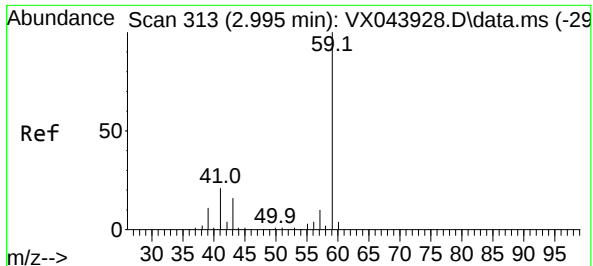
Tgt Ion: 94 Resp: 501
Ion Ratio Lower Upper
94 100
96 115.5 73.9 110.9#



#6
Chloroethane
Concen: 0.551 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.025 min
Lab File: VX044200.D
Acq: 10 Dec 2024 11:59

Tgt Ion: 64 Resp: 535
Ion Ratio Lower Upper
64 100
66 16.1 25.9 38.9#





#11

Tert butyl alcohol

Concen: 2.194 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.061 min

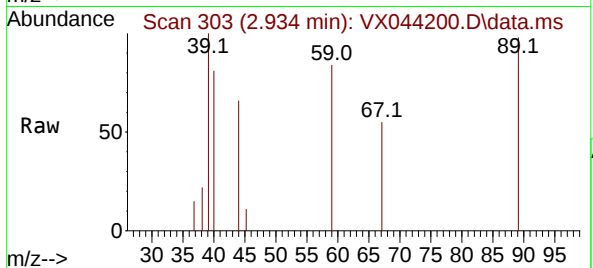
Lab File: VX044200.D

Acq: 10 Dec 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

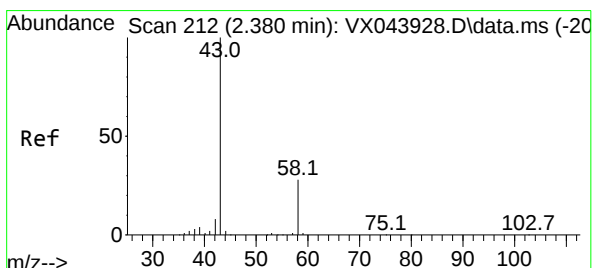
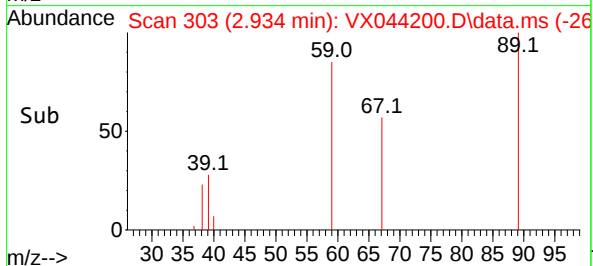
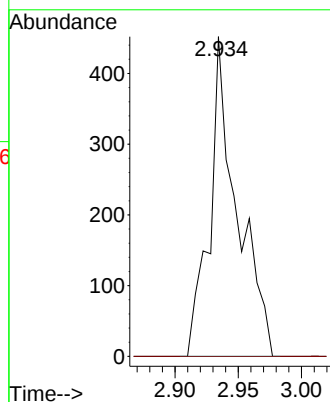


Tgt Ion: 59 Resp: 679

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#16

Acetone

Concen: 1.386 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX044200.D

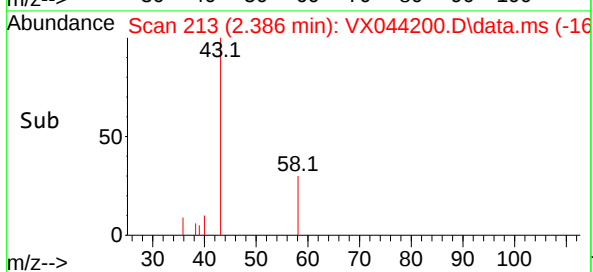
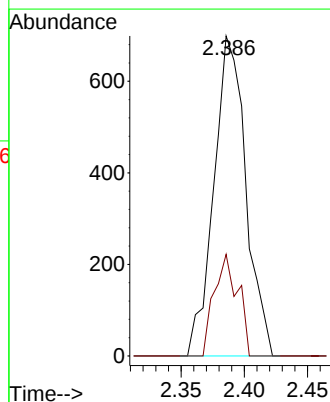
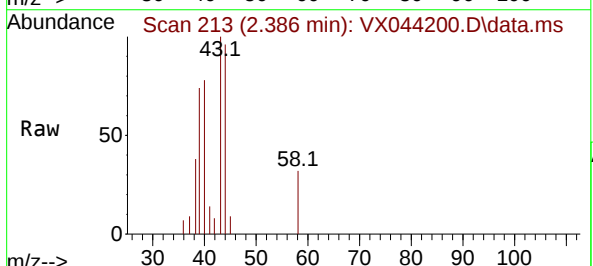
Acq: 10 Dec 2024 11:59

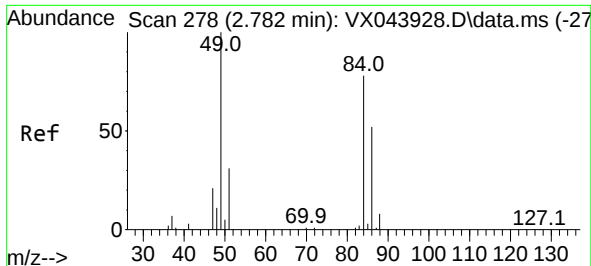
Tgt Ion: 43 Resp: 1228

Ion Ratio Lower Upper

43 100

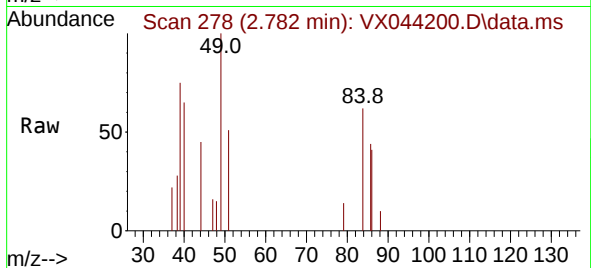
58 31.8 22.7 34.1



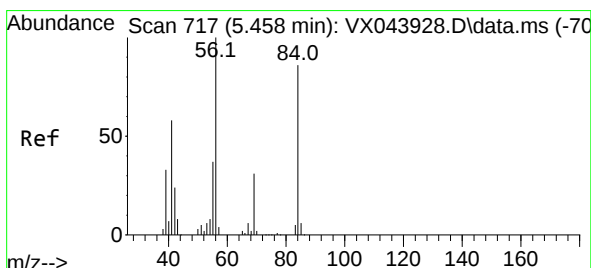
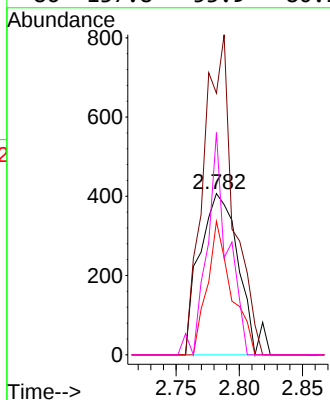
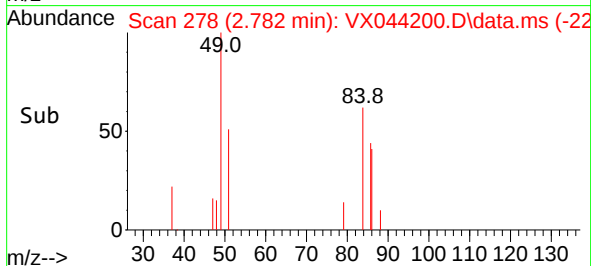


#20
Methylene Chloride
Concen: 0.580 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044200.D
Acq: 10 Dec 2024 11:59

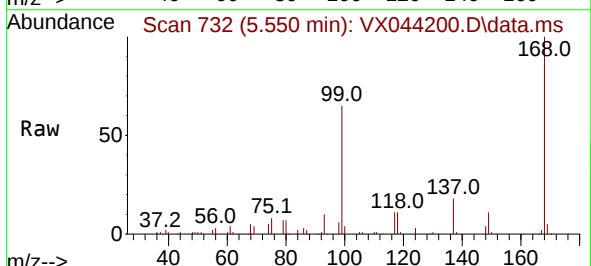
Instrument :
MSVOA_X
ClientSampleId :



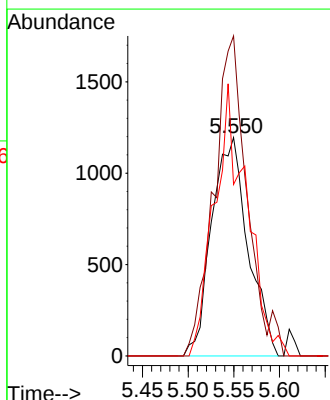
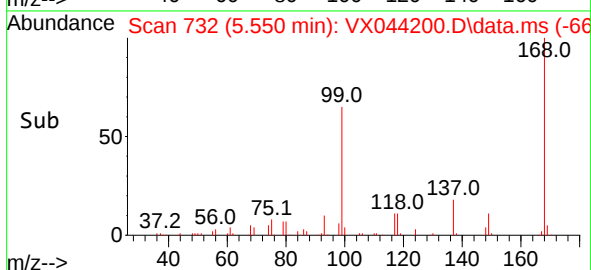
Tgt Ion:	84	Resp:	872
Ion	Ratio	Lower	Upper
84	100		
49	162.2	102.7	154.1#
51	82.8	31.7	47.5#
86	137.8	53.9	80.9#

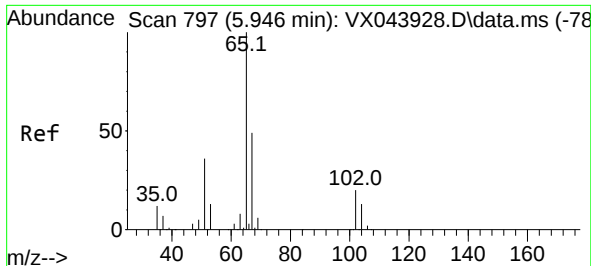


#31
Cyclohexane
Concen: 1.538 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.091 min
Lab File: VX044200.D
Acq: 10 Dec 2024 11:59



Tgt Ion:	56	Resp:	3306
Ion	Ratio	Lower	Upper
56	100		
69	146.5	24.7	37.1#
84	78.5	68.7	103.1





#33

1,2-Dichloroethane-d4

Concen: 49.548 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX044200.D

Acq: 10 Dec 2024 11:59

Instrument :

MSVOA_X

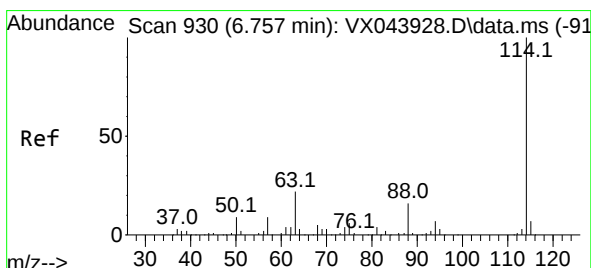
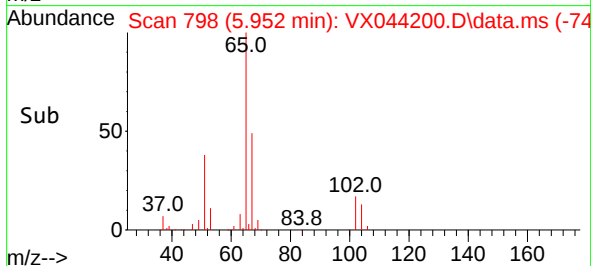
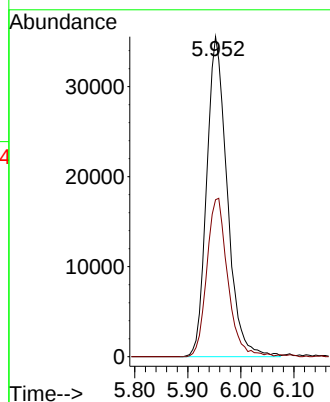
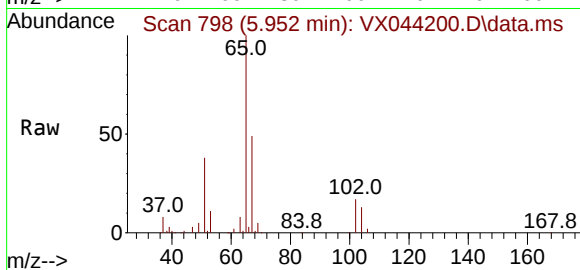
ClientSampleId :

Tgt Ion: 65 Resp: 95552

Ion Ratio Lower Upper

65 100

67 50.5 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044200.D

Acq: 10 Dec 2024 11:59

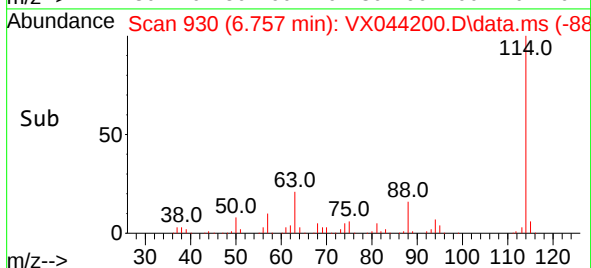
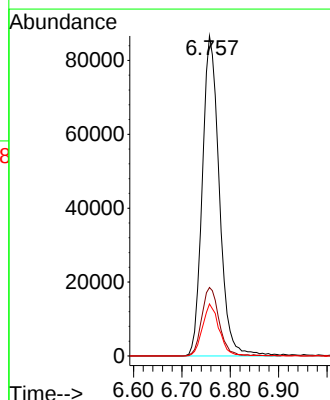
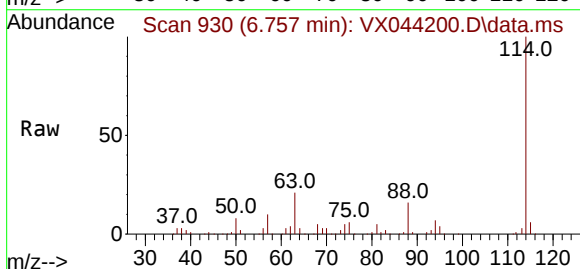
Tgt Ion: 114 Resp: 211530

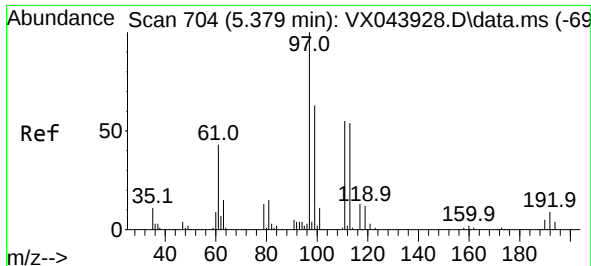
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.0

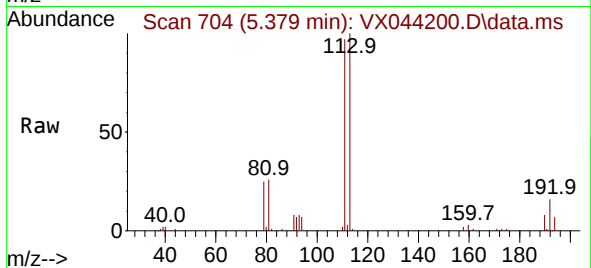
88 16.3 0.0 32.4



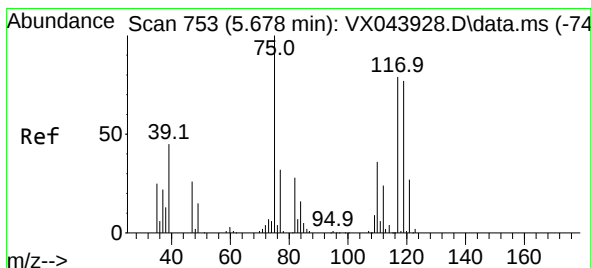
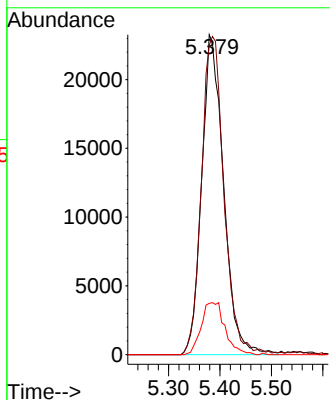
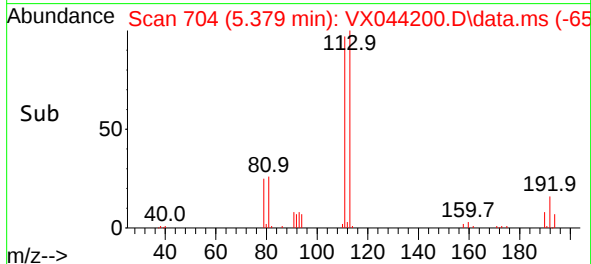


#35
Dibromofluoromethane
Concen: 45.501 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044200.D
Acq: 10 Dec 2024 11:59

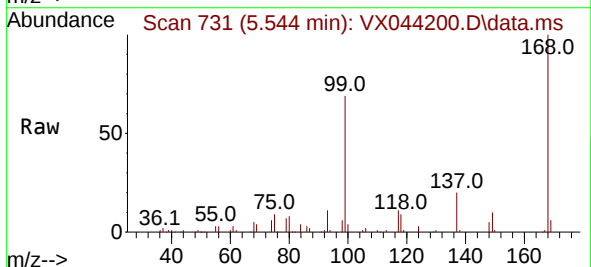
Instrument :
MSVOA_X
ClientSampleId :



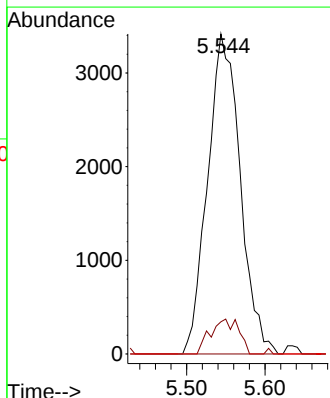
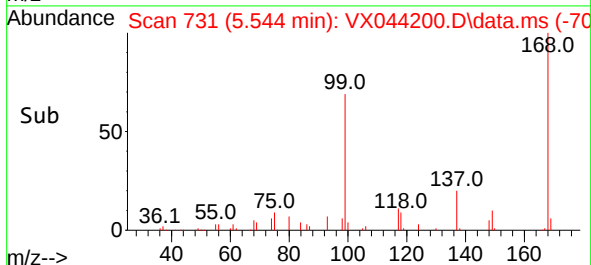
Tgt Ion:113 Resp: 68775
Ion Ratio Lower Upper
113 100
111 102.5 81.0 121.4
192 17.6 13.0 19.6

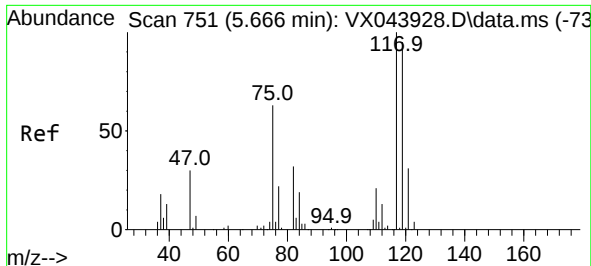


#36
1,1-Dichloropropene
Concen: 5.240 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX044200.D
Acq: 10 Dec 2024 11:59



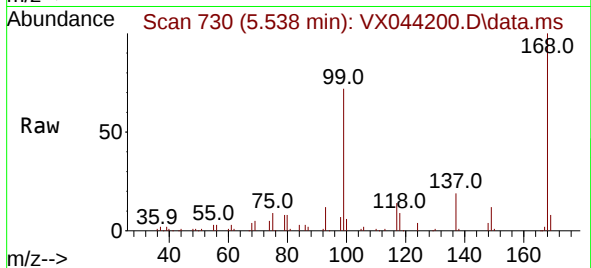
Tgt Ion: 75 Resp: 9869
Ion Ratio Lower Upper
75 100
110 9.5 17.4 52.2#
77 0.0 25.8 38.8#



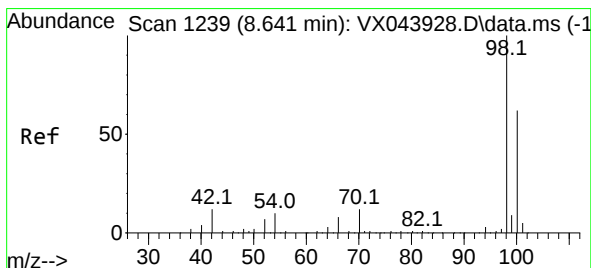
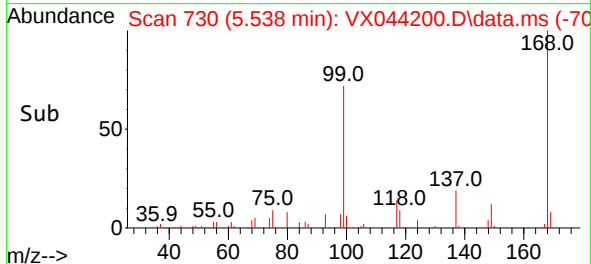
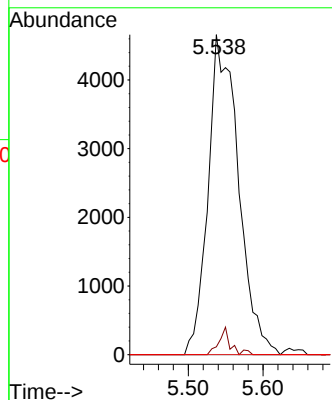


#38
Carbon Tetrachloride
Concen: 6.200 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044200.D
Acq: 10 Dec 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :

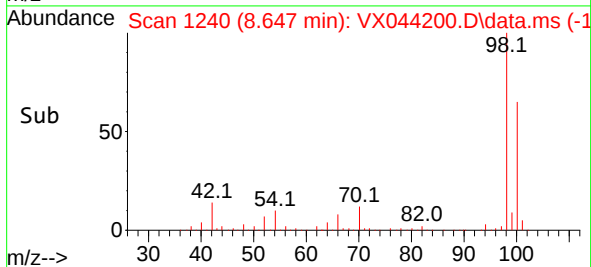
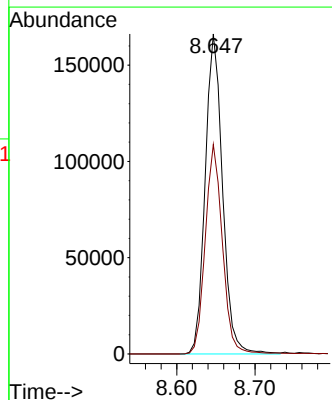
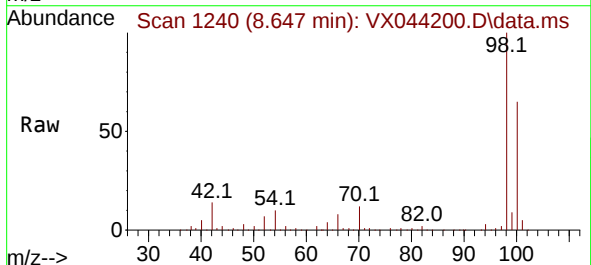


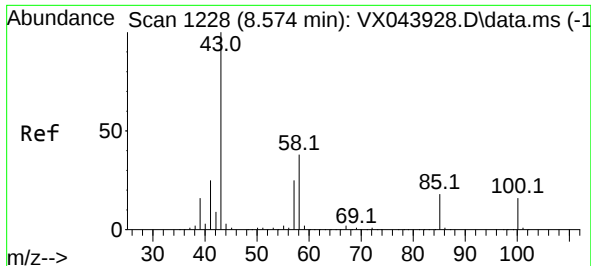
Tgt Ion:117 Resp: 13122
Ion Ratio Lower Upper
117 100
119 2.4 75.2 112.8#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.002 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044200.D
Acq: 10 Dec 2024 11:59

Tgt Ion: 98 Resp: 255312
Ion Ratio Lower Upper
98 100
100 64.9 52.6 79.0

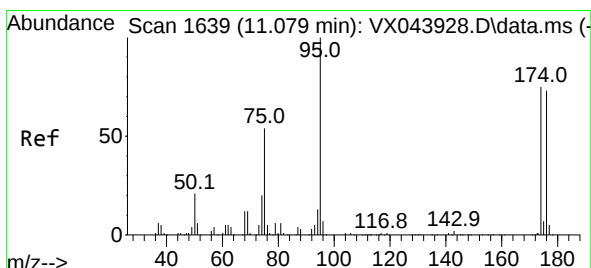
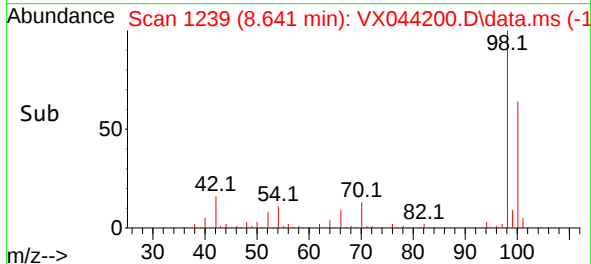
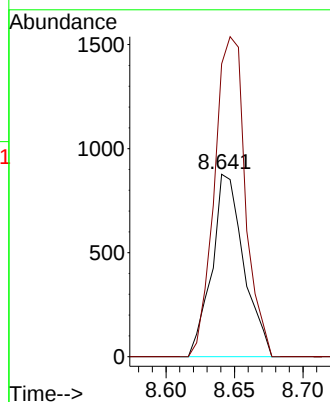
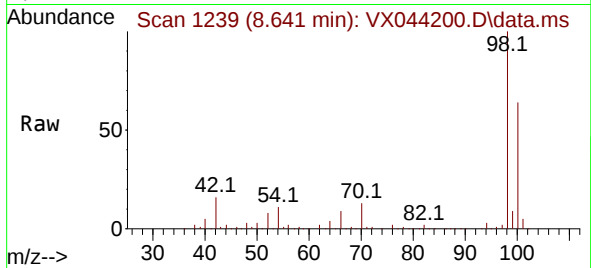




#51
4-Methyl-2-Pentanone
Concen: 0.622 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX044200.D
Acq: 10 Dec 2024 11:59

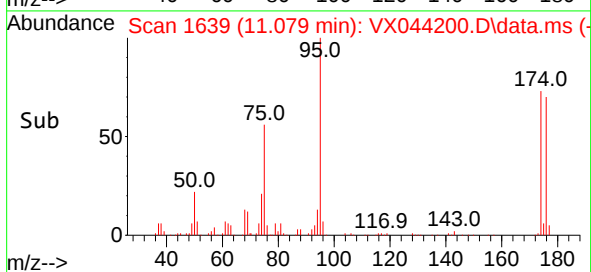
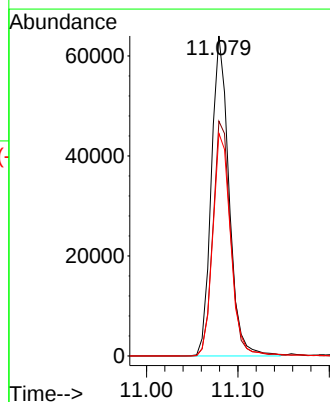
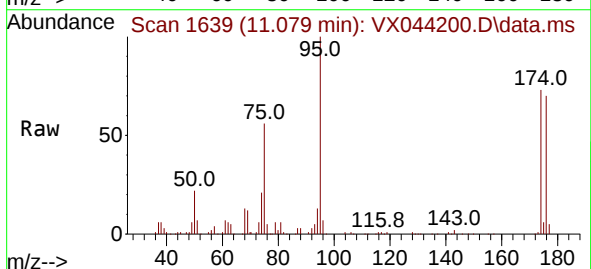
Instrument :
MSVOA_X
ClientSampleId :

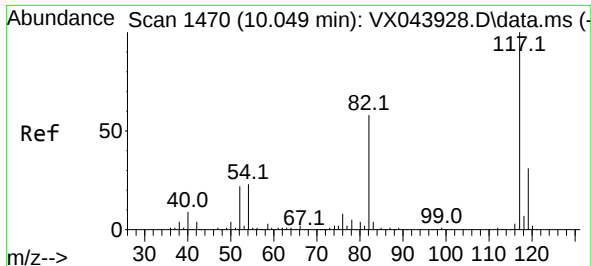
Tgt Ion: 43 Resp: 1412
Ion Ratio Lower Upper
43 100
58 171.3 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 48.238 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044200.D
Acq: 10 Dec 2024 11:59

Tgt Ion: 95 Resp: 85535
Ion Ratio Lower Upper
95 100
174 74.3 0.0 150.4
176 71.1 0.0 146.0

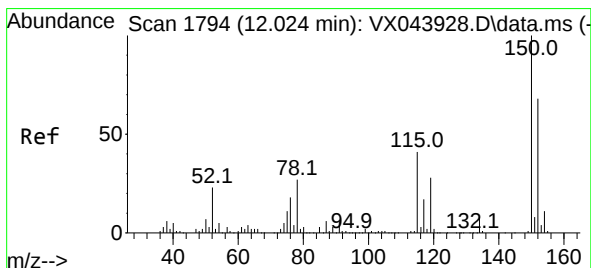
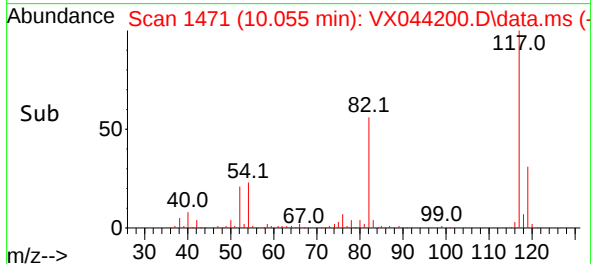
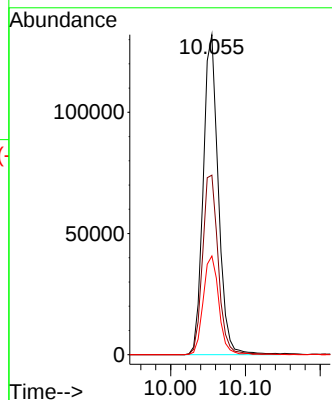
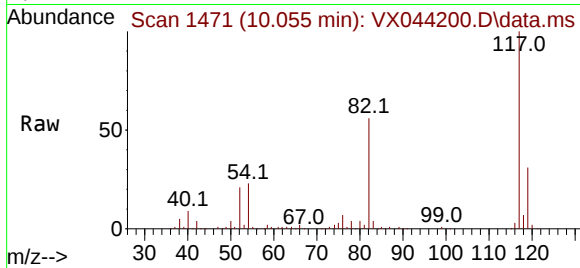




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044200.D
Acq: 10 Dec 2024 11:59

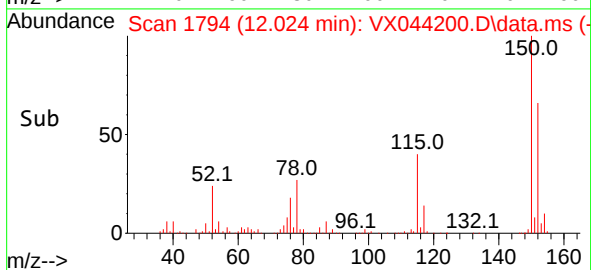
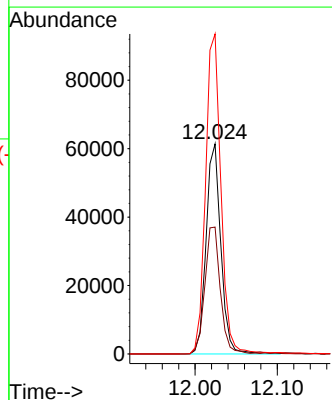
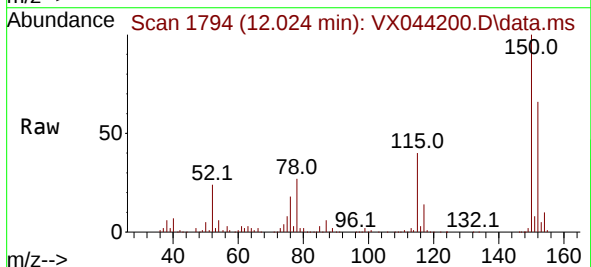
Instrument :
MSVOA_X
ClientSampleId :

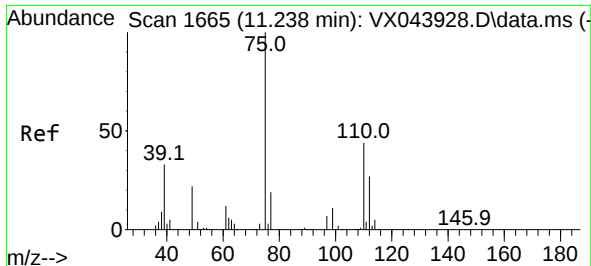
Tgt Ion:117 Resp: 185283
Ion Ratio Lower Upper
117 100
82 56.1 46.4 69.6
119 30.8 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX044200.D
Acq: 10 Dec 2024 11:59

Tgt Ion:152 Resp: 76755
Ion Ratio Lower Upper
152 100
115 63.4 45.4 136.2
150 158.9 0.0 353.0

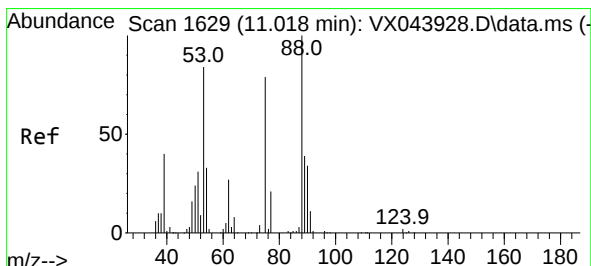
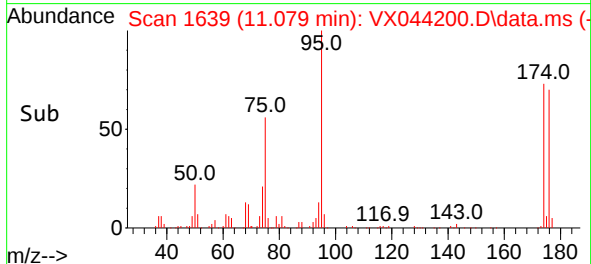
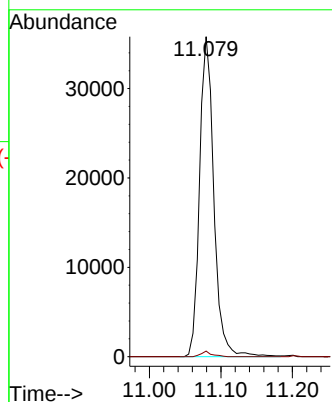
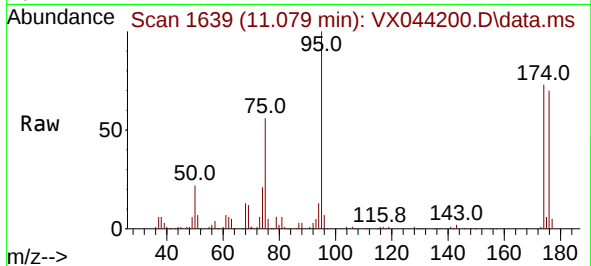




#76
1,2,3-Trichloropropane
Concen: 29.462 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044200.D
Acq: 10 Dec 2024 11:59

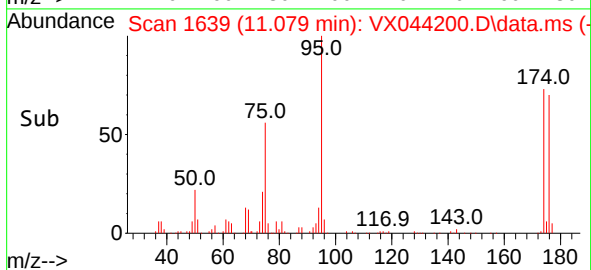
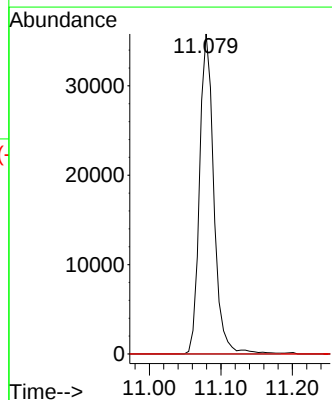
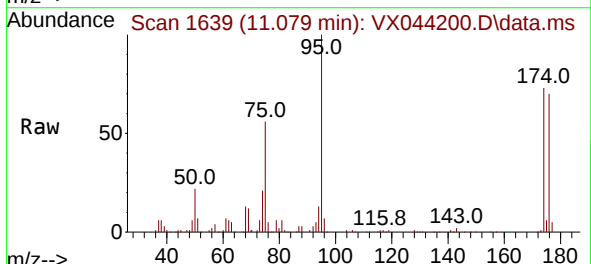
Instrument :
MSVOA_X
ClientSampleId :

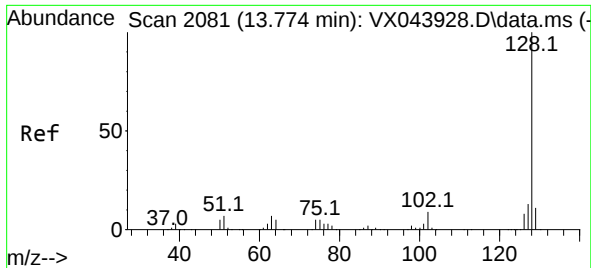
Tgt Ion: 75 Resp: 49592
Ion Ratio Lower Upper
75 100
77 1.3 21.8 65.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.396 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044200.D
Acq: 10 Dec 2024 11:59

Tgt Ion: 75 Resp: 49592
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.0 38.2 57.2#





#95

Naphthalene

Concen: 0.209 ug/l

RT: 13.792 min Scan# 20

Delta R.T. 0.018 min

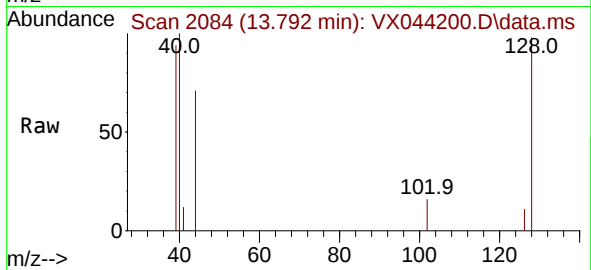
Lab File: VX044200.D

Acq: 10 Dec 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 1149

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.6 12.8#

