

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044405.D
 Acq On : 19 Dec 2024 01:47
 Operator : JC/MD
 Sample : P5317-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 05:08:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

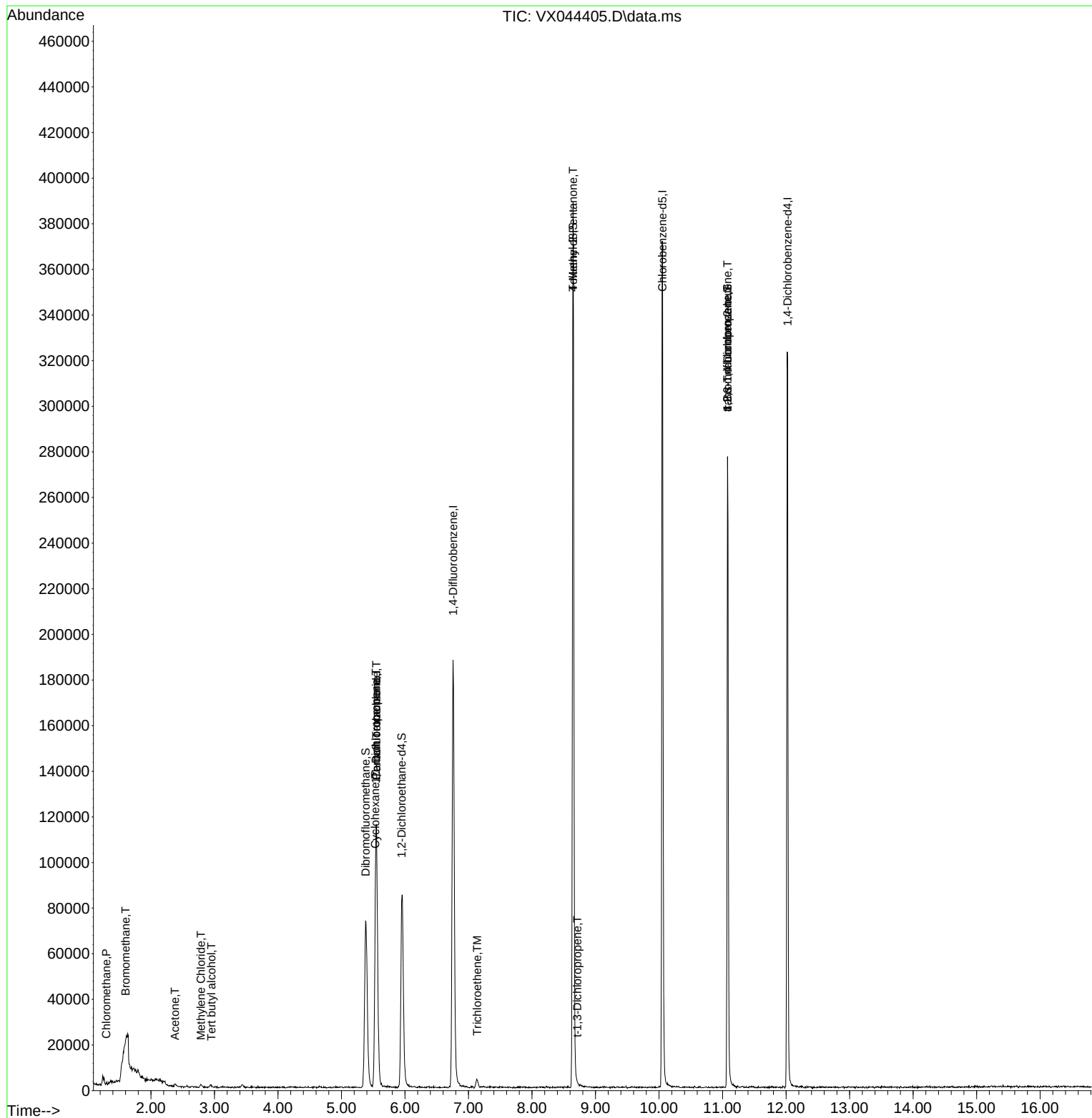
Internal Standards						
1) Pentafluorobenzene	5.550	168	107084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	188252	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	84491	45.001	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.000%
35) Dibromofluoromethane	5.379	113	62780	48.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.300%
50) Toluene-d8	8.647	98	232616	52.883	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.760%
62) 4-Bromofluorobenzene	11.079	95	71922	46.793	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.580%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	495	0.313	ug/l #	80
5) Bromomethane	1.599	94	356	0.304	ug/l	84
11) Tert butyl alcohol	2.953	59	90	0.340	ug/l #	71
16) Acetone	2.380	43	1086	1.419	ug/l #	68
20) Methylene Chloride	2.788	84	506	0.352	ug/l #	79
31) Cyclohexane	5.531	56	2503	1.235	ug/l #	42
36) 1,1-Dichloropropene	5.544	75	9107	5.404	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12216	6.733	ug/l #	20
44) Trichloroethene	7.135	130	1312	1.028	ug/l	66
51) 4-Methyl-2-Pentanone	8.647	43	1183	0.565	ug/l #	1
53) t-1,3-Dichloropropene	8.714	75	49	1.023	ug/l #	41
76) 1,2,3-Trichloropropane	11.079	75	39507	26.231	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	39507	72.357	ug/l #	4

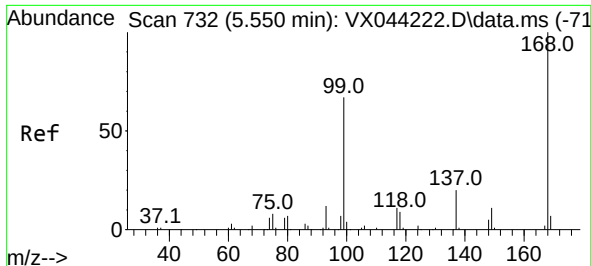
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
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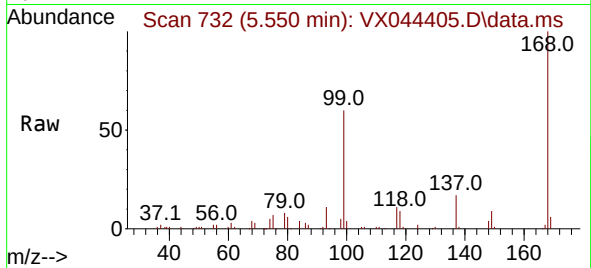


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044405.D
Acq: 19 Dec 2024 01:47

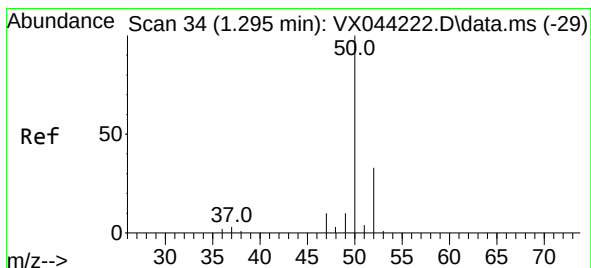
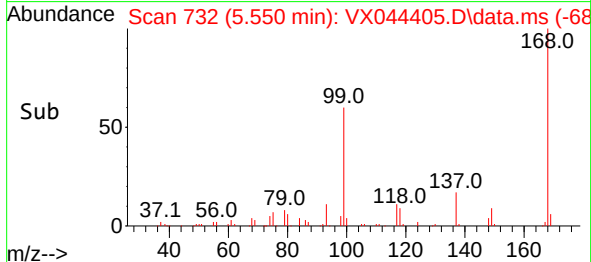
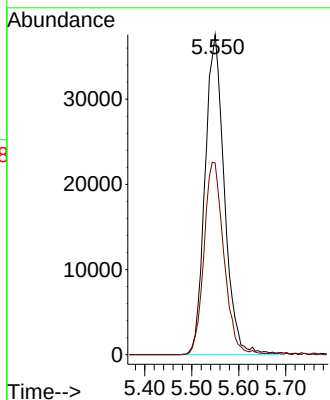
Instrument :

MSVOA_X

ClientSampleId :

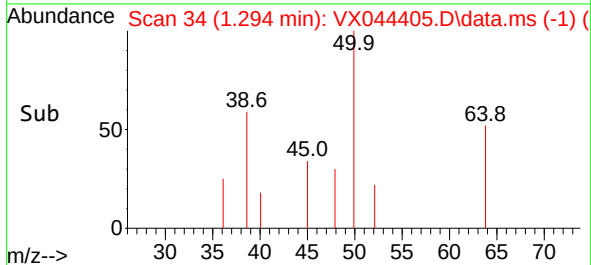
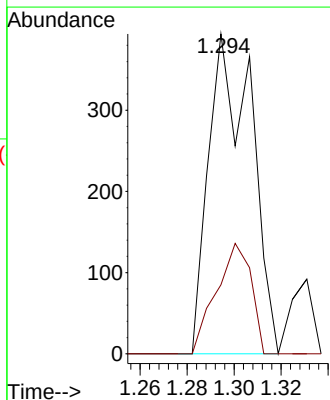
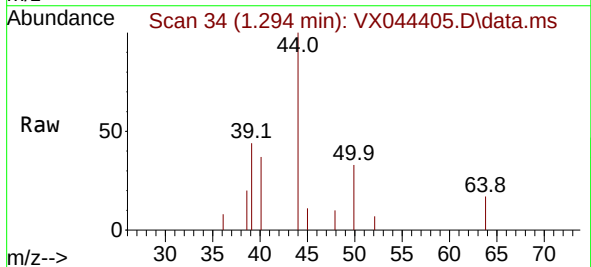


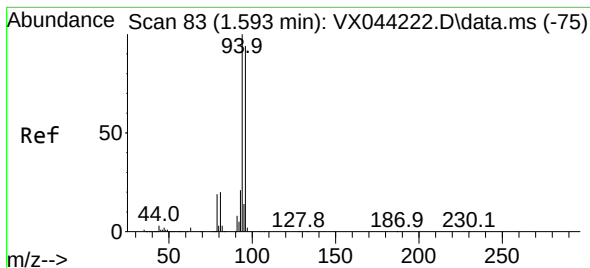
Tgt Ion:168 Resp: 107084
Ion Ratio Lower Upper
168 100
99 59.9 53.4 80.0



#3
Chloromethane
Concen: 0.313 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044405.D
Acq: 19 Dec 2024 01:47

Tgt Ion: 50 Resp: 495
Ion Ratio Lower Upper
50 100
52 21.6 26.5 39.7#





#5

Bromomethane

Concen: 0.304 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX044405.D

Acq: 19 Dec 2024 01:47

Instrument :

MSVOA_X

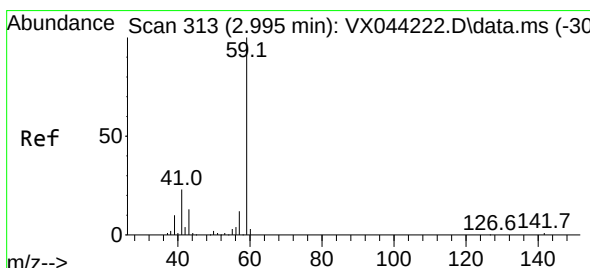
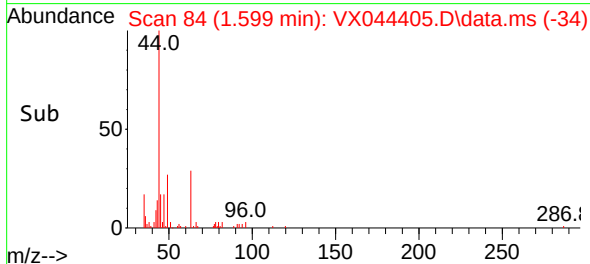
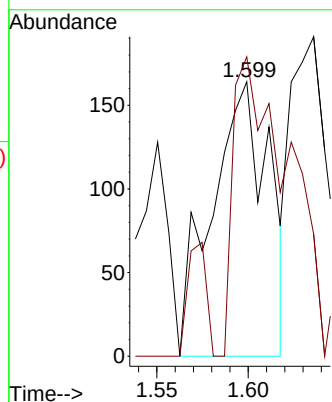
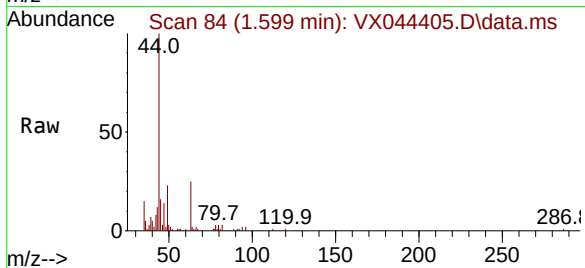
ClientSampleId :

Tgt Ion: 94 Resp: 356

Ion Ratio Lower Upper

94 100

96 109.1 74.9 112.3



#11

Tert butyl alcohol

Concen: 0.340 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.043 min

Lab File: VX044405.D

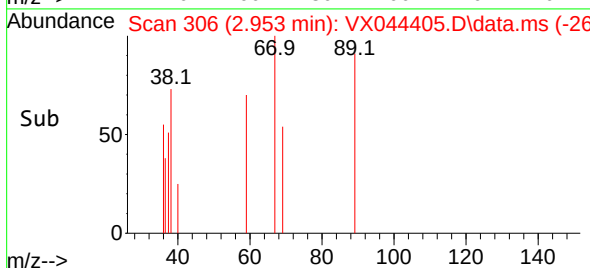
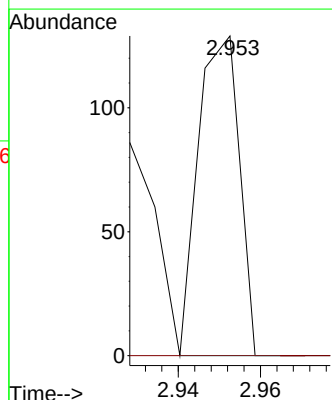
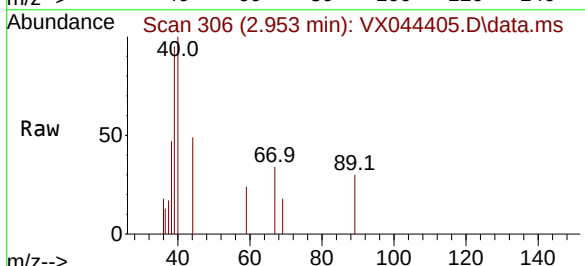
Acq: 19 Dec 2024 01:47

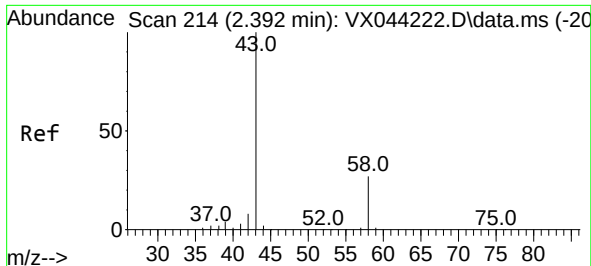
Tgt Ion: 59 Resp: 90

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#





#16

Acetone

Concen: 1.419 ug/l

RT: 2.380 min Scan# 214

Delta R.T. -0.012 min

Lab File: VX044405.D

Acq: 19 Dec 2024 01:47

Instrument :

MSVOA_X

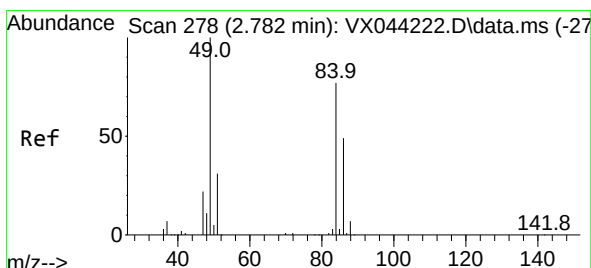
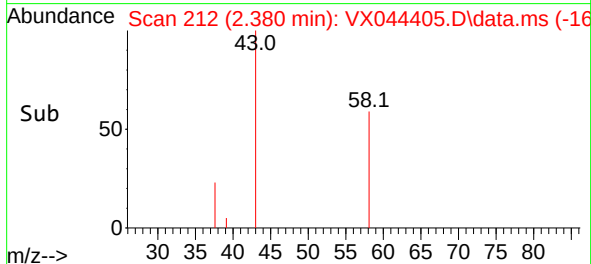
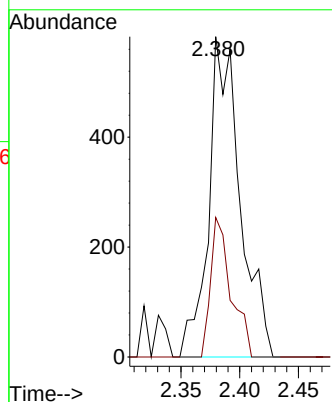
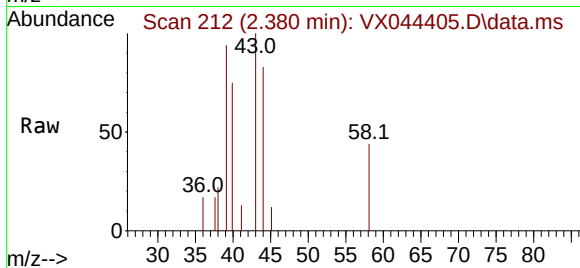
ClientSampleId :

Tgt Ion: 43 Resp: 1086

Ion Ratio Lower Upper

43 100

58 43.6 21.6 32.4#



#20

Methylene Chloride

Concen: 0.352 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX044405.D

Acq: 19 Dec 2024 01:47

Tgt Ion: 84 Resp: 506

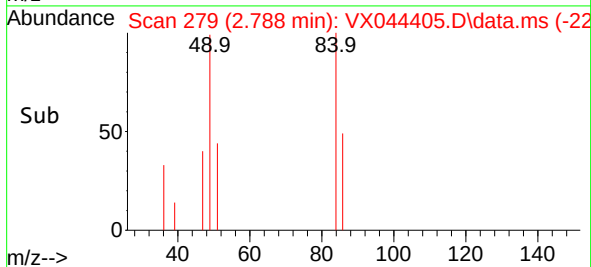
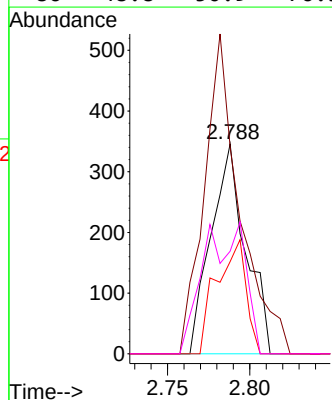
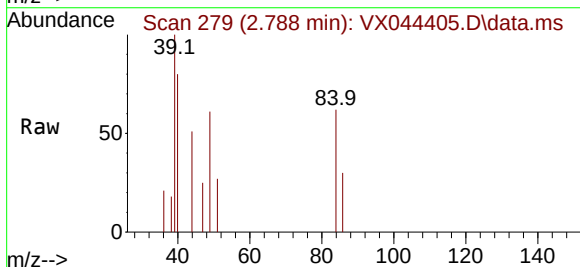
Ion Ratio Lower Upper

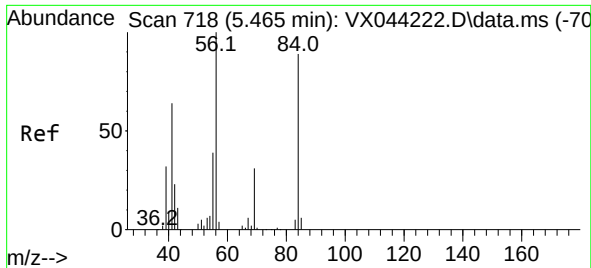
84 100

49 98.6 104.2 156.4#

51 43.9 32.2 48.4

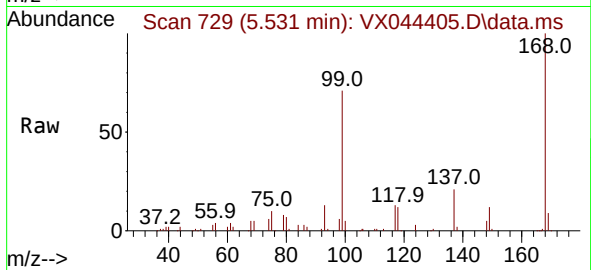
86 48.8 50.9 76.3#



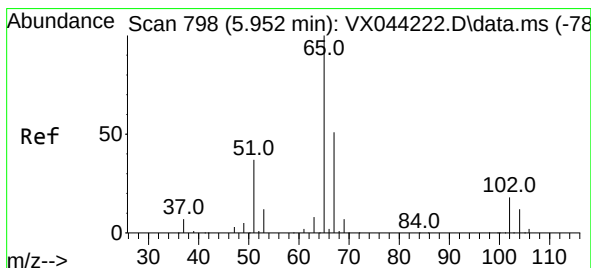
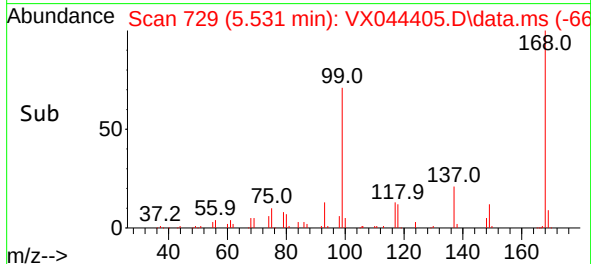
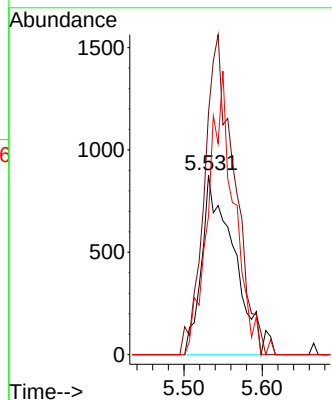


#31
Cyclohexane
Concen: 1.235 ug/l
RT: 5.531 min Scan# 718
Delta R.T. 0.067 min
Lab File: VX044405.D
Acq: 19 Dec 2024 01:47

Instrument :
MSVOA_X
ClientSampleId :

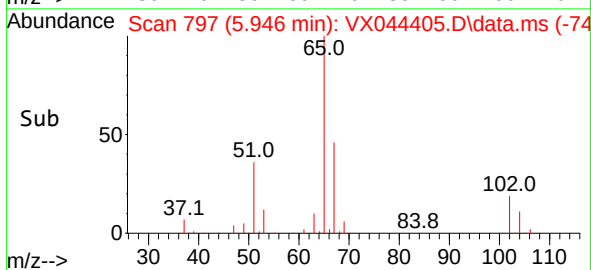
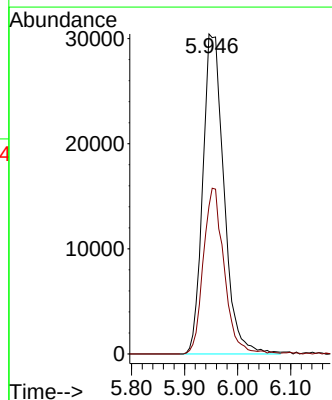
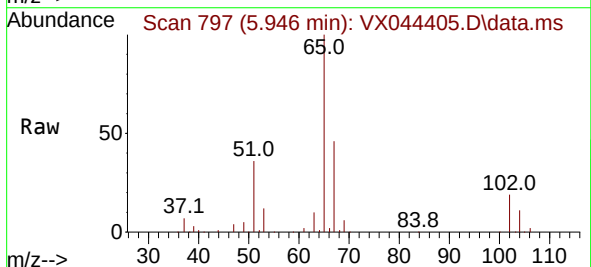


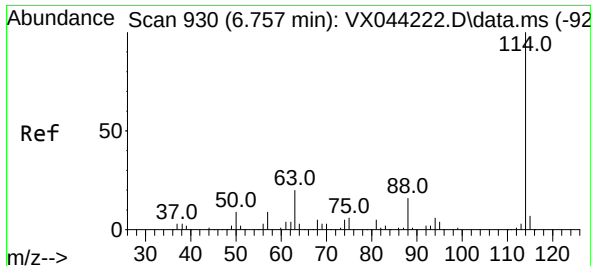
Tgt Ion: 56 Resp: 2503
Ion Ratio Lower Upper
56 100
69 134.9 24.7 37.1#
84 77.2 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 45.001 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044405.D
Acq: 19 Dec 2024 01:47

Tgt Ion: 65 Resp: 84491
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.6

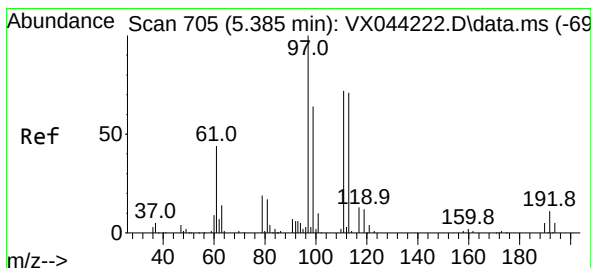
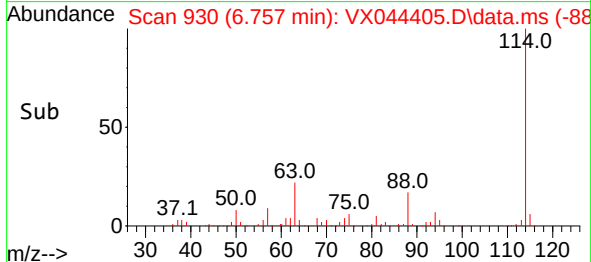
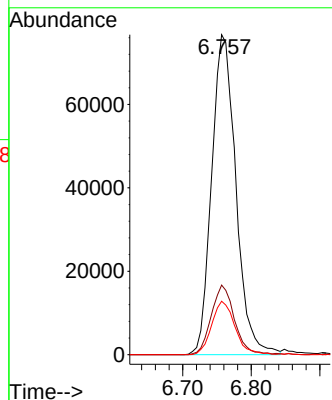
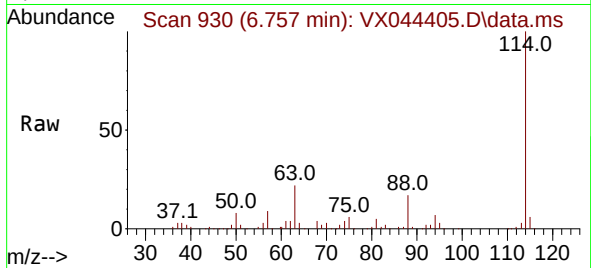




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044405.D
Acq: 19 Dec 2024 01:47

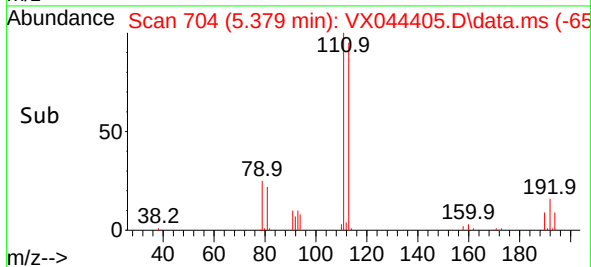
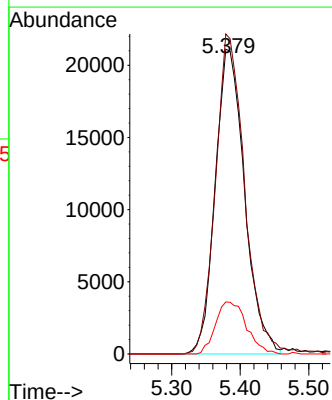
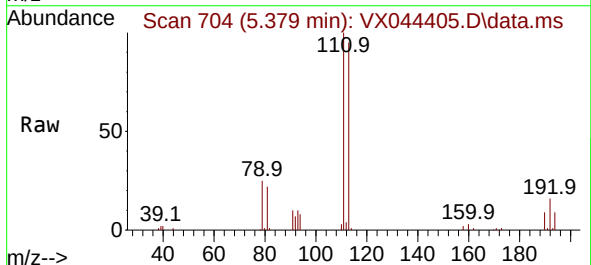
Instrument :
MSVOA_X
ClientSampleId :

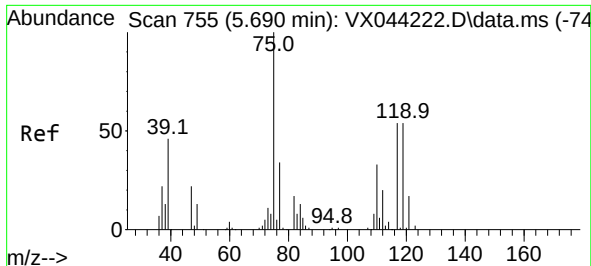
Tgt Ion:114 Resp: 188252
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.6
88 16.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.151 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044405.D
Acq: 19 Dec 2024 01:47

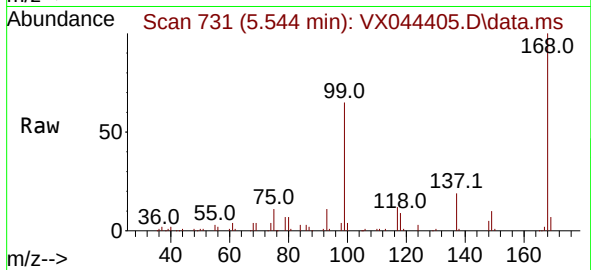
Tgt Ion:113 Resp: 62780
Ion Ratio Lower Upper
113 100
111 104.1 80.4 120.6
192 18.0 13.3 19.9



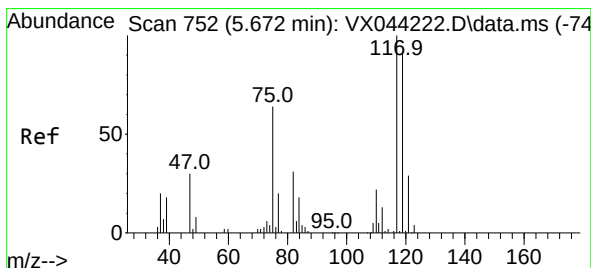
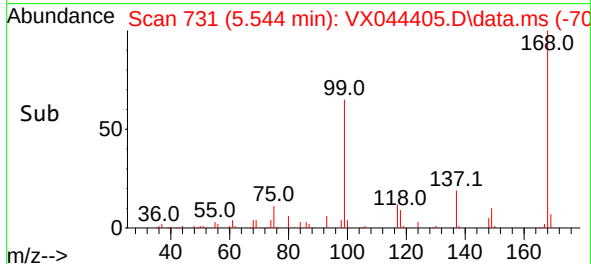
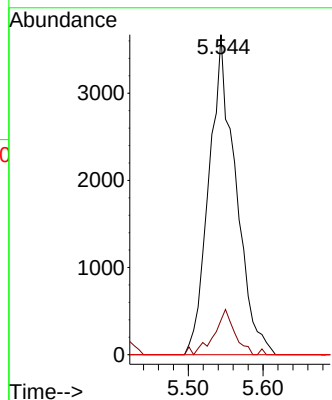


#36
1,1-Dichloropropene
Concen: 5.404 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX044405.D
Acq: 19 Dec 2024 01:47

Instrument :
MSVOA_X
ClientSampleId :

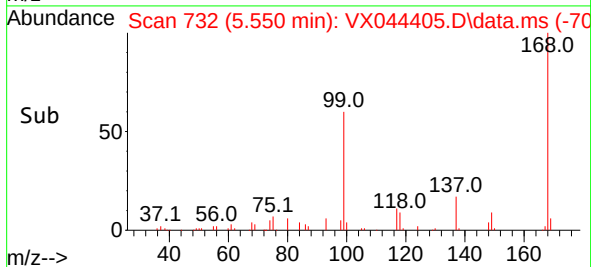
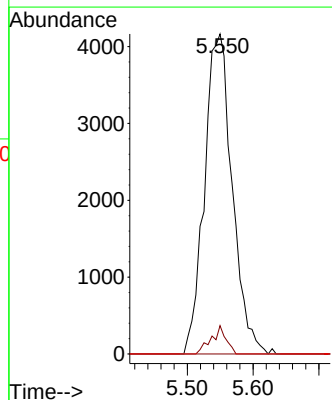
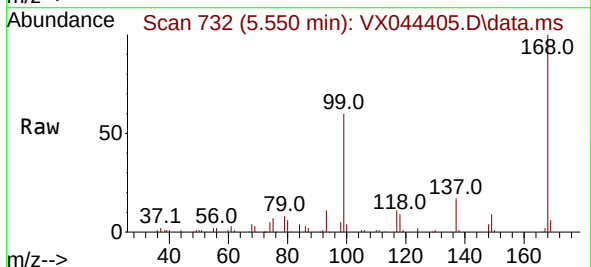


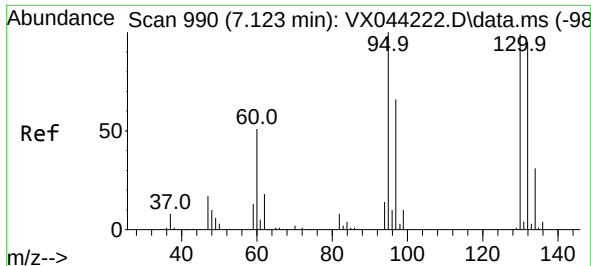
Tgt Ion: 75 Resp: 9107
Ion Ratio Lower Upper
75 100
110 11.0 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.733 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX044405.D
Acq: 19 Dec 2024 01:47

Tgt Ion: 117 Resp: 12216
Ion Ratio Lower Upper
117 100
119 8.8 74.2 111.4#
121 0.0 23.0 34.6#

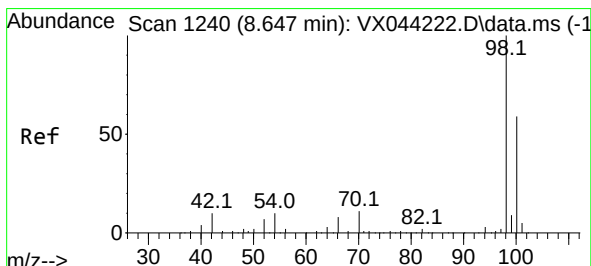
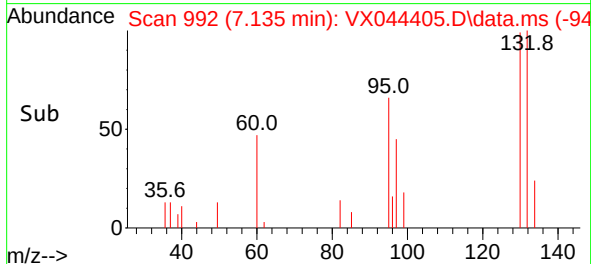
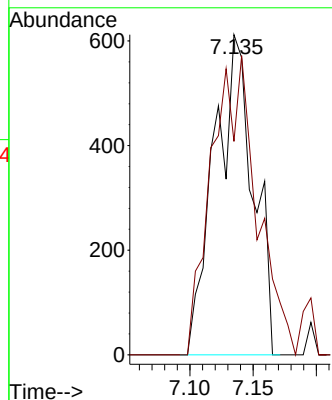
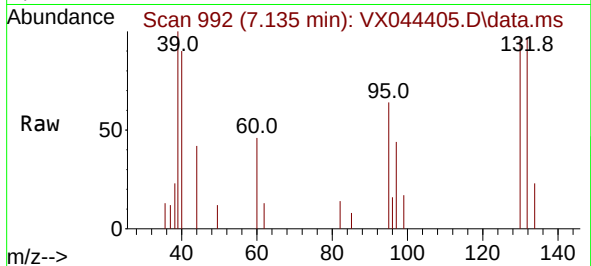




#44
Trichloroethene
Concen: 1.028 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX044405.D
Acq: 19 Dec 2024 01:47

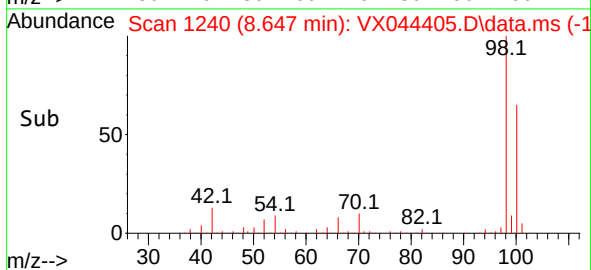
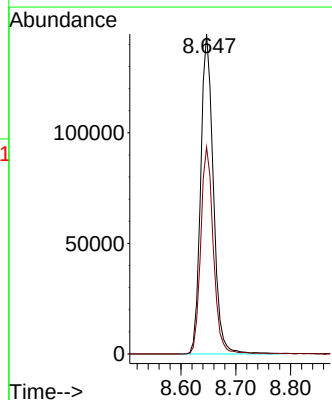
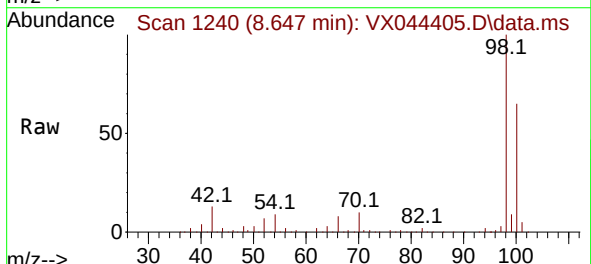
Instrument :
MSVOA_X
ClientSampleId :

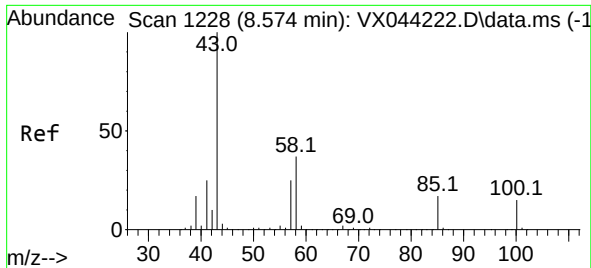
Tgt Ion:130 Resp: 1312
Ion Ratio Lower Upper
130 100
95 66.7 0.0 201.4



#50
Toluene-d8
Concen: 52.883 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044405.D
Acq: 19 Dec 2024 01:47

Tgt Ion: 98 Resp: 232616
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

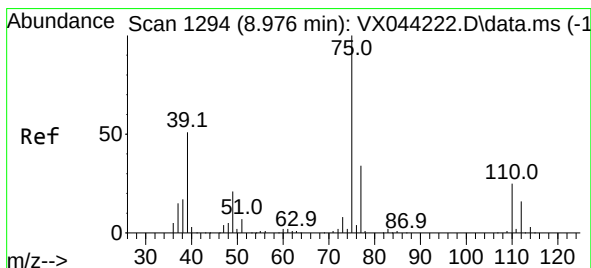
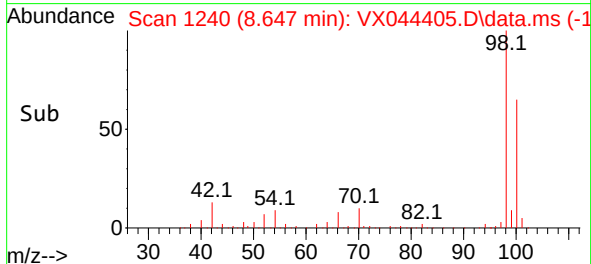
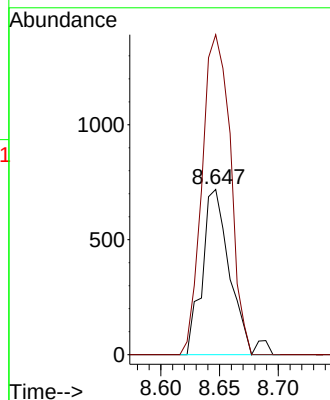
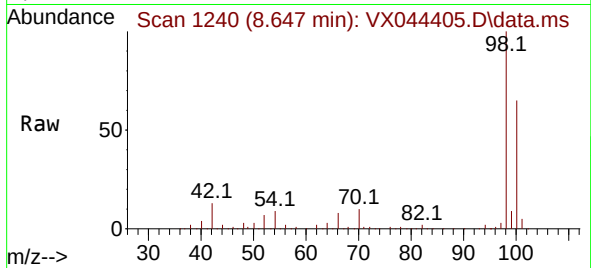




#51
4-Methyl-2-Pentanone
Concen: 0.565 ug/l
RT: 8.647 min Scan# 1183
Delta R.T. 0.073 min
Lab File: VX044405.D
Acq: 19 Dec 2024 01:47

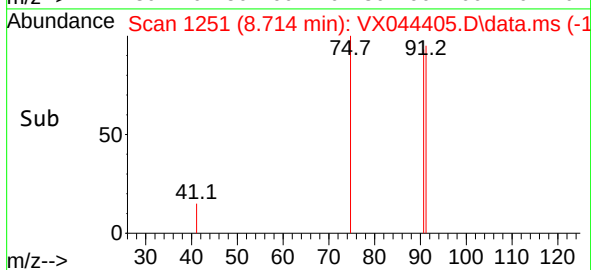
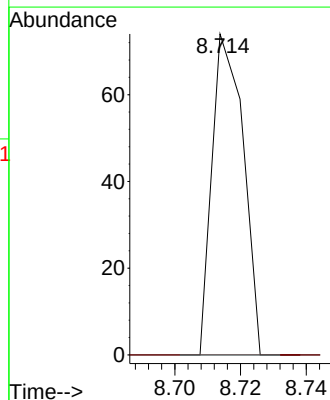
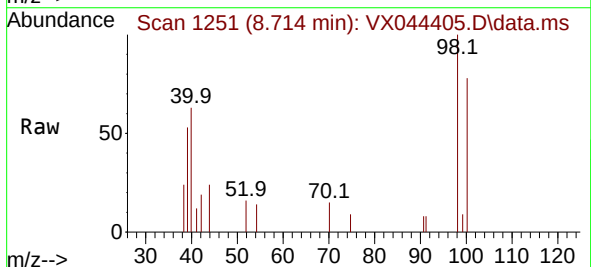
Instrument :
MSVOA_X
ClientSampleId :

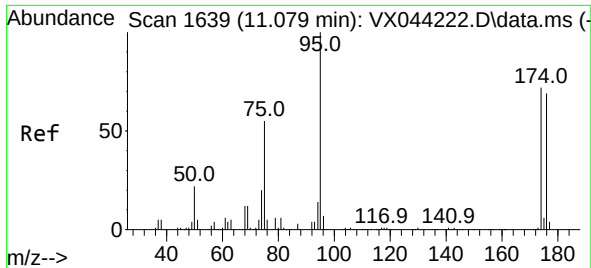
Tgt Ion: 43 Resp: 1183
Ion Ratio Lower Upper
43 100
58 197.9 29.4 44.0#



#53
t-1,3-Dichloropropene
Concen: 1.023 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.262 min
Lab File: VX044405.D
Acq: 19 Dec 2024 01:47

Tgt Ion: 75 Resp: 49
Ion Ratio Lower Upper
75 100
77 0.0 27.2 40.8#

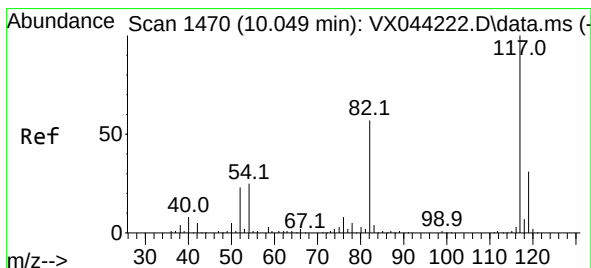
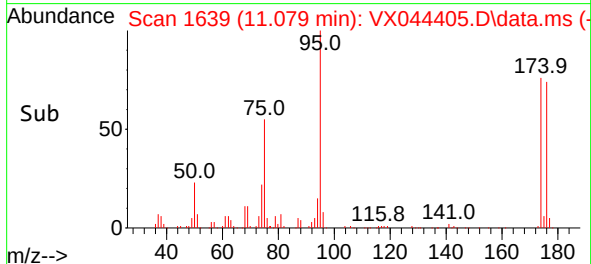
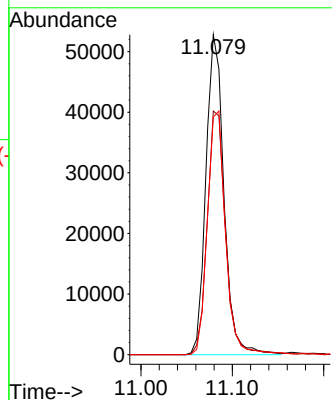
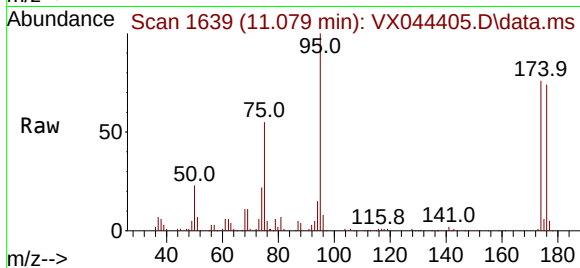




#62
4-Bromofluorobenzene
Concen: 46.793 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044405.D
Acq: 19 Dec 2024 01:47

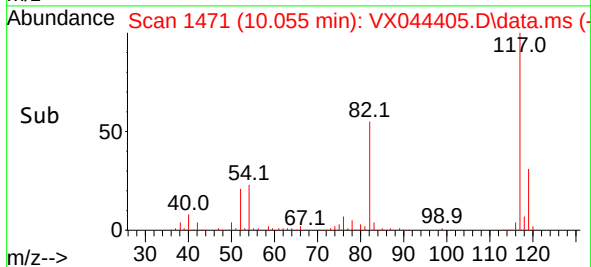
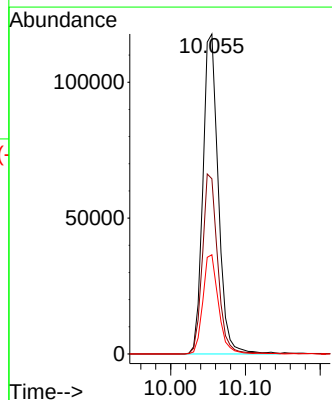
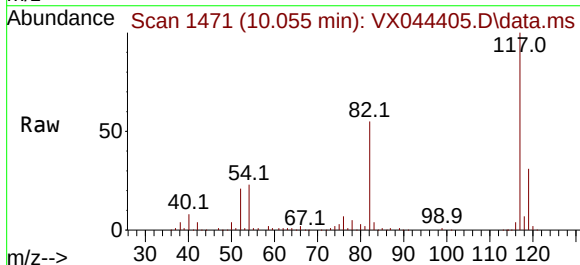
Instrument :
MSVOA_X
ClientSampleId :

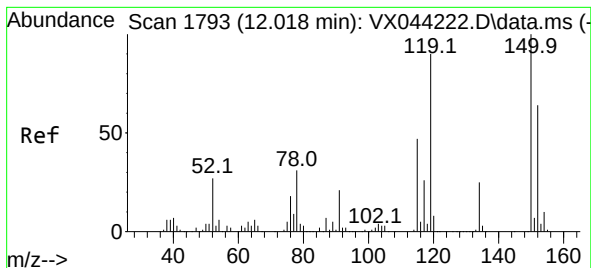
Tgt Ion: 95 Resp: 71922
Ion Ratio Lower Upper
95 100
174 78.2 0.0 145.8
176 76.8 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044405.D
Acq: 19 Dec 2024 01:47

Tgt Ion: 117 Resp: 168467
Ion Ratio Lower Upper
117 100
82 54.7 45.8 68.8
119 31.0 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044405.D

Acq: 19 Dec 2024 01:47

Instrument :

MSVOA_X

ClientSampleId :

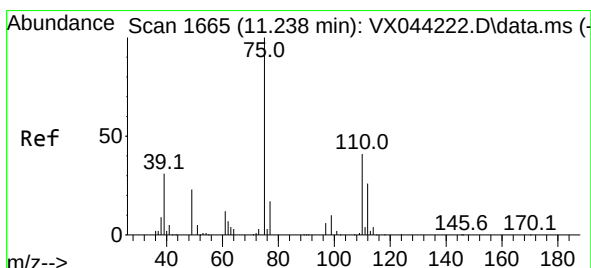
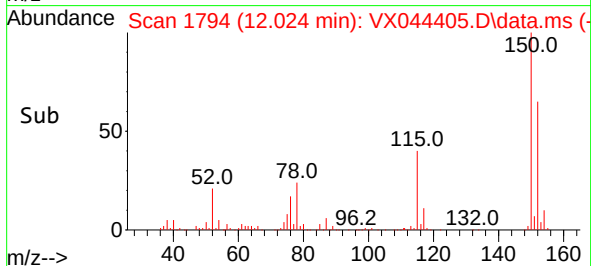
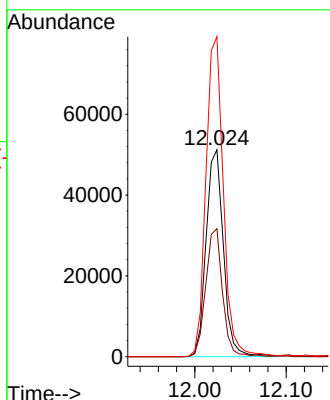
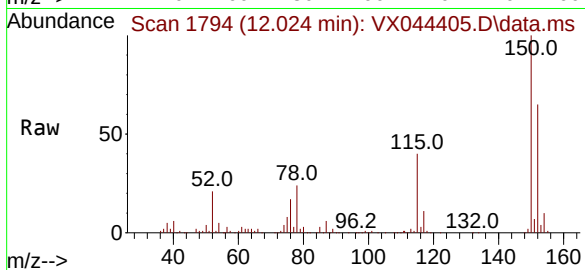
Tgt Ion:152 Resp: 67456

Ion Ratio Lower Upper

152 100

115 60.2 44.5 133.3

150 155.6 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 26.231 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044405.D

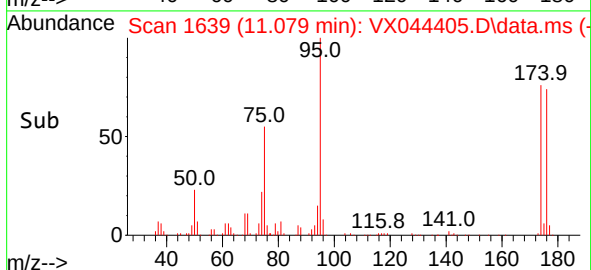
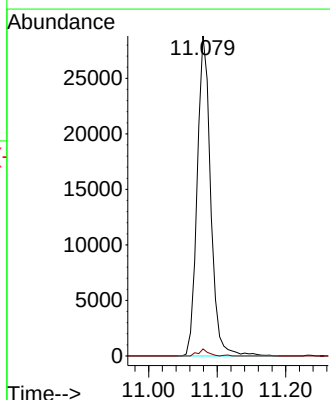
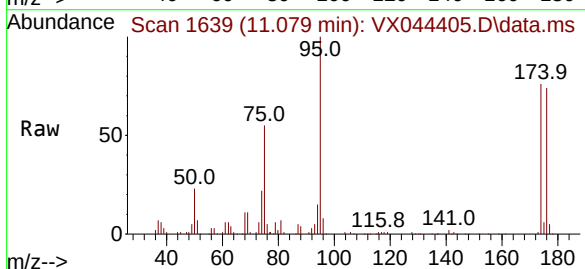
Acq: 19 Dec 2024 01:47

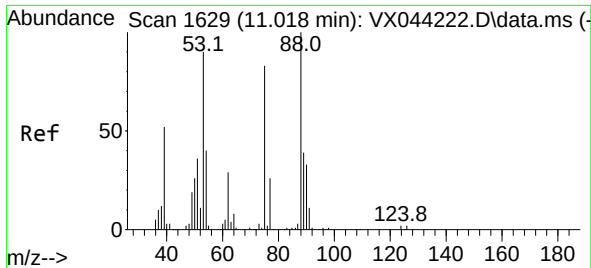
Tgt Ion: 75 Resp: 39507

Ion Ratio Lower Upper

75 100

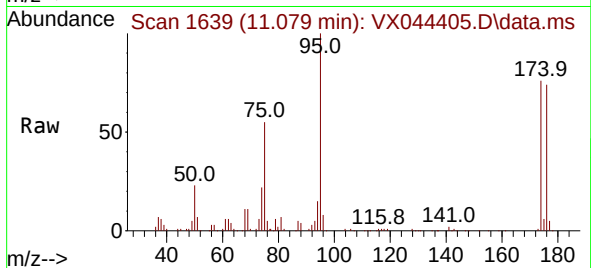
77 1.6 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.357 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044405.D
 Acq: 19 Dec 2024 01:47

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 39507
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.0 37.3 55.9#

