

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044316.D
 Acq On : 16 Dec 2024 12:15
 Operator : JC/MD
 Sample : P5288-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 17 00:47:49 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)

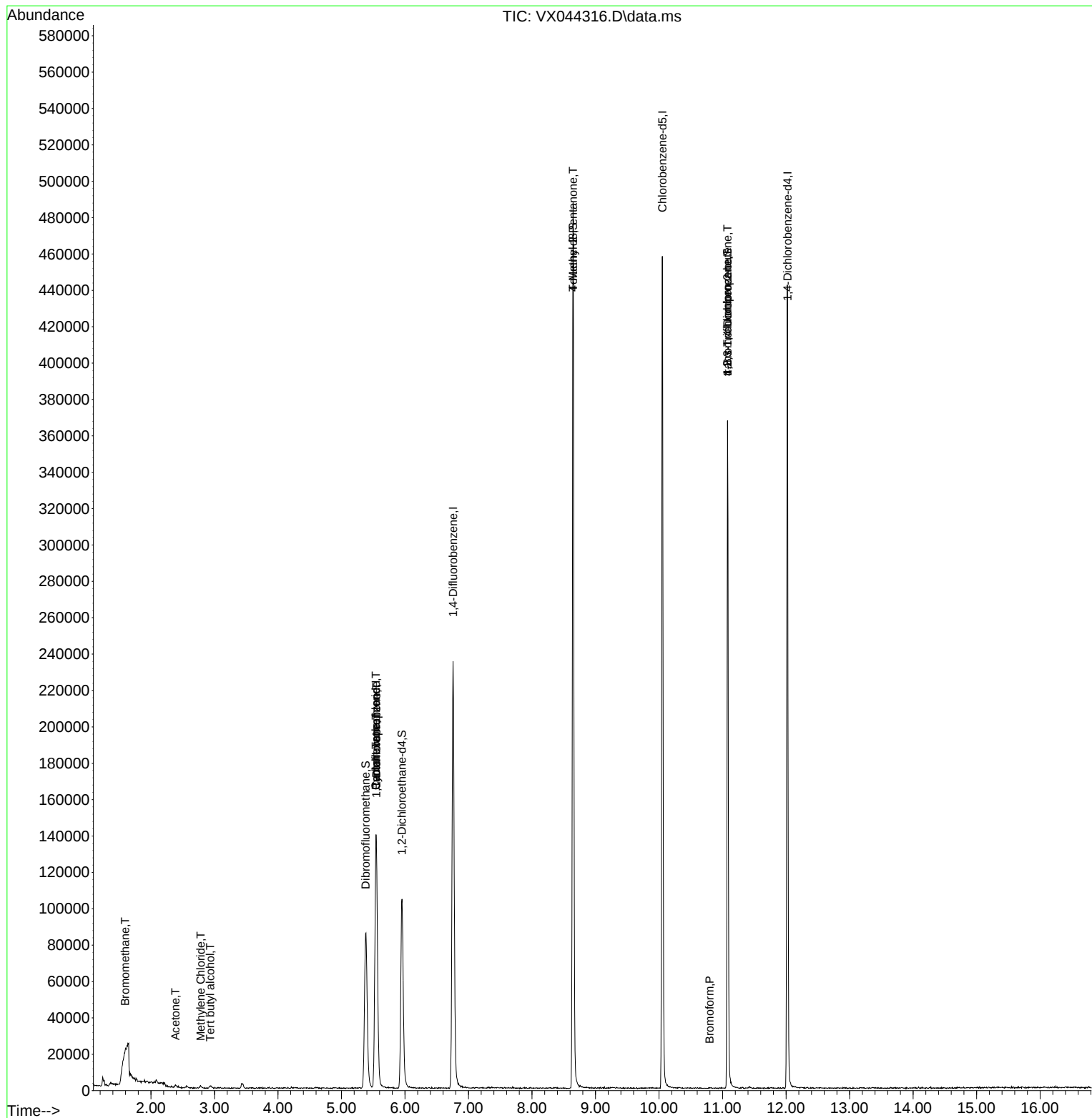
Internal Standards						
1) Pentafluorobenzene	5.544	168	125222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	233050	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104082	47.406	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.820%
35) Dibromofluoromethane	5.379	113	76483	47.385	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.760%
50) Toluene-d8	8.647	98	283377	52.039	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.080%
62) 4-Bromofluorobenzene	11.079	95	94564	49.698	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.400%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	404	0.295	ug/l #	27
11) Tert butyl alcohol	2.934	59	619	2.000	ug/l #	71
16) Acetone	2.386	43	1161	1.297	ug/l #	62
20) Methylene Chloride	2.782	84	397	0.236	ug/l #	83
31) Cyclohexane	5.544	56	3628	1.531	ug/l #	47
36) 1,1-Dichloropropene	5.550	75	11087	5.314	ug/l #	49
38) Carbon Tetrachloride	5.544	117	13553	6.034	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1280	0.494	ug/l #	1
71) Bromoform	10.799	173	46	1.280	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	53100	27.488	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	53100	75.557	ug/l #	4

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

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ClientSampleId :

Quant Time: Dec 17 00:47:49 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

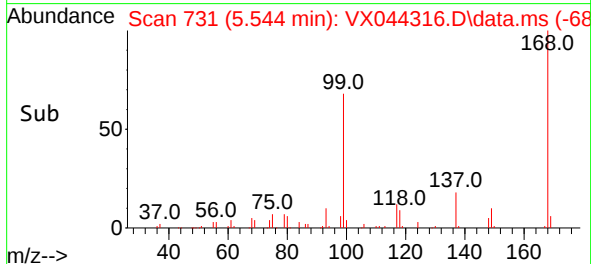
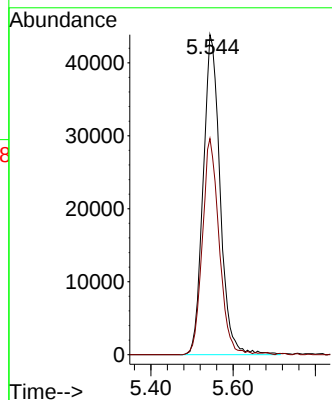
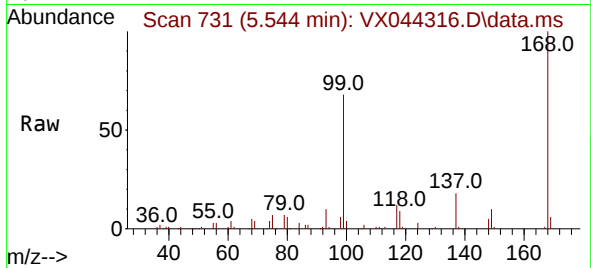




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044316.D
Acq: 16 Dec 2024 12:15

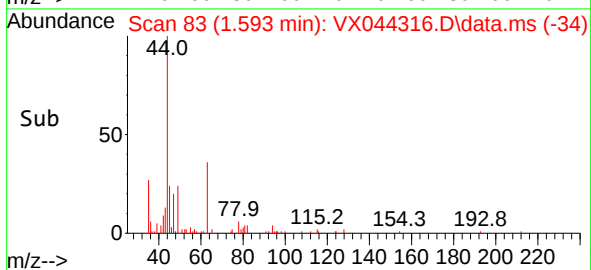
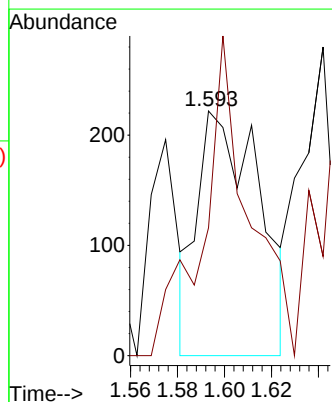
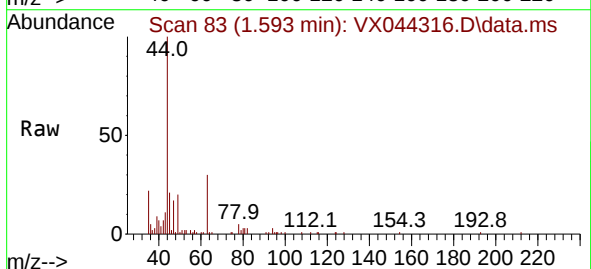
Instrument :
MSVOA_X
ClientSampleId :

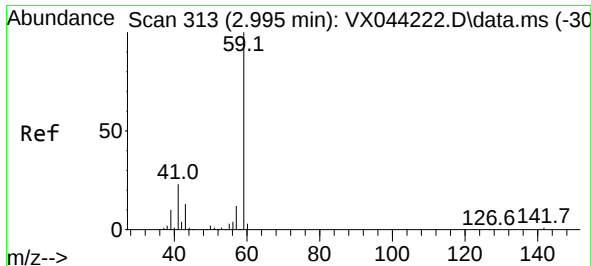
Tgt Ion:168 Resp: 125222
Ion Ratio Lower Upper
168 100
99 67.5 53.4 80.0



#5
Bromomethane
Concen: 0.295 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044316.D
Acq: 16 Dec 2024 12:15

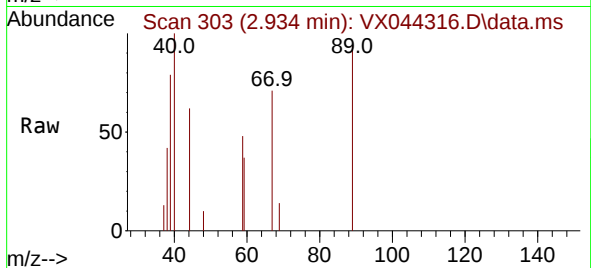
Tgt Ion: 94 Resp: 404
Ion Ratio Lower Upper
94 100
96 23.4 74.9 112.3#



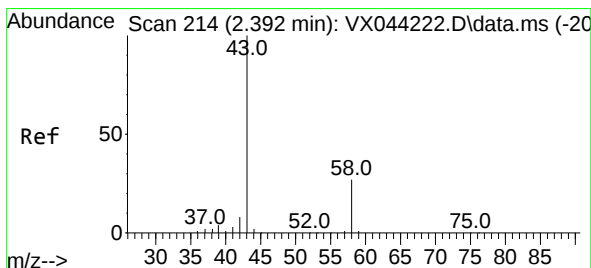
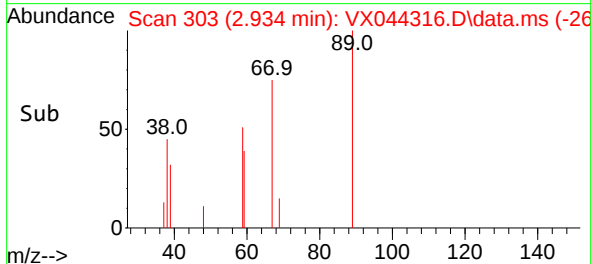
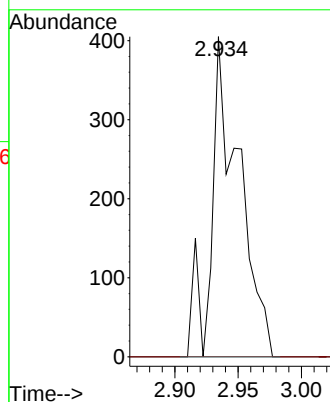


#11
Tert butyl alcohol
Concen: 2.000 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.061 min
Lab File: VX044316.D
Acq: 16 Dec 2024 12:15

Instrument :
MSVOA_X
ClientSampleId :

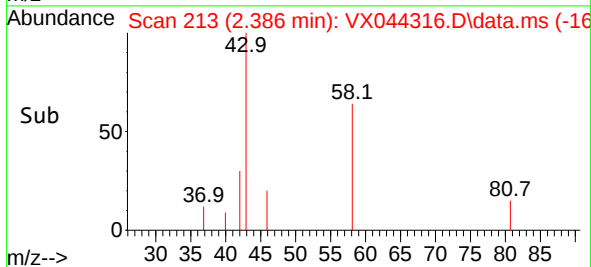
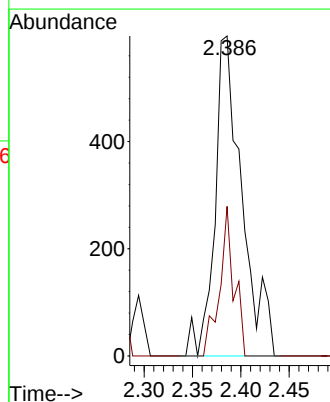
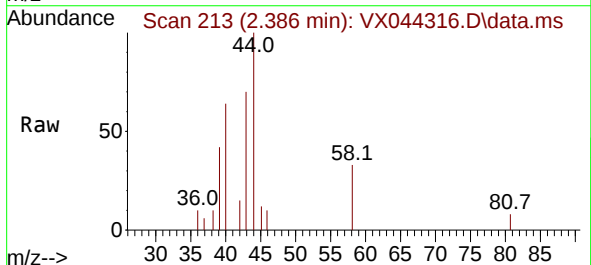


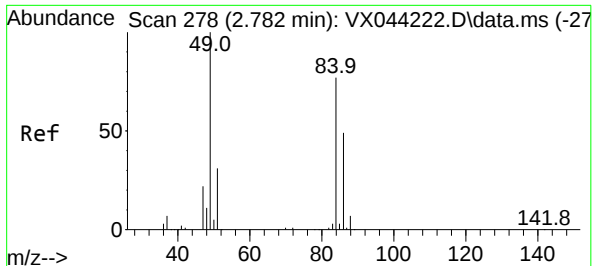
Tgt Ion: 59 Resp: 619
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 1.297 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044316.D
Acq: 16 Dec 2024 12:15

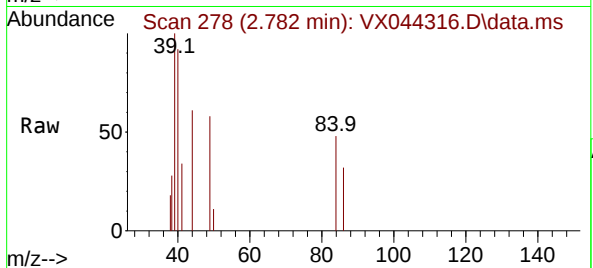
Tgt Ion: 43 Resp: 1161
Ion Ratio Lower Upper
43 100
58 46.7 21.6 32.4#



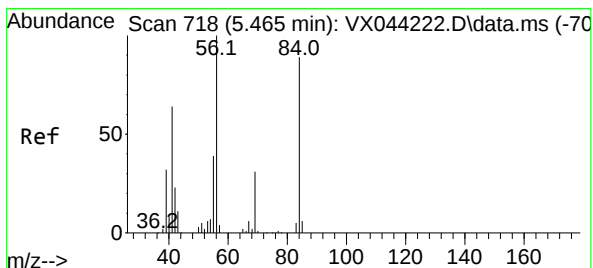
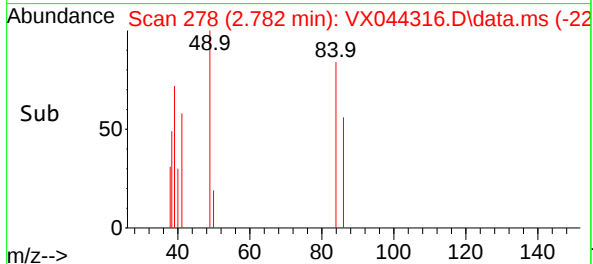
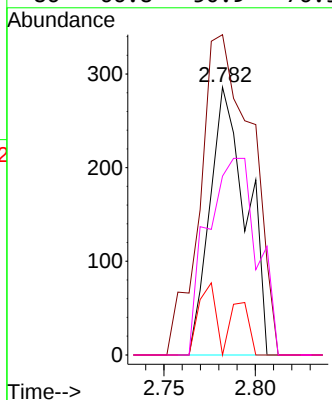


#20
Methylene Chloride
Concen: 0.236 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044316.D
Acq: 16 Dec 2024 12:15

Instrument :
MSVOA_X
ClientSampleId :

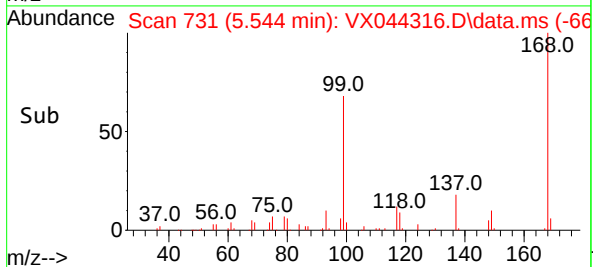
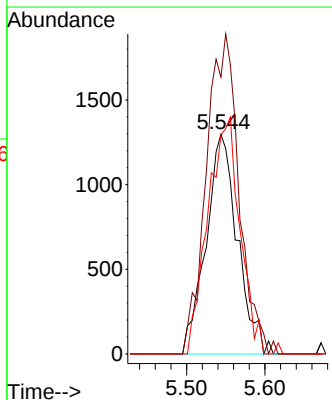
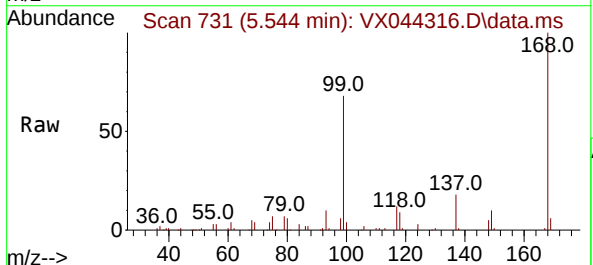


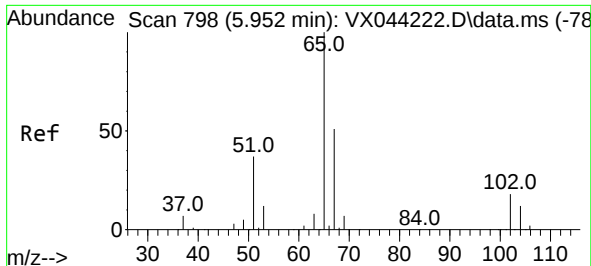
Tgt Ion:	84	Resp:	397
Ion	Ratio	Lower	Upper
84	100		
49	119.6	104.2	156.4
51	0.0	32.2	48.4#
86	66.8	50.9	76.3



#31
Cyclohexane
Concen: 1.531 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX044316.D
Acq: 16 Dec 2024 12:15

Tgt Ion:	56	Resp:	3628
Ion	Ratio	Lower	Upper
56	100		
69	126.1	24.7	37.1#
84	99.8	71.0	106.6





#33

1,2-Dichloroethane-d4

Concen: 47.406 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044316.D

Acq: 16 Dec 2024 12:15

Instrument :

MSVOA_X

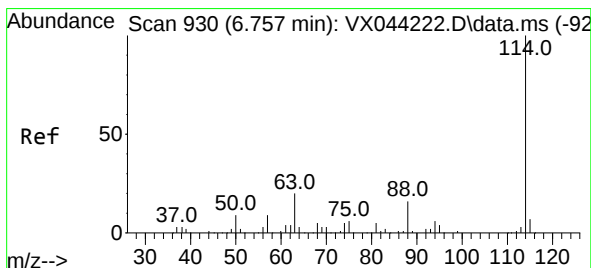
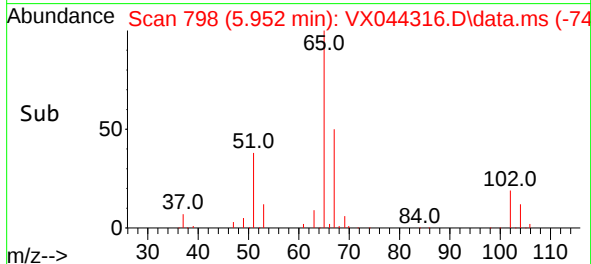
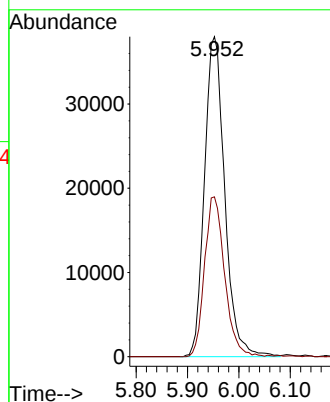
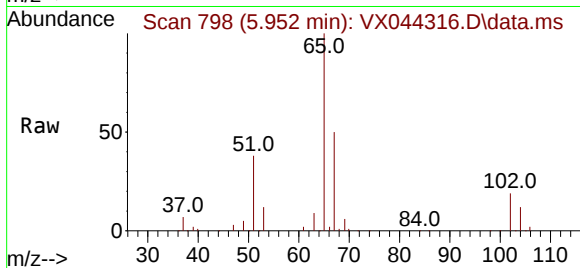
ClientSampleId :

Tgt Ion: 65 Resp: 104082

Ion Ratio Lower Upper

65 100

67 49.5 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044316.D

Acq: 16 Dec 2024 12:15

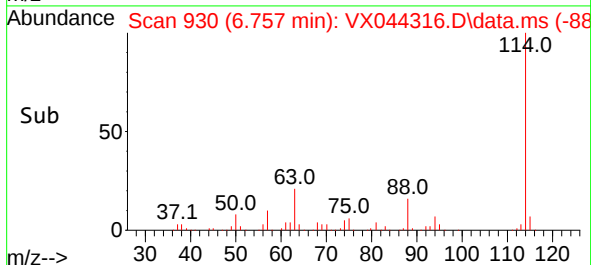
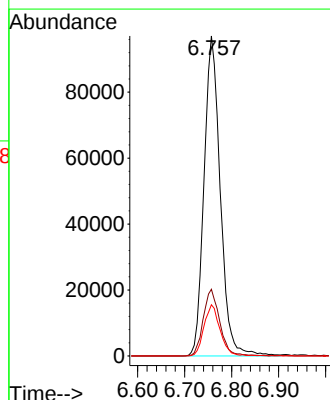
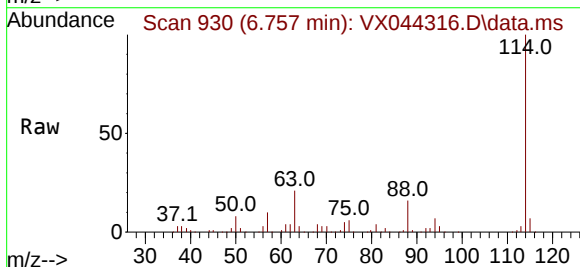
Tgt Ion: 114 Resp: 233050

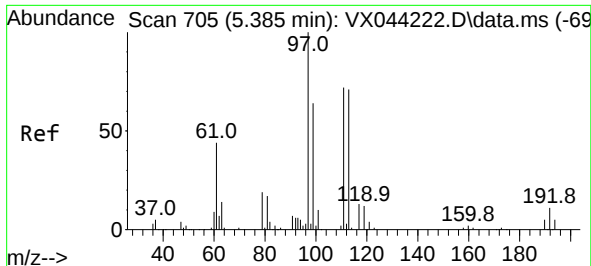
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.6

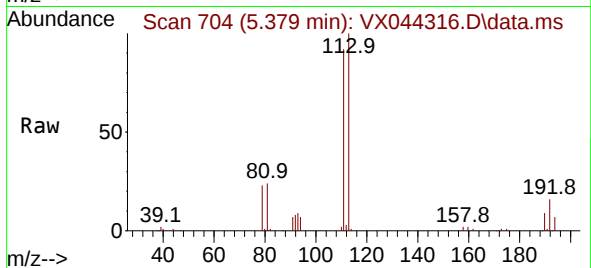
88 16.0 0.0 31.8



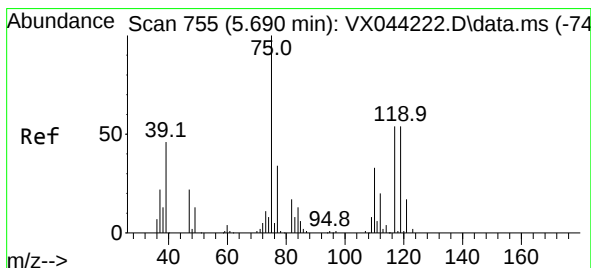
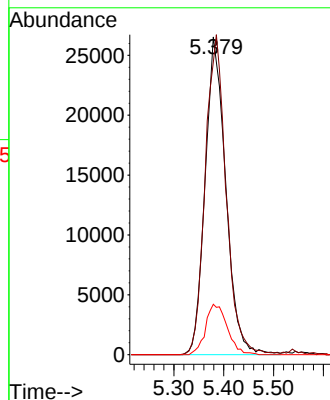
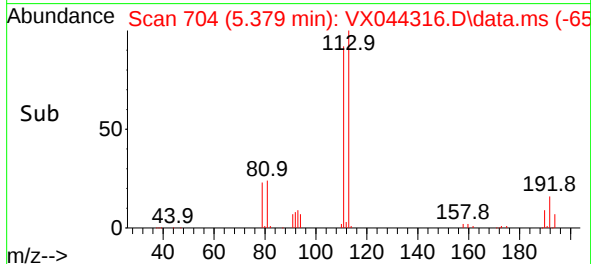


#35
Dibromofluoromethane
Concen: 47.385 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044316.D
Acq: 16 Dec 2024 12:15

Instrument :
MSVOA_X
ClientSampleId :

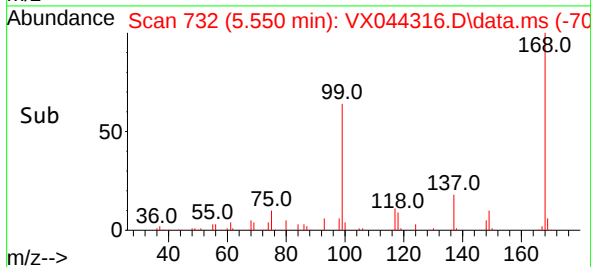
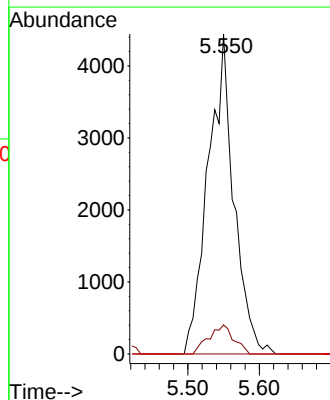
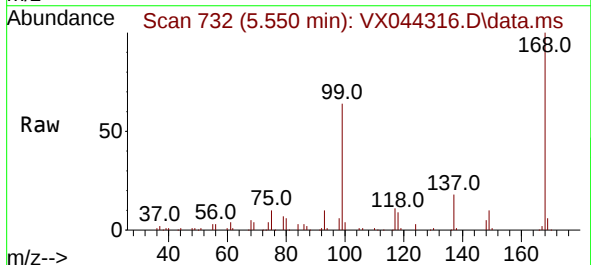


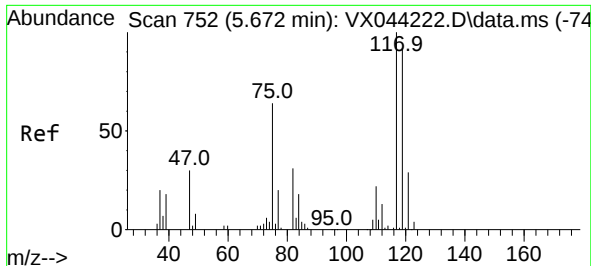
Tgt Ion:113 Resp: 76483
Ion Ratio Lower Upper
113 100
111 101.5 80.4 120.6
192 16.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.314 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX044316.D
Acq: 16 Dec 2024 12:15

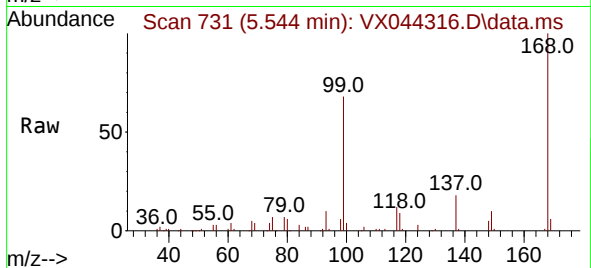
Tgt Ion: 75 Resp: 11087
Ion Ratio Lower Upper
75 100
110 8.8 17.3 51.7#
77 0.0 25.4 38.0#



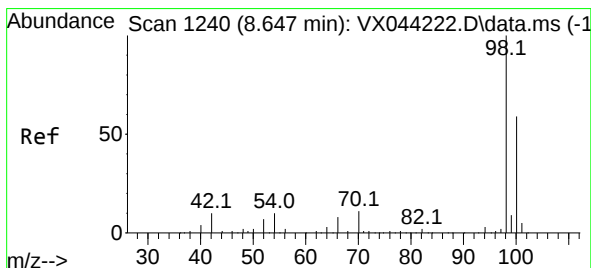
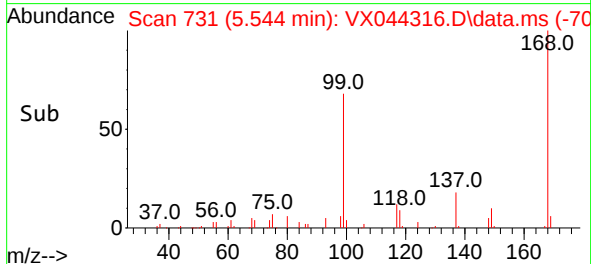
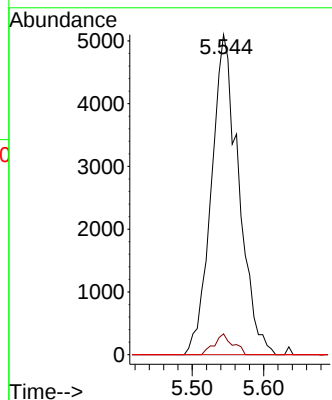


#38
Carbon Tetrachloride
Concen: 6.034 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044316.D
Acq: 16 Dec 2024 12:15

Instrument :
MSVOA_X
ClientSampleId :

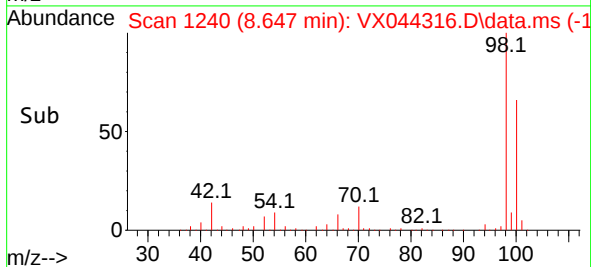
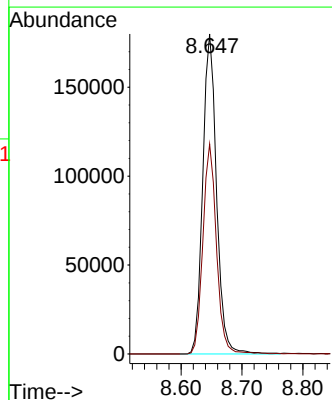
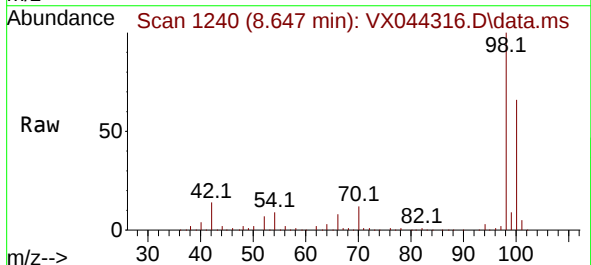


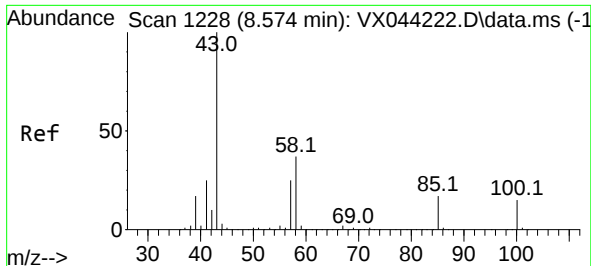
Tgt Ion:117 Resp: 13553
Ion Ratio Lower Upper
117 100
119 6.5 74.2 111.4#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 52.039 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044316.D
Acq: 16 Dec 2024 12:15

Tgt Ion: 98 Resp: 283377
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3

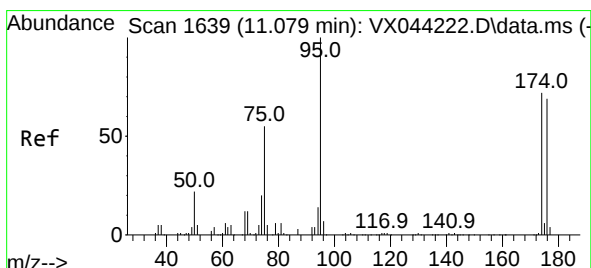
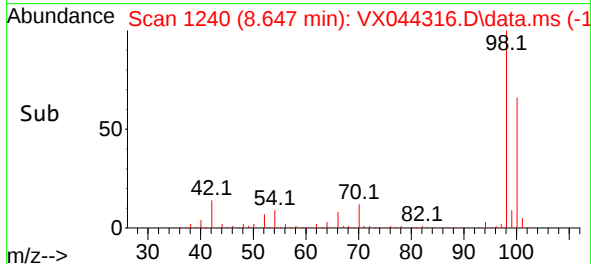
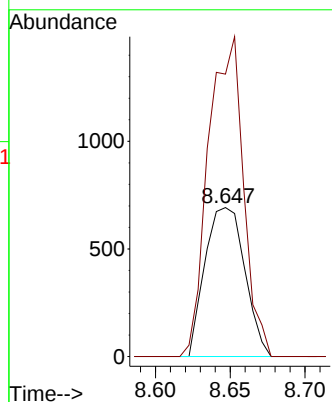
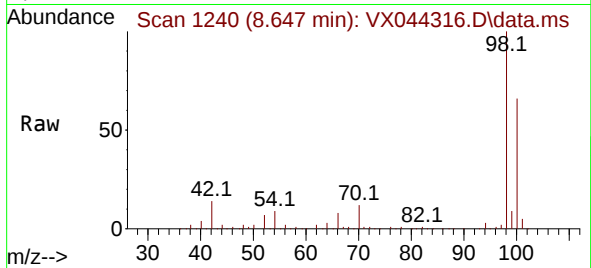




#51
4-Methyl-2-Pentanone
Concen: 0.494 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX044316.D
Acq: 16 Dec 2024 12:15

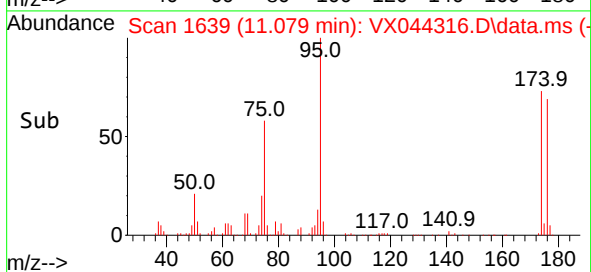
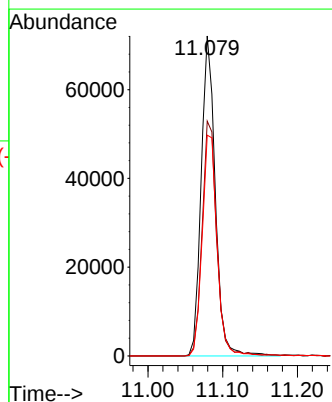
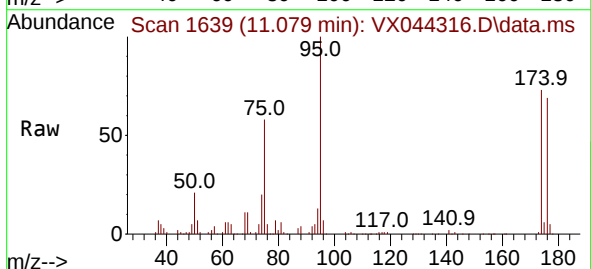
Instrument :
MSVOA_X
ClientSampleId :

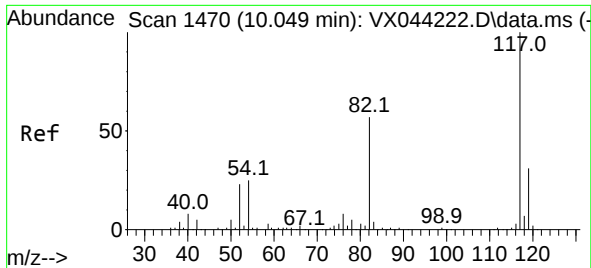
Tgt Ion: 43 Resp: 1280
Ion Ratio Lower Upper
43 100
58 189.2 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 49.698 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044316.D
Acq: 16 Dec 2024 12:15

Tgt Ion: 95 Resp: 94564
Ion Ratio Lower Upper
95 100
174 75.3 0.0 145.8
176 73.0 0.0 137.8

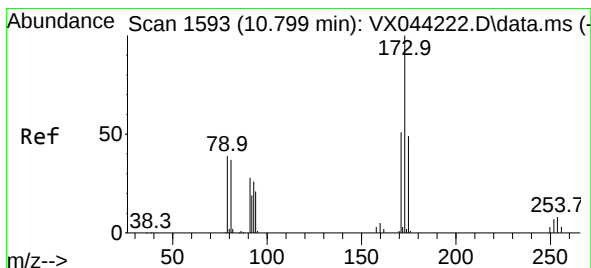
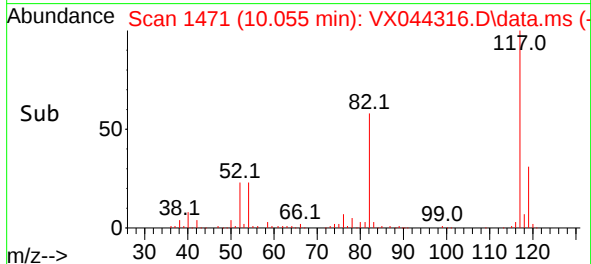
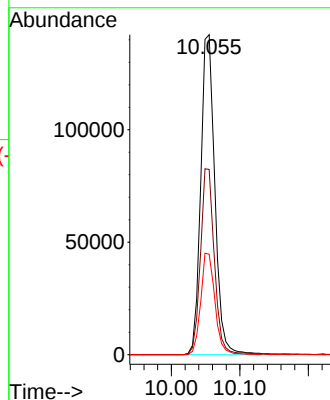
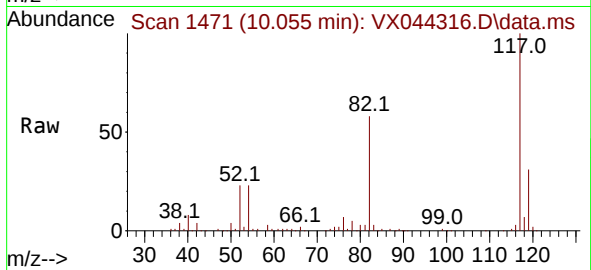




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044316.D
Acq: 16 Dec 2024 12:15

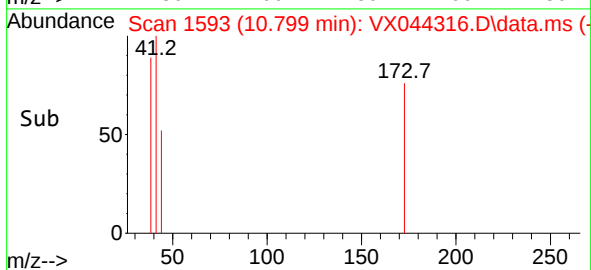
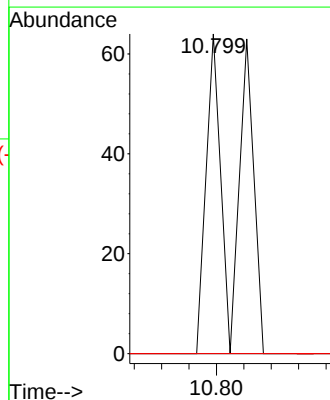
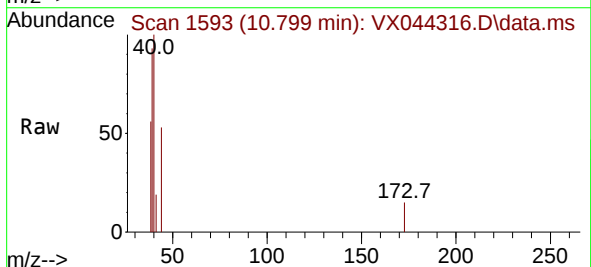
Instrument :
MSVOA_X
ClientSampleId :

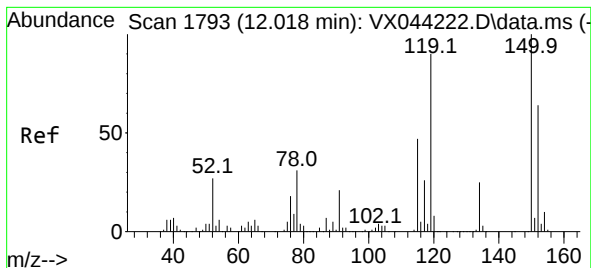
Tgt Ion:117 Resp: 204802
Ion Ratio Lower Upper
117 100
82 57.9 45.8 68.8
119 31.4 25.0 37.4



#71
Bromoform
Concen: 1.280 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044316.D
Acq: 16 Dec 2024 12:15

Tgt Ion:173 Resp: 46
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044316.D

Acq: 16 Dec 2024 12:15

Instrument :

MSVOA_X

ClientSampleId :

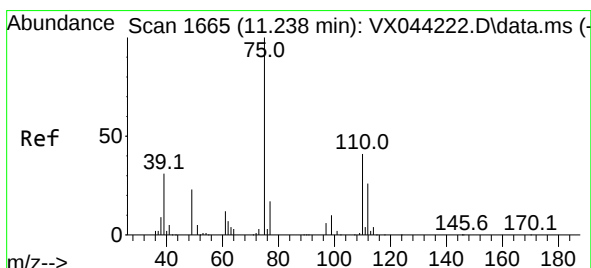
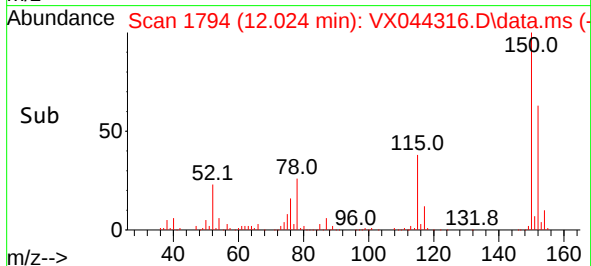
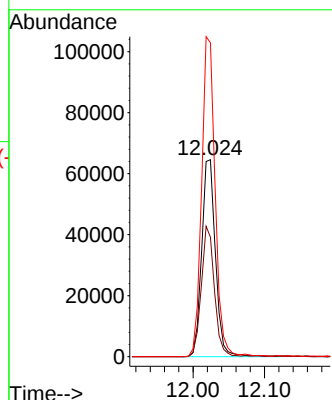
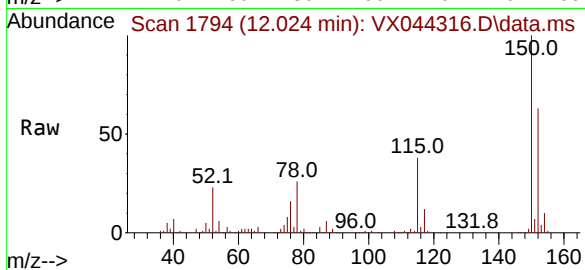
Tgt Ion:152 Resp: 86519

Ion Ratio Lower Upper

152 100

115 62.6 44.5 133.3

150 159.2 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 27.488 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044316.D

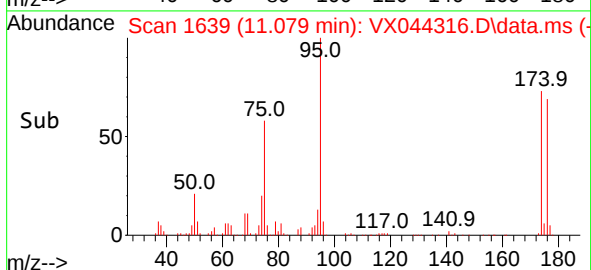
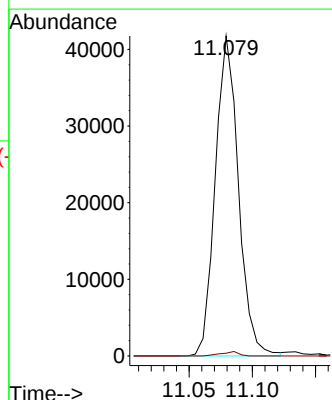
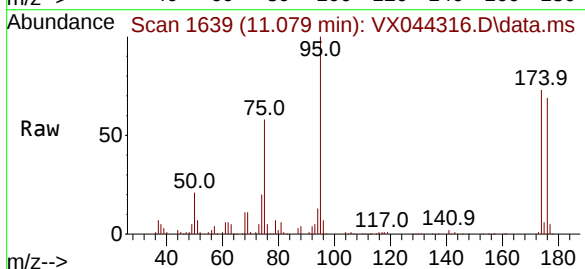
Acq: 16 Dec 2024 12:15

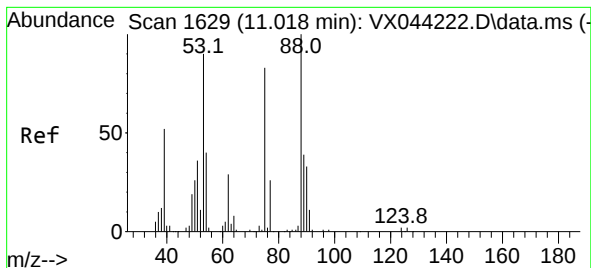
Tgt Ion: 75 Resp: 53100

Ion Ratio Lower Upper

75 100

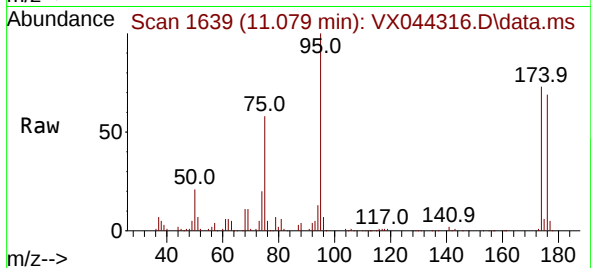
77 1.0 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.557 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044316.D
 Acq: 16 Dec 2024 12:15

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 53100
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.0 37.3 55.9#

