

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101824\
 Data File : VX043435.D
 Acq On : 18 Oct 2024 15:32
 Operator : JC/MD
 Sample : P4438-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 18 23:21:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

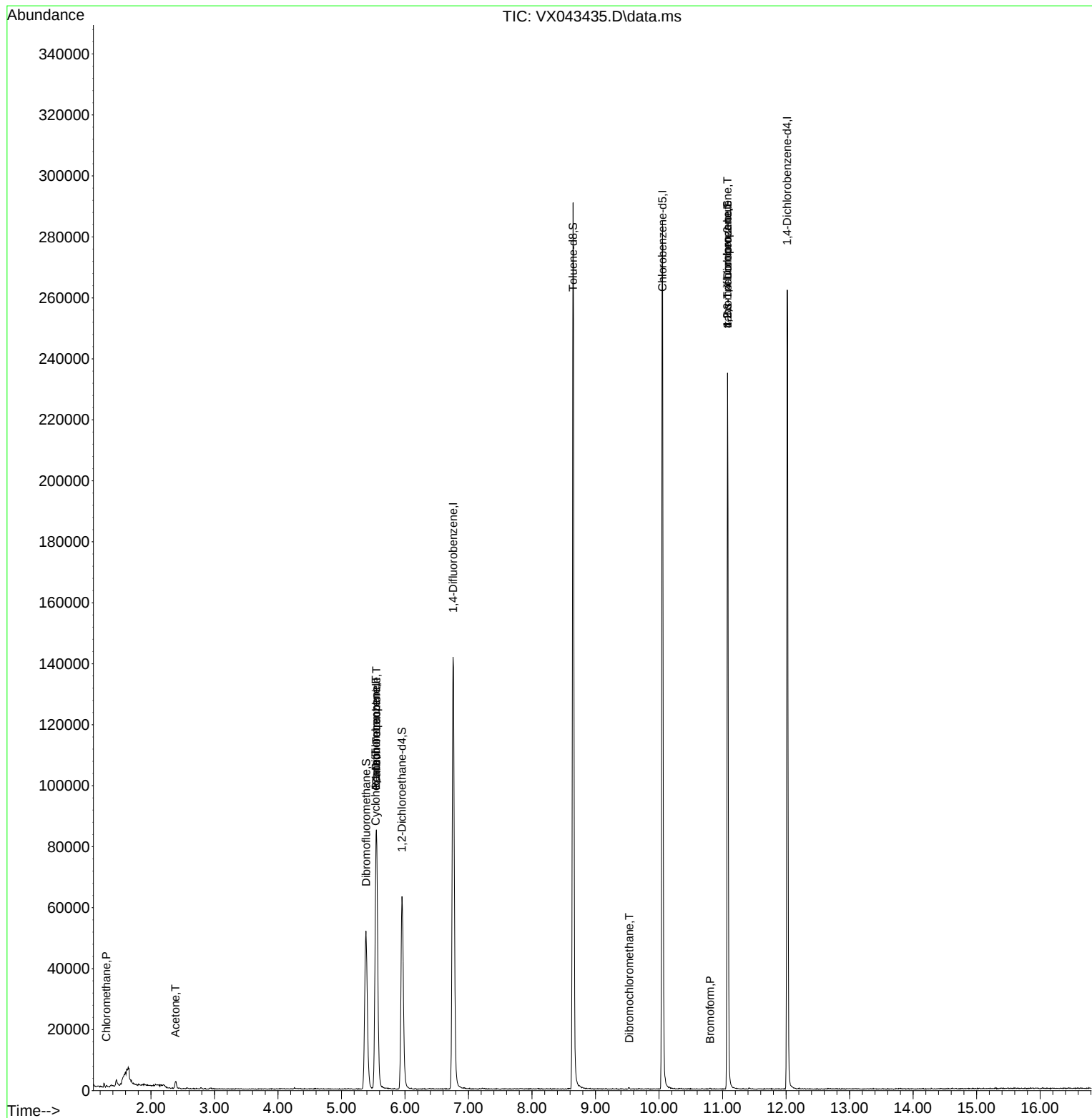
Internal Standards						
1) Pentafluorobenzene	5.544	168	78128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	143990	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65103	51.023	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.040%	
35) Dibromofluoromethane	5.385	113	45881	46.204	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.400%	
50) Toluene-d8	8.647	98	175458	50.987	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	11.079	95	62208	49.759	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	382	0.408	ug/l #	81
16) Acetone	2.386	43	2982	5.596	ug/l	92
31) Cyclohexane	5.538	56	1818	1.320	ug/l #	28
36) 1,1-Dichloropropene	5.544	75	6885	5.488	ug/l #	51
38) Carbon Tetrachloride	5.550	117	9008	6.066	ug/l #	14
60) Dibromochloromethane	9.531	129	380	0.346	ug/l	72
71) Bromoform	10.805	173	180	0.243	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	34022	29.305	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	34022	75.949	ug/l #	8

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

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Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration



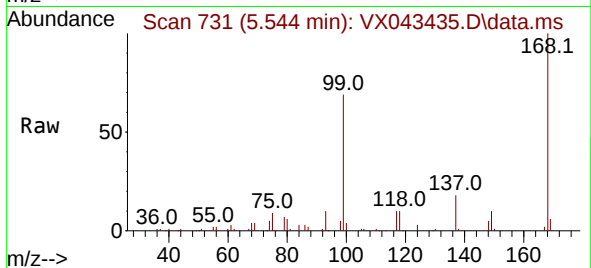


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043435.D
Acq: 18 Oct 2024 15:32

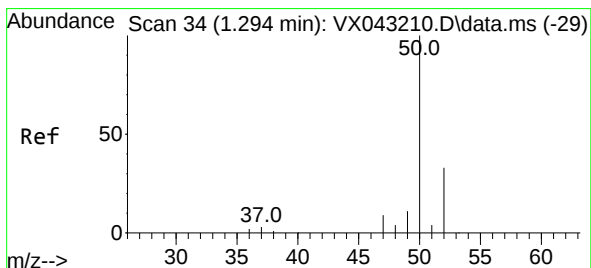
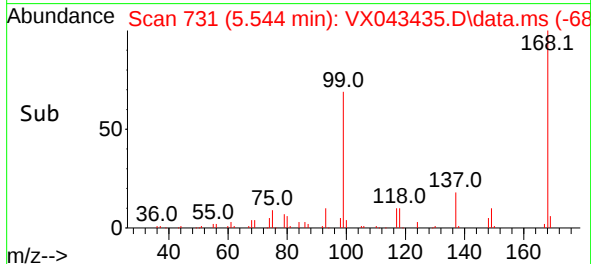
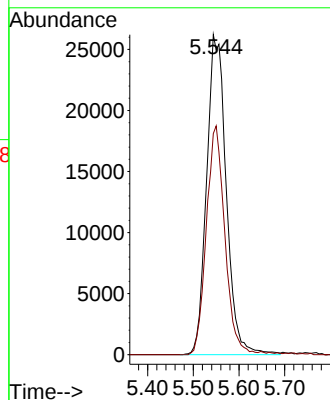
Instrument :

MSVOA_X

ClientSampleId :

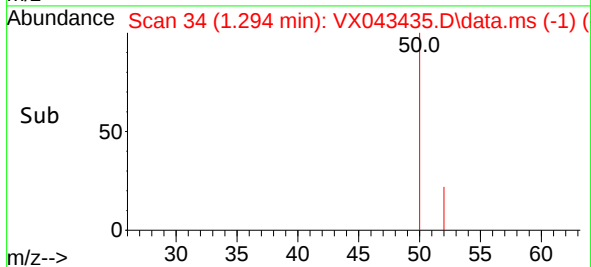
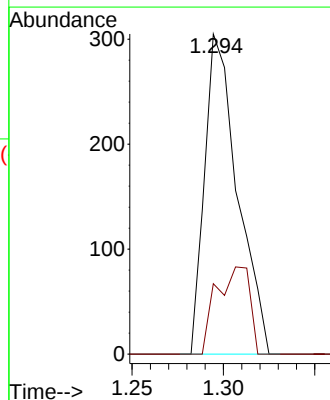
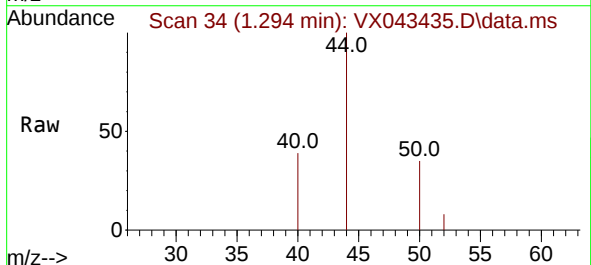


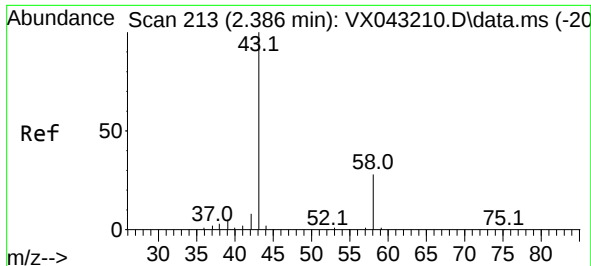
Tgt Ion:168 Resp: 78128
Ion Ratio Lower Upper
168 100
99 69.1 49.7 74.5



#3
Chloromethane
Concen: 0.408 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043435.D
Acq: 18 Oct 2024 15:32

Tgt Ion: 50 Resp: 382
Ion Ratio Lower Upper
50 100
52 22.0 26.1 39.1#





#16

Acetone

Concen: 5.596 ug/l

RT: 2.386 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX043435.D

Acq: 18 Oct 2024 15:32

Instrument :

MSVOA_X

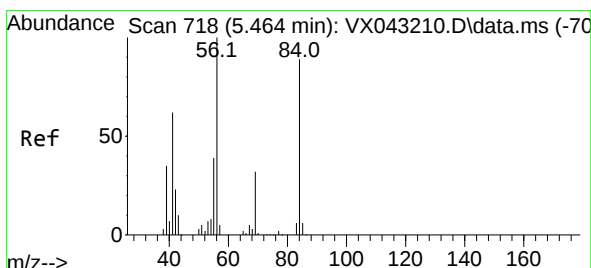
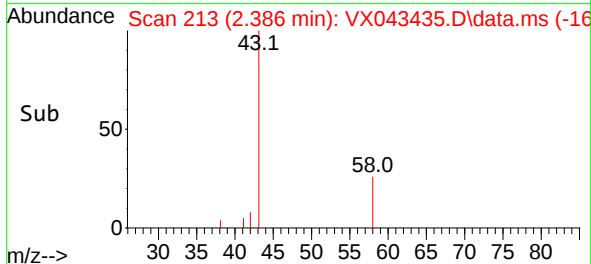
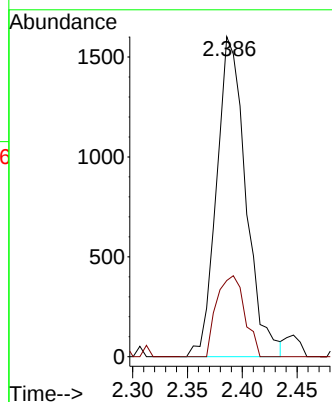
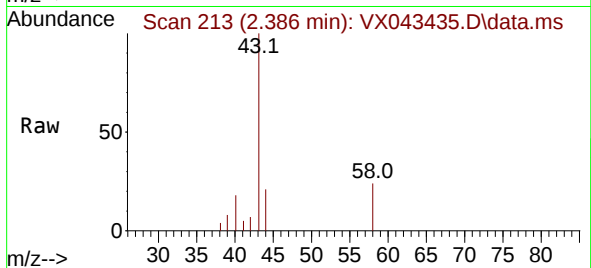
ClientSampleId :

Tgt Ion: 43 Resp: 2982

Ion Ratio Lower Upper

43 100

58 23.8 22.6 33.8



#31

Cyclohexane

Concen: 1.320 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.073 min

Lab File: VX043435.D

Acq: 18 Oct 2024 15:32

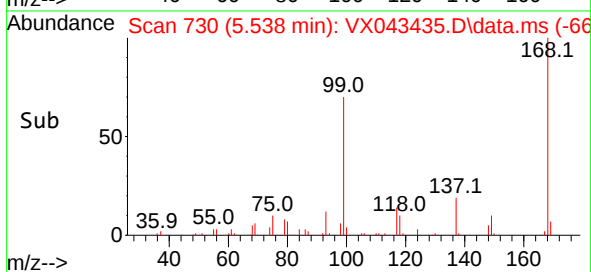
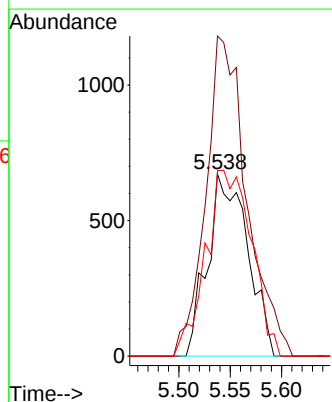
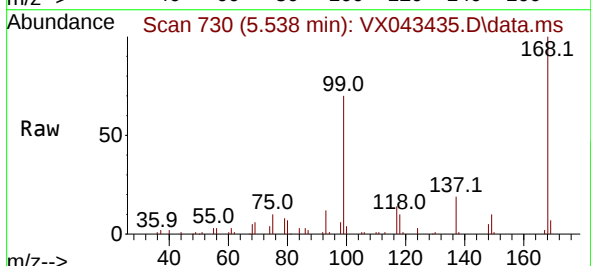
Tgt Ion: 56 Resp: 1818

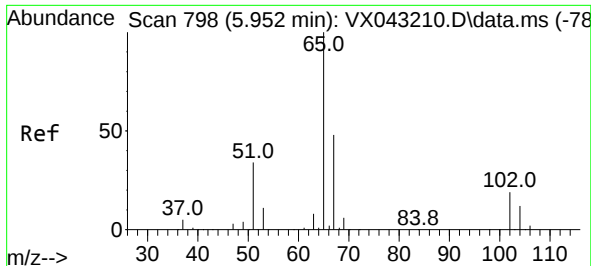
Ion Ratio Lower Upper

56 100

69 162.4 25.8 38.6#

84 101.8 71.1 106.7





#33

1,2-Dichloroethane-d4

Concen: 51.023 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043435.D

Acq: 18 Oct 2024 15:32

Instrument :

MSVOA_X

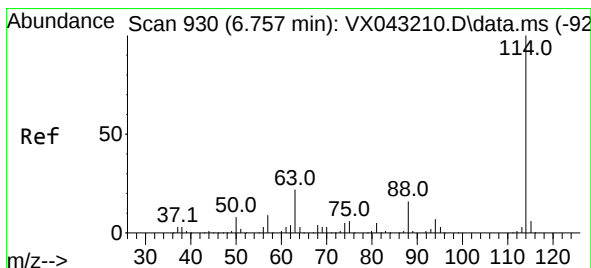
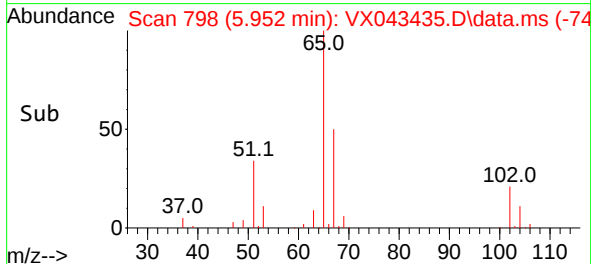
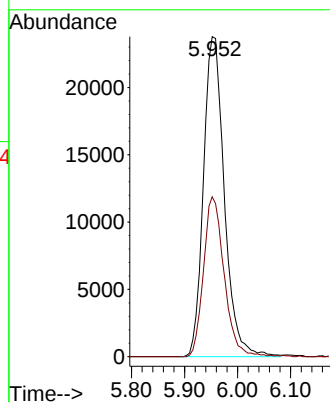
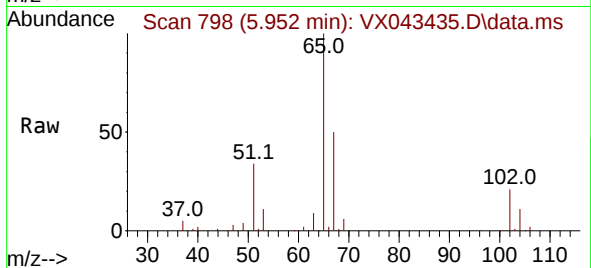
ClientSampleId :

Tgt Ion: 65 Resp: 65103

Ion Ratio Lower Upper

65 100

67 49.3 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043435.D

Acq: 18 Oct 2024 15:32

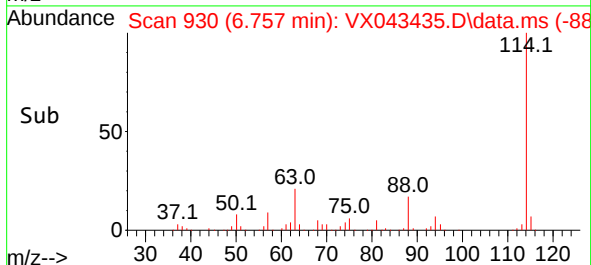
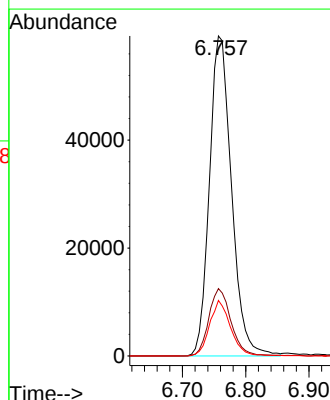
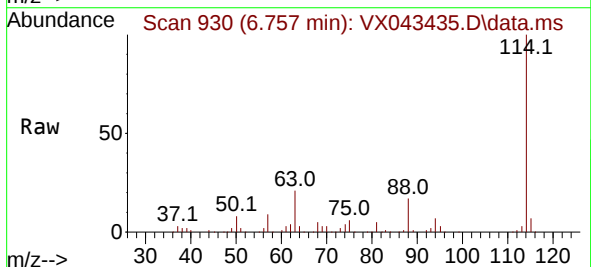
Tgt Ion: 114 Resp: 143990

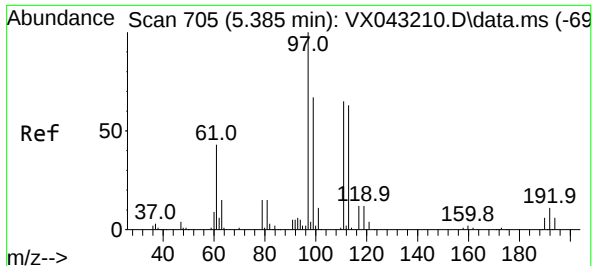
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.0

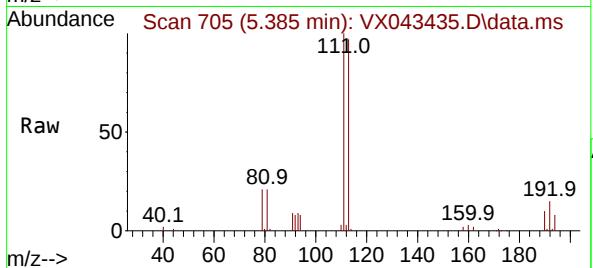
88 17.3 0.0 33.0



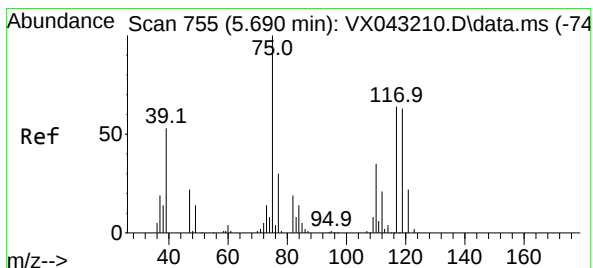
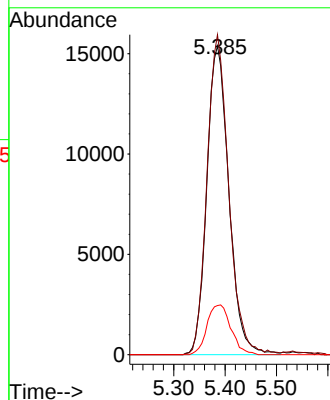
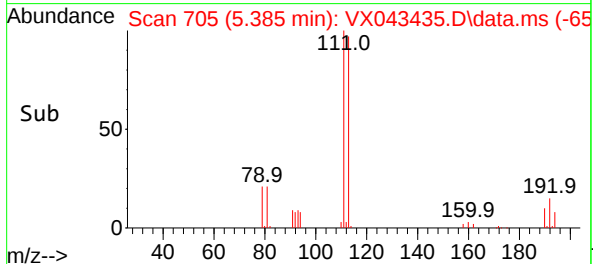


#35
Dibromofluoromethane
Concen: 46.204 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043435.D
Acq: 18 Oct 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :

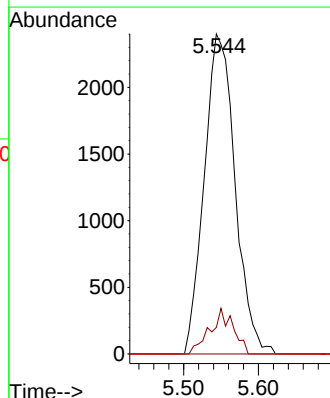
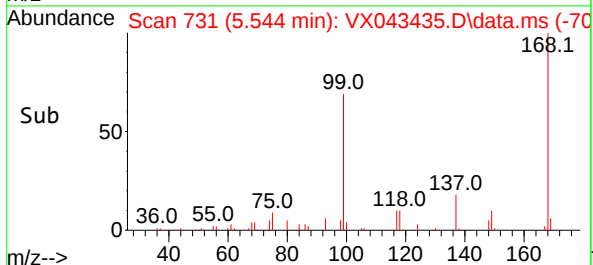
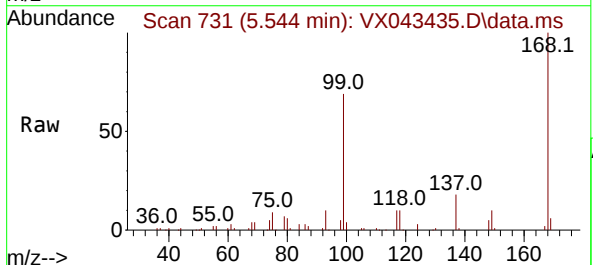


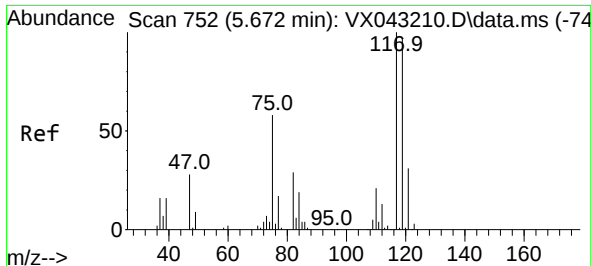
Tgt Ion:113 Resp: 45881
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.0
192 17.5 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.488 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX043435.D
Acq: 18 Oct 2024 15:32

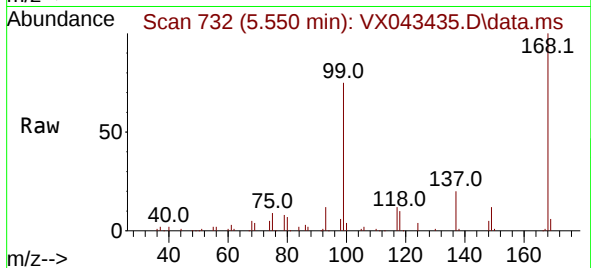
Tgt Ion: 75 Resp: 6885
Ion Ratio Lower Upper
75 100
110 10.7 17.8 53.3#
77 0.0 24.9 37.3#



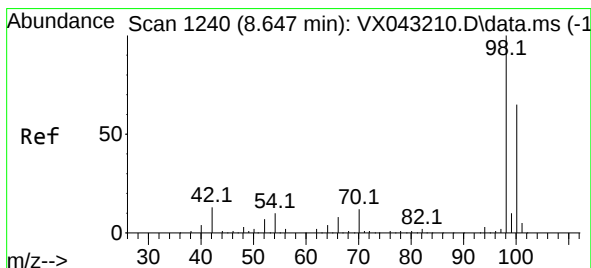
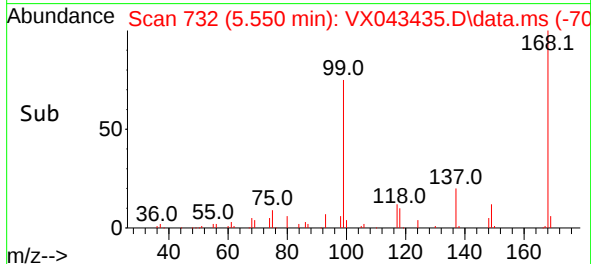
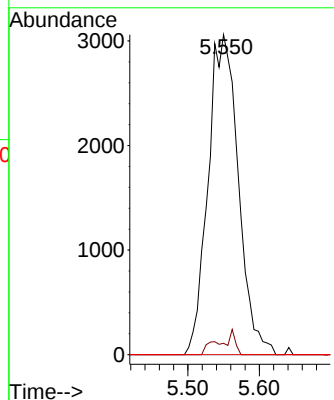


#38
Carbon Tetrachloride
Concen: 6.066 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043435.D
Acq: 18 Oct 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :

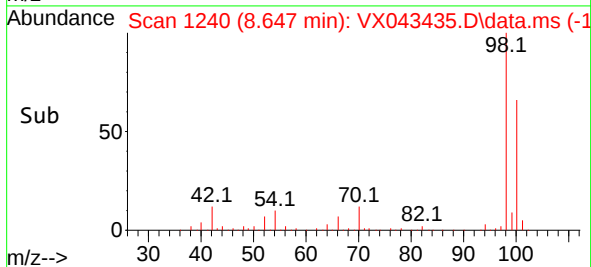
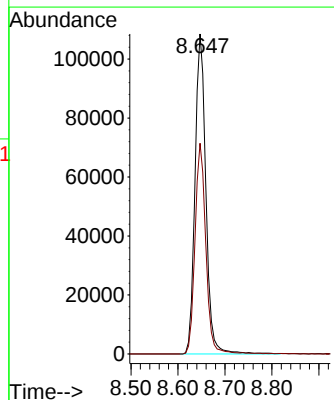
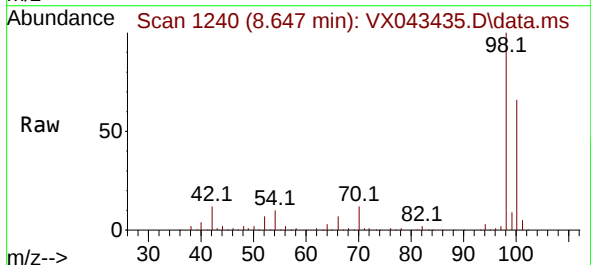


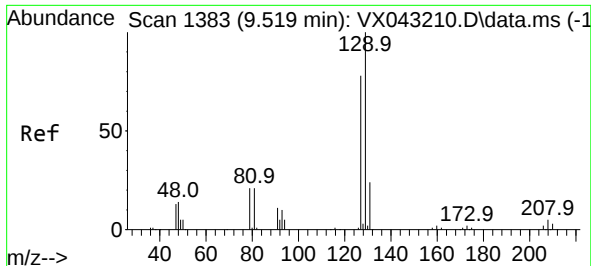
Tgt Ion:117 Resp: 9008
Ion Ratio Lower Upper
117 100
119 3.5 77.7 116.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 50.987 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043435.D
Acq: 18 Oct 2024 15:32

Tgt Ion: 98 Resp: 175458
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

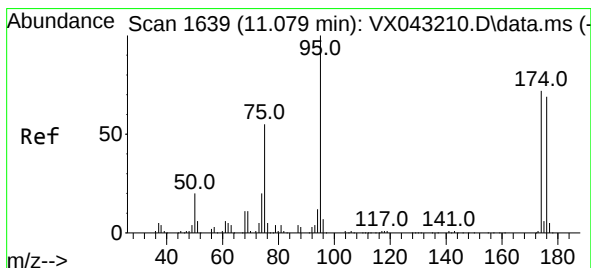
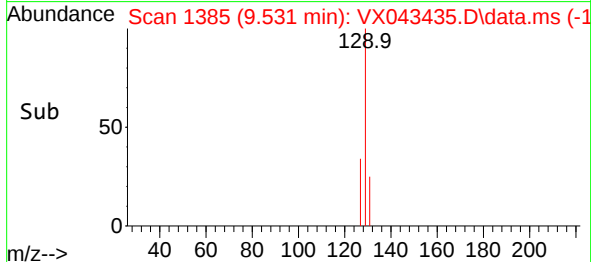
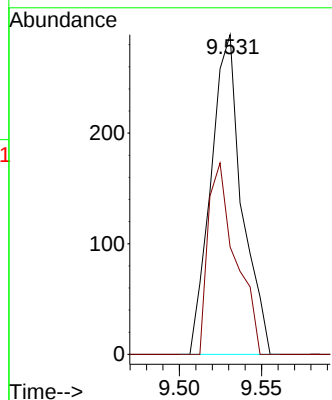
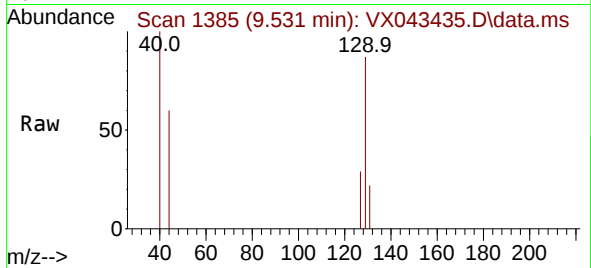




#60
Dibromochloromethane
Concen: 0.346 ug/l
RT: 9.531 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX043435.D
Acq: 18 Oct 2024 15:32

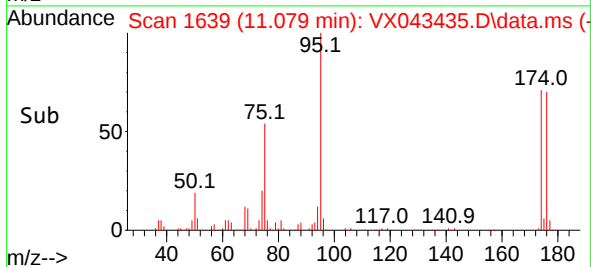
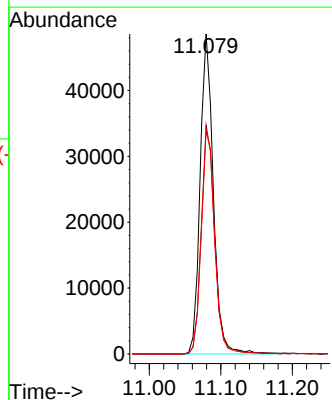
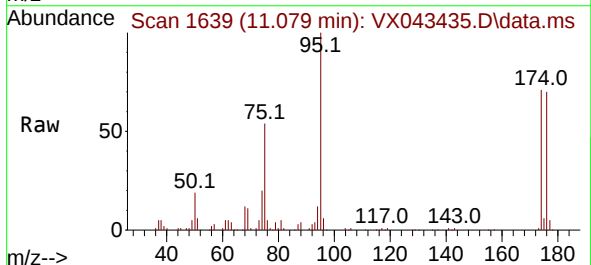
Instrument :
MSVOA_X
ClientSampleId :

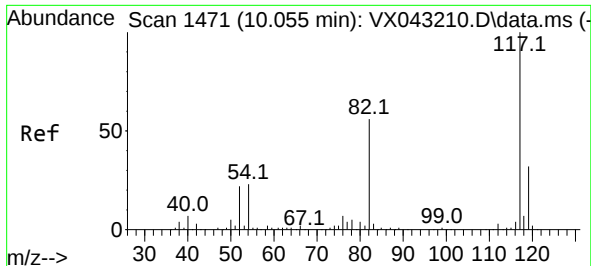
Tgt Ion:129 Resp: 380
Ion Ratio Lower Upper
129 100
127 52.9 38.3 114.9



#62
4-Bromofluorobenzene
Concen: 49.759 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043435.D
Acq: 18 Oct 2024 15:32

Tgt Ion: 95 Resp: 62208
Ion Ratio Lower Upper
95 100
174 72.7 0.0 145.0
176 70.8 0.0 143.0

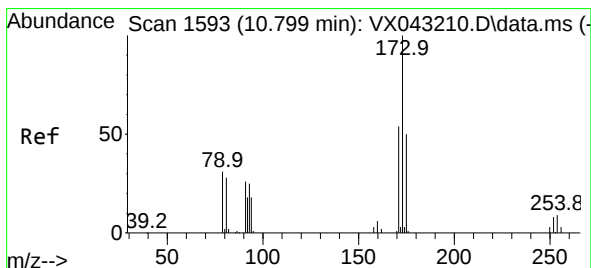
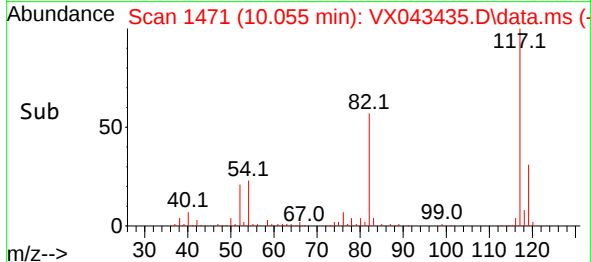
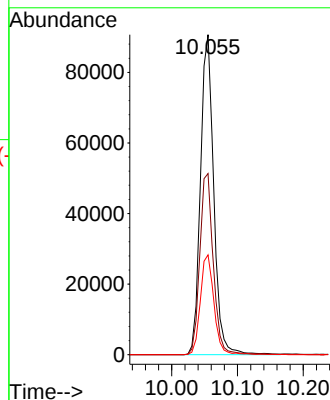
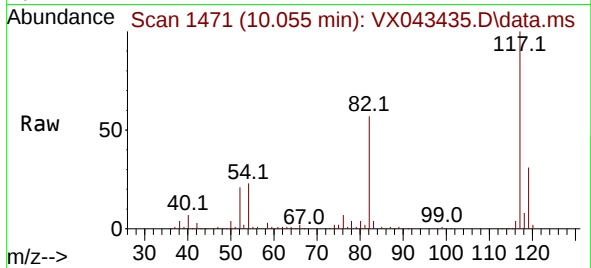




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043435.D
Acq: 18 Oct 2024 15:32

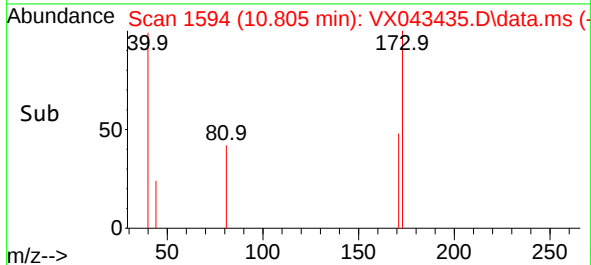
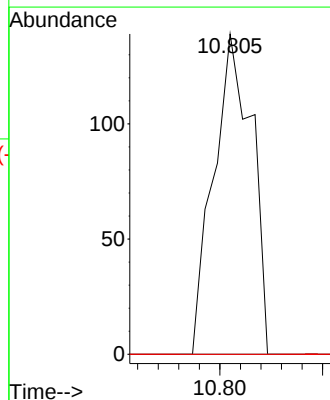
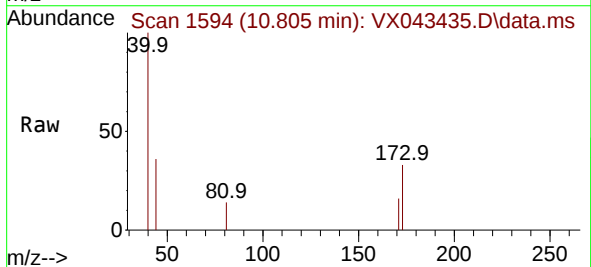
Instrument :
MSVOA_X
ClientSampleId :

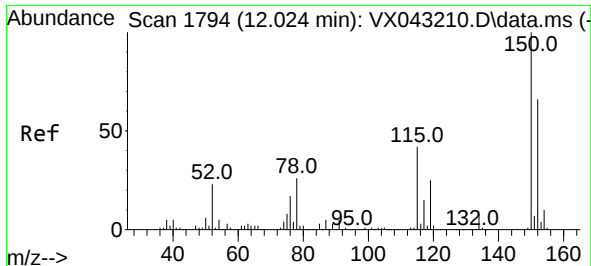
Tgt Ion:117 Resp: 127313
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.6
119 31.2 25.3 37.9



#71
Bromoform
Concen: 0.243 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX043435.D
Acq: 18 Oct 2024 15:32

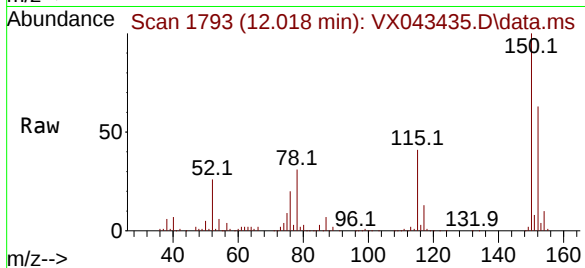
Tgt Ion:173 Resp: 180
Ion Ratio Lower Upper
173 100
175 0.0 24.3 72.9#
254 0.0 0.0 0.0



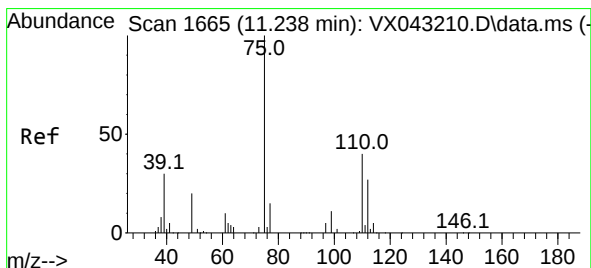
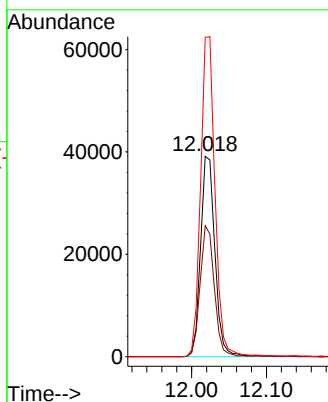
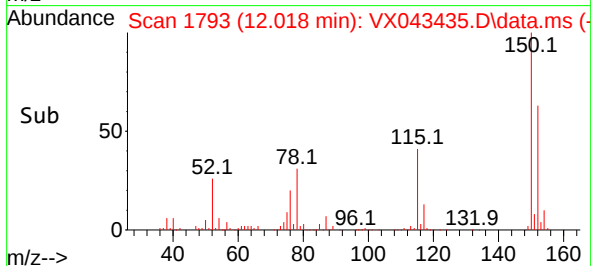


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX043435.D
Acq: 18 Oct 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :

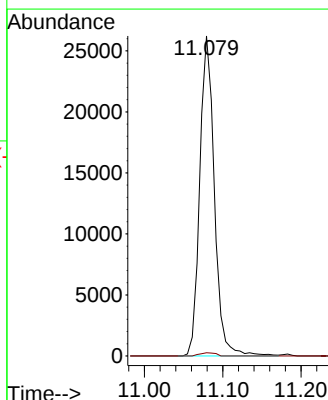
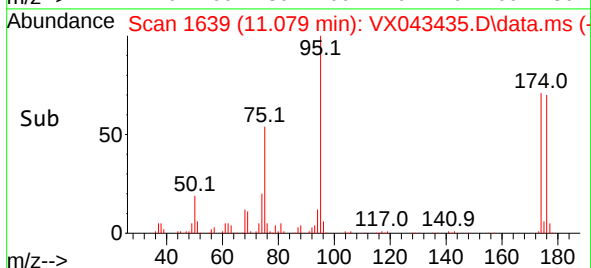
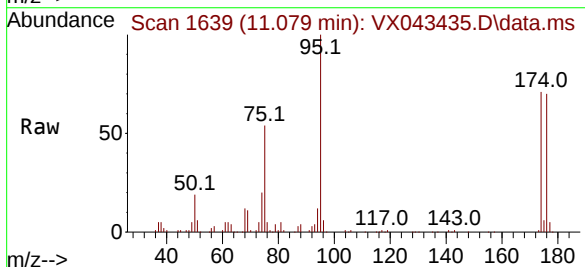


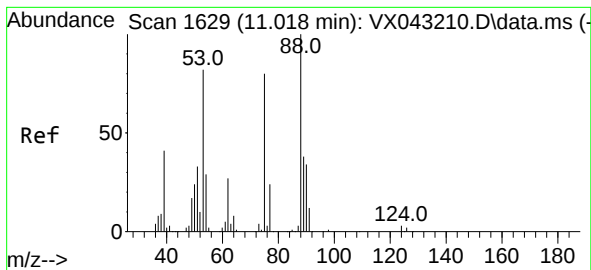
Tgt Ion:152 Resp: 52340
Ion Ratio Lower Upper
152 100
115 65.0 44.1 132.3
150 160.4 0.0 347.4



#76
1,2,3-Trichloropropane
Concen: 29.305 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043435.D
Acq: 18 Oct 2024 15:32

Tgt Ion: 75 Resp: 34022
Ion Ratio Lower Upper
75 100
77 1.1 22.0 66.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.949 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043435.D
 Acq: 18 Oct 2024 15:32

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 34022
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.9 125.9#
 89 0.0 38.6 58.0#

