

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044489.D
 Acq On : 23 Dec 2024 18:40
 Operator : JC/MD
 Sample : P5317-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 22:15:20 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	5.544	168	128956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226548	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84907	50.000	ug/l	0.00

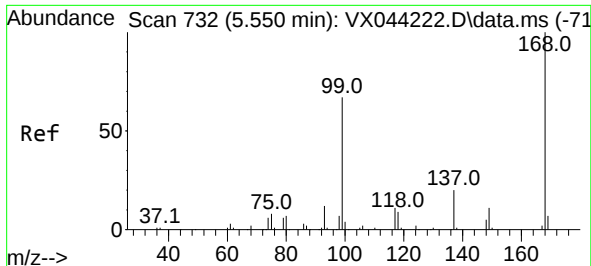
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100266	44.345	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.700%
35) Dibromofluoromethane	5.379	113	78804	50.224	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.440%
50) Toluene-d8	8.647	98	287703	54.350	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.700%
62) 4-Bromofluorobenzene	11.079	95	92913	50.232	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.460%

Target Compounds			Qvalue			
5) Bromomethane	1.605	94	313	0.222	ug/l #	80
6) Chloroethane	1.630	64	341	0.276	ug/l #	41
16) Acetone	2.386	43	823	0.893	ug/l	91
29) Tetrahydrofuran	5.032	42	749	0.890	ug/l #	79
31) Cyclohexane	5.544	56	3296	1.351	ug/l #	48
36) 1,1-Dichloropropene	5.544	75	10698	5.275	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13560	6.210	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	1601	0.635	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49652	26.191	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	49652	72.255	ug/l #	4

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

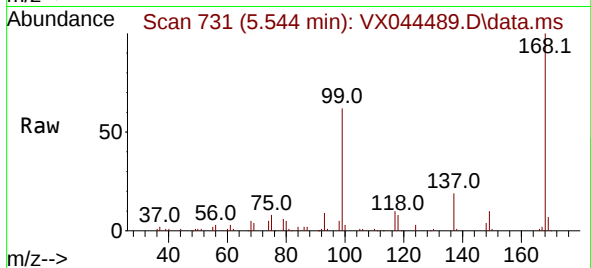
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



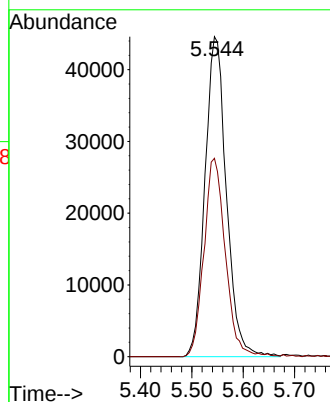
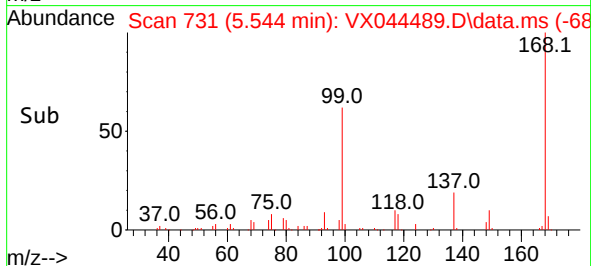


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044489.D
Acq: 23 Dec 2024 18:40

Instrument :
MSVOA_X
ClientSampleId :

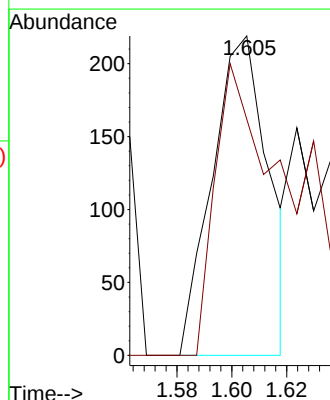
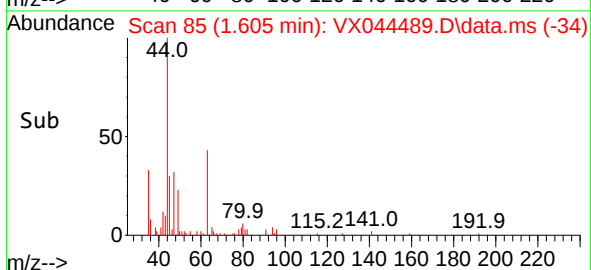
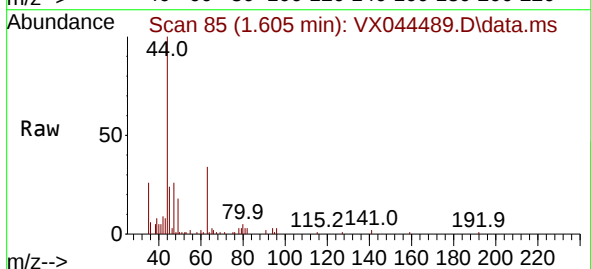


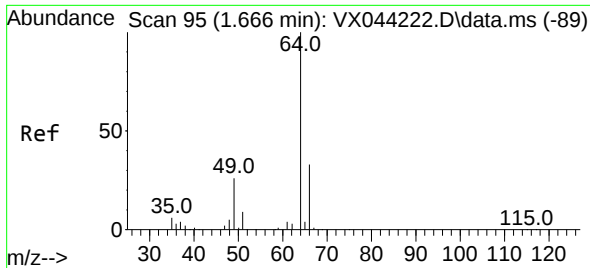
Tgt Ion:168 Resp: 128956
Ion Ratio Lower Upper
168 100
99 62.0 53.4 80.0



#5
Bromomethane
Concen: 0.222 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX044489.D
Acq: 23 Dec 2024 18:40

Tgt Ion: 94 Resp: 313
Ion Ratio Lower Upper
94 100
96 74.0 74.9 112.3#

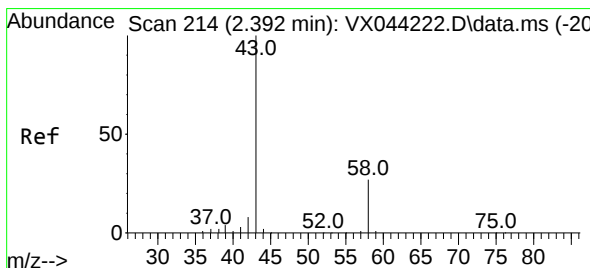
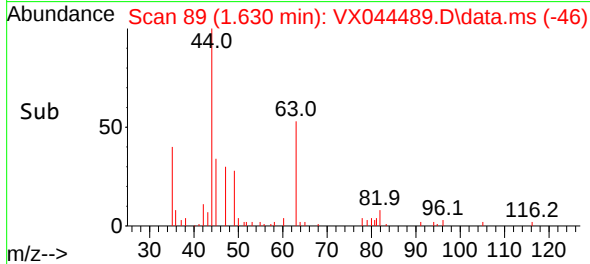
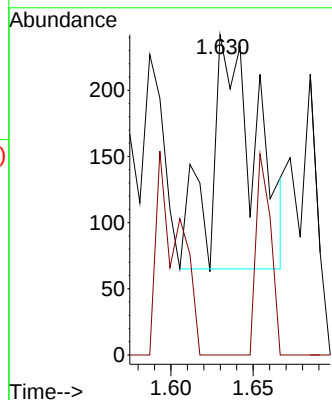
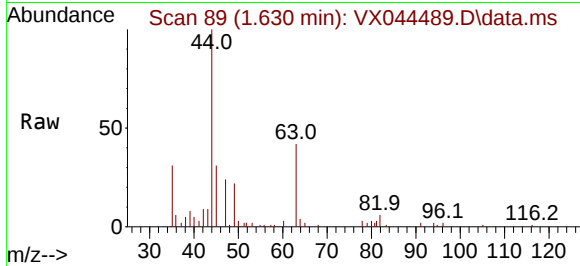




#6
Chloroethane
Concen: 0.276 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.037 min
Lab File: VX044489.D
Acq: 23 Dec 2024 18:40

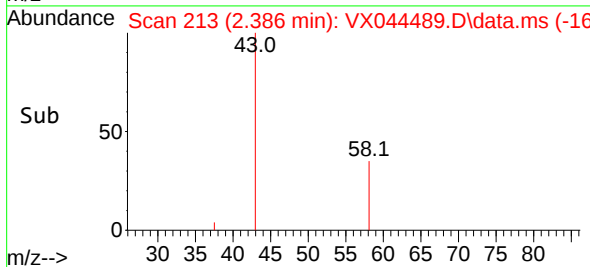
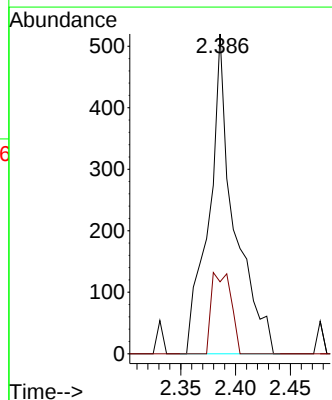
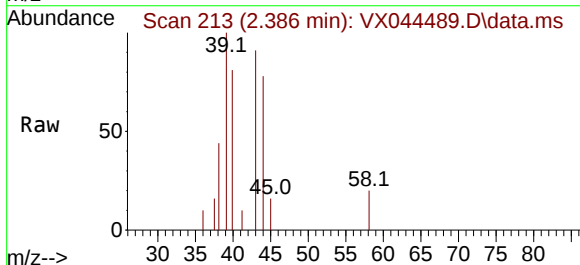
Instrument :
MSVOA_X
ClientSampleId :

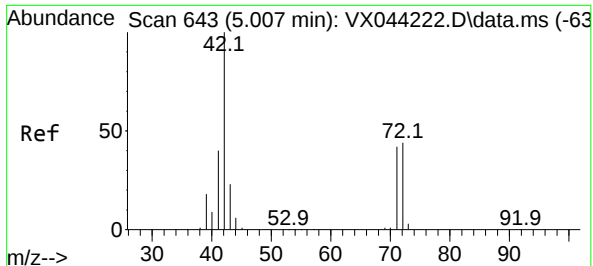
Tgt Ion: 64 Resp: 341
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#16
Acetone
Concen: 0.893 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044489.D
Acq: 23 Dec 2024 18:40

Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
58 22.5 21.6 32.4





#29

Tetrahydrofuran

Concen: 0.890 ug/l

RT: 5.032 min Scan# 643

Delta R.T. 0.024 min

Lab File: VX044489.D

Acq: 23 Dec 2024 18:40

Instrument :

MSVOA_X

ClientSampleId :

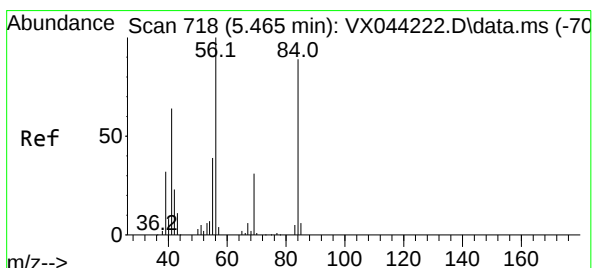
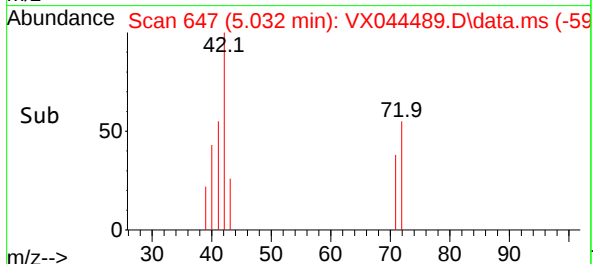
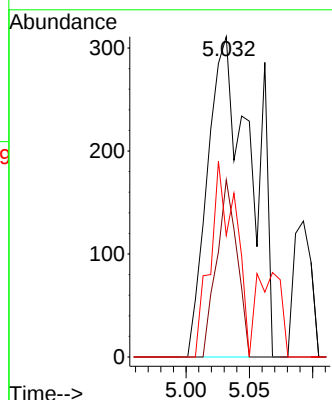
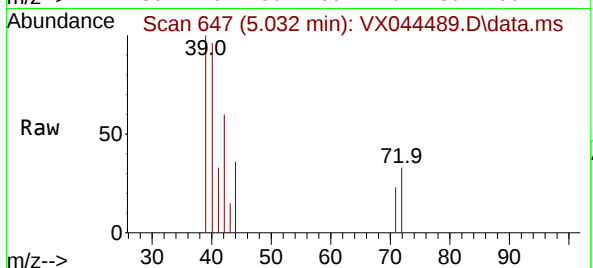
Tgt Ion: 42 Resp: 749

Ion Ratio Lower Upper

42 100

72 25.6 37.0 55.6#

71 35.4 33.6 50.4



#31

Cyclohexane

Concen: 1.351 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX044489.D

Acq: 23 Dec 2024 18:40

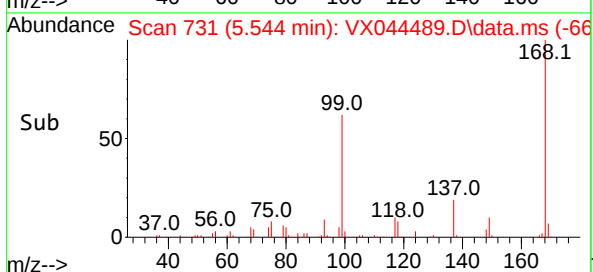
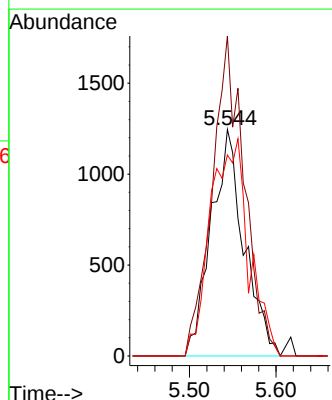
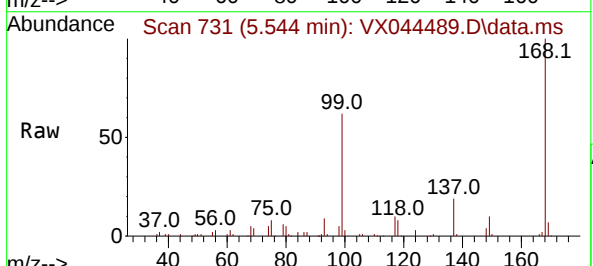
Tgt Ion: 56 Resp: 3296

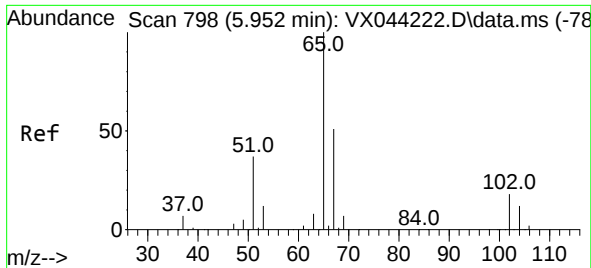
Ion Ratio Lower Upper

56 100

69 141.3 24.7 37.1#

84 88.7 71.0 106.6

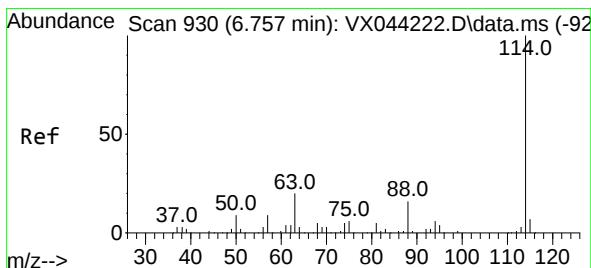
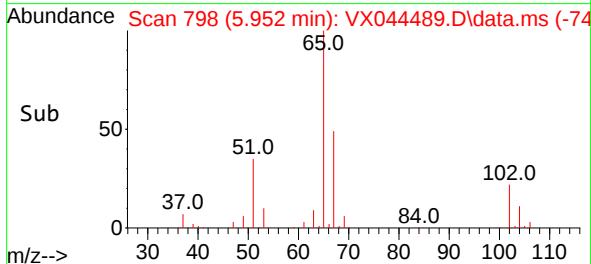
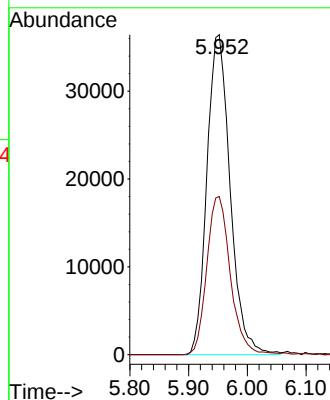
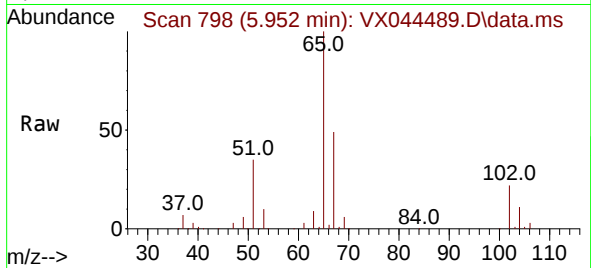




#33
1,2-Dichloroethane-d4
Concen: 44.345 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044489.D
Acq: 23 Dec 2024 18:40

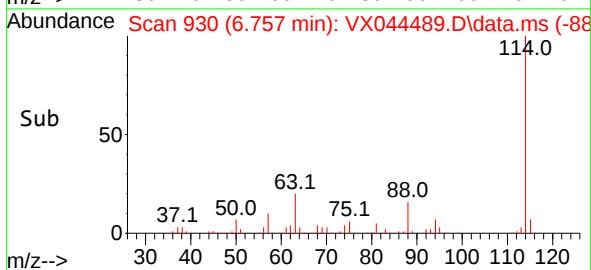
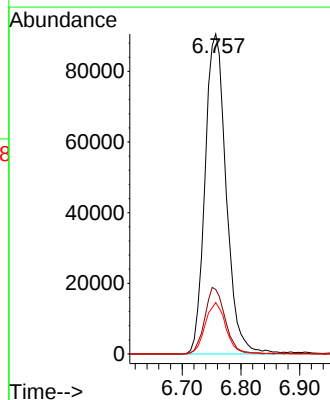
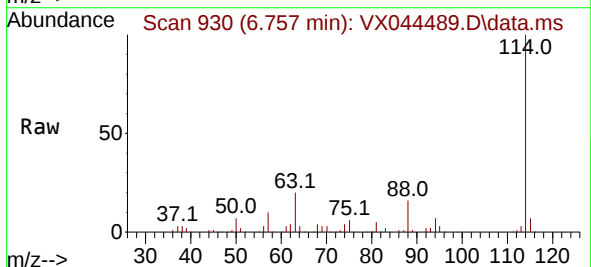
Instrument :
MSVOA_X
ClientSampleId :

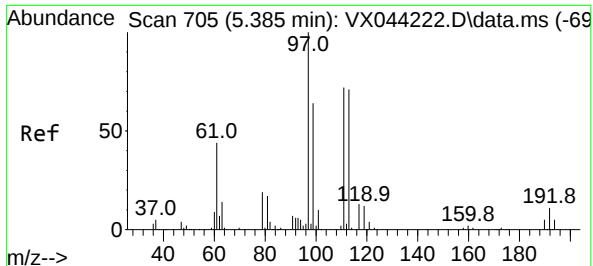
Tgt Ion: 65 Resp: 100266
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044489.D
Acq: 23 Dec 2024 18:40

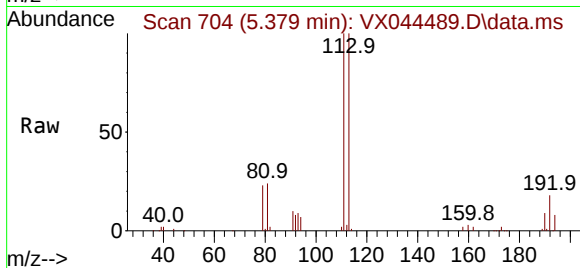
Tgt Ion: 114 Resp: 226548
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.6
88 16.0 0.0 31.8



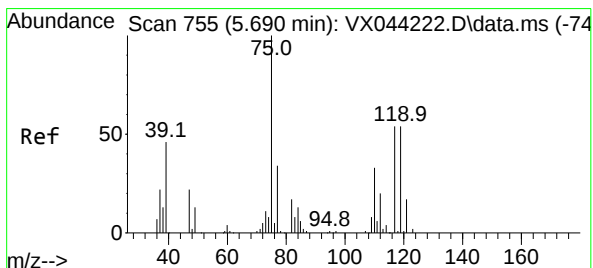
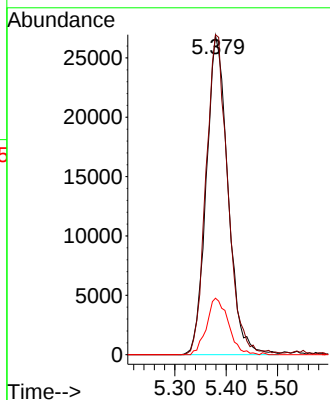
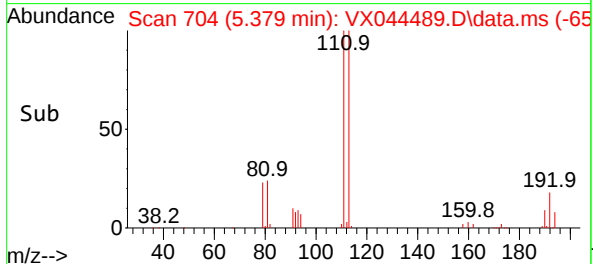


#35
Dibromofluoromethane
Concen: 50.224 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044489.D
Acq: 23 Dec 2024 18:40

Instrument :
MSVOA_X
ClientSampleId :

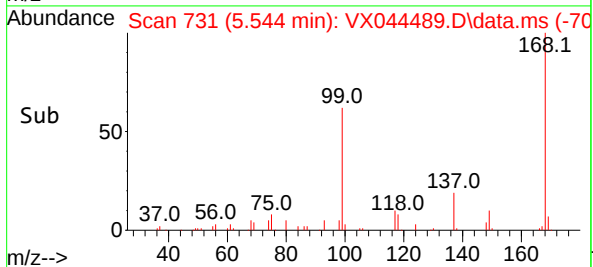
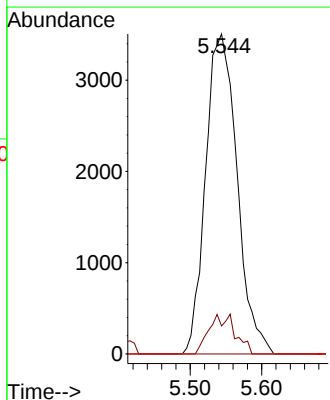
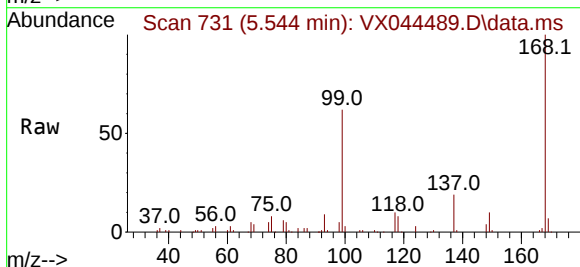


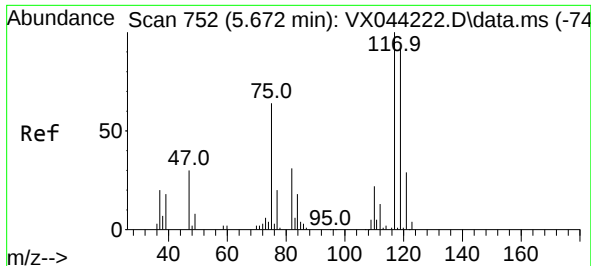
Tgt Ion:113 Resp: 78804
Ion Ratio Lower Upper
113 100
111 100.8 80.4 120.6
192 17.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.275 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX044489.D
Acq: 23 Dec 2024 18:40

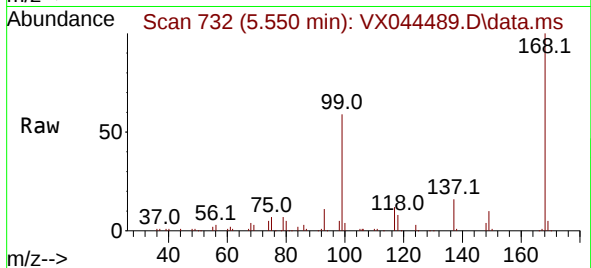
Tgt Ion: 75 Resp: 10698
Ion Ratio Lower Upper
75 100
110 10.3 17.3 51.7#
77 0.0 25.4 38.0#



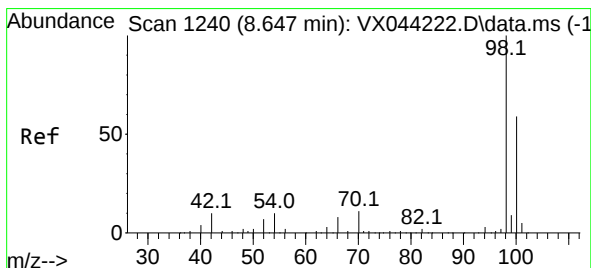
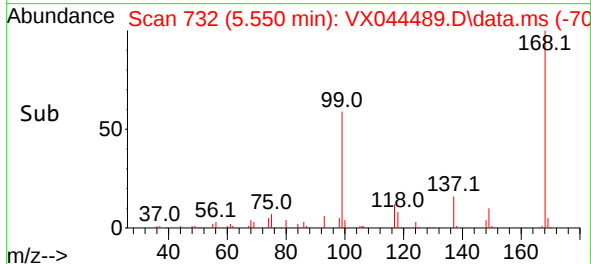
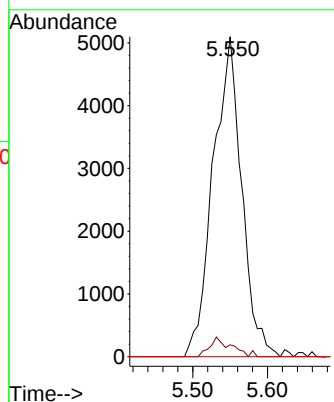


#38
Carbon Tetrachloride
Concen: 6.210 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX044489.D
Acq: 23 Dec 2024 18:40

Instrument :
MSVOA_X
ClientSampleId :

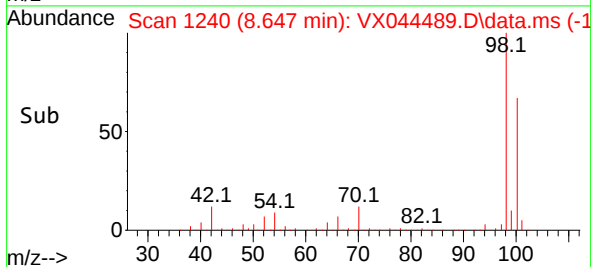
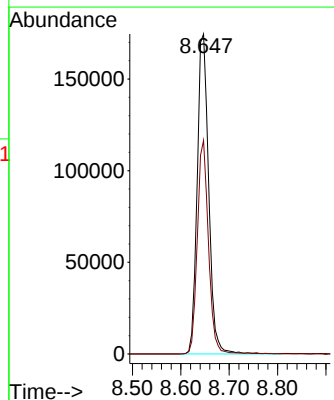
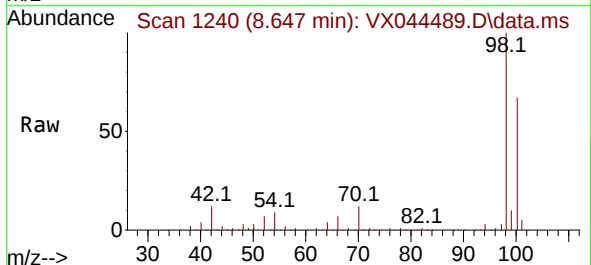


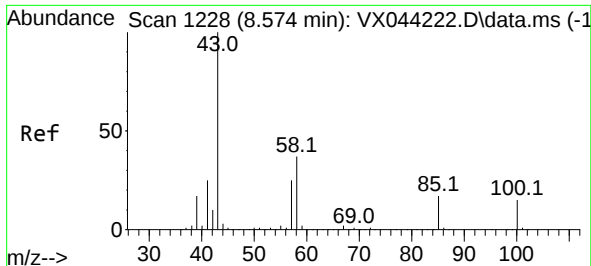
Tgt Ion:117 Resp: 13560
Ion Ratio Lower Upper
117 100
119 3.7 74.2 111.4#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 54.350 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044489.D
Acq: 23 Dec 2024 18:40

Tgt Ion: 98 Resp: 287703
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3

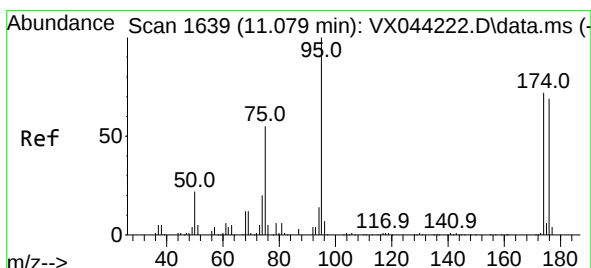
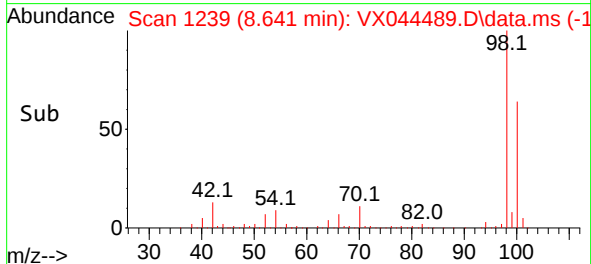
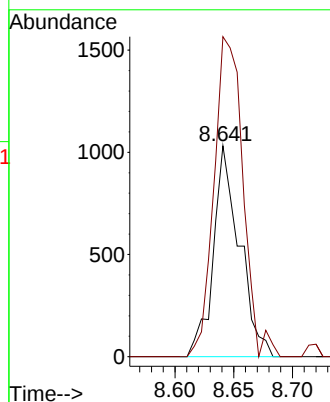
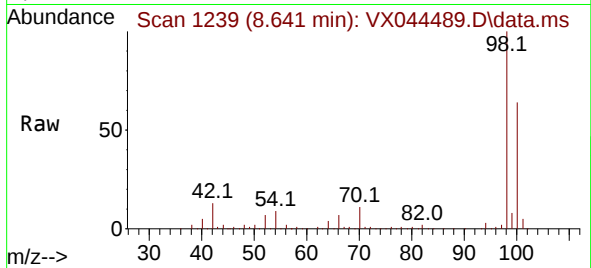




#51
4-Methyl-2-Pentanone
Concen: 0.635 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044489.D
Acq: 23 Dec 2024 18:40

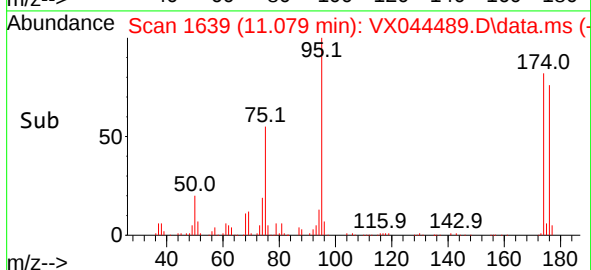
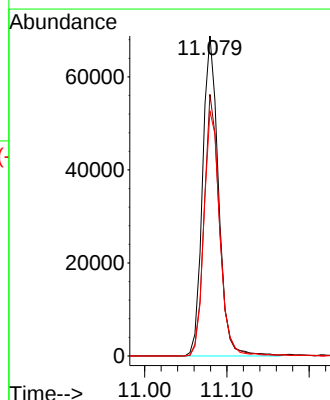
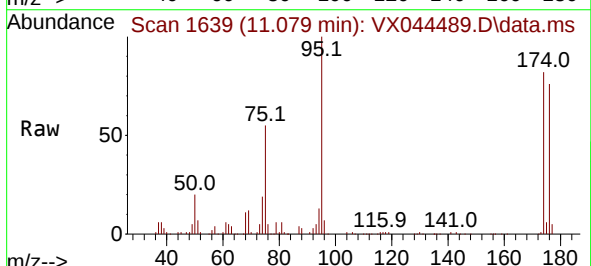
Instrument :
MSVOA_X
ClientSampleId :

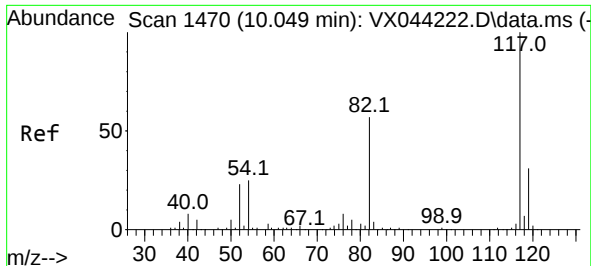
Tgt Ion: 43 Resp: 1601
Ion Ratio Lower Upper
43 100
58 167.8 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 50.232 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044489.D
Acq: 23 Dec 2024 18:40

Tgt Ion: 95 Resp: 92913
Ion Ratio Lower Upper
95 100
174 78.4 0.0 145.8
176 75.9 0.0 137.8

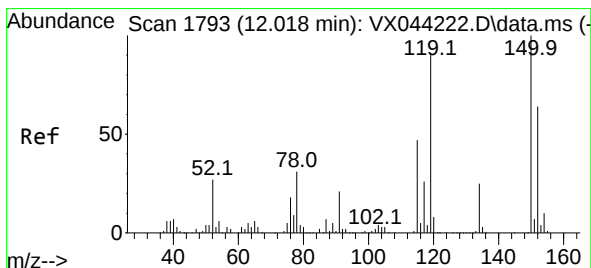
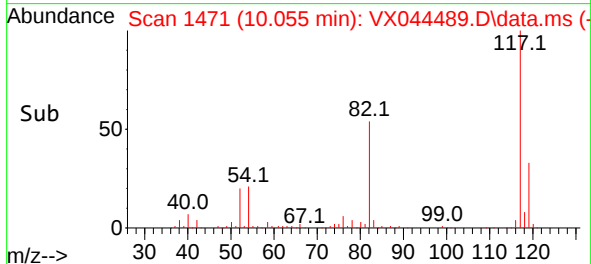
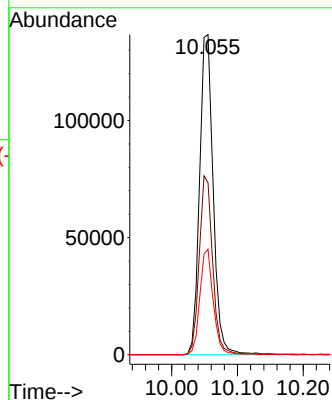
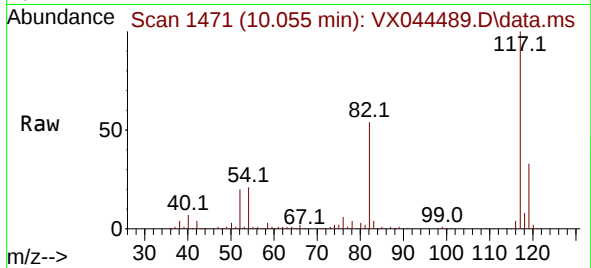




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044489.D
Acq: 23 Dec 2024 18:40

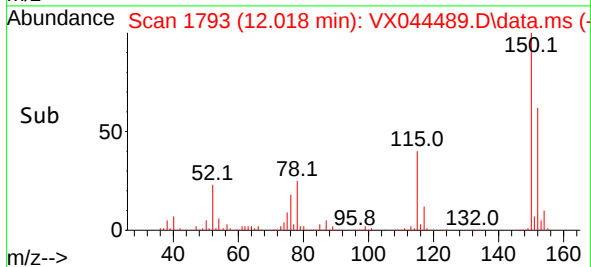
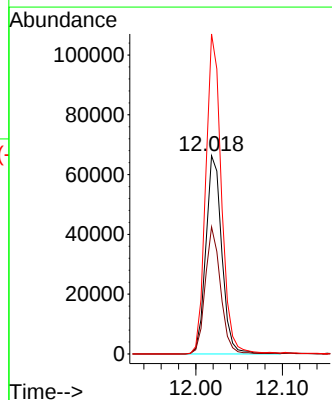
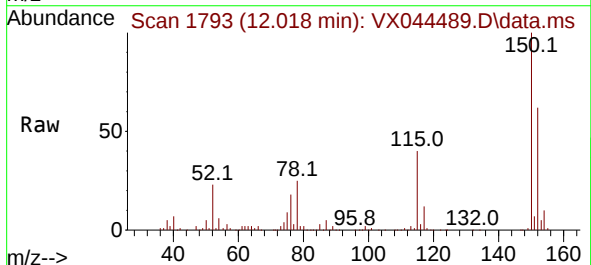
Instrument :
MSVOA_X
ClientSampleId :

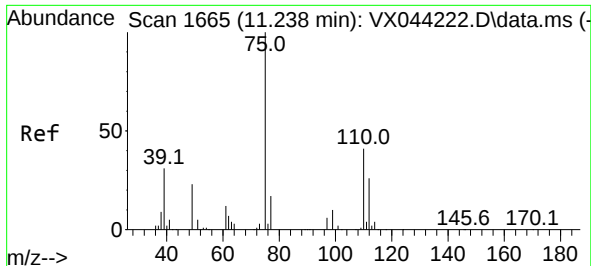
Tgt Ion:117 Resp: 197304
Ion Ratio Lower Upper
117 100
82 53.8 45.8 68.8
119 33.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044489.D
Acq: 23 Dec 2024 18:40

Tgt Ion:152 Resp: 84907
Ion Ratio Lower Upper
152 100
115 61.3 44.5 133.3
150 158.0 0.0 353.8

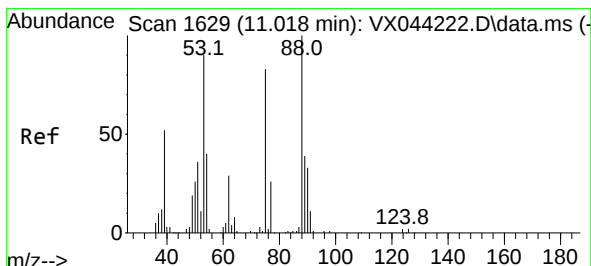
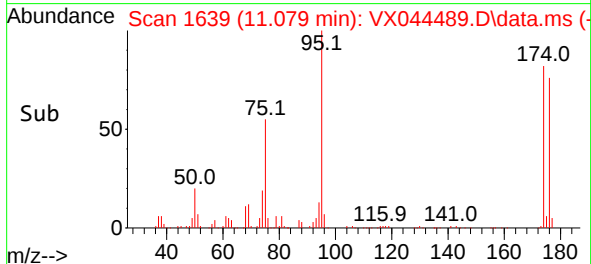
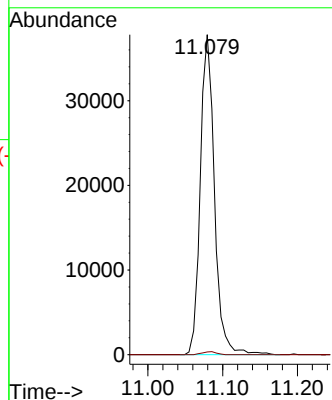
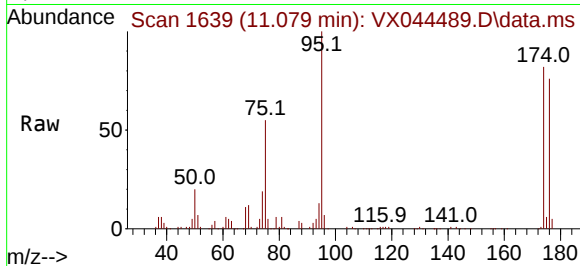




#76
1,2,3-Trichloropropane
Concen: 26.191 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044489.D
Acq: 23 Dec 2024 18:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 49652
Ion Ratio Lower Upper
75 100
77 1.0 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.255 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044489.D
Acq: 23 Dec 2024 18:40

Tgt Ion: 75 Resp: 49652
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

