

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110124\
 Data File : VX043665.D
 Acq On : 01 Nov 2024 15:32
 Operator : JC/MD
 Sample : P4562-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 06:13:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	120168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216602	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84037	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79865	41.681	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.360%
35) Dibromofluoromethane	5.379	113	67467	45.934	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.860%
50) Toluene-d8	8.647	98	256287	50.407	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.820%
62) 4-Bromofluorobenzene	11.079	95	89446	47.476	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.960%

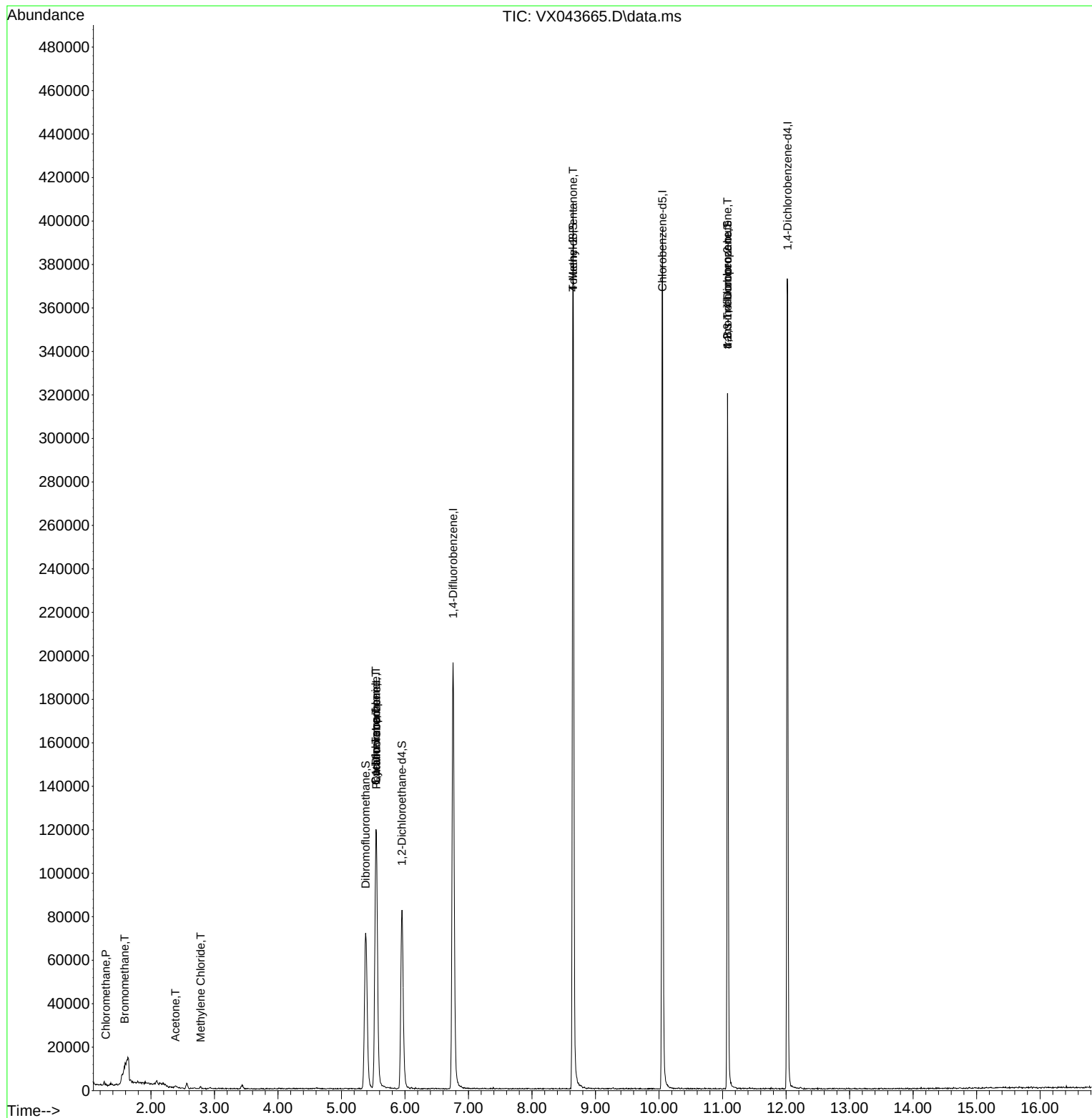
Target Compounds			Qvalue			
3) Chloromethane	1.288	50	579	0.352	ug/l #	39
5) Bromomethane	1.587	94	150	0.241	ug/l #	2
16) Acetone	2.386	43	1169	1.536	ug/l #	72
20) Methylene Chloride	2.782	84	418	0.255	ug/l #	61
31) Cyclohexane	5.544	56	2099	1.038	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9234	5.302	ug/l #	51
38) Carbon Tetrachloride	5.544	117	12113	6.295	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	973	0.457	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43291	24.093	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	43291	66.281	ug/l #	7

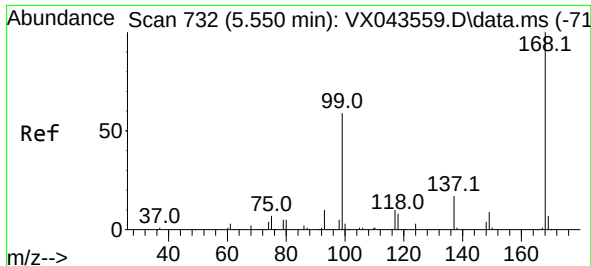
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration

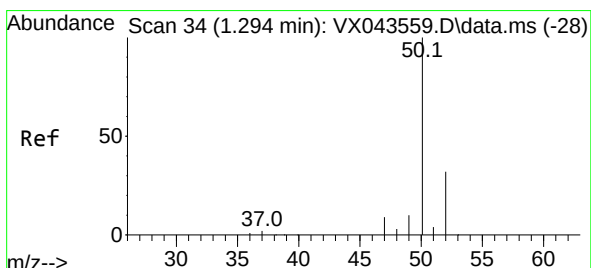
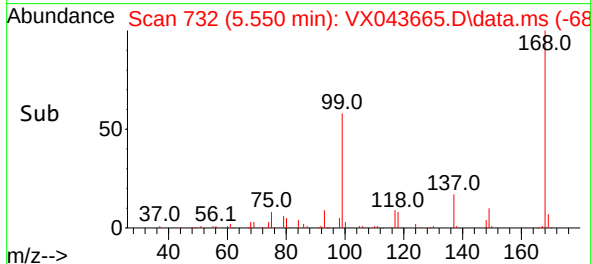
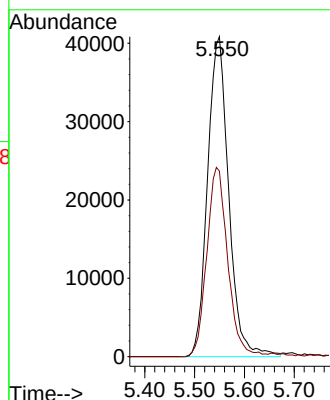
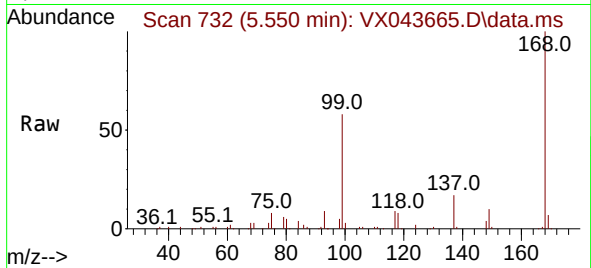




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043665.D
Acq: 01 Nov 2024 15:32

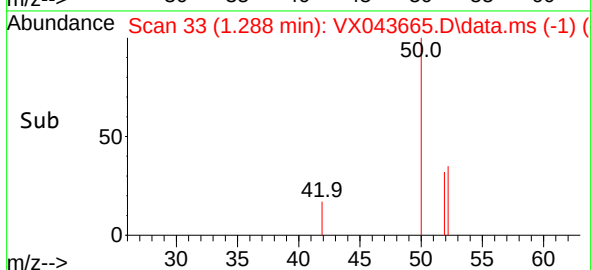
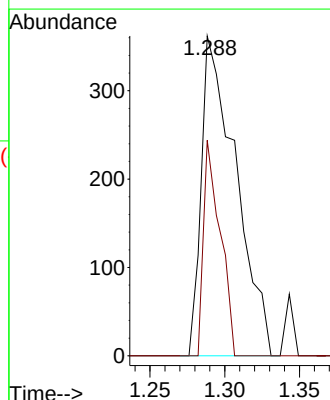
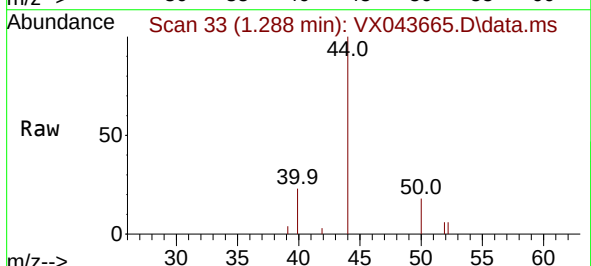
Instrument :
MSVOA_X
ClientSampleId :

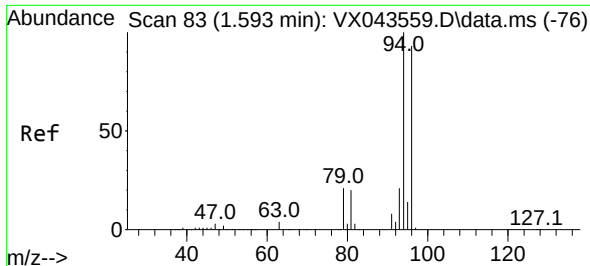
Tgt Ion:168 Resp: 120168
Ion Ratio Lower Upper
168 100
99 58.0 52.6 78.8



#3
Chloromethane
Concen: 0.352 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX043665.D
Acq: 01 Nov 2024 15:32

Tgt Ion: 50 Resp: 579
Ion Ratio Lower Upper
50 100
52 67.4 26.3 39.5#

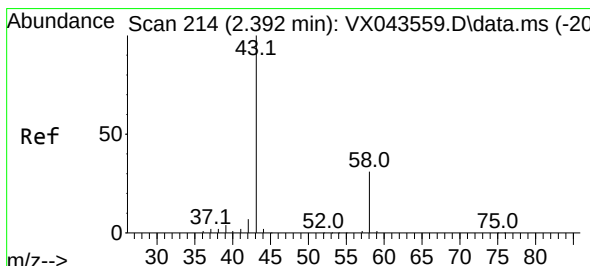
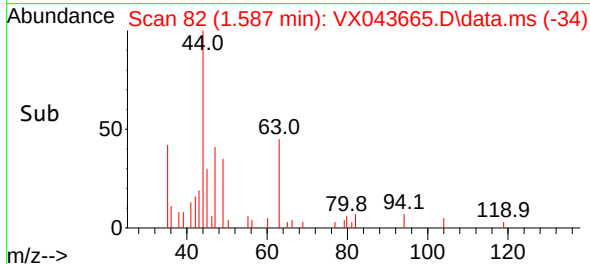
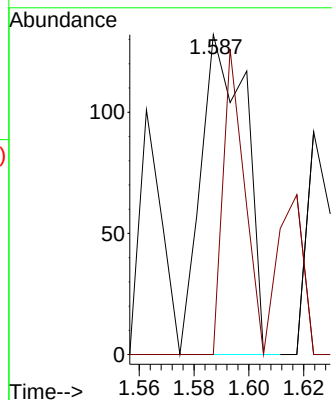
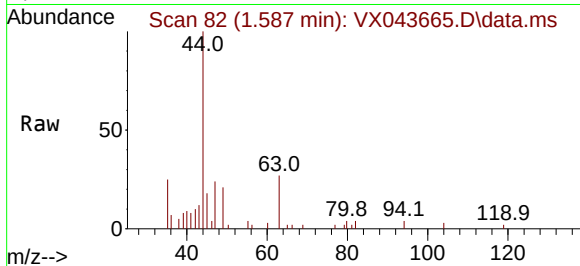




#5
Bromomethane
Concen: 0.241 ug/l
RT: 1.587 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX043665.D
Acq: 01 Nov 2024 15:32

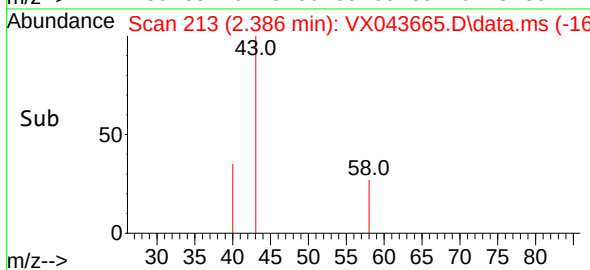
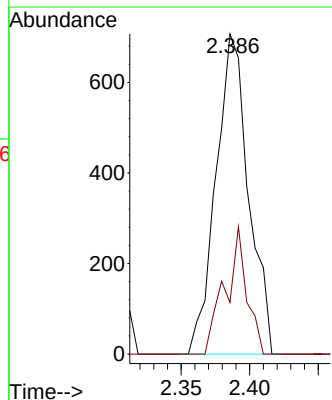
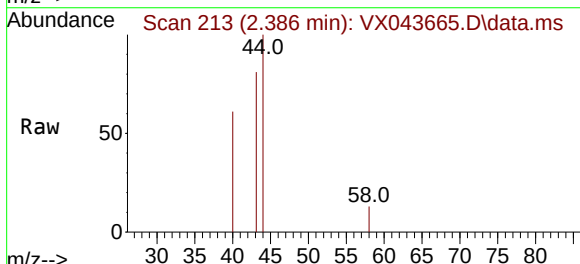
Instrument :
MSVOA_X
ClientSampleId :

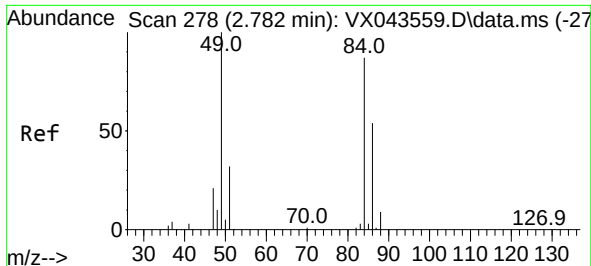
Tgt Ion: 94 Resp: 150
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#



#16
Acetone
Concen: 1.536 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX043665.D
Acq: 01 Nov 2024 15:32

Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
58 16.1 25.1 37.7#





#20

Methylene Chloride

Concen: 0.255 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.000 min

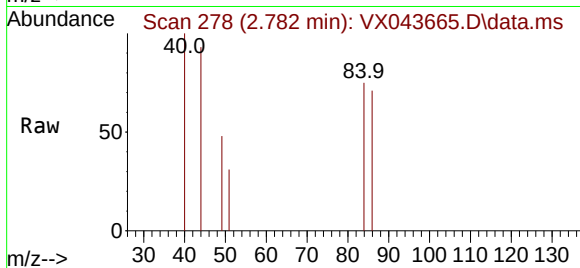
Lab File: VX043665.D

Acq: 01 Nov 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 418

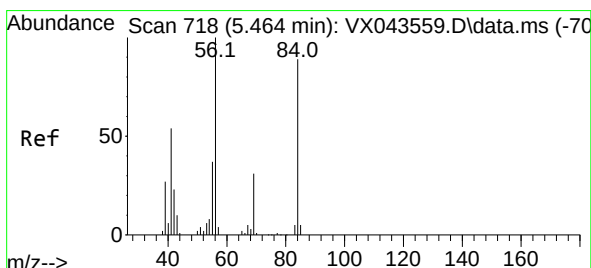
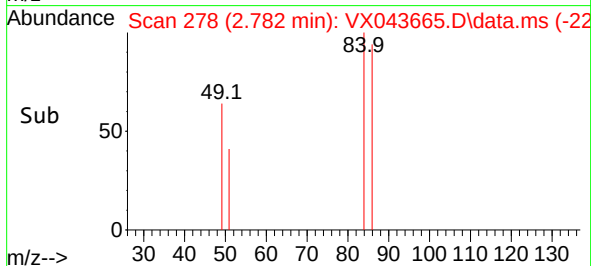
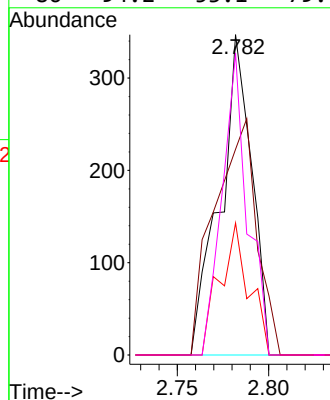
Ion Ratio Lower Upper

84 100

49 64.3 97.0 145.6#

51 41.2 29.8 44.8

86 94.2 53.1 79.7#



#31

Cyclohexane

Concen: 1.038 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.085 min

Lab File: VX043665.D

Acq: 01 Nov 2024 15:32

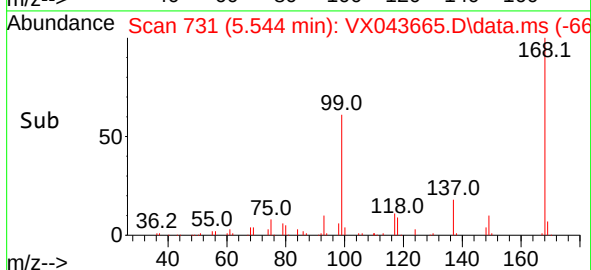
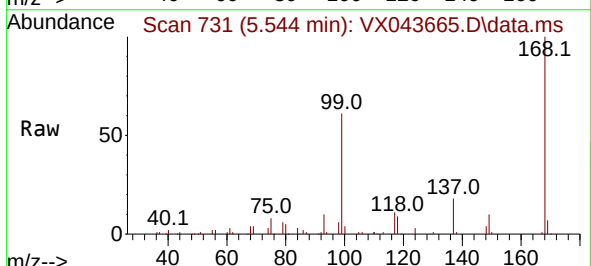
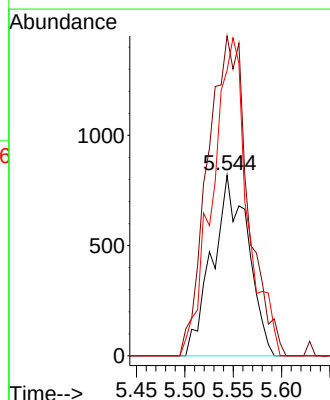
Tgt Ion: 56 Resp: 2099

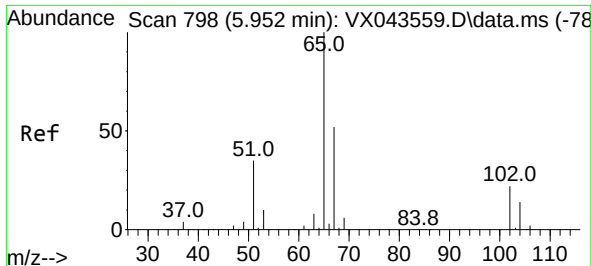
Ion Ratio Lower Upper

56 100

69 177.2 24.9 37.3#

84 158.1 73.3 109.9#





#33

1,2-Dichloroethane-d4

Concen: 41.681 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043665.D

Acq: 01 Nov 2024 15:32

Instrument :

MSVOA_X

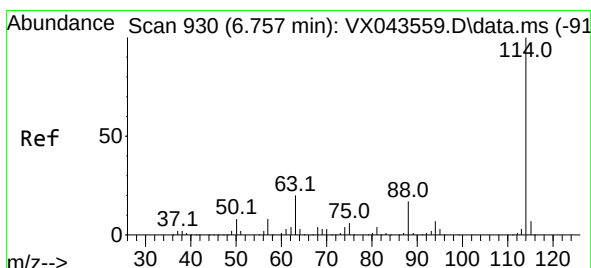
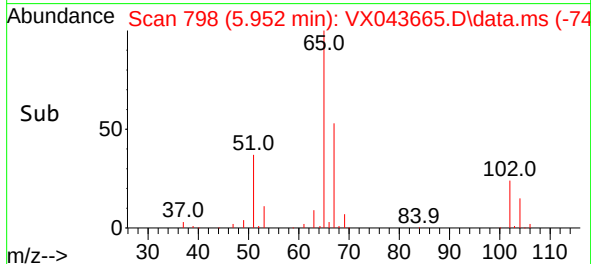
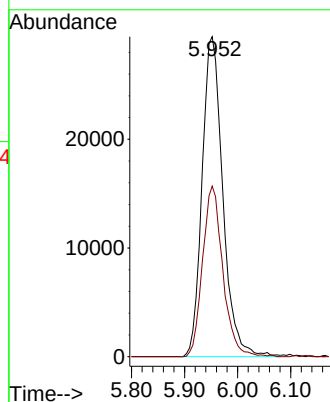
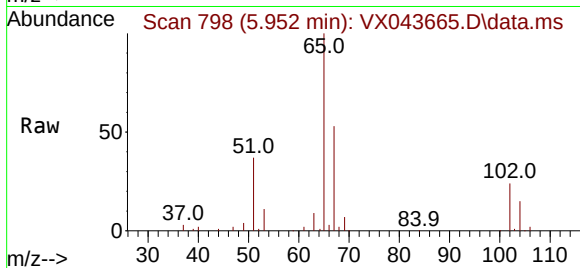
ClientSampleId :

Tgt Ion: 65 Resp: 79865

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043665.D

Acq: 01 Nov 2024 15:32

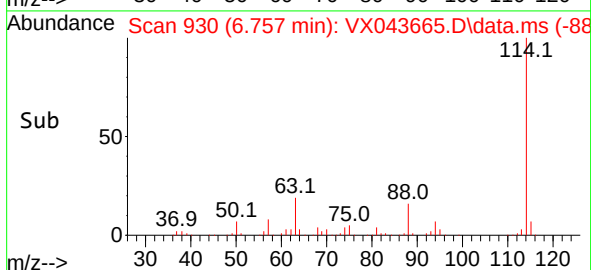
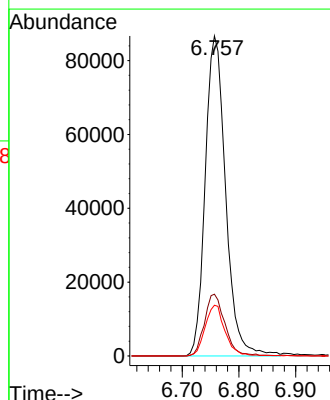
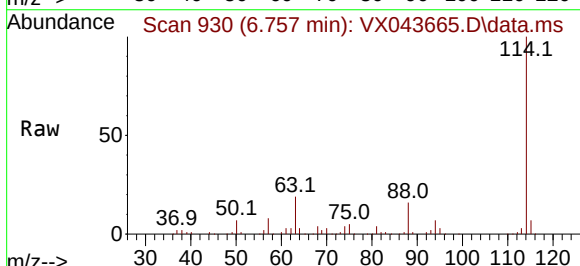
Tgt Ion: 114 Resp: 216602

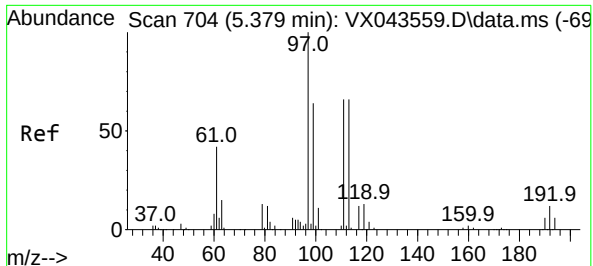
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.2

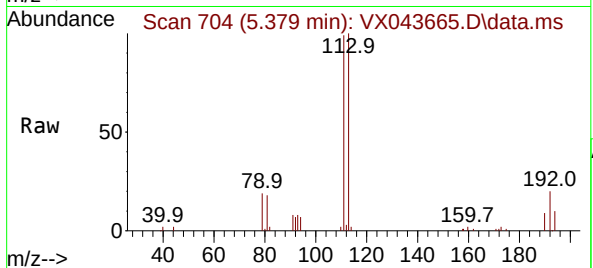
88 15.8 0.0 34.0



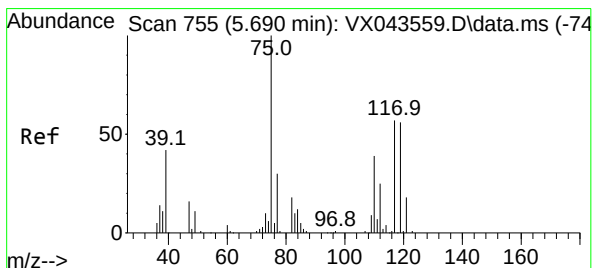
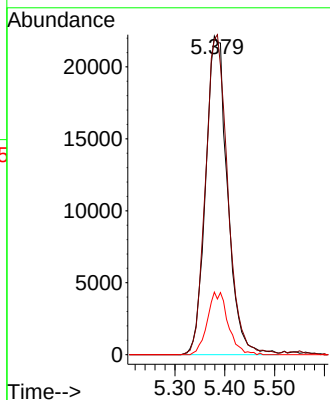
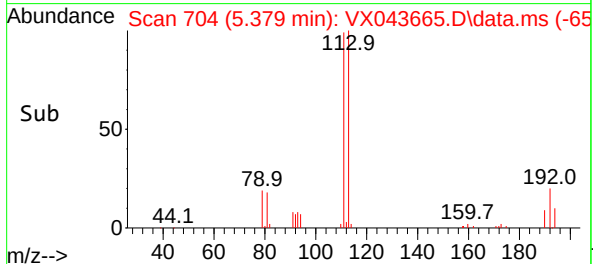


#35
Dibromofluoromethane
Concen: 45.934 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043665.D
Acq: 01 Nov 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :

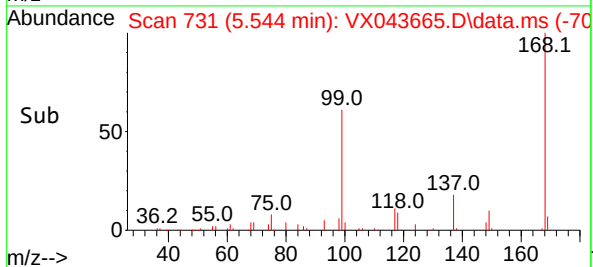
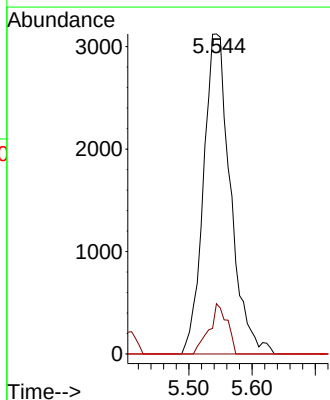
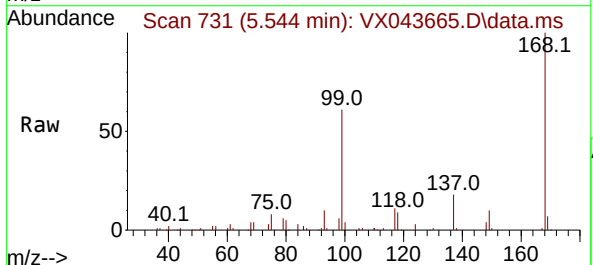


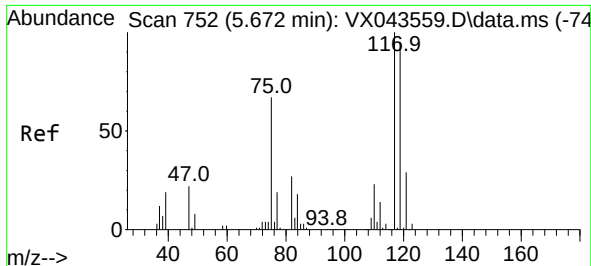
Tgt Ion:113 Resp: 67467
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.0
192 18.7 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.302 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX043665.D
Acq: 01 Nov 2024 15:32

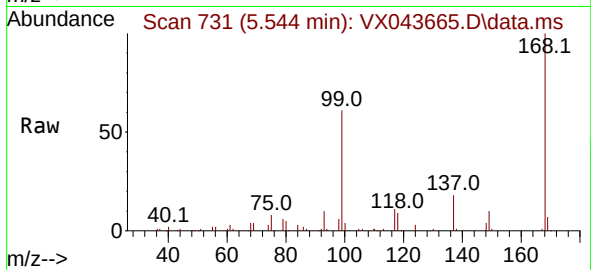
Tgt Ion: 75 Resp: 9234
Ion Ratio Lower Upper
75 100
110 10.5 17.9 53.7#
77 0.0 25.0 37.4#



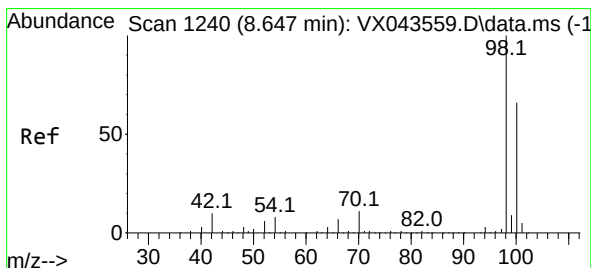
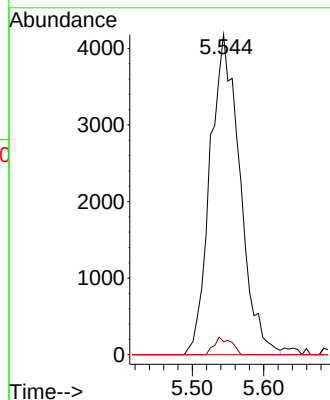
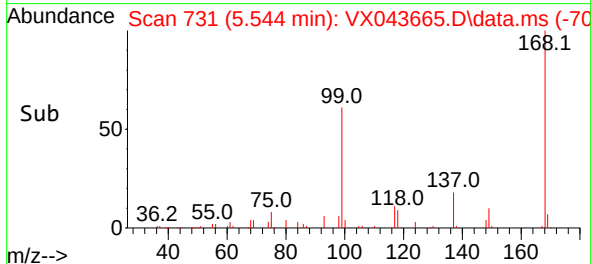


#38
Carbon Tetrachloride
Concen: 6.295 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043665.D
Acq: 01 Nov 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :

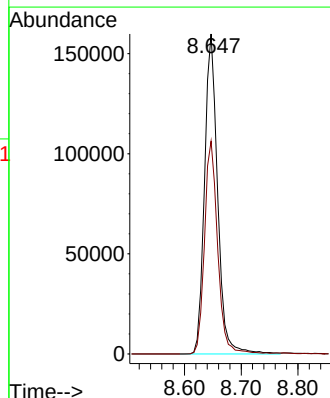
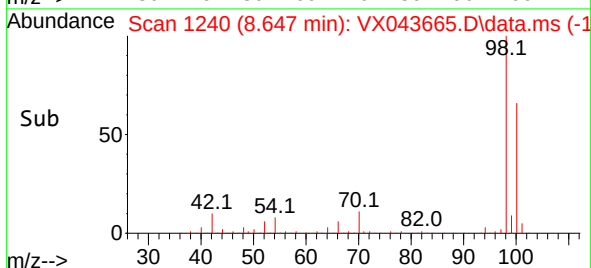
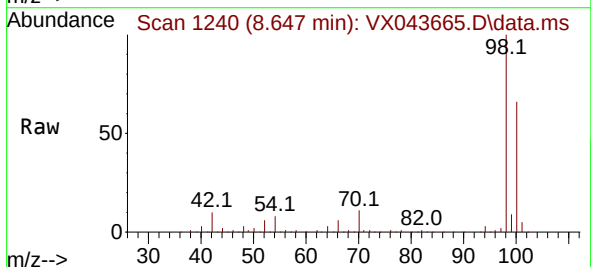


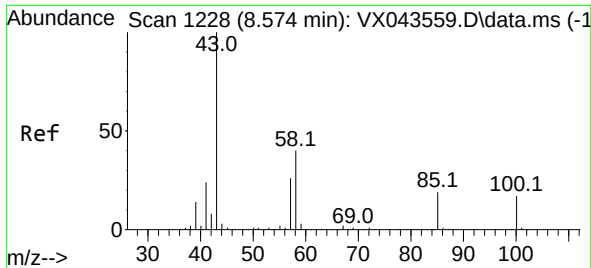
Tgt Ion:117 Resp: 12113
Ion Ratio Lower Upper
117 100
119 4.1 77.0 115.6#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.407 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043665.D
Acq: 01 Nov 2024 15:32

Tgt Ion: 98 Resp: 256287
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 0.457 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX043665.D

Acq: 01 Nov 2024 15:32

Instrument :

MSVOA_X

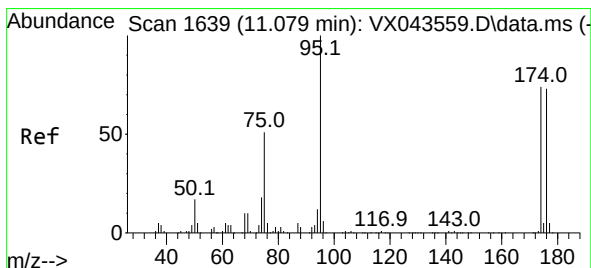
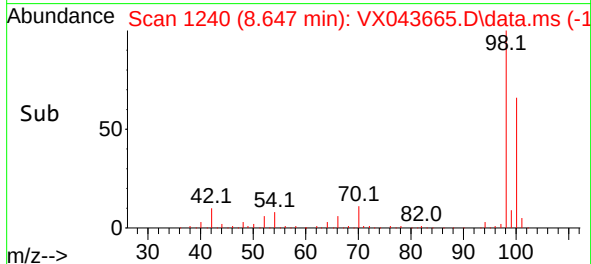
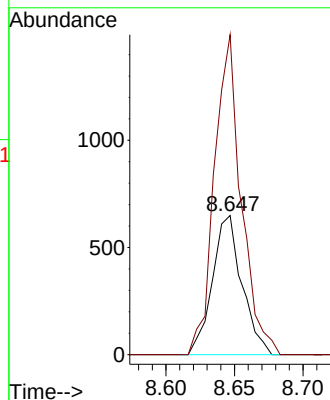
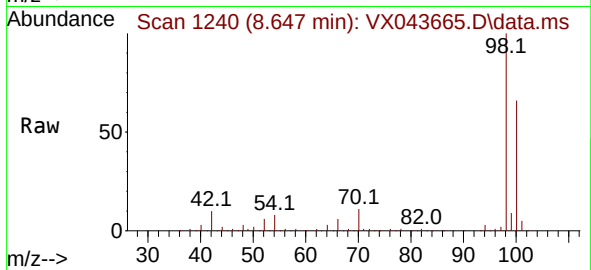
ClientSampleId :

Tgt Ion: 43 Resp: 973

Ion Ratio Lower Upper

43 100

58 208.8 31.7 47.5#



#62

4-Bromofluorobenzene

Concen: 47.476 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043665.D

Acq: 01 Nov 2024 15:32

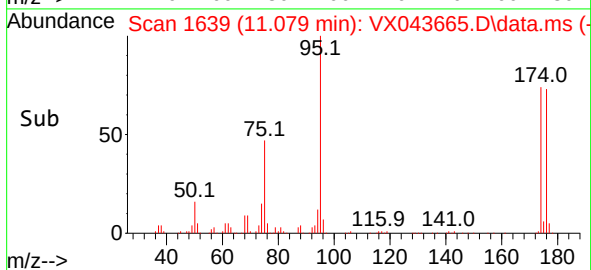
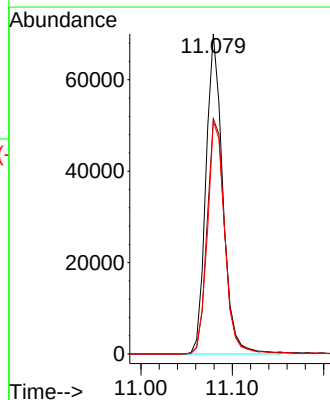
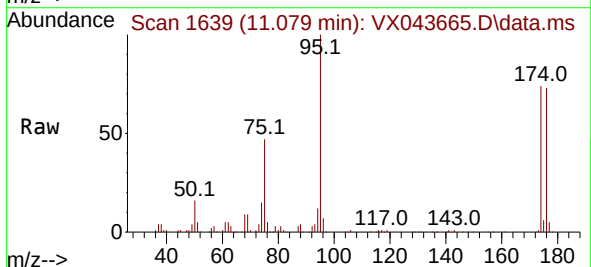
Tgt Ion: 95 Resp: 89446

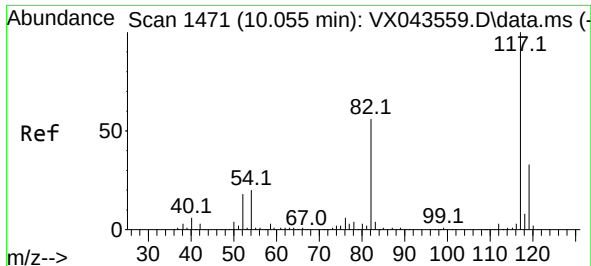
Ion Ratio Lower Upper

95 100

174 77.5 0.0 146.6

176 75.1 0.0 139.6

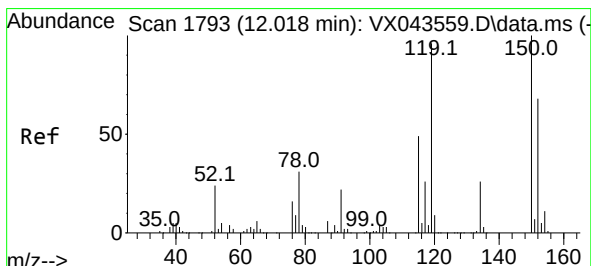
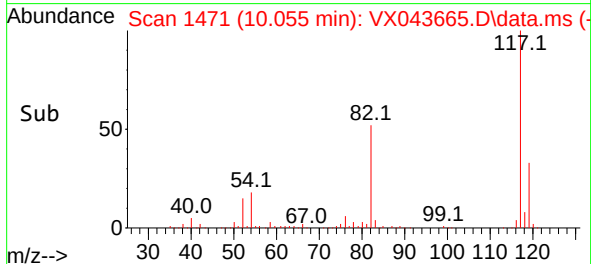
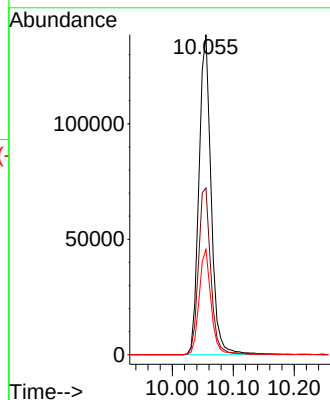
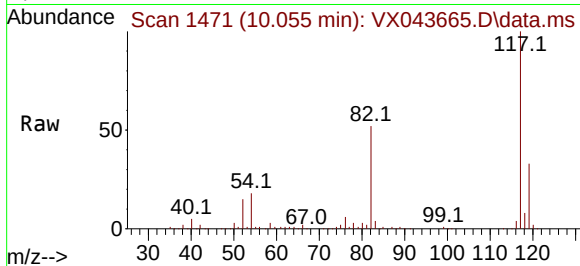




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043665.D
Acq: 01 Nov 2024 15:32

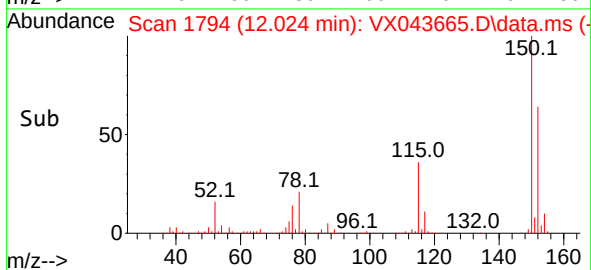
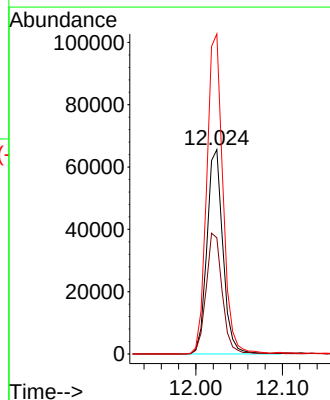
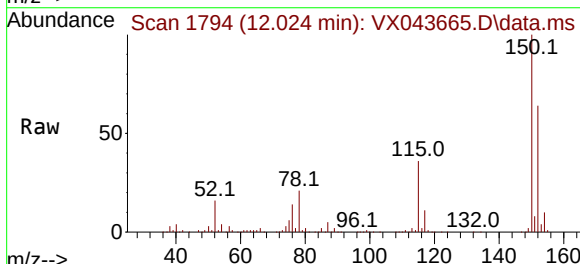
Instrument :
MSVOA_X
ClientSampleId :

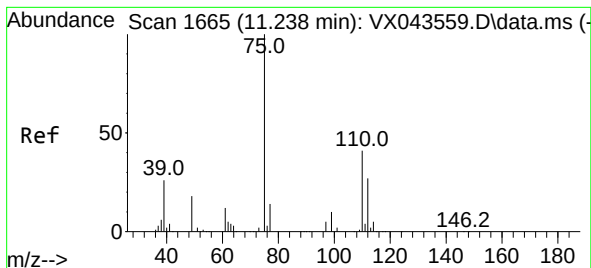
Tgt Ion:117 Resp: 192718
Ion Ratio Lower Upper
117 100
82 52.1 42.1 63.1
119 32.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043665.D
Acq: 01 Nov 2024 15:32

Tgt Ion:152 Resp: 84037
Ion Ratio Lower Upper
152 100
115 60.0 42.9 128.7
150 158.4 0.0 343.6





#76

1,2,3-Trichloropropane

Concen: 24.093 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043665.D

Acq: 01 Nov 2024 15:32

Instrument :

MSVOA_X

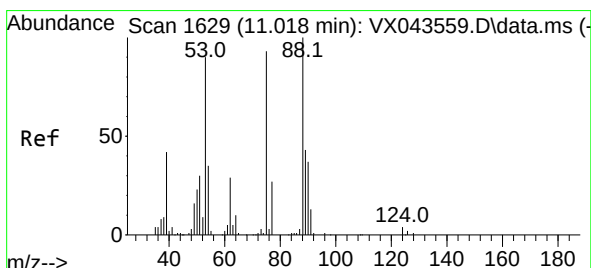
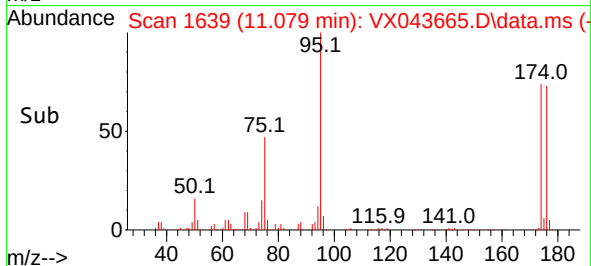
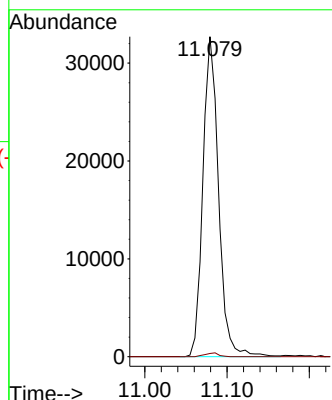
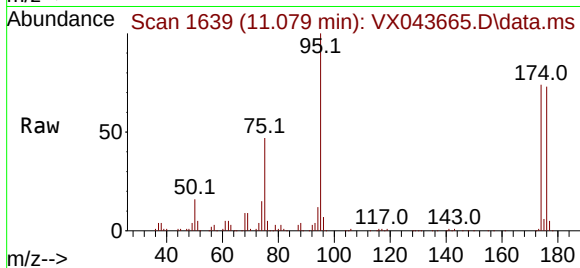
ClientSampleId :

Tgt Ion: 75 Resp: 43291

Ion Ratio Lower Upper

75 100

77 1.0 22.4 67.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.281 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043665.D

Acq: 01 Nov 2024 15:32

Tgt Ion: 75 Resp: 43291

Ion Ratio Lower Upper

75 100

53 0.0 84.6 126.8#

89 0.2 38.6 58.0#

