

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025456.D
 Acq On : 03 Dec 2021 02:53
 Operator : JC/MD
 Sample : M4917-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 03 06:15:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

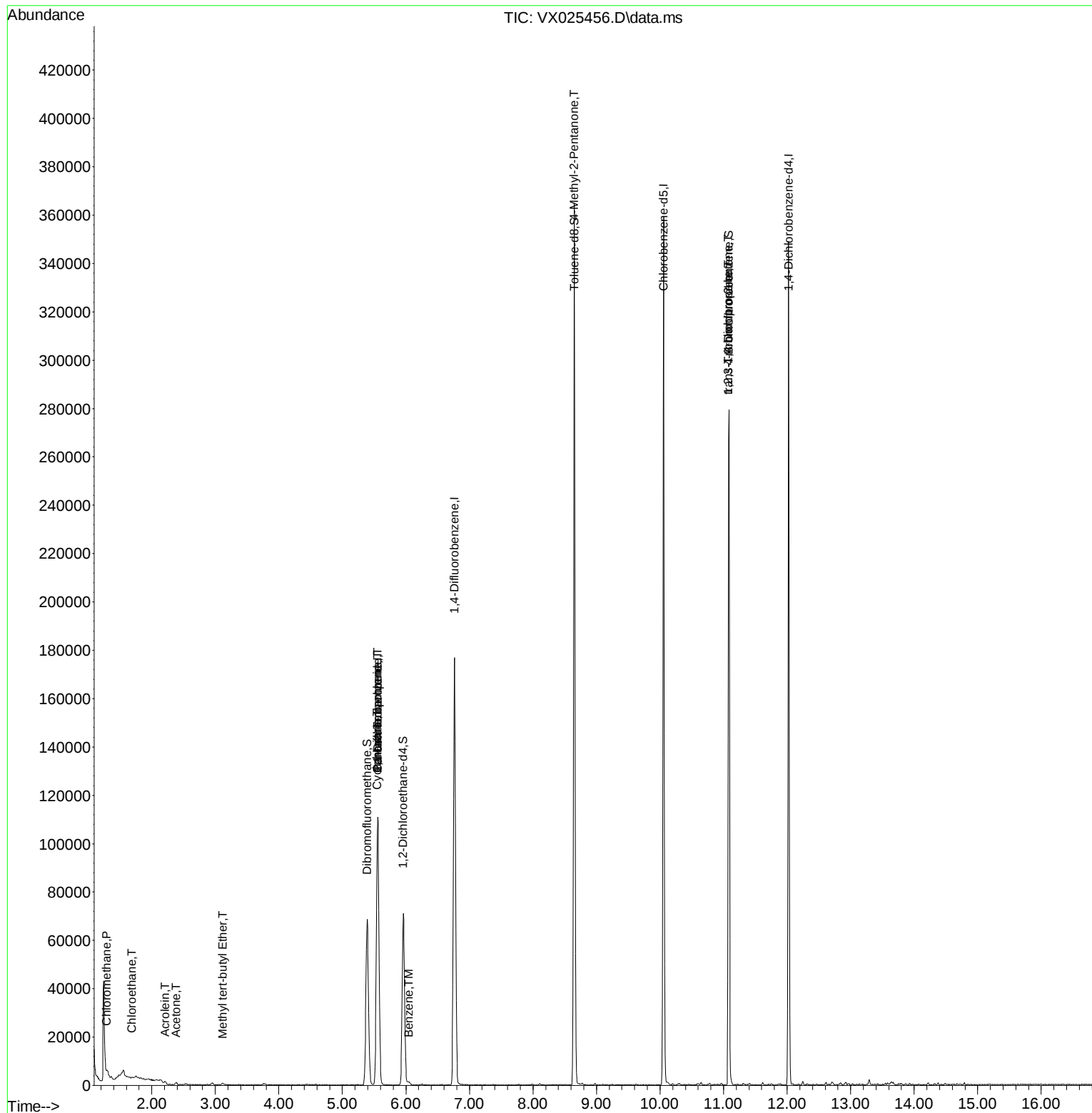
Internal Standards						
1) Pentafluorobenzene	5.556	168	113776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191022	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75798	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65802	54.87	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.74%			
35) Dibromofluoromethane	5.391	113	58518	49.93	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.86%			
50) Toluene-d8	8.653	98	220071	49.94	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.88%			
62) 4-Bromofluorobenzene	11.085	95	75093	45.04	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.08%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	381	0.31 ug/l	#	42
6) Chloroethane	1.685	64	297	0.32 ug/l	#	43
11) Tert butyl alcohol	2.947	59	785	Below Cal	#	72
13) Acrolein	2.209	56	19	0.35 ug/l	#	1
16) Acetone	2.386	43	1076	1.61 ug/l	#	85
19) Methyl tert-butyl Ether	3.117	73	819	0.22 ug/l	#	86
31) Cyclohexane	5.550	56	2159	1.16 ug/l	#	31
36) 1,1-Dichloropropene	5.556	75	7734	4.64 ug/l	#	49
38) Carbon Tetrachloride	5.556	117	10832	5.90 ug/l	#	16
40) Benzene	6.044	78	1453	0.29 ug/l		98
51) 4-Methyl-2-Pentanone	8.647	43	886	0.45 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	36196	23.32 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36196	58.75 ug/l	#	9
95) Naphthalene	13.780	128	405	Below Cal	#	89

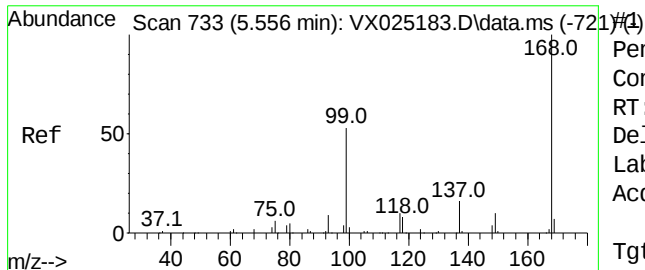
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025456.D
Acq On : 03 Dec 2021 02:53
Operator : JC/MD
Sample : M4917-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 03 06:15:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.556 min Scan#

Delta R.T. -0.000 min

Lab File: VX025456.D

Acq: 03 Dec 2021 02:53

Instrument :

MSVOA_D

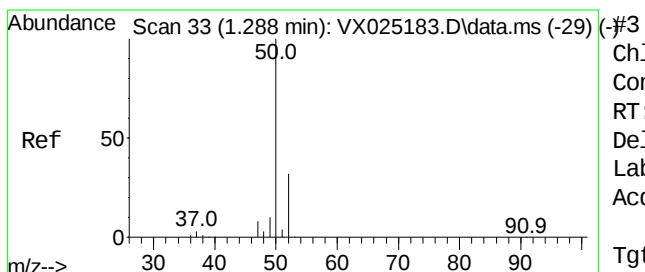
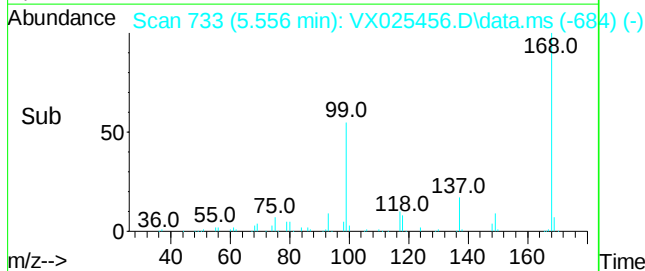
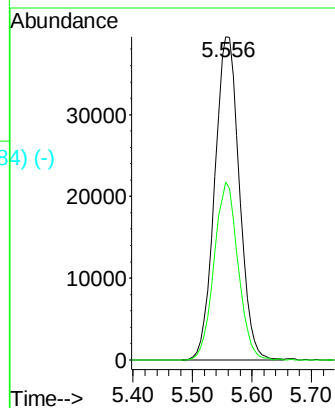
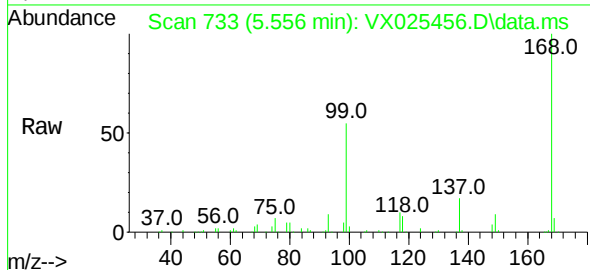
ClientSampleId :

Tgt Ion:168 Resp: 113776

Ion Ratio Lower Upper

168 100

99 55.1 46.4 69.6



Chloromethane

Concen: 0.31 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.006 min

Lab File: VX025456.D

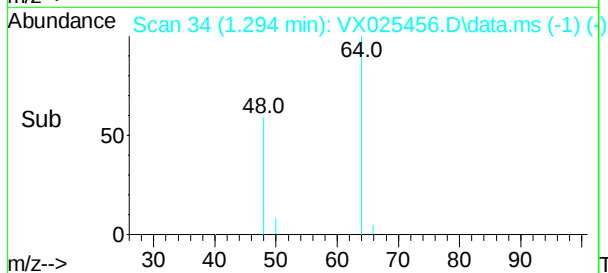
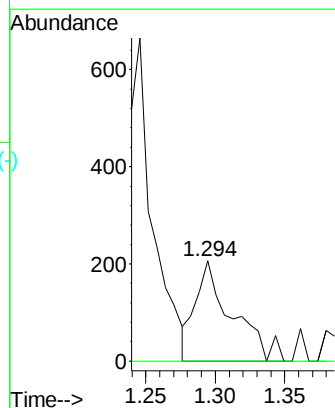
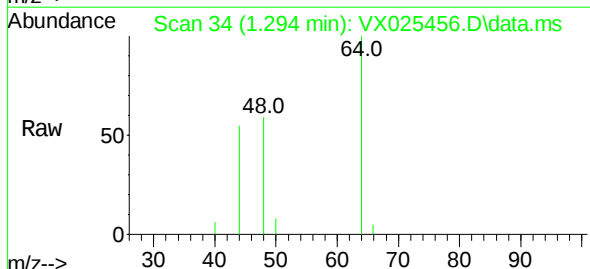
Acq: 03 Dec 2021 02:53

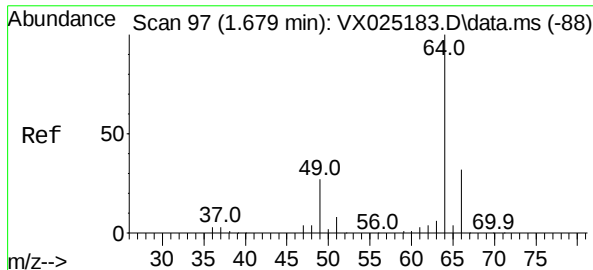
Tgt Ion: 50 Resp: 381

Ion Ratio Lower Upper

50 100

52 0.0 25.9 38.9#





Chloroethane

Concen: 0.32 ug/l

RT: 1.685 min Scan#

Delta R.T. 0.006 min MSVOA_D

Lab File: VX025456.D

Acq: 03 Dec 2021 02:53

Instrument :

MSVOA_D

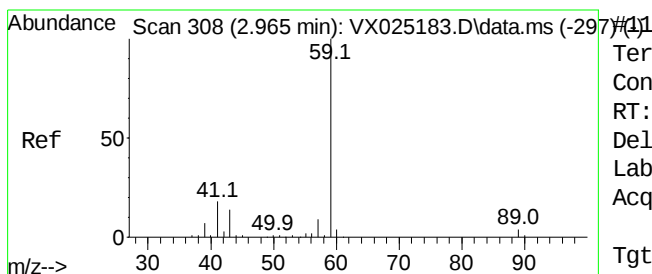
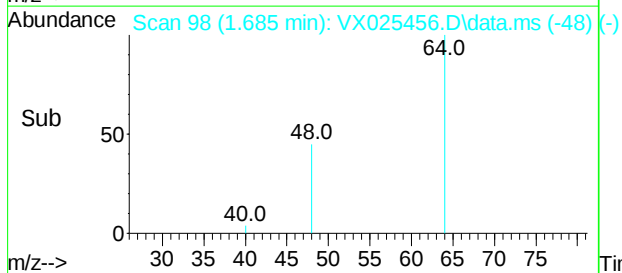
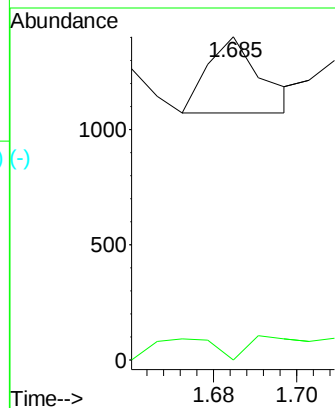
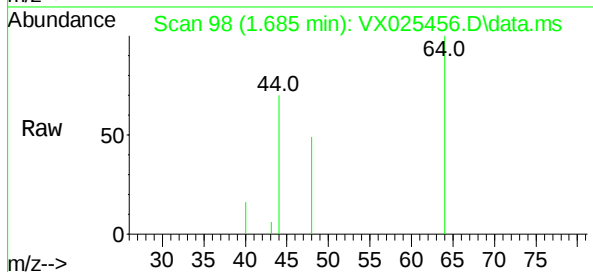
ClientSampleId :

Tgt Ion: 64 Resp: 297

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#



Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 305

Delta R.T. -0.018 min

Lab File: VX025456.D

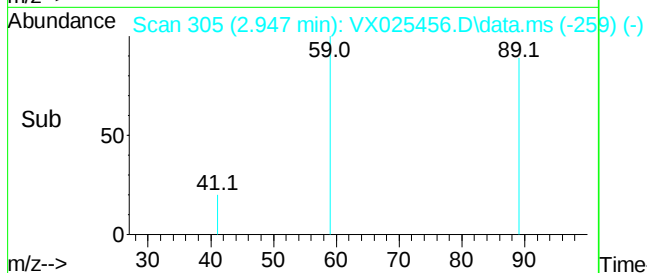
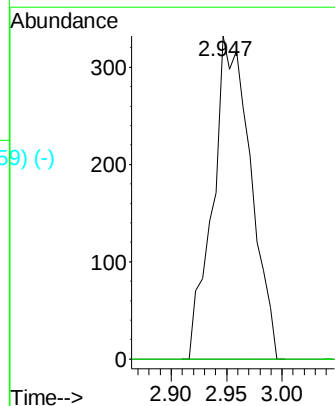
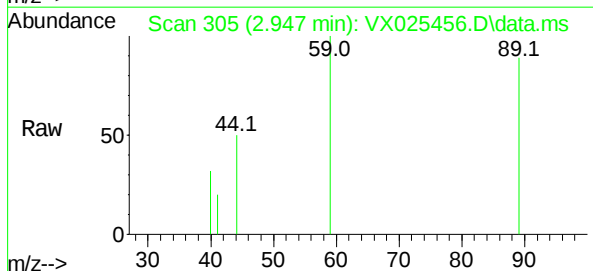
Acq: 03 Dec 2021 02:53

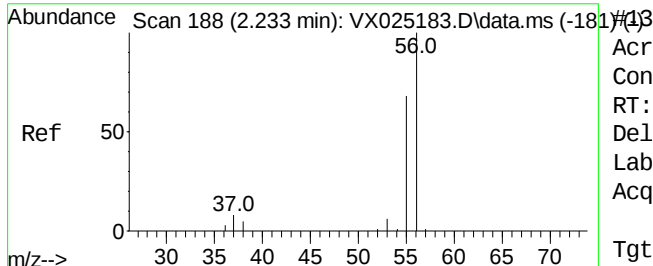
Tgt Ion: 59 Resp: 785

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





Acrolein

Concen: 0.35 ug/l

RT: 2.209 min Scan# 188

Delta R.T. -0.024 min

Lab File: VX025456.D

Acq: 03 Dec 2021 02:53

Instrument :

MSVOA_D

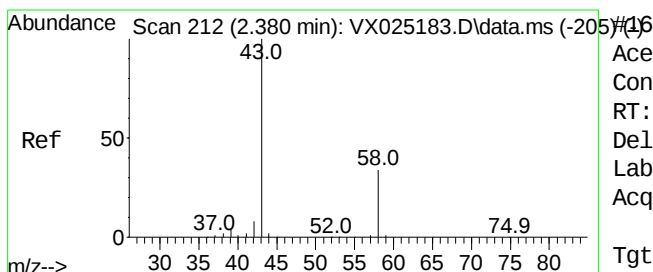
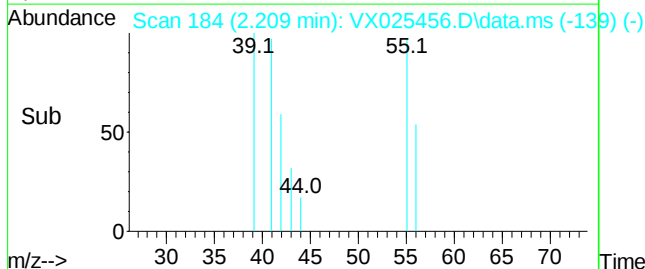
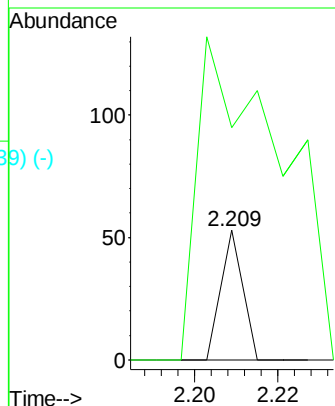
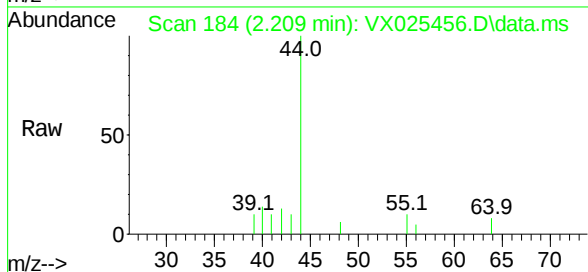
ClientSampleId :

Tgt Ion: 56 Resp: 19

Ion Ratio Lower Upper

56 100

55 968.4 58.6 87.8#



Acetone

Concen: 1.61 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX025456.D

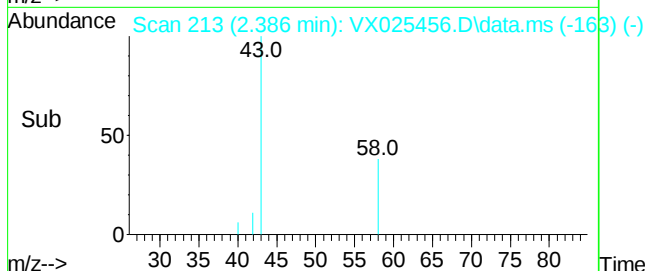
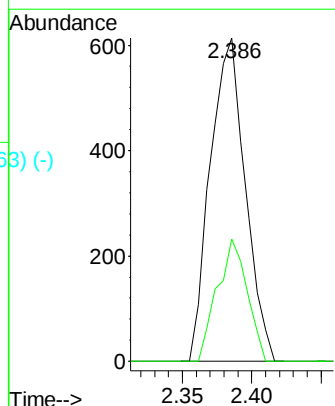
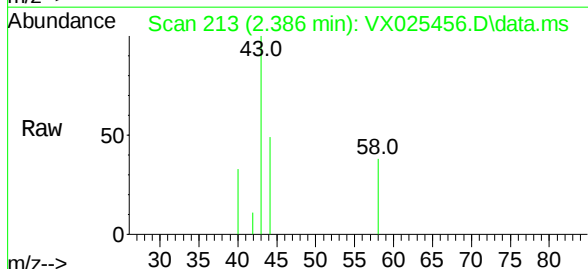
Acq: 03 Dec 2021 02:53

Tgt Ion: 43 Resp: 1076

Ion Ratio Lower Upper

43 100

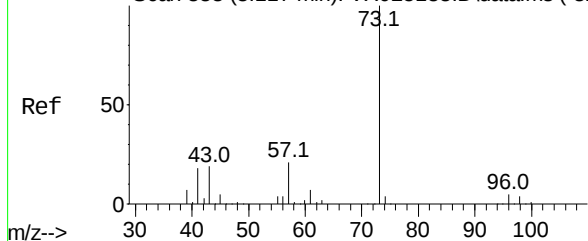
58 37.9 24.0 36.0#



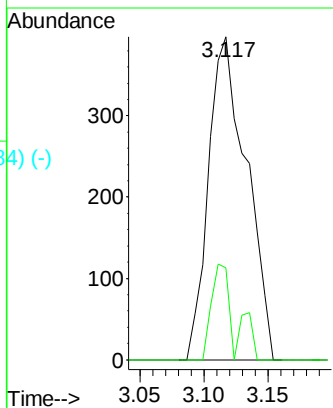
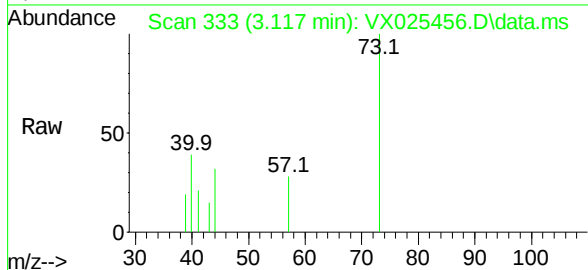
Abundance Scan 333 (3.117 min): VX025183.D\data.ms (-322) #19

Methyl tert-butyl Ether
Concen: 0.22 ug/l
RT: 3.117 min Scan# 19
Delta R.T. 0.000 min
Lab File: VX025456.D
Acq: 03 Dec 2021 02:53

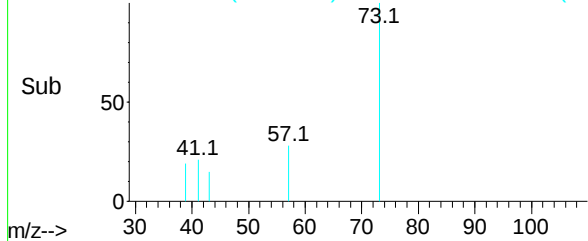
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 73 Resp: 819
Ion Ratio Lower Upper
73 100
57 28.5 17.5 26.3#



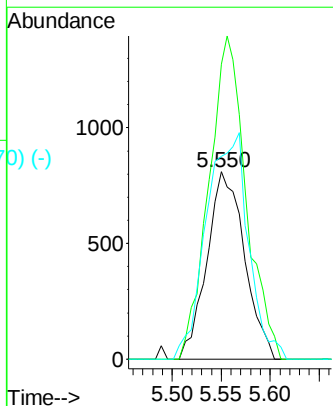
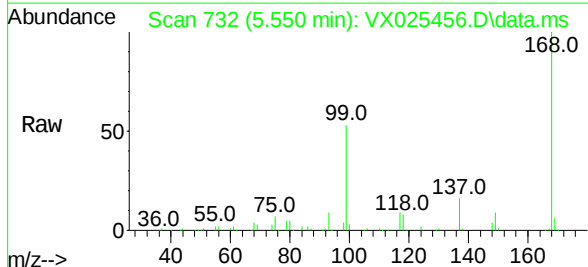
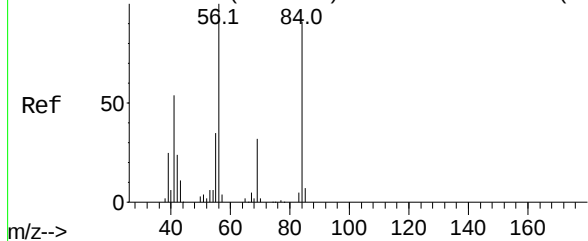
Abundance Scan 333 (3.117 min): VX025456.D\data.ms (-284) (-)



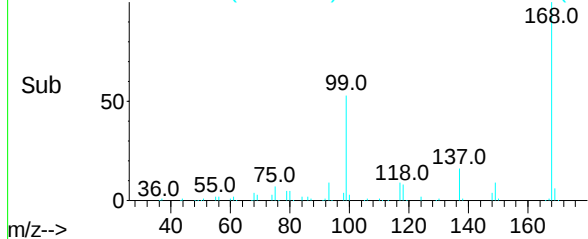
Abundance Scan 719 (5.471 min): VX025183.D\data.ms (-706) #31

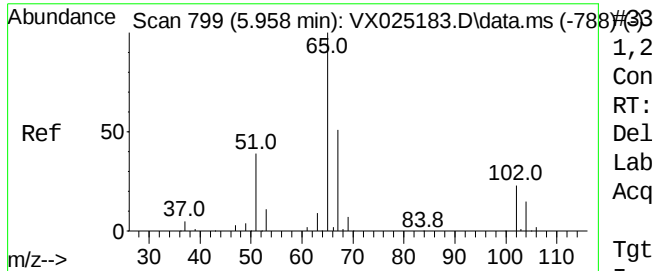
Cyclohexane
Concen: 1.16 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX025456.D
Acq: 03 Dec 2021 02:53

Tgt Ion: 56 Resp: 2159
Ion Ratio Lower Upper
56 100
69 157.3 24.2 36.2#
84 101.9 71.5 107.3



Abundance Scan 732 (5.550 min): VX025456.D\data.ms (-670) (-)

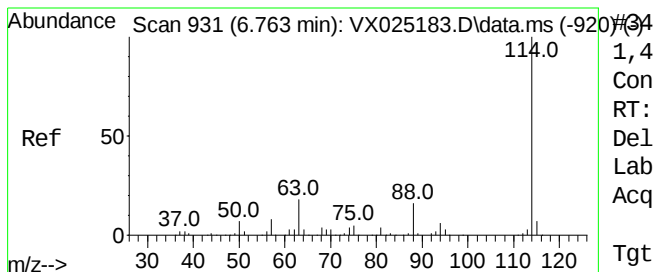
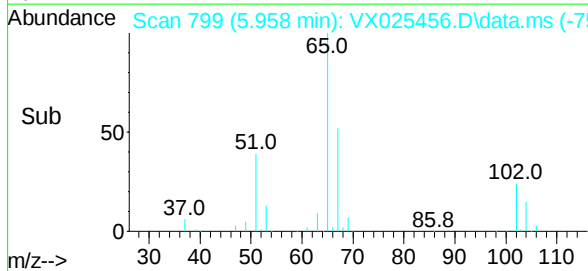
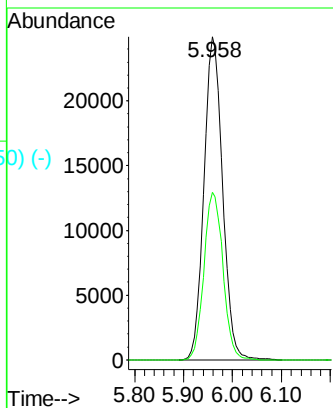
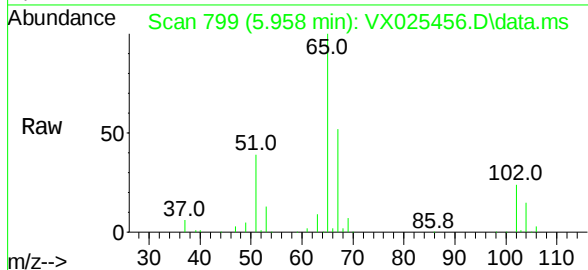




1,2-Dichloroethane-d4
 Concen: 54.87 ug/l
 RT: 5.958 min Scan#
 Delta R.T. 0.000 min
 Lab File: VX025456.D
 Acq: 03 Dec 2021 02:53

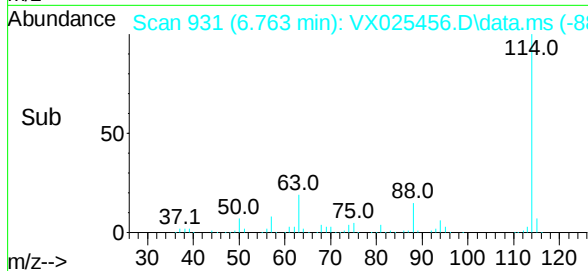
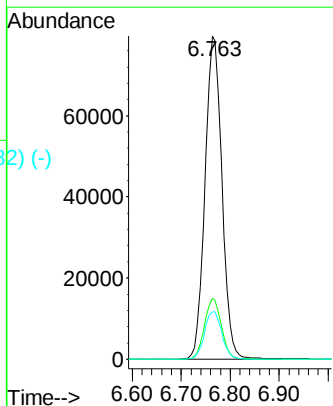
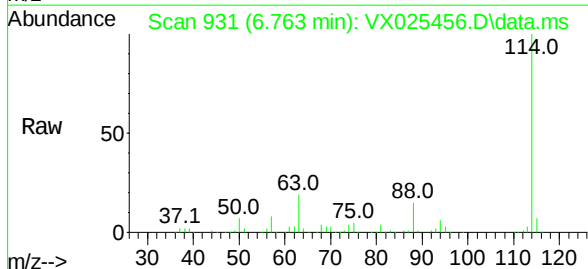
Instrument :
 MSVOA_D
 ClientSampleId :

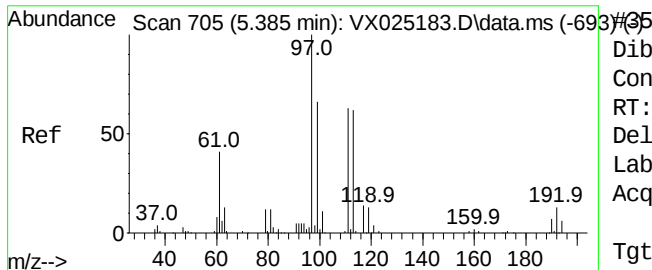
Tgt Ion: 65 Resp: 65802
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 101.0



1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX025456.D
 Acq: 03 Dec 2021 02:53

Tgt Ion: 114 Resp: 191022
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 41.0
 88 14.6 0.0 34.8

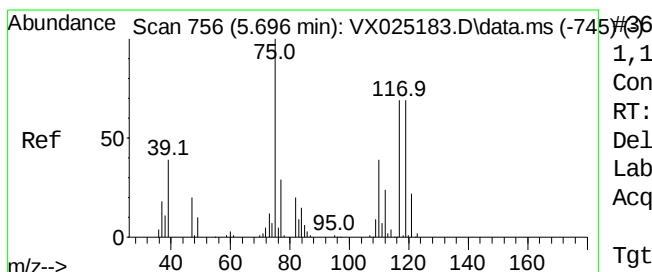
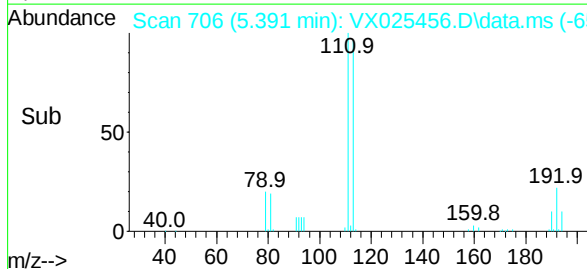
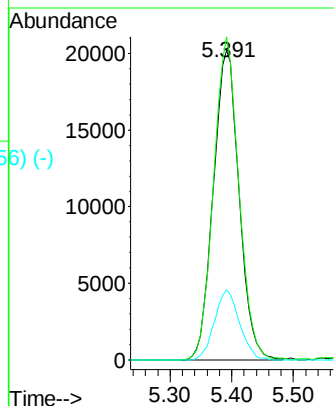
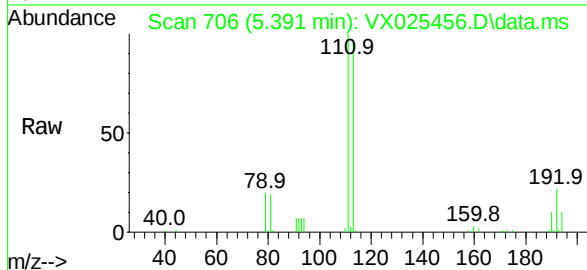




Dibromofluoromethane
Concen: 49.93 ug/l
RT: 5.391 min Scan#
Delta R.T. 0.006 min
Lab File: VX025456.D
Acq: 03 Dec 2021 02:53

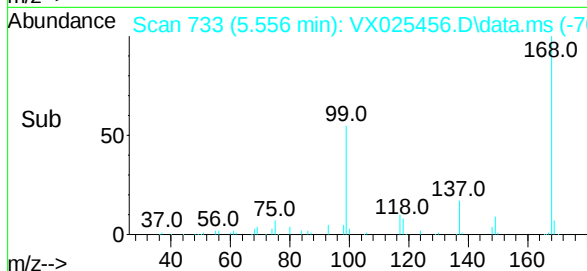
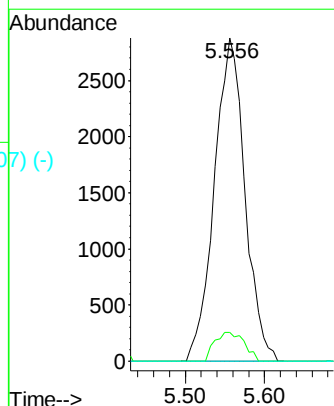
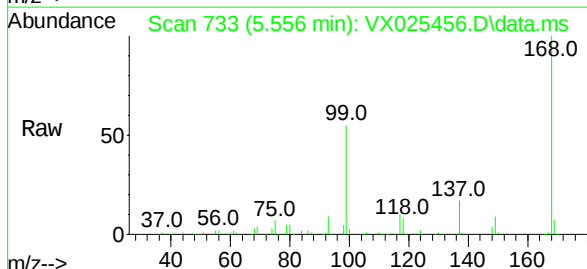
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 58518
Ion Ratio Lower Upper
113 100
111 102.5 82.1 123.1
192 21.9 15.6 23.4



1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX025456.D
Acq: 03 Dec 2021 02:53

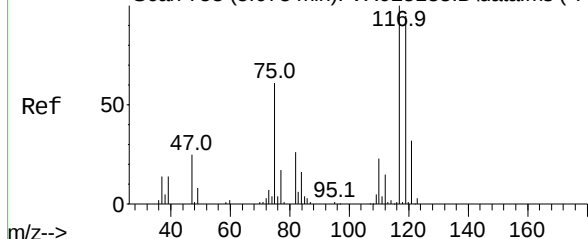
Tgt Ion: 75 Resp: 7734
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.3#
77 0.0 24.4 36.6#



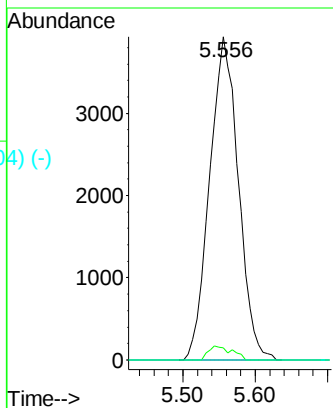
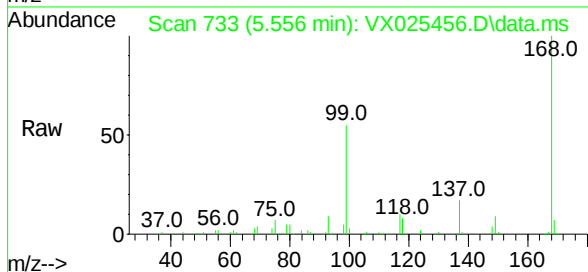
Abundance Scan 753 (5.678 min): VX025183.D\data.ms (-742) #38

Carbon Tetrachloride
Concen: 5.90 ug/l
RT: 5.556 min Scan#
Delta R.T. -0.122 min
Lab File: VX025456.D
Acq: 03 Dec 2021 02:53

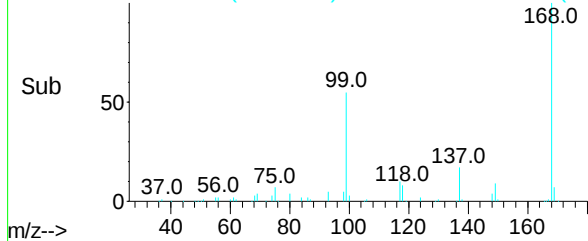
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	117	Resp:	10832
Ion	Ratio	Lower	Upper
117	100		
119	3.7	75.6	113.4#
121	0.0	23.7	35.5#



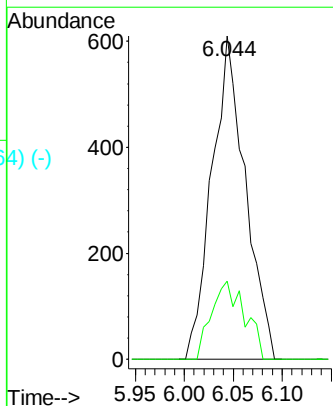
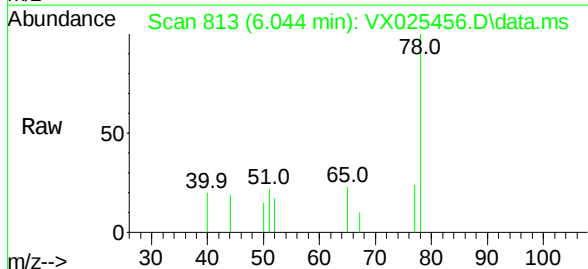
Abundance Scan 733 (5.556 min): VX025456.D\data.ms (-704) (-)



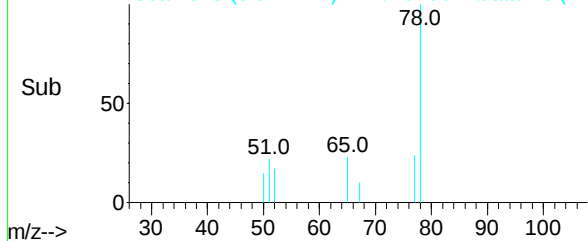
Abundance Scan 813 (6.044 min): VX025183.D\data.ms (-800) #40

Benzene
Concen: 0.29 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX025456.D
Acq: 03 Dec 2021 02:53

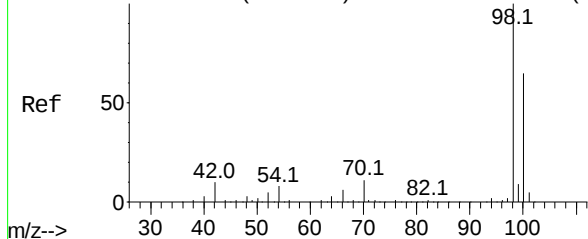
Tgt Ion:	78	Resp:	1453
Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.3	27.5



Abundance Scan 813 (6.044 min): VX025456.D\data.ms (-764) (-)



Abundance Scan 1241 (8.653 min): VX025183.D\data.ms (-12350-)



Toluene-d8

Concen: 49.94 ug/l

RT: 8.653 min Scan#

Delta R.T. -0.000 min

Lab File: VX025456.D

Acq: 03 Dec 2021 02:53

Instrument :

MSVOA_D

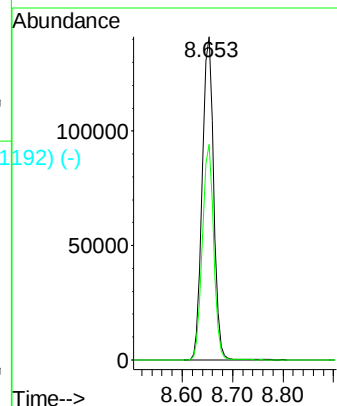
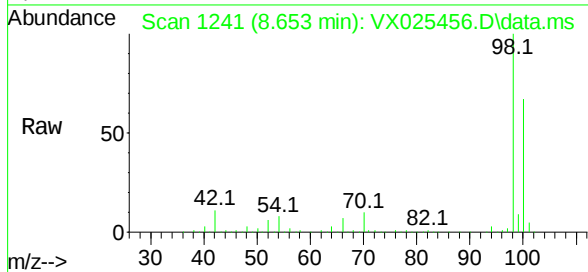
ClientSampleId :

Tgt Ion: 98 Resp: 220071

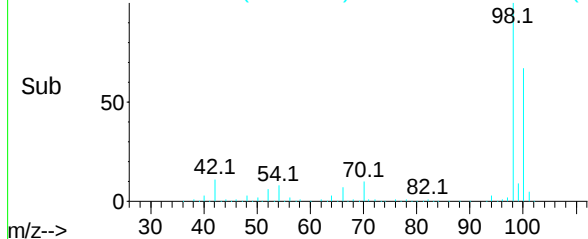
Ion Ratio Lower Upper

98 100

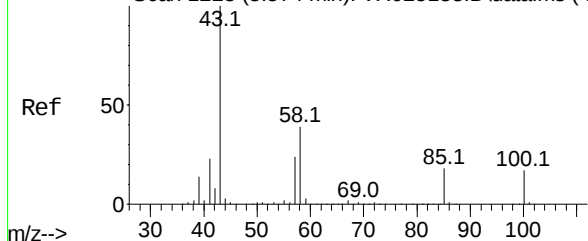
100 65.9 51.4 77.0



Abundance Scan 1241 (8.653 min): VX025456.D\data.ms (-1192-)



Abundance Scan 1228 (8.574 min): VX025183.D\data.ms (-12351-)



4-Methyl-2-Pentanone

Concen: 0.45 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX025456.D

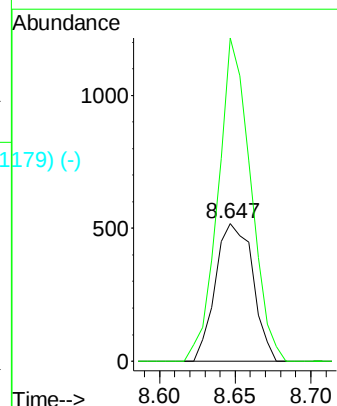
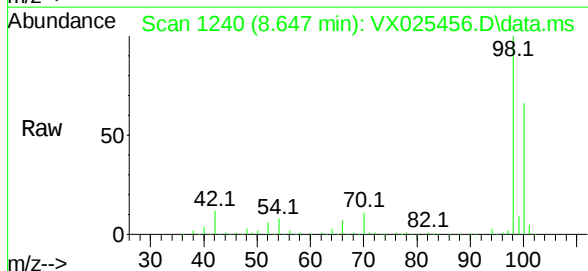
Acq: 03 Dec 2021 02:53

Tgt Ion: 43 Resp: 886

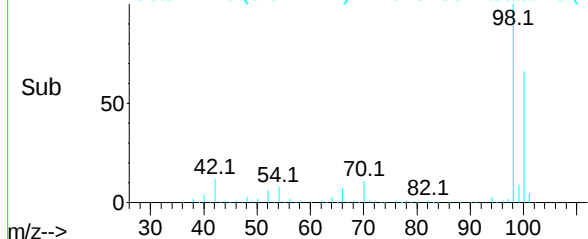
Ion Ratio Lower Upper

43 100

58 204.9 30.9 46.3#



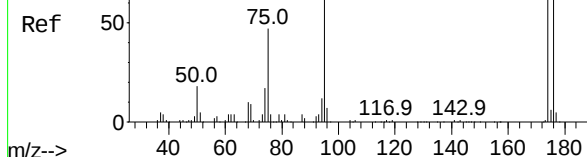
Abundance Scan 1240 (8.647 min): VX025456.D\data.ms (-1179-)



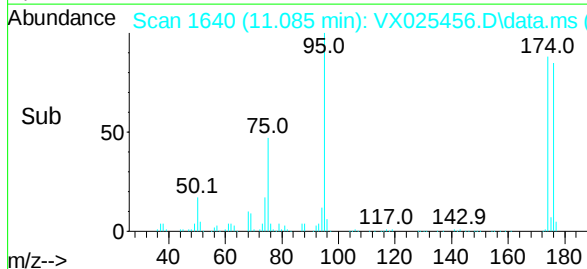
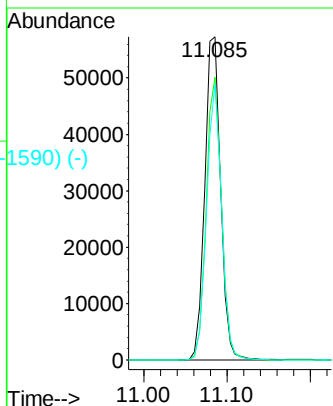
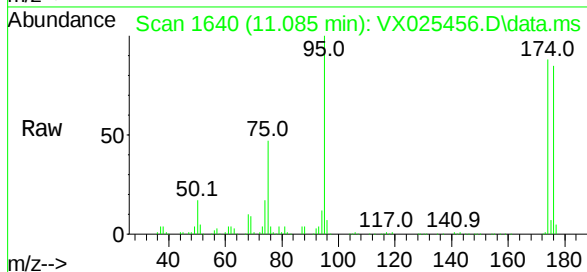
Abundance Scan 1639 (11.079 min): VX025183.D\data.ms (-1639) (-)

4-Bromofluorobenzene
Concen: 45.04 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX025456.D
Acq: 03 Dec 2021 02:53

Instrument :
MSVOA_D
ClientSampleId :

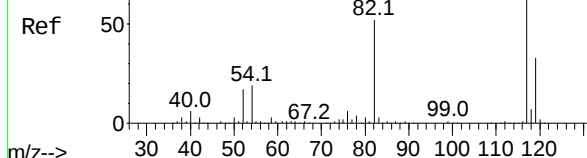


Tgt Ion:	95	Resp:	75093
Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	158.0
176	81.2	0.0	153.6

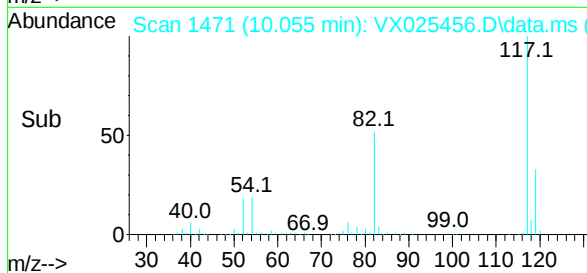
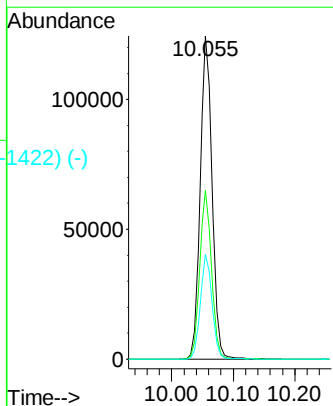
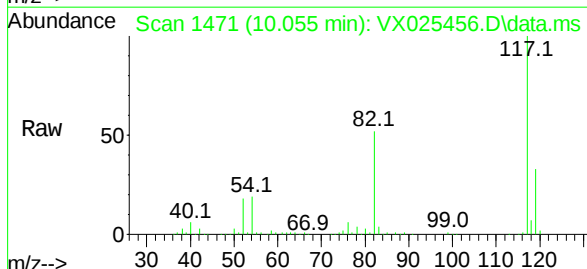


Abundance Scan 1471 (10.055 min): VX025183.D\data.ms (-1469) (-)

Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025456.D
Acq: 03 Dec 2021 02:53



Tgt Ion:	117	Resp:	168741
Ion	Ratio	Lower	Upper
117	100		
82	52.3	44.6	67.0
119	32.5	24.8	37.2



Abundance Scan 1794 (12.024 min): VX025183.D\data.ms (-1759) (-)

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

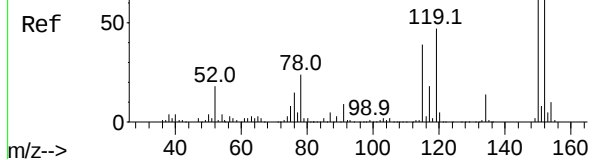
Lab File: VX025456.D

Acq: 03 Dec 2021 02:53

Instrument :

MSVOA_D

ClientSampleId :



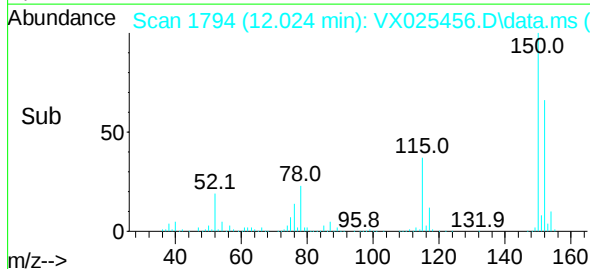
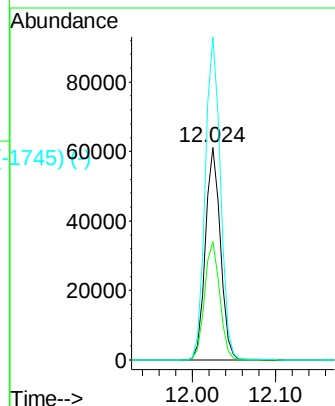
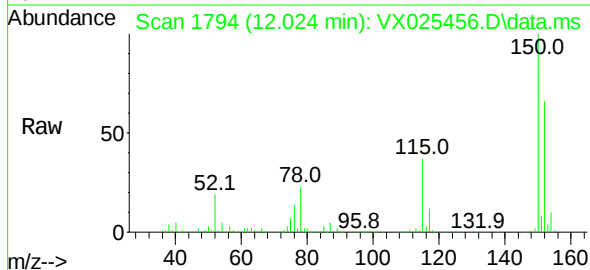
Tgt Ion:152 Resp: 75798

Ion Ratio Lower Upper

152 100

115 56.3 43.3 129.8

150 154.1 0.0 351.2



Abundance Scan 1666 (11.244 min): VX025183.D\data.ms (-1676) (-)

1,2,3-Trichloropropane

Concen: 23.32 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX025456.D

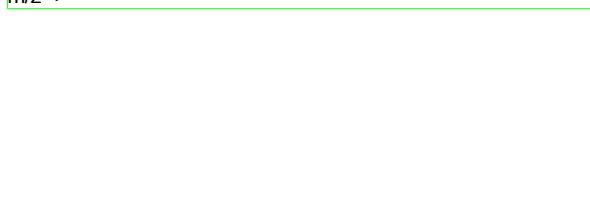
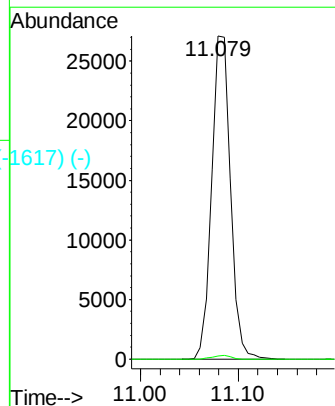
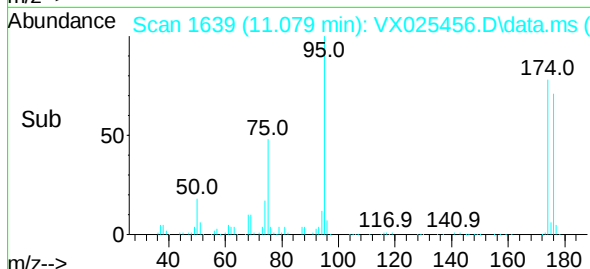
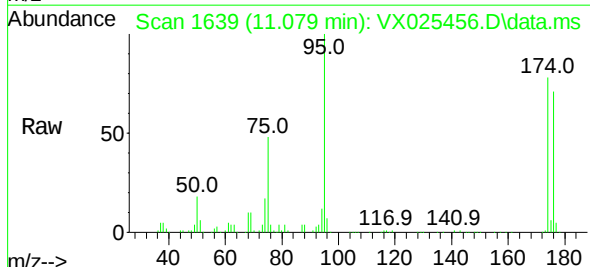
Acq: 03 Dec 2021 02:53

Tgt Ion: 75 Resp: 36196

Ion Ratio Lower Upper

75 100

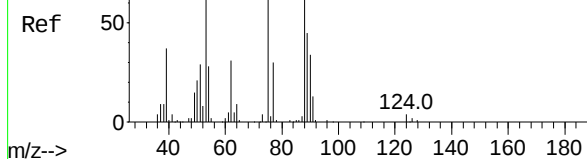
77 1.1 20.0 59.9#



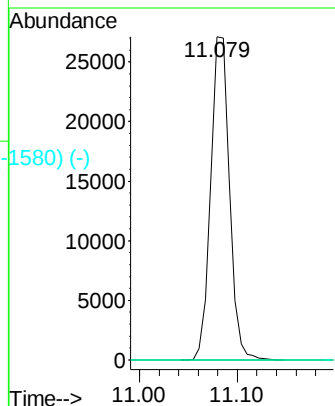
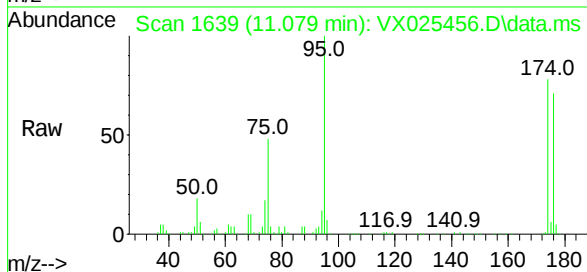
Abundance Scan 1629 (11.018 min): VX025183.D\data.ms (-1629) (-)

trans-1,4-Dichloro-2-butene
Concen: 58.75 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX025456.D
Acq: 03 Dec 2021 02:53

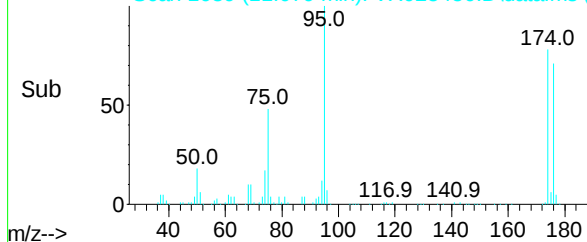
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	75	Resp:	36196
Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.9	122.9#
89	0.0	38.2	57.2#



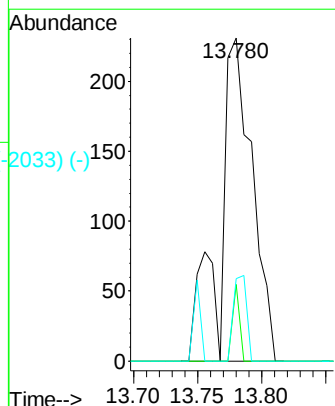
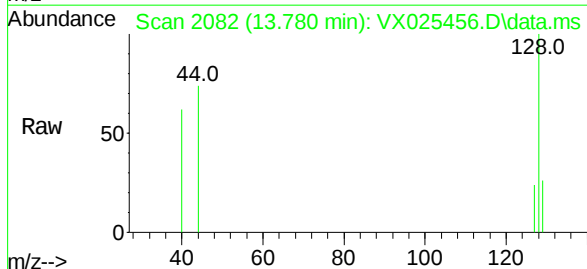
Abundance Scan 1639 (11.079 min): VX025456.D\data.ms (-1580) (-)



Abundance Scan 2082 (13.780 min): VX025183.D\data.ms (-2095) (-)

Naphthalene
Concen: Below Cal
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025456.D
Acq: 03 Dec 2021 02:53

Tgt Ion:	128	Resp:	405
Ion	Ratio	Lower	Upper
128	100		
127	4.9	10.3	15.5#
129	10.9	8.8	13.2



Abundance Scan 2082 (13.780 min): VX025456.D\data.ms (-2033) (-)

