

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\
 Data File : VX004816.D
 Acq On : 28 Sep 2018 13:00
 Operator : JC/MD
 Sample : J5081-20ME
 Misc : 5.26g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2-DME

Quant Time: Sep 29 06:22:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	222589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	357208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	378046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230106	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	168790	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	
35) Dibromofluoromethane	5.50	113	136932	45.23	ug/l	0.00
Spiked Amount			Recovery	=	90.46%	
50) Toluene-d8	8.71	98	616999	61.30	ug/l	0.00
Spiked Amount			Recovery	=	122.60%	
62) 4-Bromofluorobenzene	11.14	95	227413	62.72	ug/l	0.00
Spiked Amount			Recovery	=	125.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	729	0.356	ug/l	83
6) Chloroethane	1.72	64	125	Below Cal	#	1
10) Methyl Iodide	2.49	142	1063	0.326	ug/l	90
11) Tert butyl alcohol	3.03	59	7621	8.572	ug/l #	73
13) Acrolein	2.31	56	284	0.449	ug/l	84
15) Acrylonitrile	3.18	53	866	0.442	ug/l #	77
18) Methyl Acetate	2.79	43	4220	0.897	ug/l	99
20) Methylene Chloride	2.84	84	1019	Below Cal	#	87
25) 2-Butanone	4.75	43	1358	0.496	ug/l	96
31) Cyclohexane	5.56	56	2679	0.662	ug/l #	85
36) 1,1-Dichloropropene	5.66	75	15602	3.777	ug/l #	49
38) Carbon Tetrachloride	5.65	117	19609	4.516	ug/l #	17
39) Methylcyclohexane	7.45	83	59568	14.123	ug/l #	83
47) Bromodichloromethane	7.85	83	4311	1.155	ug/l #	1
48) Methyl methacrylate	7.84	41	30918	8.608	ug/l	88
51) 4-Methyl-2-Pentanone	8.66	43	220413	44.235	ug/l #	40
53) t-1,3-Dichloropropene	9.05	75	1190	0.282	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	636606	204.535	ug/l #	20
56) Ethyl methacrylate	9.16	69	135875	28.225	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.34	63	99	14.277	ug/l #	45
59) 2-Hexanone	9.44	43	583221	140.460	ug/l #	26
60) Dibromochloromethane	9.55	129	1518	0.488	ug/l #	1
61) 1,2-Dibromoethane	9.68	107	796	0.239	ug/l #	1
65) Chlorobenzene	10.24	112	9275	0.957	ug/l #	40
70) Styrene	10.71	104	383	2.176	ug/l #	1
73) Isopropylbenzene	11.02	105	113835	7.849	ug/l	99
74) N-amyl acetate	10.91	43	133261	17.880	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	71171	12.055	ug/l #	25
76) 1,2,3-Trichloropropane	11.14	75	108877	21.110	ug/l #	35
78) n-propylbenzene	11.36	91	115870	6.963	ug/l	97
79) 2-Chlorotoluene	11.36	91	115870	11.170	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	1293	Below Cal	#	27
81) trans-1,4-Dichloro-2-buten	11.14	75	108877	57.275	ug/l #	9
82) 4-Chlorotoluene	11.36	91	115870	9.490	ug/l #	44

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092818\
 Data File : VX004816.D
 Acq On : 28 Sep 2018 13:00
 Operator : JC/MD
 Sample : J5081-20ME
 Misc : 5.26g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2-DME

Quant Time: Sep 29 06:22:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

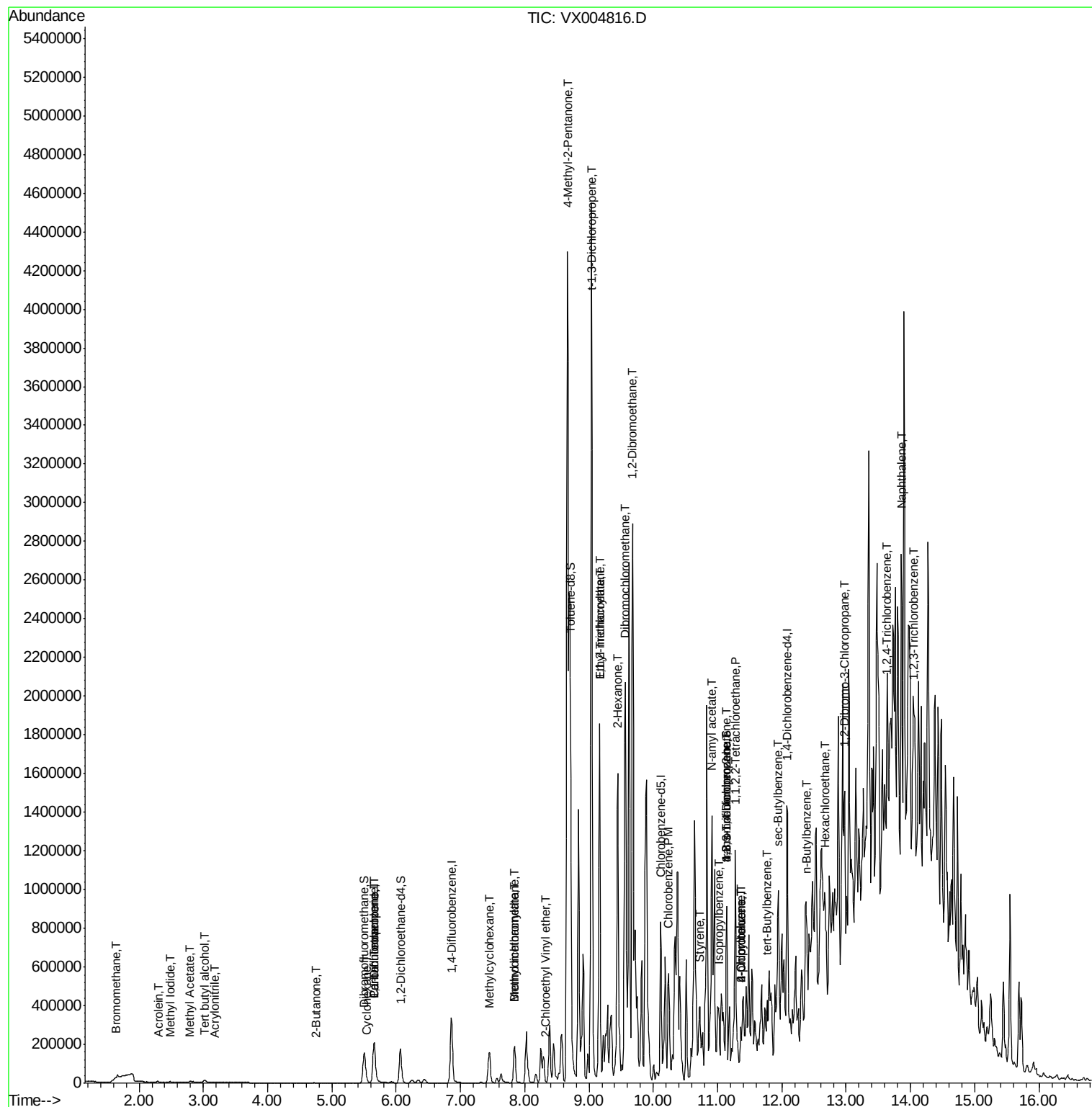
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.77	119	10816	0.906	ug/l	79
84) 1,2,4-Trimethylbenzene	11.81	105	1821	Below Cal		67
85) sec-Butylbenzene	11.95	105	39961	2.747	ug/l	99
89) n-Butylbenzene	12.39	91	25147	2.101	ug/l	78
90) Hexachloroethane	12.67	117	22643	10.320	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	12.98	75	2370	1.828	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.63	180	2363	0.410	ug/l #	1
95) Naphthalene	13.86	128	16154	1.551	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.04	180	14206	2.385	ug/l #	1

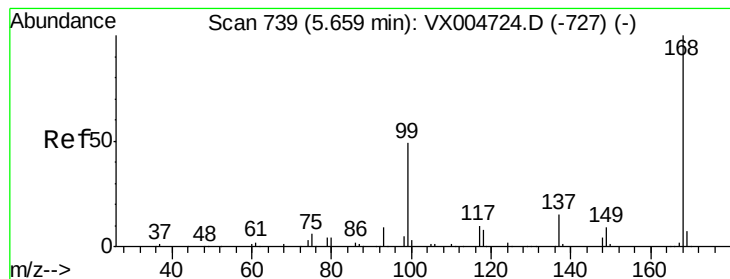
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092818\
Data File : VX004816.D
Acq On : 28 Sep 2018 13:00
Operator : JC/MD
Sample : J5081-20ME
Misc : 5.26g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-2-DME

Quant Time: Sep 29 06:22:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004816.D

Acq: 28 Sep 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

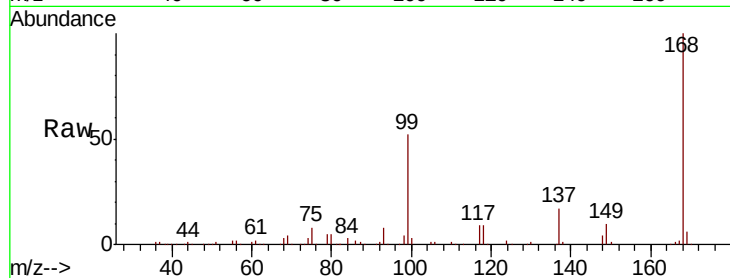
TP-2-DME

Tot Ion:168 Resp: 222589

Ion Ratio Lower Upper

168 100

99 52.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

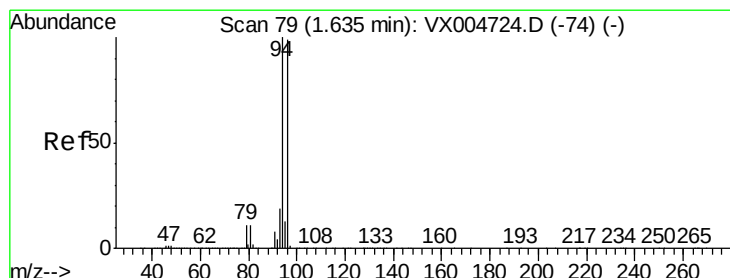
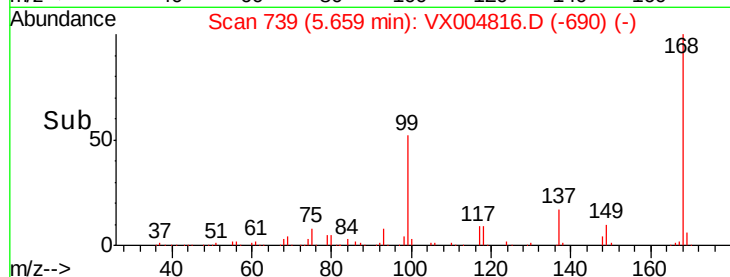
40000

20000

0

Time-->

5.60 5.80 6.00



#5

Bromomethane

Concen: 0.356 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004816.D

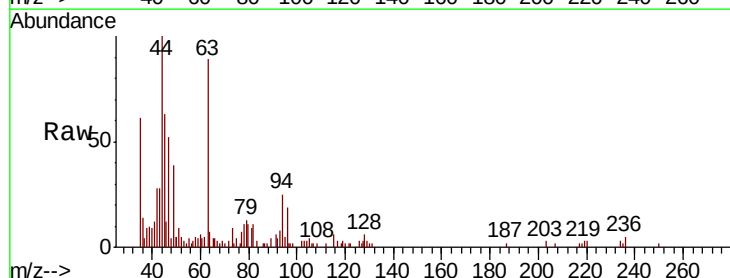
Acq: 28 Sep 2018 13:00

Tgt Ion: 94 Resp: 729

Ion Ratio Lower Upper

94 100

96 77.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

800

600

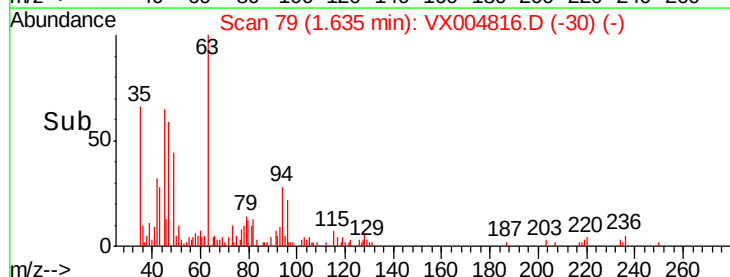
400

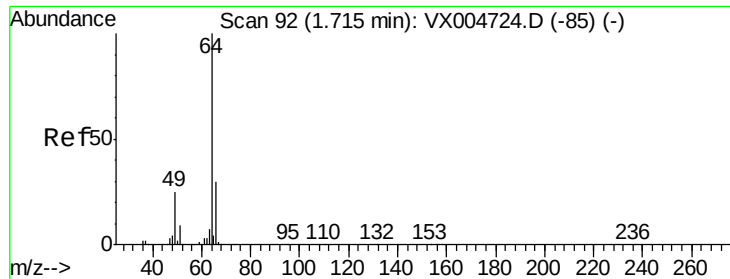
200

0

Time-->

1.60 1.62 1.64 1.66





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004816.D

Acq: 28 Sep 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

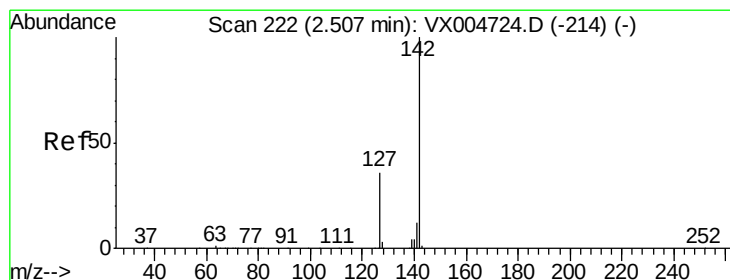
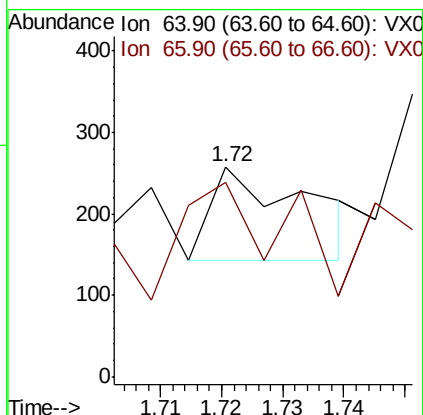
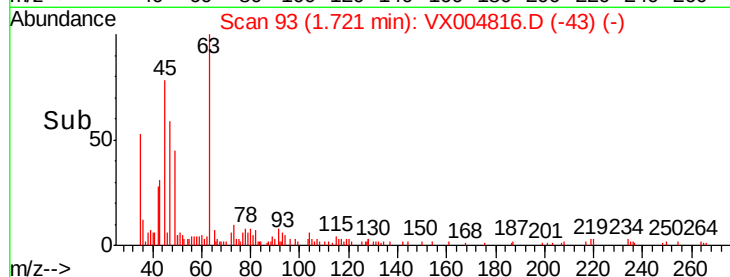
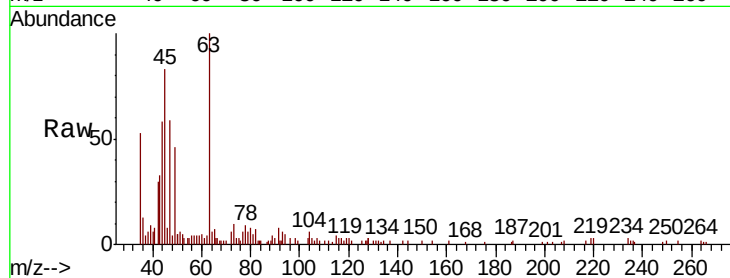
TP-2-DME

Tot Ion: 64 Resp: 125

Ion Ratio Lower Upper

64 100

66 121.6 24.6 36.8#



#10

Methyl Iodide

Concen: 0.326 ug/l

RT: 2.49 min Scan# 219

Delta R.T. -0.02 min

Lab File: VX004816.D

Acq: 28 Sep 2018 13:00

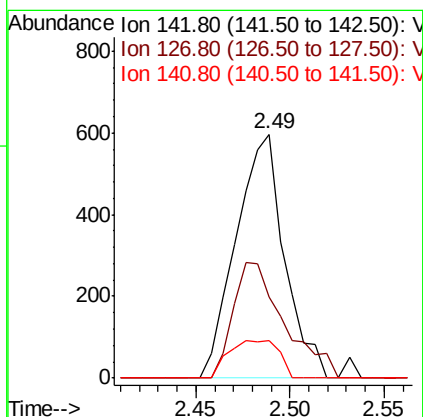
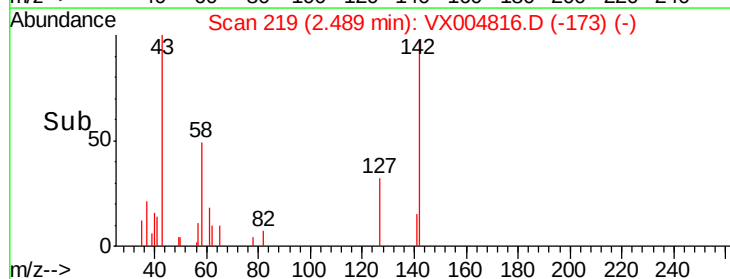
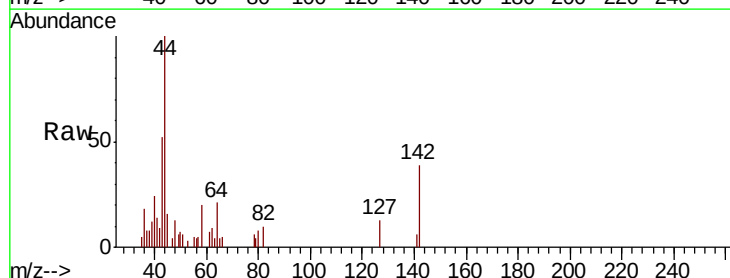
Tgt Ion: 142 Resp: 1063

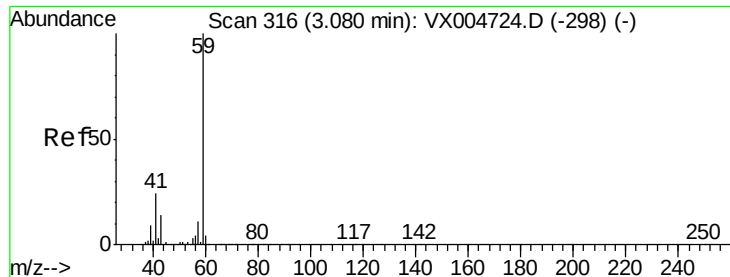
Ion Ratio Lower Upper

142 100

127 49.9 33.8 50.6

141 15.9 11.4 17.0

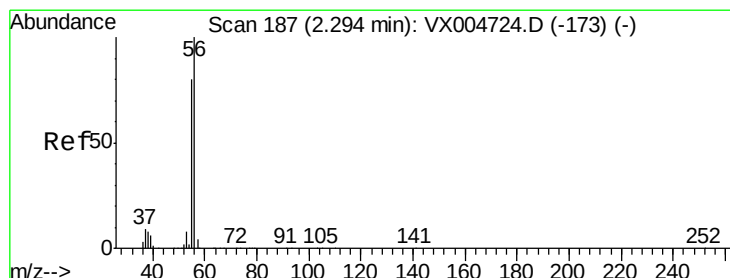
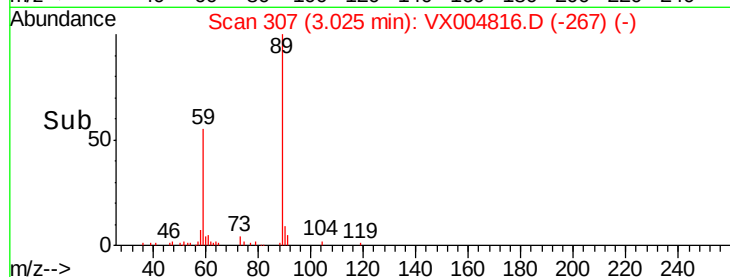
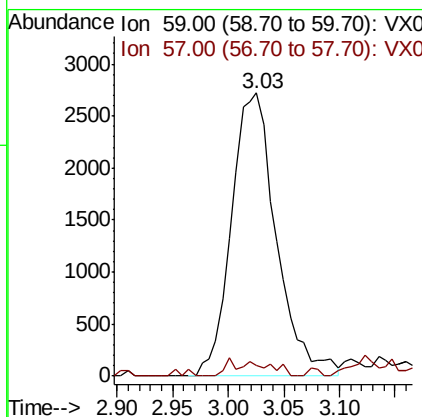
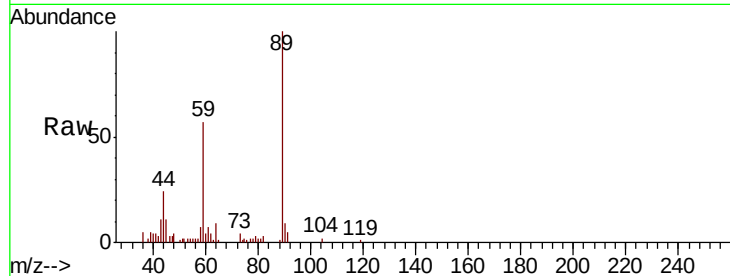




#11
Tert butyl alcohol
Concen: 8.572 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX004816.D
Acq: 28 Sep 2018 13:00

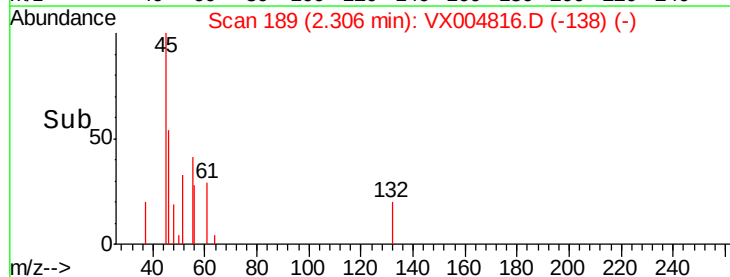
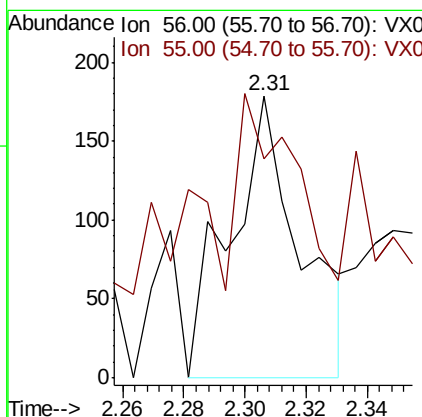
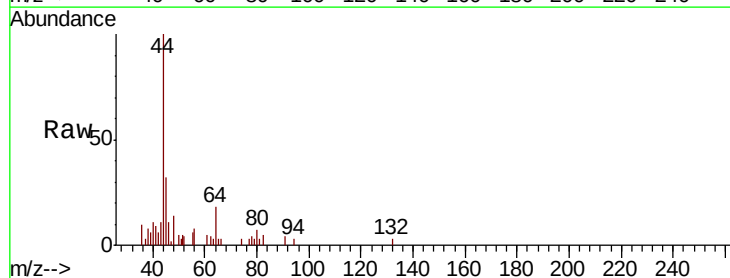
Instrument :
MSVOA_X
ClientSampled :
TP-2-DME

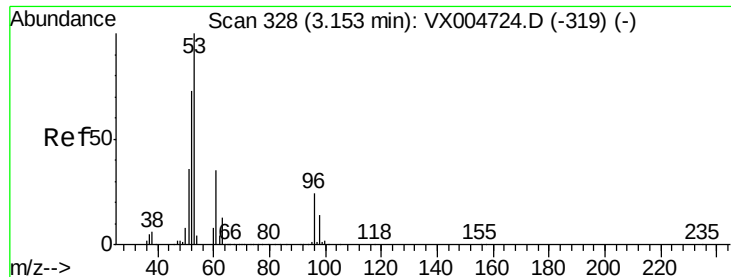
Tot Ion: 59 Resp: 7621
Ion Ratio Lower Upper
59 100
57 0.4 8.2 12.4#



#13
Acrolein
Concen: 0.449 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX004816.D
Acq: 28 Sep 2018 13:00

Tgt Ion: 56 Resp: 284
Ion Ratio Lower Upper
56 100
55 81.7 54.7 82.1





#15

Acrylonitrile

Concen: 0.442 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.02 min

Lab File: VX004816.D

Acq: 28 Sep 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

TP-2-DME

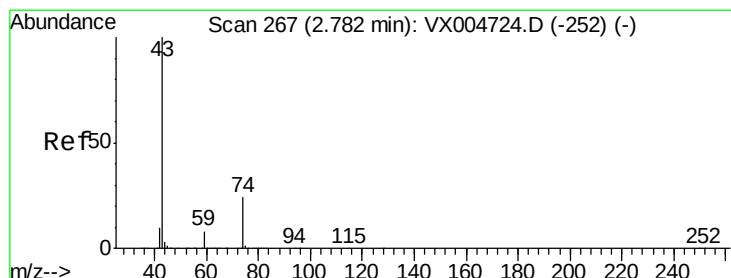
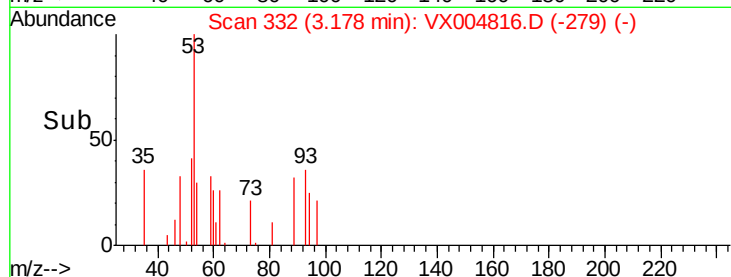
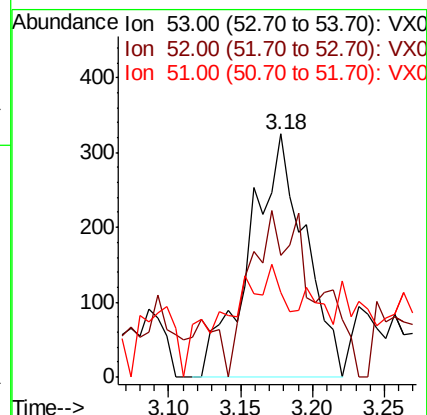
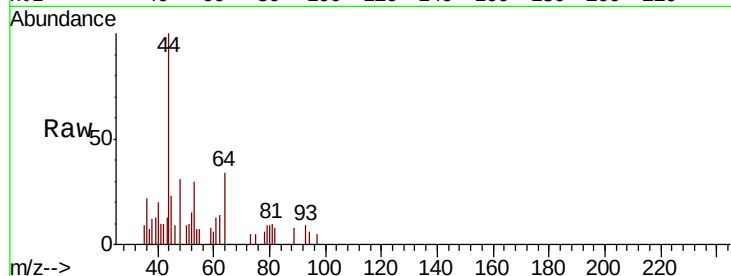
Tot Ion: 53 Resp: 866

Ion Ratio Lower Upper

53 100

52 63.9 65.2 97.8#

51 18.4 28.2 42.2#



#18

Methyl Acetate

Concen: 0.897 ug/l

RT: 2.79 min Scan# 269

Delta R.T. 0.01 min

Lab File: VX004816.D

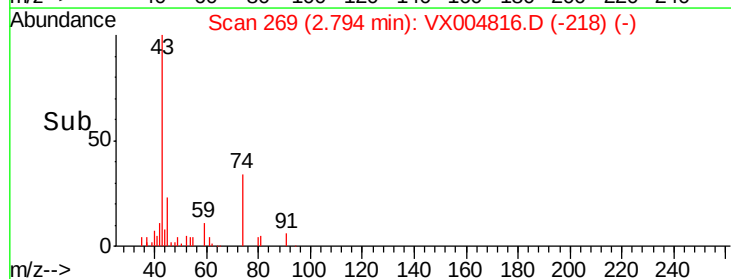
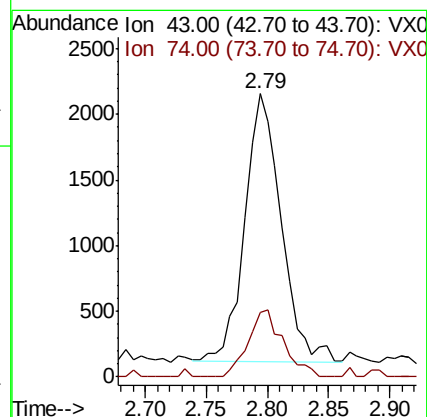
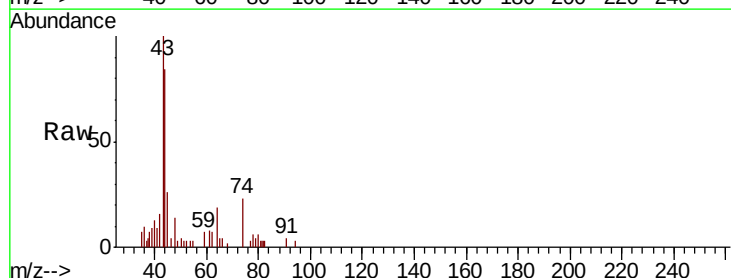
Acq: 28 Sep 2018 13:00

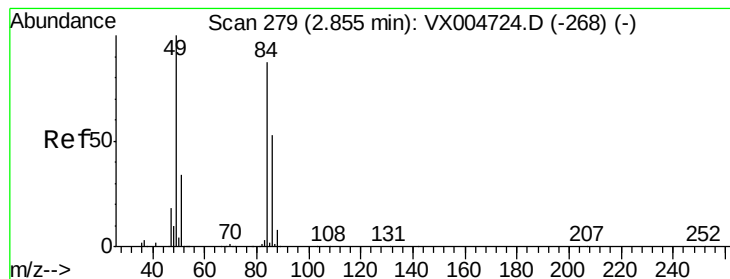
Tgt Ion: 43 Resp: 4220

Ion Ratio Lower Upper

43 100

74 23.9 19.4 29.2





#20

Methylene Chloride

Concen: Below Cal

RT: 2.84 min Scan# 277

Delta R.T. -0.01 min

Lab File: VX004816.D

Acq: 28 Sep 2018 13:00

Instrument :

MSVOA_X

ClientSampled :

TP-2-DME

Tot Ion: 84 Resp: 1019

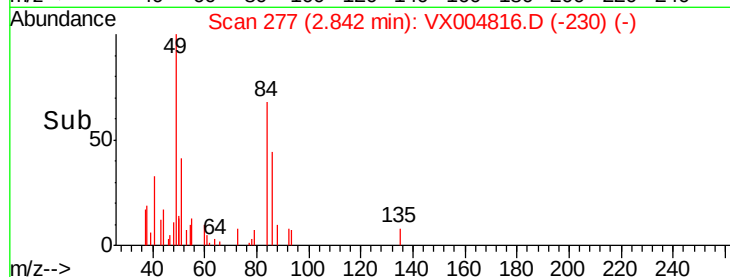
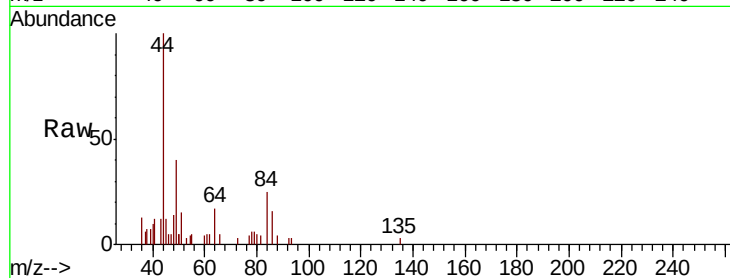
Ion Ratio Lower Upper

84 100

49 145.4 101.2 151.8

51 49.1 29.5 44.3#

86 65.0 52.3 78.5

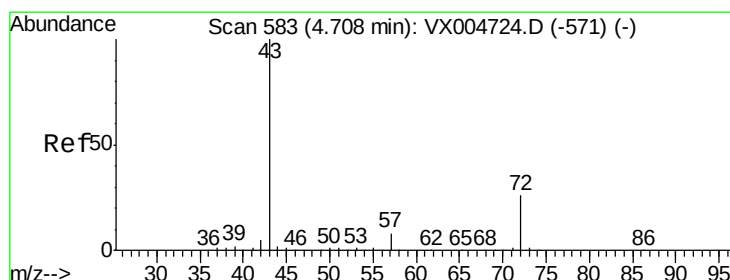
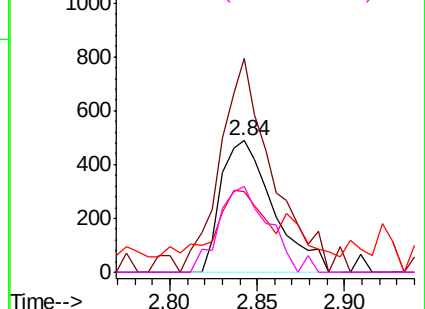


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 0.496 ug/l

RT: 4.75 min Scan# 590

Delta R.T. 0.04 min

Lab File: VX004816.D

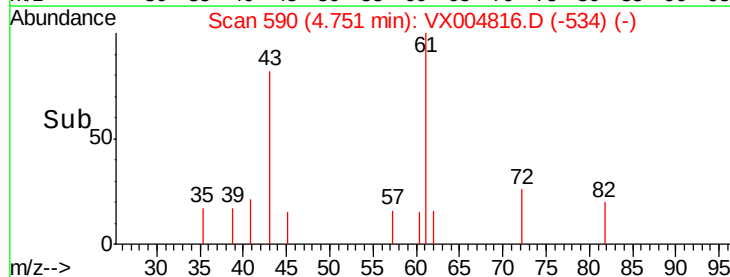
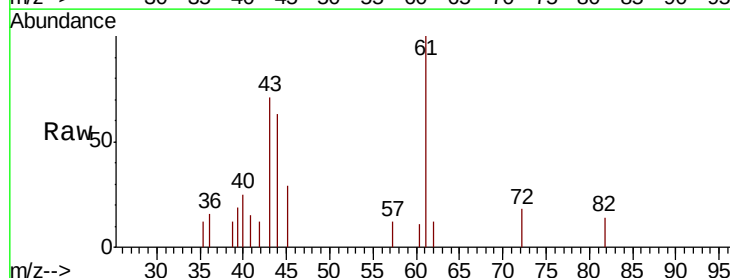
Acq: 28 Sep 2018 13:00

Tgt Ion: 43 Resp: 1358

Ion Ratio Lower Upper

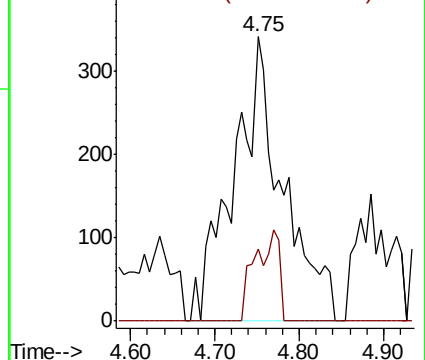
43 100

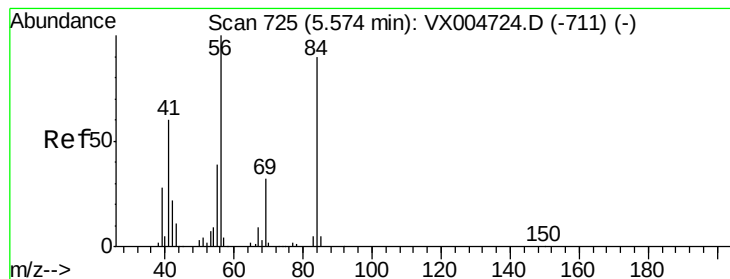
72 25.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

Cyclohexane

Concen: 0.662 ug/l

RT: 5.56 min Scan# 722

Delta R.T. -0.02 min

Lab File: VX004816.D

Acq: 28 Sep 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

TP-2-DME

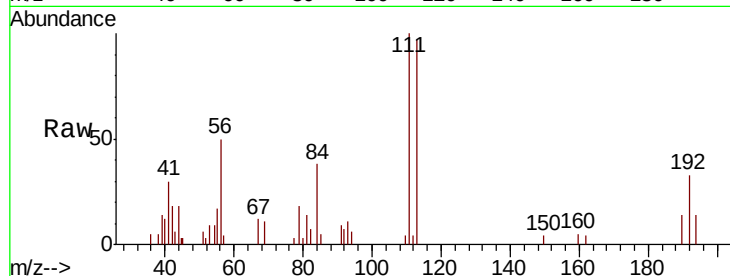
Tot Ion: 56 Resp: 2679

Ion Ratio Lower Upper

56 100

69 22.5 25.4 38.2#

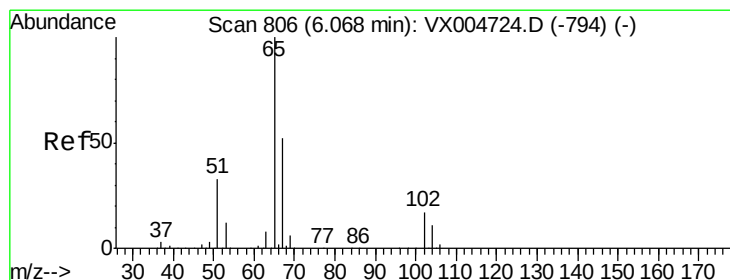
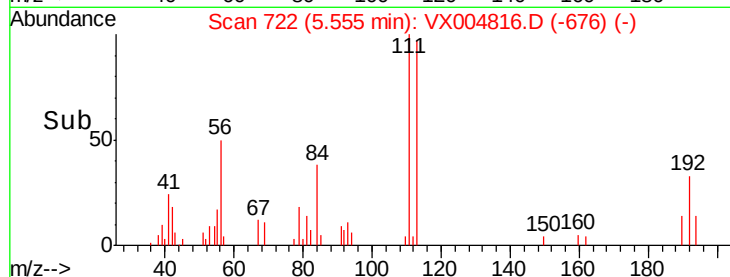
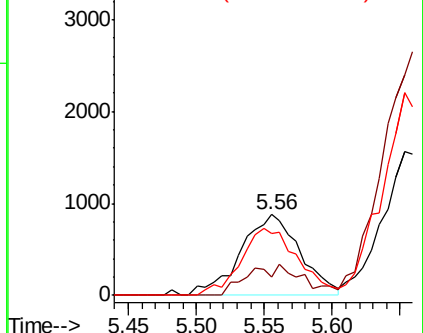
84 75.7 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.084 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004816.D

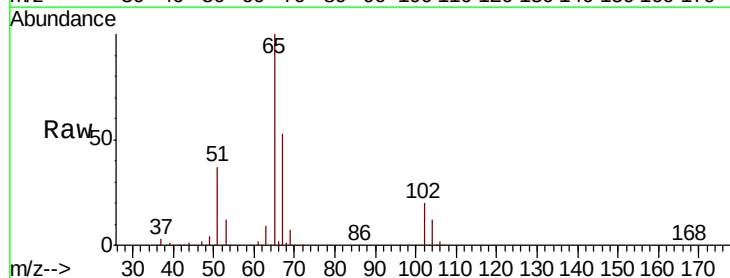
Acq: 28 Sep 2018 13:00

Tgt Ion: 65 Resp: 168790

Ion Ratio Lower Upper

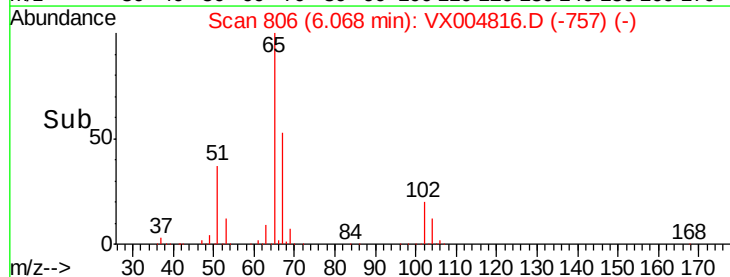
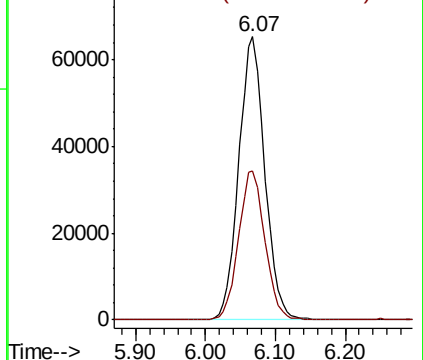
65 100

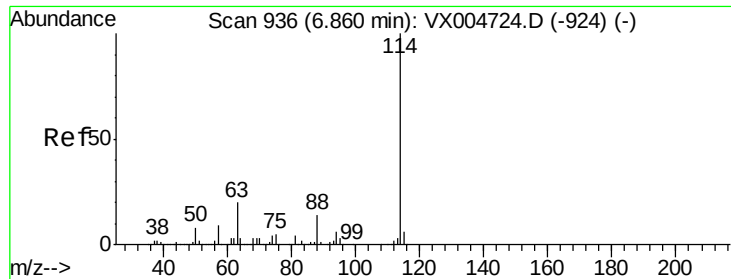
67 53.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

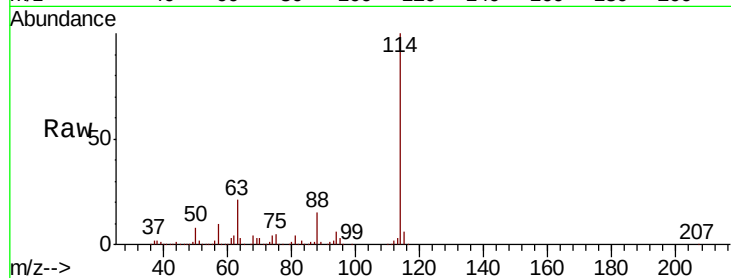




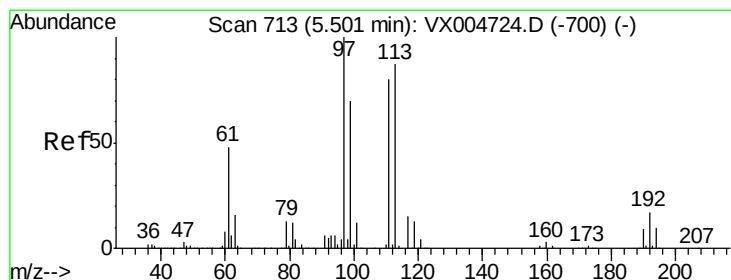
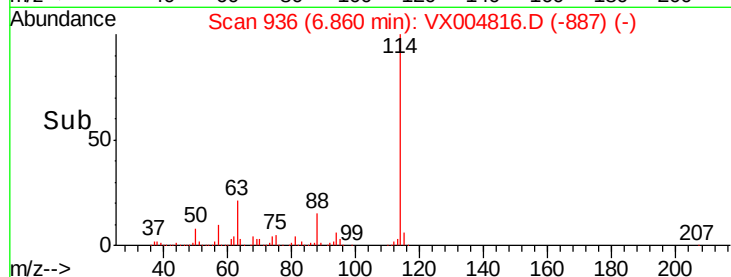
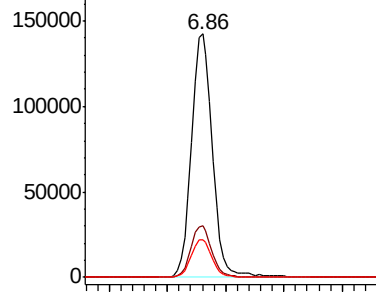
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004816.D
 Acq: 28 Sep 2018 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2-DME

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	39.0
88	15.3	0.0	30.4

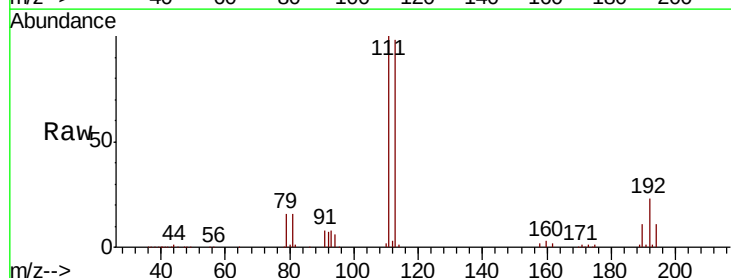


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

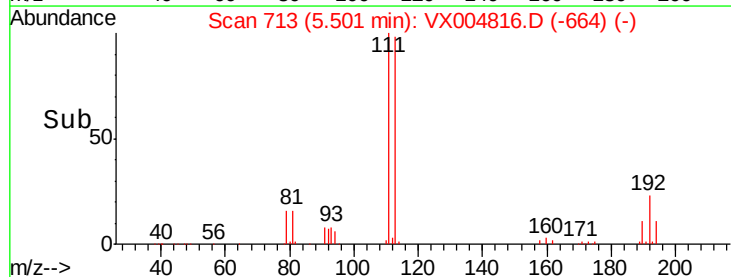
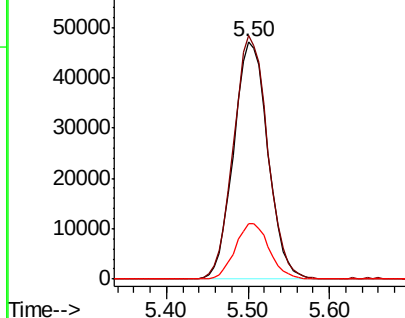


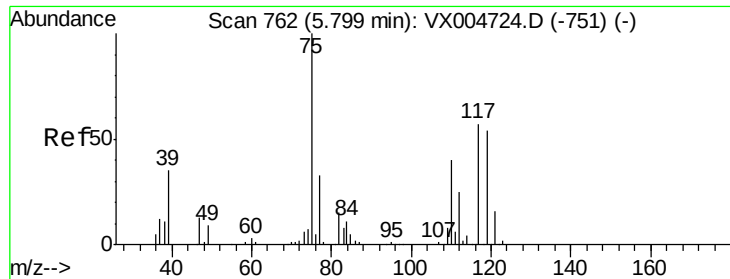
#35
 Dibromofluoromethane
 Concen: 45.231 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004816.D
 Acq: 28 Sep 2018 13:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	23.3	19.4	29.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

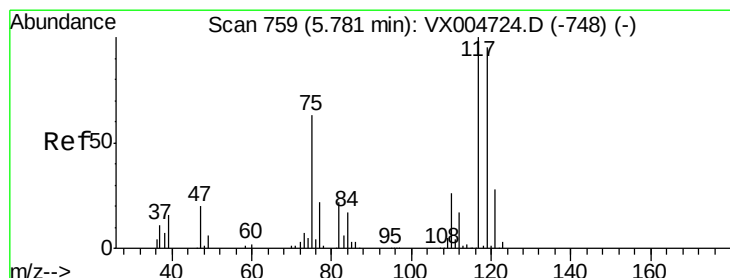
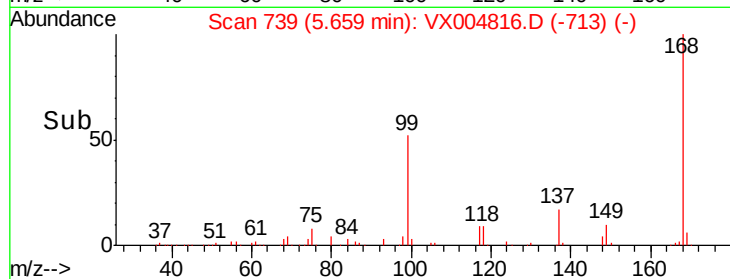
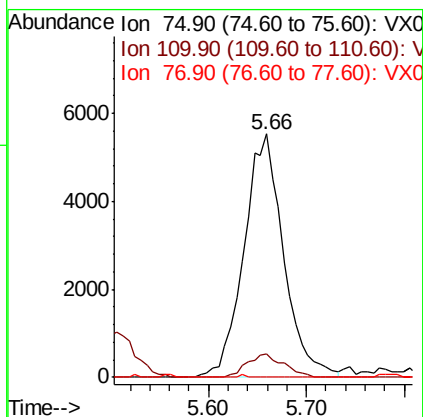
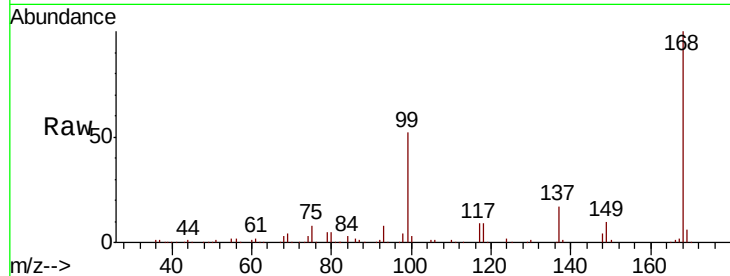




#36
 1,1-Dichloropropene
 Concen: 3.777 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX004816.D
 Acq: 28 Sep 2018 13:00

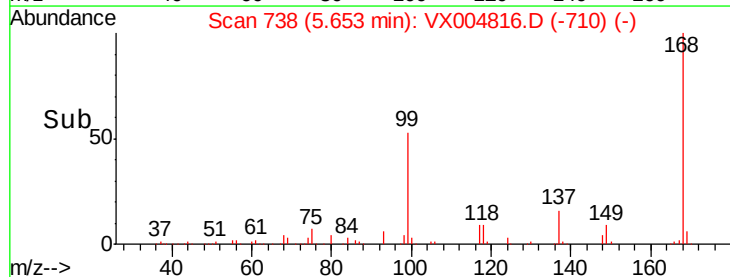
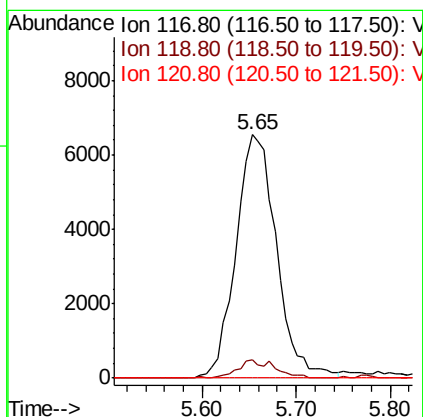
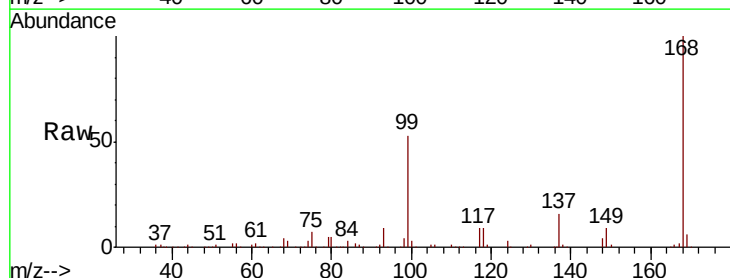
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2-DME

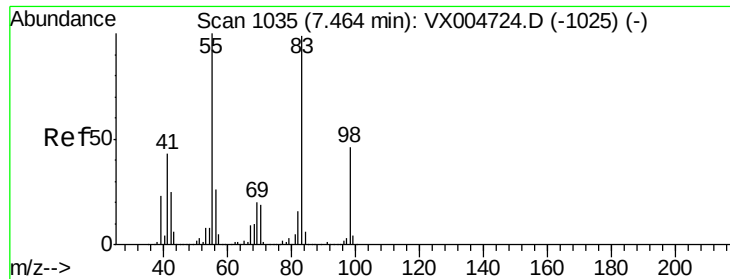
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.0	54.0#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 4.516 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.13 min
 Lab File: VX004816.D
 Acq: 28 Sep 2018 13:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.6	78.8	118.2#
121	0.0	24.9	37.3#

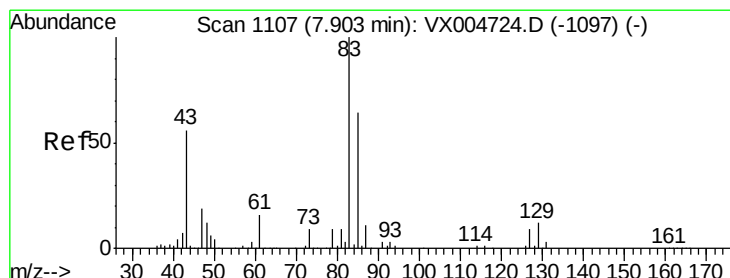
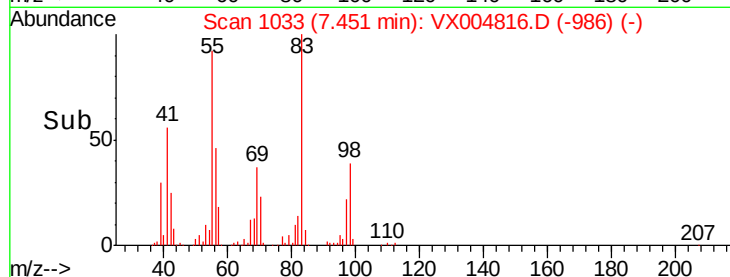
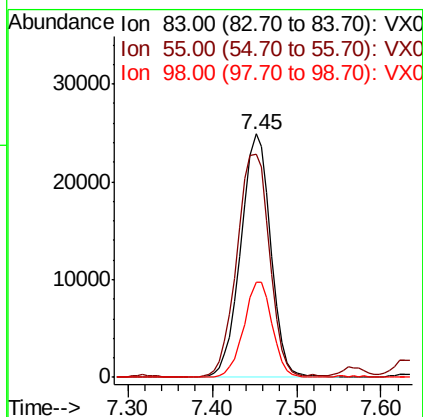
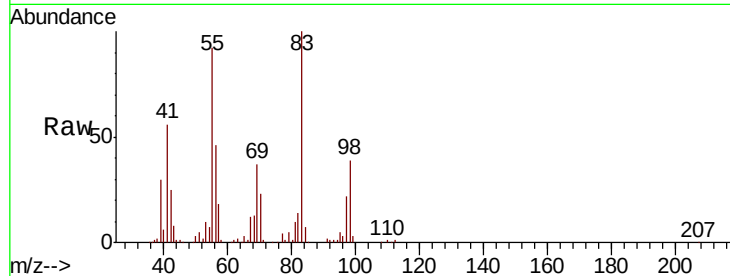




#39
Methylvlcyclohexane
Concen: 14.123 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX004816.D
Acq: 28 Sep 2018 13:00

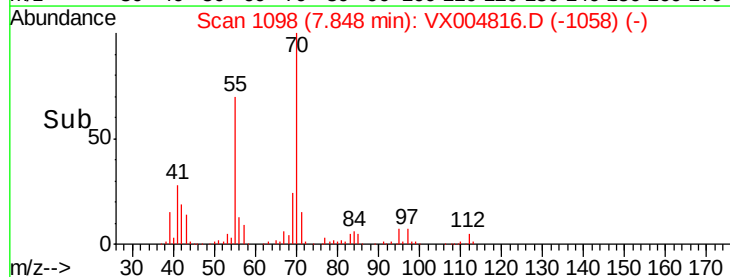
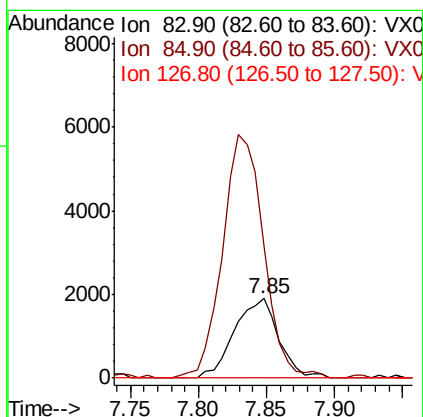
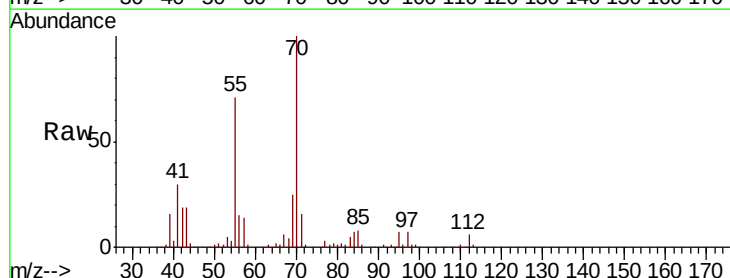
Instrument :
MSVOA_X
ClientSampleId :
TP-2-DME

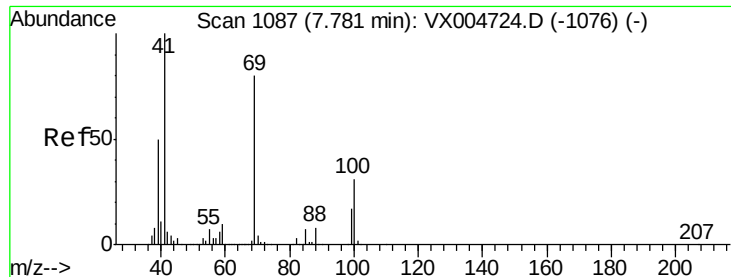
Tot Ion: 83 Resp: 59568
Ion Ratio Lower Upper
83 100
55 91.6 61.0 91.4#
98 38.9 39.6 59.4#



#47
Bromodichloromethane
Concen: 1.155 ug/l
RT: 7.85 min Scan# 1098
Delta R.T. -0.05 min
Lab File: VX004816.D
Acq: 28 Sep 2018 13:00

Tgt Ion: 83 Resp: 4311
Ion Ratio Lower Upper
83 100
85 165.4 50.9 76.3#
127 0.0 7.3 10.9#

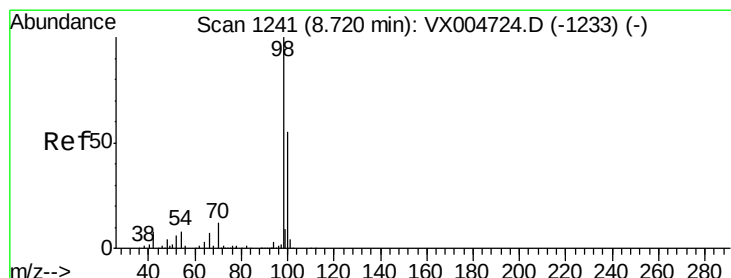
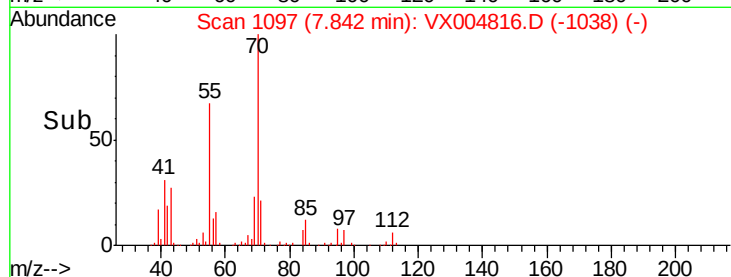
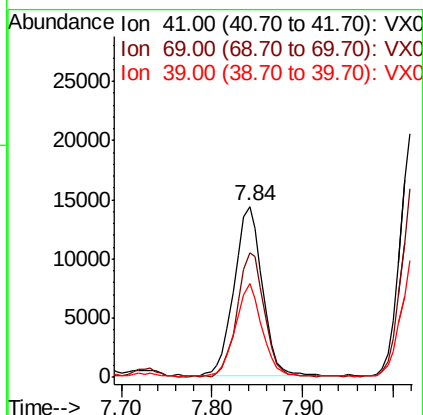
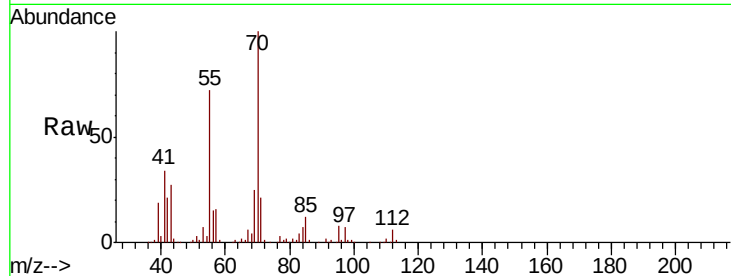




#48
Methvl methacrylate
Concen: 8.608 ug/l
RT: 7.84 min Scan# 1097
Delta R.T. 0.06 min
Lab File: VX004816.D
Acq: 28 Sep 2018 13:00

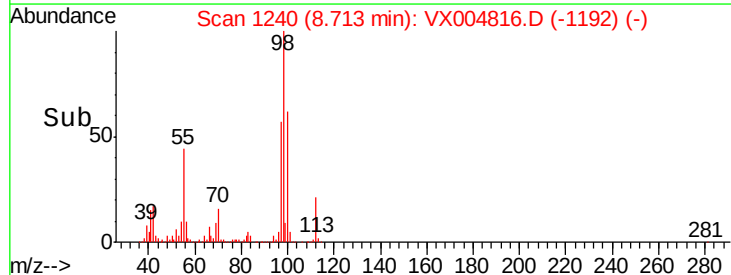
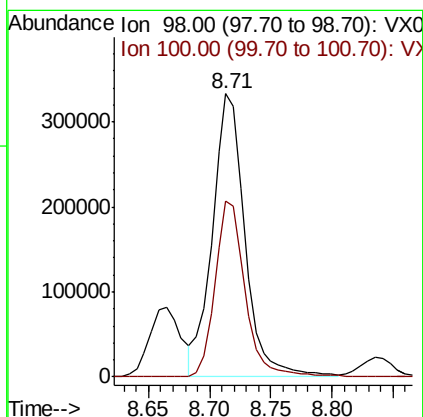
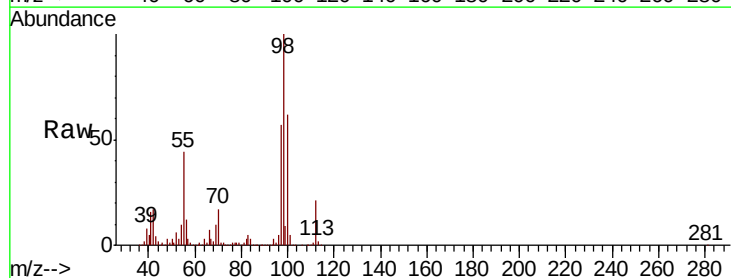
Instrument :
MSVOA_X
ClientSampled :
TP-2-DME

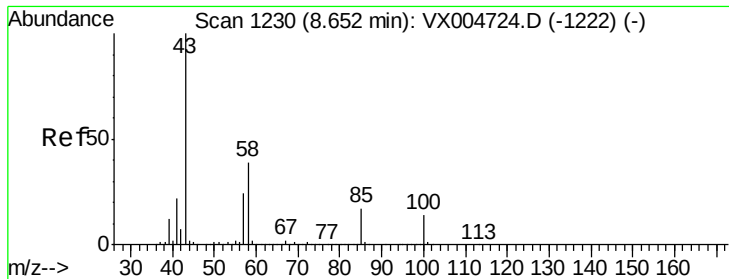
Tot Ion: 41 Resp: 30918
Ion Ratio Lower Upper
41 100
69 72.0 70.2 105.4
39 51.6 42.7 64.1



#50
Toluene-d8
Concen: 61.304 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004816.D
Acq: 28 Sep 2018 13:00

Tgt Ion: 98 Resp: 616999
Ion Ratio Lower Upper
98 100
100 57.8 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 44.235 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VX004816.D

Acq: 28 Sep 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

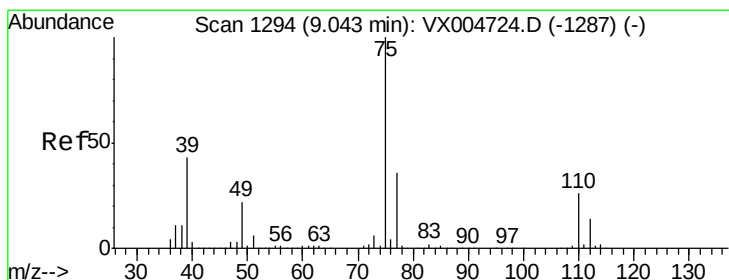
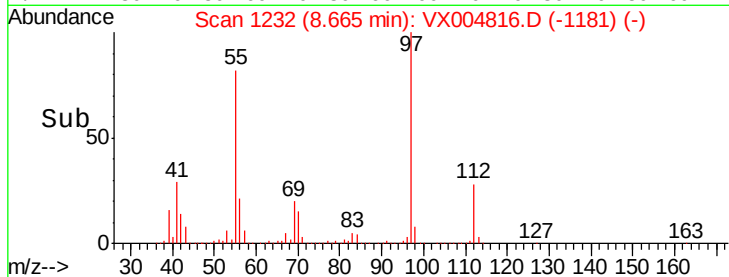
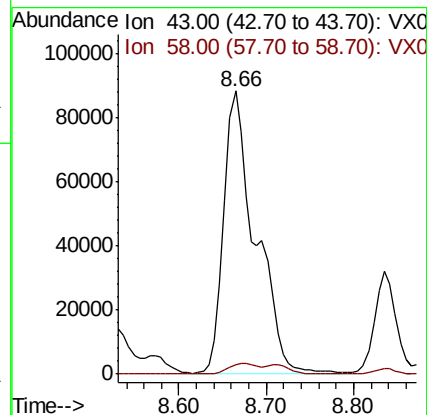
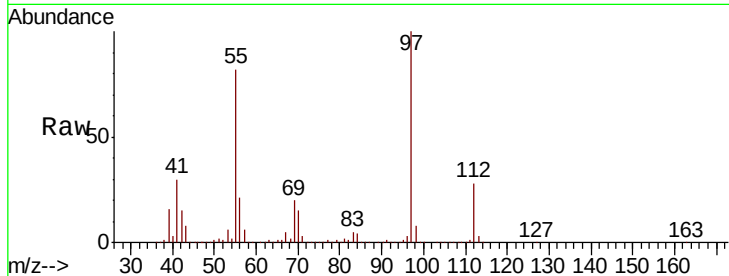
TP-2-DME

Tot Ion: 43 Resp: 220413

Ion Ratio Lower Upper

43 100

58 3.5 33.1 49.7#



#53

t-1,3-Dichloropropene

Concen: 0.282 ug/l

RT: 9.05 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX004816.D

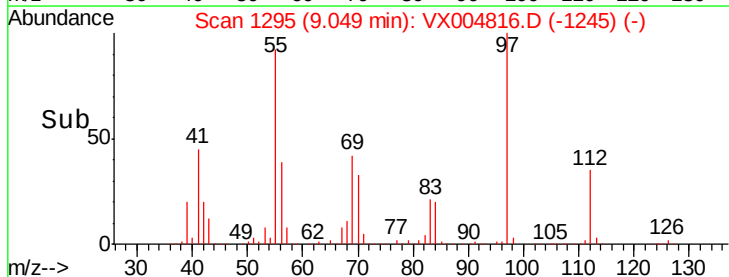
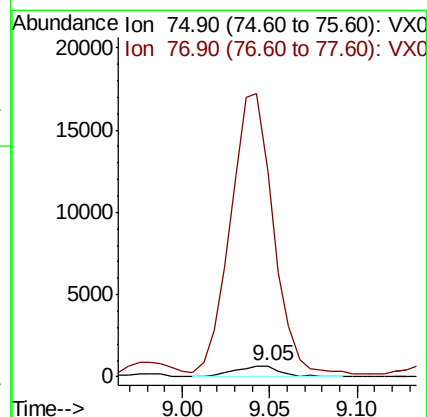
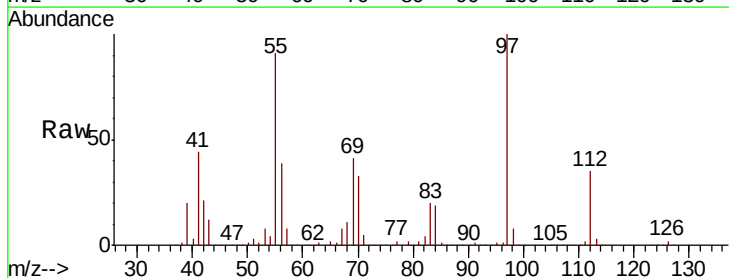
Acq: 28 Sep 2018 13:00

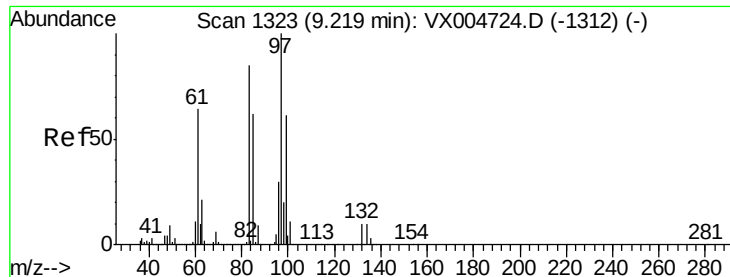
Tgt Ion: 75 Resp: 1190

Ion Ratio Lower Upper

75 100

77 1807.3 24.6 37.0#





#55

1,1,2-Trichloroethane

Concen: 204.535 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX004816.D

Acq: 28 Sep 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

TP-2-DME

Tot Ion: 97 Resp: 636606

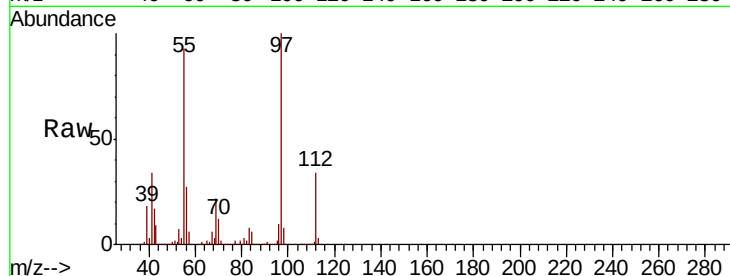
Ion Ratio Lower Upper

97 100

83 8.0 66.4 99.6#

85 0.3 43.3 64.9#

99 0.2 49.0 73.4#



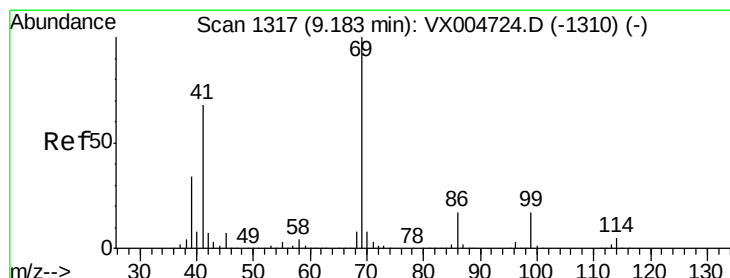
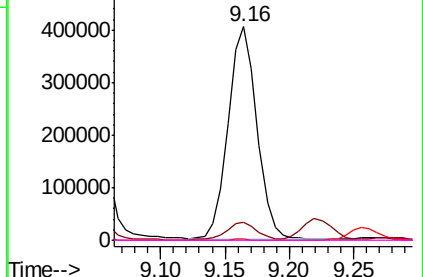
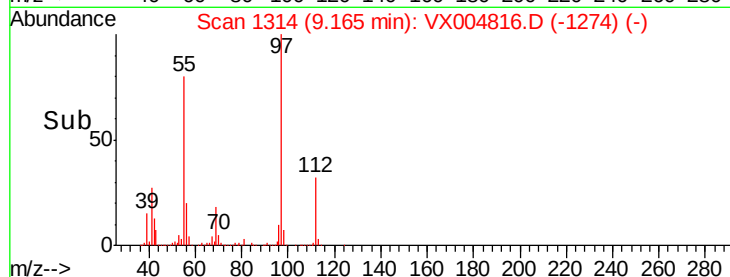
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->



#56

Ethyl methacrylate

Concen: 28.225 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX004816.D

Acq: 28 Sep 2018 13:00

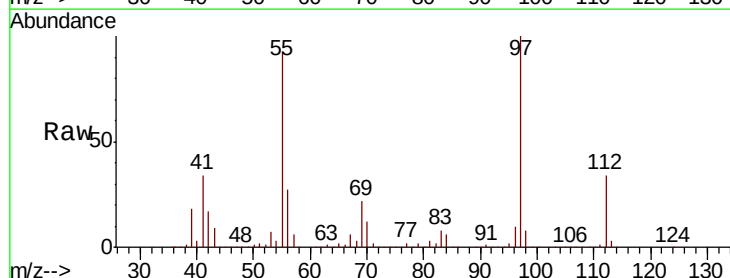
Tgt Ion: 69 Resp: 135875

Ion Ratio Lower Upper

69 100

41 163.1 51.0 76.4#

39 87.6 26.1 39.1#

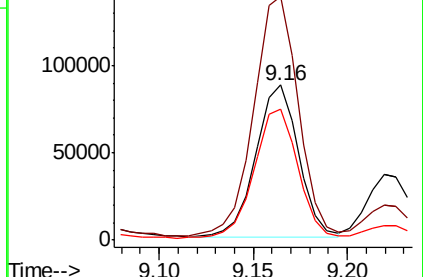
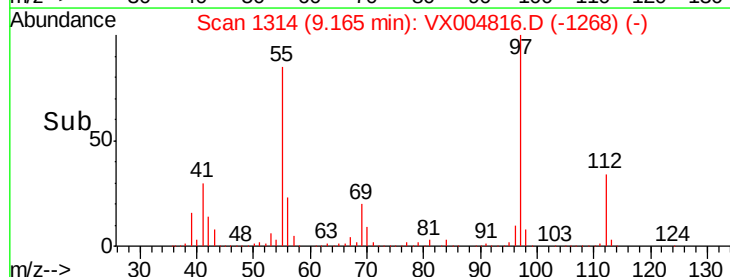


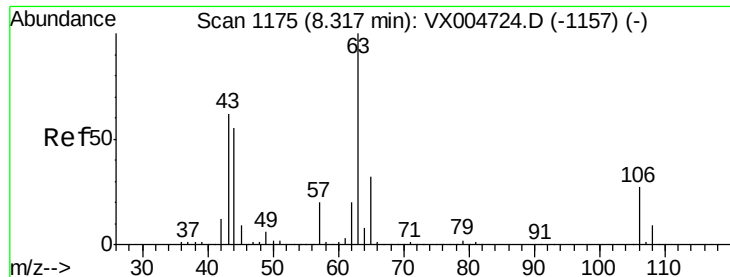
Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

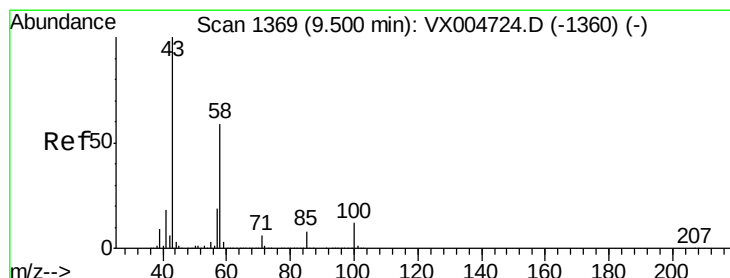
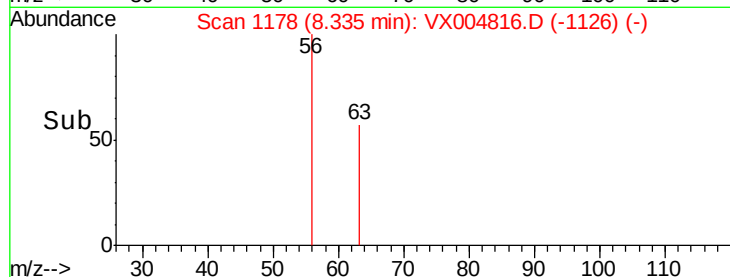
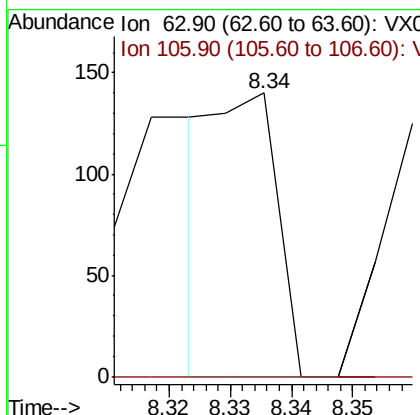
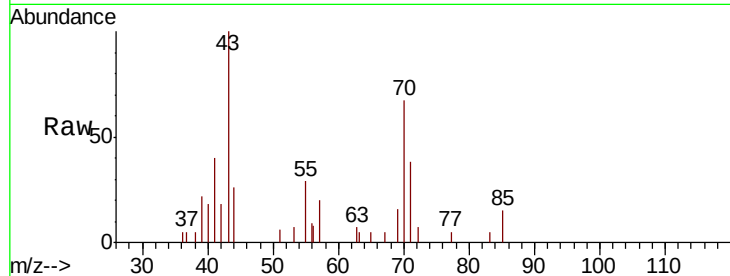




#58
 2-Chloroethyl Vinyl ether
 Concen: 14.277 ug/l
 RT: 8.34 min Scan# 1178
 Delta R.T. 0.02 min
 Lab File: VX004816.D
 Acq: 28 Sep 2018 13:00

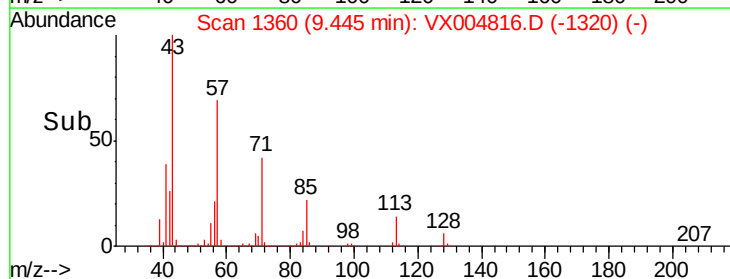
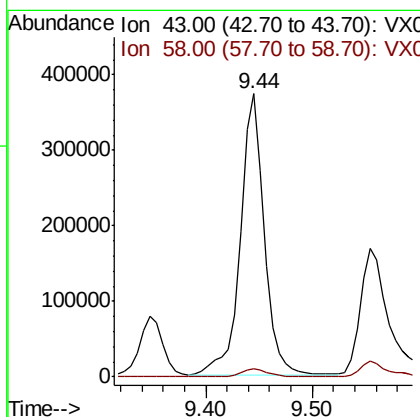
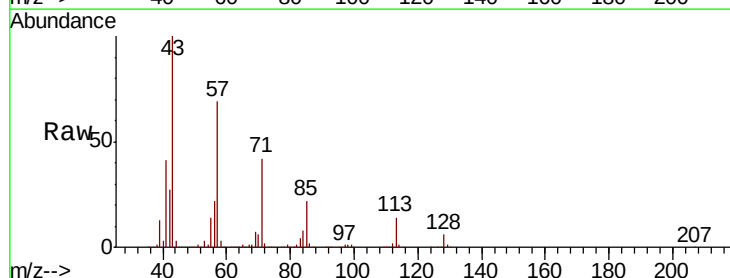
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2-DME

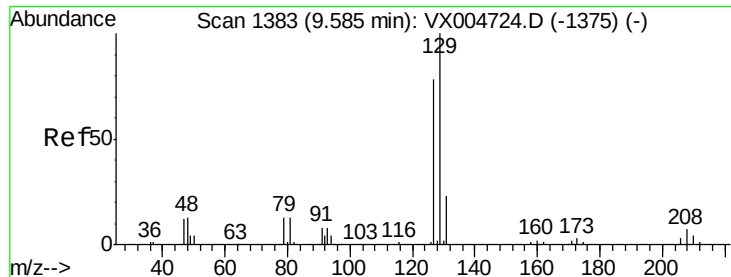
Tot Ion: 63 Resp: 99
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.9 35.9#



#59
 2-Hexanone
 Concen: 140.460 ug/l
 RT: 9.44 min Scan# 1360
 Delta R.T. -0.05 min
 Lab File: VX004816.D
 Acq: 28 Sep 2018 13:00

Tgt Ion: 43 Resp: 583221
 Ion Ratio Lower Upper
 43 100
 58 3.4 29.0 87.0#





#60

Dibromochloromethane

Concen: 0.488 ug/l

RT: 9.55 min Scan# 1378

Delta R.T. -0.03 min

Lab File: VX004816.D

Acq: 28 Sep 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

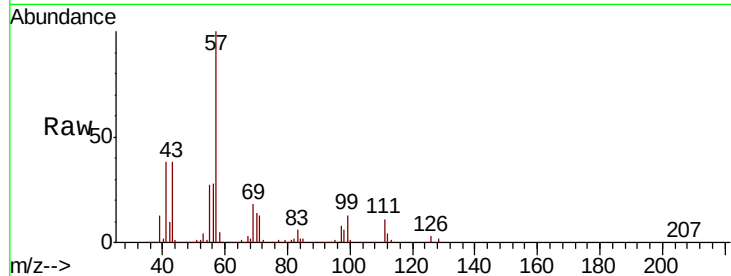
TP-2-DME

Tot Ion:129 Resp: 1518

Ion Ratio Lower Upper

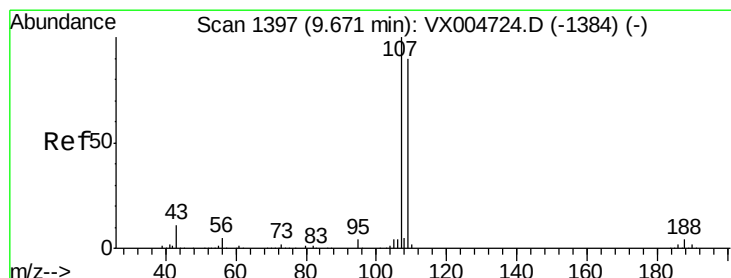
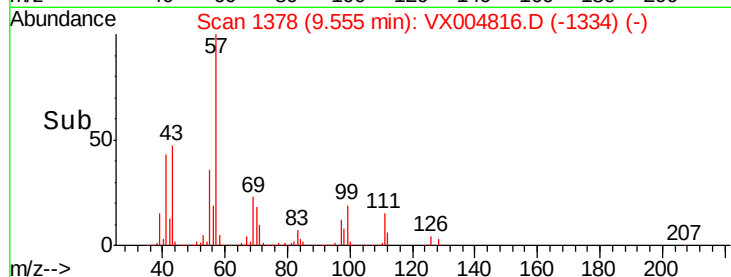
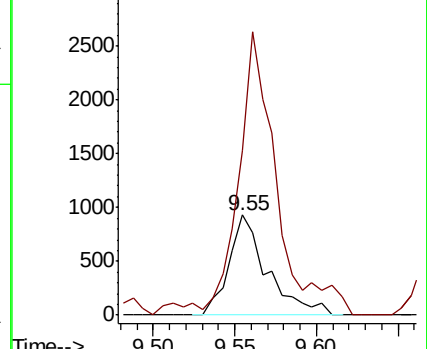
129 100

127 277.9 38.5 115.5#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.239 ug/l

RT: 9.68 min Scan# 1399

Delta R.T. 0.01 min

Lab File: VX004816.D

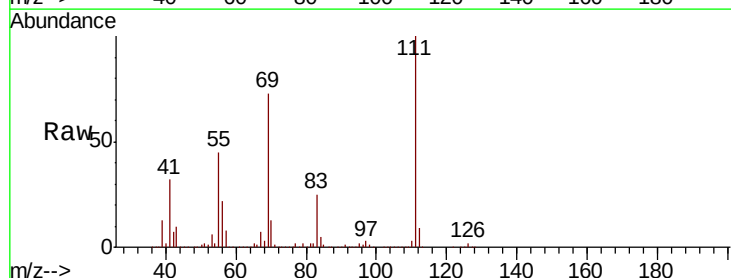
Acq: 28 Sep 2018 13:00

Tgt Ion:107 Resp: 796

Ion Ratio Lower Upper

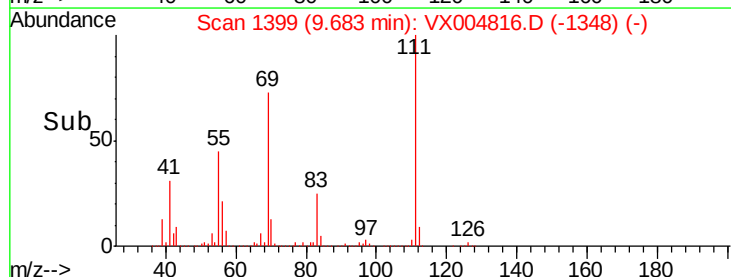
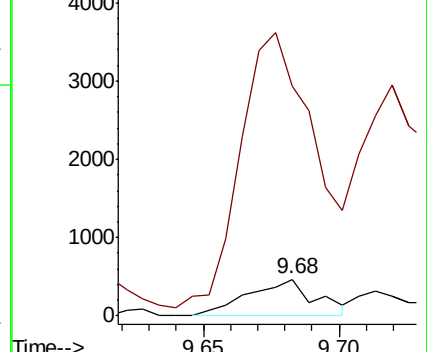
107 100

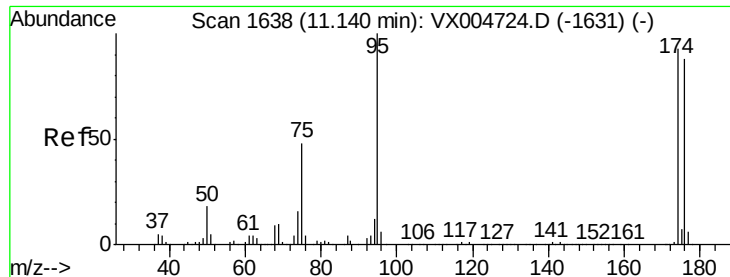
109 840.2 76.0 114.0#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

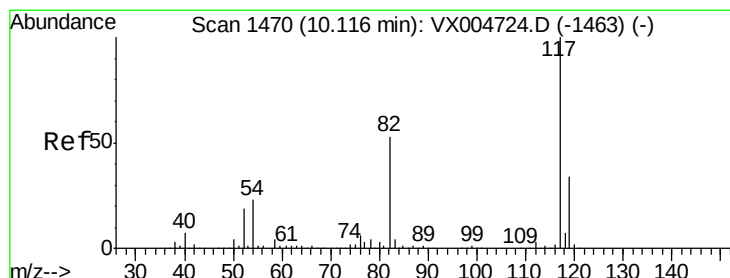
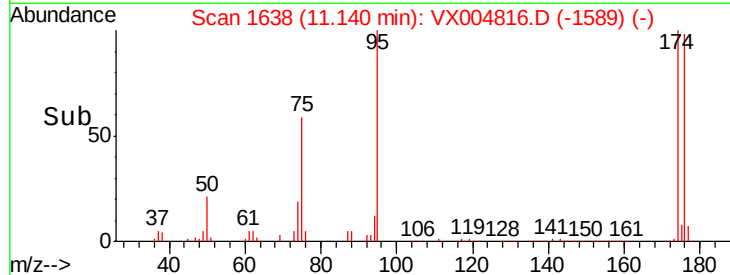
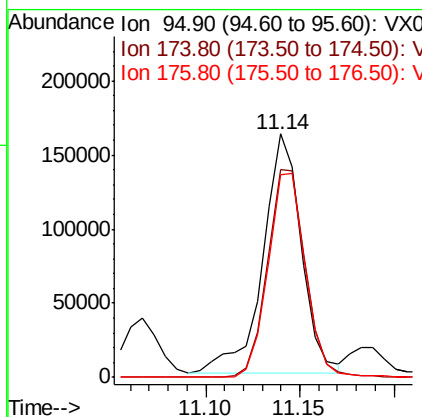
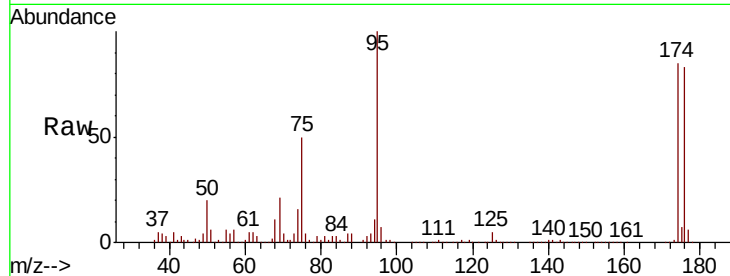




#62
4-Bromofluorobenzene
Concen: 62.721 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004816.D
Acq: 28 Sep 2018 13:00

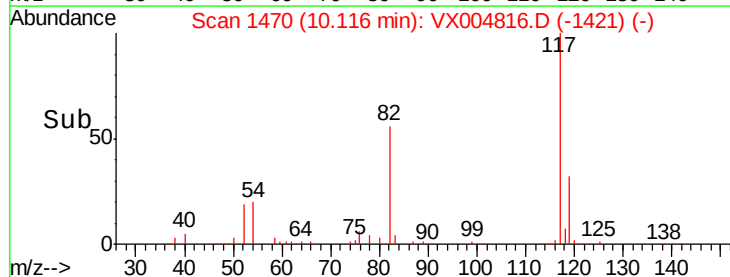
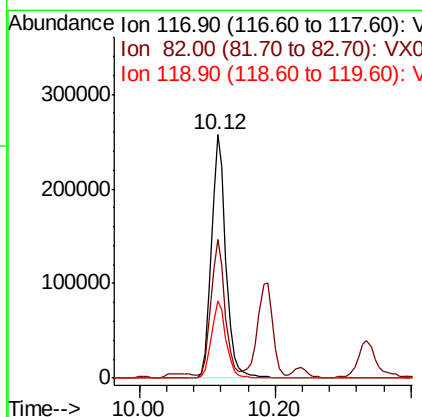
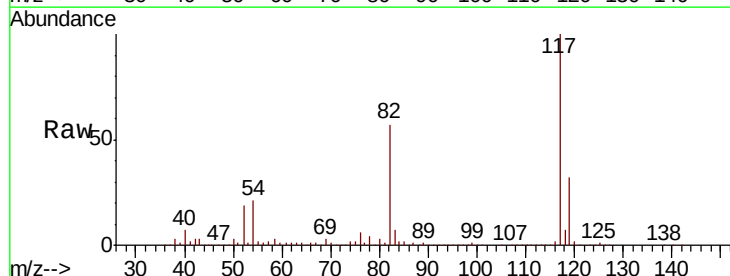
Instrument :
MSVOA_X
ClientSampleId :
TP-2-DME

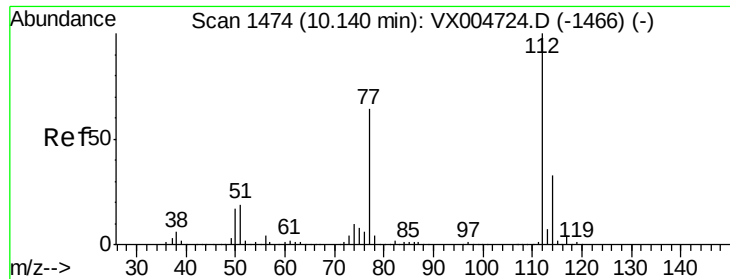
Tot Ion: 95 Resp: 227413
Ion Ratio Lower Upper
95 100
174 86.2 0.0 185.2
176 83.6 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004816.D
Acq: 28 Sep 2018 13:00

Tgt Ion: 117 Resp: 378046
Ion Ratio Lower Upper
117 100
82 56.3 47.8 71.6
119 31.8 29.3 43.9





#65

Chlorobenzene

Concen: 0.957 ug/l

RT: 10.24 min Scan# 1490

Delta R.T. 0.10 min

Lab File: VX004816.D

Acq: 28 Sep 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

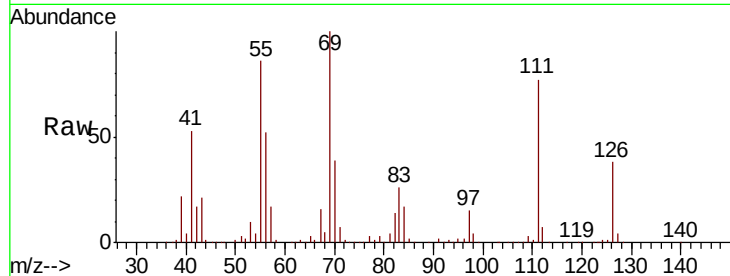
TP-2-DME

Tot Ion:112 Resp: 9275

Ion Ratio Lower Upper

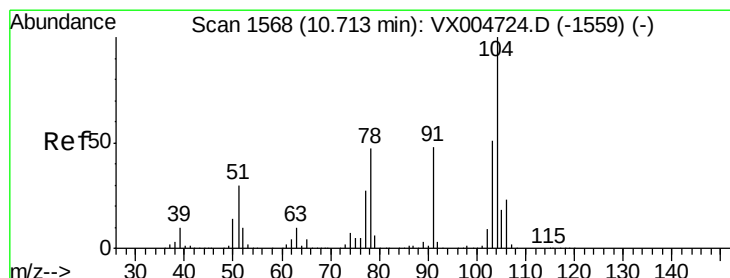
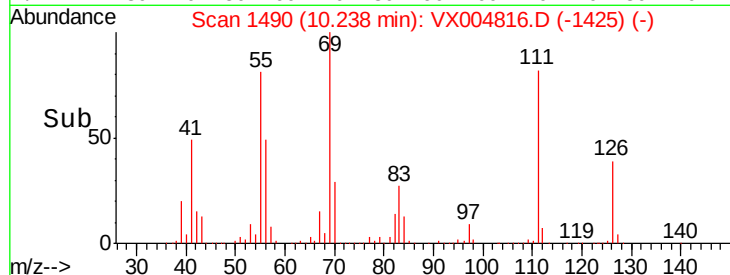
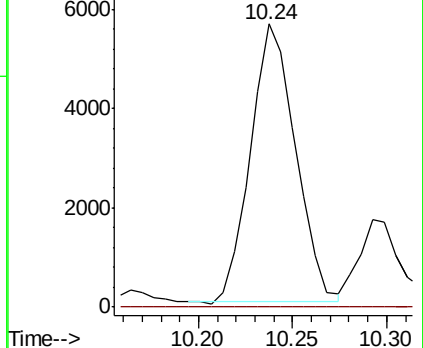
112 100

114 0.0 27.8 41.8#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#70

Styrene

Concen: 2.176 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX004816.D

Acq: 28 Sep 2018 13:00

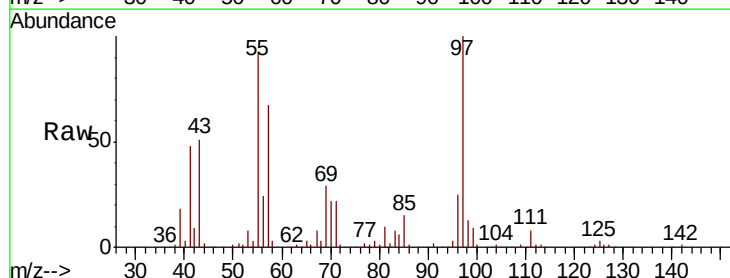
Tgt Ion:104 Resp: 383

Ion Ratio Lower Upper

104 100

78 162.9 37.4 56.0#

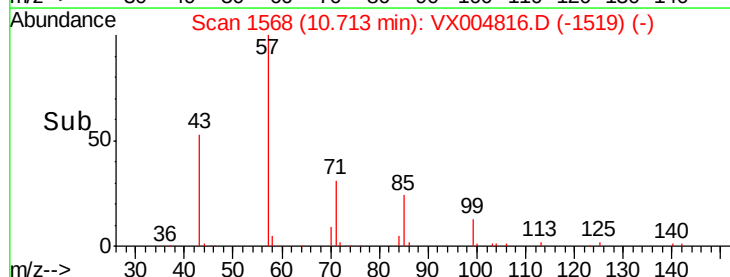
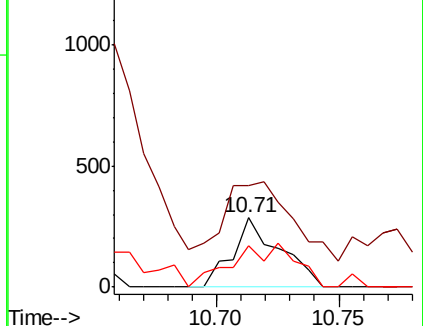
103 83.0 43.8 65.6#

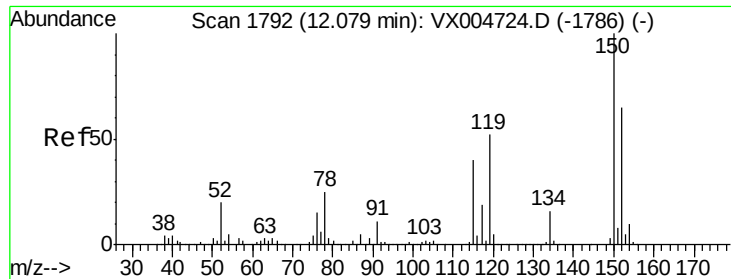


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

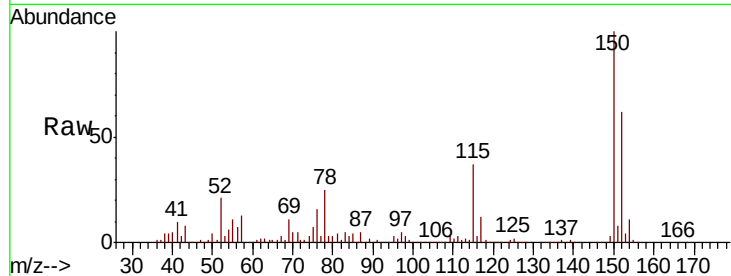




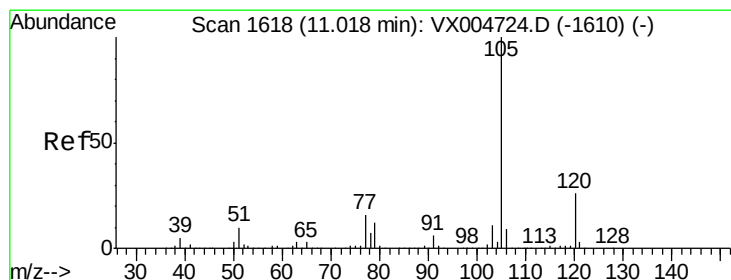
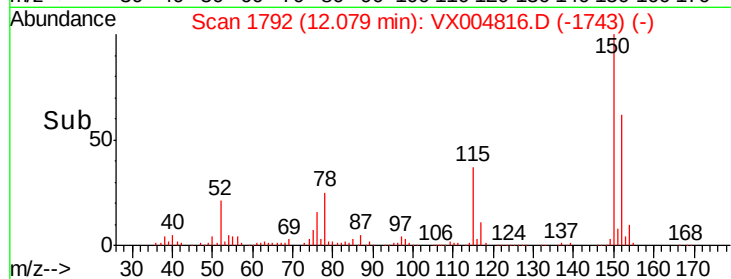
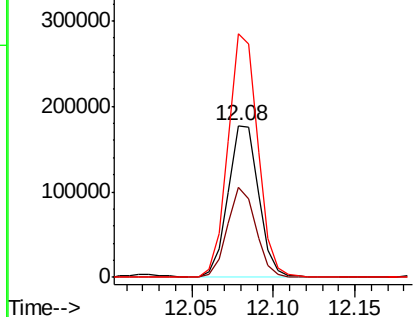
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX004816.D
 Acq: 28 Sep 2018 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2-DME

Tot Ion:152 Resp: 230106
 Ion Ratio Lower Upper
 152 100
 115 55.8 39.0 117.0
 150 156.7 0.0 351.0

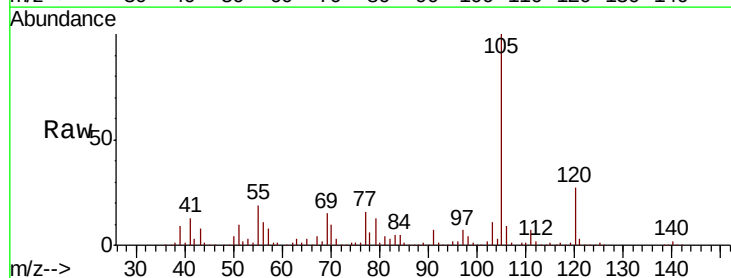


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

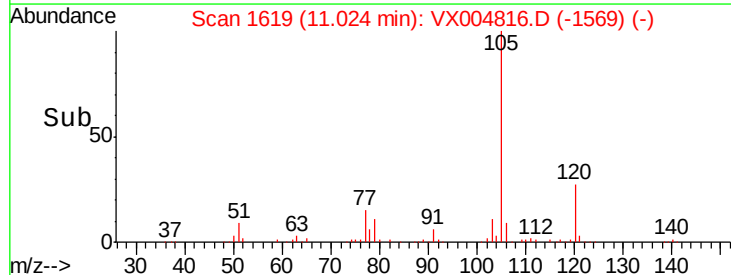
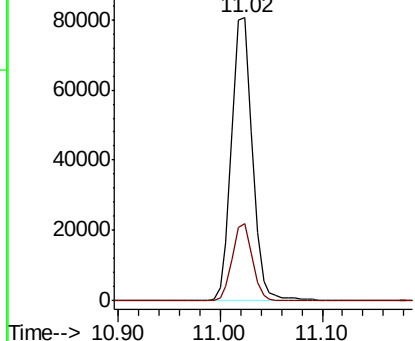


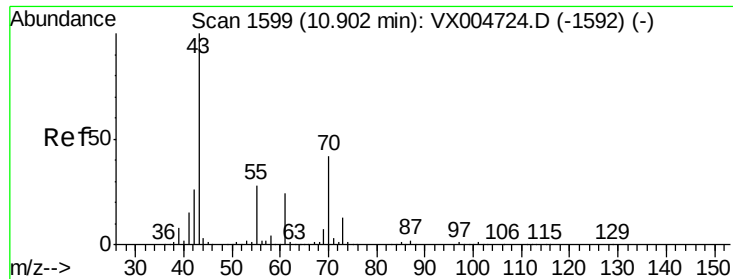
#73
 Isopropylbenzene
 Concen: 7.849 ug/l
 RT: 11.02 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: VX004816.D
 Acq: 28 Sep 2018 13:00

Tgt Ion:105 Resp: 113835
 Ion Ratio Lower Upper
 105 100
 120 26.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 17.880 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX004816.D

Acq: 28 Sep 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

TP-2-DME

Tot Ion: 43 Resp: 133261

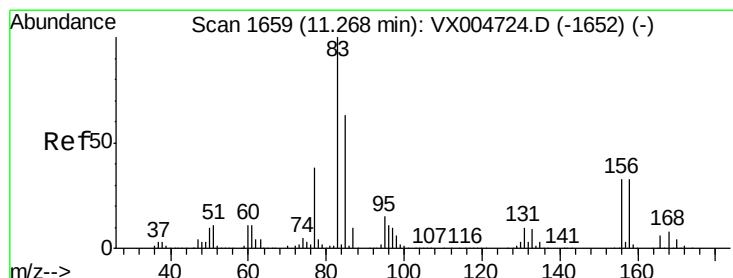
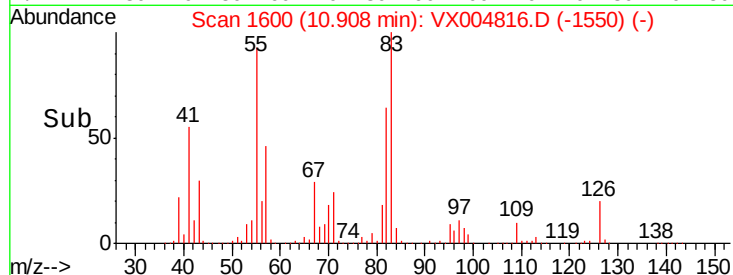
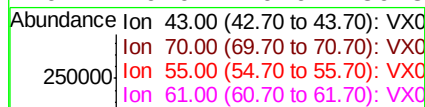
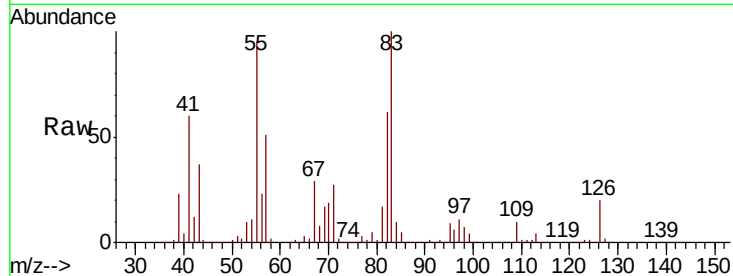
Ion Ratio Lower Upper

43 100

70 60.5 37.4 56.0#

55 302.6 21.8 32.8#

61 0.0 20.6 30.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 12.055 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX004816.D

Acq: 28 Sep 2018 13:00

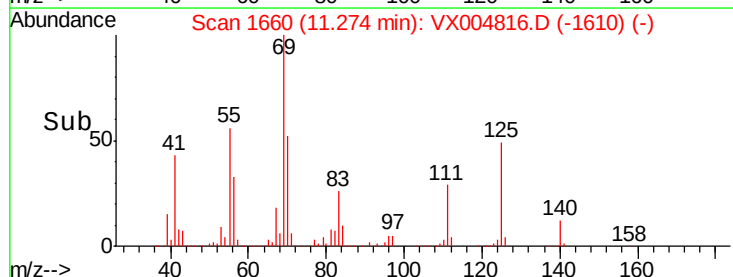
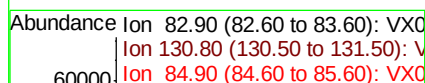
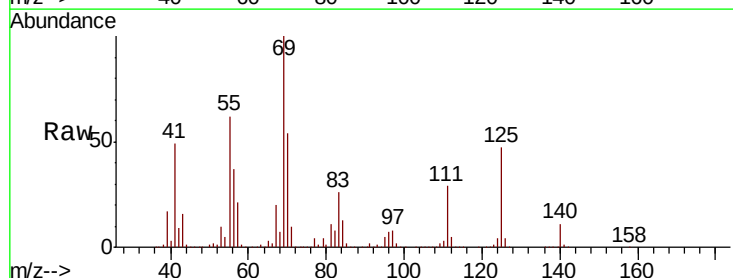
Tgt Ion: 83 Resp: 71171

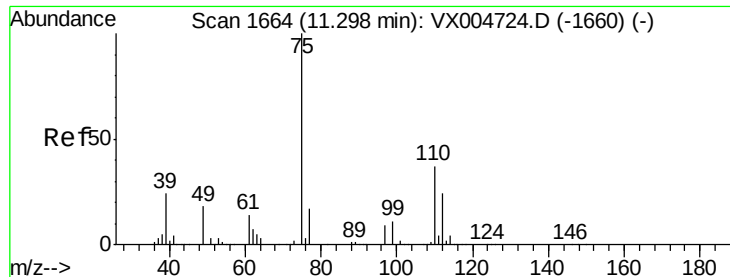
Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.3 96.8#

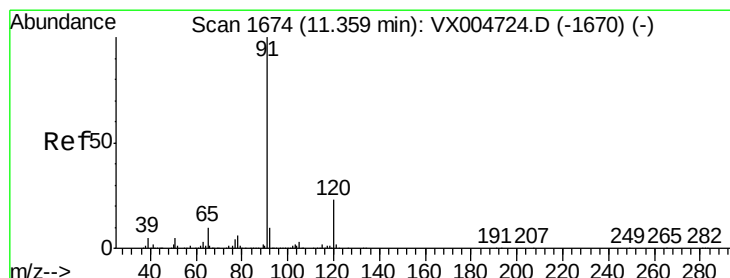
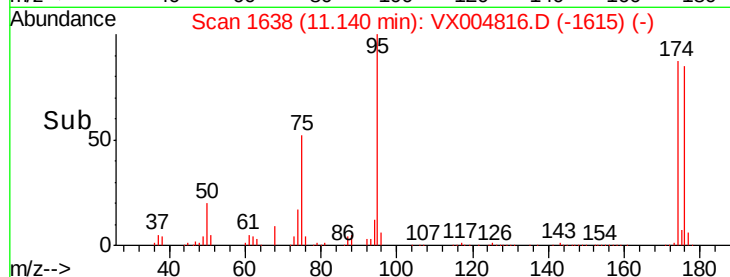
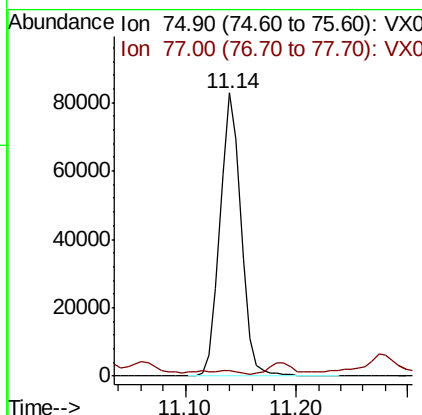
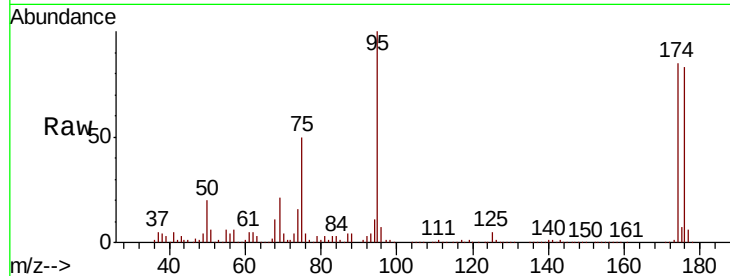




#76
 1,2,3-Trichloropropane
 Concen: 21.110 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX004816.D
 Acq: 28 Sep 2018 13:00

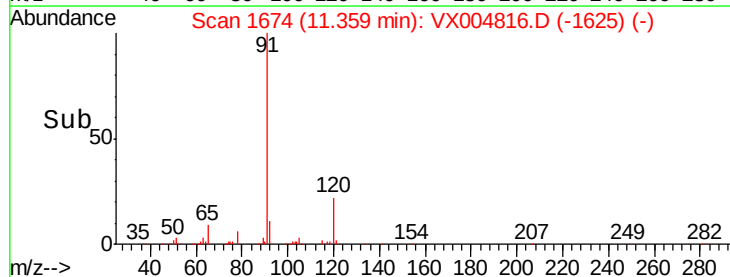
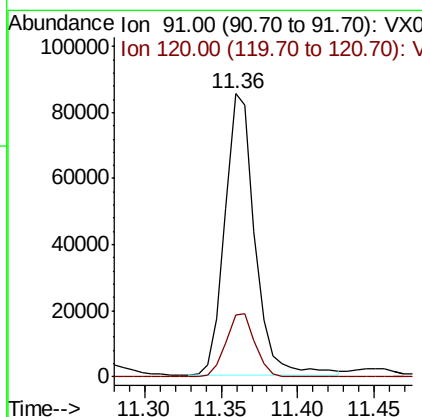
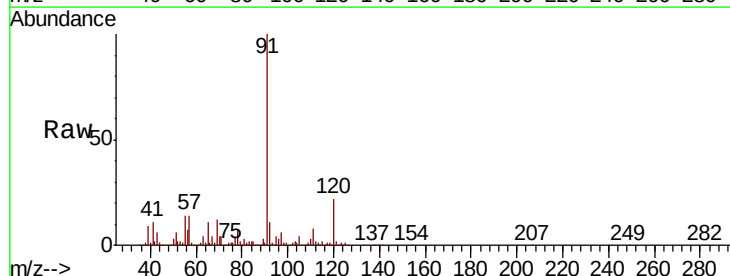
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2-DME

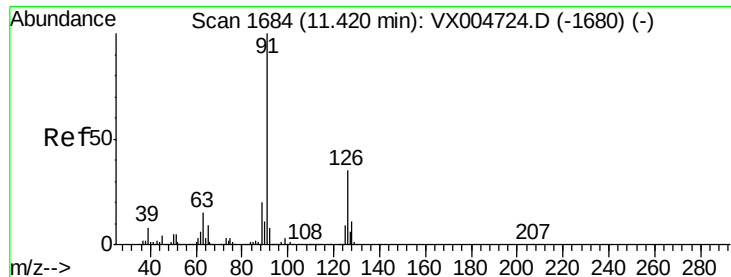
Tot Ion: 75 Resp: 108877
 Ion Ratio Lower Upper
 75 100
 77 0.0 20.2 60.6#



#78
 n-propylbenzene
 Concen: 6.963 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX004816.D
 Acq: 28 Sep 2018 13:00

Tgt Ion: 91 Resp: 115870
 Ion Ratio Lower Upper
 91 100
 120 22.3 11.9 35.9





#79

2-Chlorotoluene

Concen: 11.170 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX004816.D

Acq: 28 Sep 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

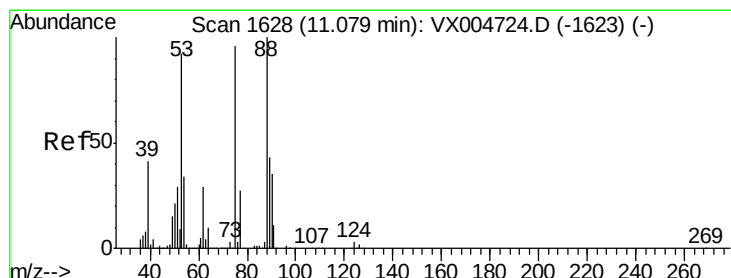
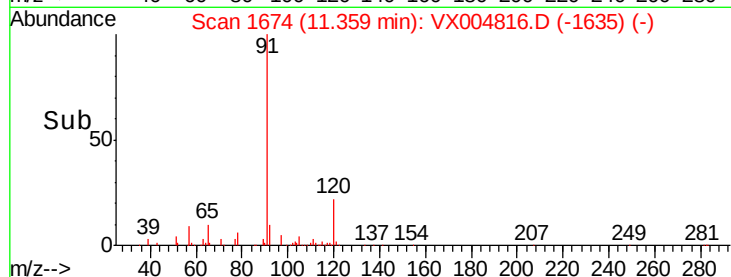
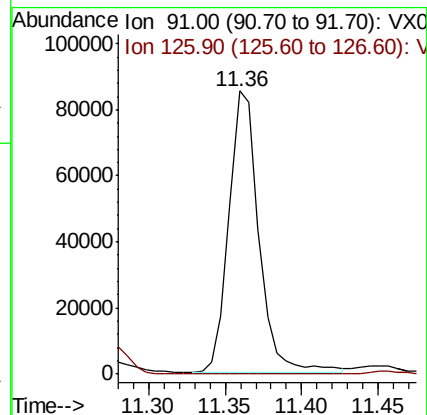
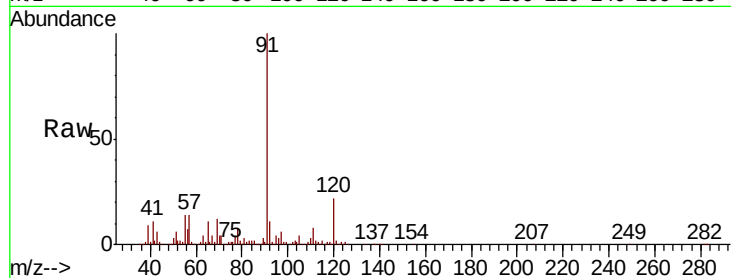
TP-2-DME

Tot Ion: 91 Resp: 115870

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 57.275 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004816.D

Acq: 28 Sep 2018 13:00

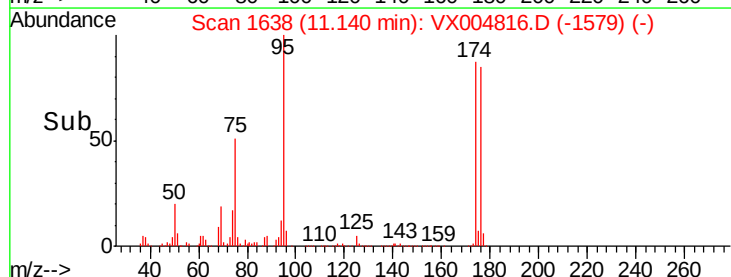
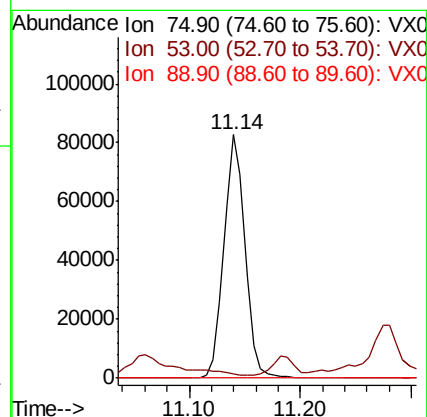
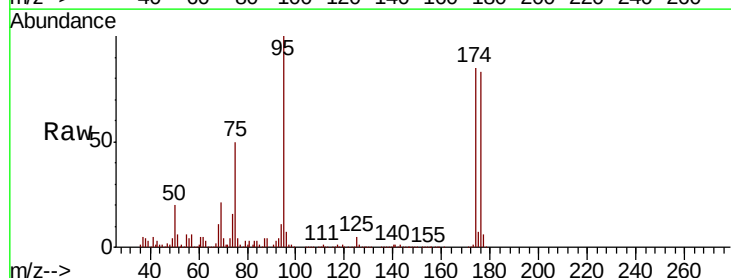
Tgt Ion: 75 Resp: 108877

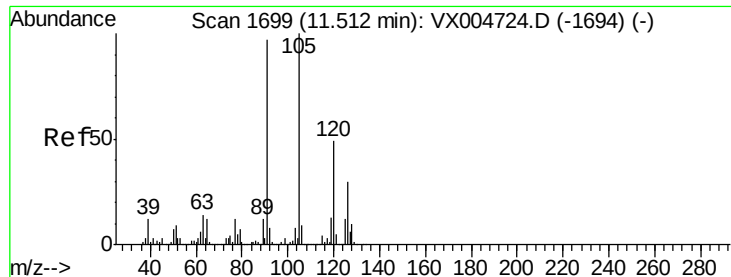
Ion Ratio Lower Upper

75 100

53 0.0 80.1 120.1#

89 0.0 37.2 55.8#





#82

4-Chlorotoluene

Concen: 9.490 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX004816.D

Acq: 28 Sep 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

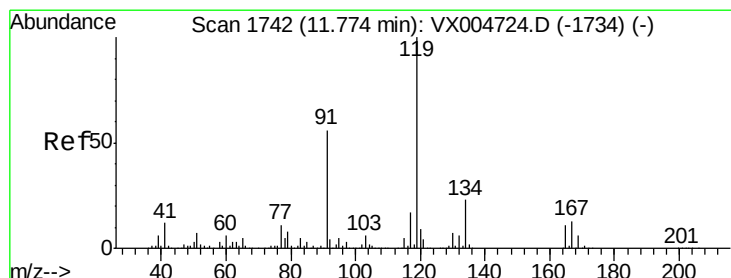
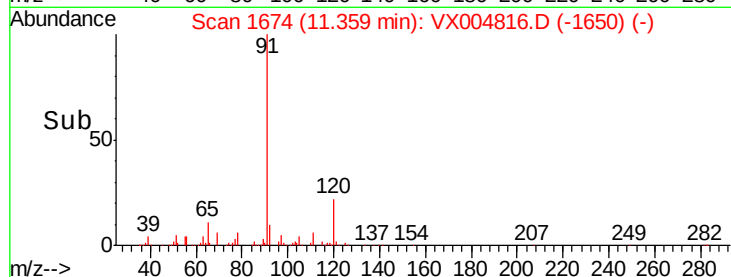
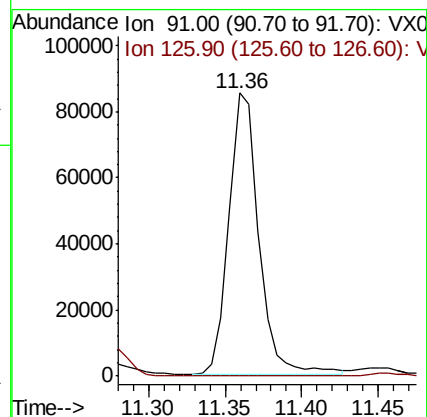
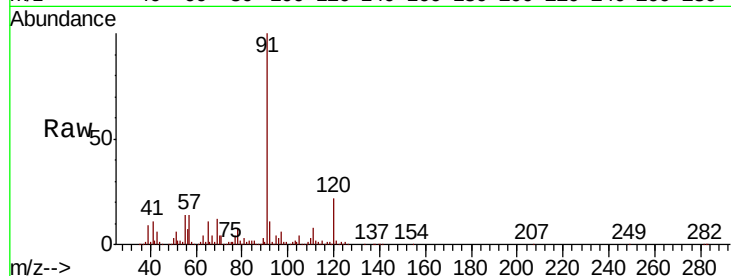
TP-2-DME

Tot Ion: 91 Resp: 115870

Ion Ratio Lower Upper

91 100

126 0.0 15.5 46.5#



#83

tert-Butylbenzene

Concen: 0.906 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX004816.D

Acq: 28 Sep 2018 13:00

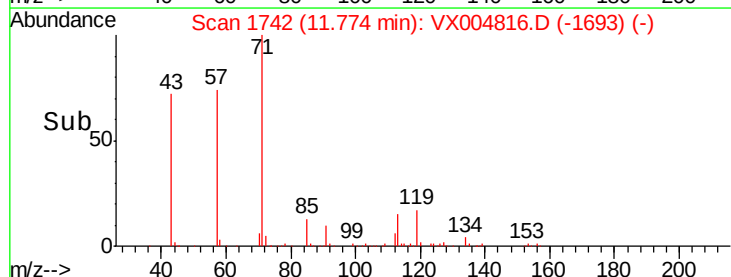
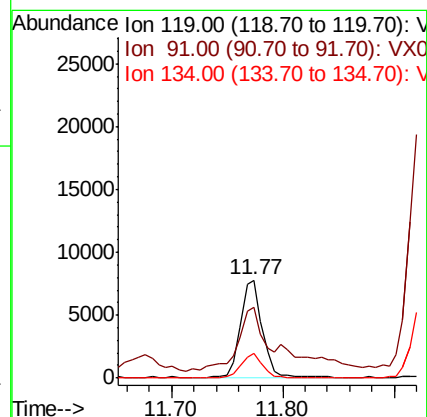
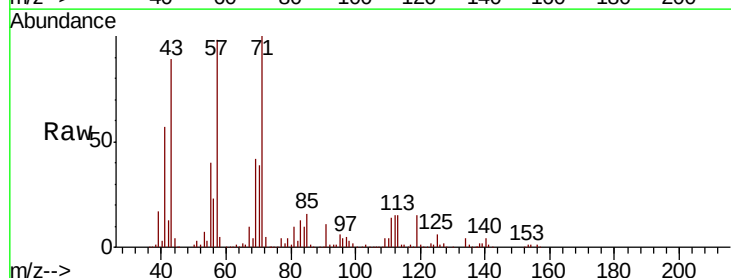
Tgt Ion: 119 Resp: 10816

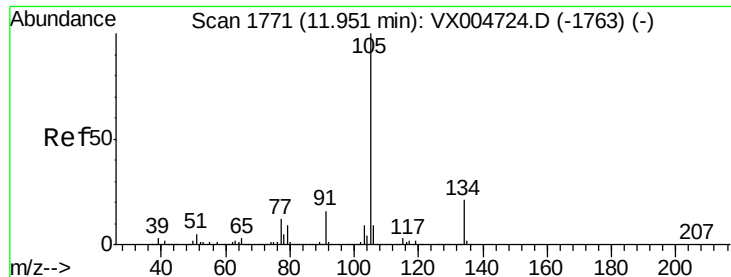
Ion Ratio Lower Upper

119 100

91 75.7 27.0 81.0

134 23.8 11.7 35.1

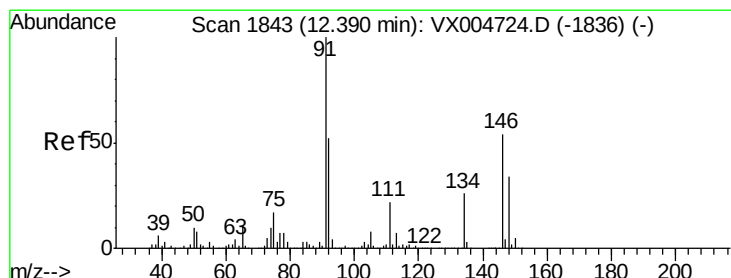
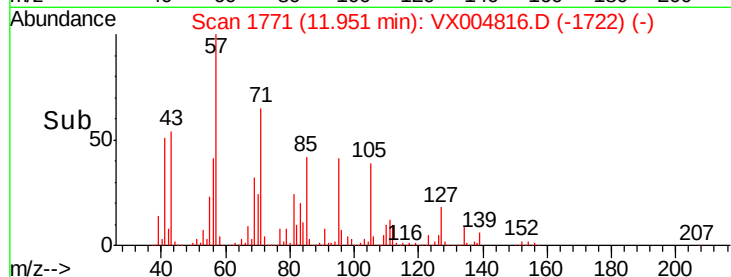
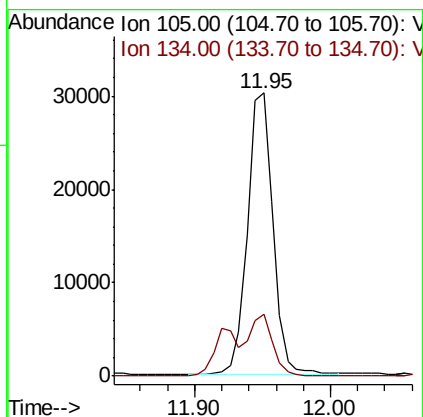
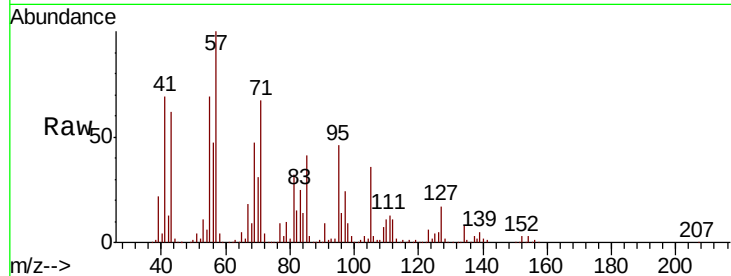




#85
 sec-Butylbenzene
 Concen: 2.747 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: VX004816.D
 Acq: 28 Sep 2018 13:00

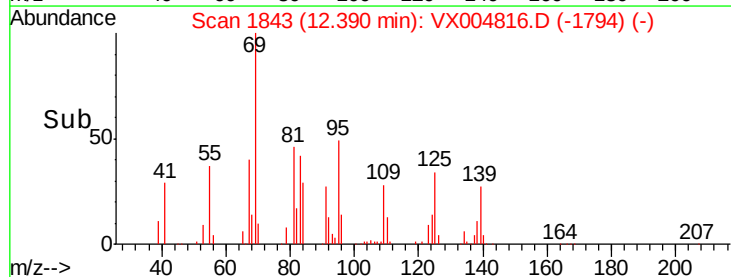
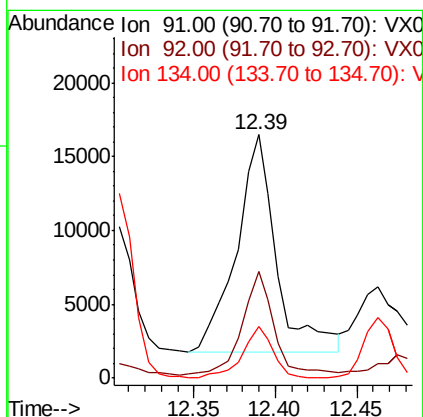
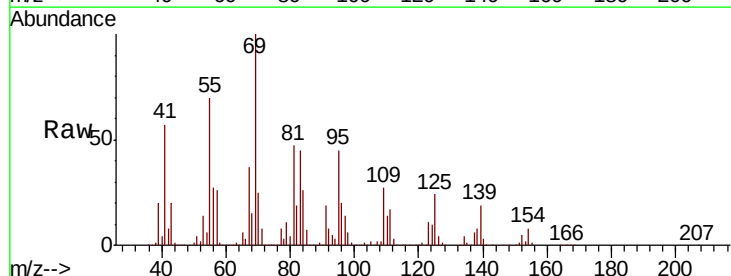
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2-DME

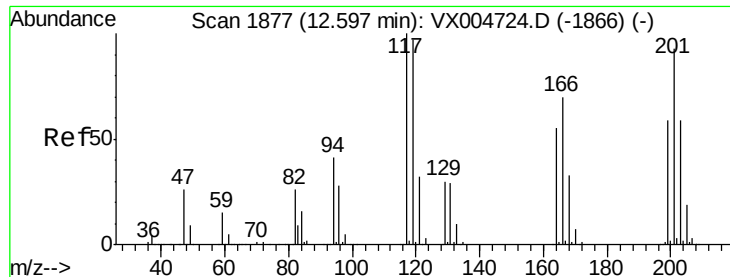
Tot Ion:105 Resp: 39961
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.5 31.5



#89
 n-Butylbenzene
 Concen: 2.101 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX004816.D
 Acq: 28 Sep 2018 13:00

Tgt Ion: 91 Resp: 25147
 Ion Ratio Lower Upper
 91 100
 92 36.9 27.3 81.9
 134 18.0 13.6 40.7





#90

Hexachloroethane

Concen: 10.320 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX004816.D

Acq: 28 Sep 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

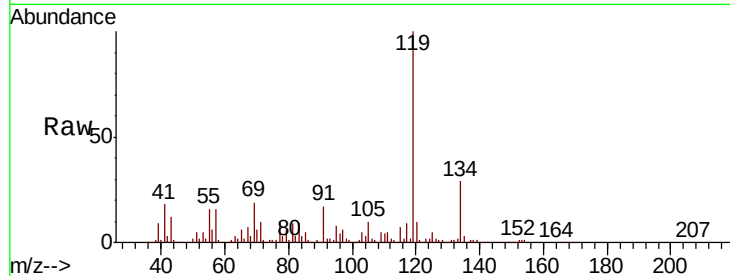
TP-2-DME

Tot Ion:117 Resp: 22643

Ion Ratio Lower Upper

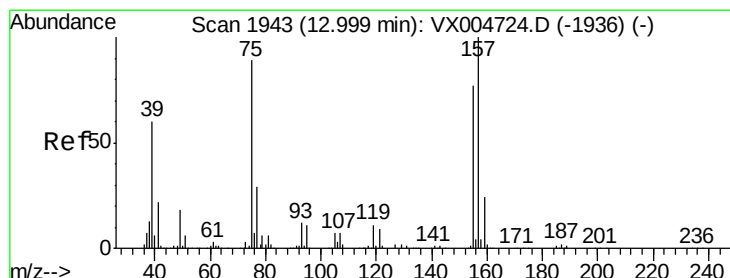
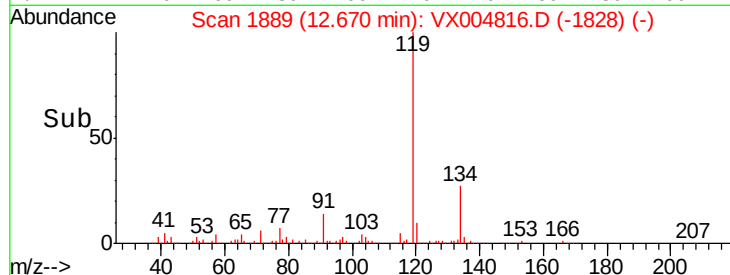
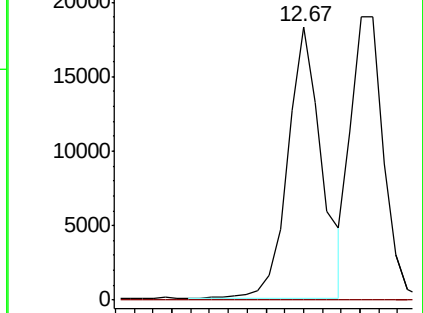
117 100

201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.828 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX004816.D

Acq: 28 Sep 2018 13:00

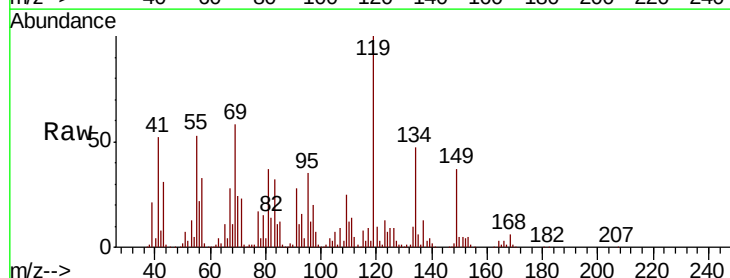
Tgt Ion: 75 Resp: 2370

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

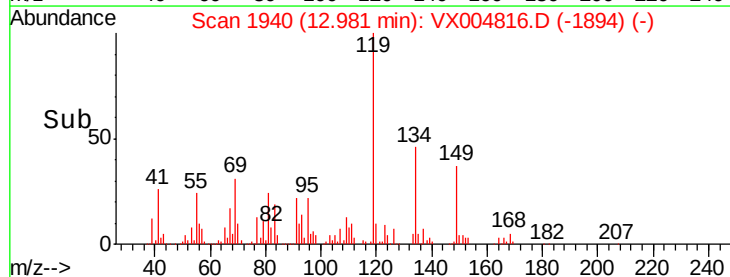
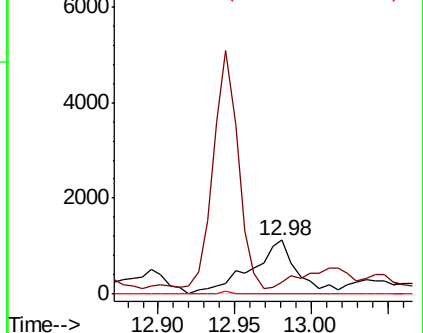
157 0.0 61.4 184.1#

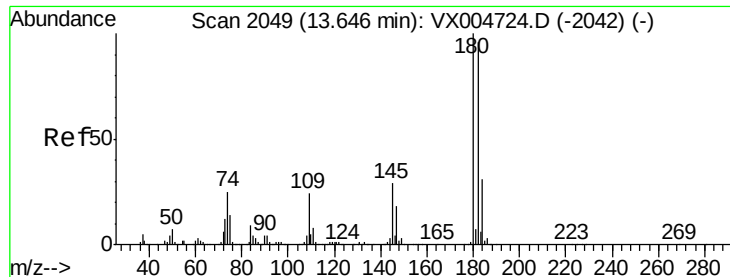


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

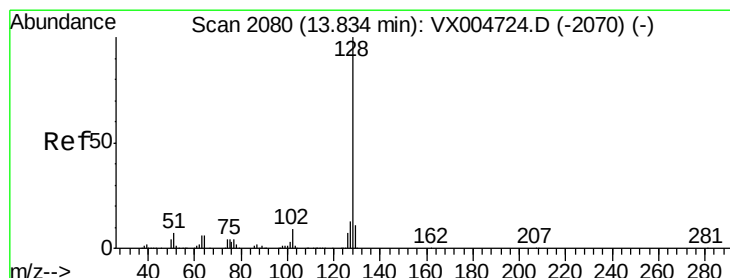
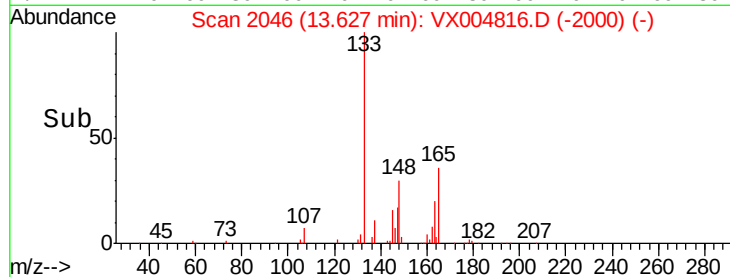
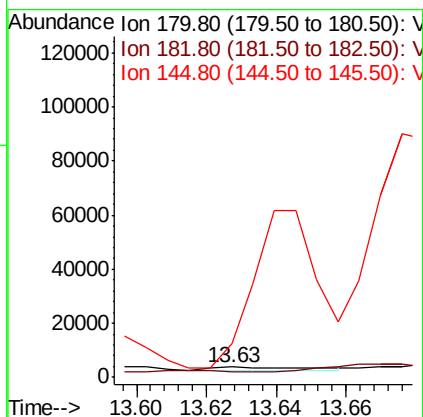
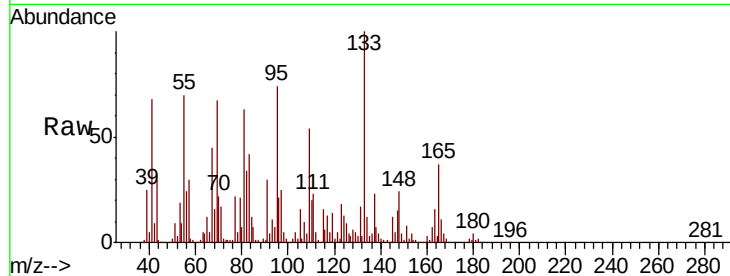




#93
 1,2,4-Trichlorobenzene
 Concen: 0.410 ug/l
 RT: 13.63 min Scan# 2046
 Delta R.T. -0.02 min
 Lab File: VX004816.D
 Acq: 28 Sep 2018 13:00

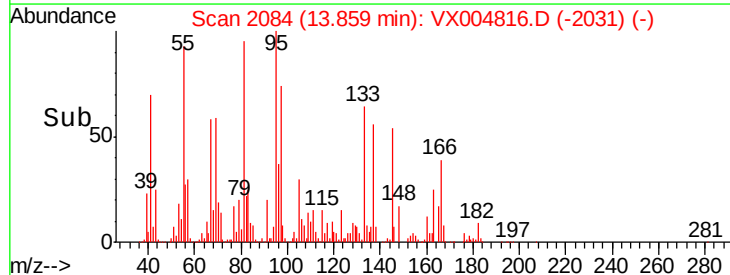
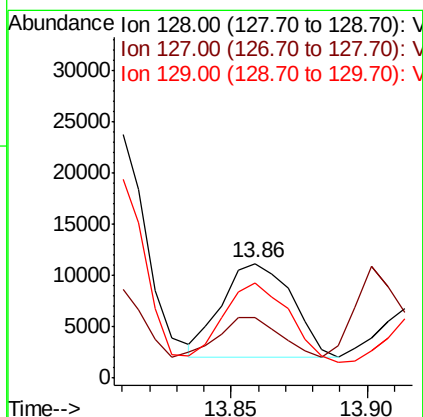
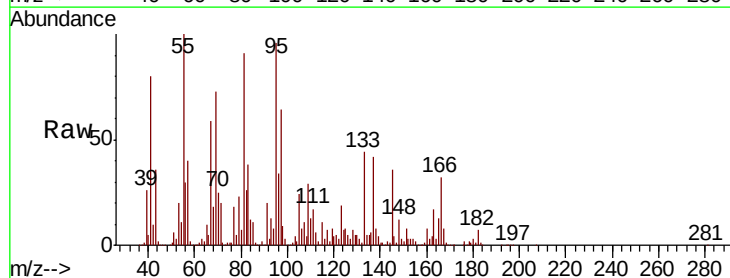
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2-DME

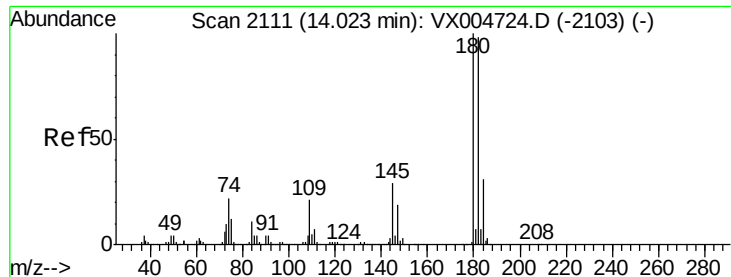
Tot Ion:180 Resp: 2363
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.4 145.0#
 145 3202.2 14.3 42.9#



#95
 Naphthalene
 Concen: 1.551 ug/l
 RT: 13.86 min Scan# 2084
 Delta R.T. 0.02 min
 Lab File: VX004816.D
 Acq: 28 Sep 2018 13:00

Tgt Ion:128 Resp: 16154
 Ion Ratio Lower Upper
 128 100
 127 38.7 10.2 15.2#
 129 79.5 8.6 12.8#





#96

1,2,3-Trichlorobenzene

Concen: 2.385 ug/l

RT: 14.04 min Scan# 2113

Delta R.T. 0.01 min

Lab File: VX004816.D

Acq: 28 Sep 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

TP-2-DME

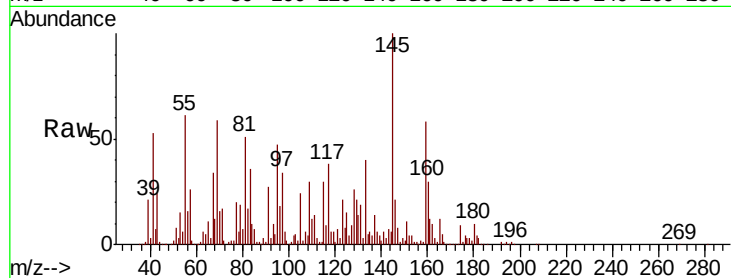
Tot Ion:180 Resp: 14206

Ion Ratio Lower Upper

180 100

182 33.9 48.5 145.6#

145 1008.2 14.9 44.9#



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

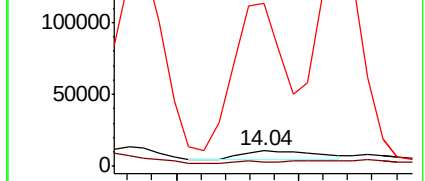
200000

150000

100000

50000

0



Time-->

