

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\
 Data File : VX006047.D
 Acq On : 16 Nov 2018 14:02
 Operator : JC/MD
 Sample : J5934-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0145

Quant Time: Nov 17 00:42:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	144708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	202752	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	198724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	106638	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	78256	47.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.08%	
35) Dibromofluoromethane	5.51	113	64059	46.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.90%	
50) Toluene-d8	8.72	98	226642	49.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.13	95	95632	58.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	116.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	7223	4.218	ug/l #	54
4) Vinyl Chloride	1.41	62	3861	2.246	ug/l #	1
6) Chloroethane	1.88	64	1305	1.272	ug/l #	42
11) Tert butyl alcohol	3.07	59	2328	4.885	ug/l	99
13) Acrolein	2.37	56	20	19.245	ug/l #	14
16) Acetone	2.45	43	4989	5.570	ug/l	98
17) Carbon Disulfide	2.57	76	3344	0.876	ug/l #	93
18) Methyl Acetate	2.78	43	388	Below Cal	#	55
19) Methyl tert-butyl Ether	3.20	73	1396	0.320	ug/l #	43
21) trans-1,2-Dichloroethene	3.17	96	6198	4.594	ug/l	92
25) 2-Butanone	4.70	43	617	0.438	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	2043	1.371	ug/l	97
29) Tetrahydrofuran	5.16	42	4819	5.330	ug/l	98
31) Cyclohexane	5.58	56	20254	8.739	ug/l	93
36) 1,1-Dichloropropene	5.67	75	9544	4.883	ug/l #	49
37) Ethyl Acetate	4.70	43	617	0.240	ug/l #	69
38) Carbon Tetrachloride	5.66	117	12378	6.326	ug/l #	15
39) Methylcyclohexane	7.46	83	6972	3.519	ug/l	93
40) Benzene	6.14	78	743219	130.434	ug/l	98
41) Methacrylonitrile	5.16	41	2774	1.997	ug/l #	50
42) 1,2-Dichloroethane	6.15	62	6020	2.950	ug/l #	75
44) Trichloroethene	7.22	130	597	0.413	ug/l	83
48) Methyl methacrylate	7.74	41	392	0.234	ug/l #	70
51) 4-Methyl-2-Pentanone	8.65	43	2541	1.083	ug/l	100
52) Toluene	8.79	92	1050	0.330	ug/l	94
59) 2-Hexanone	9.52	43	433	0.209	ug/l	88
65) Chlorobenzene	10.15	112	5614765	1410.364	ug/l	91
67) Ethyl Benzene	10.25	91	443106	69.412	ug/l	99
68) m/p-Xylenes	10.36	106	10452	4.292	ug/l	99
69) o-Xylene	10.69	106	7951	3.641	ug/l	96
73) Isopropylbenzene	11.02	105	53174	8.623	ug/l	95
74) N-amyl acetate	10.95	43	4192	2.432	ug/l #	52
76) 1,2,3-Trichloropropane	11.14	75	43514	20.040	ug/l #	37
78) n-propylbenzene	11.36	91	54063	7.439	ug/l	99

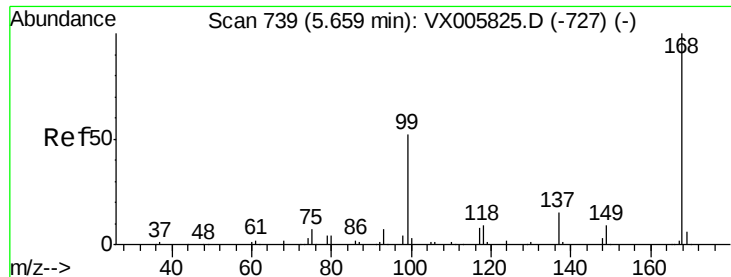
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\
 Data File : VX006047.D
 Acq On : 16 Nov 2018 14:02
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Quant Time: Nov 17 00:42:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	11.42	91	6287	1.431	uq/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	12371	2.361	uq/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	43514	63.870	uq/l #	9
82) 4-Chlorotoluene	11.42	91	6287	1.214	uq/l	97
83) tert-Butylbenzene	11.77	119	3110	0.587	uq/l	80
84) 1,2,4-Trimethylbenzene	11.81	105	88377	15.198	uq/l	98
85) sec-Butylbenzene	11.94	105	13137	2.026	uq/l	86
86) p-Isopropyltoluene	12.02	119	8053	1.402	uq/l	92
87) 1,3-Dichlorobenzene	12.02	146	24443	7.327	uq/l	97
88) 1,4-Dichlorobenzene	12.10	146	78690	23.044	uq/l	98
89) n-Butylbenzene	12.38	91	2396	0.450	uq/l #	32
90) Hexachloroethane	12.70	117	9087	9.478	uq/l #	2
91) 1,2-Dichlorobenzene	12.39	146	3923	1.174	uq/l	96
92) 1,2-Dibromo-3-Chloropropan	12.90	75	147	0.266	uq/l #	1
95) Naphthalene	13.83	128	114832	15.793	uq/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006047.D

Acq: 16 Nov 2018 14:02

Instrument :

MSVOA_X

ClientSampled :

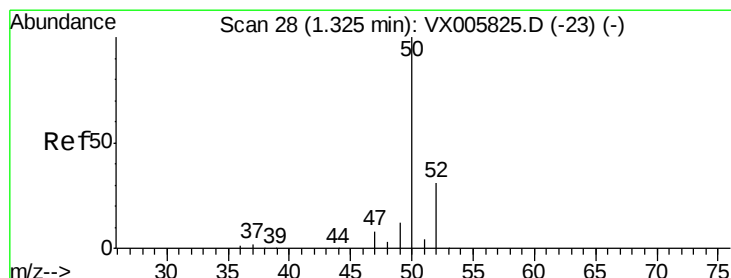
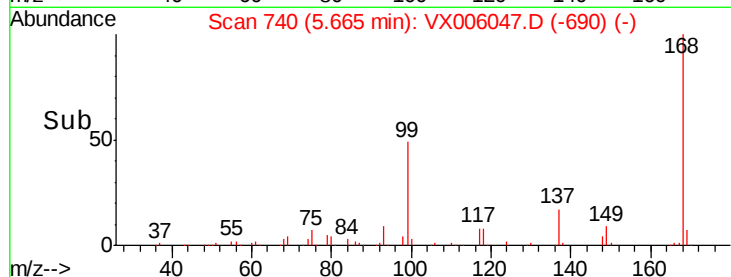
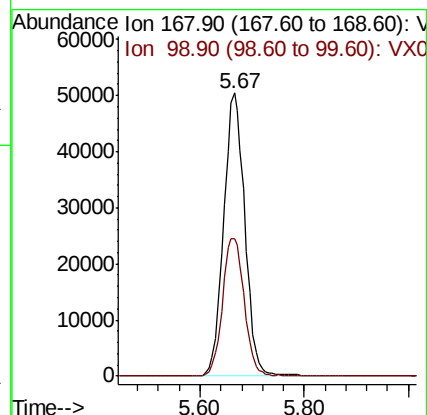
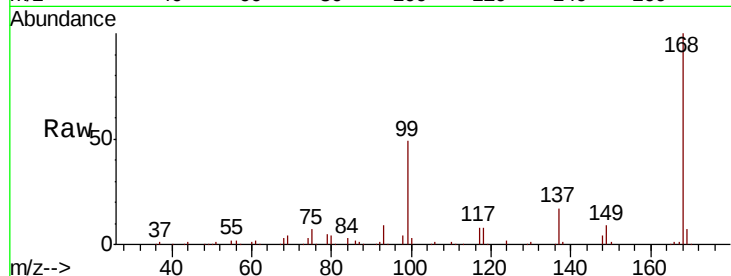
S36-0145

Tot Ion:168 Resp: 144708

Ion Ratio Lower Upper

168 100

99 48.7 40.7 61.1



#3

Chloromethane

Concen: 4.218 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006047.D

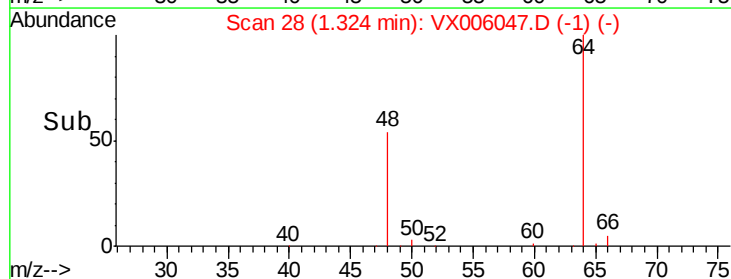
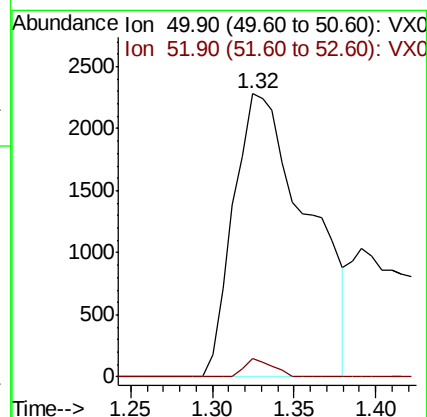
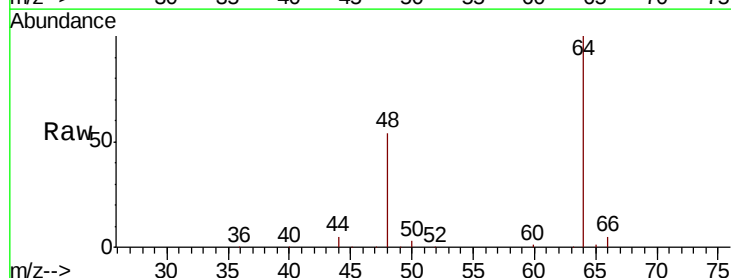
Acq: 16 Nov 2018 14:02

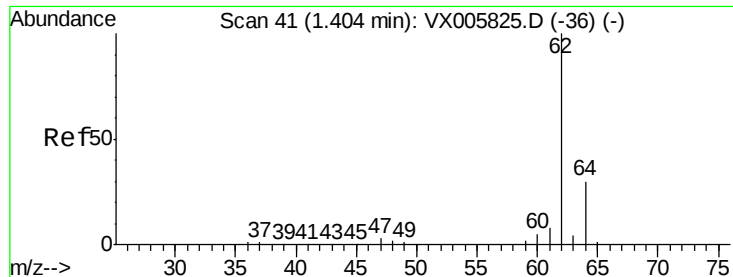
Tgt Ion: 50 Resp: 7223

Ion Ratio Lower Upper

50 100

52 6.7 26.2 39.2#





#4

Vinyl Chloride

Concen: 2.246 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX006047.D

Acq: 16 Nov 2018 14:02

Instrument :

MSVOA_X

ClientSampled :

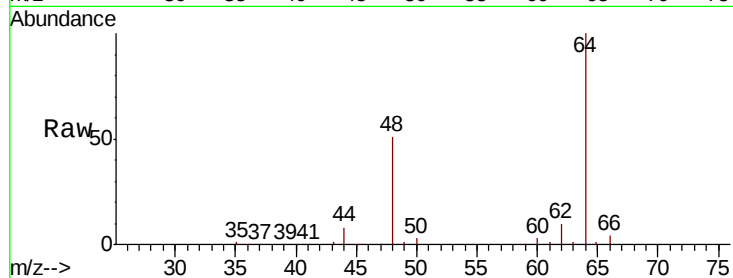
S36-0145

Tot Ion: 62 Resp: 3861

Ion Ratio Lower Upper

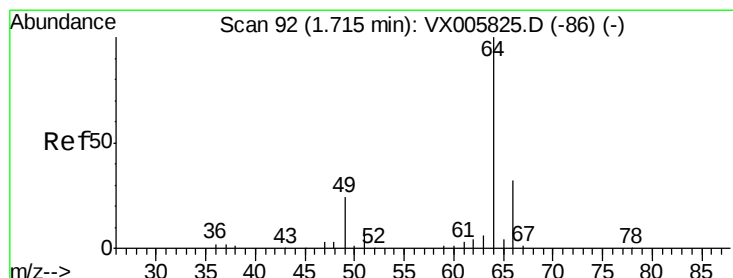
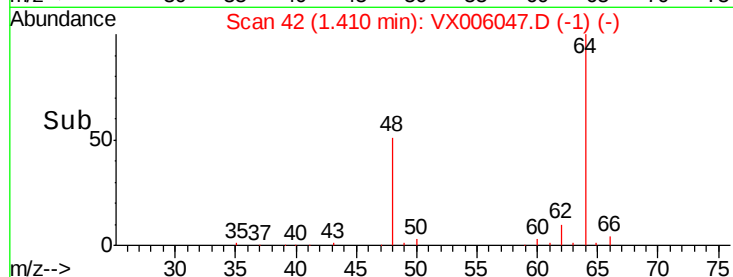
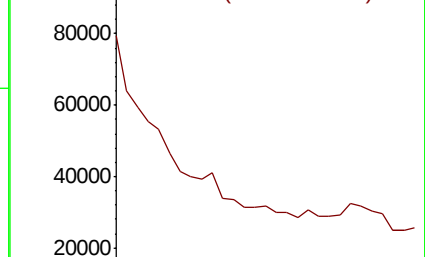
62 100

64 126.3 25.3 37.9#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#6

Chloroethane

Concen: 1.272 ug/l

RT: 1.88 min Scan# 119

Delta R.T. 0.16 min

Lab File: VX006047.D

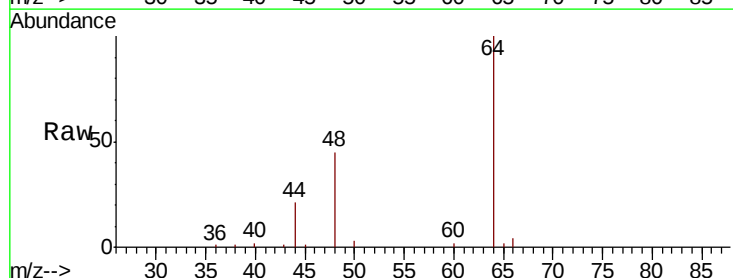
Acq: 16 Nov 2018 14:02

Tgt Ion: 64 Resp: 1305

Ion Ratio Lower Upper

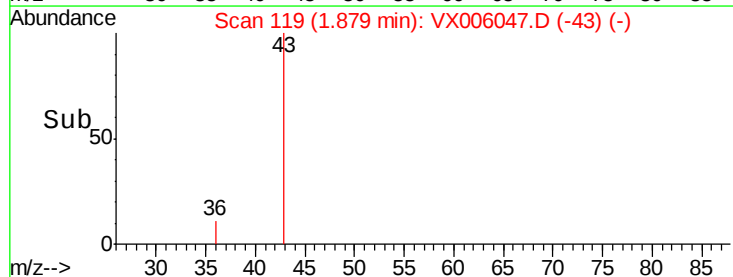
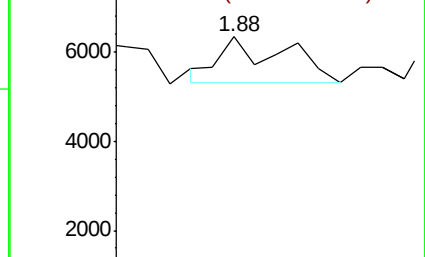
64 100

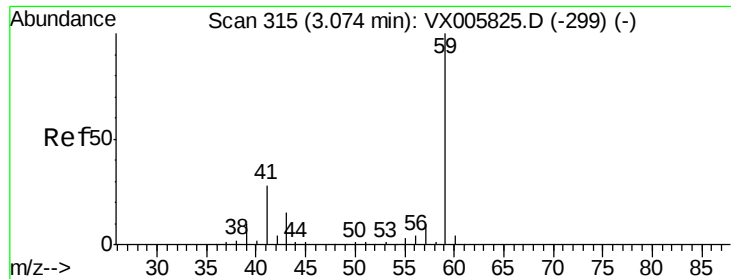
66 0.0 25.8 38.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

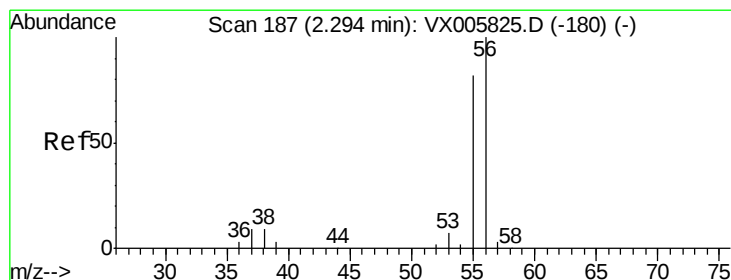
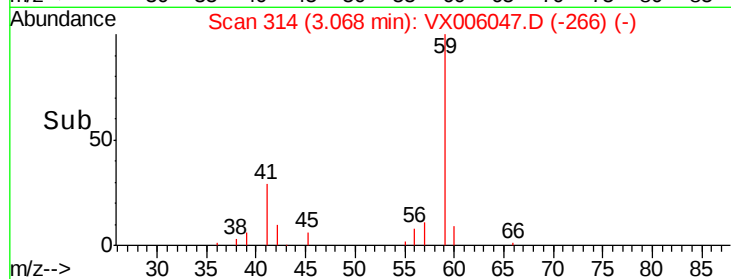
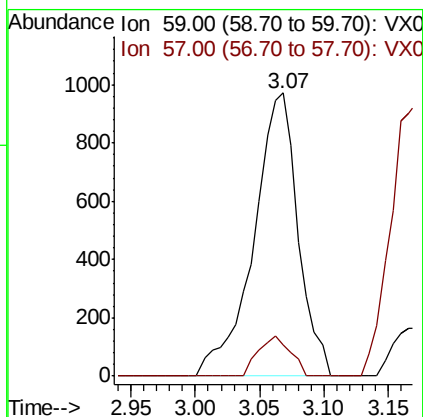
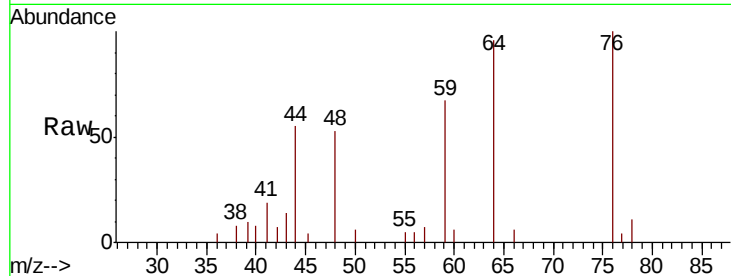




#11
Tert butyl alcohol
Concen: 4.885 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

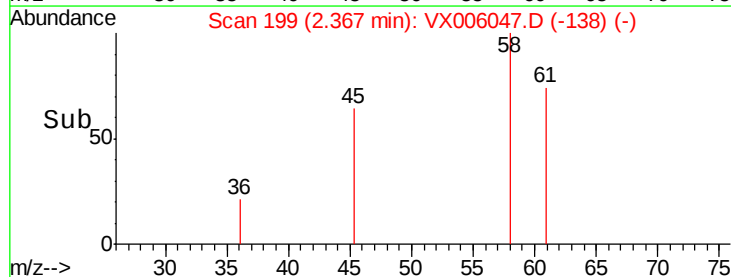
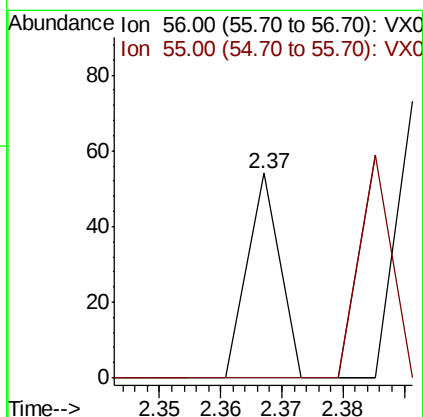
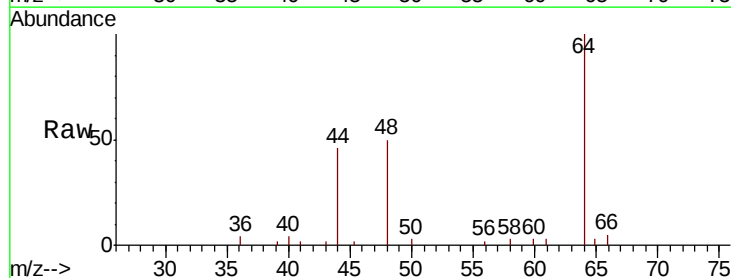
Instrument :
MSVOA_X
ClientSampled :
S36-0145

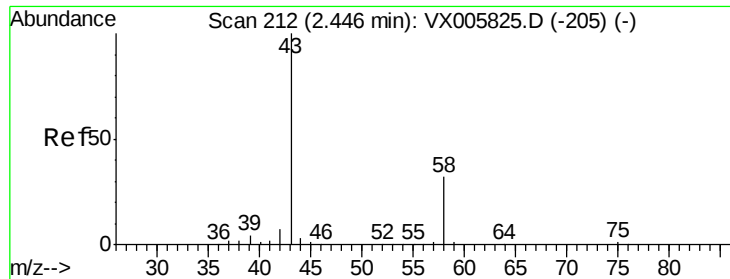
Tot Ion: 59 Resp: 2328
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7



#13
Acrolein
Concen: 19.245 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.07 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 57.3 85.9#





#16

Acetone

Concen: 5.570 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006047.D

Acq: 16 Nov 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

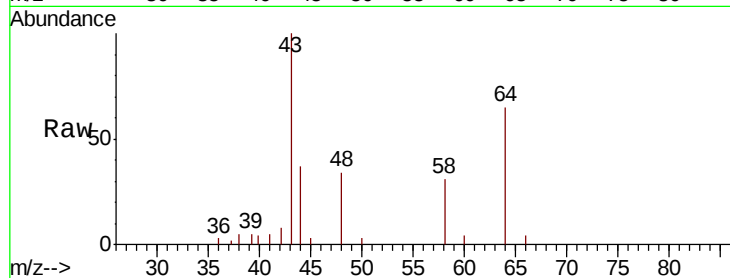
S36-0145

Tot Ion: 43 Resp: 4989

Ion Ratio Lower Upper

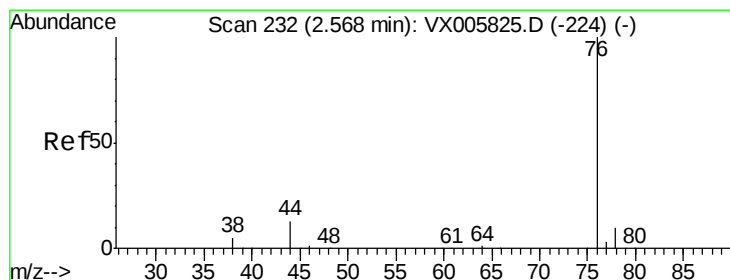
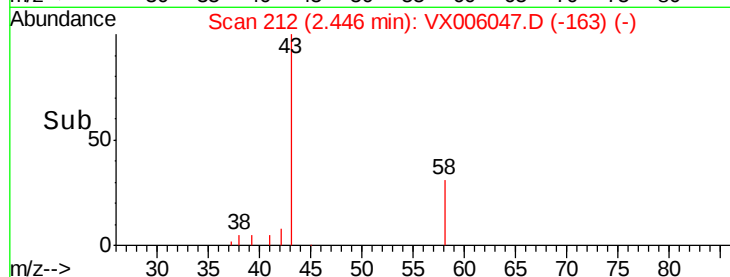
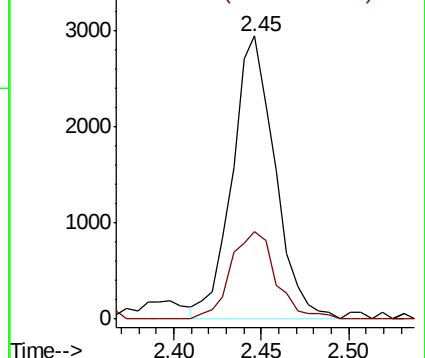
43 100

58 31.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.876 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006047.D

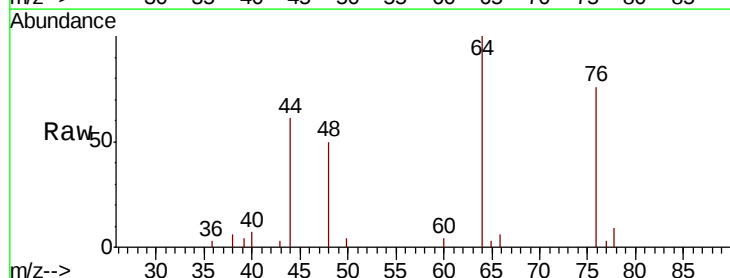
Acq: 16 Nov 2018 14:02

Tgt Ion: 76 Resp: 3344

Ion Ratio Lower Upper

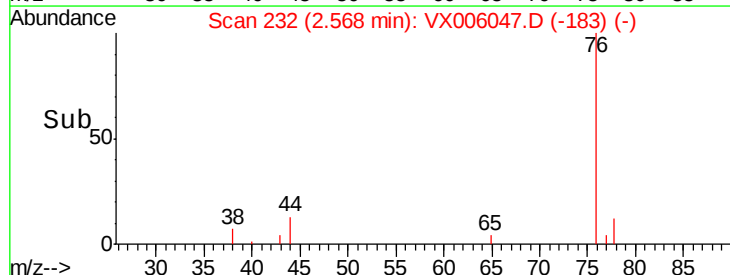
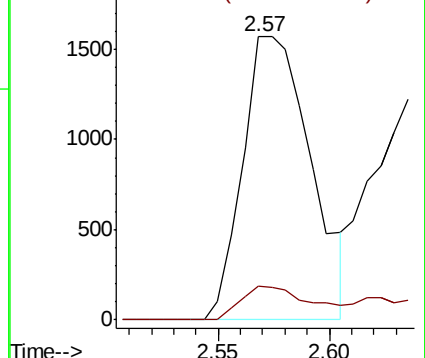
76 100

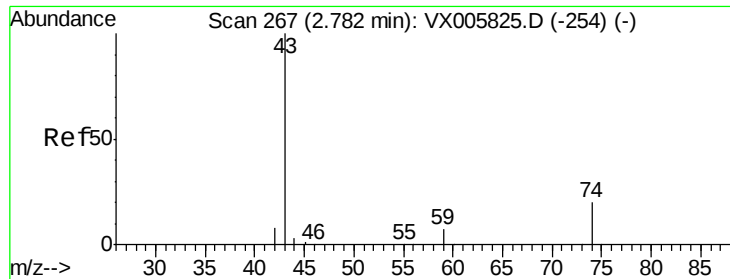
78 11.8 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

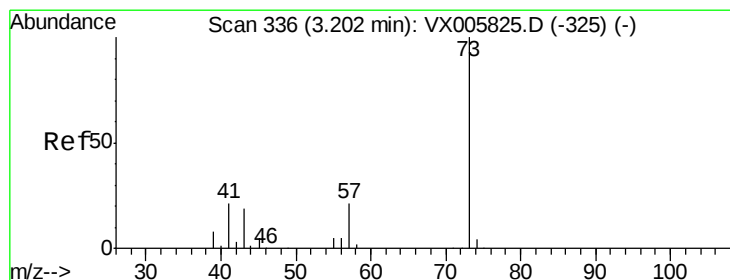
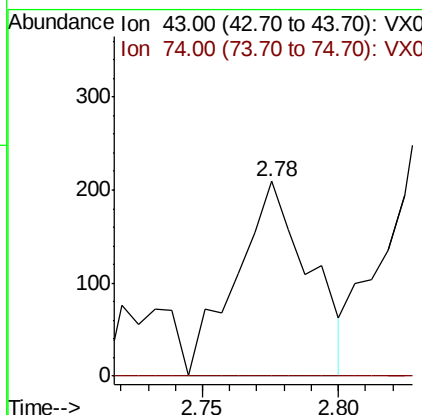
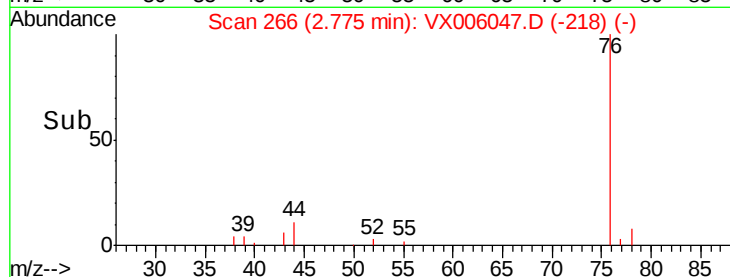
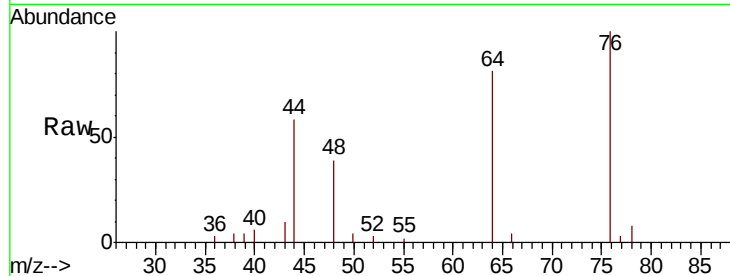




#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

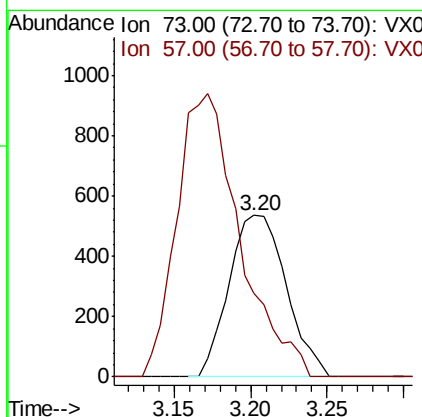
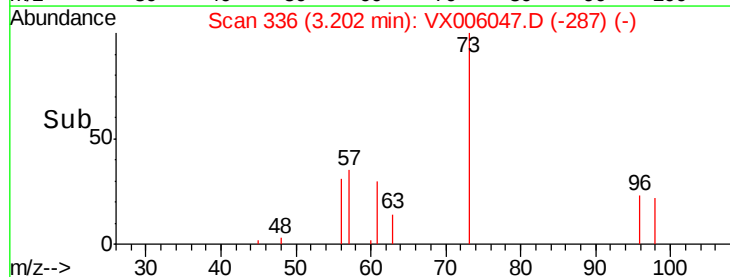
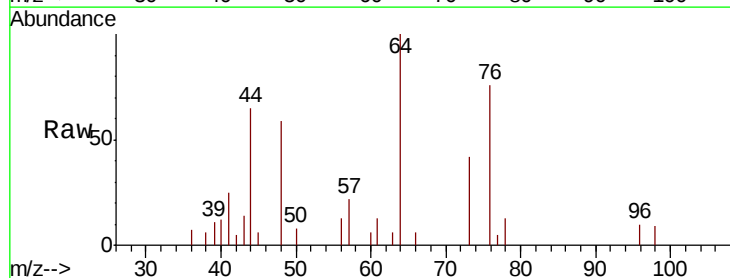
Instrument :
MSVOA_X
ClientSampled :
S36-0145

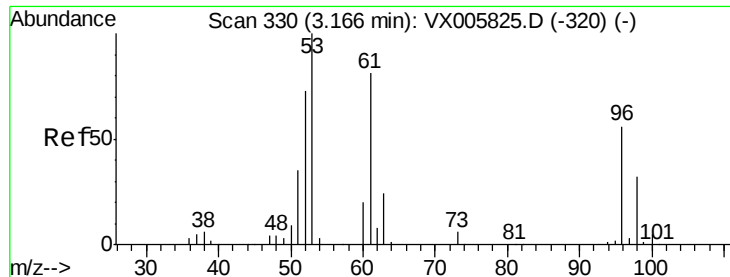
Tot Ion: 43 Resp: 388
Ion Ratio Lower Upper
43 100
74 0.0 16.8 25.2#



#19
Methyl tert-butyl Ether
Concen: 0.320 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

Tgt Ion: 73 Resp: 1396
Ion Ratio Lower Upper
73 100
57 51.5 18.8 28.2#





#21

trans-1,2-Dichloroethene

Concen: 4.594 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006047.D

Acq: 16 Nov 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

S36-0145

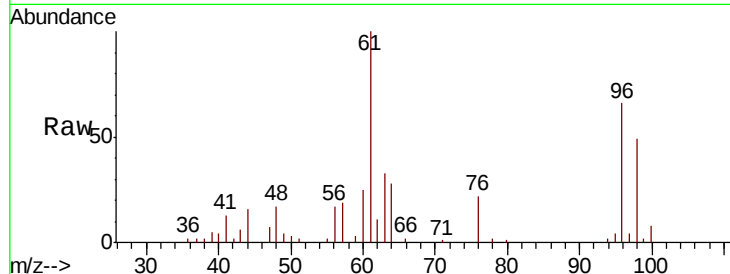
Tot Ion: 96 Resp: 6198

Ion Ratio Lower Upper

96 100

61 150.5 115.6 173.4

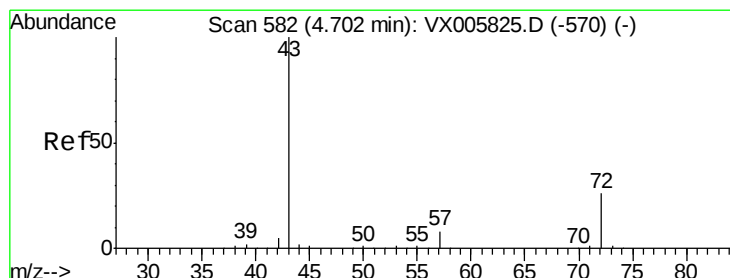
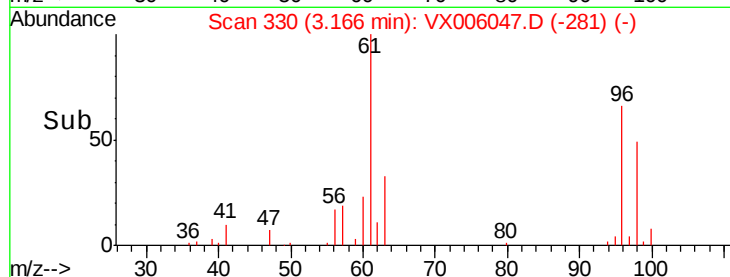
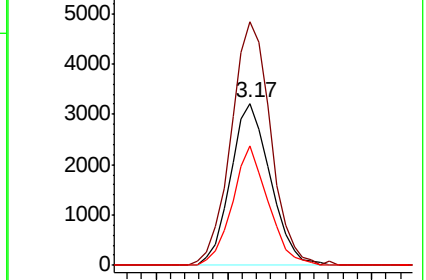
98 74.1 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#25

2-Butanone

Concen: 0.438 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006047.D

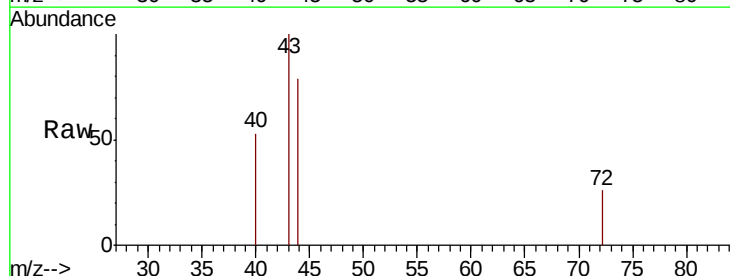
Acq: 16 Nov 2018 14:02

Tgt Ion: 43 Resp: 617

Ion Ratio Lower Upper

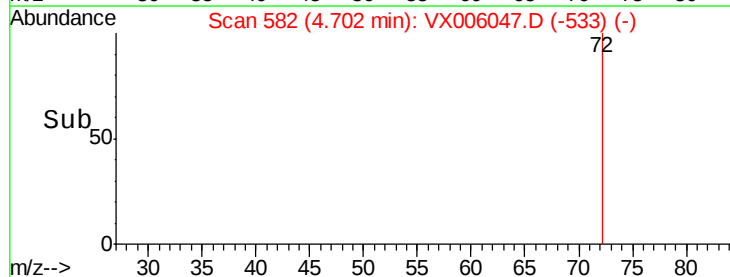
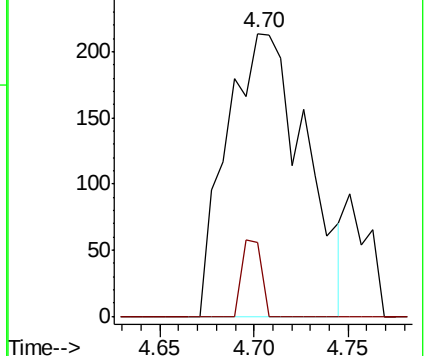
43 100

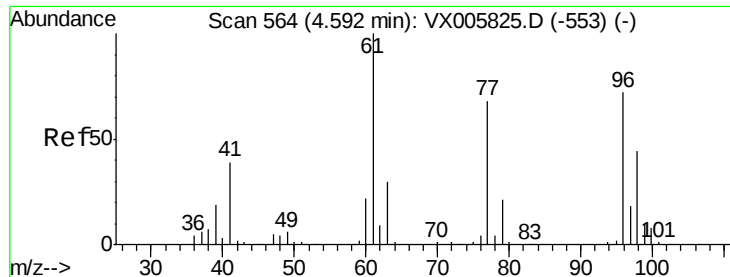
72 26.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 1.371 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VX006047.D

Acq: 16 Nov 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

S36-0145

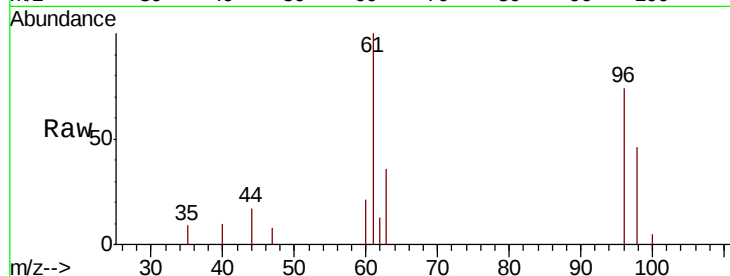
Tot Ion: 96 Resp: 2043

Ion Ratio Lower Upper

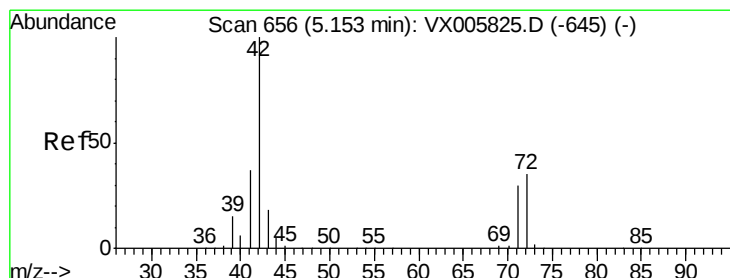
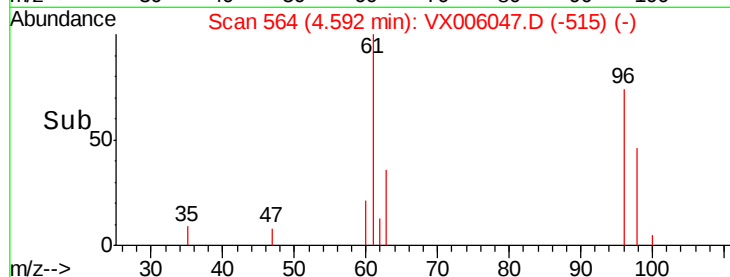
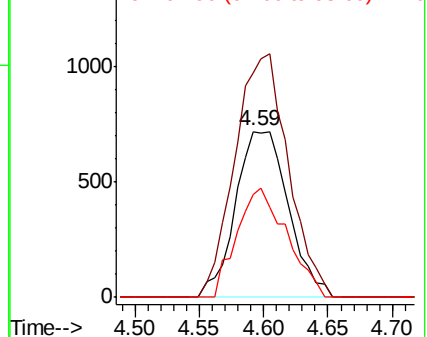
96 100

61 148.3 0.0 304.6

98 62.3 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#29

Tetrahydrofuran

Concen: 5.330 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX006047.D

Acq: 16 Nov 2018 14:02

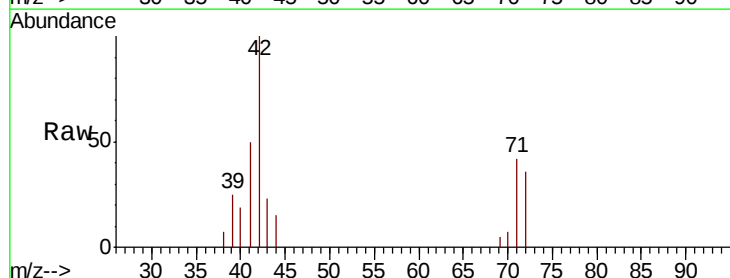
Tgt Ion: 42 Resp: 4819

Ion Ratio Lower Upper

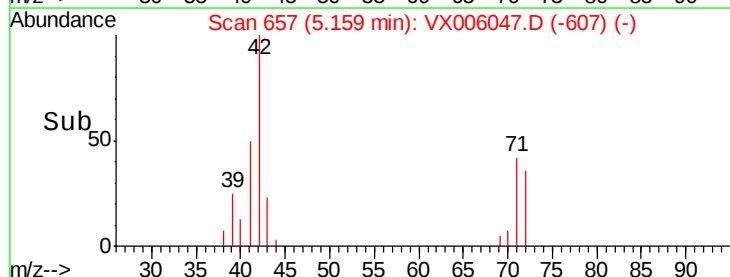
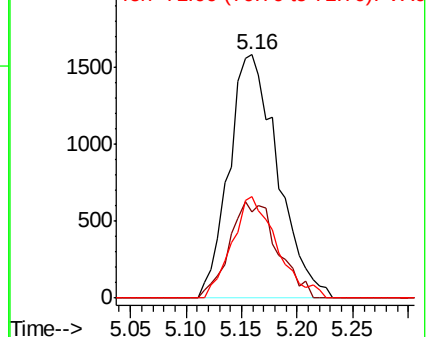
42 100

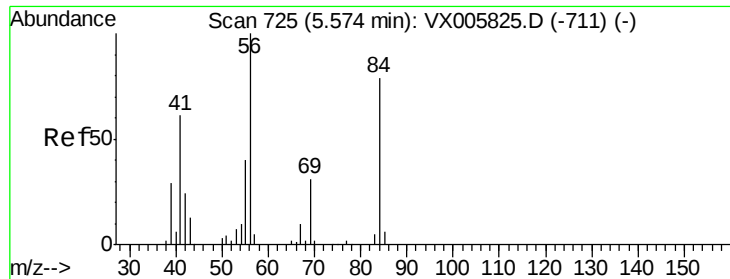
72 38.6 32.0 48.0

71 38.3 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

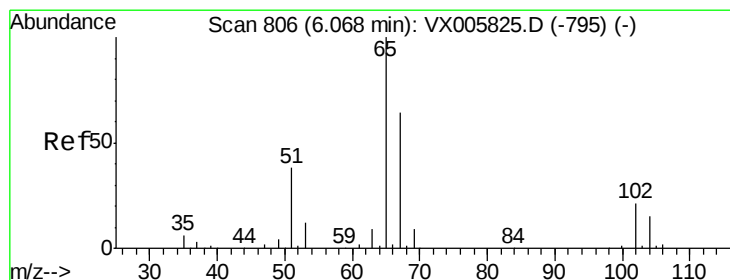
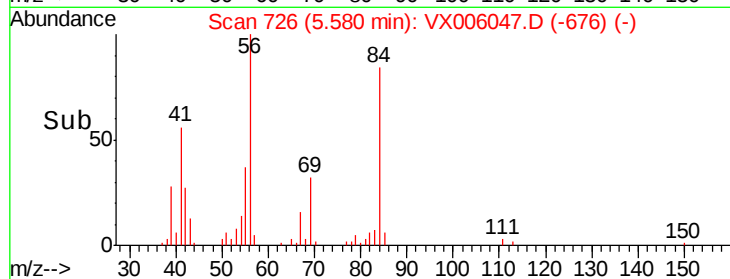
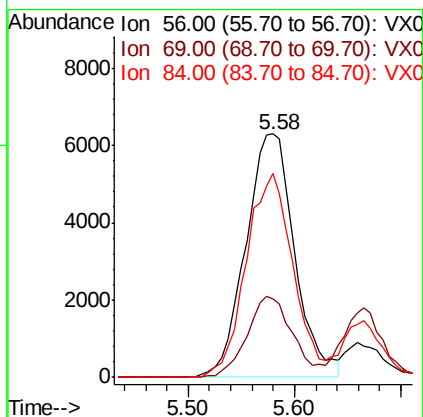
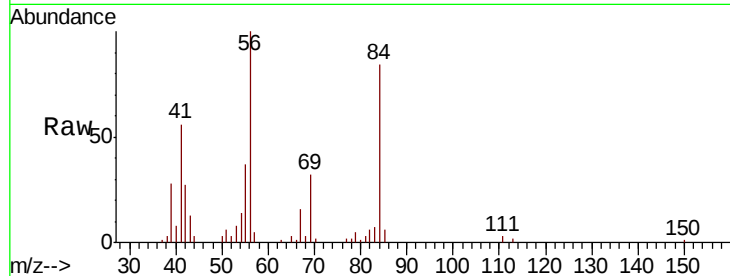




#31
Cyclohexane
Concen: 8.739 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

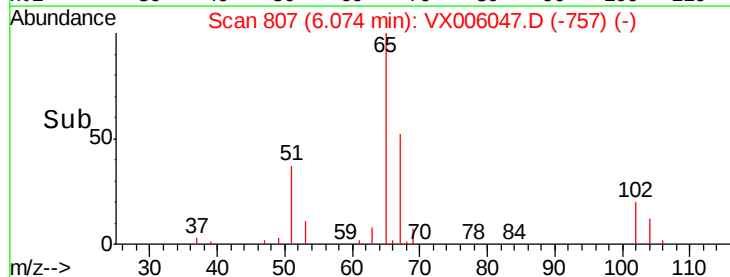
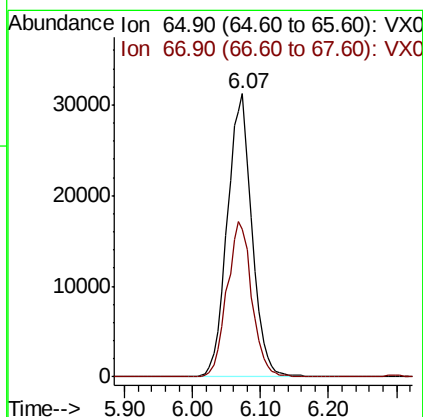
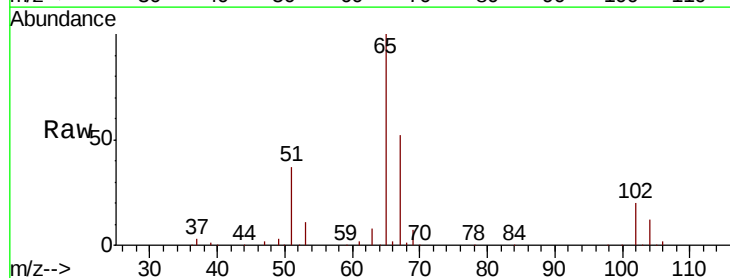
Instrument :
MSVOA_X
ClientSampleId :
S36-0145

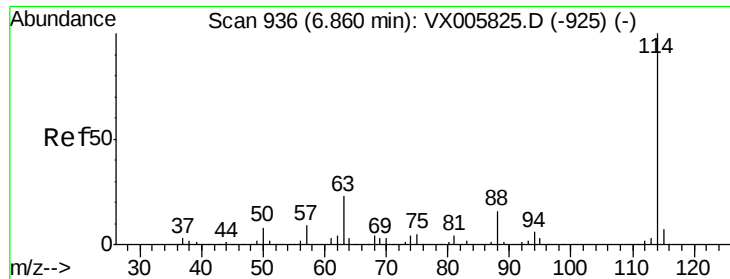
Tot Ion: 56 Resp: 20254
Ion Ratio Lower Upper
56 100
69 32.4 22.6 34.0
84 83.7 62.7 94.1



#33
1,2-Dichloroethane-d4
Concen: 47.040 ug/l
RT: 6.07 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

Tgt Ion: 65 Resp: 78256
Ion Ratio Lower Upper
65 100
67 55.2 0.0 105.0

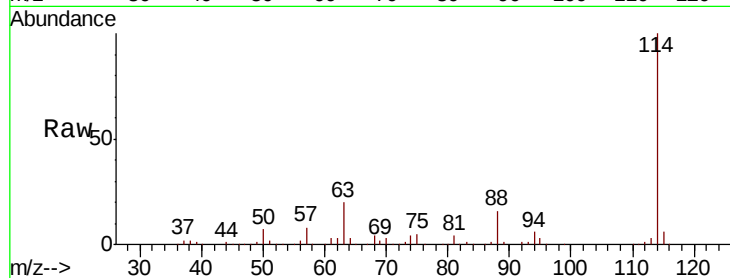




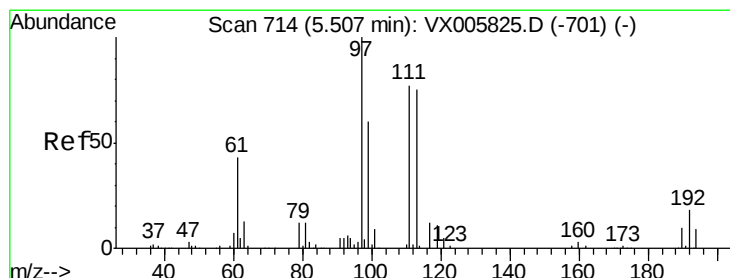
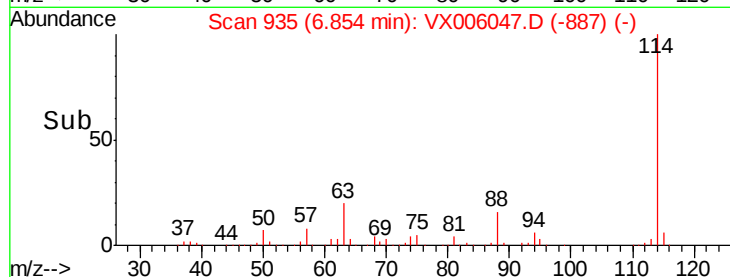
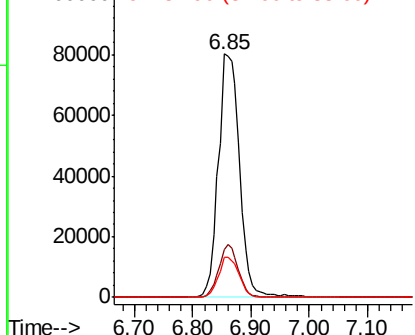
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

Instrument :
MSVOA_X
ClientSampled :
S36-0145

Tot Ion:114 Resp: 202752
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.8
88 16.4 0.0 31.2

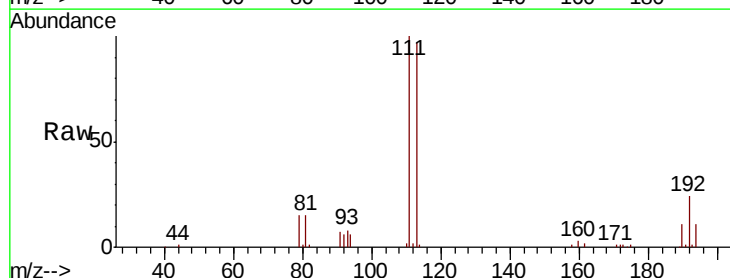


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

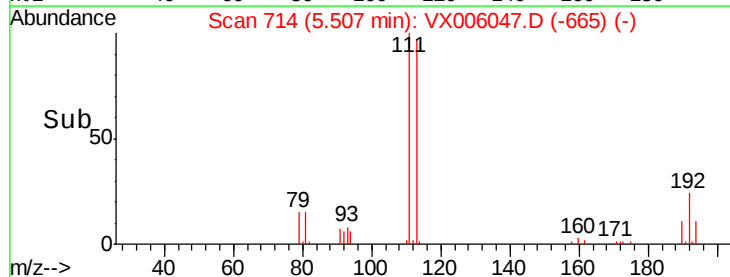
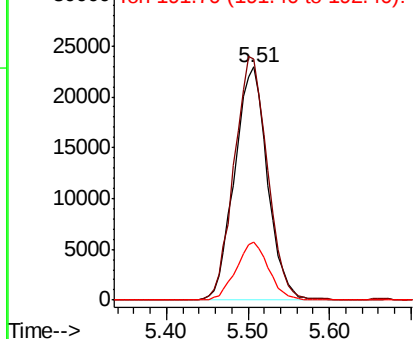


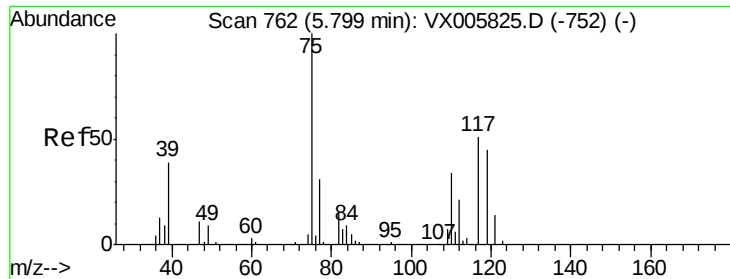
#35
Dibromofluoromethane
Concen: 46.453 ug/l
RT: 5.51 min Scan# 714
Delta R.T. -0.00 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

Tgt Ion:113 Resp: 64059
Ion Ratio Lower Upper
113 100
111 105.5 82.3 123.5
192 24.4 17.9 26.9



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

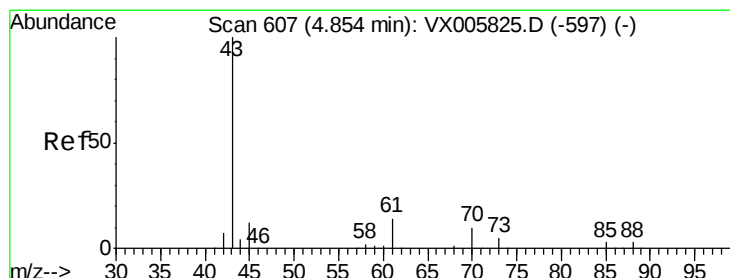
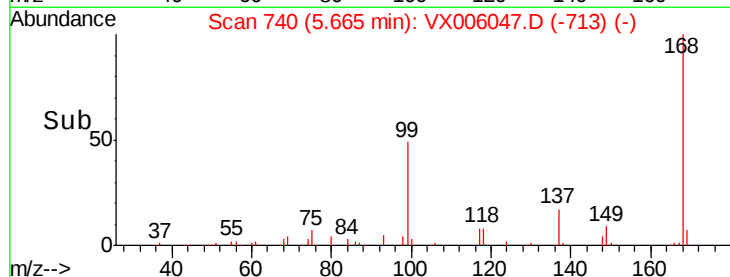
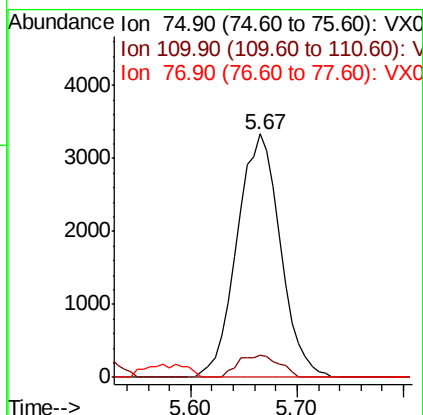
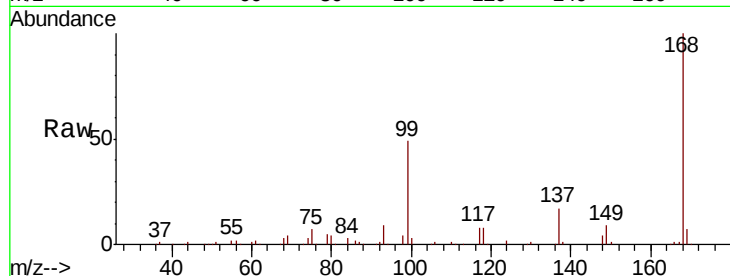




#36
 1,1-Dichloropropene
 Concen: 4.883 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006047.D
 Acq: 16 Nov 2018 14:02

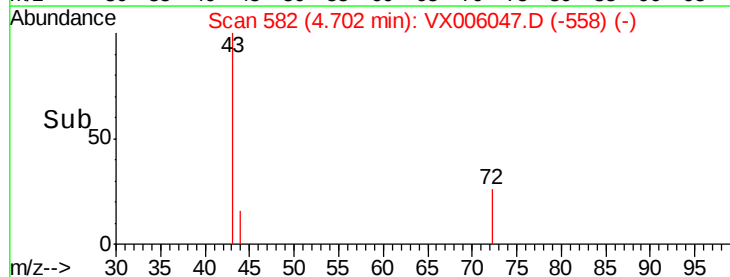
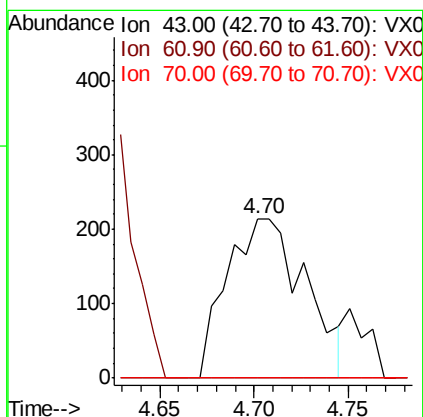
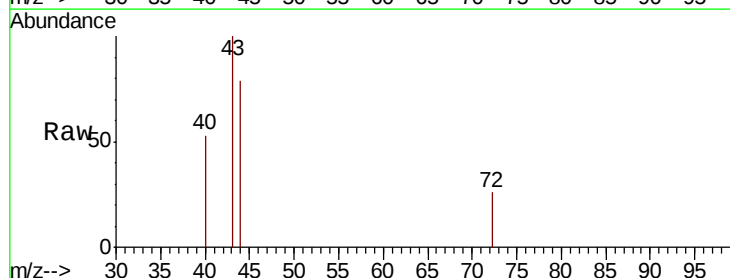
Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0145

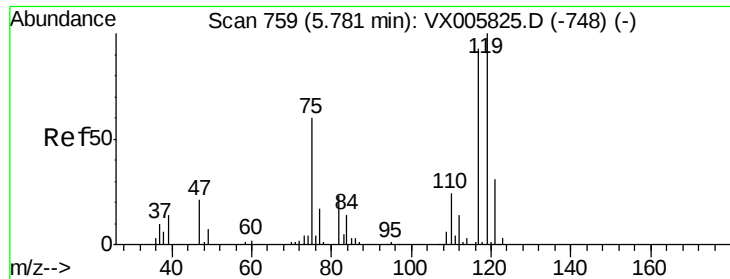
Tot Ion: 75 Resp: 9544
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.4 52.2#
 77 0.0 25.8 38.6#



#37
 Ethyl Acetate
 Concen: 0.240 ug/l
 RT: 4.70 min Scan# 582
 Delta R.T. -0.15 min
 Lab File: VX006047.D
 Acq: 16 Nov 2018 14:02

Tgt Ion: 43 Resp: 617
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.8 16.2#
 70 0.0 7.8 11.8#

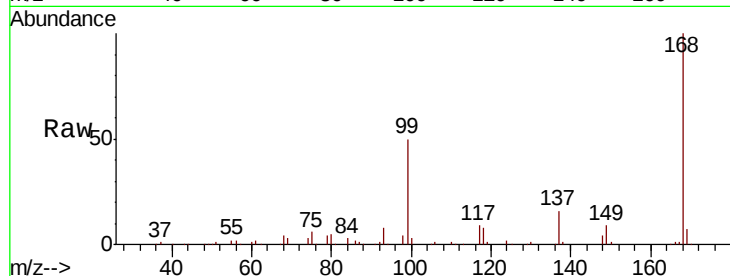




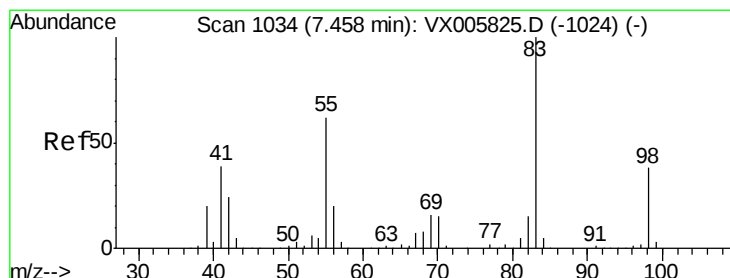
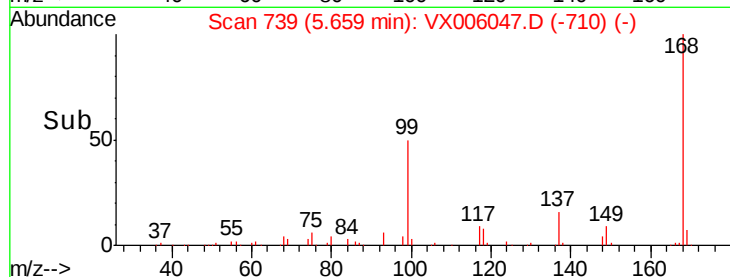
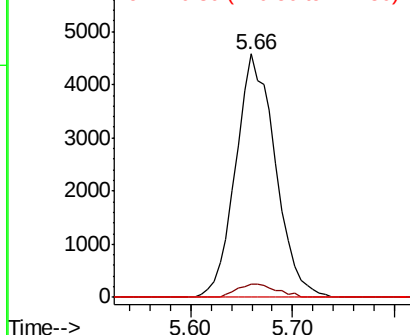
#38
Carbon Tetrachloride
Concen: 6.326 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

Instrument :
MSVOA_X
ClientSampleId :
S36-0145

Tot Ion:117 Resp: 12378
Ion Ratio Lower Upper
117 100
119 5.4 78.1 117.1#
121 0.0 24.6 36.8#

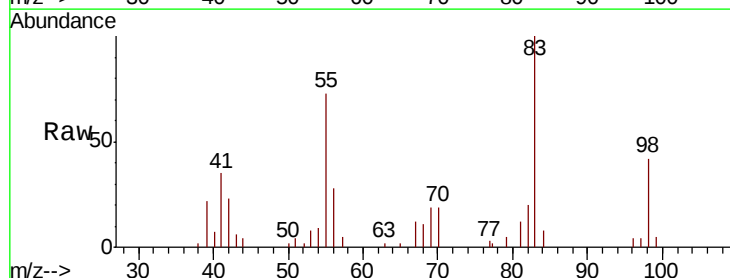


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

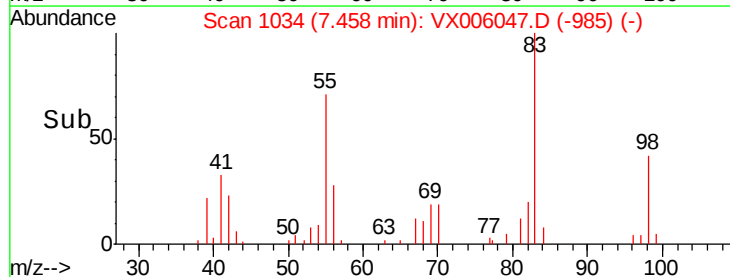
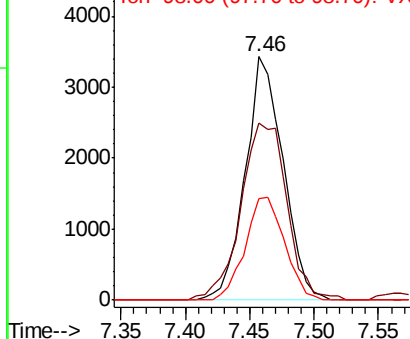


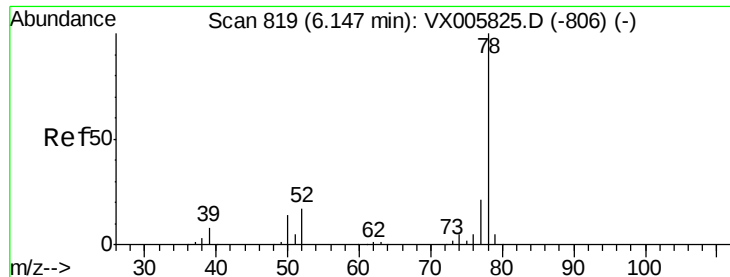
#39
Methylcyclohexane
Concen: 3.519 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

Tgt Ion: 83 Resp: 6972
Ion Ratio Lower Upper
83 100
55 72.9 63.7 95.5
98 41.5 36.2 54.2



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 130.434 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX006047.D

Acq: 16 Nov 2018 14:02

Instrument :

MSVOA_X

ClientSampled :

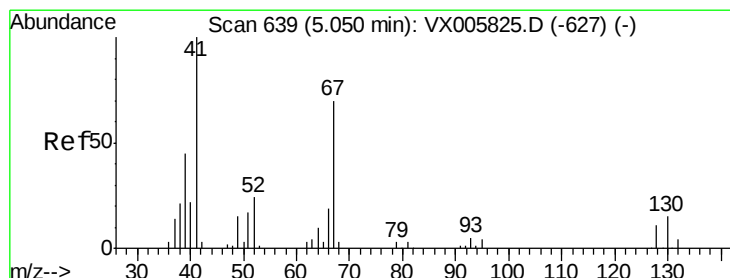
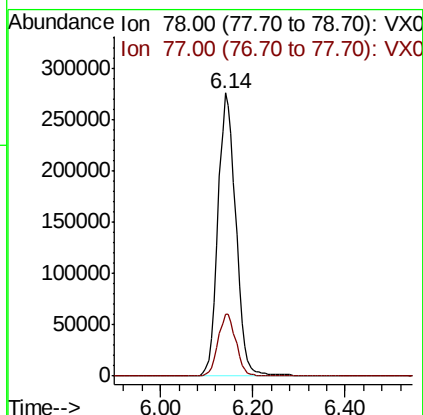
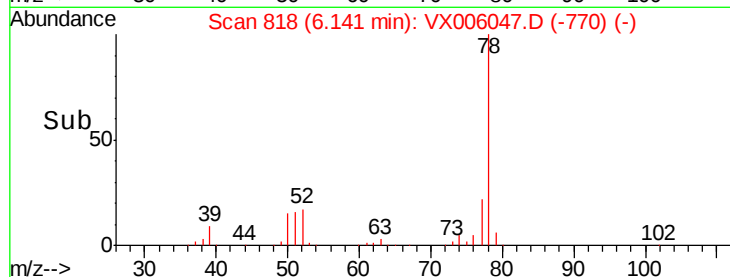
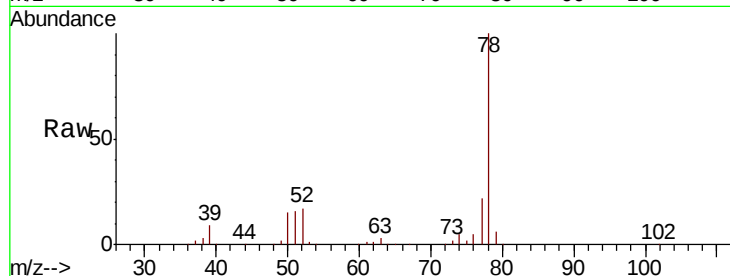
S36-0145

Tot Ion: 78 Resp: 743219

Ion Ratio Lower Upper

78 100

77 22.0 18.4 27.6



#41

Methacrylonitrile

Concen: 1.997 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.11 min

Lab File: VX006047.D

Acq: 16 Nov 2018 14:02

Tgt Ion: 41 Resp: 2774

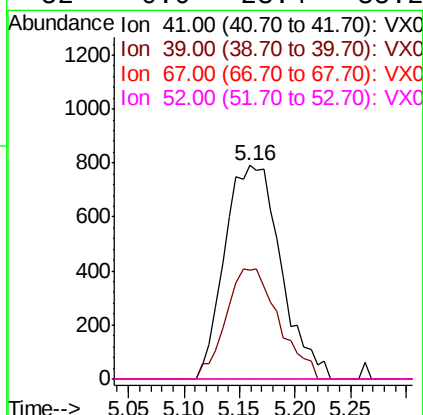
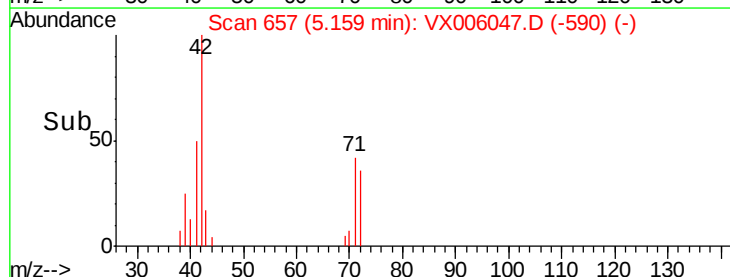
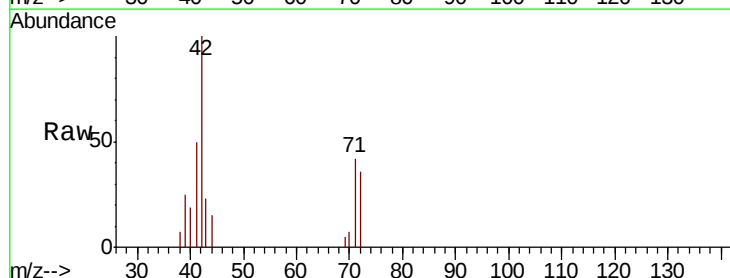
Ion Ratio Lower Upper

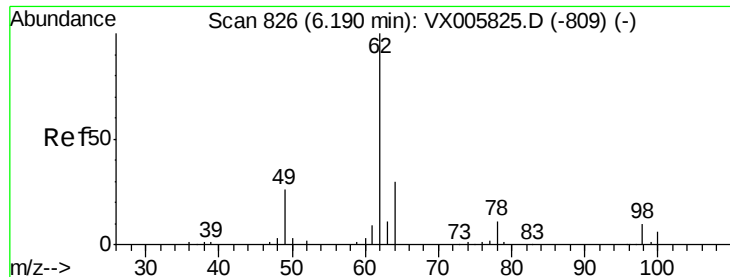
41 100

39 48.4 42.2 63.2

67 0.0 53.4 80.0#

52 0.0 23.4 35.2#





#42

1,2-Dichloroethane

Concen: 2.950 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.04 min

Lab File: VX006047.D

Acq: 16 Nov 2018 14:02

Instrument :

MSVOA_X

ClientSampled :

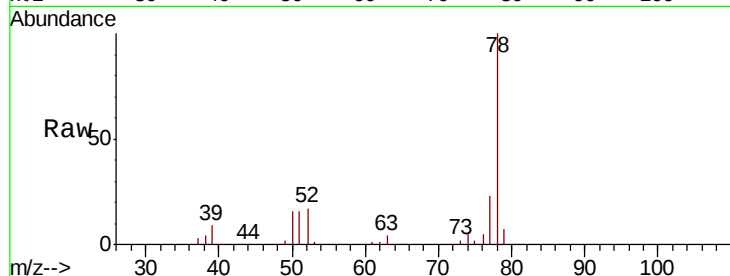
S36-0145

Tot Ion: 62 Resp: 6020

Ion Ratio Lower Upper

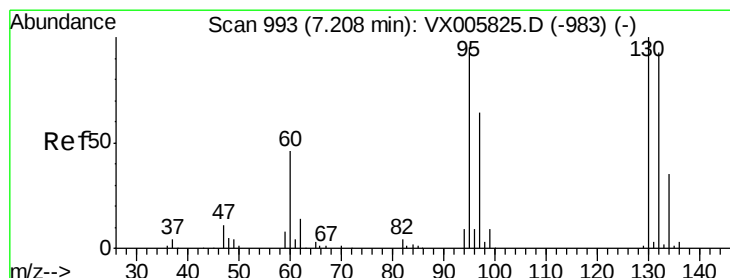
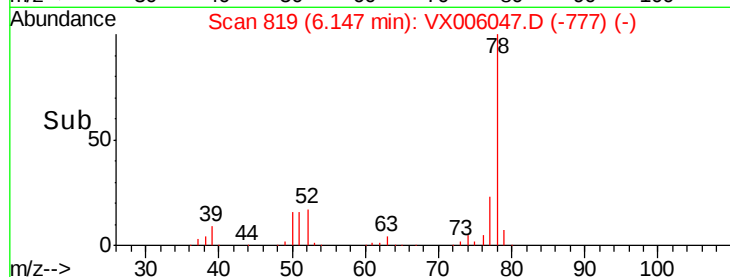
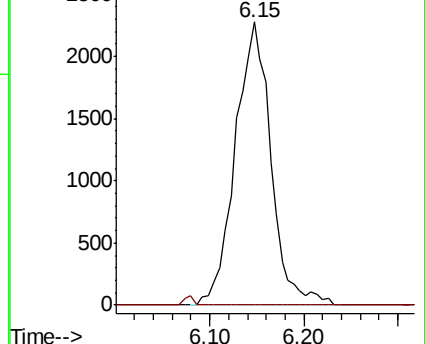
62 100

98 0.0 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#44

Trichloroethene

Concen: 0.413 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX006047.D

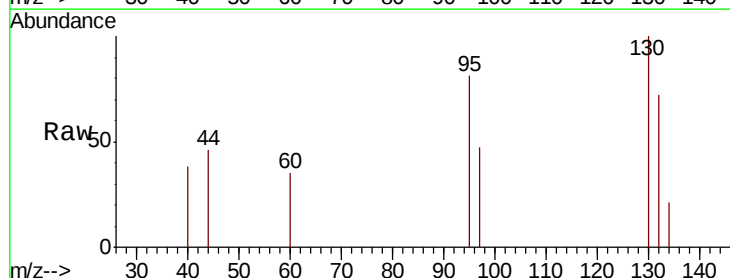
Acq: 16 Nov 2018 14:02

Tgt Ion:130 Resp: 597

Ion Ratio Lower Upper

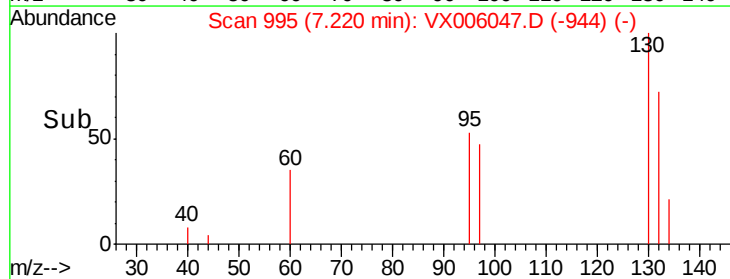
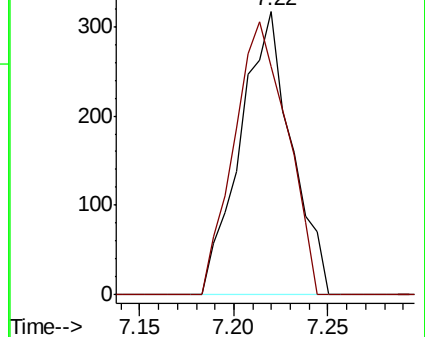
130 100

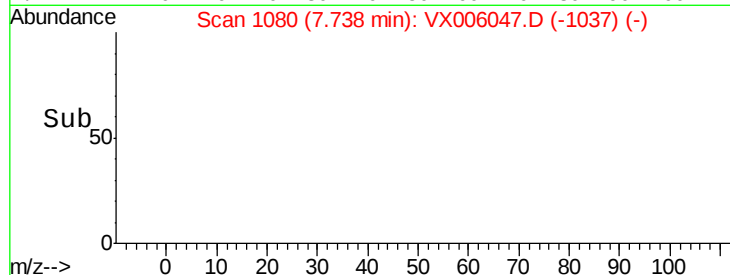
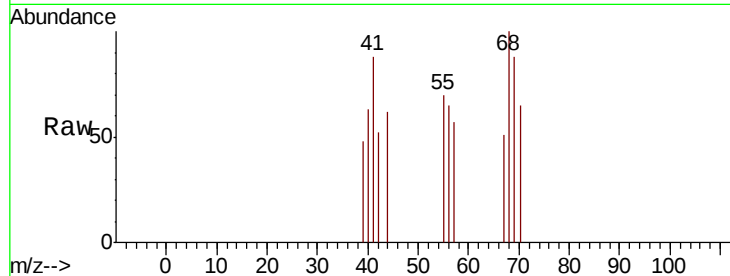
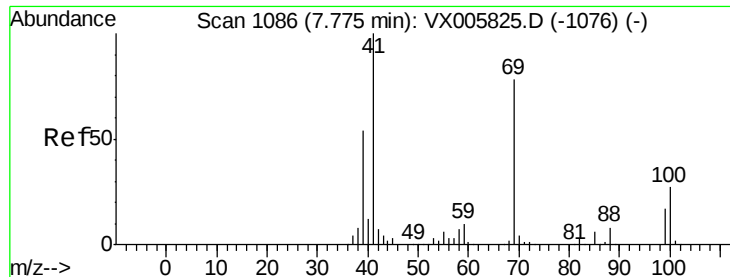
95 80.8 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

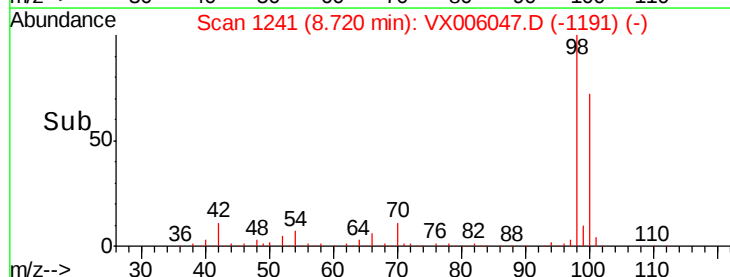
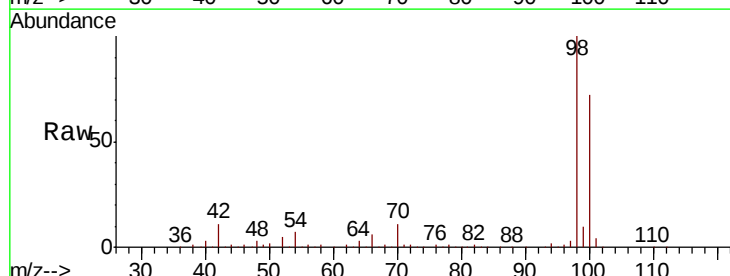
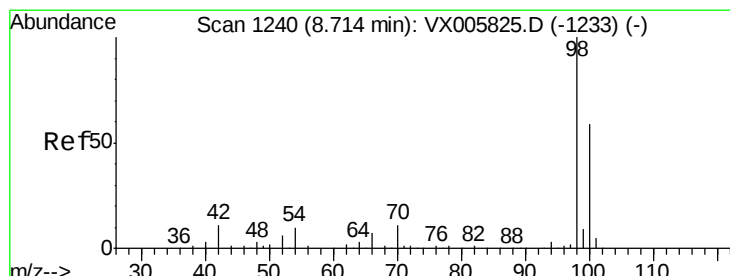
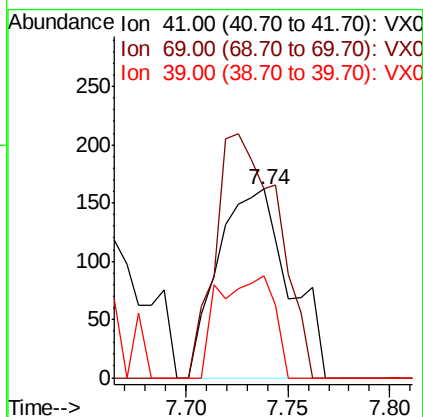




#48
Methyl methacrylate
Concen: 0.234 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.04 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

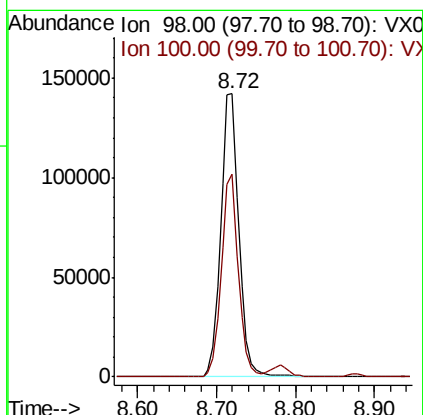
Tot Ion	Ratio	Lower	Upper
41	100		
69	113.8	63.2	94.8#
39	42.6	42.2	63.2

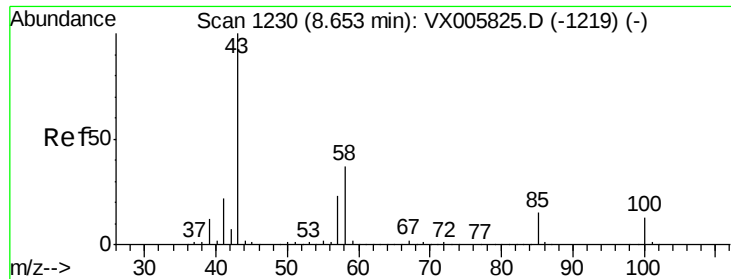
Instrument :
MSVOA_X
ClientSampled :
S36-0145



#50
Toluene-d8
Concen: 49.435 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 1.083 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX006047.D

Acq: 16 Nov 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

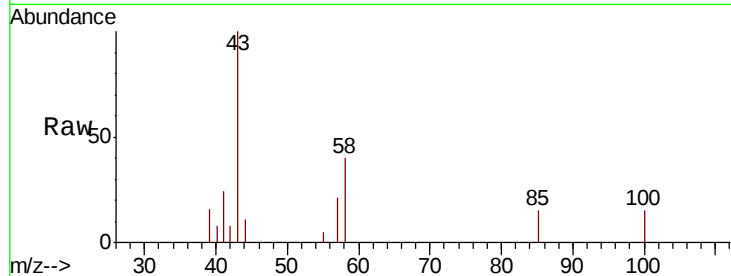
S36-0145

Tot Ion: 43 Resp: 2541

Ion Ratio Lower Upper

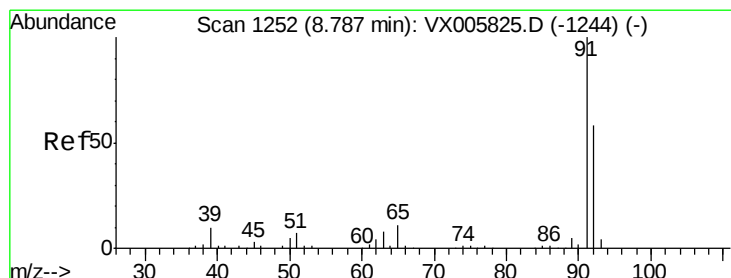
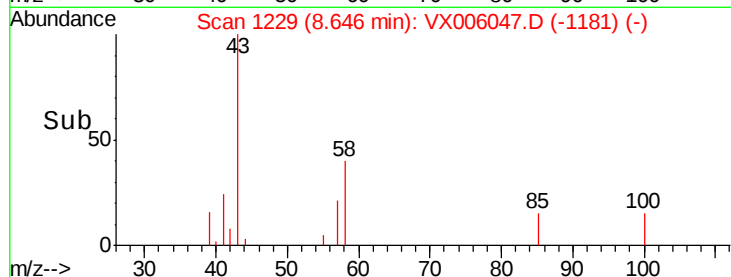
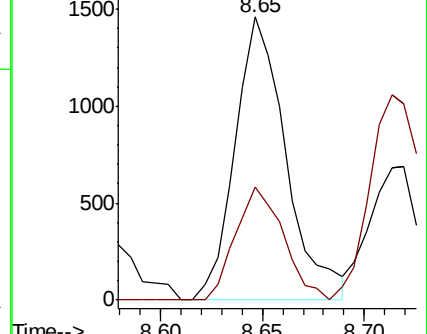
43 100

58 37.3 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.330 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006047.D

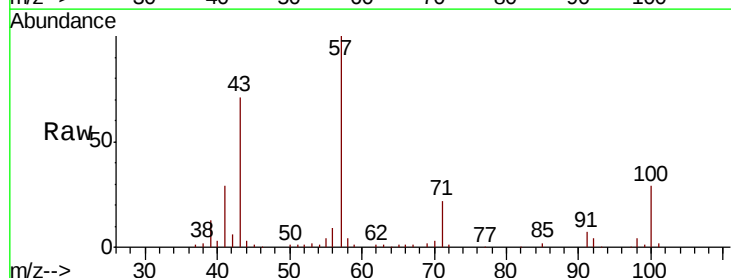
Acq: 16 Nov 2018 14:02

Tgt Ion: 92 Resp: 1050

Ion Ratio Lower Upper

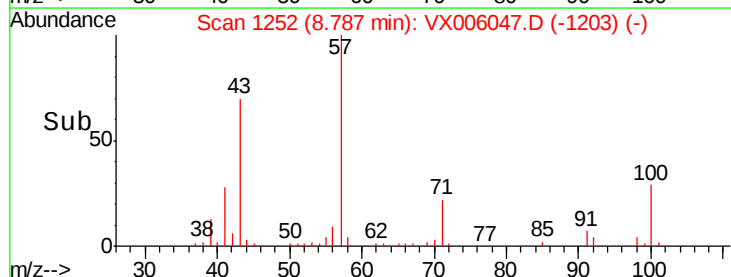
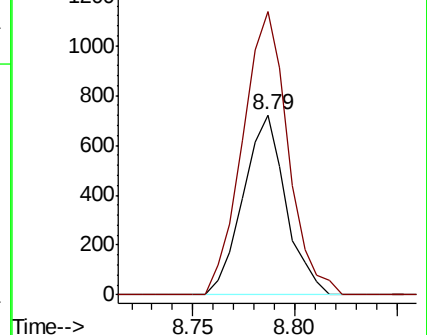
92 100

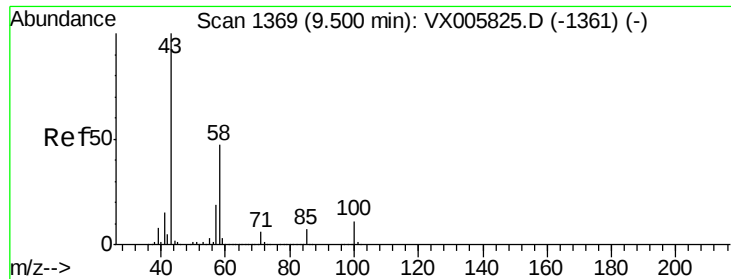
91 167.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

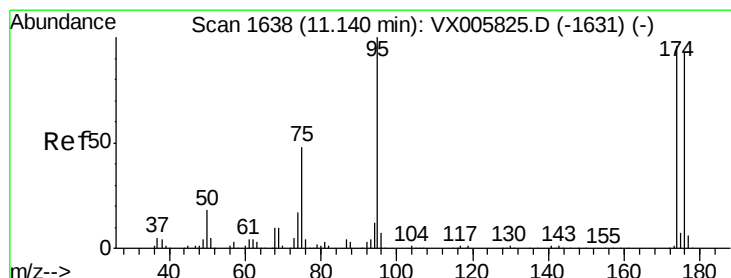
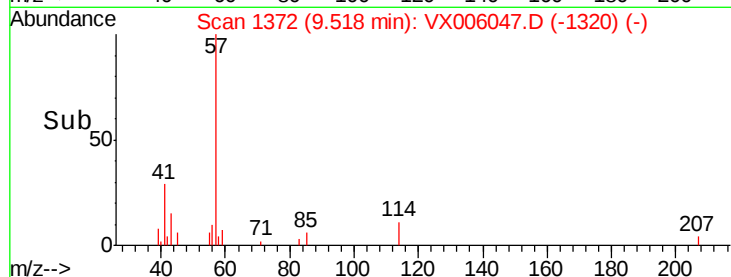
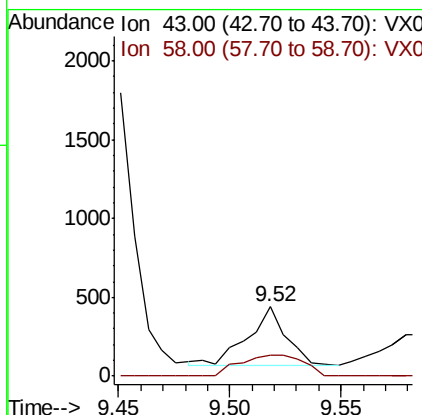
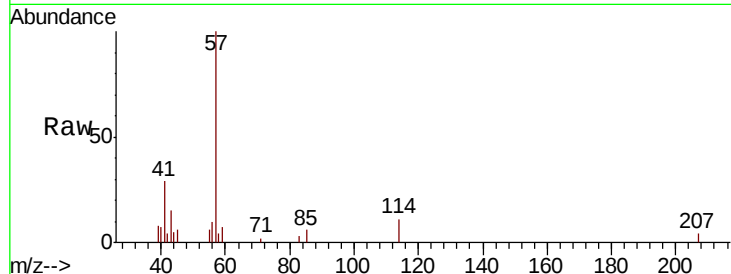




#59
2-Hexanone
Concen: 0.209 ug/l
RT: 9.52 min Scan# 1372
Delta R.T. 0.02 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

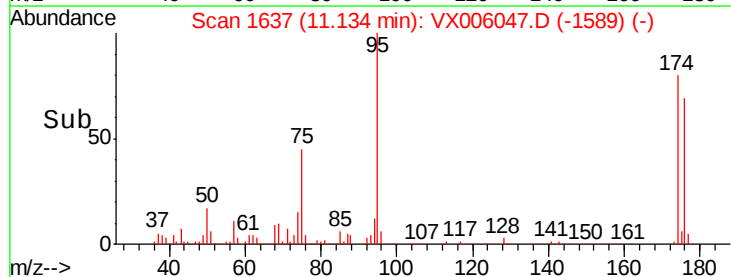
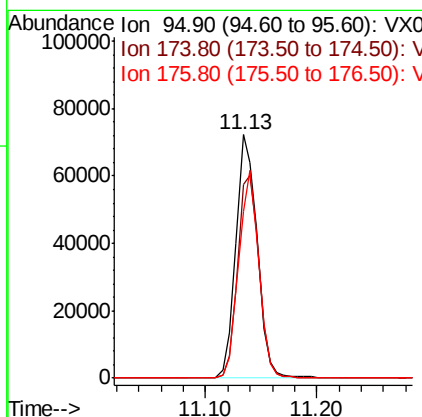
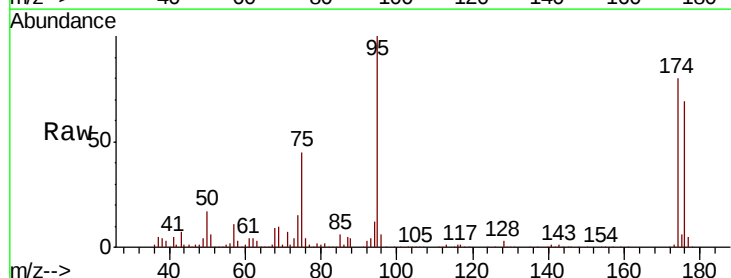
Instrument :
MSVOA_X
ClientSampleId :
S36-0145

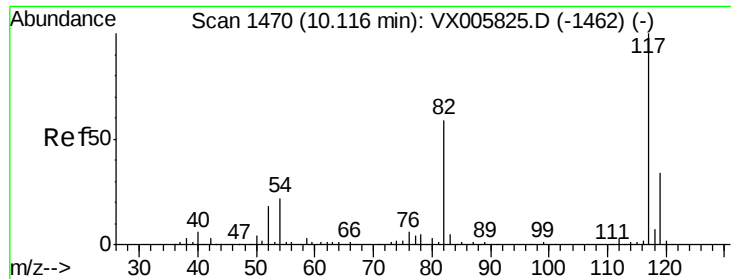
Tot Ion: 43 Resp: 433
Ion Ratio Lower Upper
43 100
58 60.5 25.9 77.8



#62
4-Bromofluorobenzene
Concen: 58.017 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

Tgt Ion: 95 Resp: 95632
Ion Ratio Lower Upper
95 100
174 83.6 0.0 184.4
176 80.7 0.0 177.4

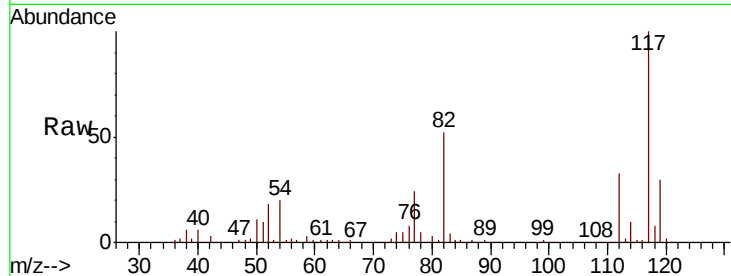




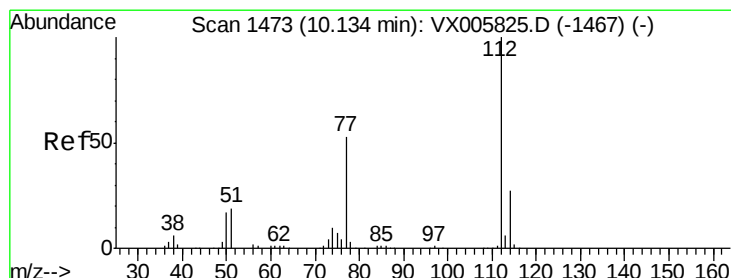
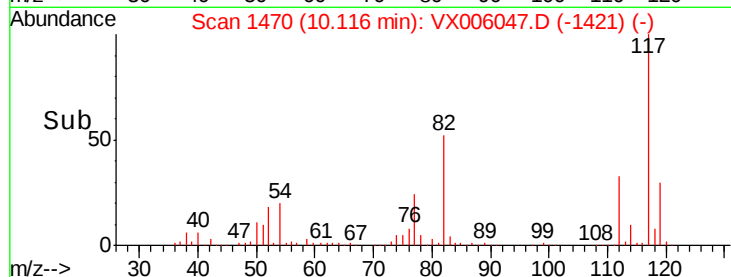
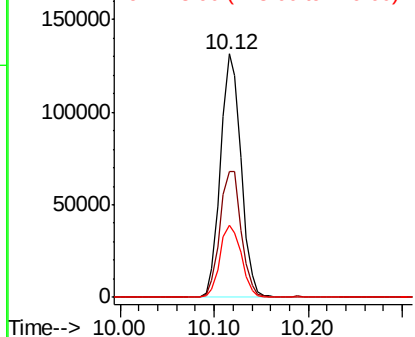
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

Instrument :
MSVOA_X
ClientSampleId :
S36-0145

Tot Ion:117 Resp: 198724
Ion Ratio Lower Upper
117 100
82 51.6 44.1 66.1
119 29.5 26.2 39.2

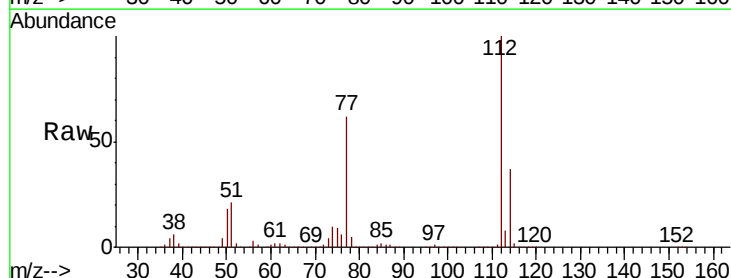


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

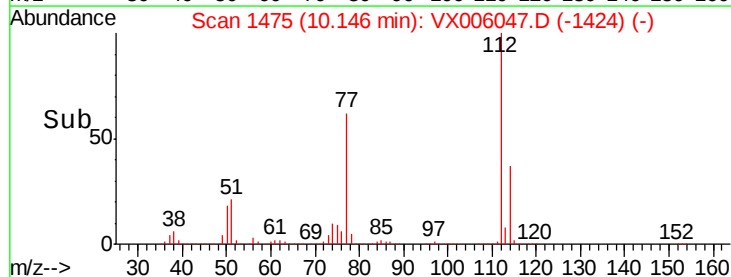
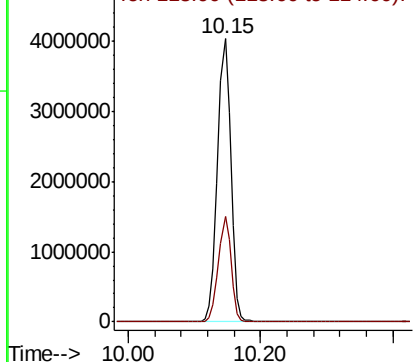


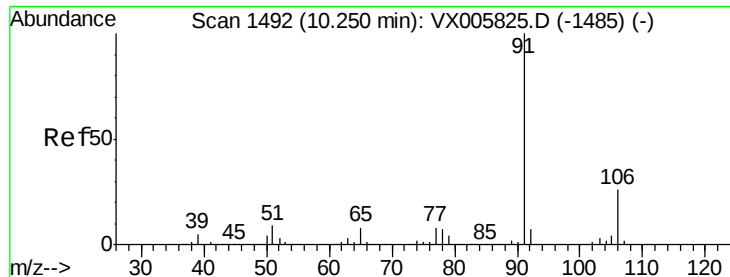
#65
Chlorobenzene
Concen: 1410.364 ug/l
RT: 10.15 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

Tgt Ion:112 Resp: 5614765
Ion Ratio Lower Upper
112 100
114 37.4 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

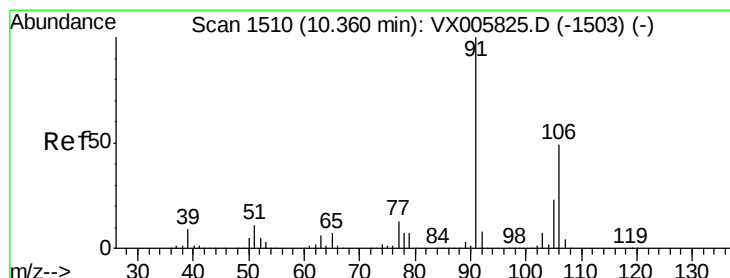
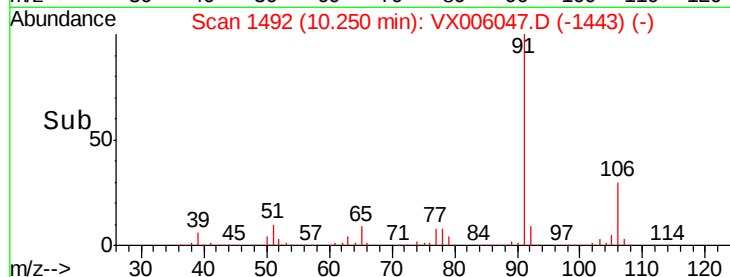
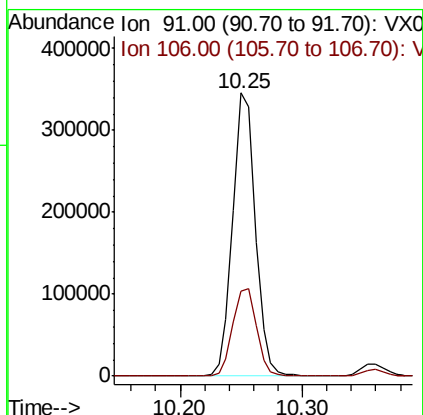
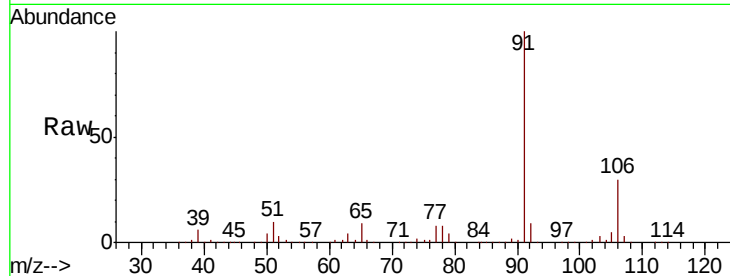




#67
Ethyl Benzene
Concen: 69.412 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

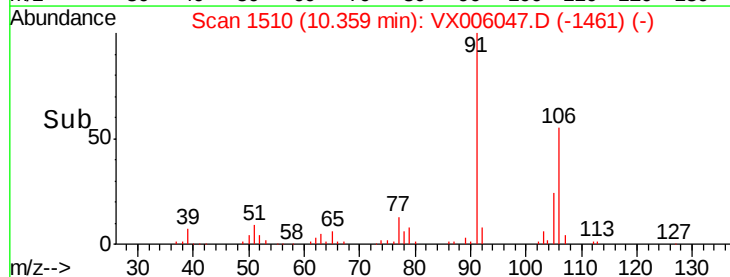
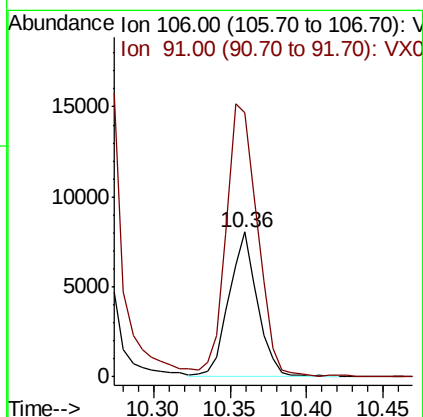
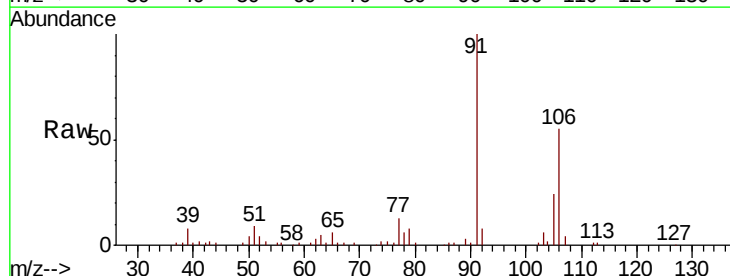
Instrument :
MSVOA_X
ClientSampleId :
S36-0145

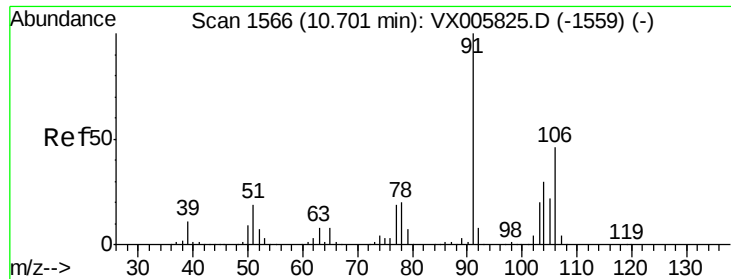
Tot Ion: 91 Resp: 443106
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6



#68
m/p-Xylenes
Concen: 4.292 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

Tgt Ion: 106 Resp: 10452
Ion Ratio Lower Upper
106 100
91 207.4 164.2 246.4

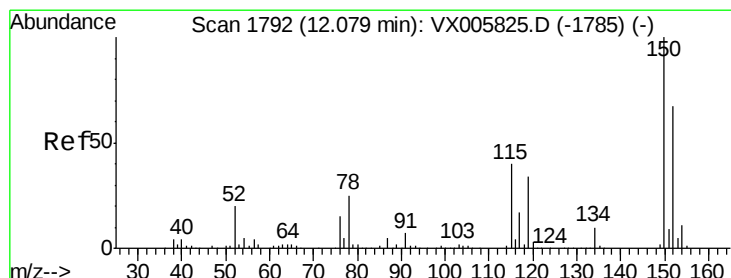
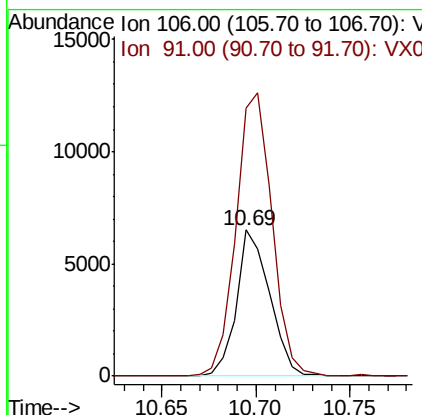
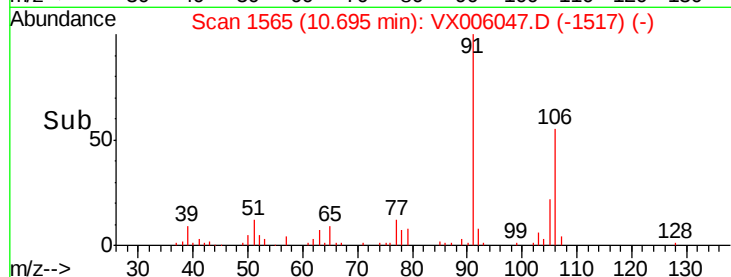
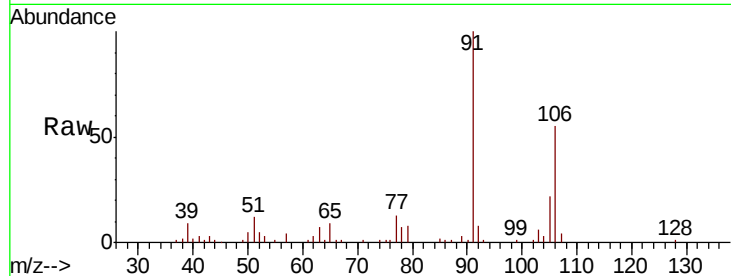




#69
o-Xylene
Concen: 3.641 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

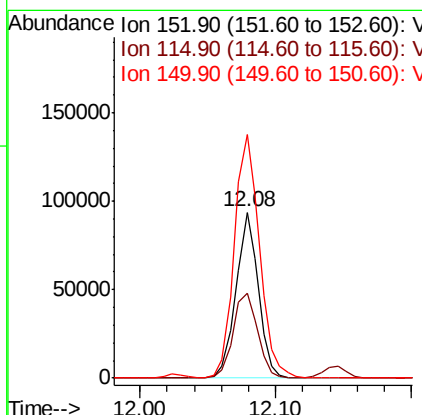
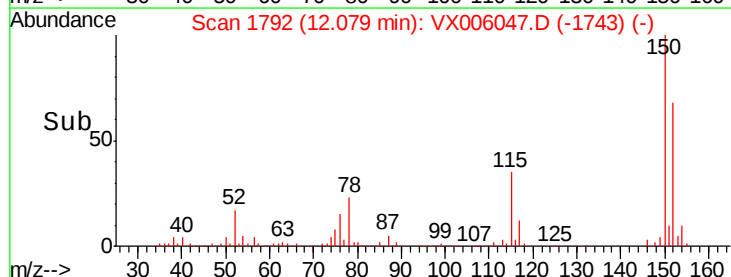
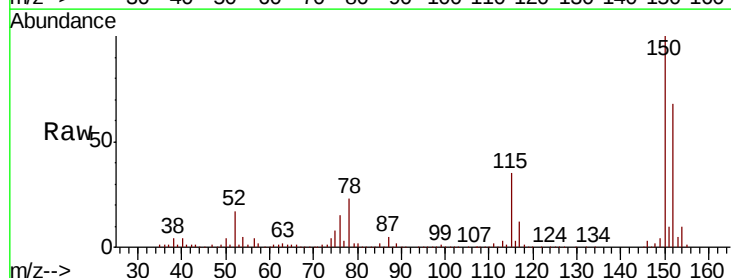
Instrument :
MSVOA_X
ClientSampled :
S36-0145

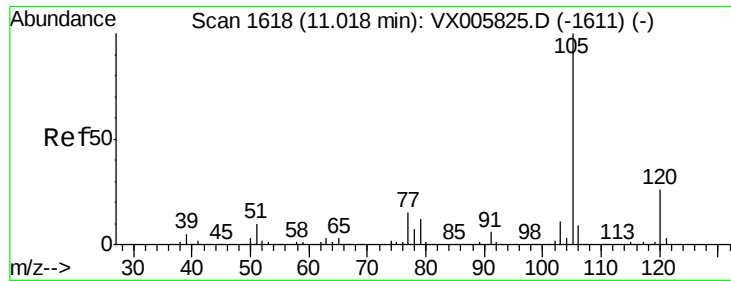
Tot Ion:106 Resp: 7951
Ion Ratio Lower Upper
106 100
91 209.9 108.5 325.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

Tgt Ion:152 Resp: 106638
Ion Ratio Lower Upper
152 100
115 56.2 39.4 118.1
150 166.1 0.0 346.4





#73

Isopropylbenzene

Concen: 8.623 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006047.D

Acq: 16 Nov 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

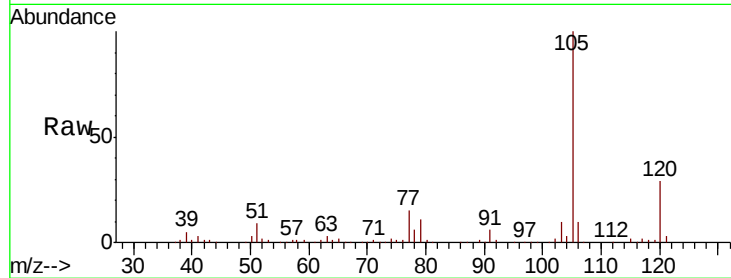
S36-0145

Tot Ion:105 Resp: 53174

Ion Ratio Lower Upper

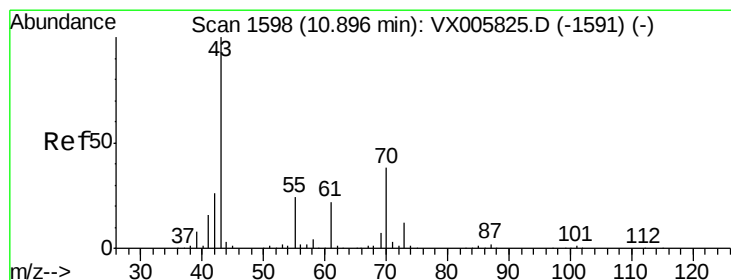
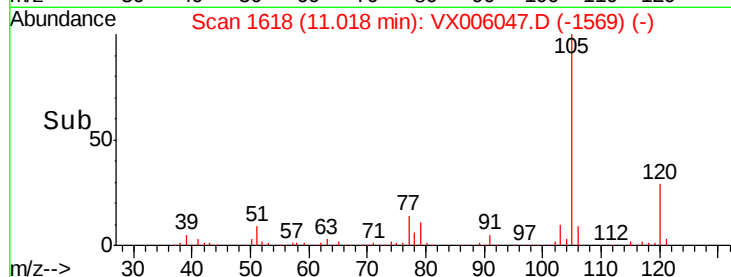
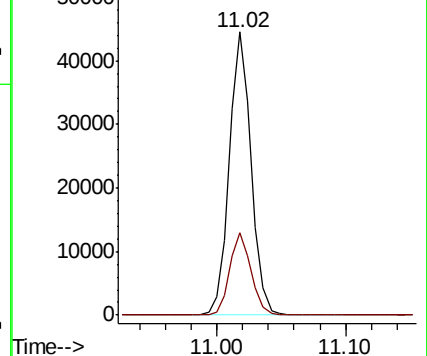
105 100

120 28.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 2.432 ug/l

RT: 10.95 min Scan# 1607

Delta R.T. 0.05 min

Lab File: VX006047.D

Acq: 16 Nov 2018 14:02

Tgt Ion: 43 Resp: 4192

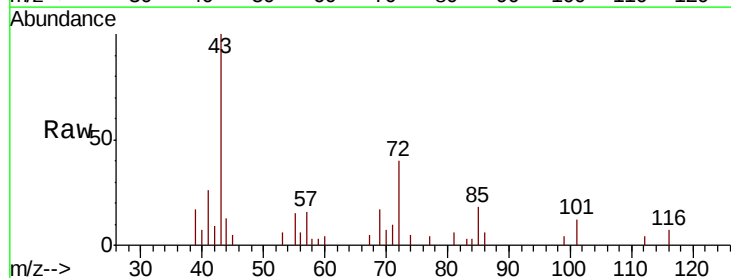
Ion Ratio Lower Upper

43 100

70 0.0 31.6 47.4#

55 11.0 19.7 29.5#

61 3.1 18.3 27.5#

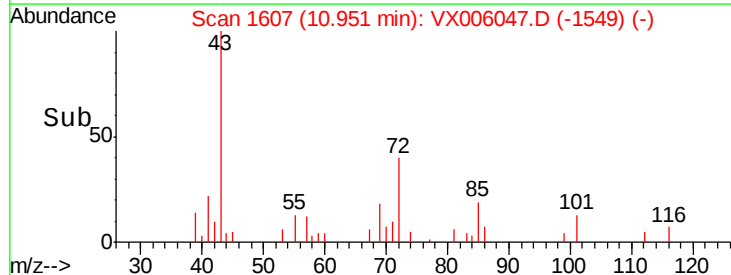
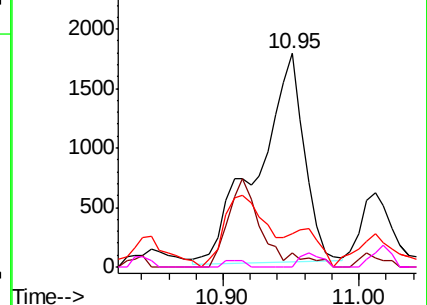


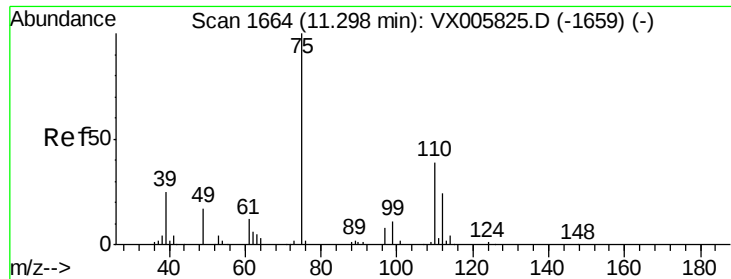
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 20.040 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX006047.D

Acq: 16 Nov 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

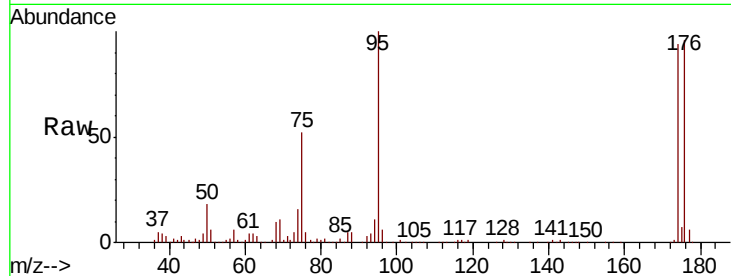
S36-0145

Tot Ion: 75 Resp: 43514

Ion Ratio Lower Upper

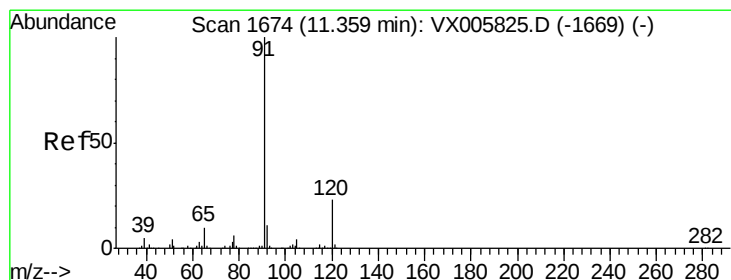
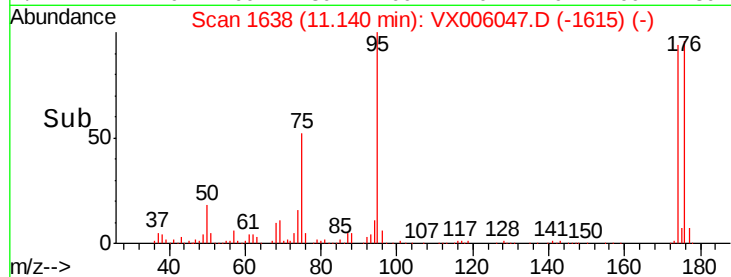
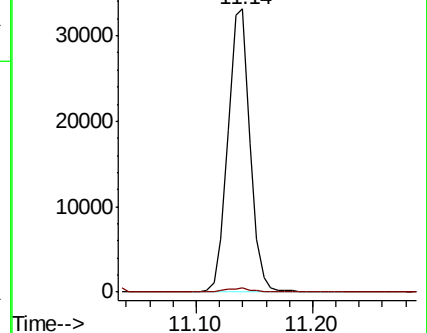
75 100

77 1.7 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 7.439 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006047.D

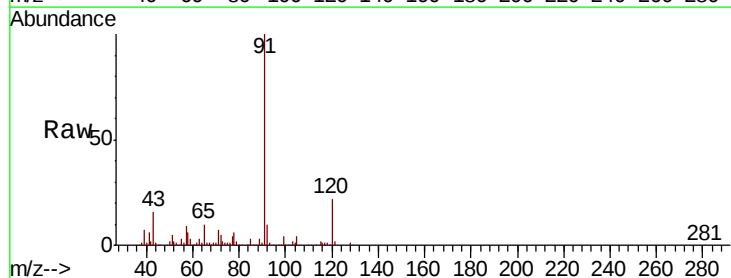
Acq: 16 Nov 2018 14:02

Tgt Ion: 91 Resp: 54063

Ion Ratio Lower Upper

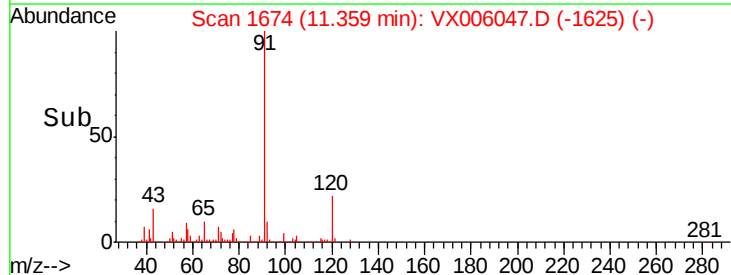
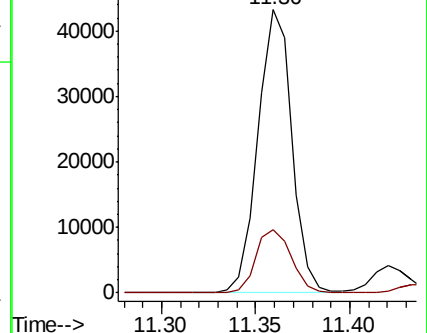
91 100

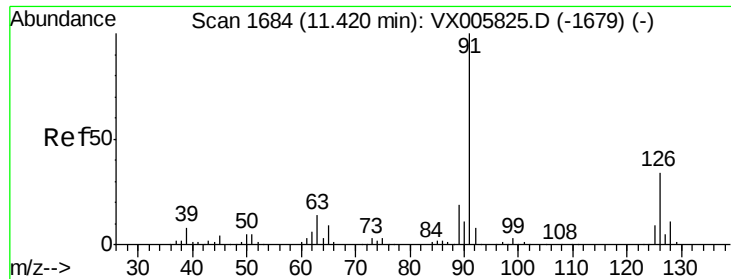
120 23.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

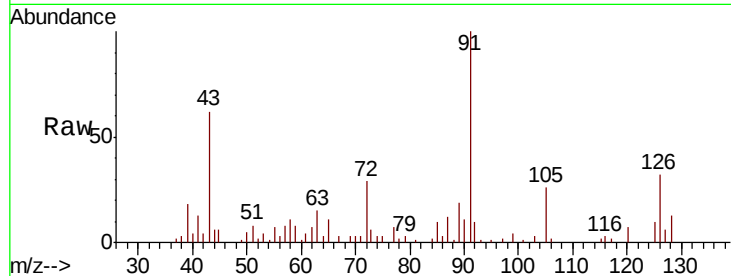




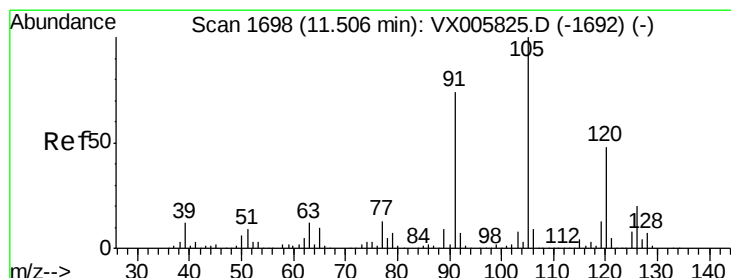
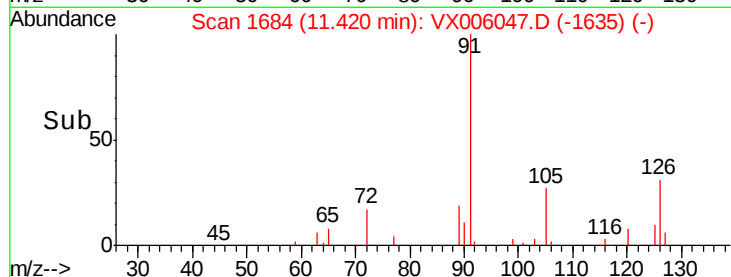
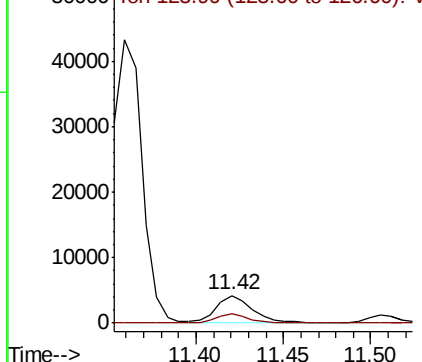
#79
 2-Chlorotoluene
 Concen: 1.431 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX006047.D
 Acq: 16 Nov 2018 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0145

Tot Ion: 91 Resp: 6287
 Ion Ratio Lower Upper
 91 100
 126 28.8 17.3 52.0

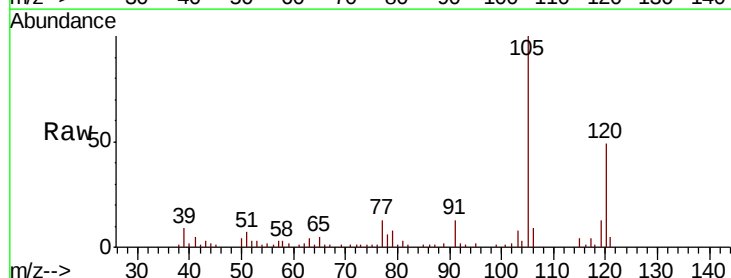


Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1679) (-)
 Ion 125.90 (125.60 to 126.60): VX005825.D (-1679) (-)

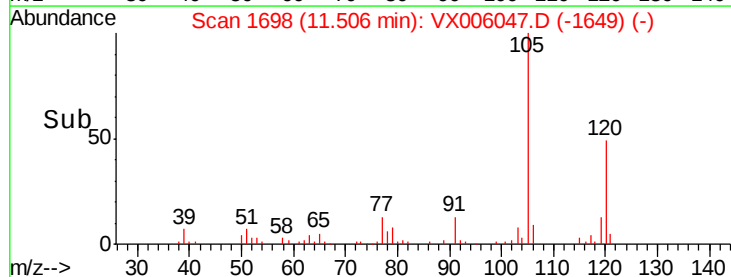
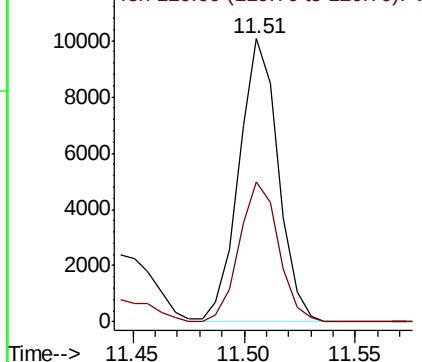


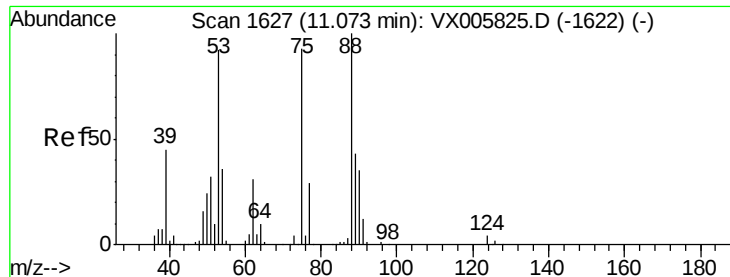
#80
 1,3,5-Trimethylbenzene
 Concen: 2.361 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006047.D
 Acq: 16 Nov 2018 14:02

Tgt Ion: 105 Resp: 12371
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005825.D (-1692) (-)
 Ion 120.00 (119.70 to 120.70): VX005825.D (-1692) (-)

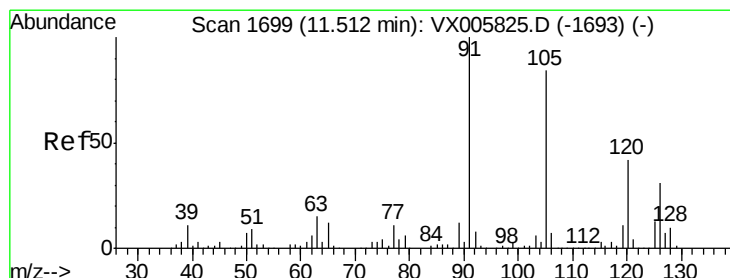
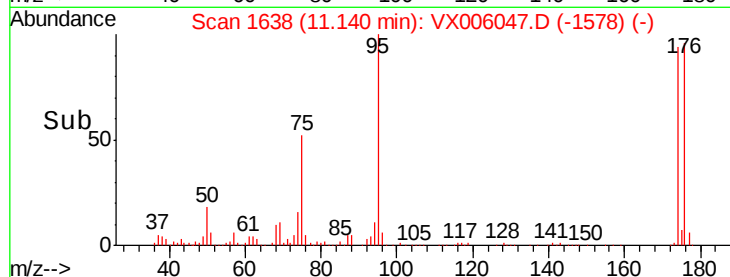
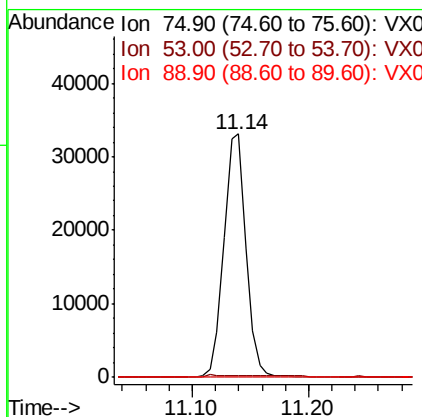
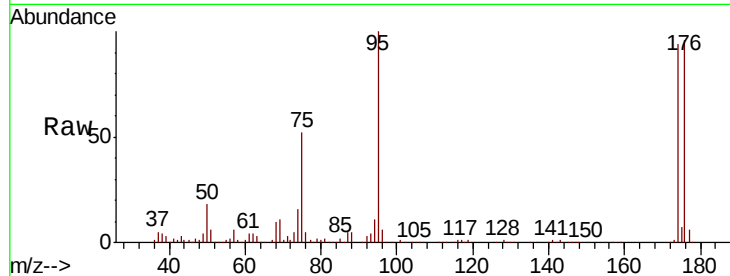




#81
trans-1,4-Dichloro-2-butene
Concen: 63.870 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

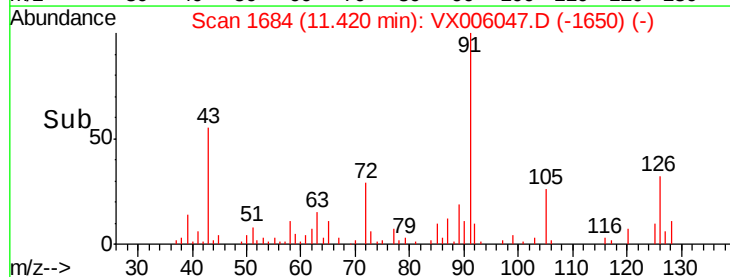
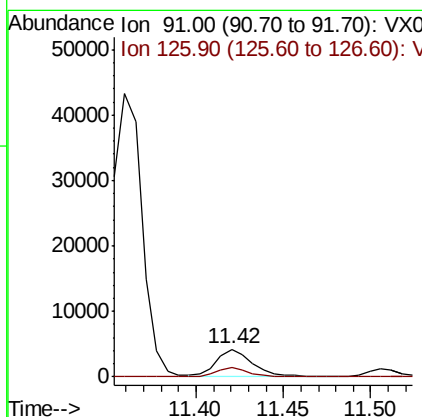
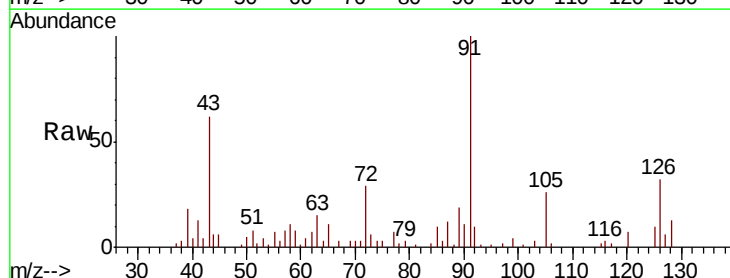
Instrument :
MSVOA_X
ClientSampled :
S36-0145

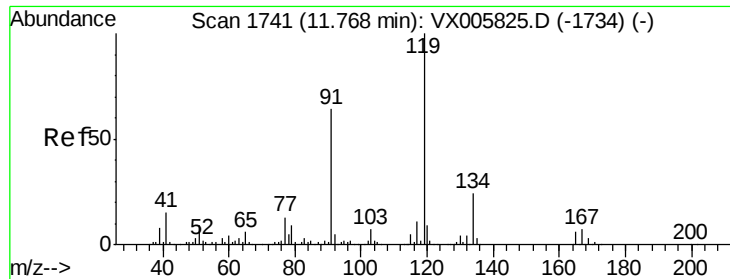
Tot Ion: 75 Resp: 43514
Ion Ratio Lower Upper
75 100
53 0.5 80.2 120.2#
89 0.0 39.8 59.8#



#82
4-Chlorotoluene
Concen: 1.214 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.09 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

Tgt Ion: 91 Resp: 6287
Ion Ratio Lower Upper
91 100
126 28.8 15.2 45.6

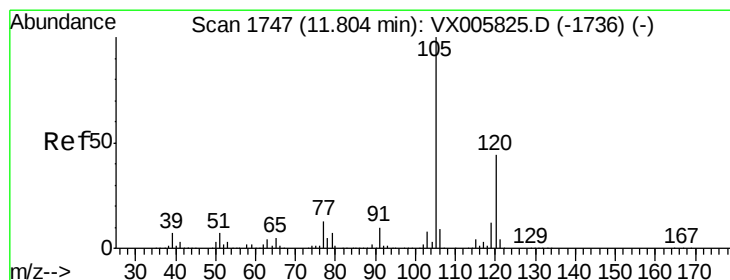
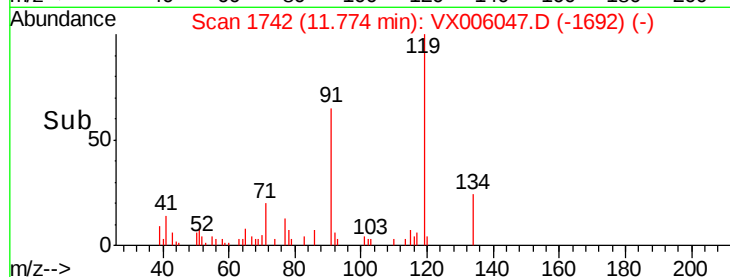
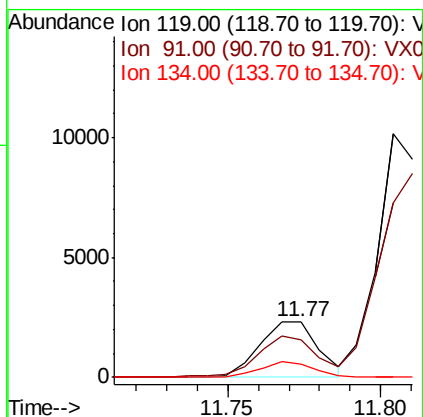
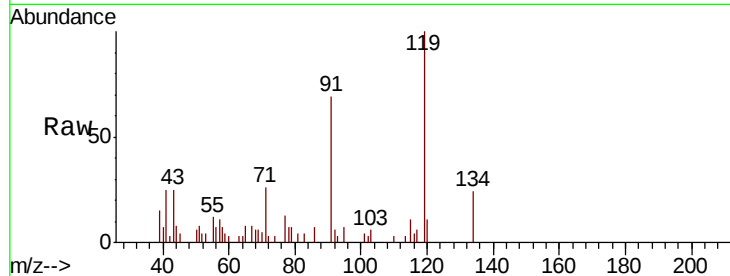




#83
tert-Butylbenzene
Concen: 0.587 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

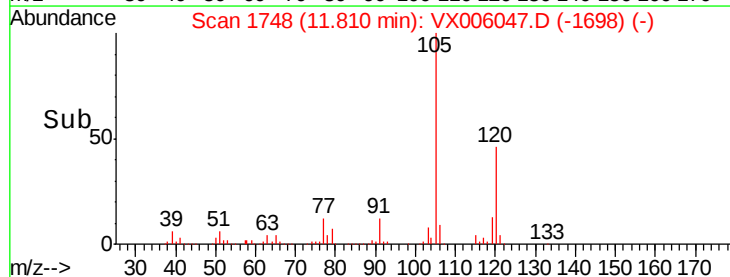
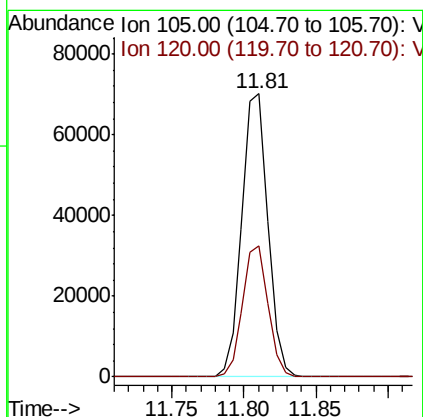
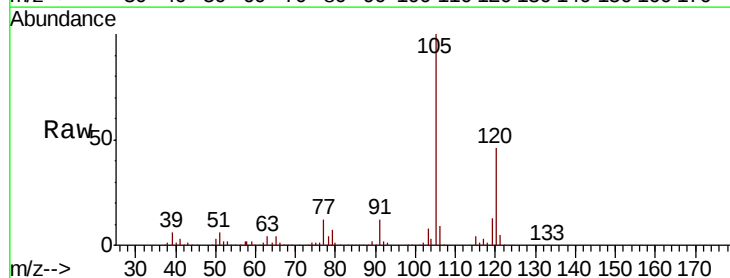
Instrument :
MSVOA_X
ClientSampled :
S36-0145

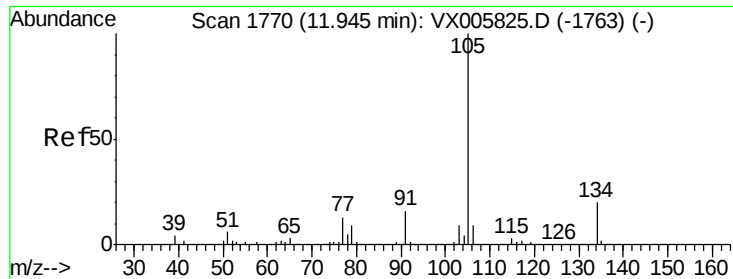
Tot Ion:119 Resp: 3110
Ion Ratio Lower Upper
119 100
91 75.9 28.5 85.5
134 25.0 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 15.198 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

Tgt Ion:105 Resp: 88377
Ion Ratio Lower Upper
105 100
120 45.9 22.4 67.0





#85

sec-Butylbenzene

Concen: 2.026 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006047.D

Acq: 16 Nov 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

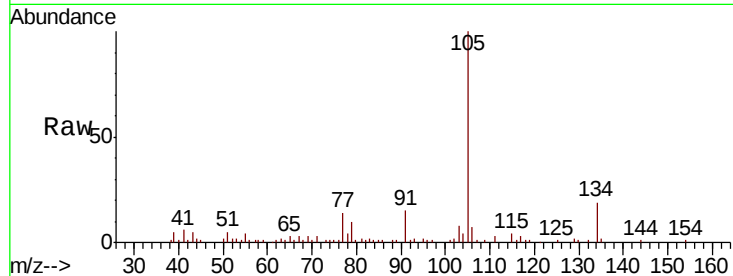
S36-0145

Tot Ion:105 Resp: 13137

Ion Ratio Lower Upper

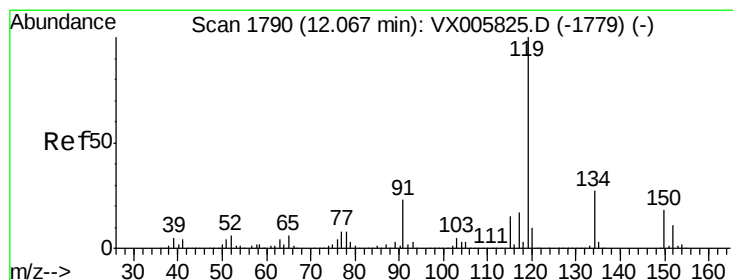
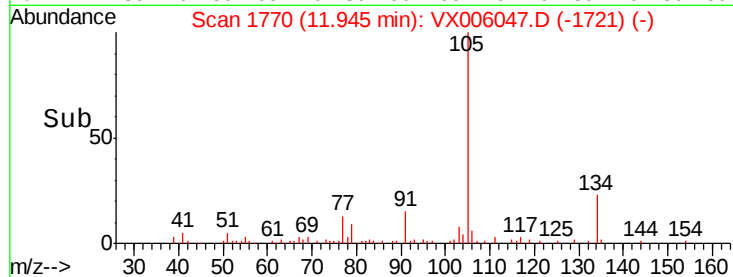
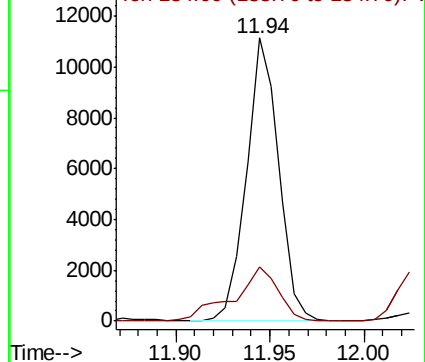
105 100

134 27.0 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.402 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.04 min

Lab File: VX006047.D

Acq: 16 Nov 2018 14:02

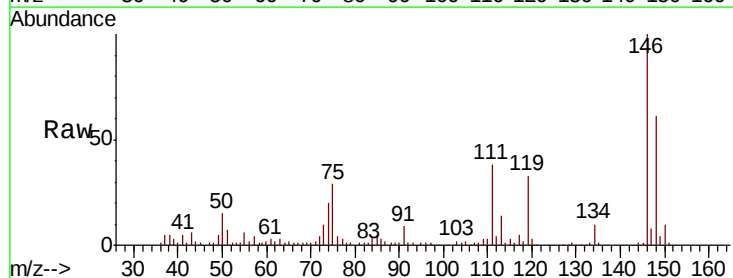
Tgt Ion:119 Resp: 8053

Ion Ratio Lower Upper

119 100

134 28.8 13.0 39.0

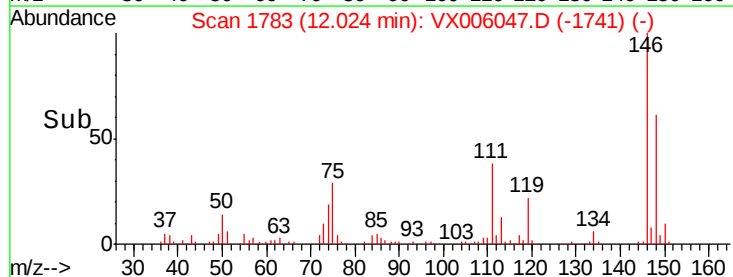
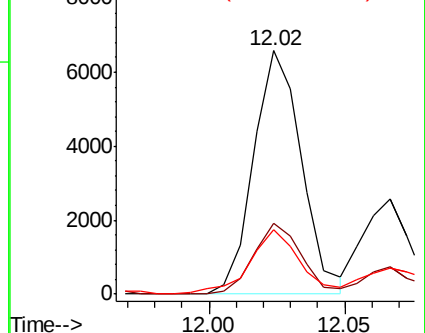
91 27.5 11.4 34.2

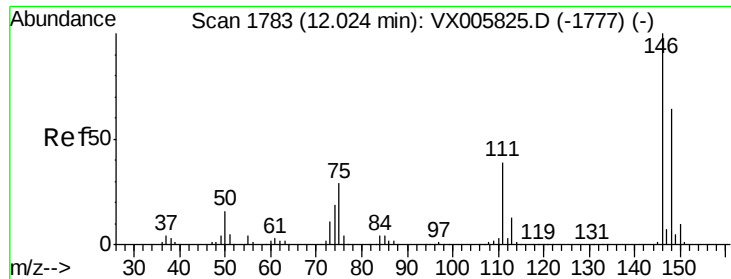


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

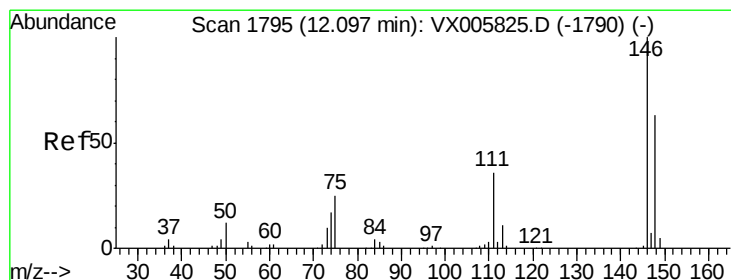
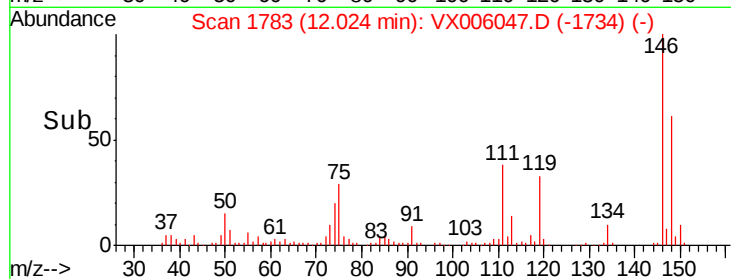
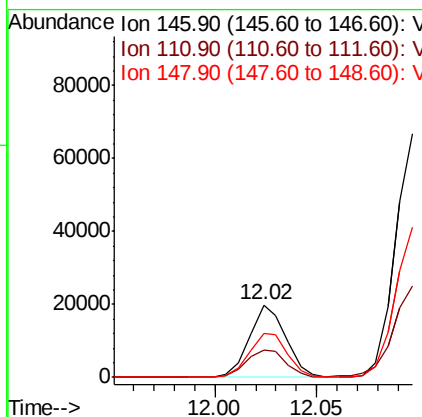
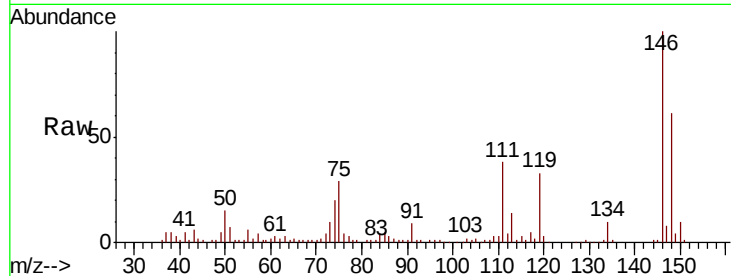




#87
 1,3-Dichlorobenzene
 Concen: 7.327 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006047.D
 Acq: 16 Nov 2018 14:02

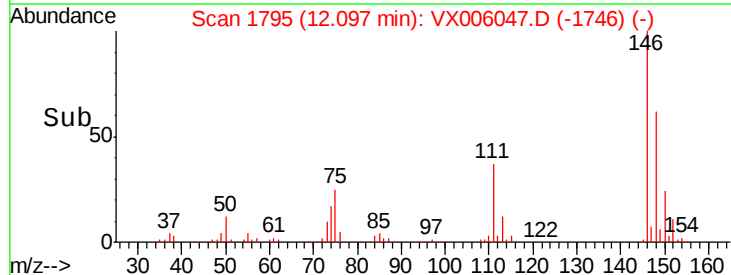
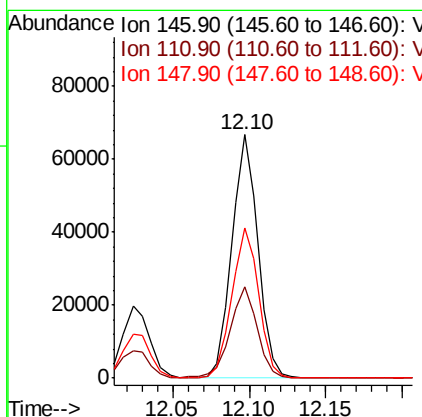
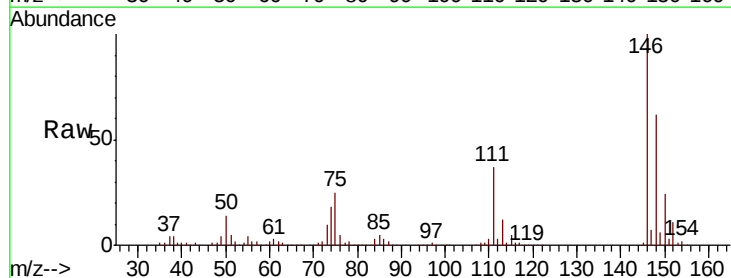
Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0145

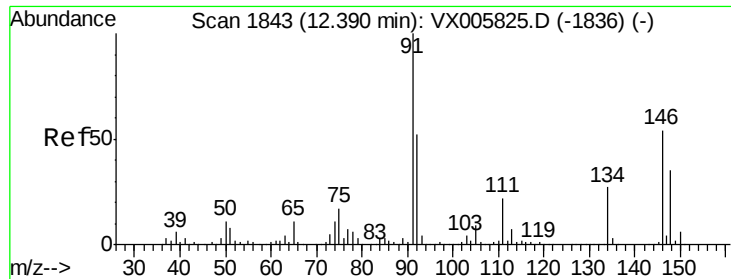
Tot Ion:146 Resp: 24443
 Ion Ratio Lower Upper
 146 100
 111 42.2 19.0 57.0
 148 64.8 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 23.044 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006047.D
 Acq: 16 Nov 2018 14:02

Tgt Ion:146 Resp: 78690
 Ion Ratio Lower Upper
 146 100
 111 39.5 18.6 55.8
 148 63.8 32.1 96.3





#89

n-Butylbenzene

Concen: 0.450 ug/l

RT: 12.38 min Scan# 1841

Delta R.T. -0.01 min

Lab File: VX006047.D

Acq: 16 Nov 2018 14:02

Instrument :

MSVOA_X

ClientSampled :

S36-0145

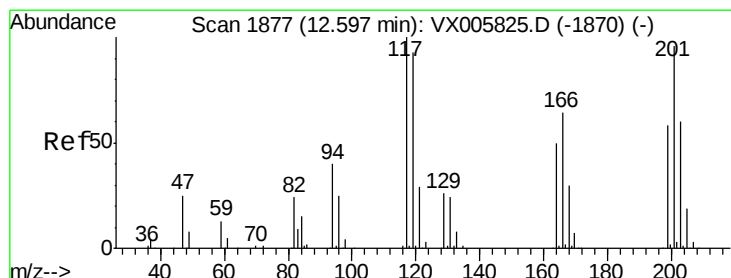
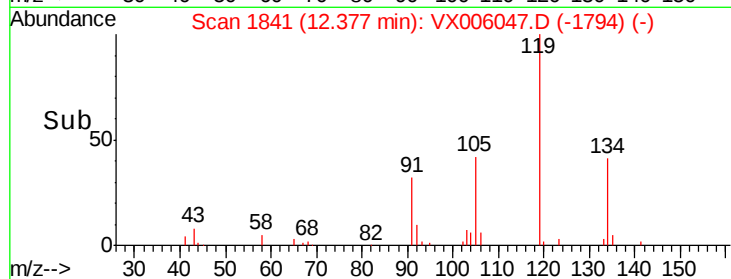
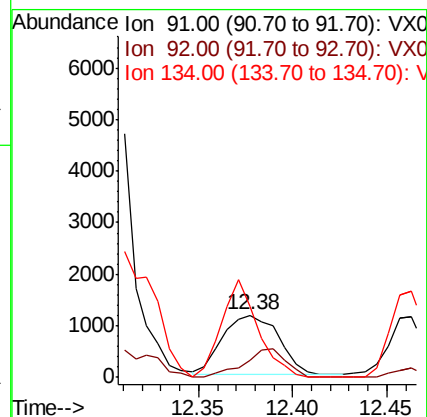
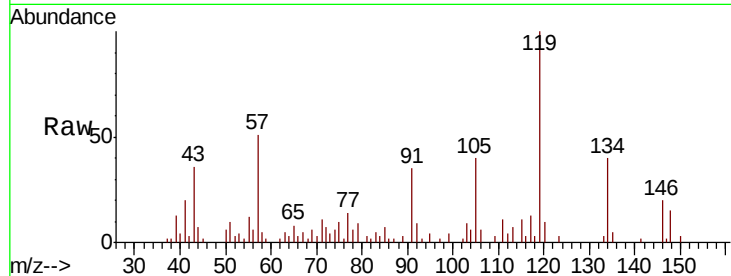
Tot Ion: 91 Resp: 2396

Ion Ratio Lower Upper

91 100

92 35.3 26.1 78.2

134 106.4 13.1 39.3#



#90

Hexachloroethane

Concen: 9.478 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX006047.D

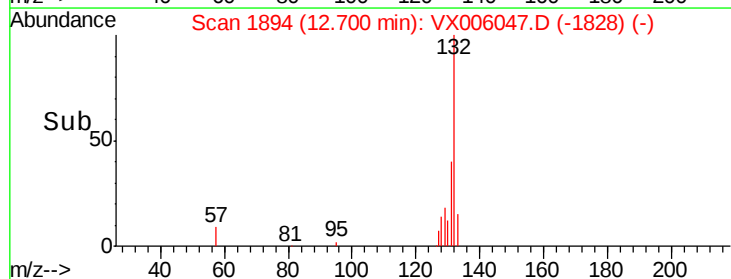
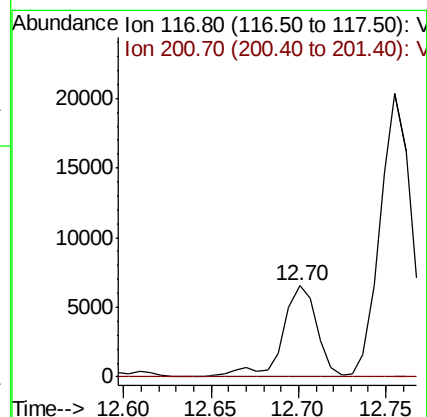
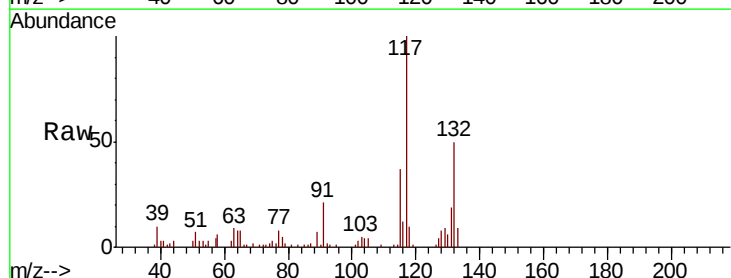
Acq: 16 Nov 2018 14:02

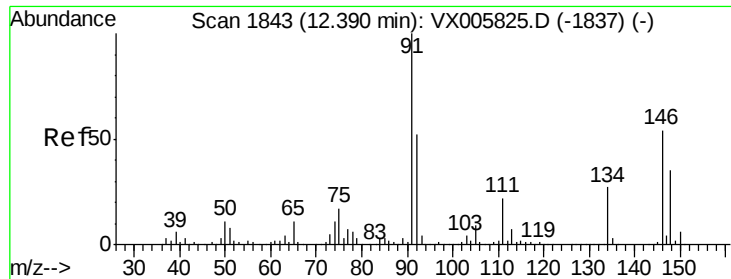
Tgt Ion: 117 Resp: 9087

Ion Ratio Lower Upper

117 100

201 0.0 47.9 143.6#

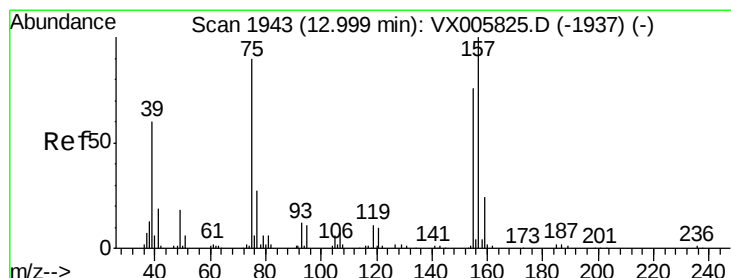
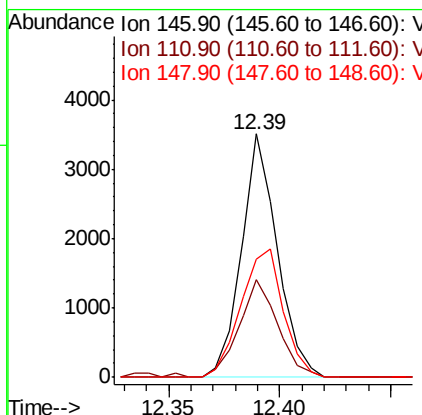
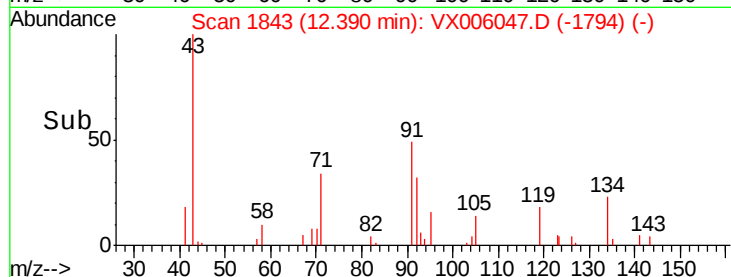
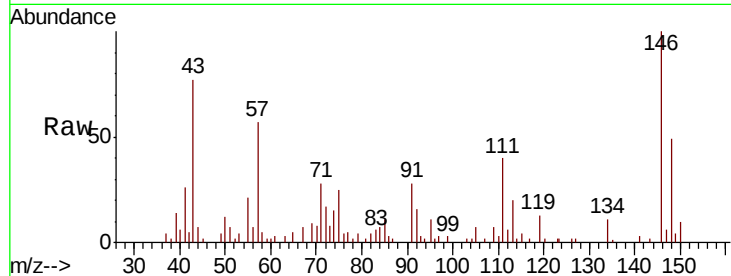




#91
 1,2-Dichlorobenzene
 Concen: 1.174 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006047.D
 Acq: 16 Nov 2018 14:02

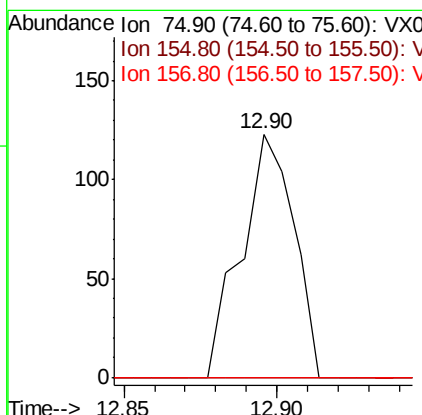
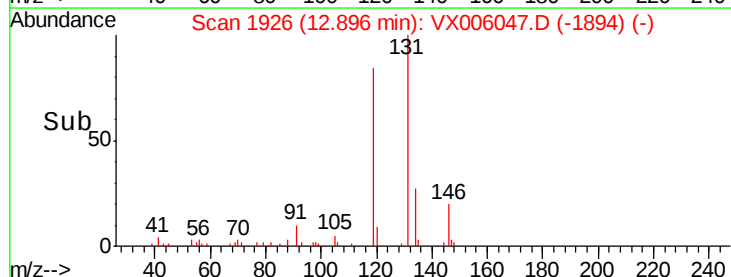
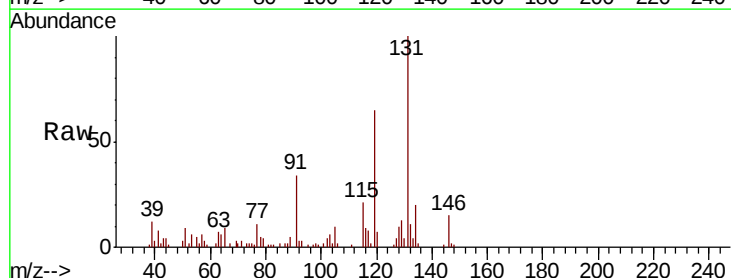
Instrument :
 MSVOA_X
 ClientSampled :
 S36-0145

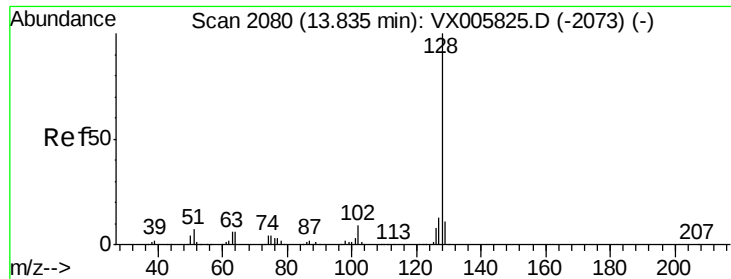
Tot Ion:146 Resp: 3923
 Ion Ratio Lower Upper
 146 100
 111 43.3 20.0 59.9
 148 62.6 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.266 ug/l
 RT: 12.90 min Scan# 1926
 Delta R.T. -0.10 min
 Lab File: VX006047.D
 Acq: 16 Nov 2018 14:02

Tgt Ion: 75 Resp: 147
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.4 136.1#
 157 0.0 57.4 172.0#





#95
Naphthalene
Concen: 15.793 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006047.D
Acq: 16 Nov 2018 14:02

Instrument :
MSVOA_X
ClientSampleId :
S36-0145

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.6	8.7	13.1

