

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005287.D
 Acq On : 12 Oct 2018 11:27
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101218

Quant Time: Oct 12 17:05:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	283304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	393387	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210163	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	152448	48.48	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	5.50	113	121011	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
50) Toluene-d8	8.71	98	460706	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.14	95	173748	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	116659	52.67	ug/l	97
3) Chloromethane	1.32	50	152040	47.37	ug/l	98
4) Vinyl Chloride	1.40	62	158091	48.62	ug/l	99
5) Bromomethane	1.64	94	98845	53.78	ug/l	98
6) Chloroethane	1.71	64	94868	49.34	ug/l	98
7) Trichlorofluoromethane	1.92	101	218777	50.42	ug/l	96
8) Diethyl Ether	2.19	74	89846	48.49	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	129359	51.65	ug/l	97
10) Methyl Iodide	2.51	142	113601	41.80	ug/l	98
11) Tert butyl alcohol	3.09	59	222027	250.33	ug/l	99
12) 1,1-Dichloroethene	2.37	96	121349	48.91	ug/l	95
13) Acrolein	2.29	56	141420	249.87	ug/l	96
14) Allyl chloride	2.72	41	271254	49.79	ug/l	95
15) Acrylonitrile	3.15	53	481264	239.45	ug/l	96
16) Acetone	2.45	43	455635	250.63	ug/l	96
17) Carbon Disulfide	2.56	76	377188	50.18	ug/l	100
18) Methyl Acetate	2.78	43	245471	47.46	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	433367	49.59	ug/l	96
20) Methylene Chloride	2.85	84	138389	52.30	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	131249	47.73	ug/l	97
22) Diisopropyl ether	3.87	45	424084	46.35	ug/l	97
23) Vinyl Acetate	3.82	43	1910888	238.94	ug/l	96
24) 1,1-Dichloroethane	3.69	63	249550	47.59	ug/l	97
25) 2-Butanone	4.70	43	643439	241.90	ug/l	95
26) 2,2-Dichloropropane	4.58	77	191576	48.85	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	137413	45.98	ug/l	94
28) Bromochloromethane	5.01	49	108614	45.43	ug/l	93
29) Tetrahydrofuran	5.16	42	402322	237.12	ug/l	93
30) Chloroform	5.21	83	229666	47.18	ug/l	99
31) Cyclohexane	5.57	56	213425	49.38	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	200824	47.42	ug/l	99
36) 1,1-Dichloropropene	5.79	75	196452	51.56	ug/l	98
37) Ethyl Acetate	4.85	43	241852	49.36	ug/l	97
38) Carbon Tetrachloride	5.77	117	190696	49.81	ug/l	89

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	223798	54.27	ug/l	88
40) Benzene	6.14	78	555549	48.61	ug/l	99
41) Methacrylonitrile	5.06	41	123371	46.97	ug/l	97
42) 1,2-Dichloroethane	6.20	62	188789	46.78	ug/l	97
43) Isopropyl Acetate	6.46	43	345337	52.91	ug/l	96
44) Trichloroethene	7.21	130	144784	49.61	ug/l	94
45) 1,2-Dichloropropane	7.52	63	138747	49.49	ug/l	99
46) Dibromomethane	7.66	93	90690	49.01	ug/l	99
47) Bromodichloromethane	7.90	83	172045	50.27	ug/l	99
48) Methyl methacrylate	7.77	41	178931	52.86	ug/l	95
49) 1,4-Dioxane	7.76	88	83213	1065.77	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1187813	262.83	ug/l	96
52) Toluene	8.79	92	331570	53.03	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	202525	54.68	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	216990	54.07	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	134825	50.91	ug/l	97
56) Ethyl methacrylate	9.18	69	213850	55.39	ug/l	95
57) 1,3-Dichloropropane	9.37	76	224791	50.85	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	585923	270.61	ug/l	95
59) 2-Hexanone	9.50	43	961587	264.51	ug/l	94
60) Dibromochloromethane	9.59	129	143463	52.41	ug/l	99
61) 1,2-Dibromoethane	9.67	107	140338	50.49	ug/l	100
64) Tetrachloroethene	9.34	164	141711	48.12	ug/l	98
65) Chlorobenzene	10.14	112	376855	48.43	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	135362	48.81	ug/l	99
67) Ethyl Benzene	10.25	91	647014	51.15	ug/l	96
68) m/p-Xylenes	10.36	106	504078	102.66	ug/l	95
69) o-Xylene	10.70	106	238608	50.39	ug/l	95
70) Styrene	10.71	104	404945	51.99	ug/l	97
71) Bromoform	10.86	173	122452	49.42	ug/l	99
73) Isopropylbenzene	11.02	105	656638	52.56	ug/l	100
74) N-amyl acetate	10.90	43	317170	52.63	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	224055	47.54	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	265546	65.14	ug/l	88
77) Bromobenzene	11.26	156	176916	49.53	ug/l	99
78) n-propylbenzene	11.36	91	766284	53.30	ug/l	100
79) 2-Chlorotoluene	11.42	91	449333	51.03	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	568597	53.15	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	69121	51.52	ug/l	96
82) 4-Chlorotoluene	11.51	91	537477	51.49	ug/l	100
83) tert-Butylbenzene	11.77	119	566895	52.33	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	584770	53.11	ug/l	98
85) sec-Butylbenzene	11.95	105	681357	53.14	ug/l	99
86) p-Isopropyltoluene	12.07	119	628737	54.26	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	335128	50.21	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	340361	49.84	ug/l	100
89) n-Butylbenzene	12.39	91	571190	54.29	ug/l	97
90) Hexachloroethane	12.60	117	98513	49.33	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	334374	49.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55084	47.91	ug/l	98

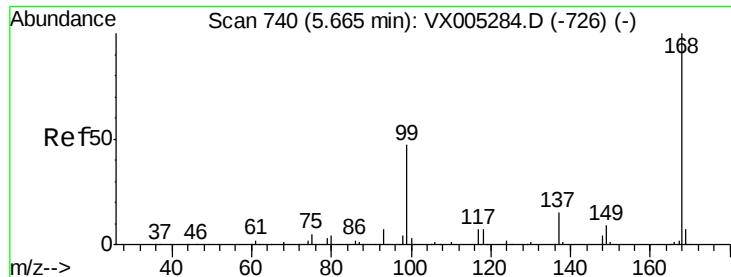
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Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	265094	53.04	ug/l	99
94) Hexachlorobutadiene	13.79	225	136238	51.61	ug/l	97
95) Naphthalene	13.83	128	791154	54.59	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	265957	52.01	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

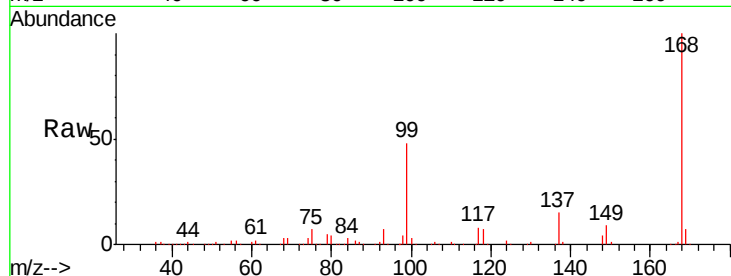
ICVVX101218

Tgt Ion:168 Resp: 283304

Ion Ratio Lower Upper

168 100

99 48.0 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

100000

80000

60000

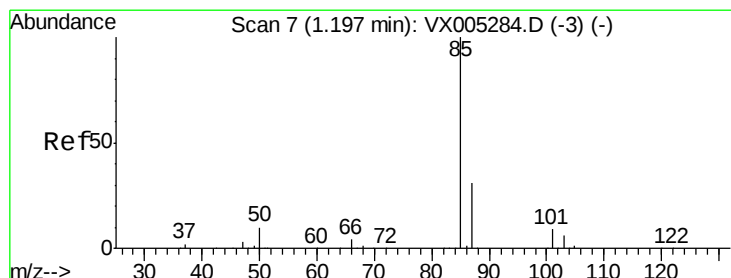
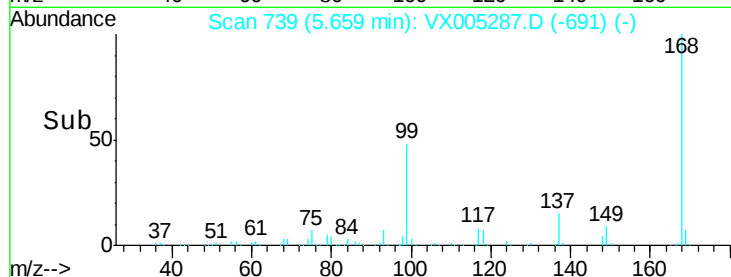
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 52.67 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005287.D

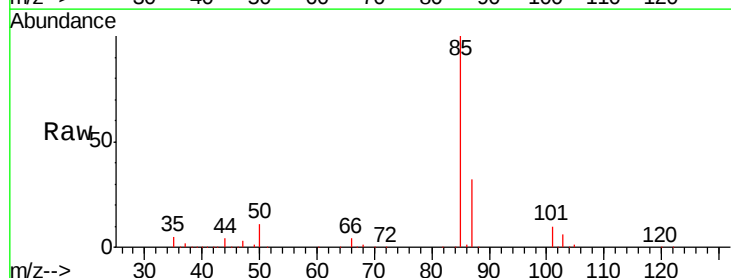
Acq: 12 Oct 2018 11:27

Tgt Ion: 85 Resp: 116659

Ion Ratio Lower Upper

85 100

87 32.3 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

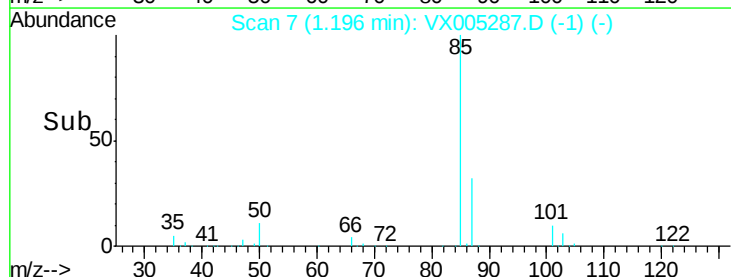
40000

20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 47.37 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

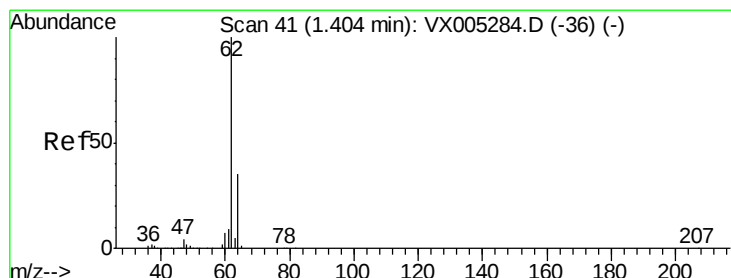
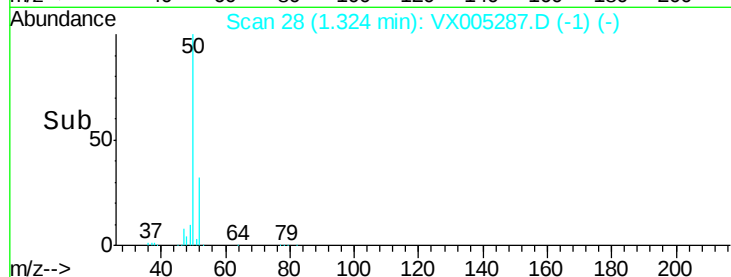
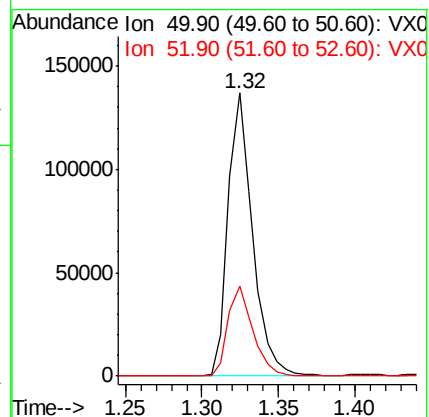
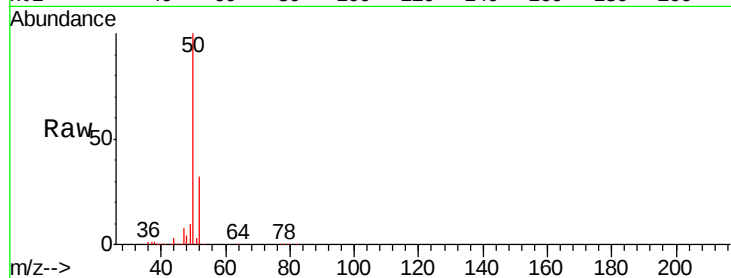
ICVVX101218

Tgt Ion: 50 Resp: 152040

Ion Ratio Lower Upper

50 100

52 31.8 26.2 39.2



#4

Vinyl Chloride

Concen: 48.62 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005287.D

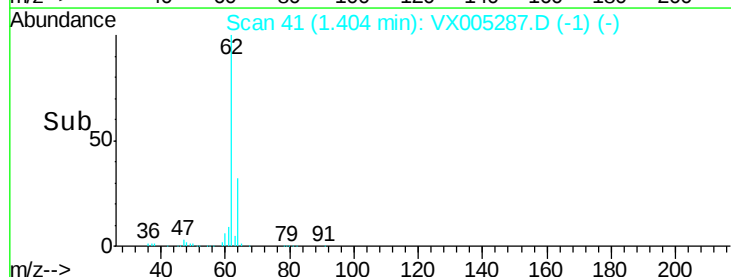
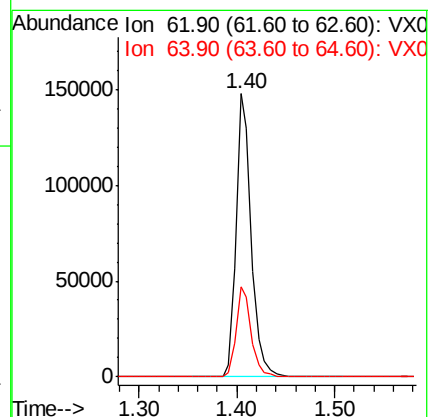
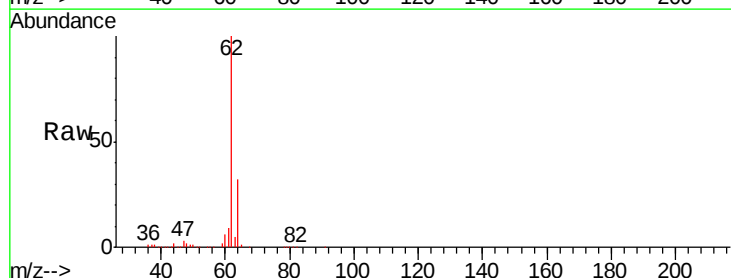
Acq: 12 Oct 2018 11:27

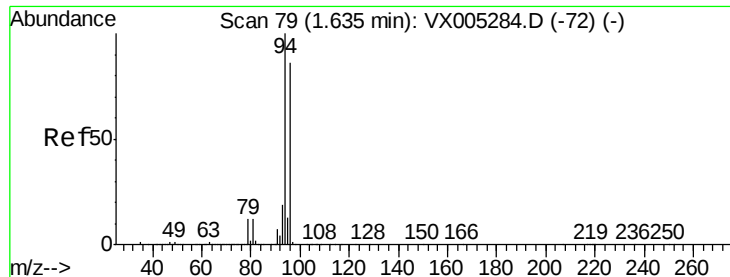
Tgt Ion: 62 Resp: 158091

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.8





#5

Bromomethane

Concen: 53.78 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

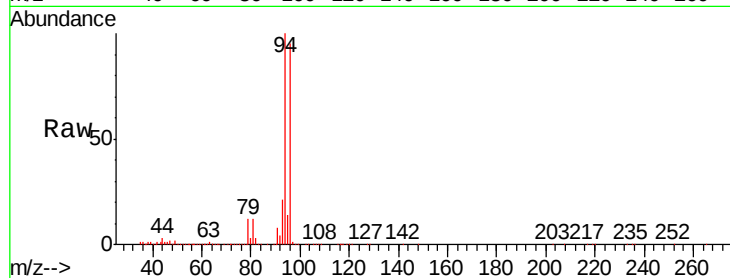
ICVVX101218

Tgt Ion: 94 Resp: 98845

Ion Ratio Lower Upper

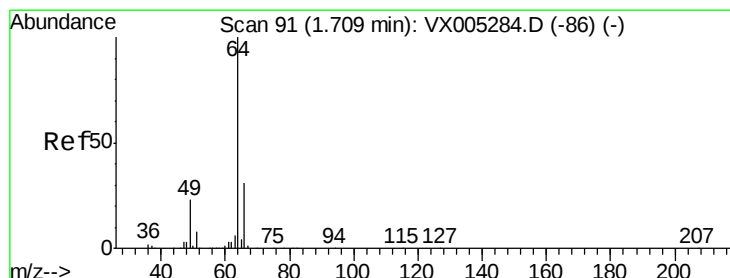
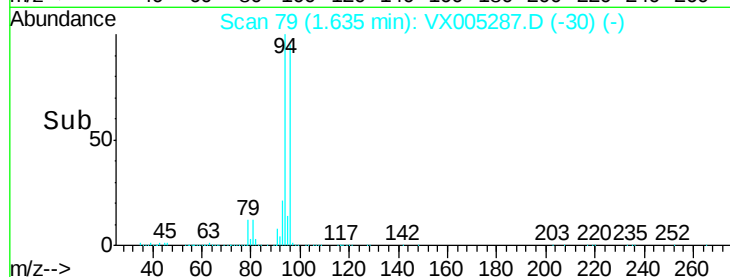
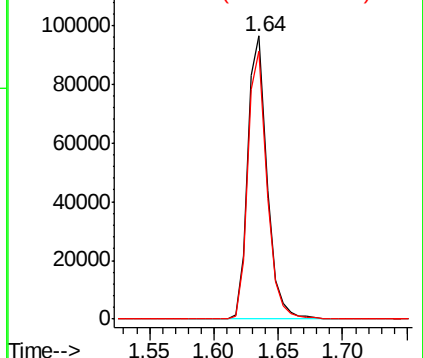
94 100

96 94.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.34 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX005287.D

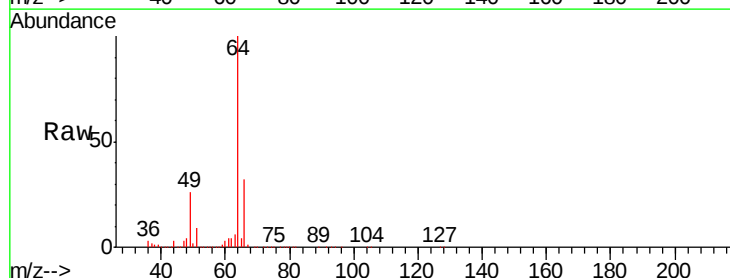
Acq: 12 Oct 2018 11:27

Tgt Ion: 64 Resp: 94868

Ion Ratio Lower Upper

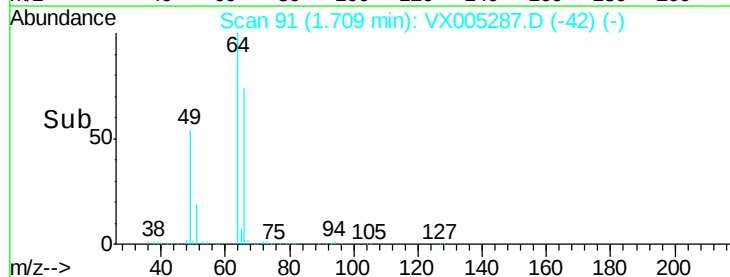
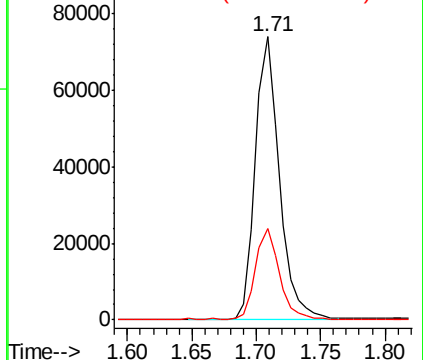
64 100

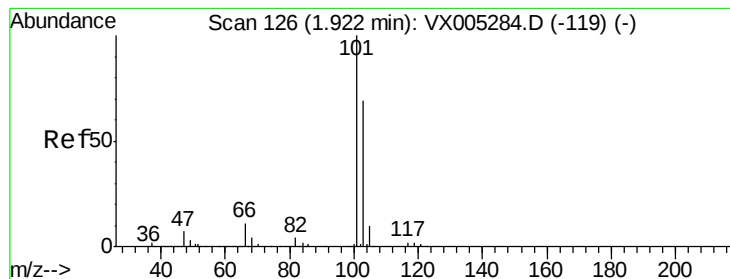
66 32.0 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



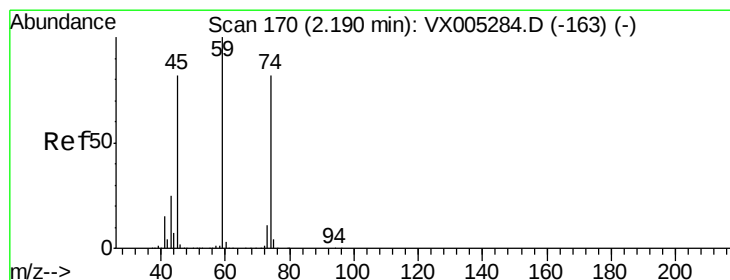
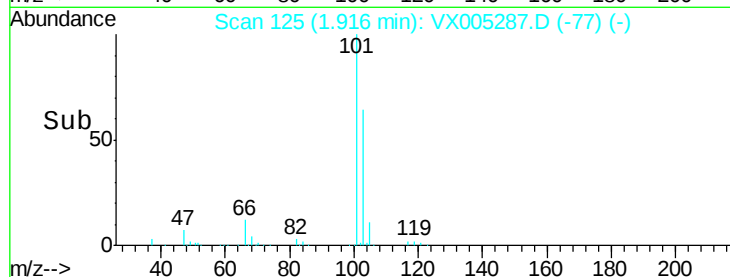
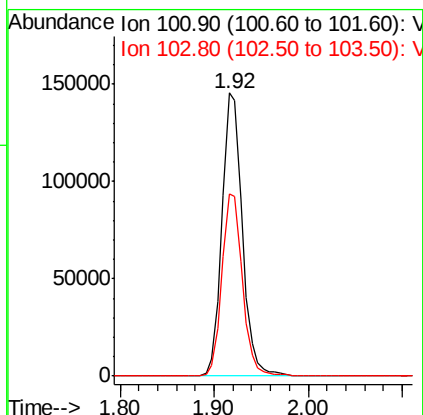
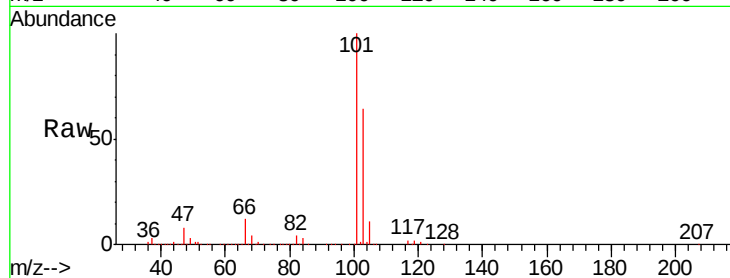


#7

Trichlorofluoromethane
 Concen: 50.42 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

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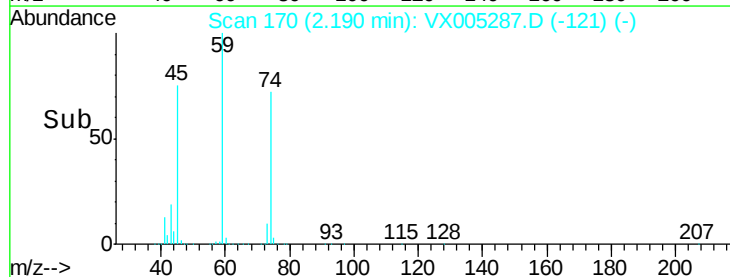
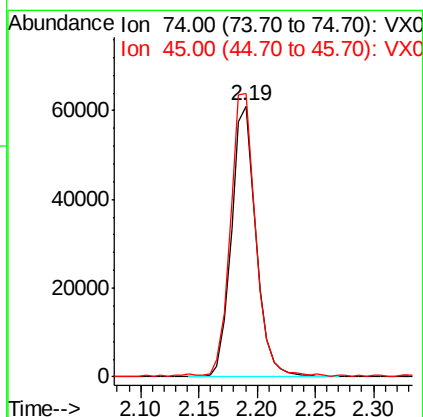
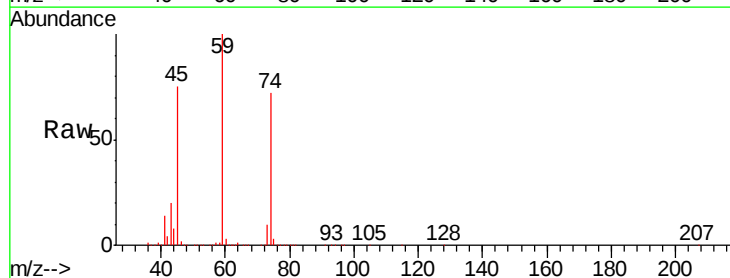
Tgt Ion:101 Resp: 218777
 Ion Ratio Lower Upper
 101 100
 103 64.3 48.9 73.3

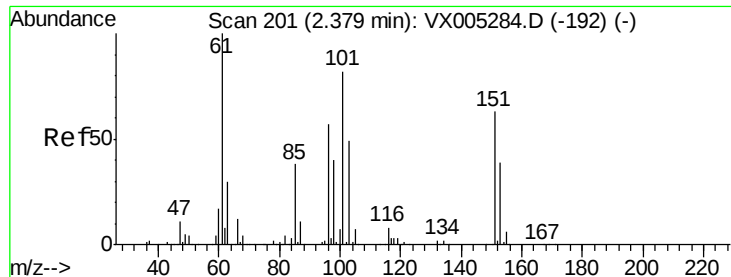


#8

Diethyl Ether
 Concen: 48.49 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

Tgt Ion: 74 Resp: 89846
 Ion Ratio Lower Upper
 74 100
 45 106.2 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.65 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101218

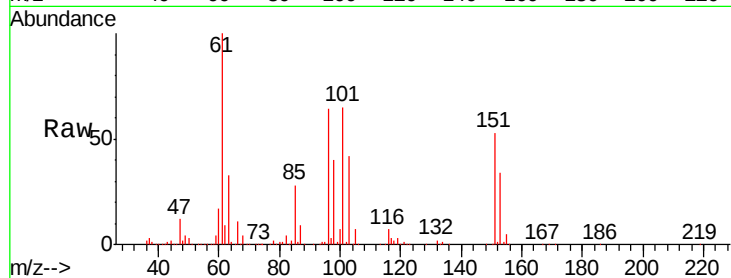
Tgt Ion:101 Resp: 129359

Ion Ratio Lower Upper

101 100

85 43.5 34.2 51.4

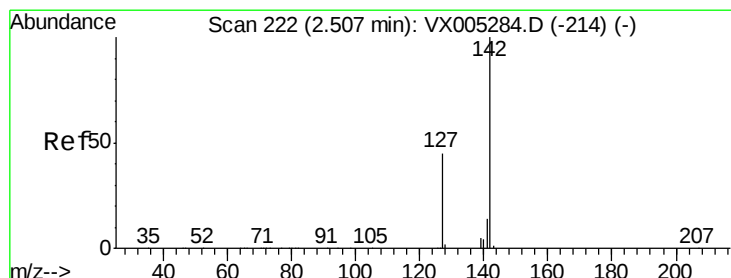
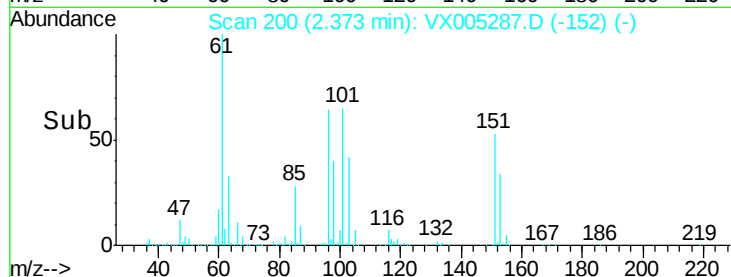
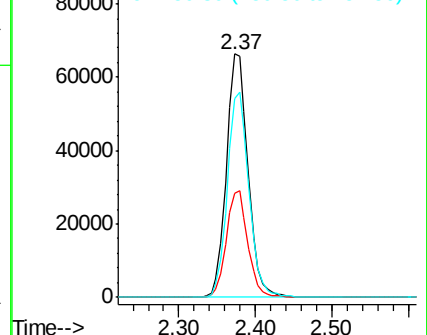
151 84.2 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.80 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

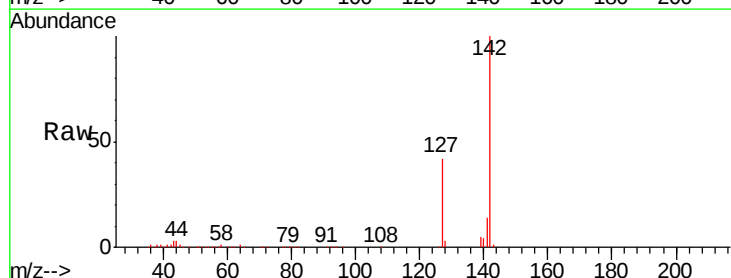
Tgt Ion:142 Resp: 113601

Ion Ratio Lower Upper

142 100

127 44.1 33.8 50.6

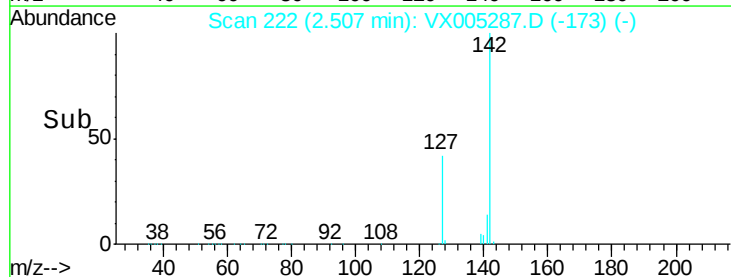
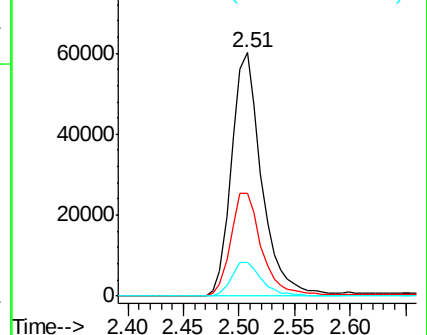
141 14.3 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



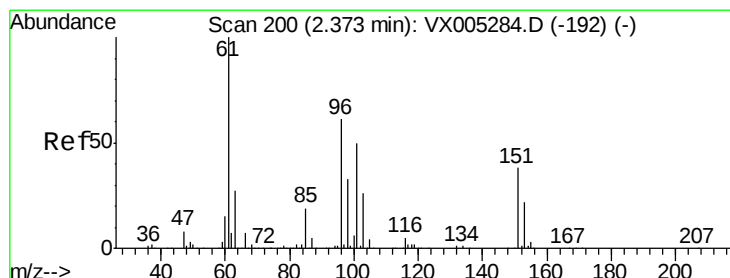
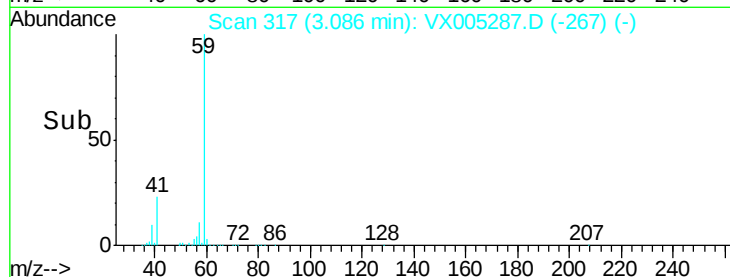
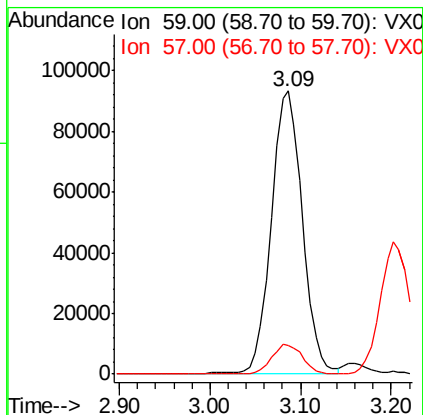
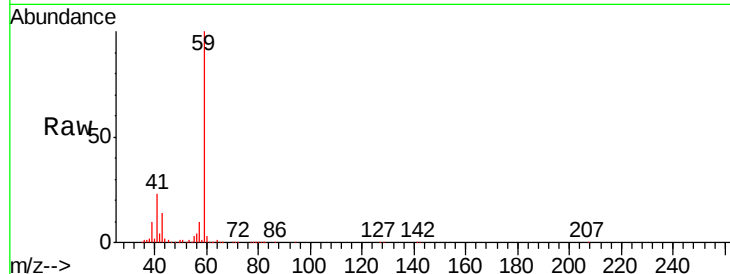


#11

Tert butyl alcohol
Concen: 250.33 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101218

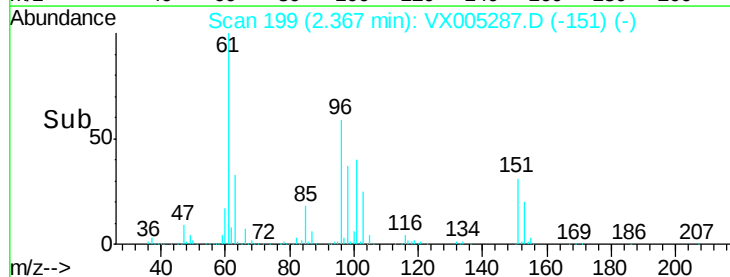
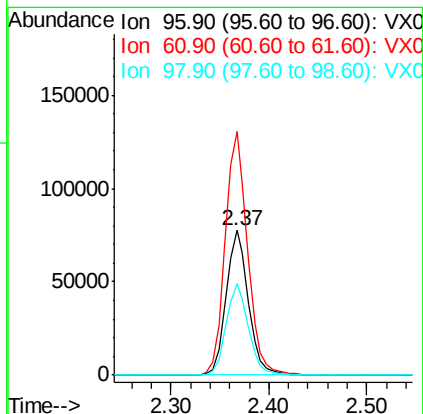
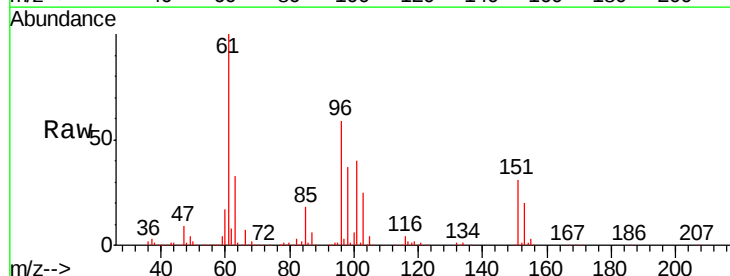
Tgt Ion: 59 Resp: 222027
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

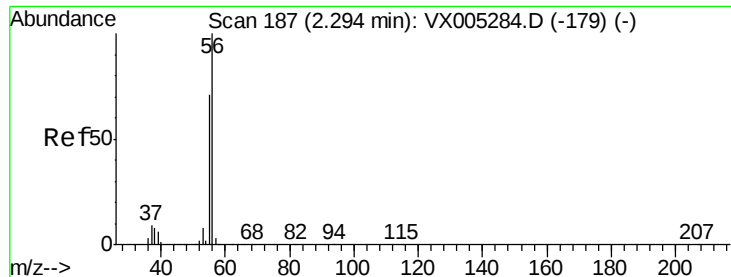


#12

1,1-Dichloroethene
Concen: 48.91 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Tgt Ion: 96 Resp: 121349
Ion Ratio Lower Upper
96 100
61 168.4 128.8 193.2
98 62.8 52.2 78.2





#13

Acrolein

Concen: 249.87 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampled :

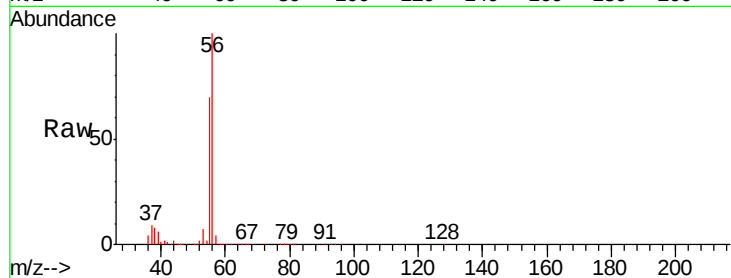
ICVVX101218

Tgt Ion: 56 Resp: 141420

Ion Ratio Lower Upper

56 100

55 71.4 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

100000

80000

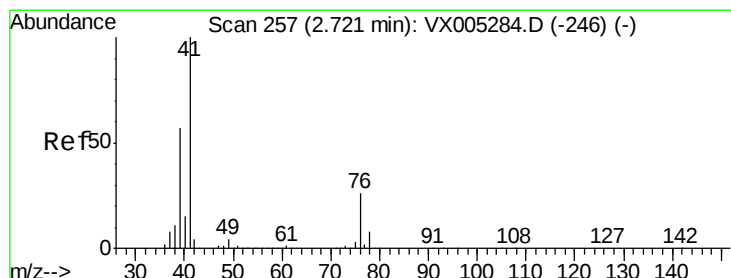
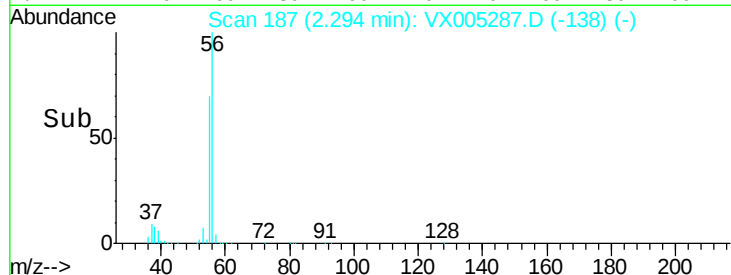
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 49.79 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

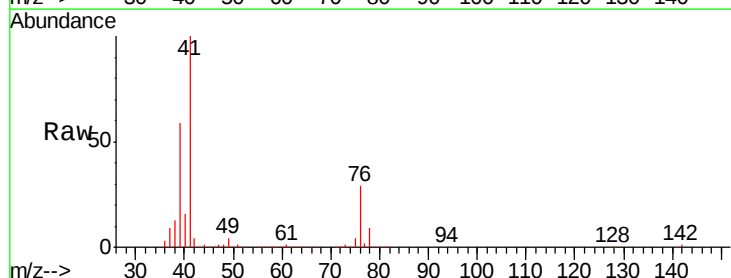
Tgt Ion: 41 Resp: 271254

Ion Ratio Lower Upper

41 100

39 59.1 48.9 73.3

76 28.6 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

200000

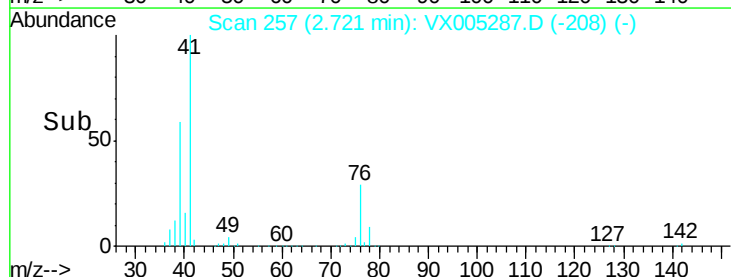
150000

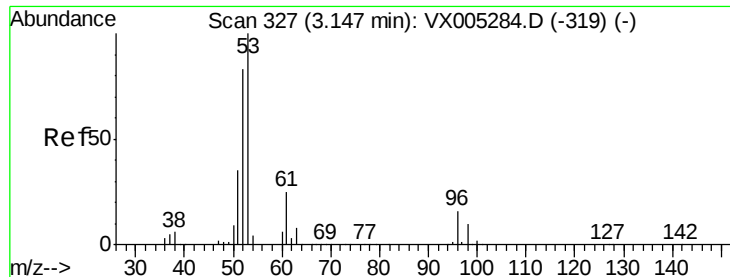
100000

50000

0

Time-->

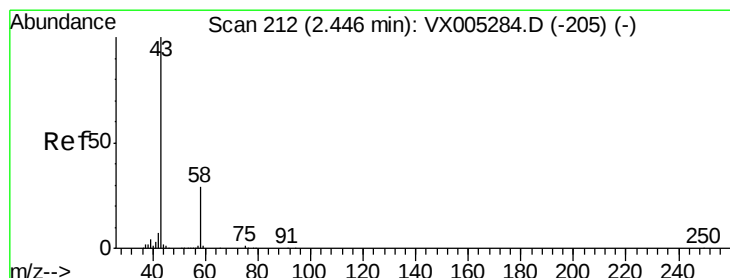
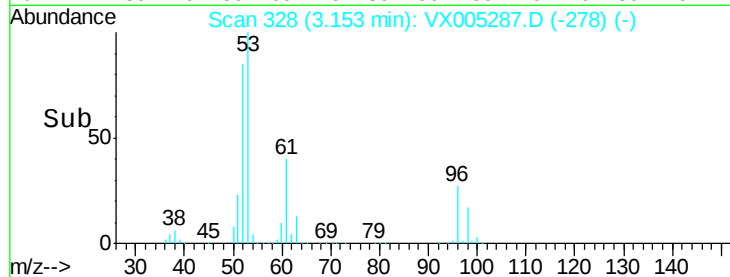
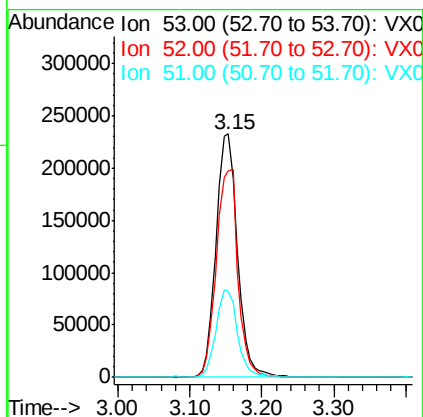
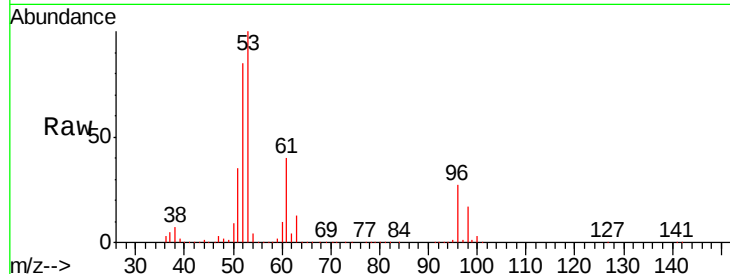




#15
 Acrylonitrile
 Concen: 239.45 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.01 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

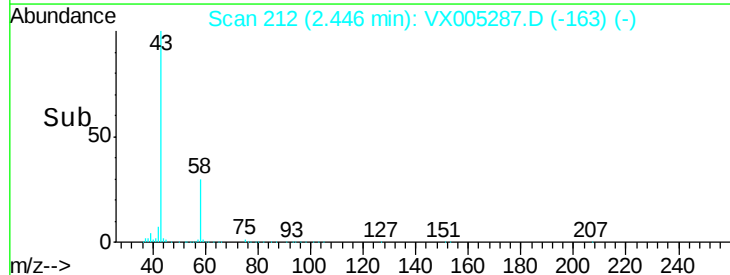
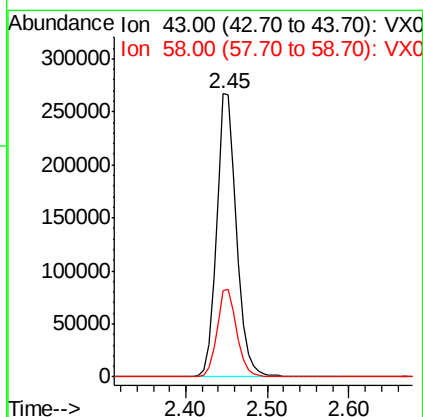
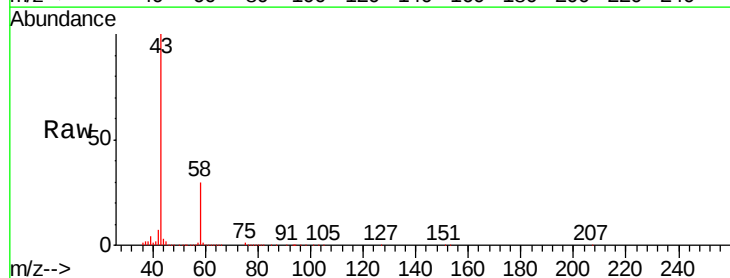
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101218

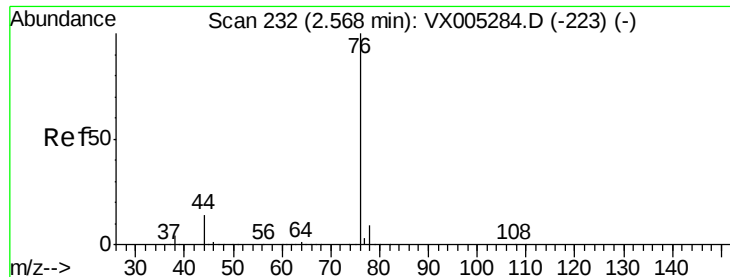
Tgt Ion: 53 Resp: 481264
 Ion Ratio Lower Upper
 53 100
 52 86.2 65.2 97.8
 51 36.2 28.2 42.2



#16
 Acetone
 Concen: 250.63 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

Tgt Ion: 43 Resp: 455635
 Ion Ratio Lower Upper
 43 100
 58 30.4 26.2 39.4

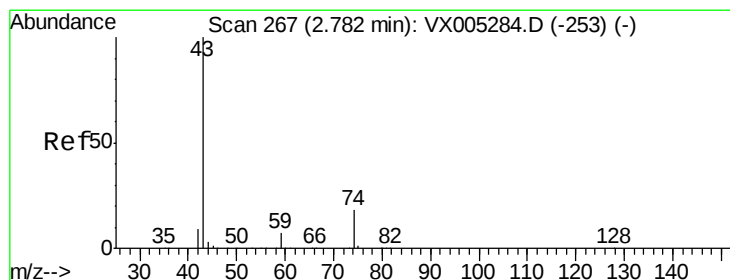
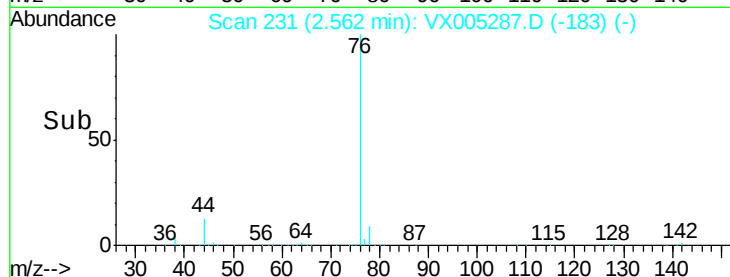
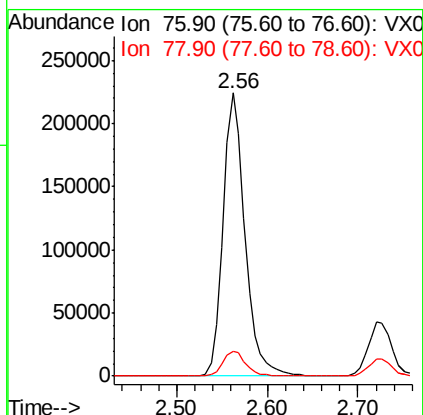
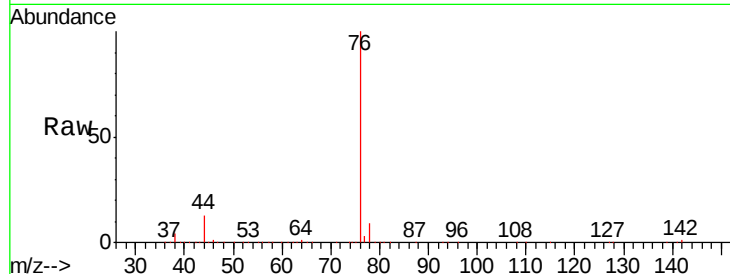




#17
Carbon Disulfide
Concen: 50.18 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

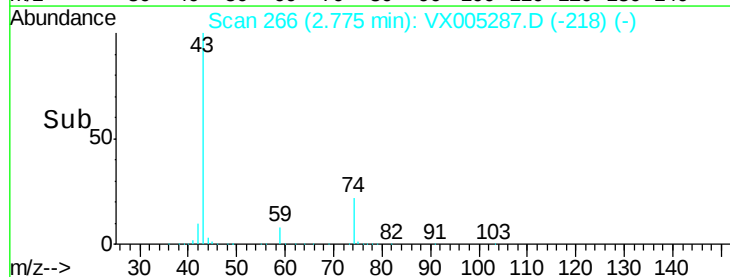
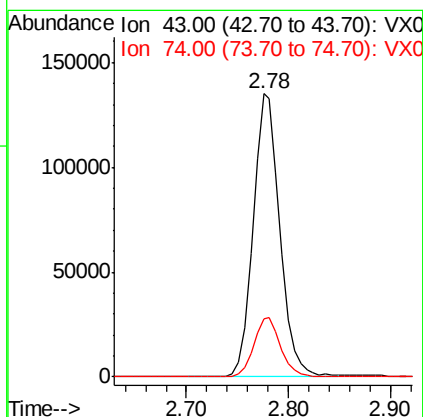
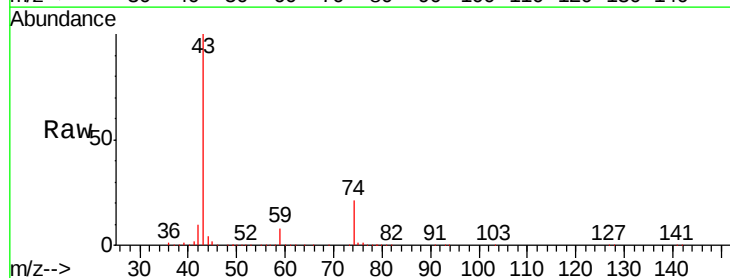
Instrument :
MSVOA_X
ClientSampleId :
ICVVX101218

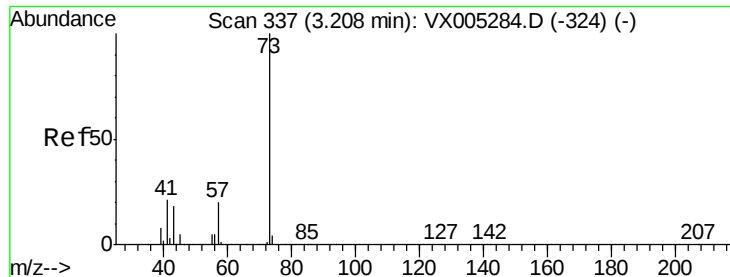
Tgt Ion: 76 Resp: 377188
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 47.46 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005287.D
Acq: 12 Oct 2018 11:27

Tgt Ion: 43 Resp: 245471
Ion Ratio Lower Upper
43 100
74 21.3 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 49.59 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

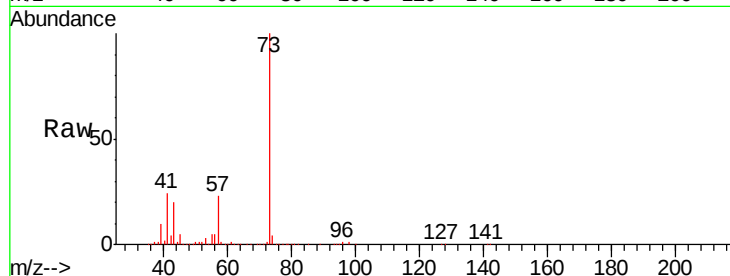
ICVVX101218

Tgt Ion: 73 Resp: 433367

Ion Ratio Lower Upper

73 100

57 23.4 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

200000

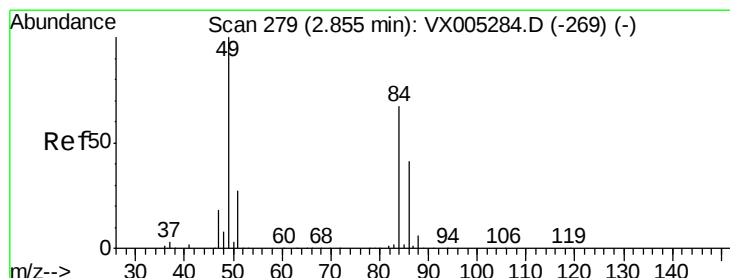
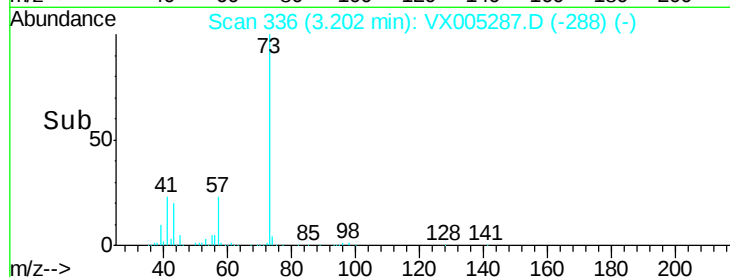
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 52.30 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Tgt Ion: 84 Resp: 138389

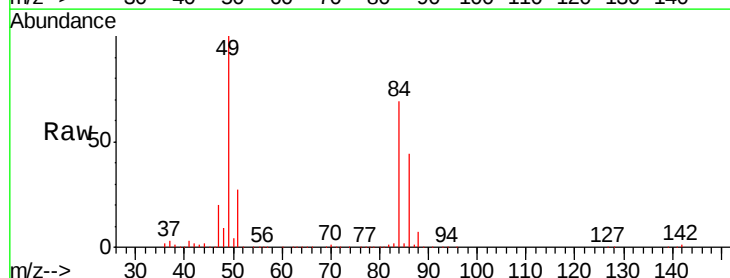
Ion Ratio Lower Upper

84 100

49 144.3 101.2 151.8

51 39.3 29.5 44.3

86 63.2 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

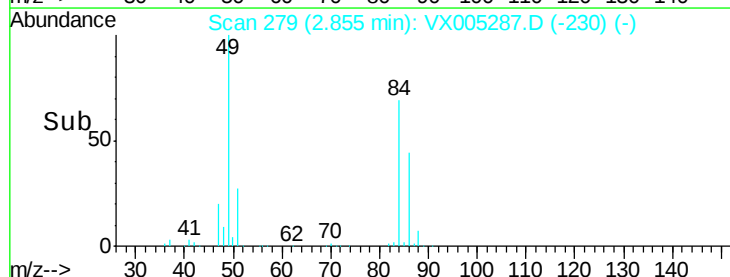
150000

100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 47.73 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101218

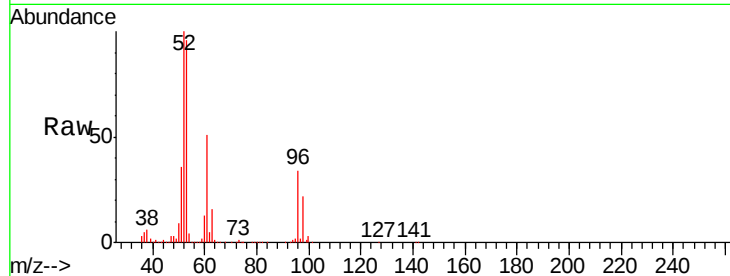
Tgt Ion: 96 Resp: 131249

Ion Ratio Lower Upper

96 100

61 147.4 113.8 170.6

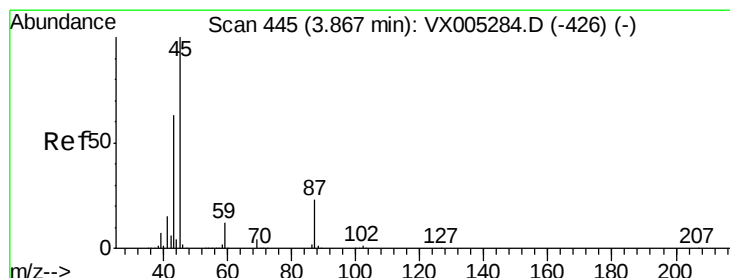
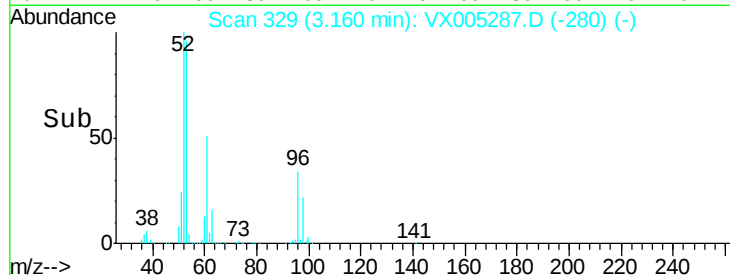
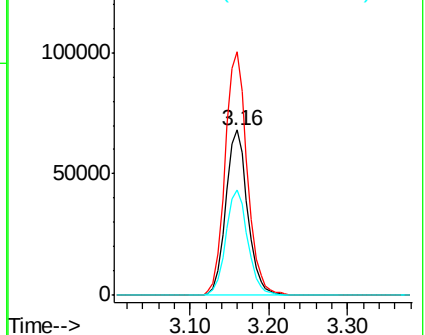
98 63.9 51.8 77.8



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



#22

Diisopropyl ether

Concen: 46.35 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Tgt Ion: 45 Resp: 424084

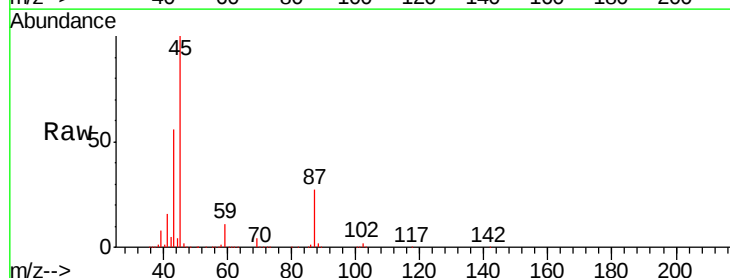
Ion Ratio Lower Upper

45 100

43 56.0 42.8 64.2

87 26.6 22.6 34.0

59 11.1 9.6 14.4

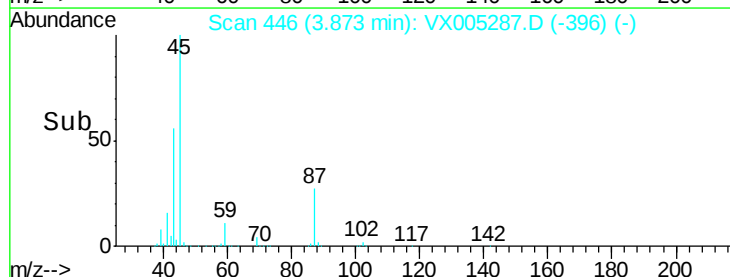
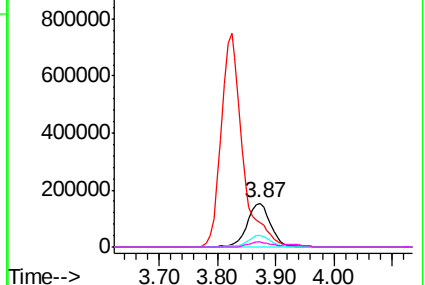


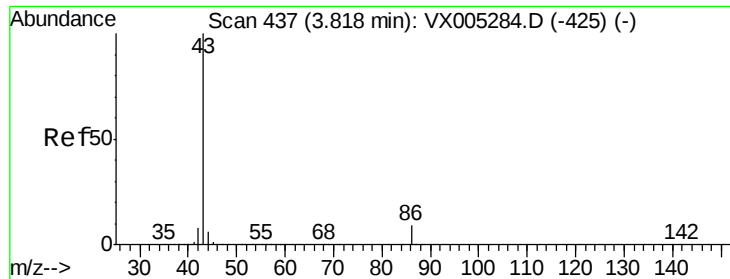
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

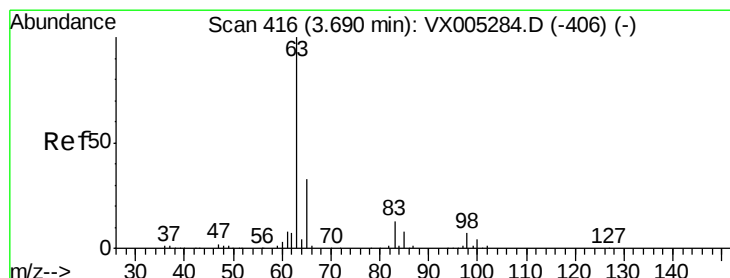
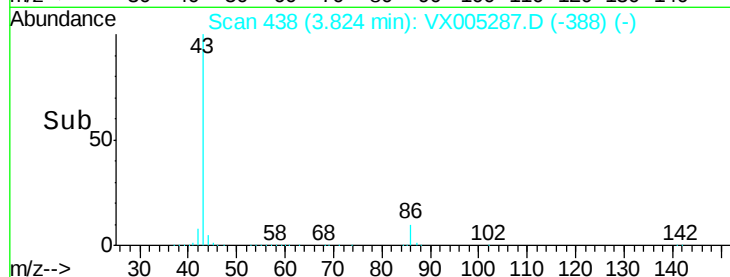
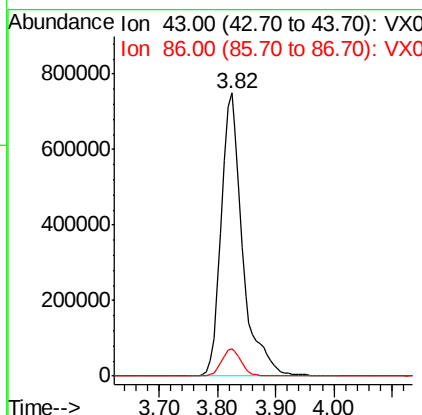
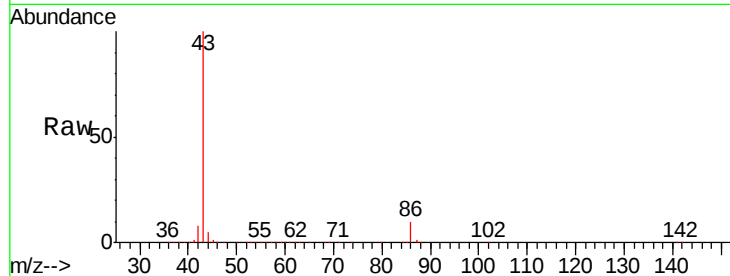




#23
 Vinyl Acetate
 Concen: 238.94 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.01 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

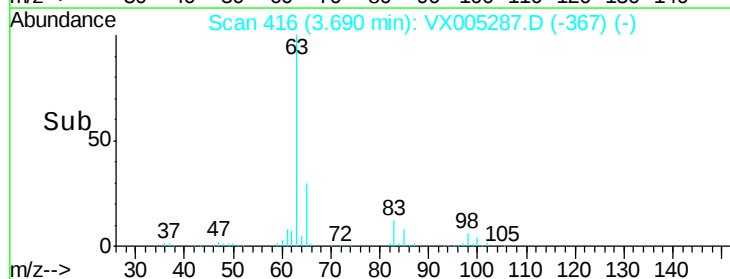
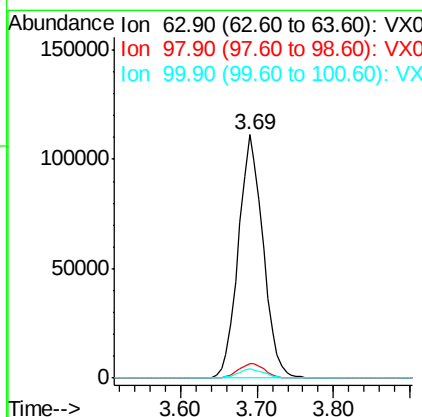
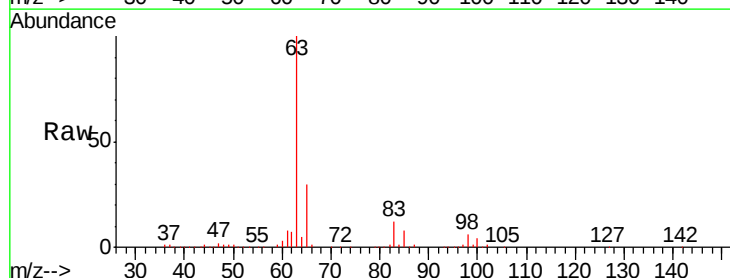
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101218

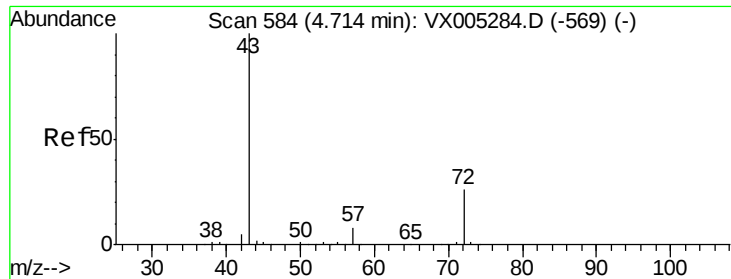
Tgt Ion: 43 Resp: 1910888
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 47.59 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

Tgt Ion: 63 Resp: 249550
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.5 10.4
 100 3.9 2.4 7.1





#25

2-Butanone

Concen: 241.90 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

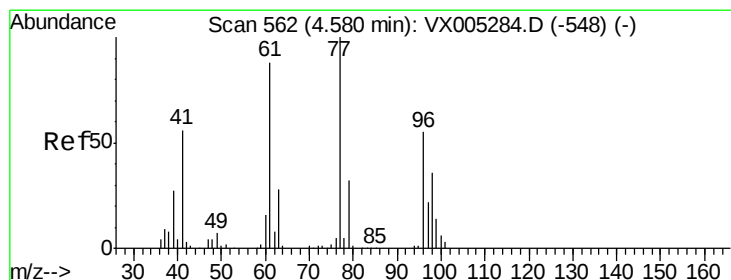
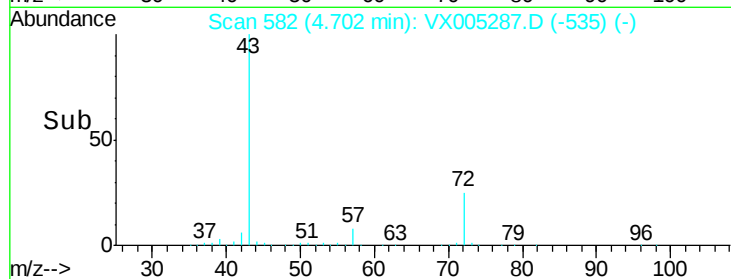
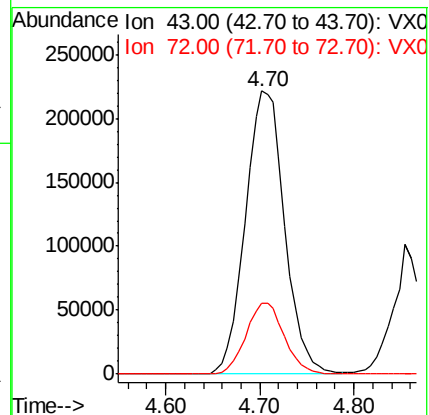
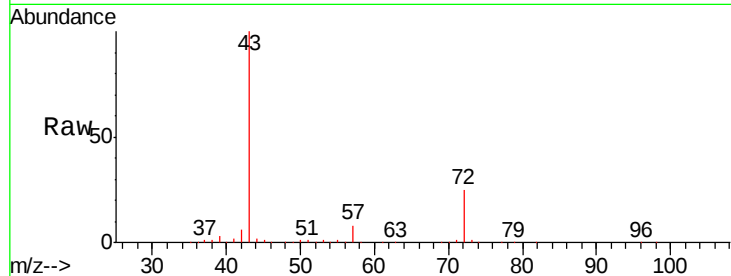
ICVVX101218

Tgt Ion: 43 Resp: 643439

Ion Ratio Lower Upper

43 100

72 25.0 22.0 33.0



#26

2,2-Dichloropropane

Concen: 48.85 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005287.D

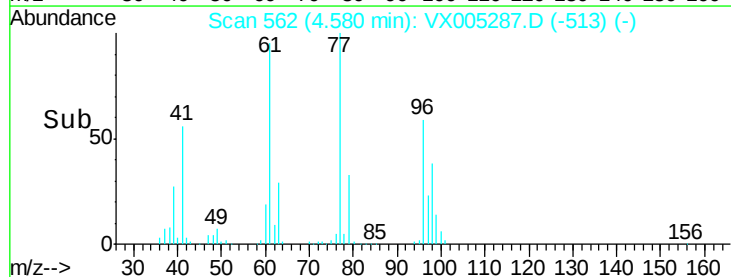
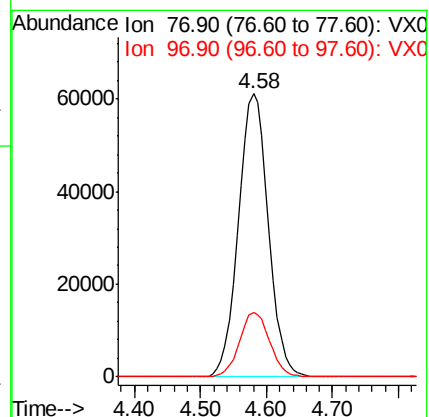
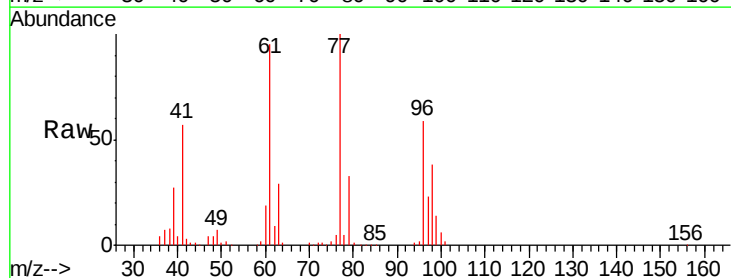
Acq: 12 Oct 2018 11:27

Tgt Ion: 77 Resp: 191576

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0

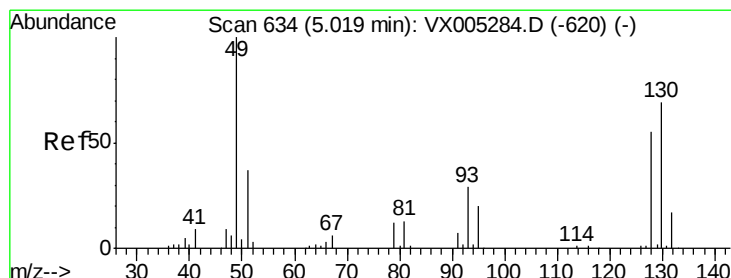
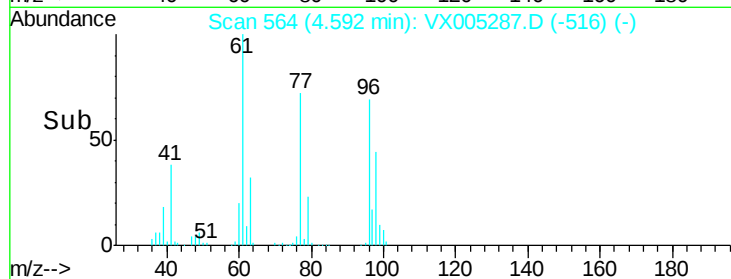
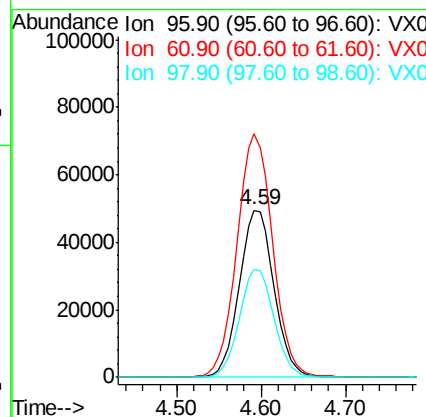
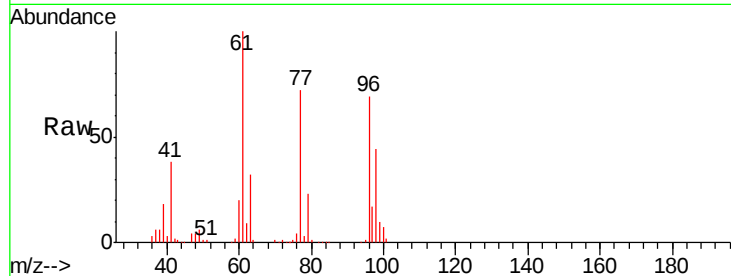




#27
 cis-1,2-Dichloroethene
 Concen: 45.98 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

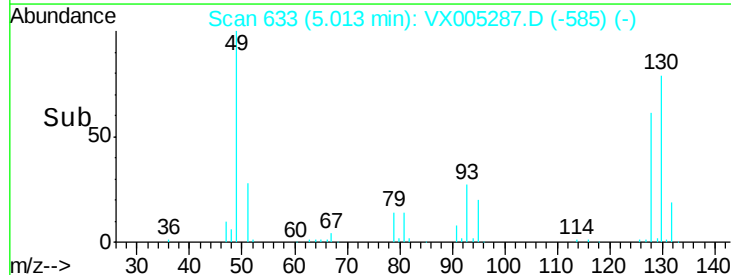
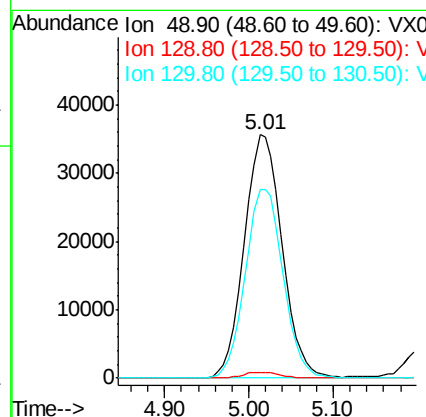
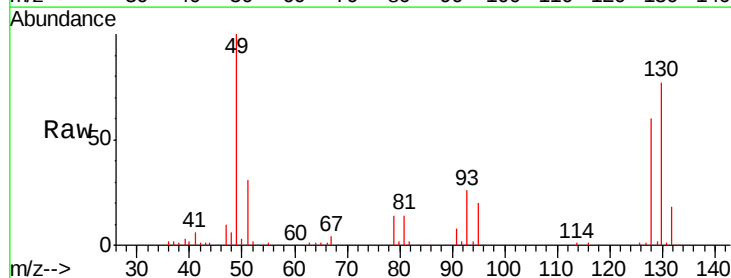
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101218

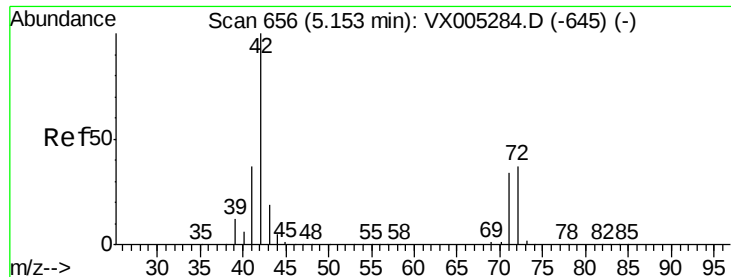
Tgt Ion: 96 Resp: 137413
 Ion Ratio Lower Upper
 96 100
 61 151.2 0.0 282.6
 98 64.8 0.0 130.2



#28
 Bromochloromethane
 Concen: 45.43 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

Tgt Ion: 49 Resp: 108614
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 77.6 67.5 101.3





#29

Tetrahydrofuran

Concen: 237.12 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101218

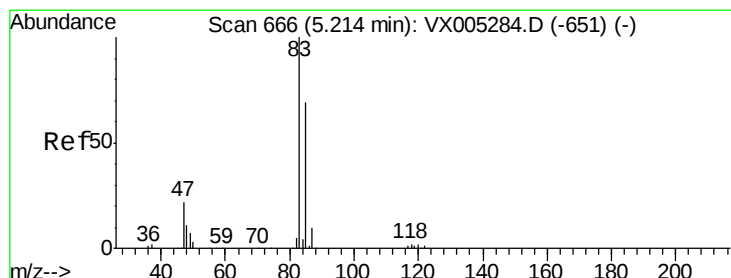
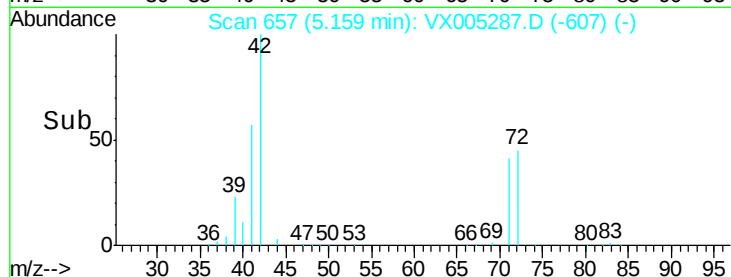
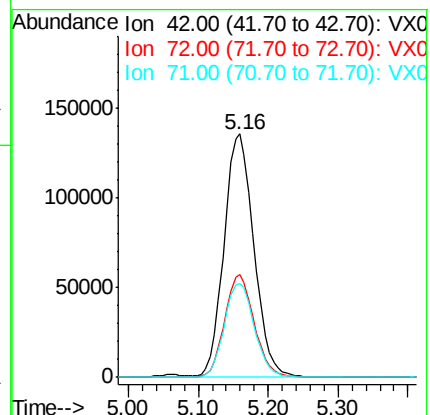
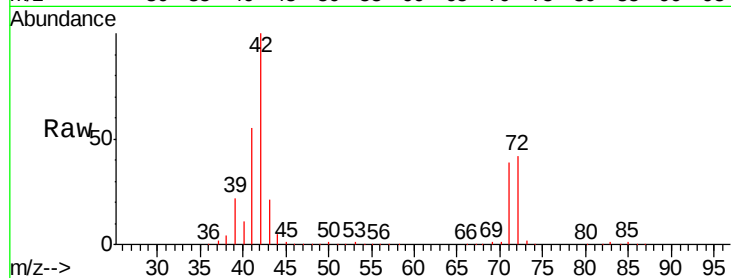
Tgt Ion: 42 Resp: 402322

Ion Ratio Lower Upper

42 100

72 41.9 37.4 56.0

71 39.1 34.5 51.7



#30

Chloroform

Concen: 47.18 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005287.D

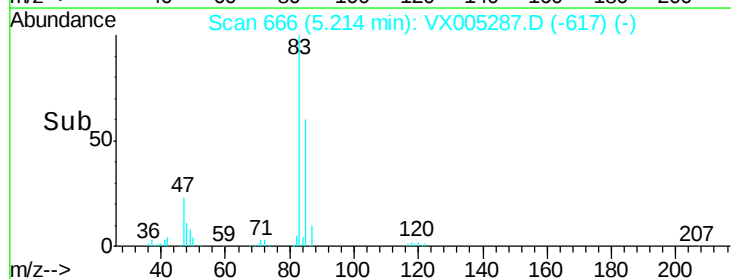
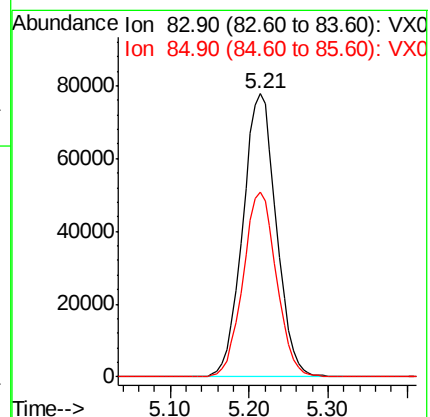
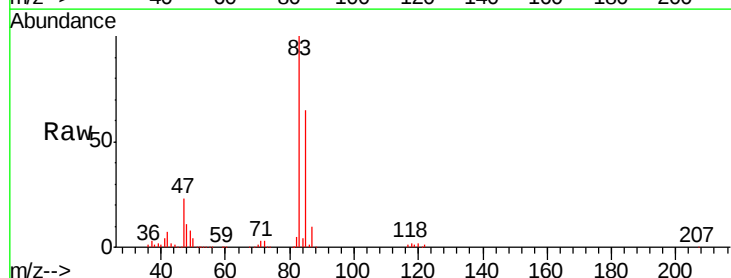
Acq: 12 Oct 2018 11:27

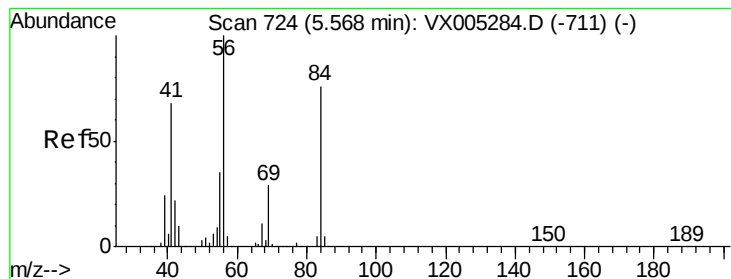
Tgt Ion: 83 Resp: 229666

Ion Ratio Lower Upper

83 100

85 65.4 52.6 79.0





#31

Cyclohexane

Concen: 49.38 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101218

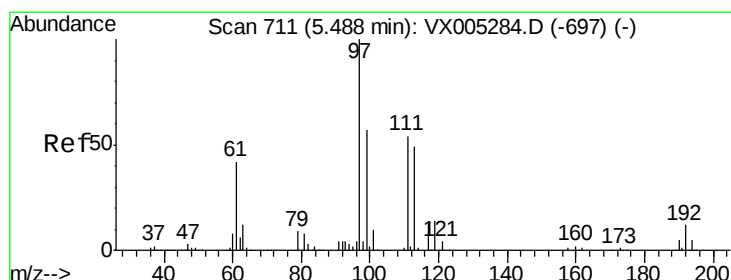
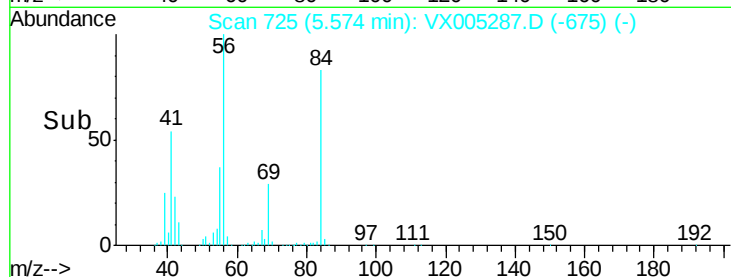
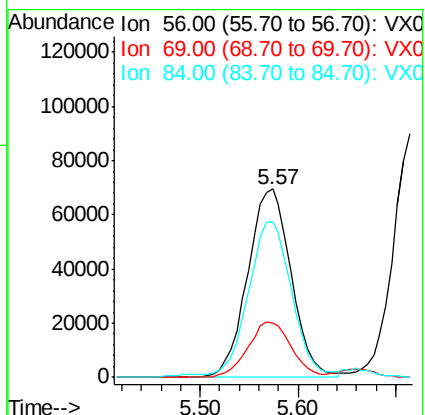
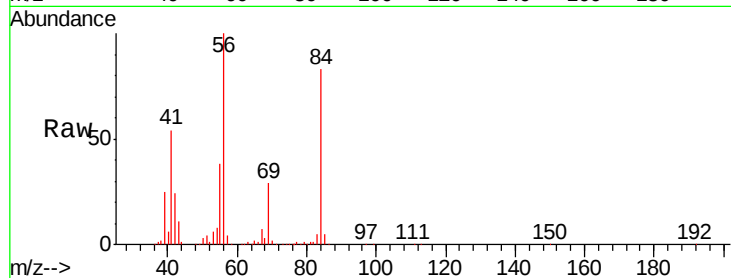
Tgt Ion: 56 Resp: 213425

Ion Ratio Lower Upper

56 100

69 29.0 25.4 38.2

84 81.3 71.4 107.2



#32

1,1,1-Trichloroethane

Concen: 47.42 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

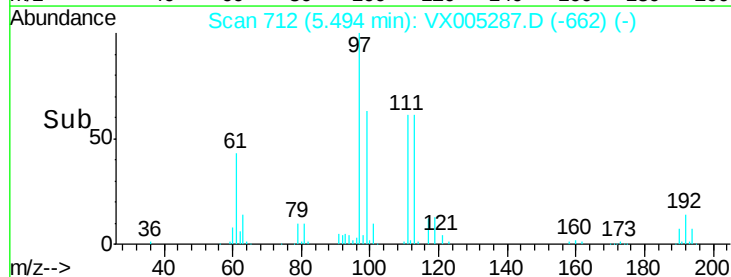
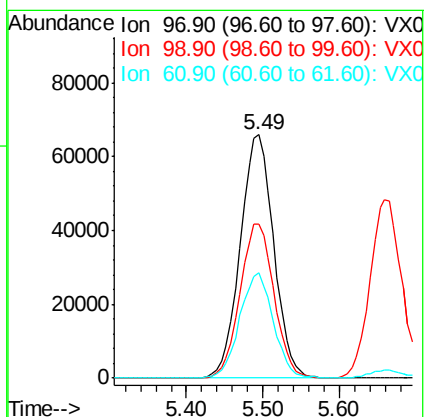
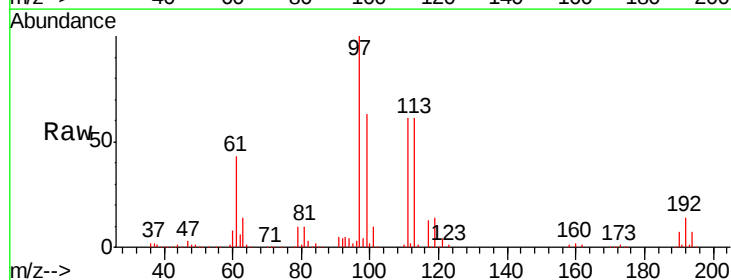
Tgt Ion: 97 Resp: 200824

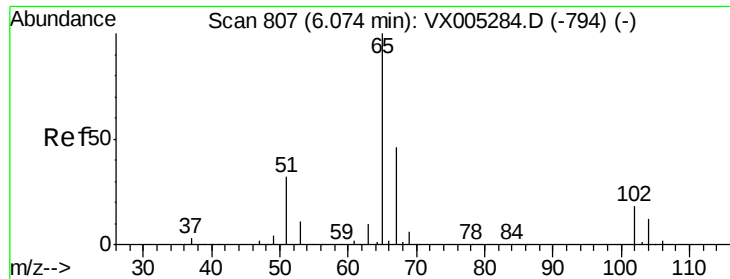
Ion Ratio Lower Upper

97 100

99 64.5 52.0 78.0

61 43.4 34.9 52.3

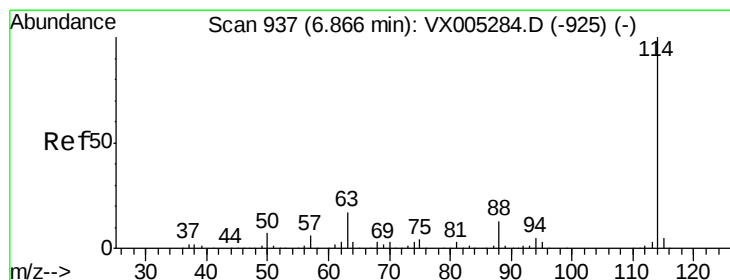
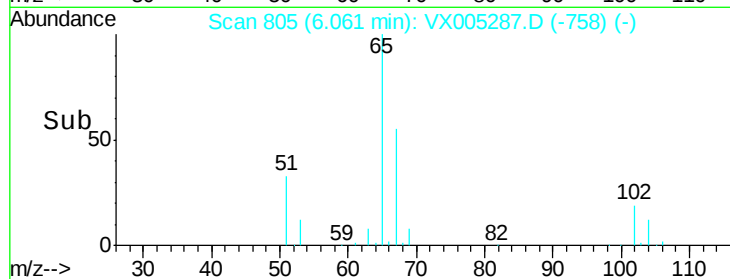
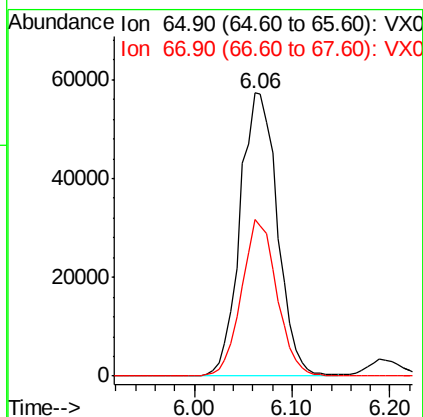
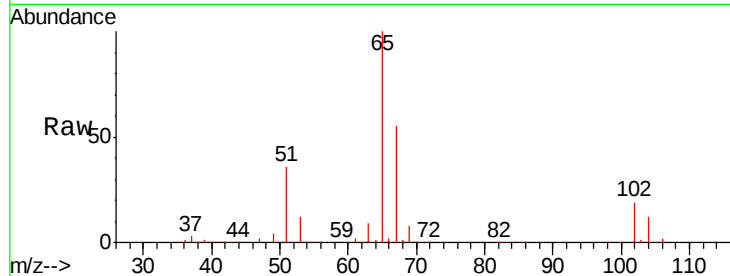




#33
 1,2-Dichloroethane-d4
 Concen: 48.48 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

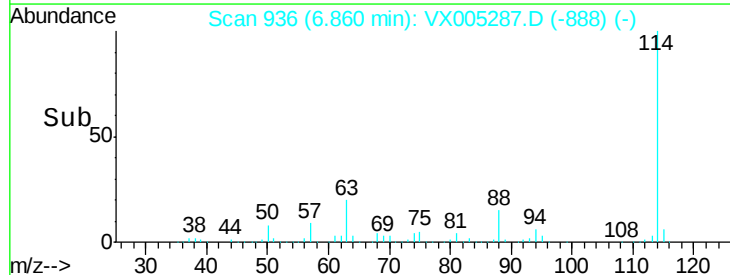
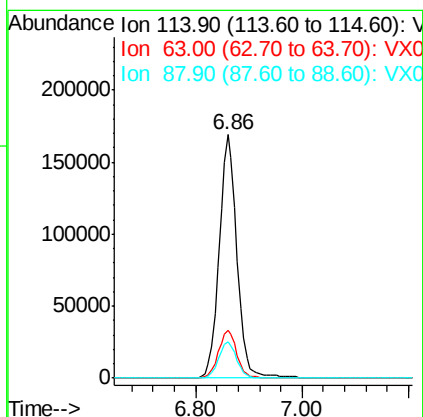
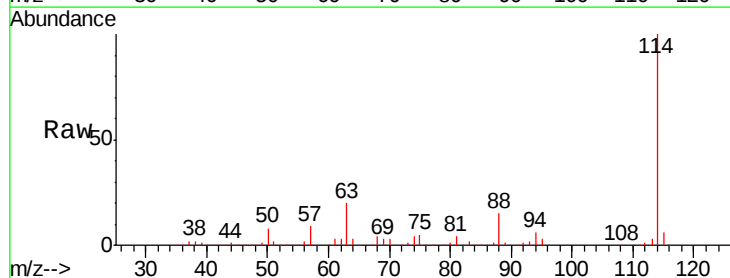
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101218

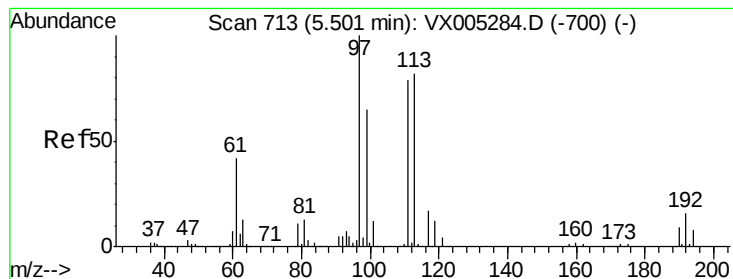
Tgt Ion: 65 Resp: 152448
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005287.D
 Acq: 12 Oct 2018 11:27

Tgt Ion: 114 Resp: 393387
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 46.44 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101218

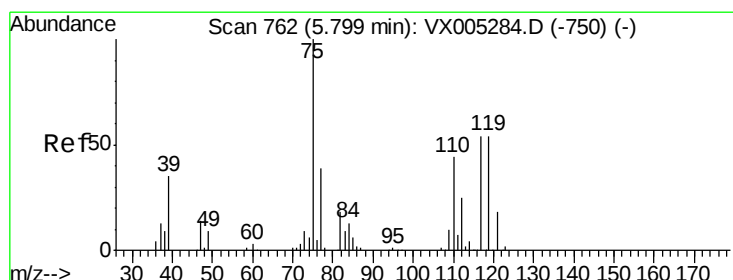
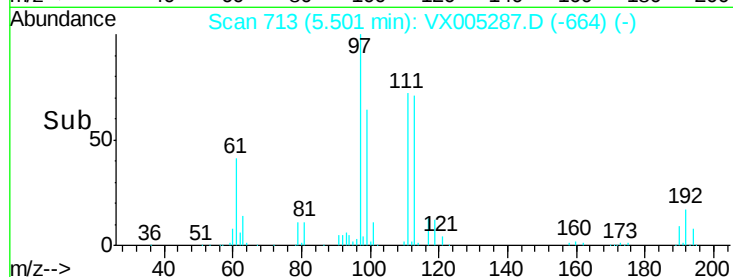
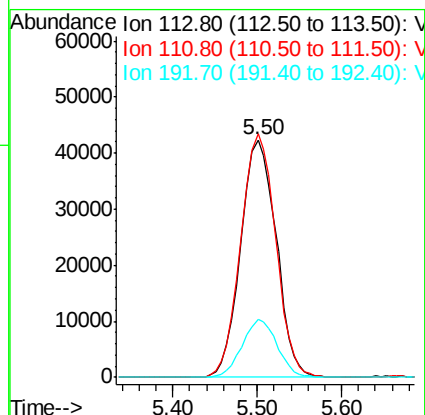
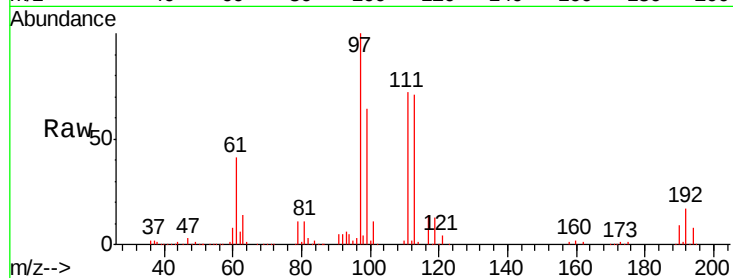
Tgt Ion:113 Resp: 121011

Ion Ratio Lower Upper

113 100

111 101.4 82.4 123.6

192 24.0 19.4 29.2



#36

1,1-Dichloropropene

Concen: 51.56 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

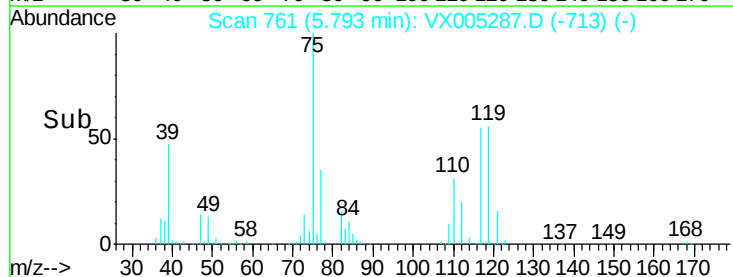
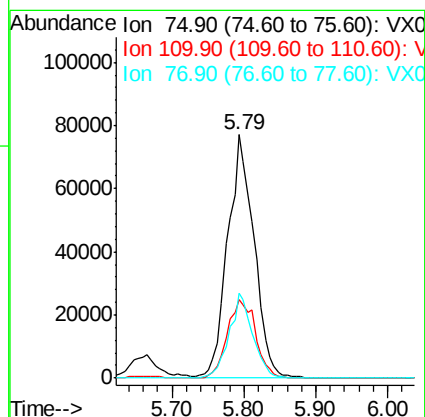
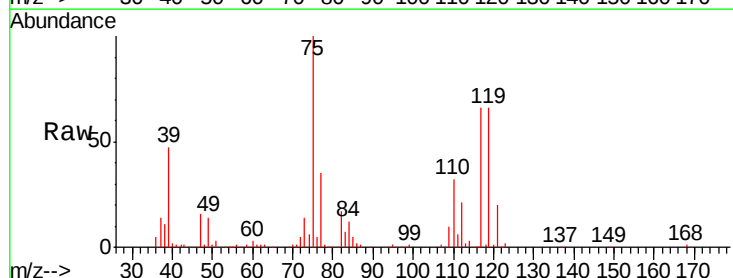
Tgt Ion: 75 Resp: 196452

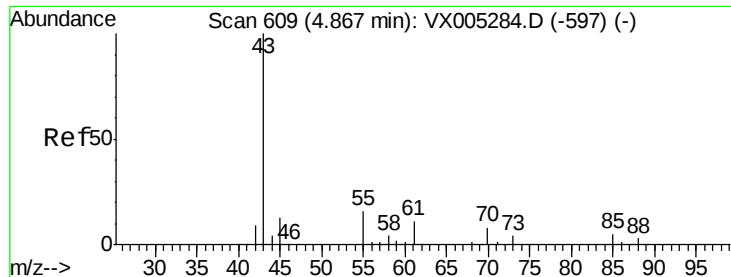
Ion Ratio Lower Upper

75 100

110 34.8 18.0 54.0

77 31.3 24.6 36.8





#37

Ethyl Acetate

Concen: 49.36 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101218

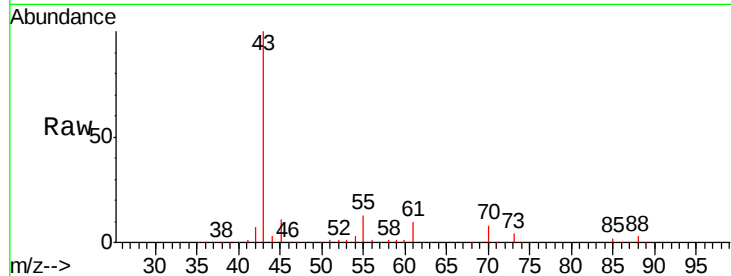
Tgt Ion: 43 Resp: 241852

Ion Ratio Lower Upper

43 100

61 13.3 11.5 17.3

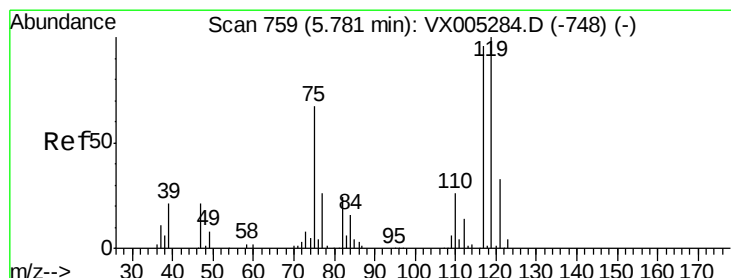
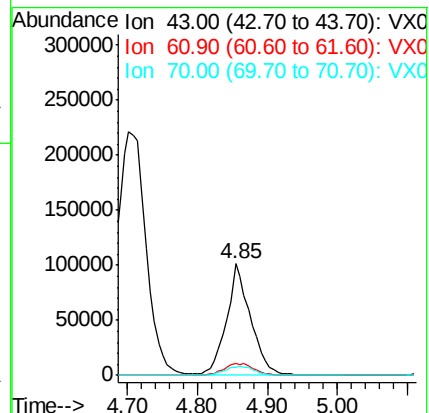
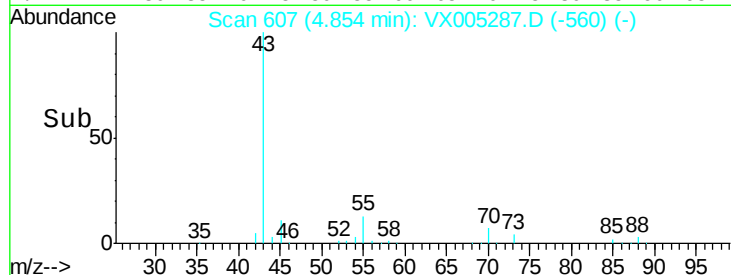
70 9.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX005284.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX005284.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX005284.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 49.81 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX005287.D

Acq: 12 Oct 2018 11:27

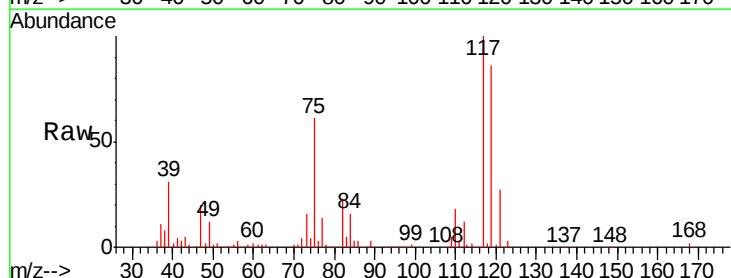
Tgt Ion: 117 Resp: 190696

Ion Ratio Lower Upper

117 100

119 85.6 78.8 118.2

121 27.5 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): VX005284.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX005284.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX005284.D (-748) (-)

