

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101218\
 Data File : VX005306.D
 Acq On : 12 Oct 2018 21:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 13 02:38:32 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	5.67	168	278109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367693	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197929	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	154745	50.13	ug/l	-0.01
Spiked Amount			Recovery	=	100.26%	
35) Dibromofluoromethane	5.51	113	132346	54.34	ug/l	0.00
Spiked Amount			Recovery	=	108.68%	
50) Toluene-d8	8.71	98	444157	53.12	ug/l	0.00
Spiked Amount			Recovery	=	106.24%	
62) 4-Bromofluorobenzene	11.14	95	163687	52.12	ug/l	0.00
Spiked Amount			Recovery	=	104.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	118193	54.355	ug/l	90
3) Chloromethane	1.32	50	158840	50.413	ug/l #	88
4) Vinyl Chloride	1.41	62	166125	52.048	ug/l	95
5) Bromomethane	1.64	94	86541	48.031	ug/l	98
6) Chloroethane	1.71	64	104534	56.105	ug/l	95
7) Trichlorofluoromethane	1.92	101	221089	51.907	ug/l #	82
8) Diethyl Ether	2.19	74	94206	51.794	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	133363	54.248	ug/l	98
10) Methyl Iodide	2.51	142	142983	52.892	ug/l	97
11) Tert butyl alcohol	3.09	59	242374	278.374	ug/l	98
12) 1,1-Dichloroethene	2.37	96	131228	53.875	ug/l	97
13) Acrolein	2.29	56	134322	241.689	ug/l	99
14) Allyl chloride	2.72	41	268213	50.154	ug/l	97
15) Acrylonitrile	3.15	53	522961	265.056	ug/l	96
16) Acetone	2.45	43	428819	240.285	ug/l	90
17) Carbon Disulfide	2.56	76	358940	48.645	ug/l	99
18) Methyl Acetate	2.78	43	276597	54.478	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	439876	51.276	ug/l #	89
20) Methylene Chloride	2.85	84	143754	55.425	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	144378	53.486	ug/l	90
22) Diisopropyl ether	3.87	45	496249	55.247	ug/l	91
23) Vinyl Acetate	3.82	43	2189095	278.836	ug/l	97
24) 1,1-Dichloroethane	3.70	63	258887	50.290	ug/l	100
25) 2-Butanone	4.71	43	693459	265.579	ug/l	92
26) 2,2-Dichloropropane	4.58	77	182939	47.516	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	152032	51.824	ug/l	100
28) Bromochloromethane	5.01	49	131720	56.128	ug/l	92
29) Tetrahydrofuran	5.16	42	435875	261.699	ug/l	95
30) Chloroform	5.22	83	259302	54.268	ug/l #	81
31) Cyclohexane	5.57	56	222456	52.430	ug/l #	90
32) 1,1,1-Trichloroethane	5.49	97	214232	51.528	ug/l	99
36) 1,1-Dichloropropene	5.80	75	194324	54.569	ug/l	98
37) Ethyl Acetate	4.85	43	258436	56.431	ug/l	96
38) Carbon Tetrachloride	5.77	117	189528	52.968	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187748	48.714	ug/l	95
40) Benzene	6.15	78	581982	54.480	ug/l	94
41) Methacrylonitrile	5.06	41	134926	54.956	ug/l	95
42) 1,2-Dichloroethane	6.20	62	188006	49.843	ug/l	99
43) Isopropyl Acetate	6.46	43	346659	56.825	ug/l	98
44) Trichloroethene	7.21	130	134181	49.184	ug/l	96
45) 1,2-Dichloropropane	7.52	63	131806	50.300	ug/l	100
46) Dibromomethane	7.66	93	85619	49.505	ug/l	99
47) Bromodichloromethane	7.90	83	166014	51.895	ug/l	99
48) Methyl methacrylate	7.77	41	166219	52.534	ug/l	95
49) 1,4-Dioxane	7.76	88	75954	1040.781	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1132417	268.086	ug/l	96
52) Toluene	8.79	92	311067	53.226	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	183280	52.940	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	200140	53.353	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	128300	51.830	ug/l	97
56) Ethyl methacrylate	9.18	69	200513	55.565	ug/l	95
57) 1,3-Dichloropropane	9.37	76	215360	52.125	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	564793	279.077	ug/l	95
59) 2-Hexanone	9.50	43	901587	265.339	ug/l	94
60) Dibromochloromethane	9.59	129	137284	53.653	ug/l	99
61) 1,2-Dibromoethane	9.67	107	135131	52.017	ug/l	99
64) Tetrachloroethene	9.34	164	138003	49.743	ug/l	98
65) Chlorobenzene	10.14	112	351958	48.014	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	128825	49.316	ug/l	99
67) Ethyl Benzene	10.25	91	603269	50.624	ug/l	97
68) m/p-Xylenes	10.36	106	473622	102.399	ug/l	95
69) o-Xylene	10.70	106	226946	50.876	ug/l	97
70) Styrene	10.71	104	384168	52.360	ug/l	97
71) Bromoform	10.86	173	116462	49.890	ug/l	99
73) Isopropylbenzene	11.02	105	617110	52.447	ug/l	100
74) N-amyl acetate	10.90	43	290367	51.165	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	214180	48.254	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	251489	65.505	ug/l	87
77) Bromobenzene	11.26	156	167939	49.918	ug/l	99
78) n-propylbenzene	11.36	91	703959	51.991	ug/l	100
79) 2-Chlorotoluene	11.42	91	420977	50.767	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	534294	53.027	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	61446	48.630	ug/l	99
82) 4-Chlorotoluene	11.51	91	502070	51.076	ug/l	99
83) tert-Butylbenzene	11.77	119	528106	51.758	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	548166	52.865	ug/l	98
85) sec-Butylbenzene	11.94	105	629814	52.159	ug/l	99
86) p-Isopropyltoluene	12.07	119	573685	52.565	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	310171	49.339	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	315275	49.023	ug/l	99
89) n-Butylbenzene	12.39	91	501376	50.596	ug/l	98
90) Hexachloroethane	12.60	117	92341	49.094	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	317659	49.516	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	52511	48.500	ug/l	98

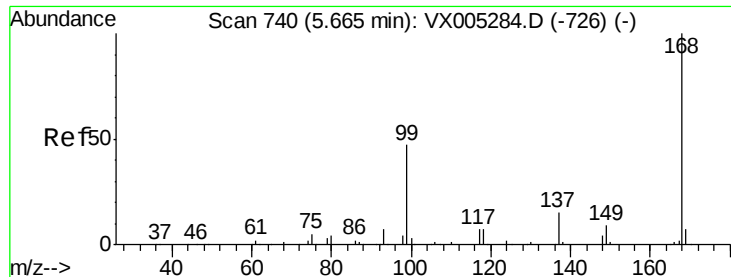
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	240812	51.163	ug/l	99
94) Hexachlorobutadiene	13.79	225	122329	49.210	ug/l	97
95) Naphthalene	13.83	128	741094	54.292	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	247097	51.309	ug/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. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

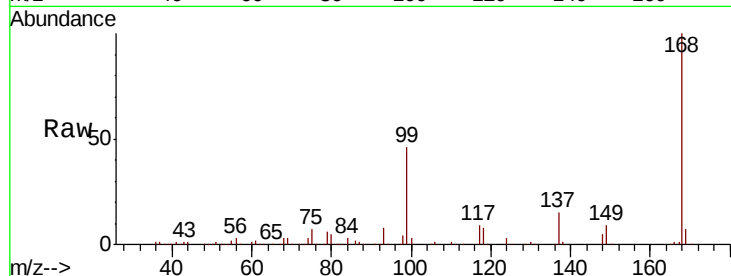
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 278109

Ion Ratio Lower Upper

168 100

99 45.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

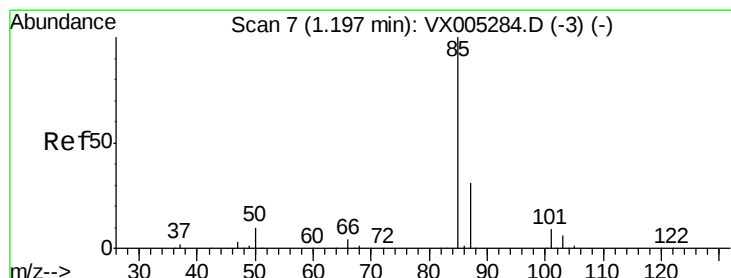
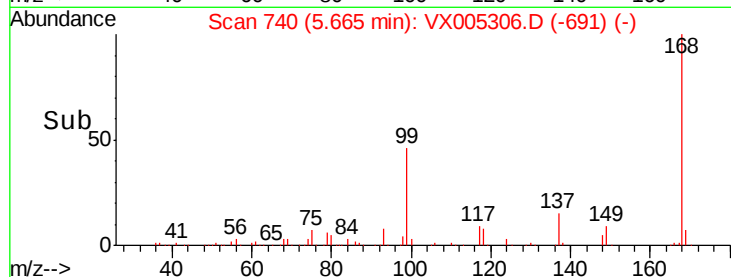
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 54.355 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005306.D

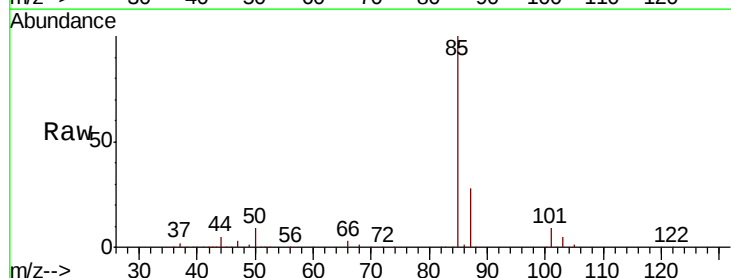
Acq: 12 Oct 2018 21:24

Tgt Ion: 85 Resp: 118193

Ion Ratio Lower Upper

85 100

87 28.4 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

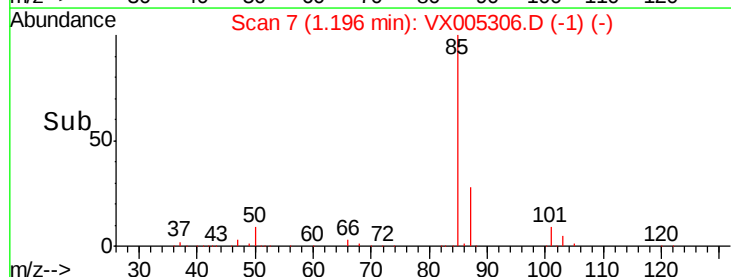
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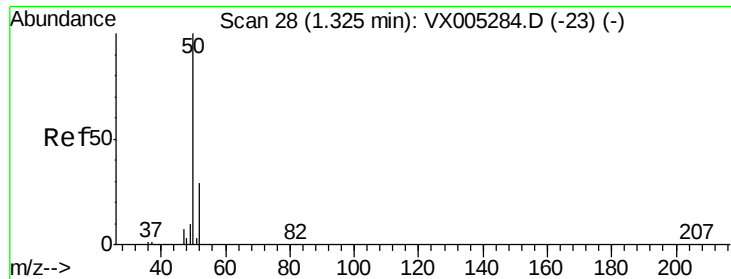
50000

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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 50.413 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

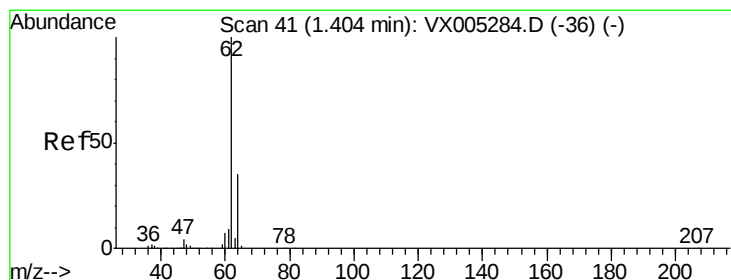
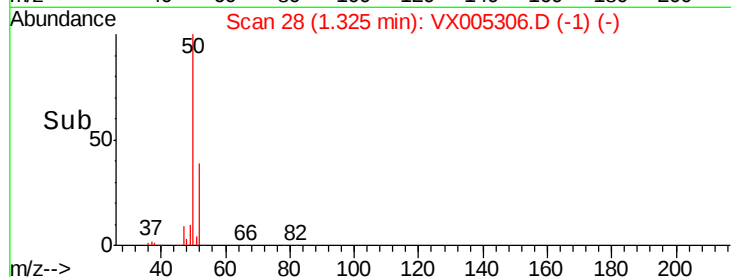
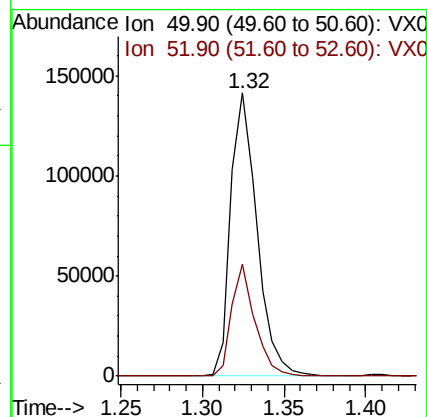
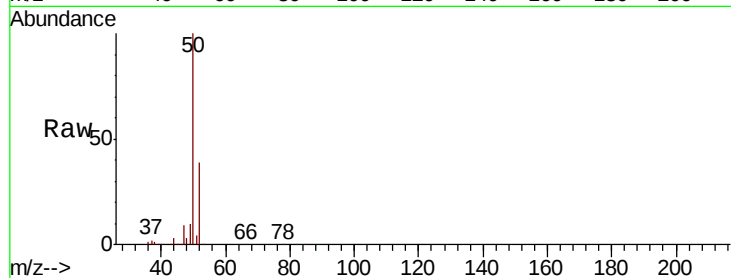
ClientSampleId :

Tot Ion: 50 Resp: 158840

Ion Ratio Lower Upper

50 100

52 39.3 26.2 39.2#



#4

Vinyl Chloride

Concen: 52.048 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005306.D

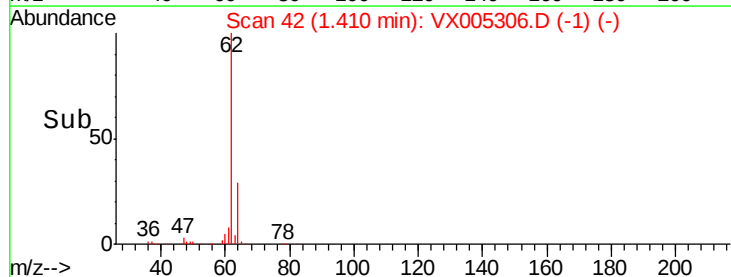
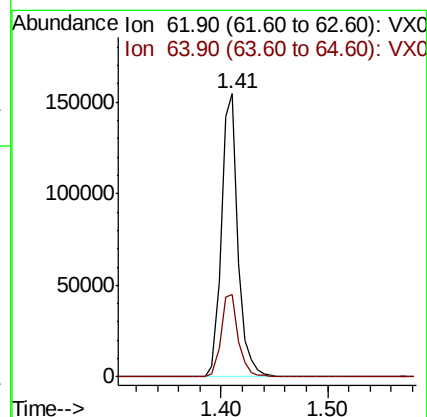
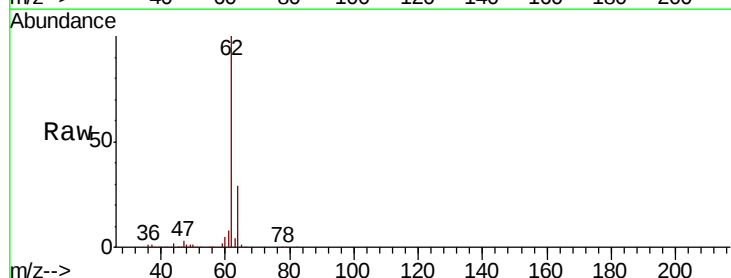
Acq: 12 Oct 2018 21:24

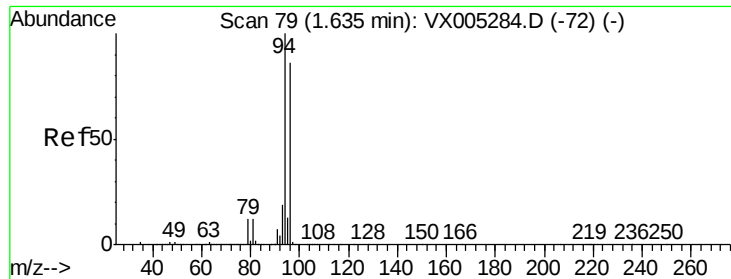
Tgt Ion: 62 Resp: 166125

Ion Ratio Lower Upper

62 100

64 29.3 25.8 38.8





#5

Bromomethane

Concen: 48.031 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

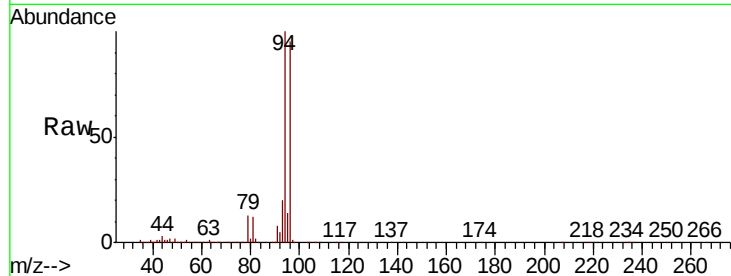
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 86541

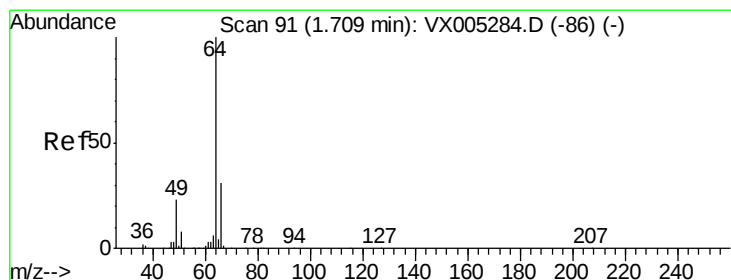
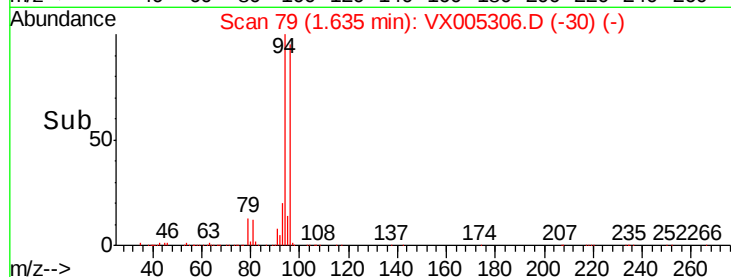
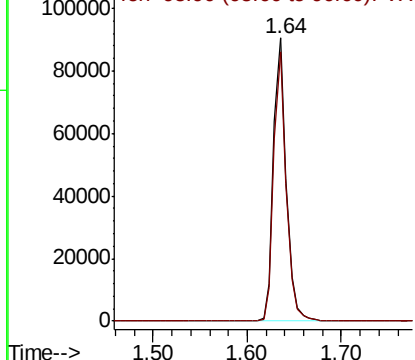
Ion Ratio Lower Upper

94 100

96 95.0 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: 56.105 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX005306.D

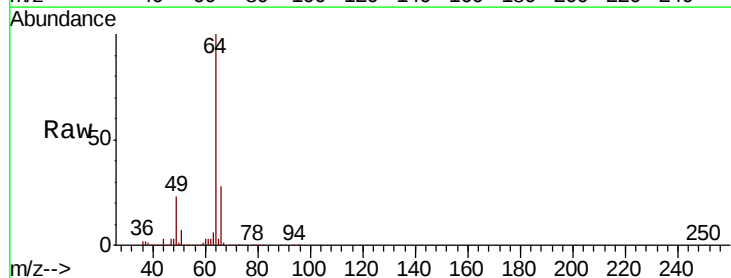
Acq: 12 Oct 2018 21:24

Tgt Ion: 64 Resp: 104534

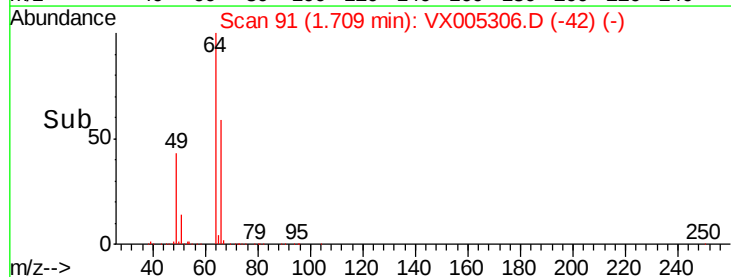
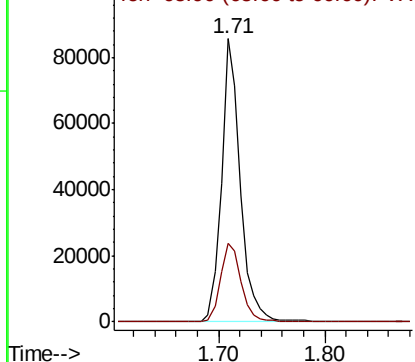
Ion Ratio Lower Upper

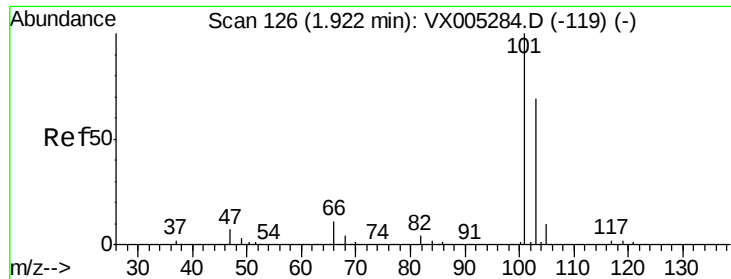
64 100

66 27.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



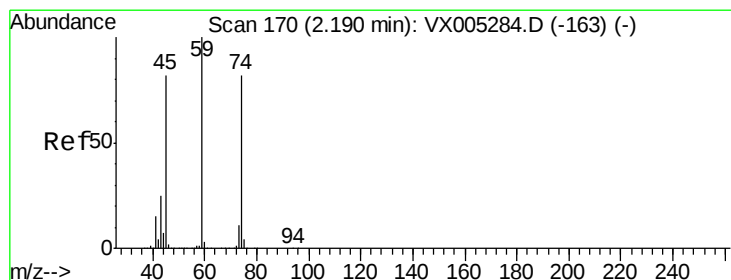
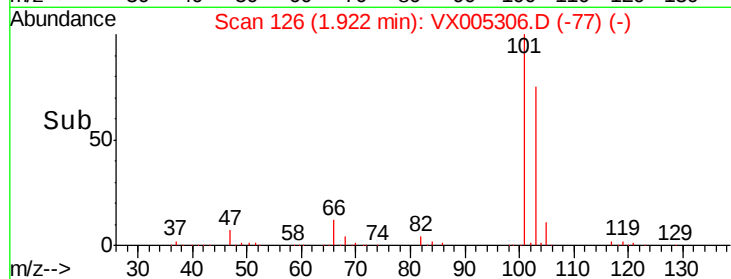
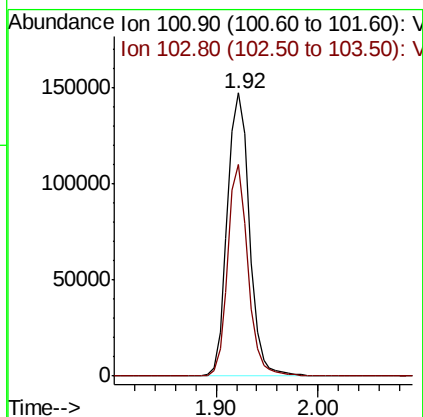
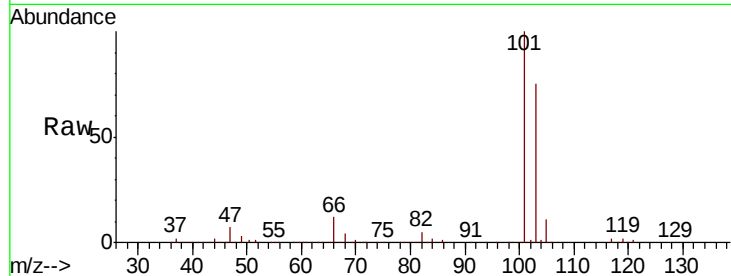


#7

Trichlorofluoromethane
Concen: 51.907 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :

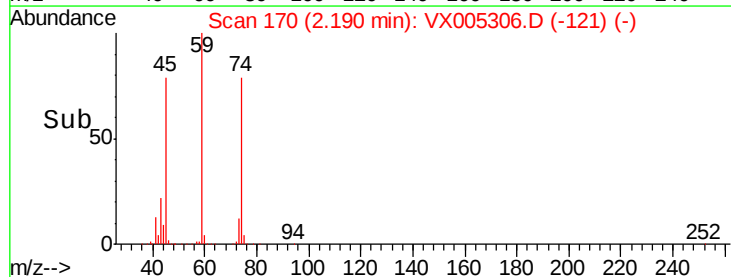
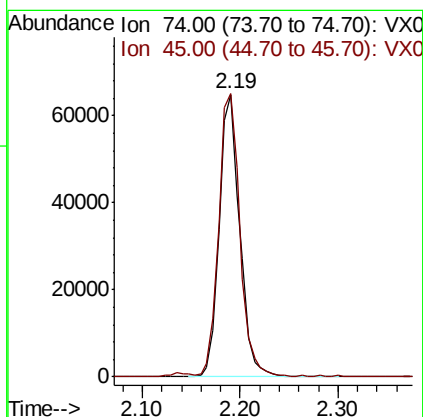
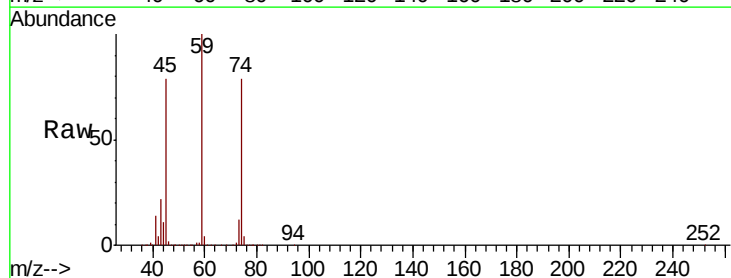
Tot Ion:101 Resp: 221089
Ion Ratio Lower Upper
101 100
103 75.0 48.9 73.3#

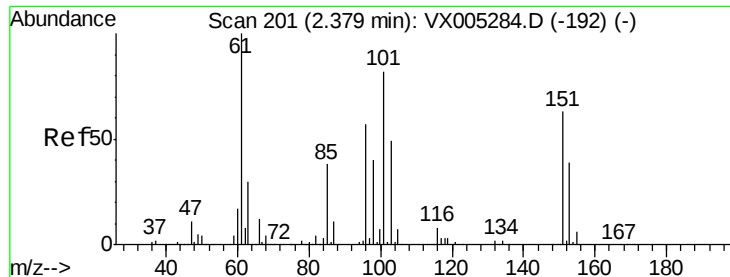


#8

Diethyl Ether
Concen: 51.794 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion: 74 Resp: 94206
Ion Ratio Lower Upper
74 100
45 102.6 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.248 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

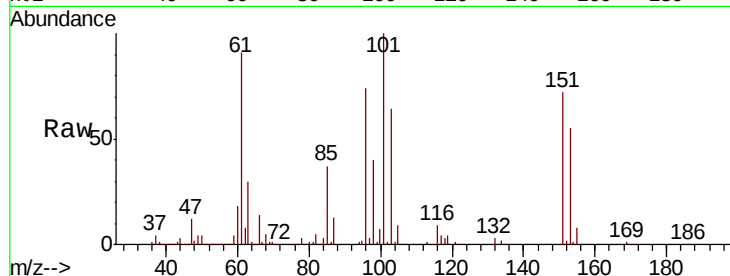
Tot Ion:101 Resp: 133363

Ion Ratio Lower Upper

101 100

85 40.4 34.2 51.4

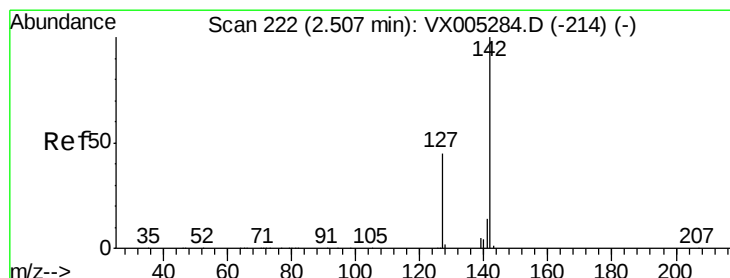
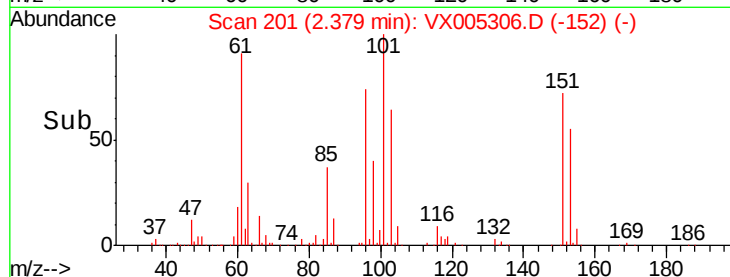
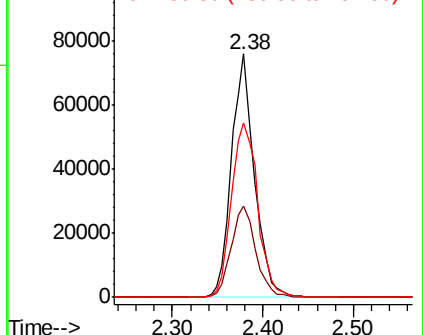
151 82.5 65.0 97.6



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: 52.892 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

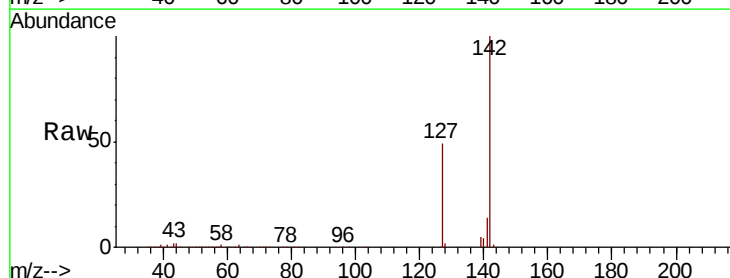
Tgt Ion:142 Resp: 142983

Ion Ratio Lower Upper

142 100

127 44.1 33.8 50.6

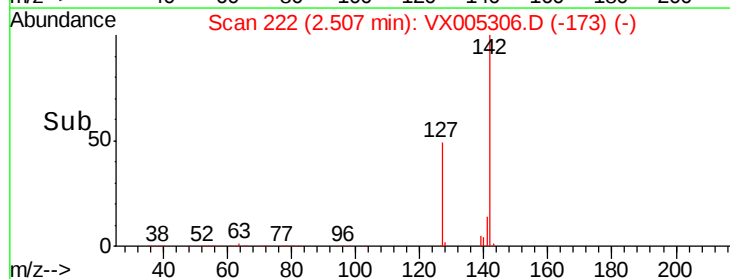
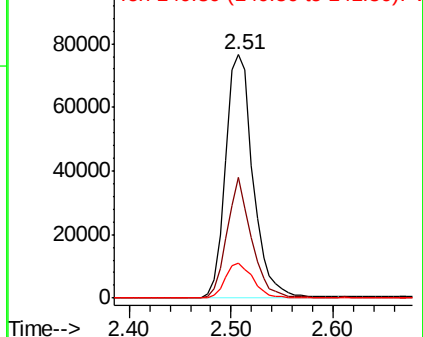
141 14.6 11.4 17.0

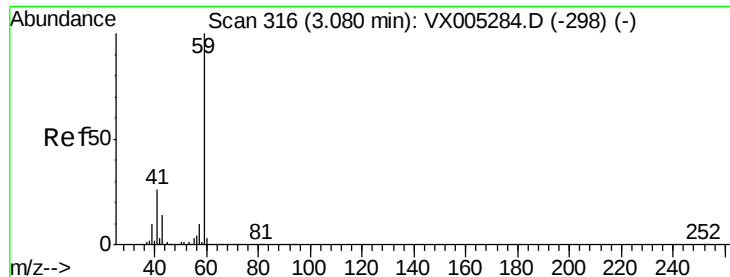


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

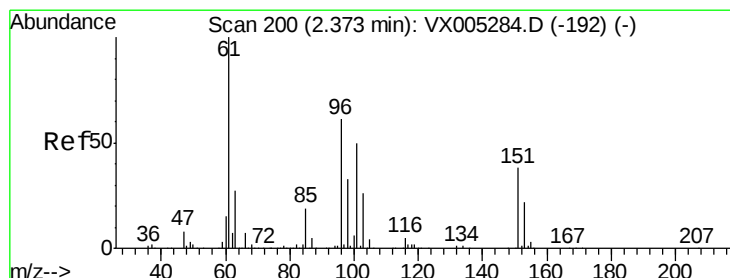
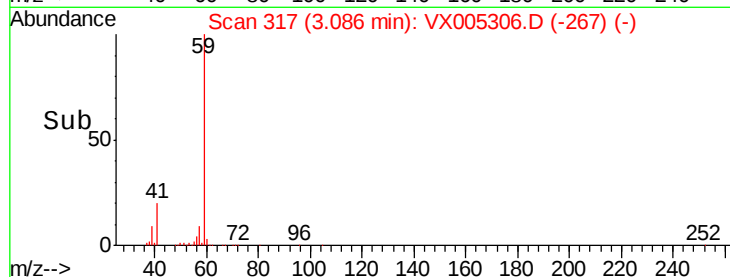
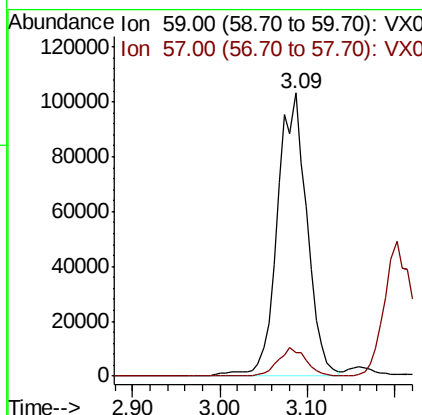
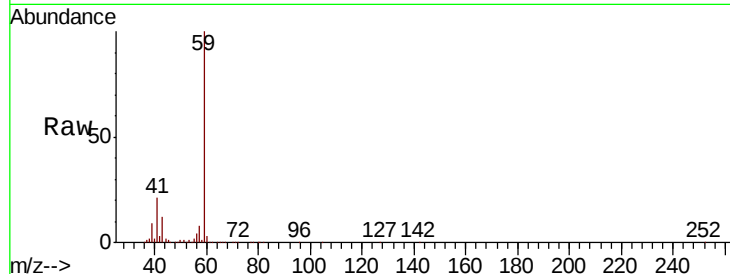




#11
Tert butyl alcohol
Concen: 278.374 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

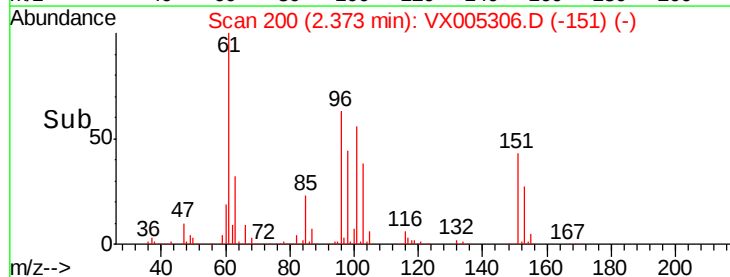
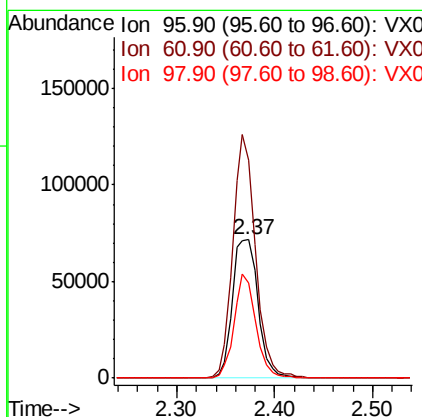
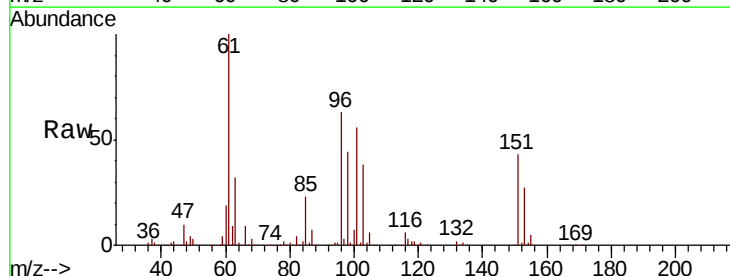
Instrument :
MSVOA_X
ClientSampled :

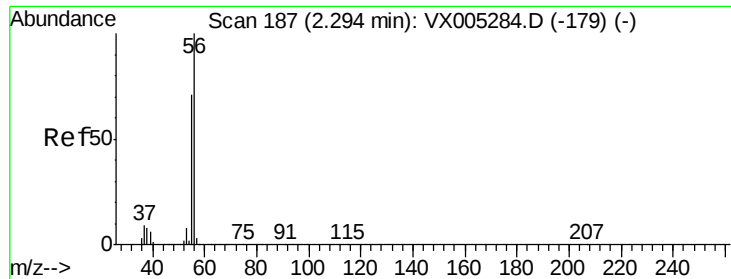
Tot Ion: 59 Resp: 242374
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 53.875 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion: 96 Resp: 131228
Ion Ratio Lower Upper
96 100
61 157.8 128.8 193.2
98 69.4 52.2 78.2





#13

Acrolein

Concen: 241.689 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

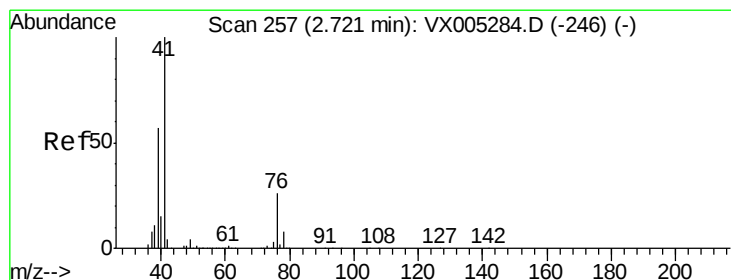
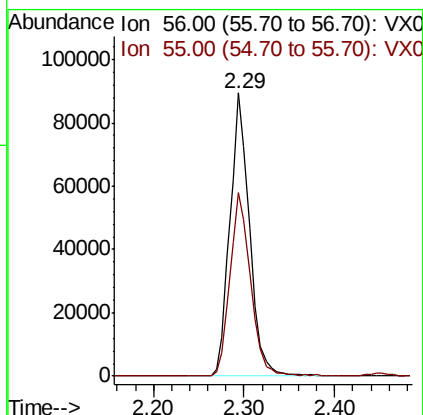
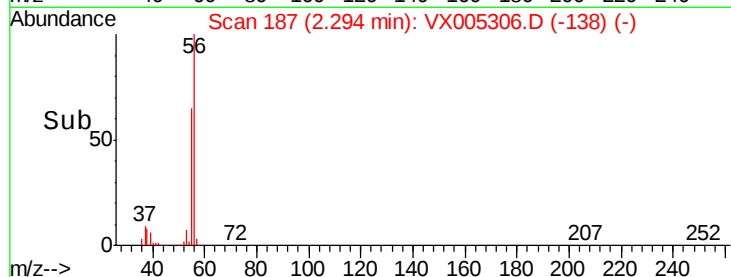
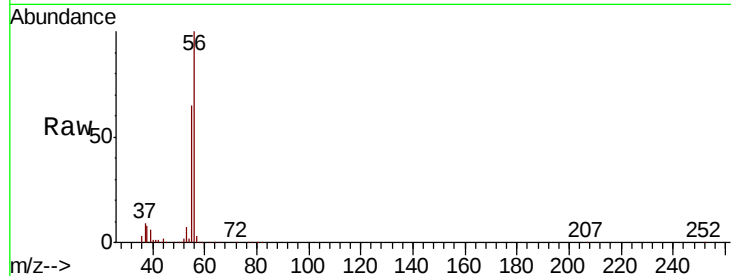
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 134322

Ion Ratio Lower Upper

56 100

55 67.7 54.7 82.1



#14

Allyl chloride

Concen: 50.154 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

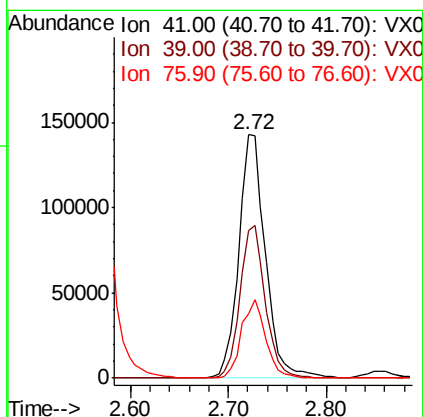
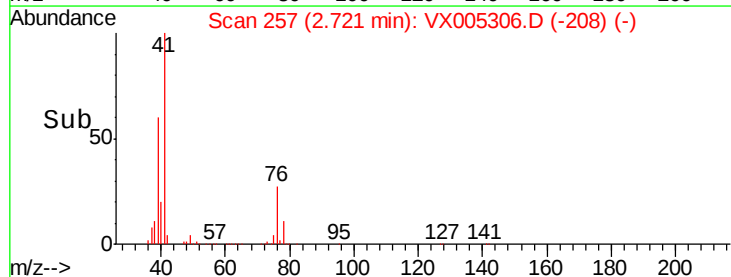
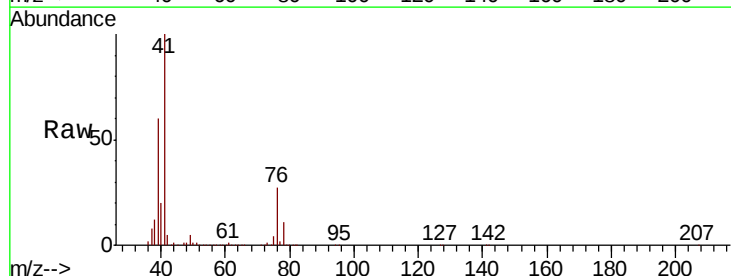
Tgt Ion: 41 Resp: 268213

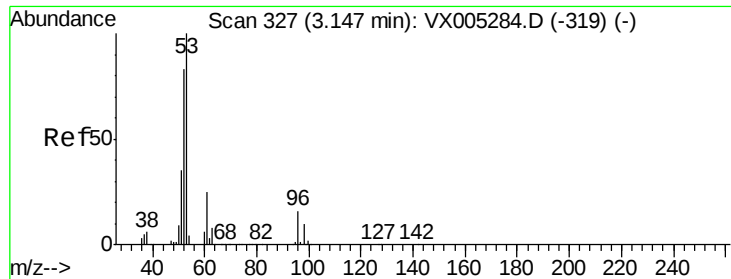
Ion Ratio Lower Upper

41 100

39 59.8 48.9 73.3

76 29.7 26.7 40.1





#15

Acrylonitrile

Concen: 265.056 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :

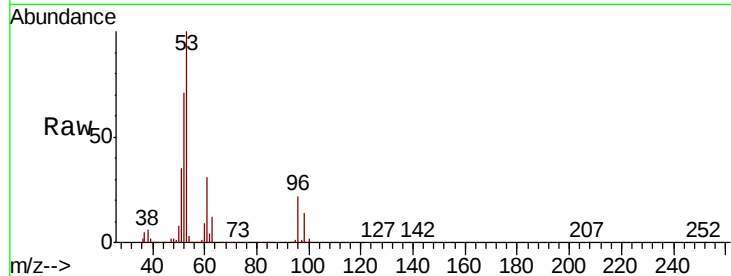
Tot Ion: 53 Resp: 522961

Ion Ratio Lower Upper

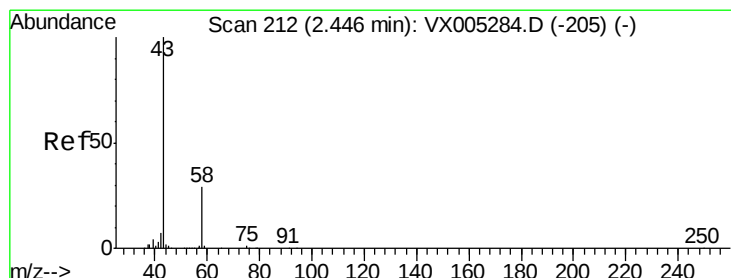
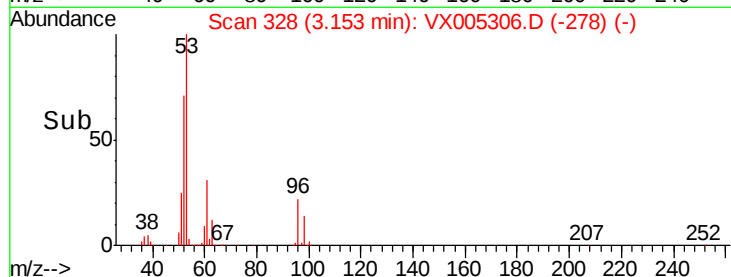
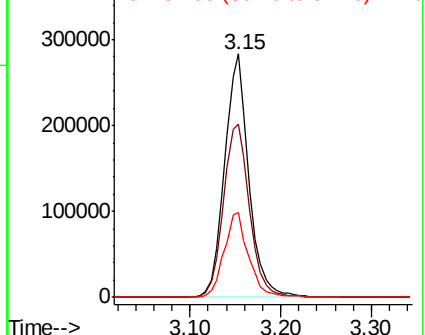
53 100

52 76.3 65.2 97.8

51 35.6 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 240.285 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005306.D

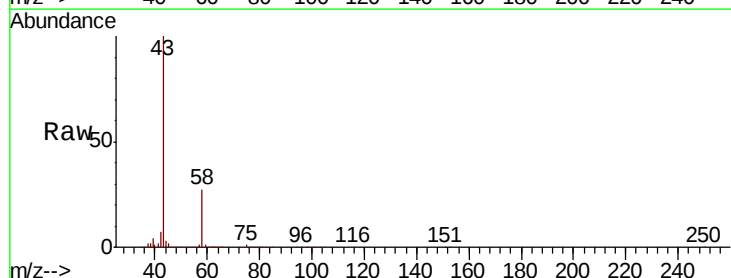
Acq: 12 Oct 2018 21:24

Tgt Ion: 43 Resp: 428819

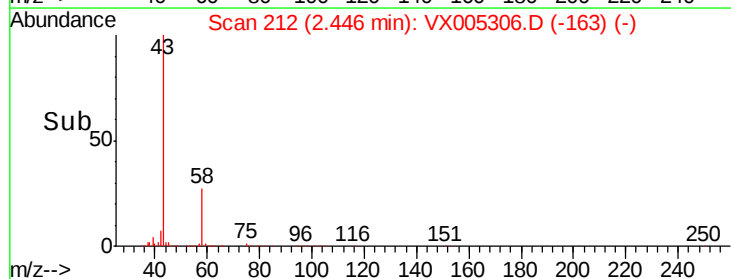
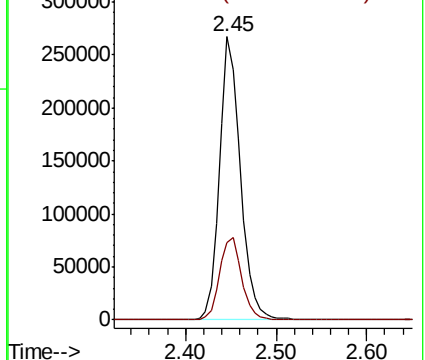
Ion Ratio Lower Upper

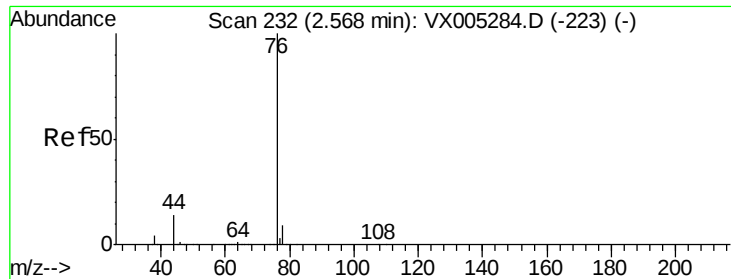
43 100

58 27.2 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.645 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

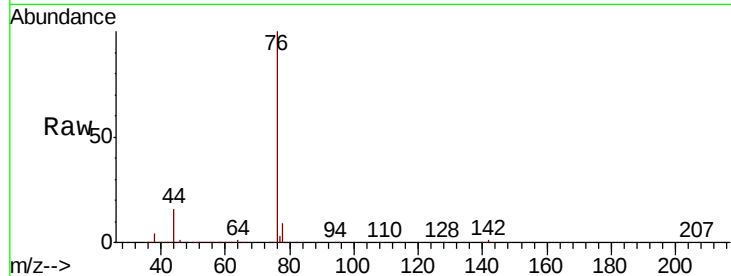
ClientSampleId :

Tot Ion: 76 Resp: 358940

Ion Ratio Lower Upper

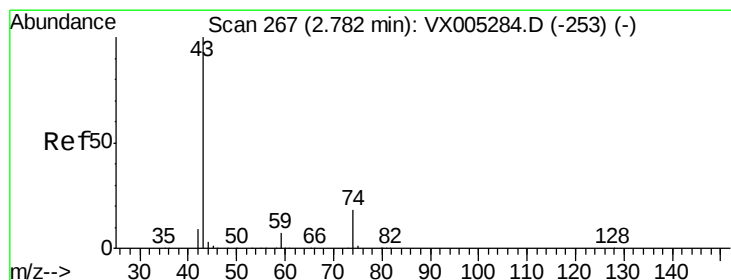
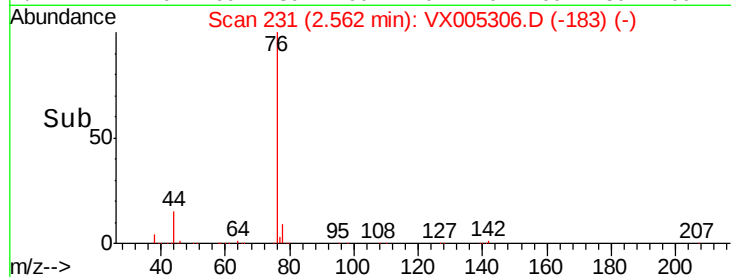
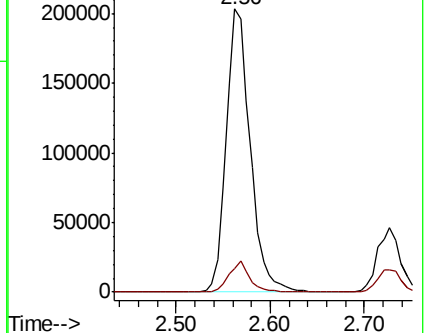
76 100

78 8.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 54.478 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005306.D

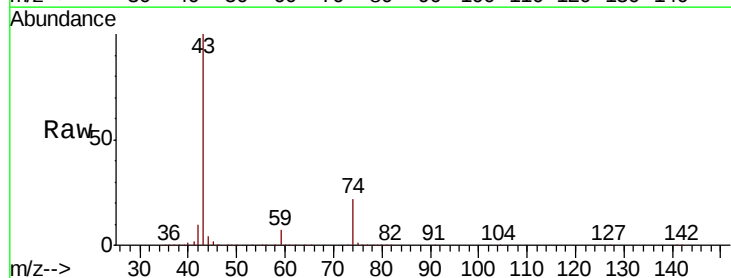
Acq: 12 Oct 2018 21:24

Tgt Ion: 43 Resp: 276597

Ion Ratio Lower Upper

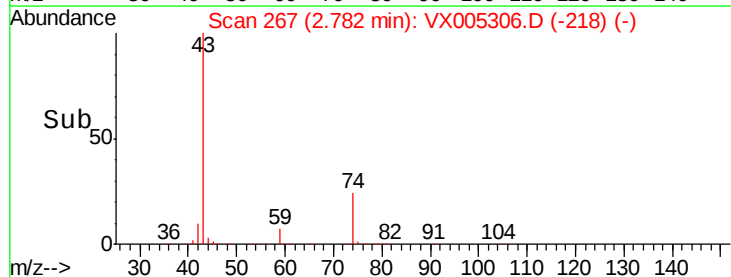
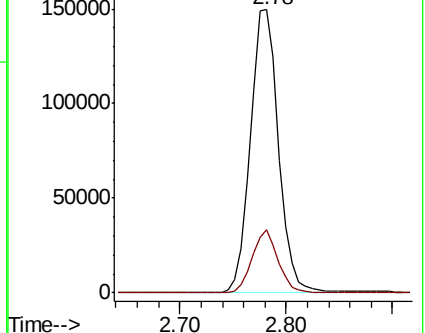
43 100

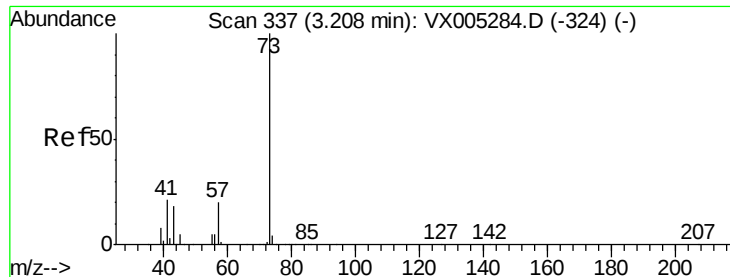
74 20.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



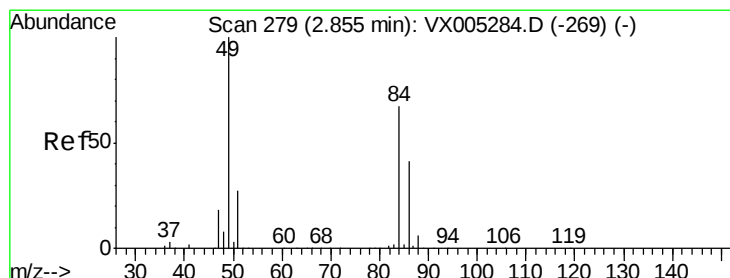
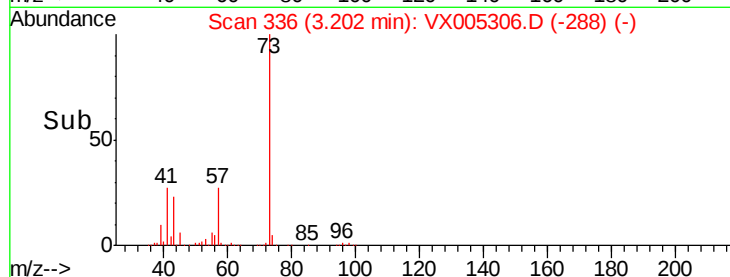
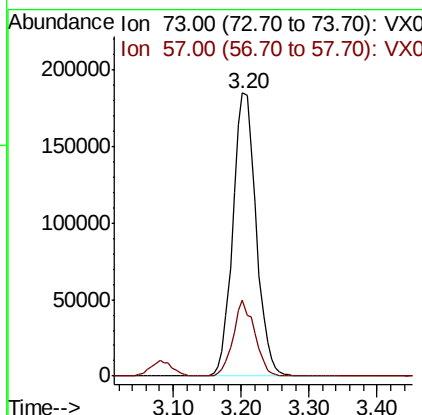
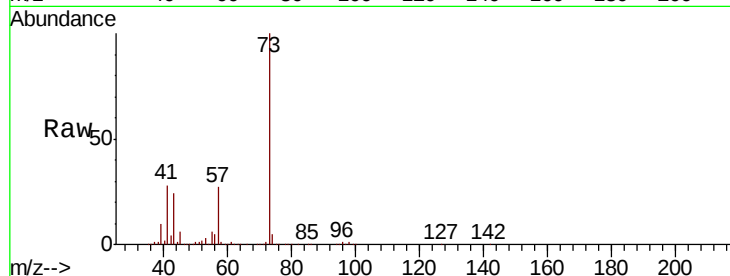


#19

Methyl tert-butyl Ether
 Concen: 51.276 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.01 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :

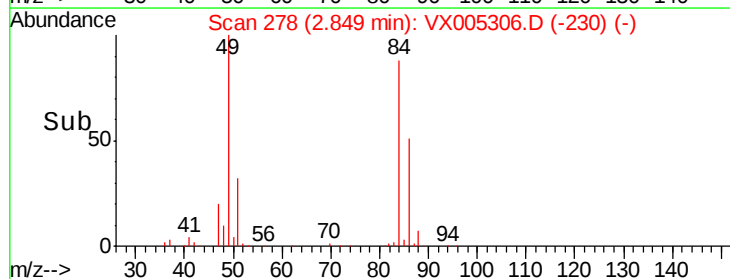
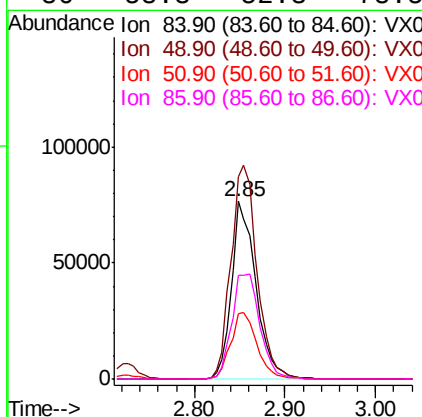
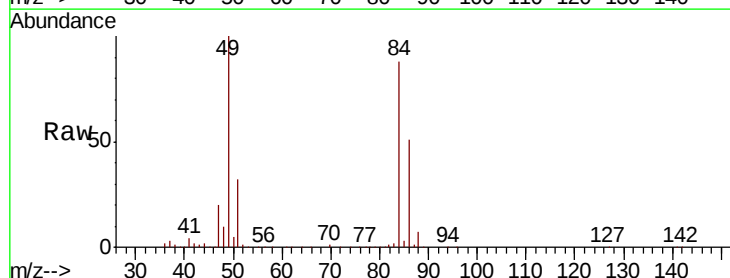
Tot Ion: 73 Resp: 439876
 Ion Ratio Lower Upper
 73 100
 57 26.6 17.1 25.7#

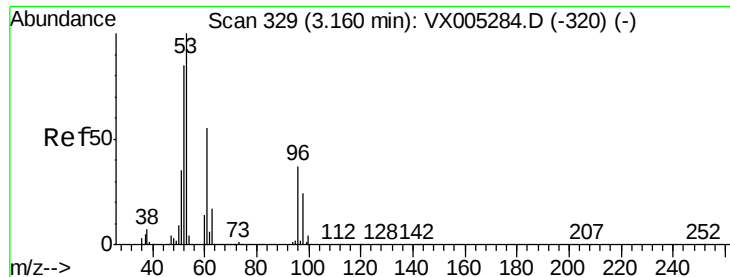


#20

Methylene Chloride
 Concen: 55.425 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. -0.01 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Tgt Ion: 84 Resp: 143754
 Ion Ratio Lower Upper
 84 100
 49 113.8 101.2 151.8
 51 36.6 29.5 44.3
 86 58.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 53.486 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

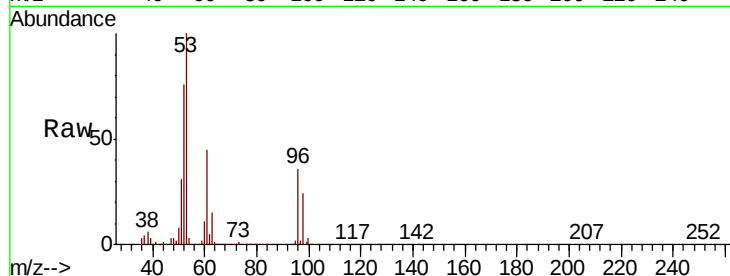
Tot Ion: 96 Resp: 144378

Ion Ratio Lower Upper

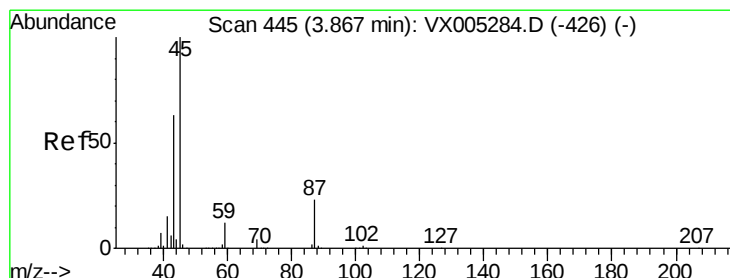
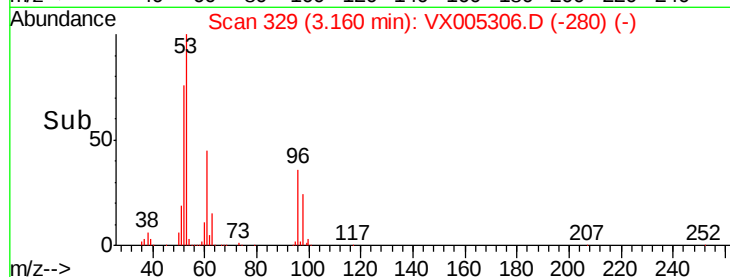
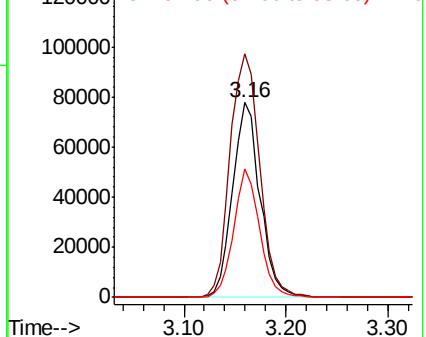
96 100

61 124.6 113.8 170.6

98 65.6 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: 55.247 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Tgt Ion: 45 Resp: 496249

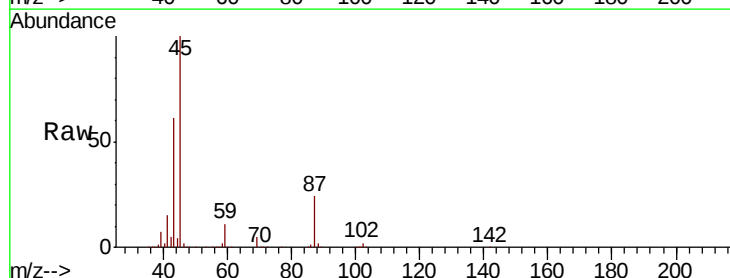
Ion Ratio Lower Upper

45 100

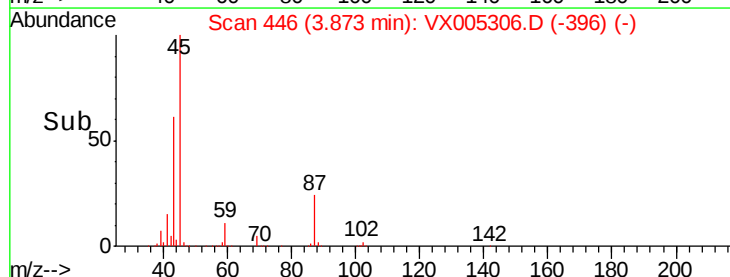
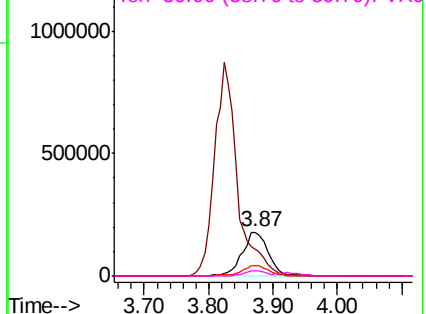
43 60.8 42.8 64.2

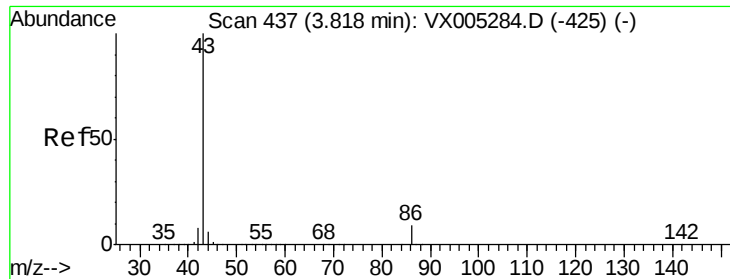
87 23.8 22.6 34.0

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: 278.836 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

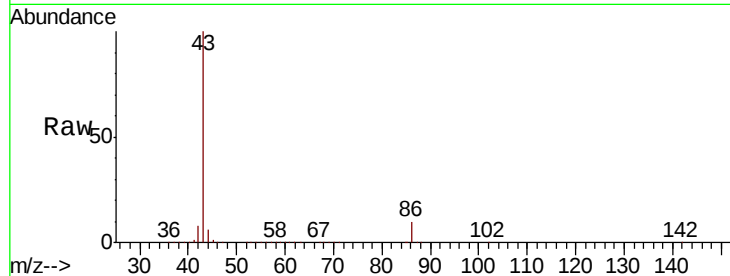
ClientSampleId :

Tot Ion: 43 Resp: 2189095

Ion Ratio Lower Upper

43 100

86 10.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX005284.D (-425) (-)

Ion 86.00 (85.70 to 86.70): VX005284.D (-425) (-)

3.82

800000

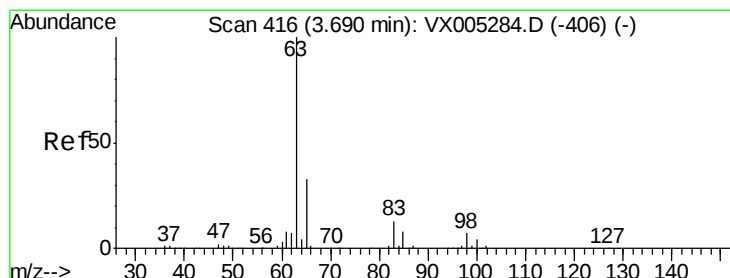
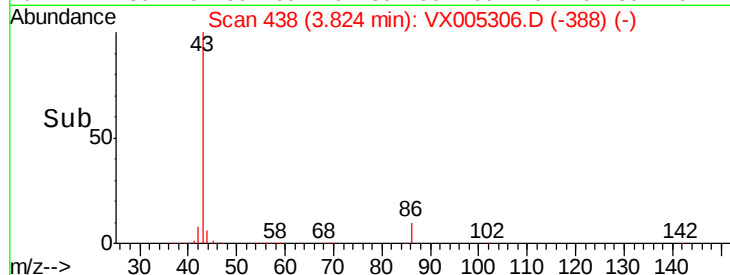
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.290 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

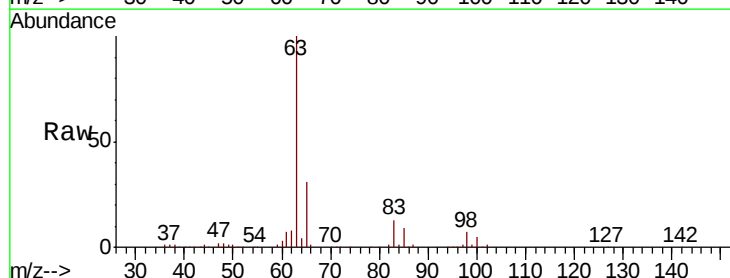
Tgt Ion: 63 Resp: 258887

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 5.0 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX005284.D (-406) (-)

Ion 97.90 (97.60 to 98.60): VX005284.D (-406) (-)

Ion 99.90 (99.60 to 100.60): VX005284.D (-406) (-)

3.70

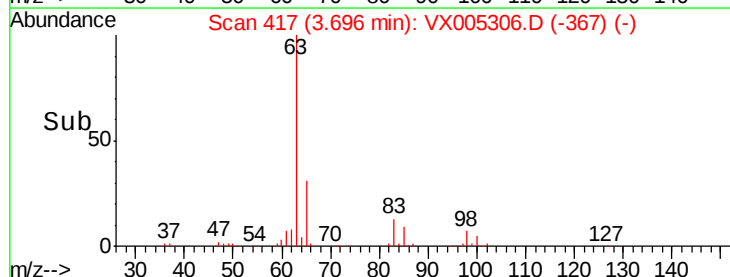
150000

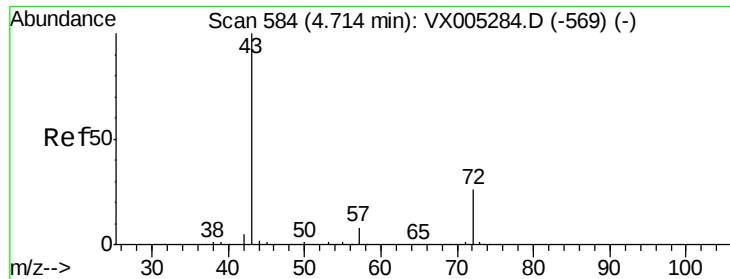
100000

50000

0

Time-->





#25

2-Butanone

Concen: 265.579 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

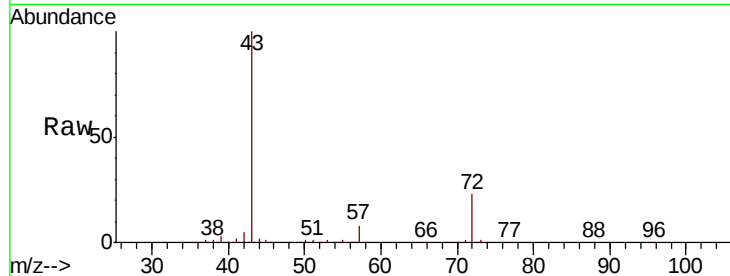
ClientSampled :

Tot Ion: 43 Resp: 693459

Ion Ratio Lower Upper

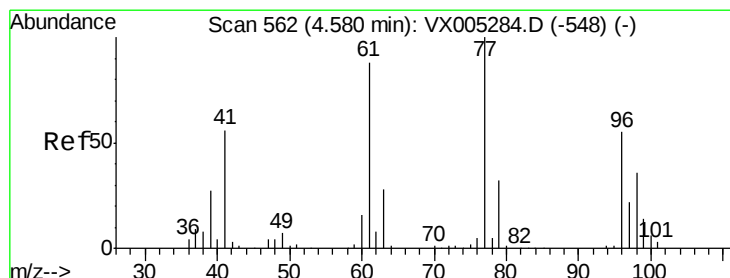
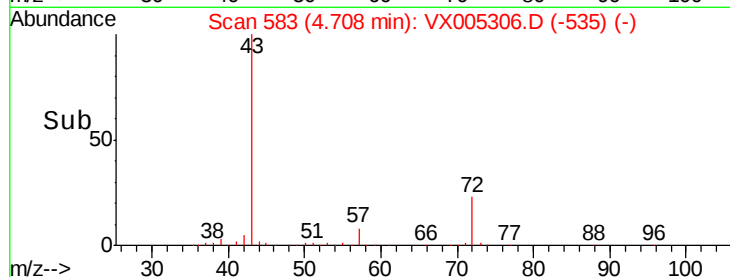
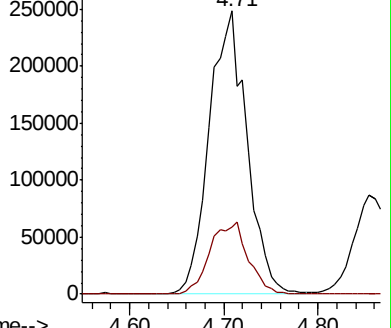
43 100

72 23.5 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX005284.D (-569) (-)

Ion 72.00 (71.70 to 72.70): VX005284.D (-569) (-)



#26

2,2-Dichloropropane

Concen: 47.516 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005306.D

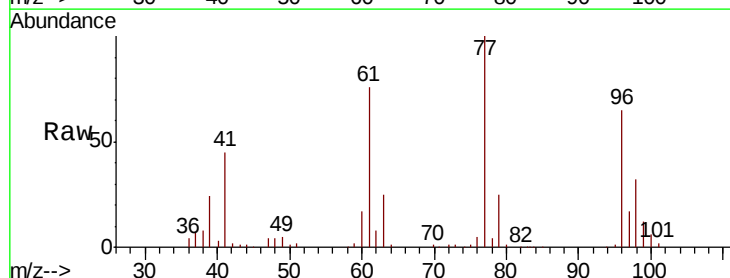
Acq: 12 Oct 2018 21:24

Tgt Ion: 77 Resp: 182939

Ion Ratio Lower Upper

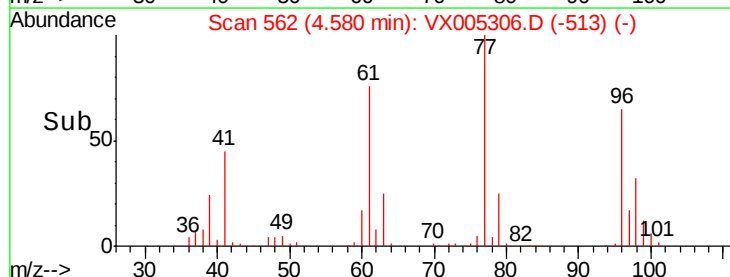
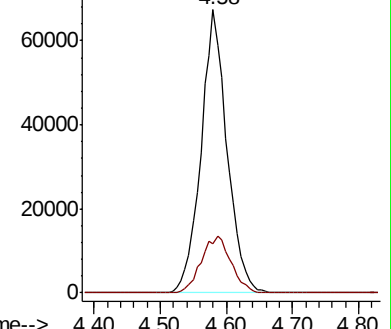
77 100

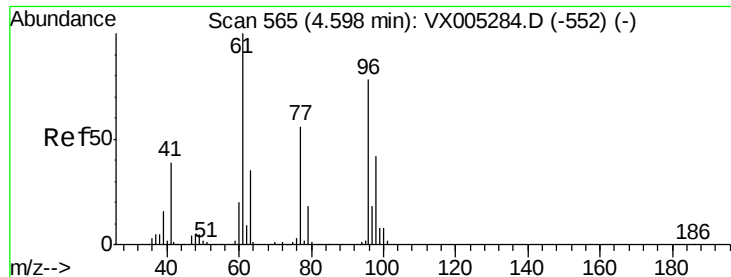
97 23.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX005284.D (-548) (-)

Ion 96.90 (96.60 to 97.60): VX005284.D (-548) (-)



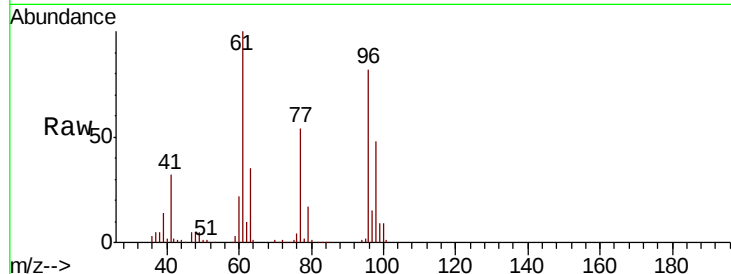


#27

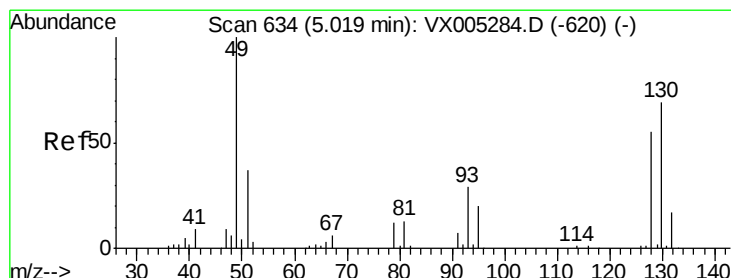
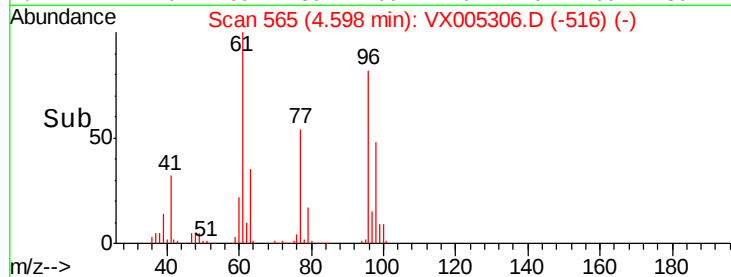
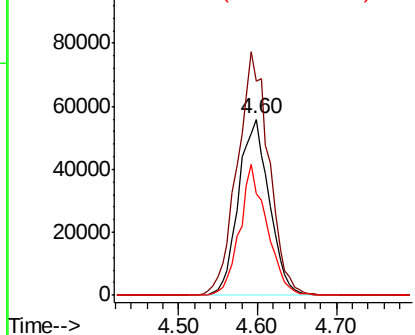
cis-1,2-Dichloroethene
Concen: 51.824 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 152032
Ion Ratio Lower Upper
96 100
61 141.7 0.0 282.6
98 65.7 0.0 130.2



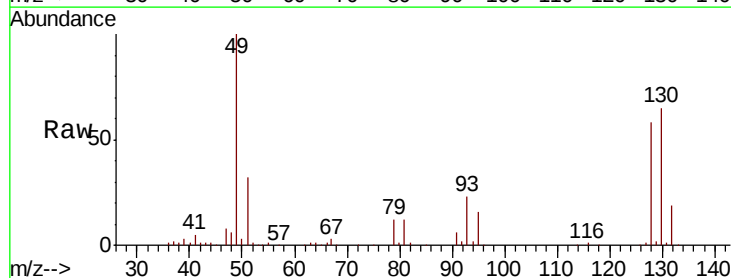
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



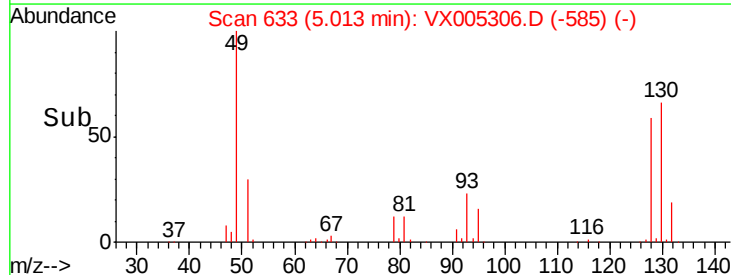
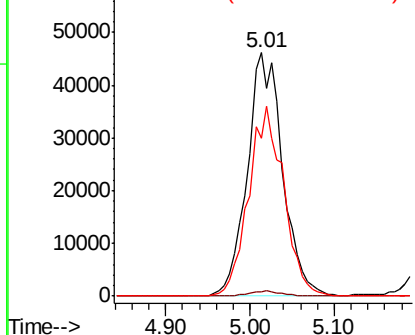
#28

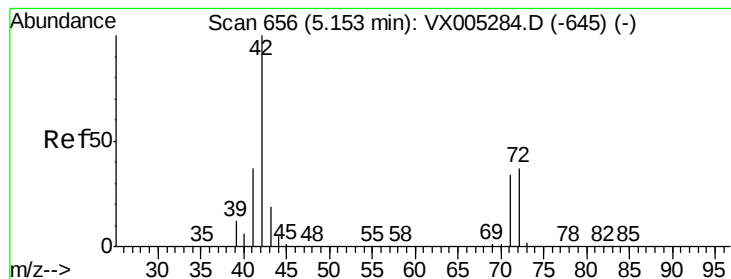
Bromochloromethane
Concen: 56.128 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion: 49 Resp: 131720
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 76.9 67.5 101.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 261.699 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

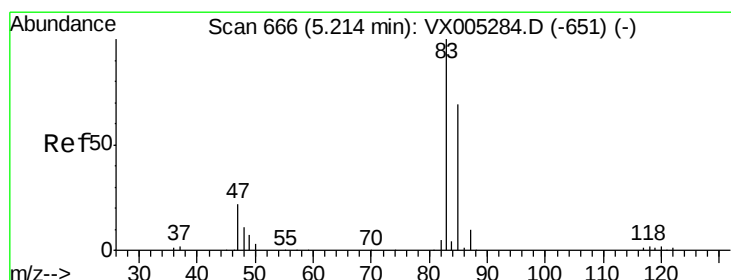
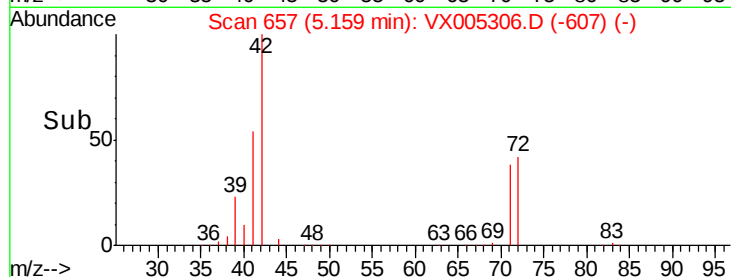
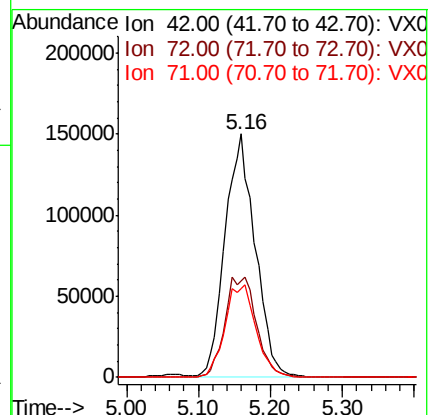
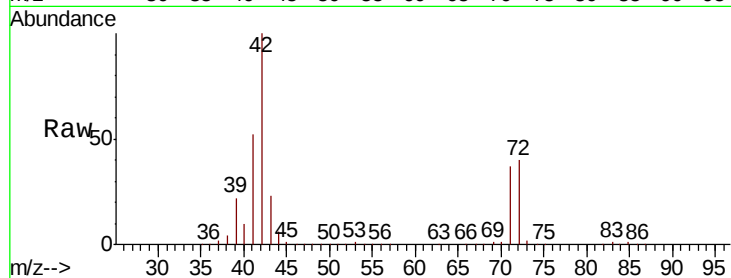
Tot Ion: 42 Resp: 435875

Ion Ratio Lower Upper

42 100

72 43.6 37.4 56.0

71 39.5 34.5 51.7



#30

Chloroform

Concen: 54.268 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX005306.D

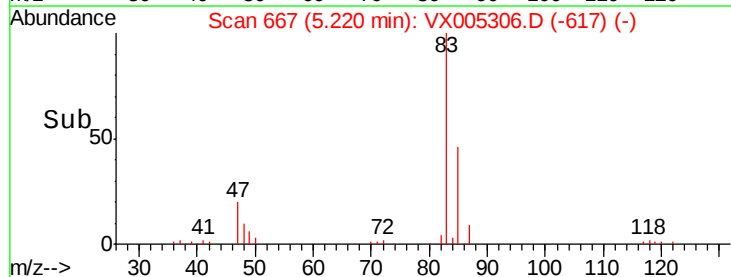
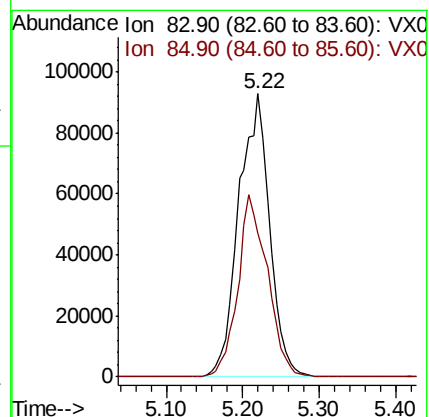
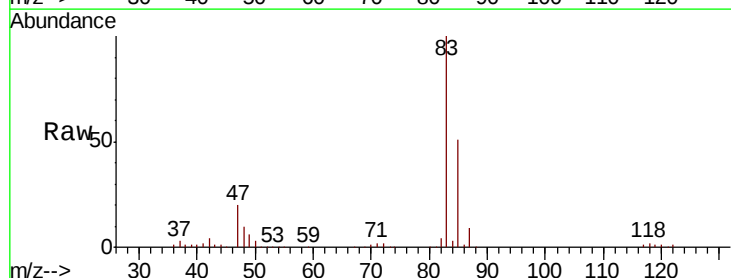
Acq: 12 Oct 2018 21:24

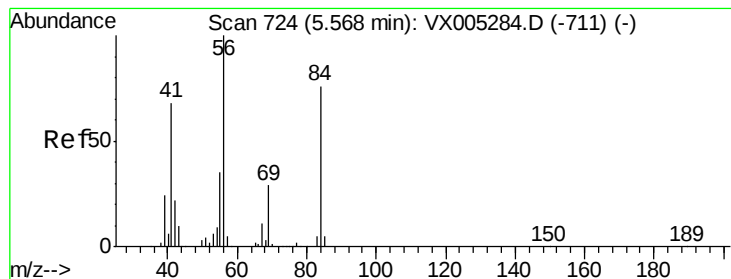
Tgt Ion: 83 Resp: 259302

Ion Ratio Lower Upper

83 100

85 51.0 52.6 79.0#





#31

Cyclohexane

Concen: 52.430 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

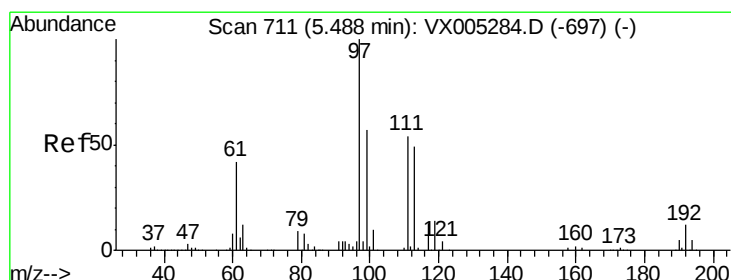
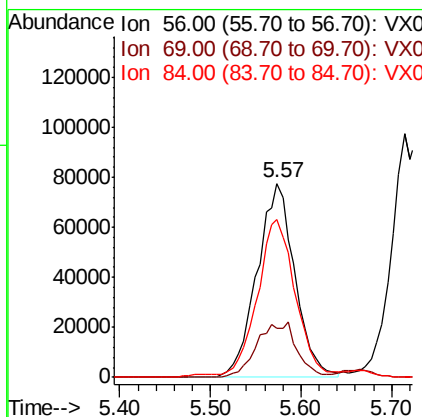
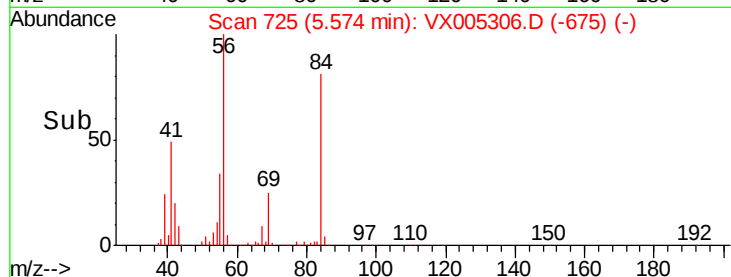
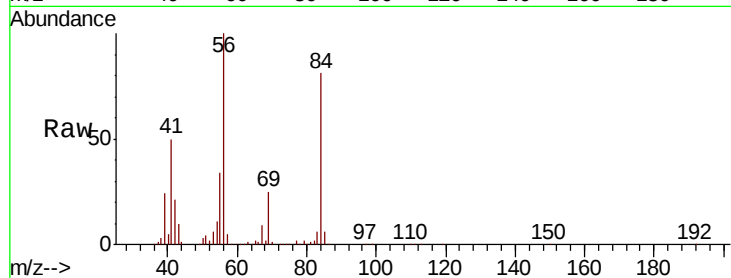
Tot Ion: 56 Resp: 222456

Ion Ratio Lower Upper

56 100

69 25.3 25.4 38.2#

84 80.1 71.4 107.2



#32

1,1,1-Trichloroethane

Concen: 51.528 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

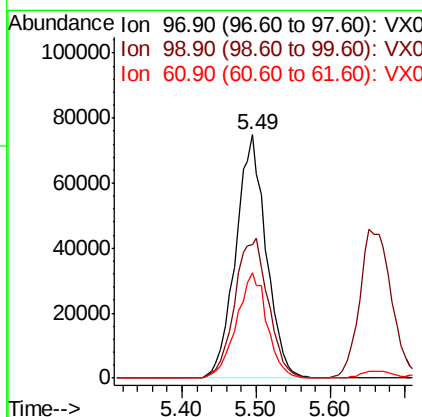
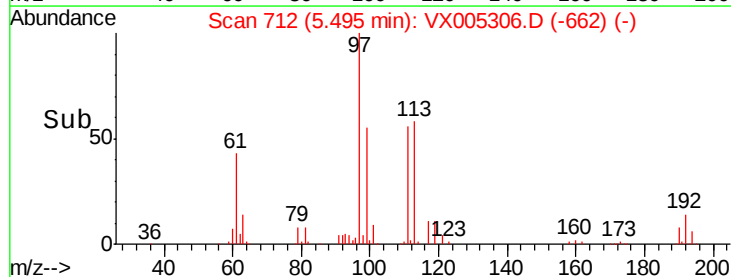
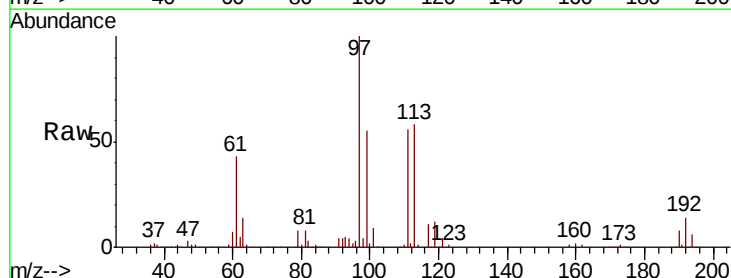
Tgt Ion: 97 Resp: 214232

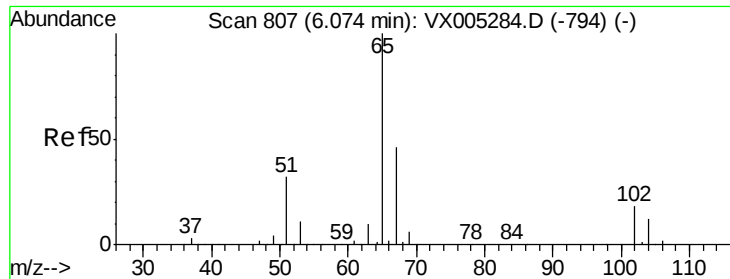
Ion Ratio Lower Upper

97 100

99 63.5 52.0 78.0

61 43.5 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 50.135 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

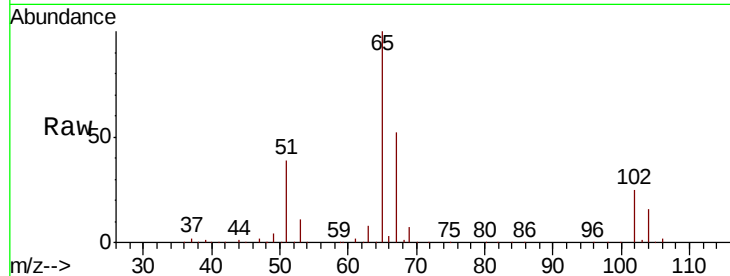
ClientSampleId :

Tot Ion: 65 Resp: 154745

Ion Ratio Lower Upper

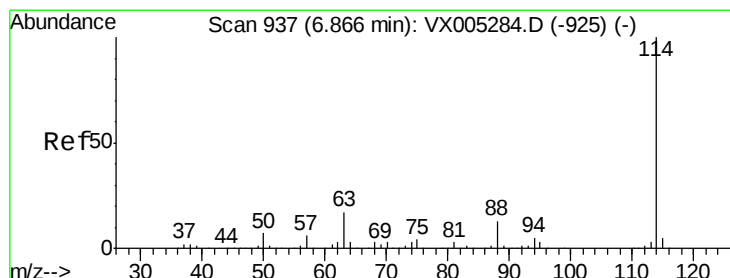
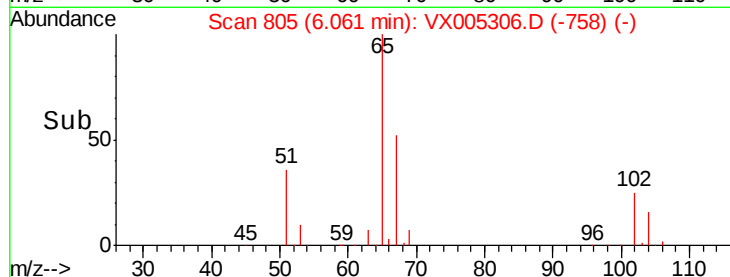
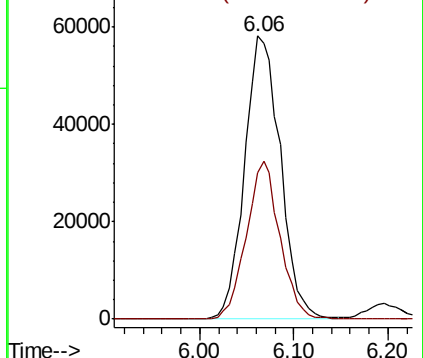
65 100

67 52.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

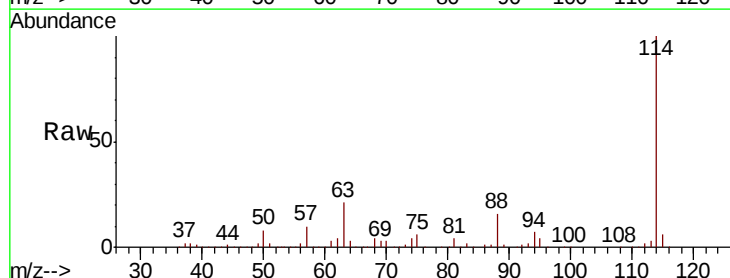
Tgt Ion: 114 Resp: 367693

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.0

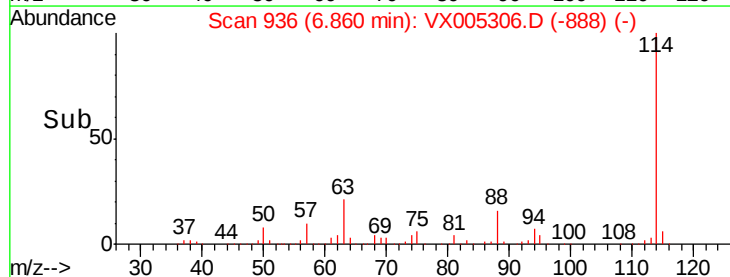
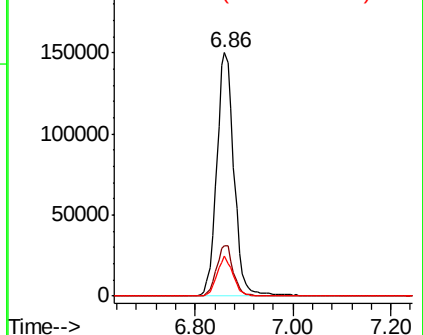
88 16.3 0.0 30.4

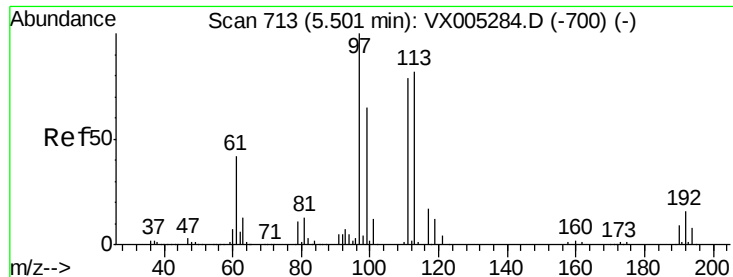


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 54.344 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :

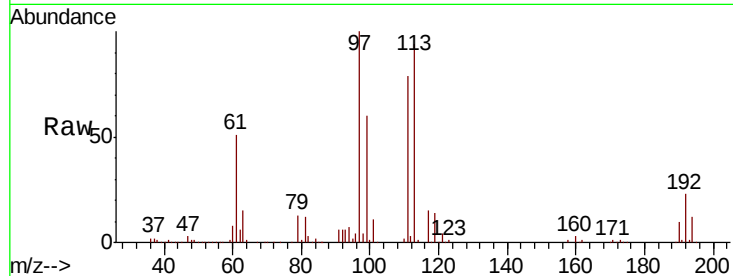
Tot Ion:113 Resp: 132346

Ion Ratio Lower Upper

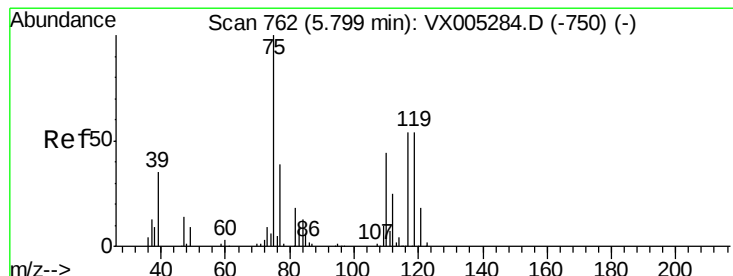
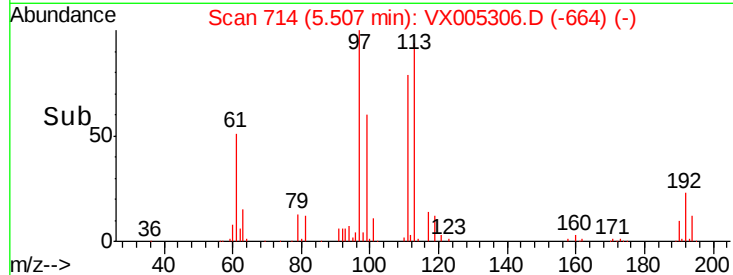
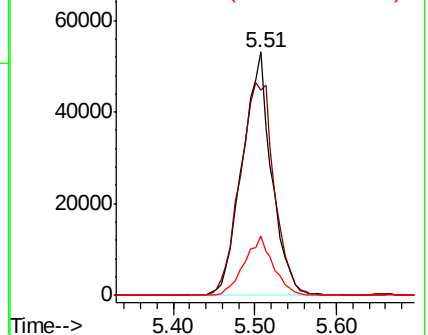
113 100

111 102.0 82.4 123.6

192 24.1 19.4 29.2



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



#36

1,1-Dichloropropene

Concen: 54.569 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

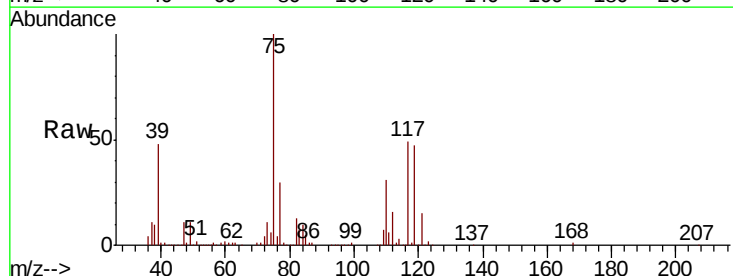
Tgt Ion: 75 Resp: 194324

Ion Ratio Lower Upper

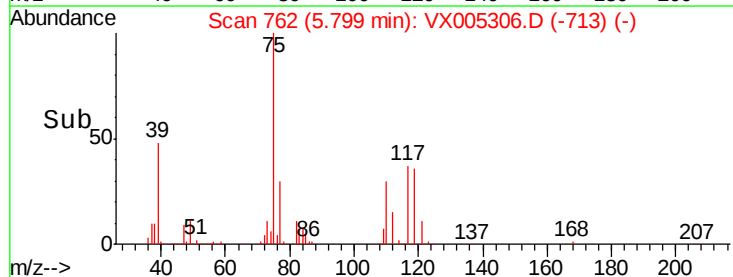
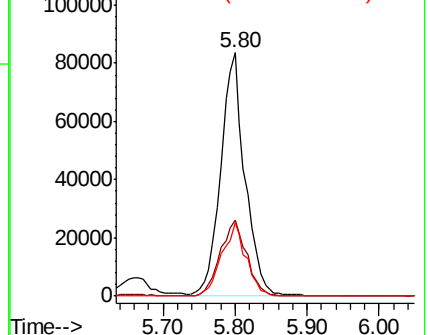
75 100

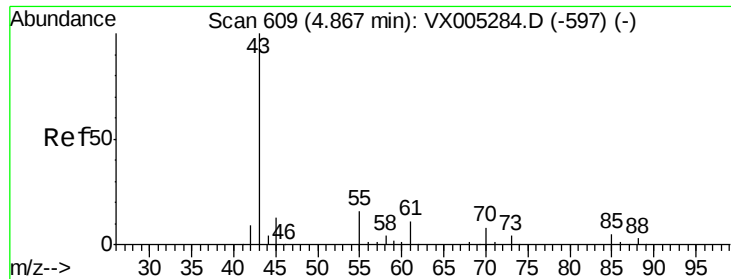
110 34.2 18.0 54.0

77 30.6 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

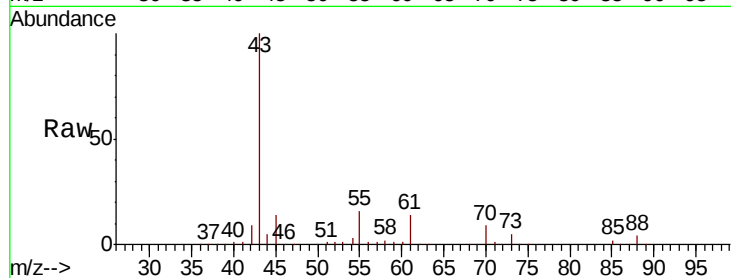




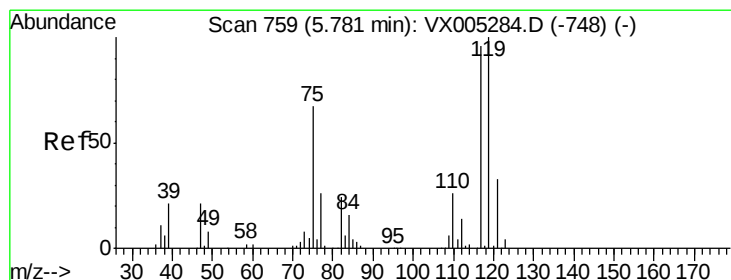
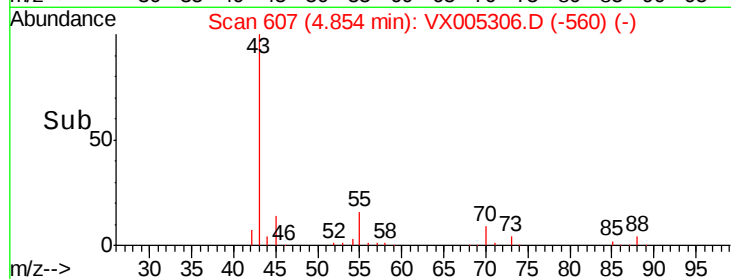
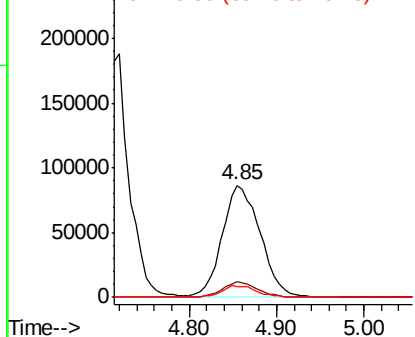
#37
Ethyl Acetate
Concen: 56.431 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 258436
Ion Ratio Lower Upper
43 100
61 13.0 11.5 17.3
70 9.8 9.0 13.6

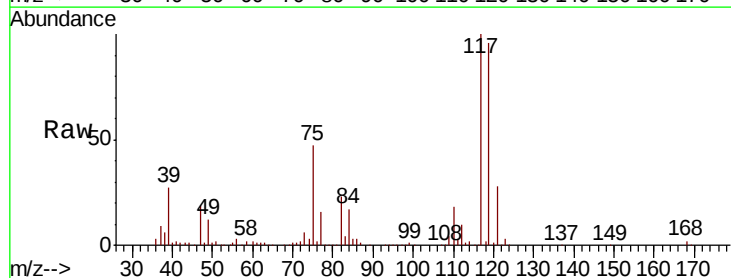


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

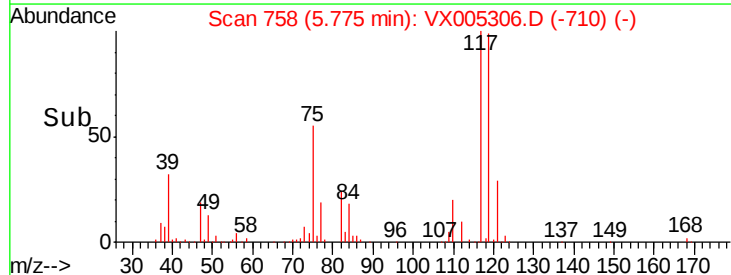
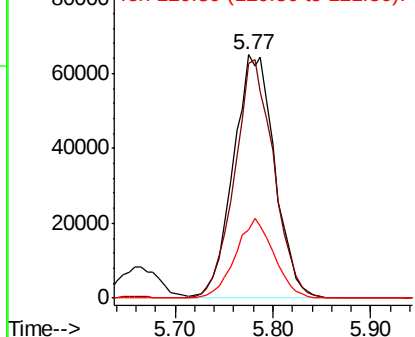


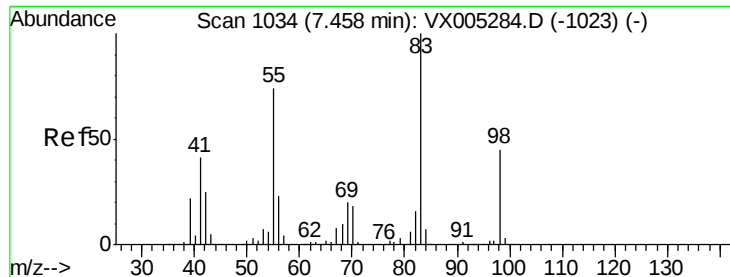
#38
Carbon Tetrachloride
Concen: 52.968 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion: 117 Resp: 189528
Ion Ratio Lower Upper
117 100
119 96.4 78.8 118.2
121 27.9 24.9 37.3



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

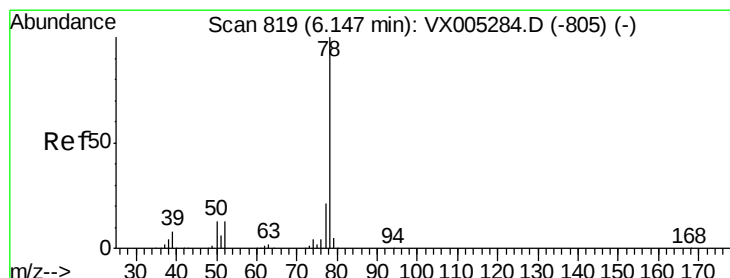
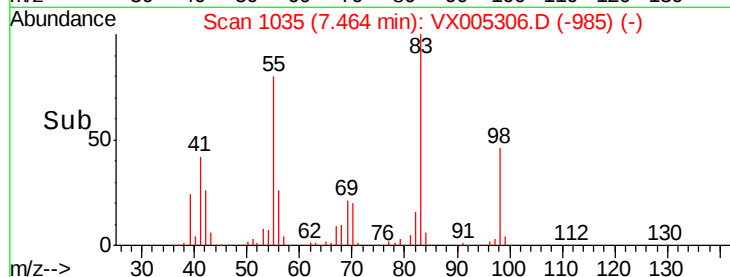
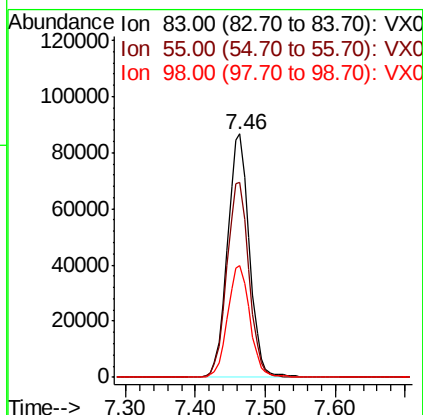
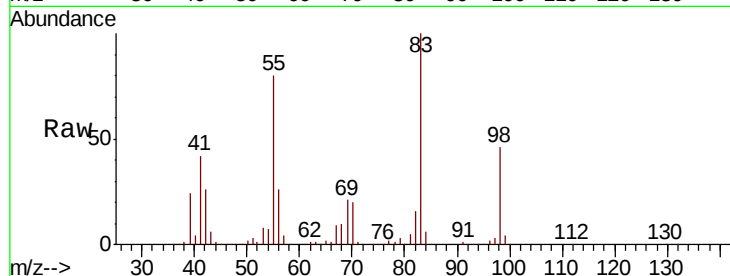




#39
Methvlcvclohexane
Concen: 48.714 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

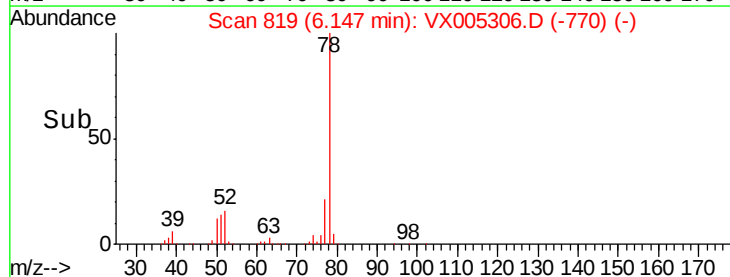
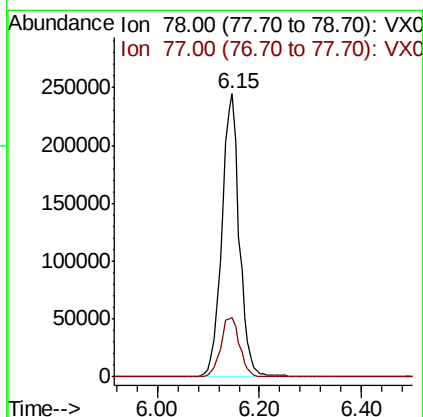
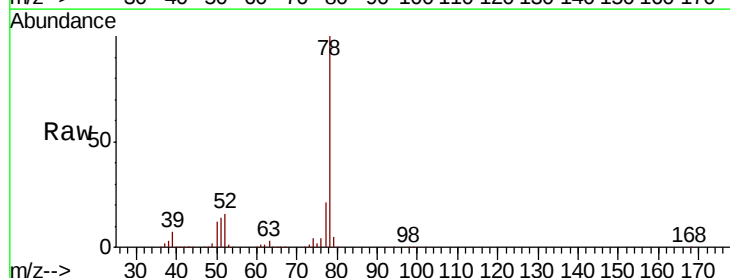
Instrument :
MSVOA_X
ClientSampleId :

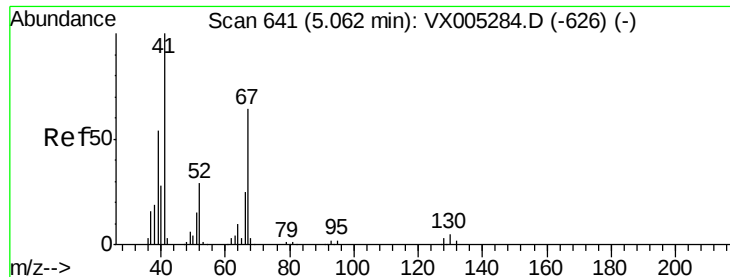
Tot Ion: 83 Resp: 187748
Ion Ratio Lower Upper
83 100
55 79.9 61.0 91.4
98 46.0 39.6 59.4



#40
Benzene
Concen: 54.480 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion: 78 Resp: 581982
Ion Ratio Lower Upper
78 100
77 21.0 19.0 28.4





#41

Methacrylonitrile

Concen: 54.956 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 134926

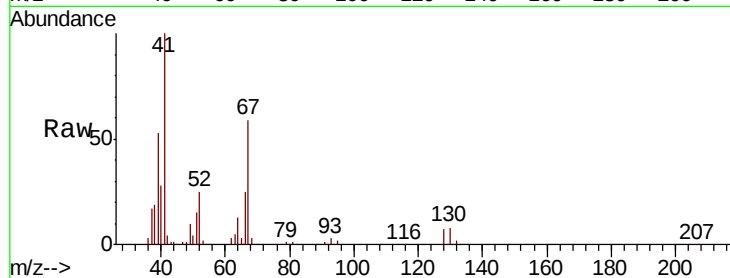
Ion Ratio Lower Upper

41 100

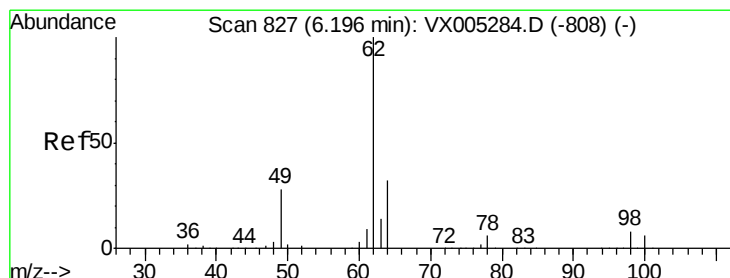
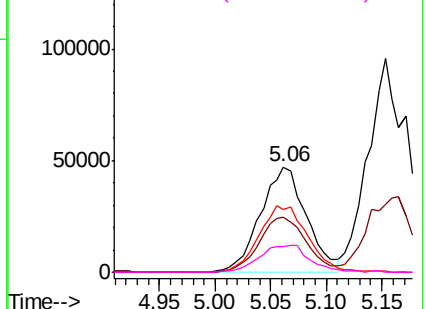
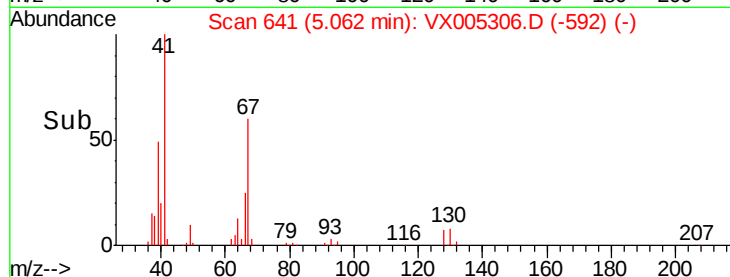
39 54.3 42.4 63.6

67 67.2 59.2 88.8

52 28.0 23.0 34.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
 150000 Ion 39.00 (38.70 to 39.70): VX0
 Ion 67.00 (66.70 to 67.70): VX0
 Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.843 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX005306.D

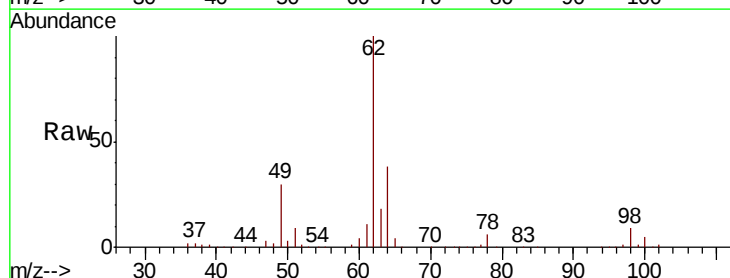
Acq: 12 Oct 2018 21:24

Tgt Ion: 62 Resp: 188006

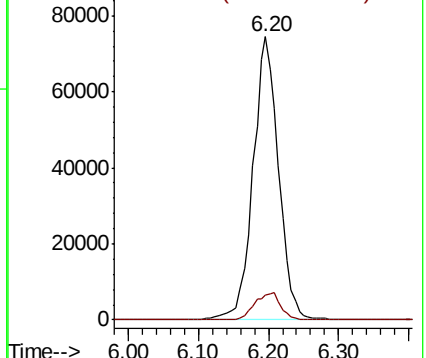
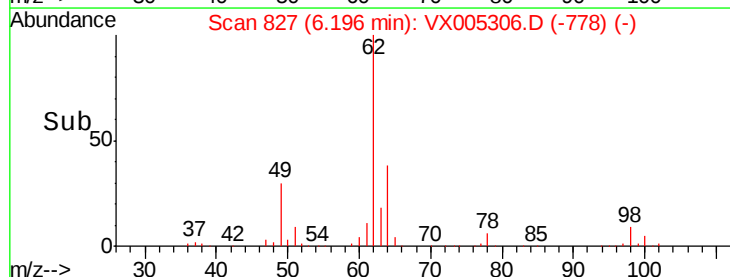
Ion Ratio Lower Upper

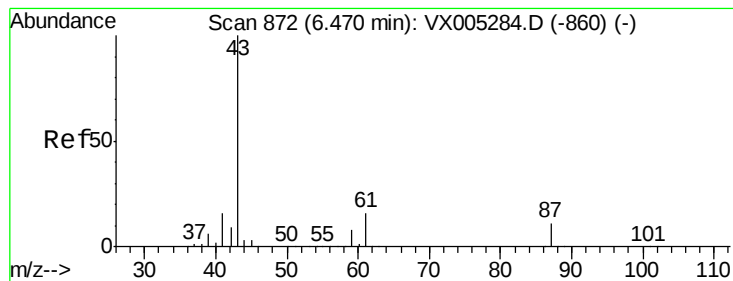
62 100

98 9.9 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 56.825 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

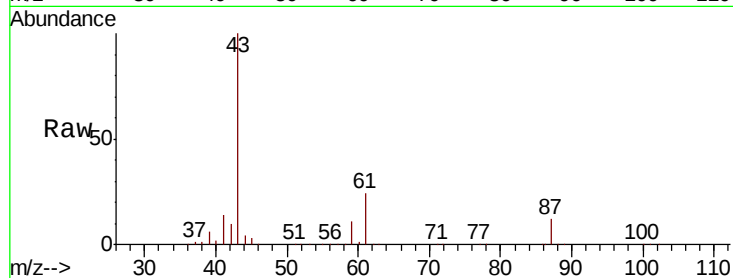
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 346659

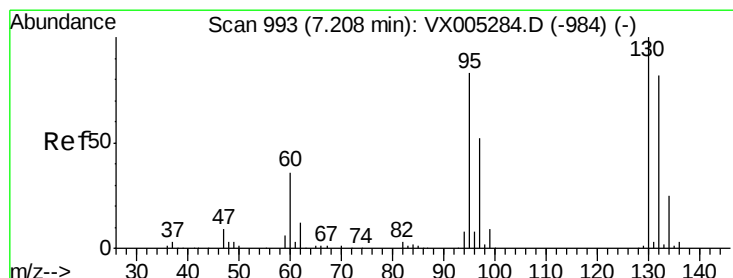
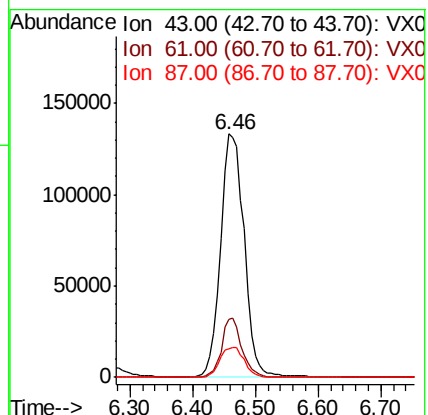
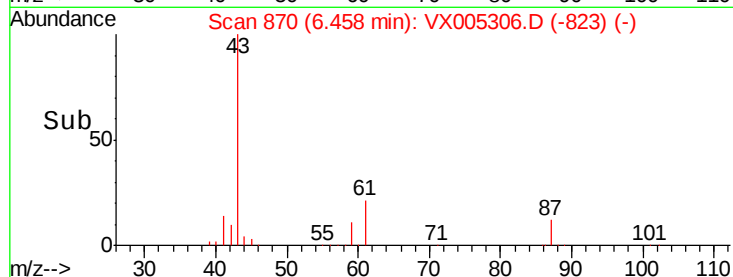
Ion	Ratio	Lower	Upper
43	100		
61	21.0	17.0	25.4
87	12.9	11.4	17.2



Abundance Ion 43.00 (42.70 to 43.70): VX005284.D (-860) (-)

Ion 61.00 (60.70 to 61.70): VX005284.D (-860) (-)

Ion 87.00 (86.70 to 87.70): VX005284.D (-860) (-)



#44

Trichloroethene

Concen: 49.184 ug/l

RT: 7.21 min Scan# 994

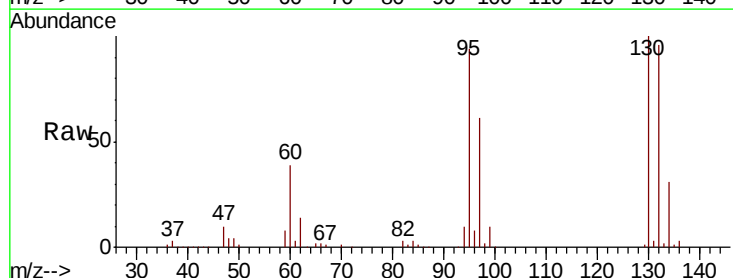
Delta R.T. 0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

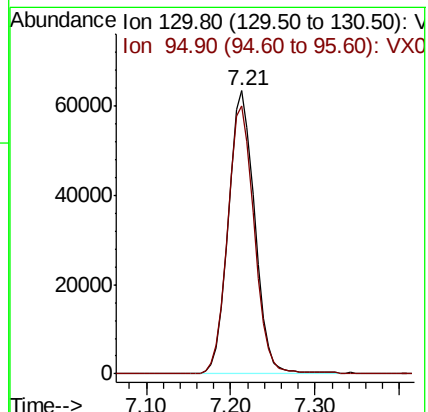
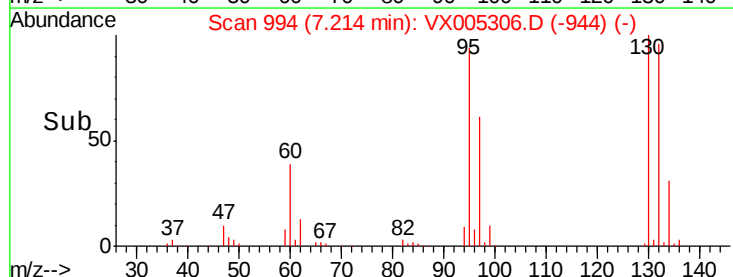
Tgt Ion: 130 Resp: 134181

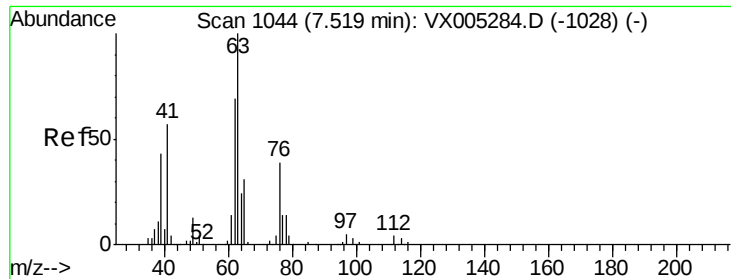
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	181.6



Abundance Ion 129.80 (129.50 to 130.50): VX005284.D (-984) (-)

Ion 94.90 (94.60 to 95.60): VX005284.D (-984) (-)

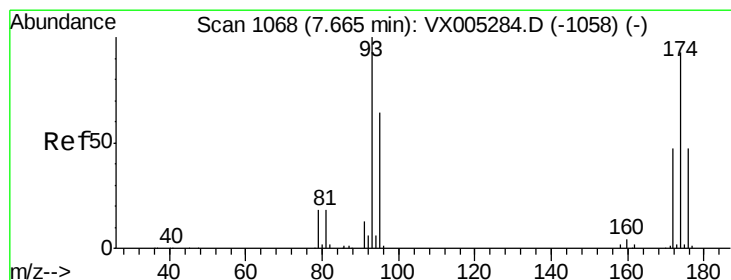
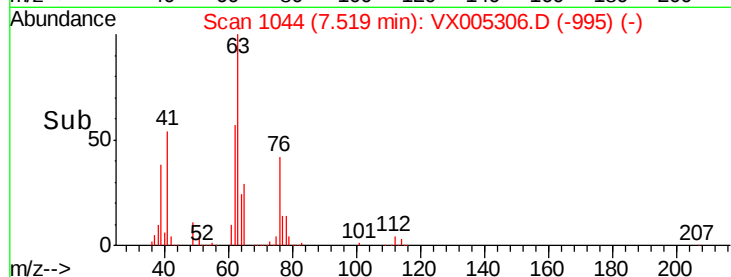
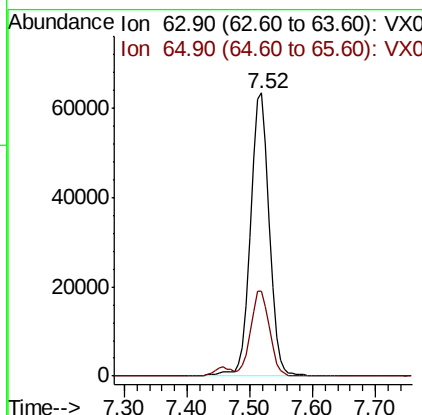
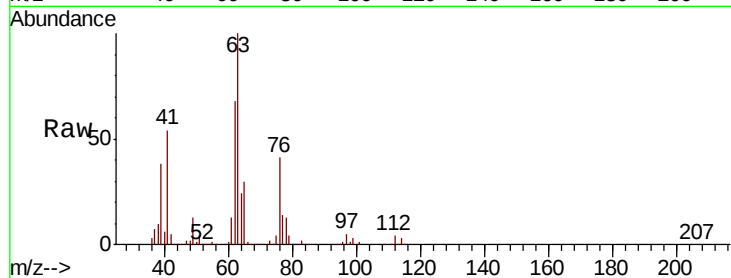




#45
 1,2-Dichloropropane
 Concen: 50.300 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

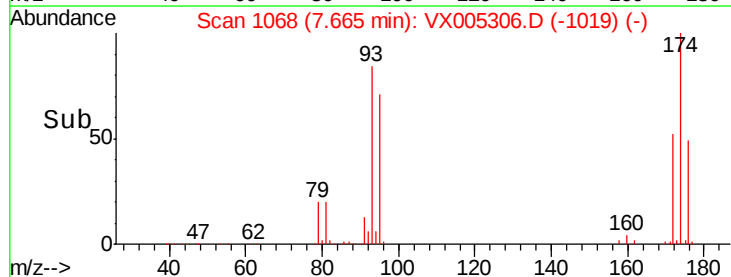
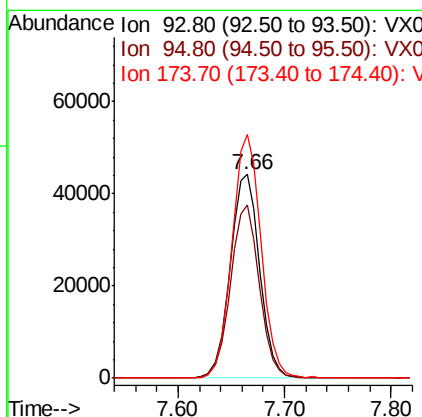
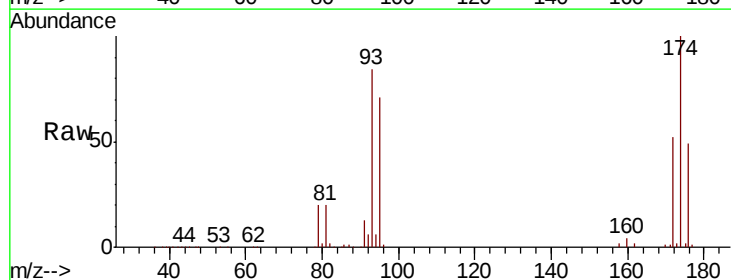
Instrument :
 MSVOA_X
 ClientSampleId :

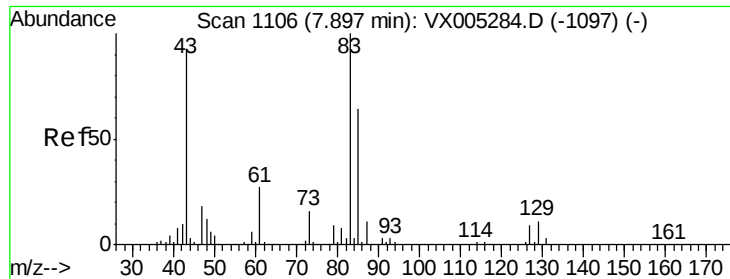
Tot Ion: 63 Resp: 131806
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.3 36.5



#46
 Dibromomethane
 Concen: 49.505 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Tgt Ion: 93 Resp: 85619
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.5 98.3
 174 118.4 94.2 141.4





#47

Bromodichloromethane

Concen: 51.895 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampled :

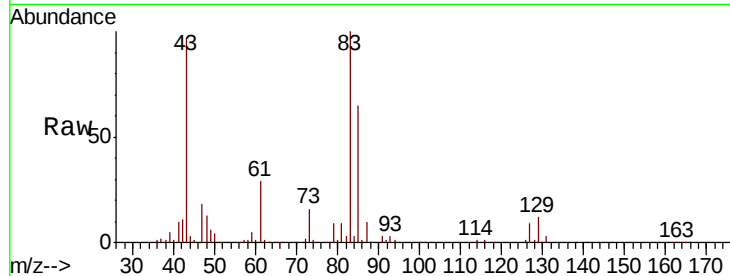
Tot Ion: 83 Resp: 166014

Ion Ratio Lower Upper

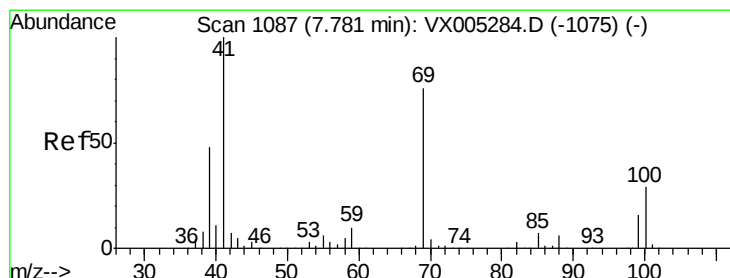
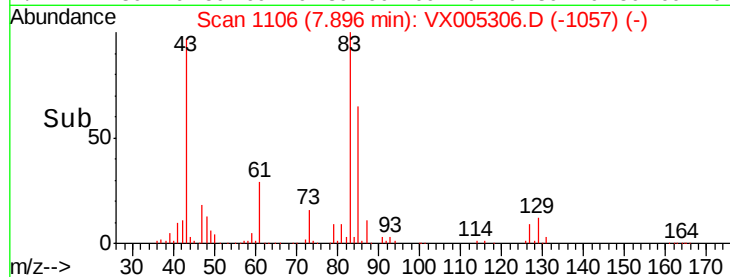
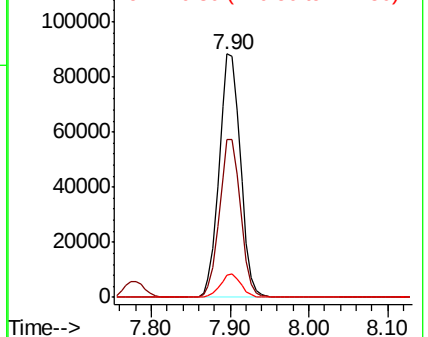
83 100

85 64.8 50.9 76.3

127 9.1 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.534 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

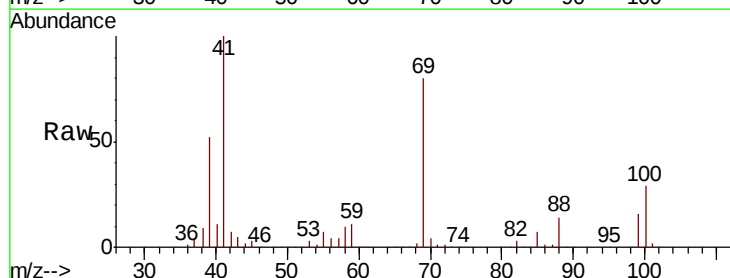
Tgt Ion: 41 Resp: 166219

Ion Ratio Lower Upper

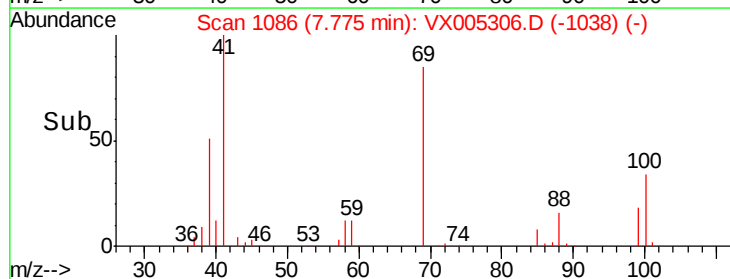
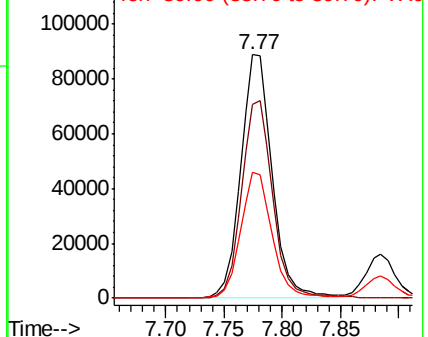
41 100

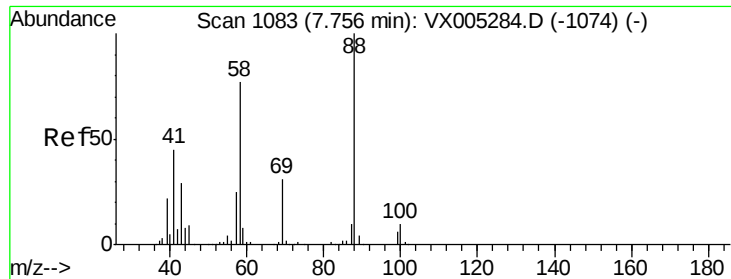
69 81.3 70.2 105.4

39 51.6 42.7 64.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

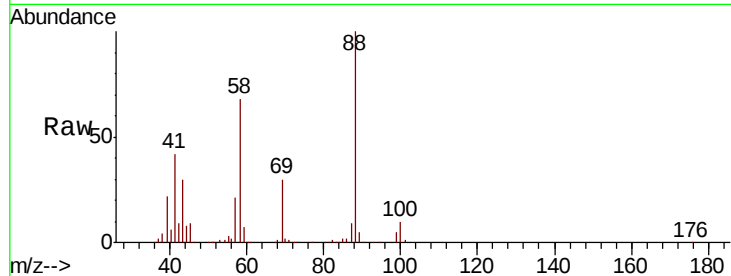




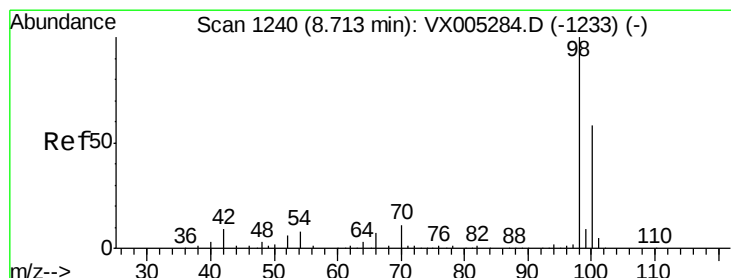
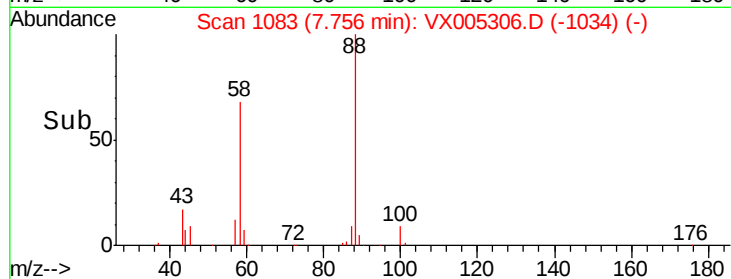
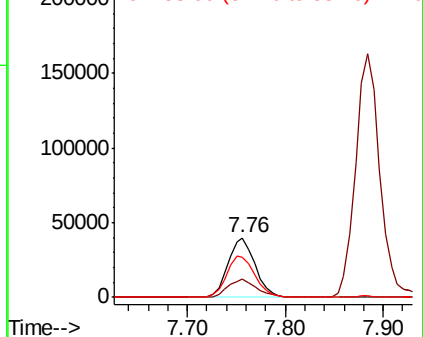
#49
1,4-Dioxane
Concen: 1040.781 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 75954
Ion Ratio Lower Upper
88 100
43 32.3 24.7 37.1
58 73.4 55.3 82.9

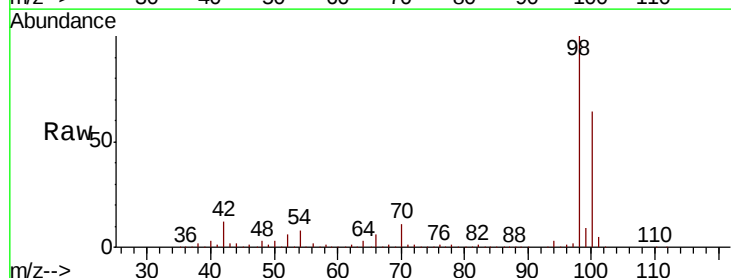


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

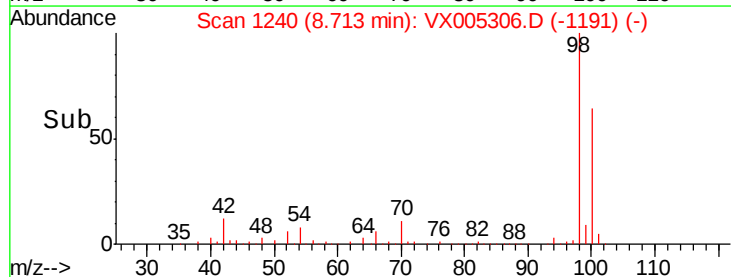
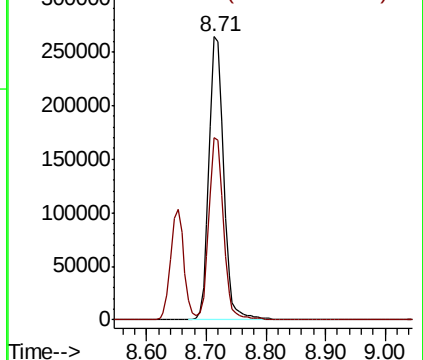


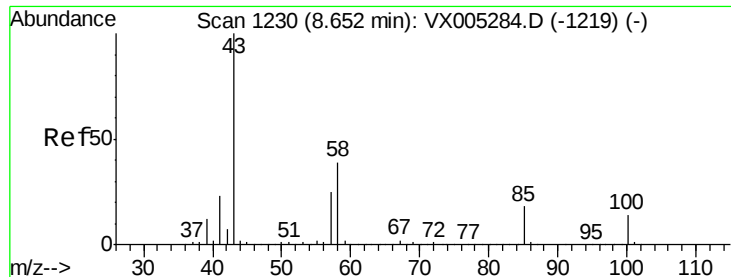
#50
Toluene-d8
Concen: 53.125 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion: 98 Resp: 444157
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

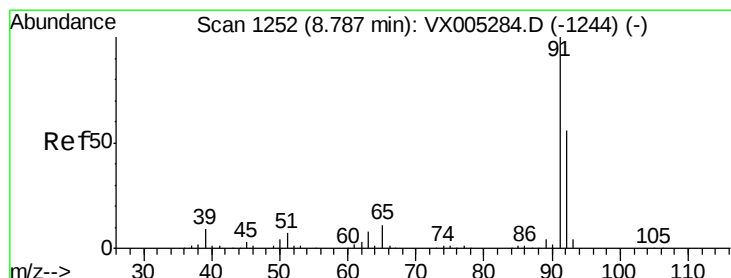
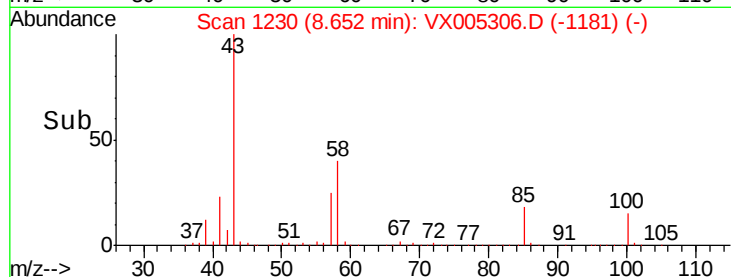
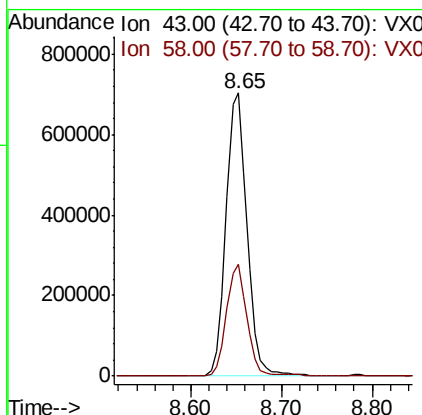
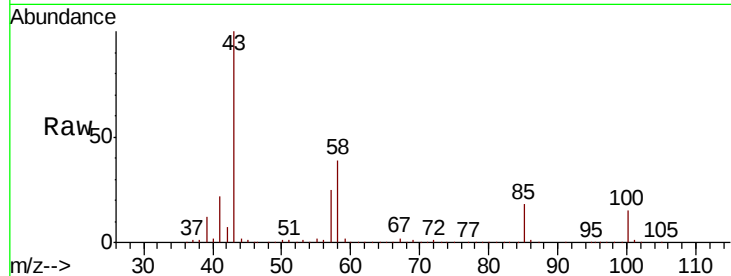




#51
4-Methyl-2-Pentanone
Concen: 268.086 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

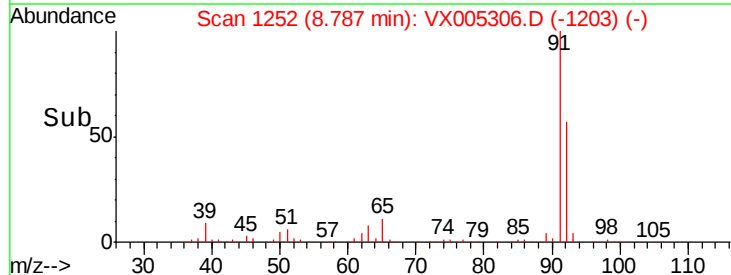
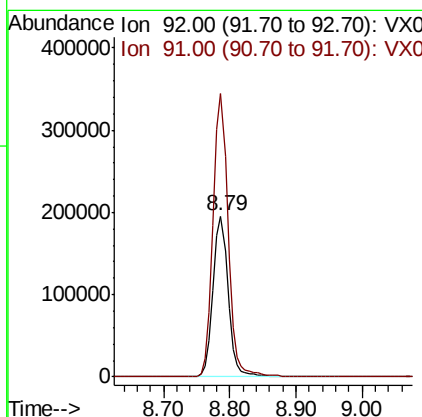
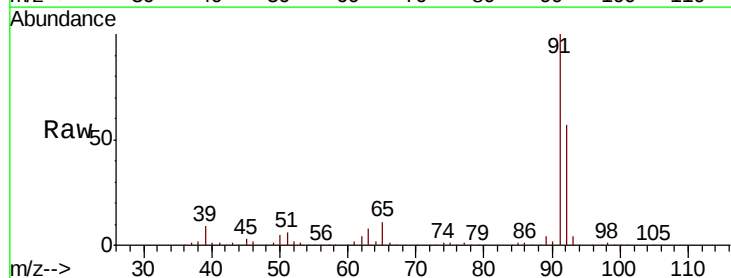
Instrument :
MSVOA_X
ClientSampleId :

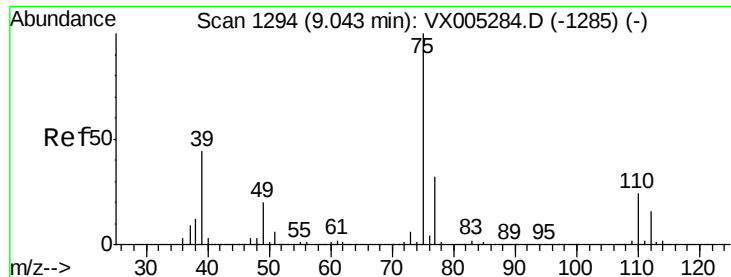
Tot Ion: 43 Resp: 1132417
Ion Ratio Lower Upper
43 100
58 38.9 33.1 49.7



#52
Toluene
Concen: 53.226 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion: 92 Resp: 311067
Ion Ratio Lower Upper
92 100
91 174.9 136.4 204.6

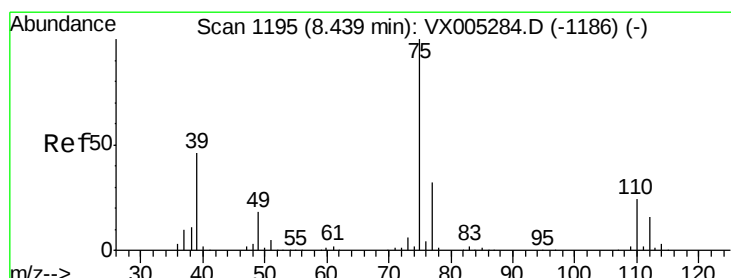
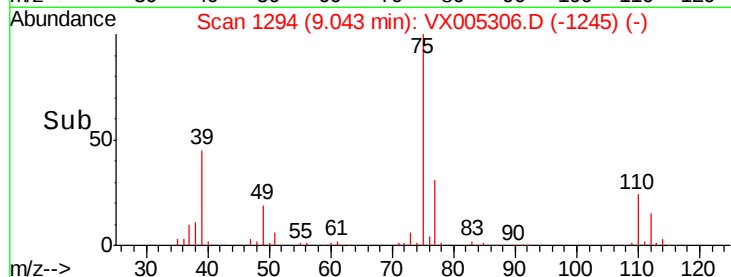
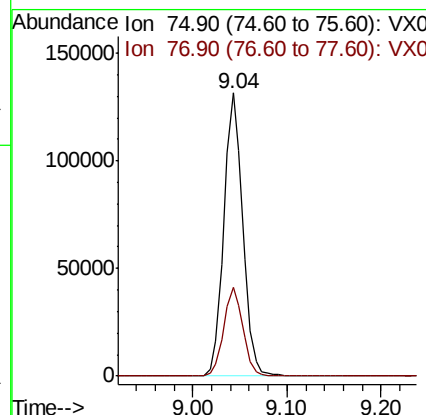
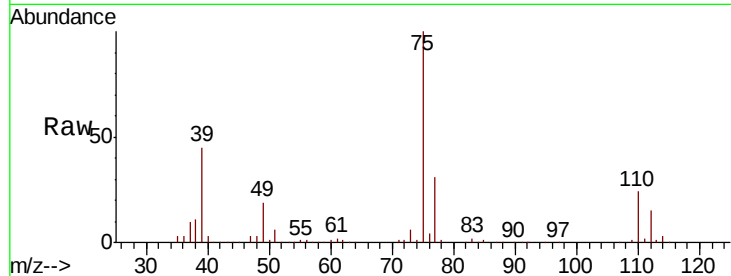




#53
 t-1,3-Dichloropropene
 Concen: 52.940 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

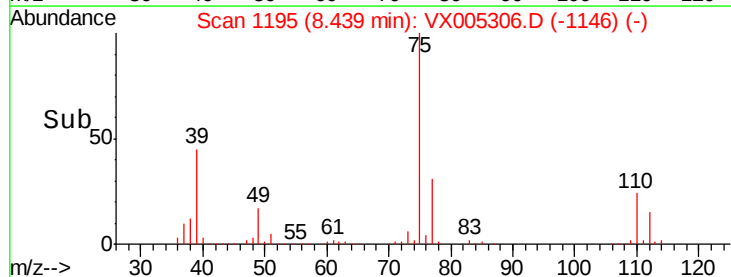
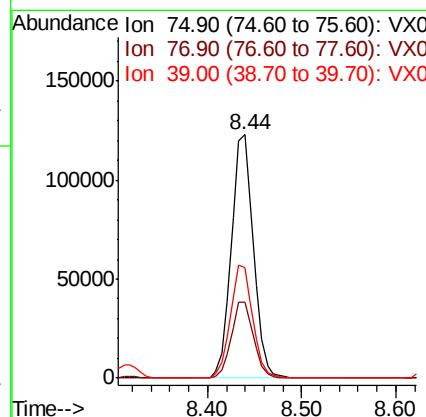
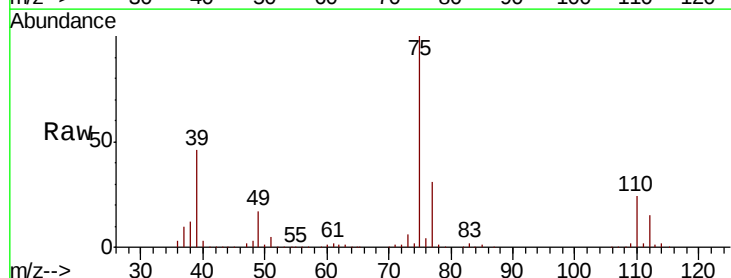
Instrument :
 MSVOA_X
 ClientSampled :

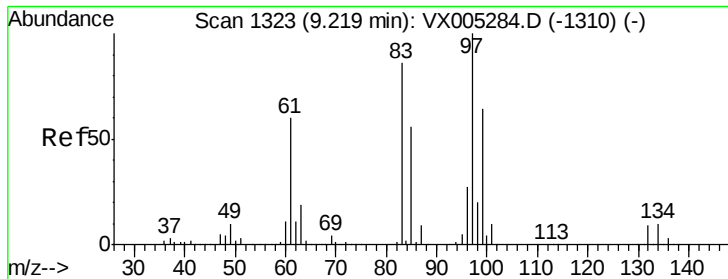
Tot Ion: 75 Resp: 183280
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.353 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Tgt Ion: 75 Resp: 200140
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.2 39.2
 39 45.4 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 51.830 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 128300

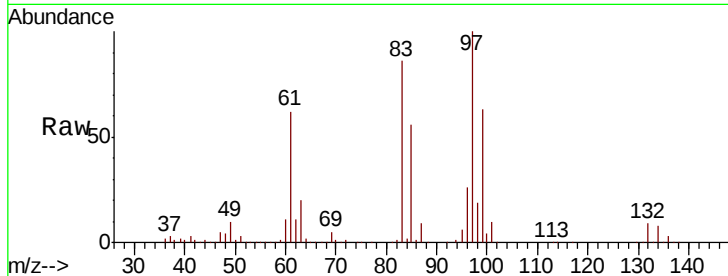
Ion Ratio Lower Upper

97 100

83 85.9 66.4 99.6

85 55.7 43.3 64.9

99 62.9 49.0 73.4

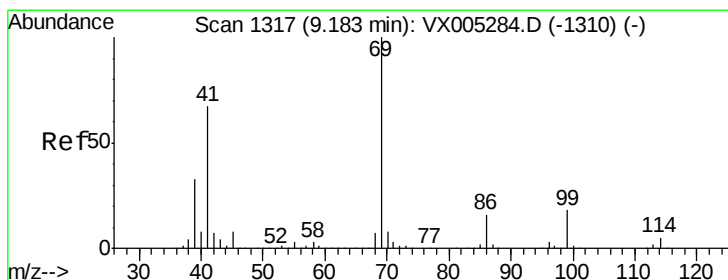
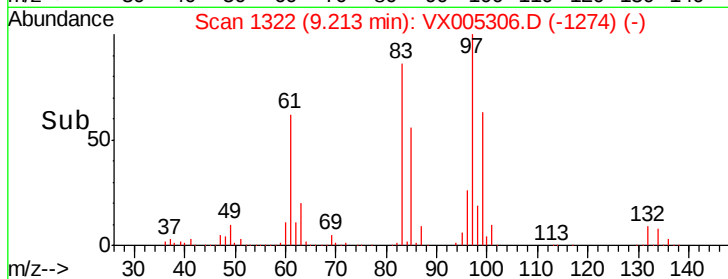
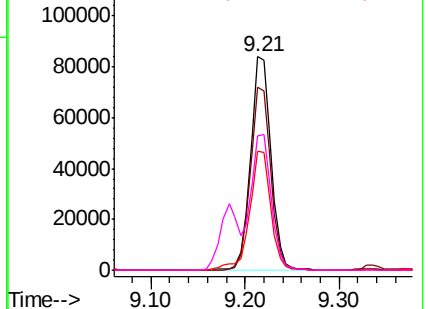


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 55.565 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

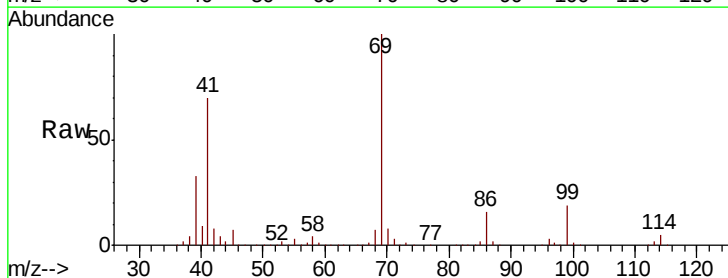
Tgt Ion: 69 Resp: 200513

Ion Ratio Lower Upper

69 100

41 68.5 51.0 76.4

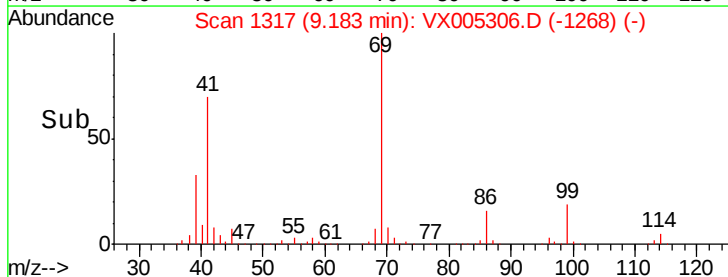
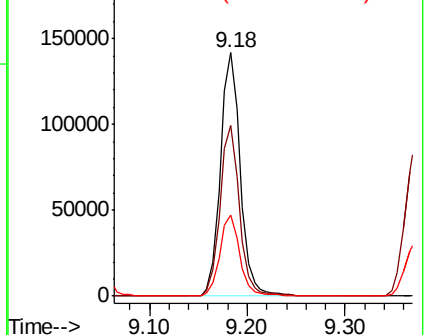
39 33.7 26.1 39.1

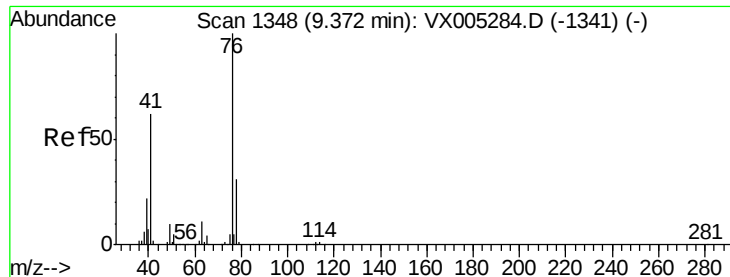


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.125 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

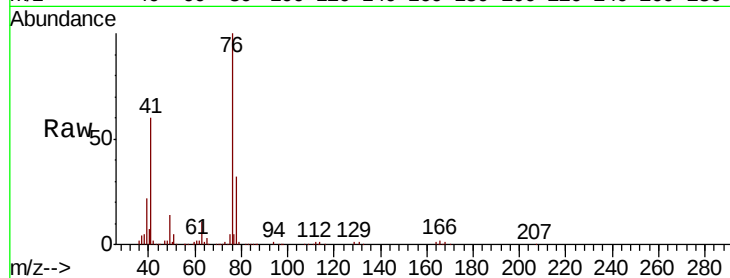
ClientSampleId :

Tot Ion: 76 Resp: 215360

Ion Ratio Lower Upper

76 100

78 32.1 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

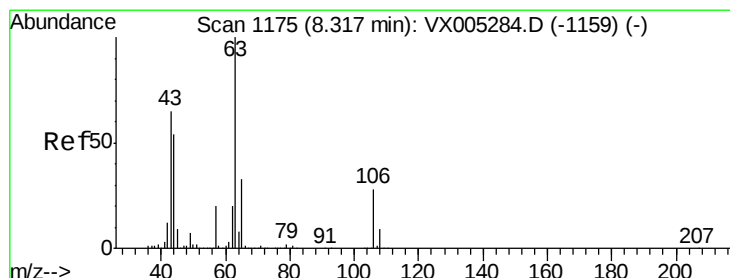
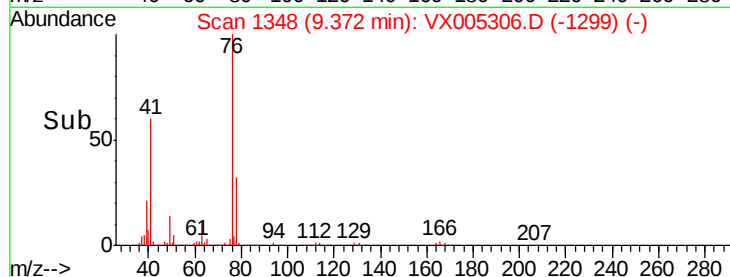
100000

50000

0

Time-->

9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 279.077 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005306.D

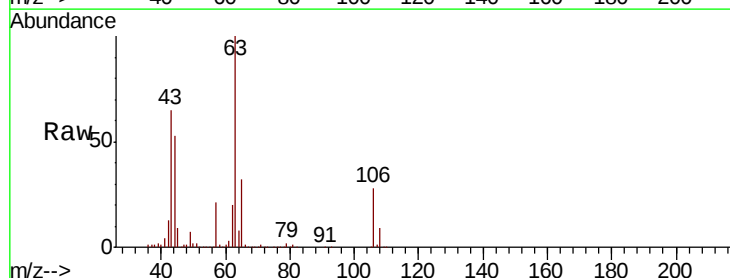
Acq: 12 Oct 2018 21:24

Tgt Ion: 63 Resp: 564793

Ion Ratio Lower Upper

63 100

106 27.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

300000

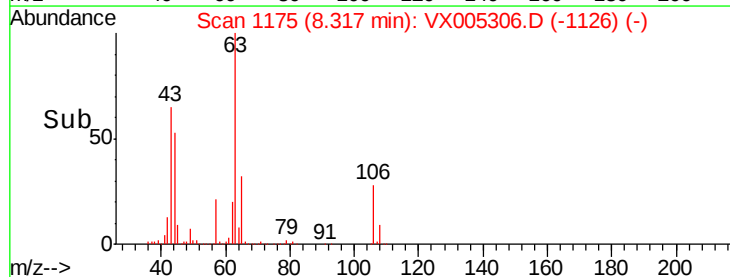
200000

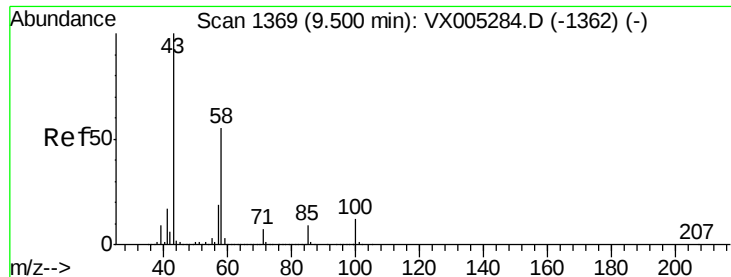
100000

0

Time-->

8.20 8.30 8.40

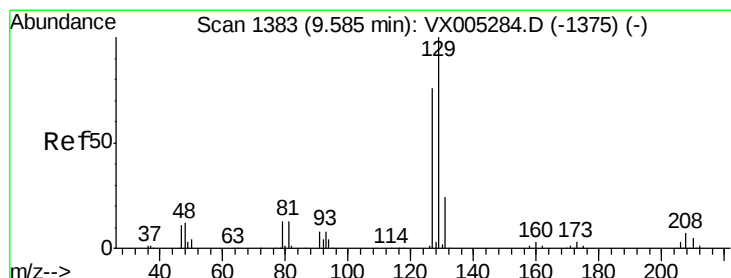
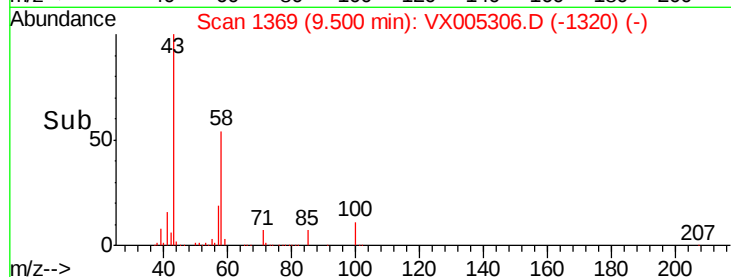
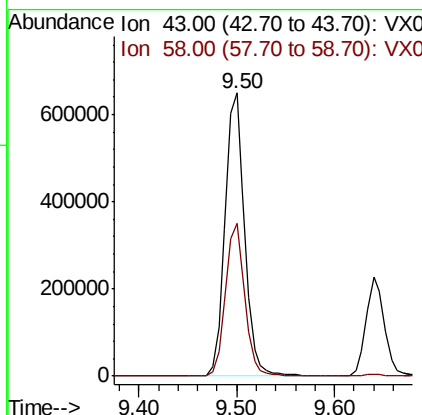
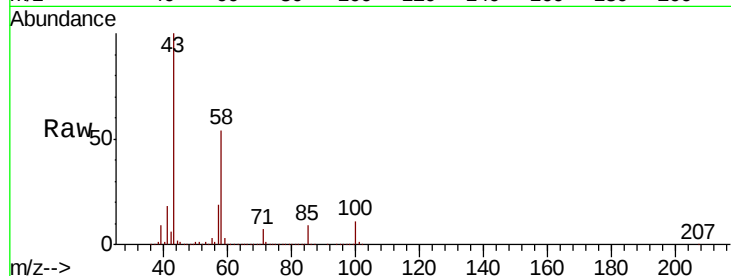




#59
2-Hexanone
Concen: 265.339 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

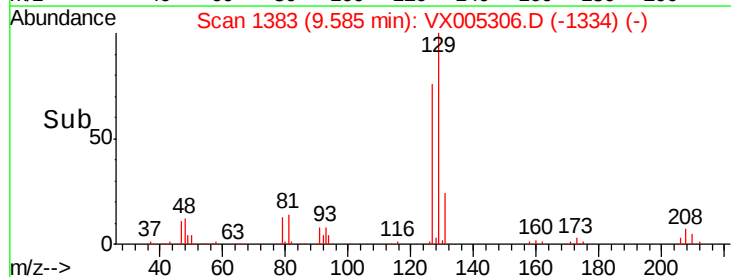
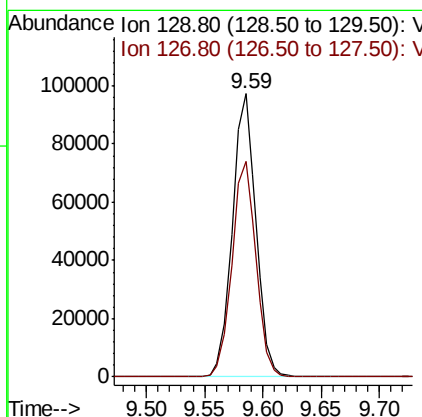
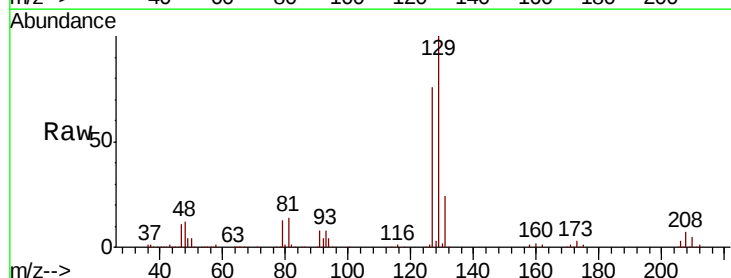
Instrument :
MSVOA_X
ClientSampleId :

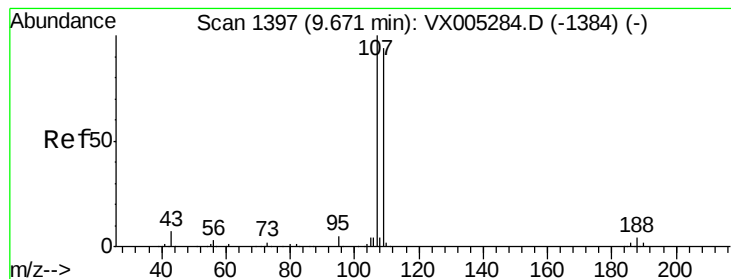
Tot Ion: 43 Resp: 901587
Ion Ratio Lower Upper
43 100
58 53.5 29.0 87.0



#60
Dibromochloromethane
Concen: 53.653 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion:129 Resp: 137284
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.017 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

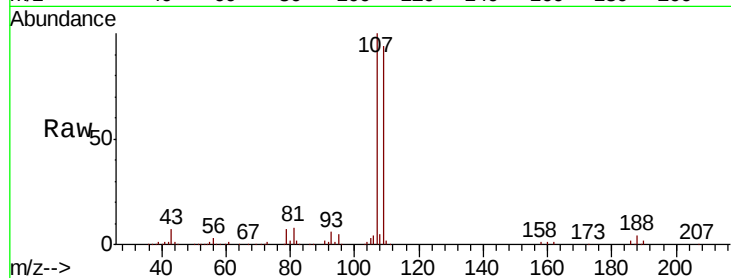
ClientSampleId :

Tot Ion:107 Resp: 135131

Ion Ratio Lower Upper

107 100

109 95.5 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

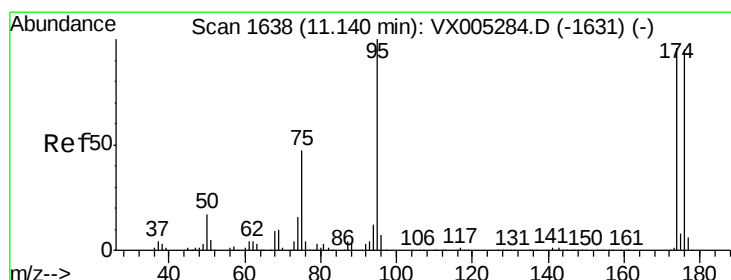
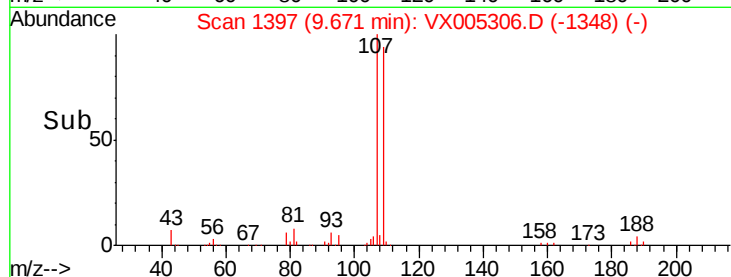
60000

40000

20000

0

Time--> 9.50 9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 52.117 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

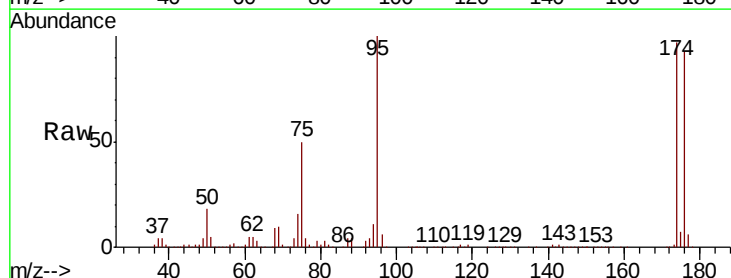
Tgt Ion: 95 Resp: 163687

Ion Ratio Lower Upper

95 100

174 94.9 0.0 185.2

176 91.6 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

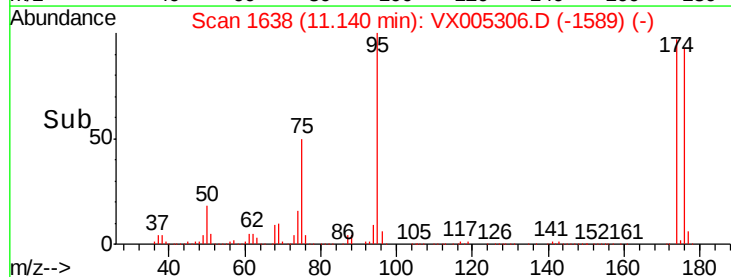
150000

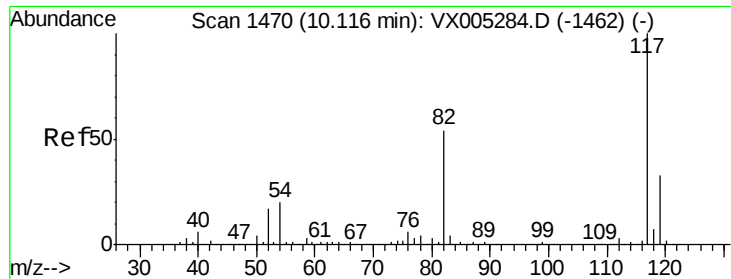
100000

50000

0

Time--> 11.10 11.20

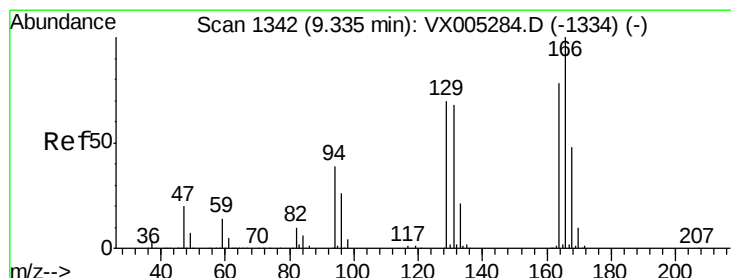
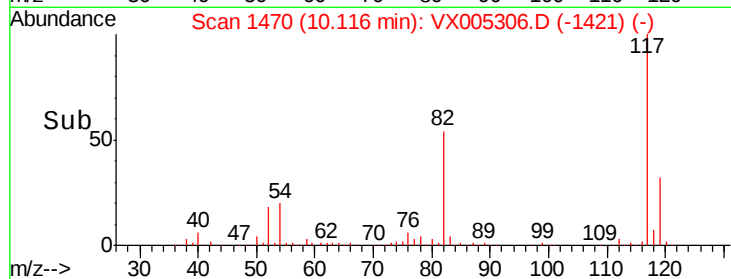
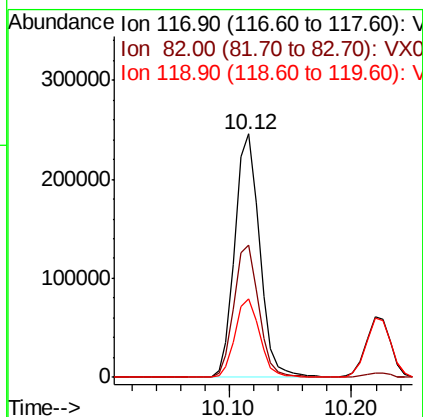
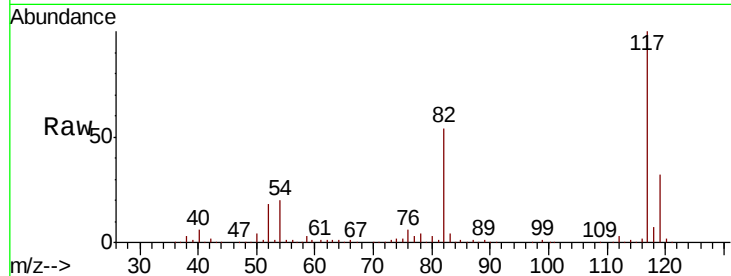




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

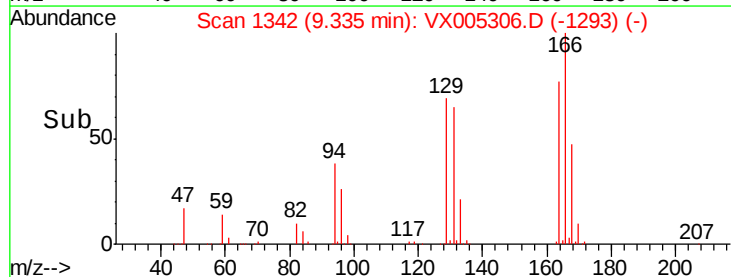
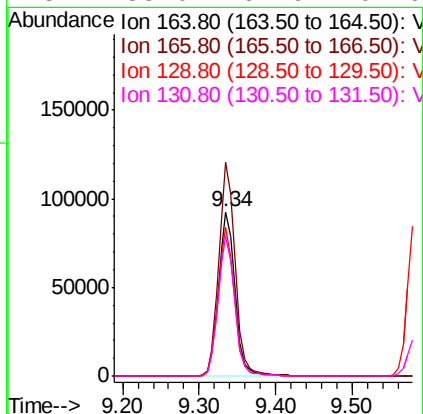
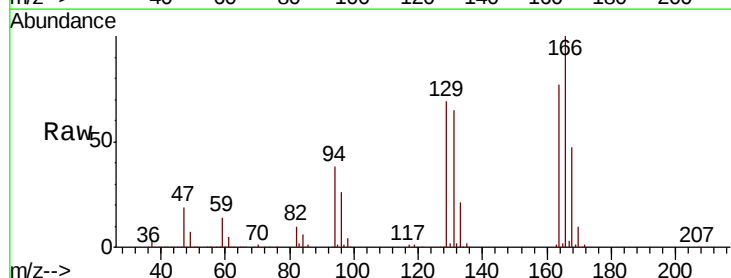
Instrument :
MSVOA_X
ClientSampleId :

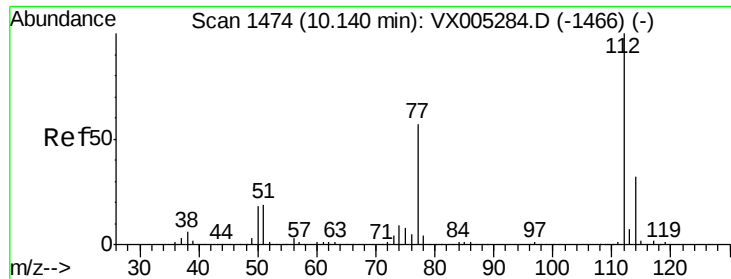
Tot Ion:117 Resp: 344610
Ion Ratio Lower Upper
117 100
82 54.3 47.8 71.6
119 32.5 29.3 43.9



#64
Tetrachloroethene
Concen: 49.743 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion:164 Resp: 138003
Ion Ratio Lower Upper
164 100
166 130.3 102.8 154.2
129 90.4 69.4 104.0
131 85.0 67.9 101.9





#65

Chlorobenzene

Concen: 48.014 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

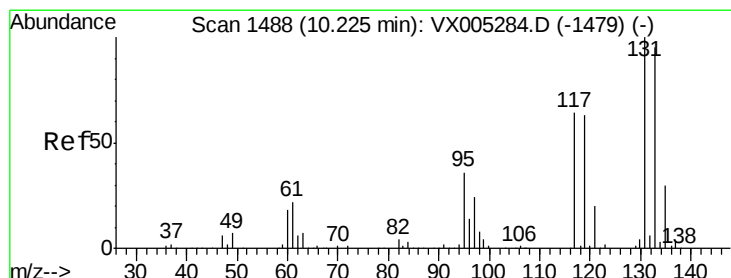
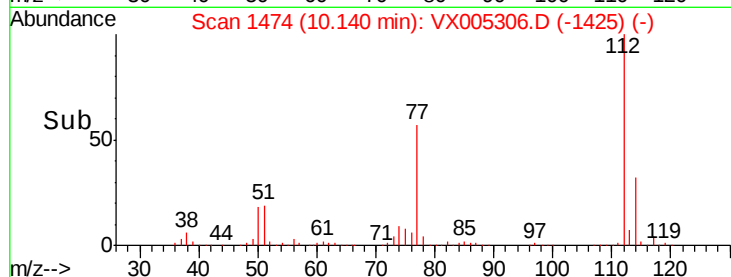
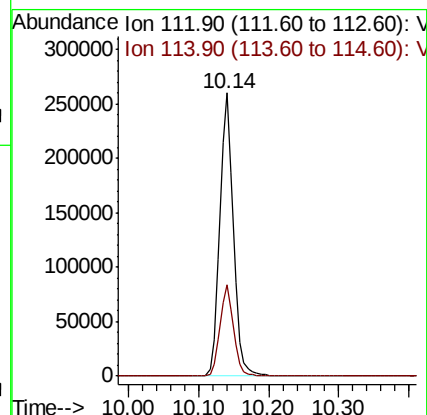
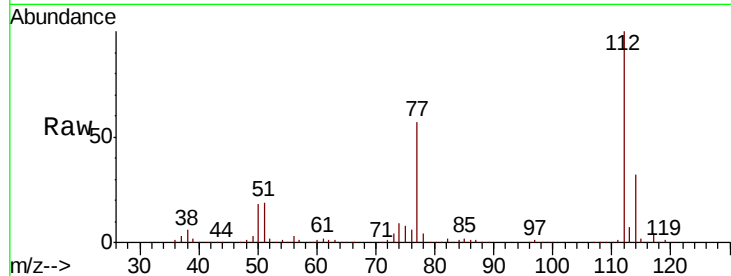
ClientSampleId :

Tot Ion:112 Resp: 351958

Ion Ratio Lower Upper

112 100

114 32.1 27.8 41.8



#66

1,1,1,2-Tetrachloroethane

Concen: 49.316 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

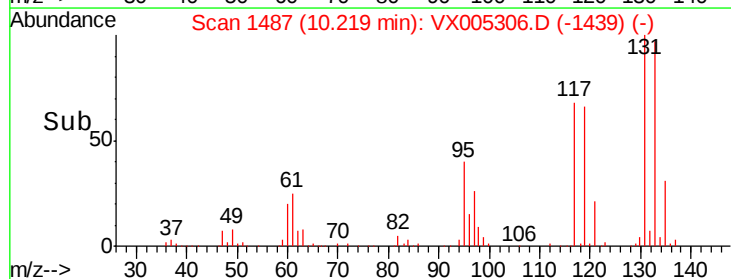
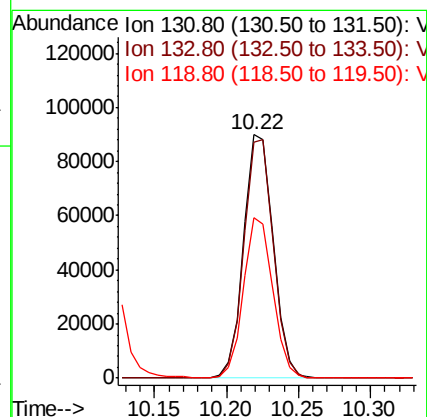
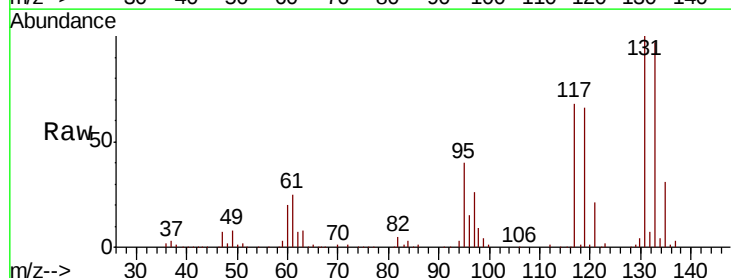
Tgt Ion:131 Resp: 128825

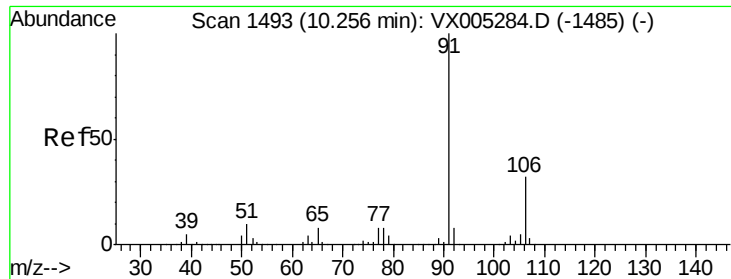
Ion Ratio Lower Upper

131 100

133 97.2 48.1 144.4

119 64.9 32.9 98.6

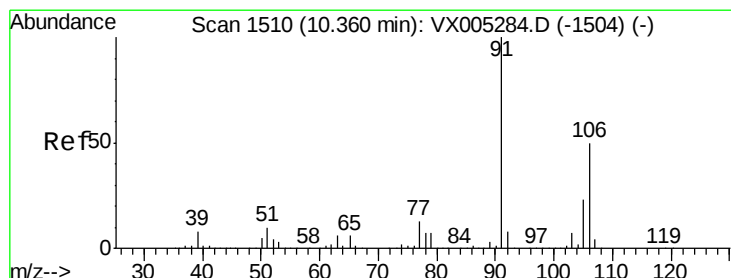
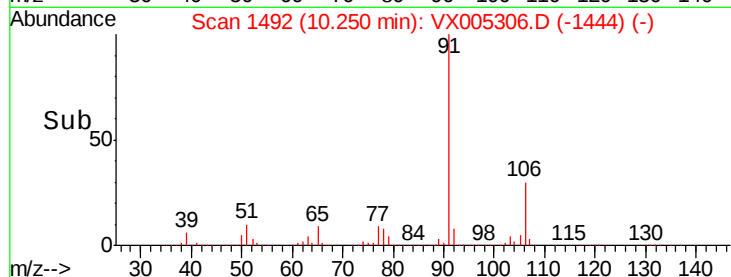
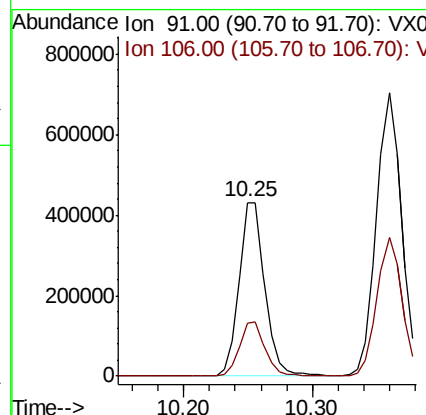
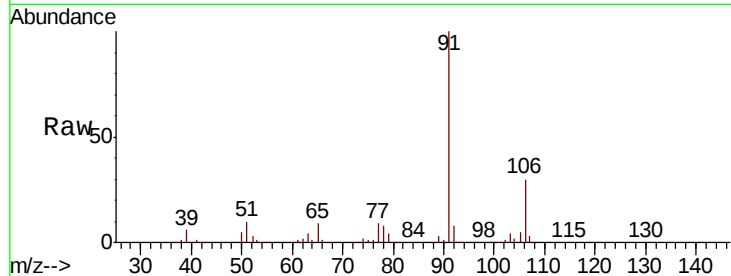




#67
Ethyl Benzene
Concen: 50.624 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

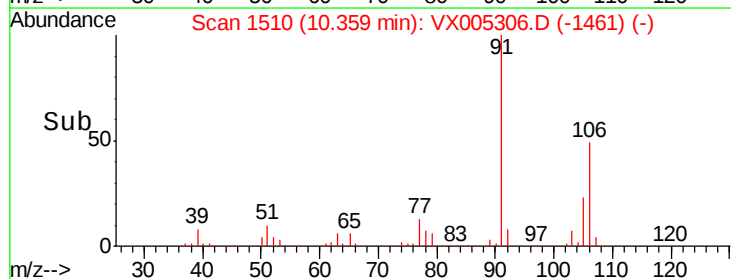
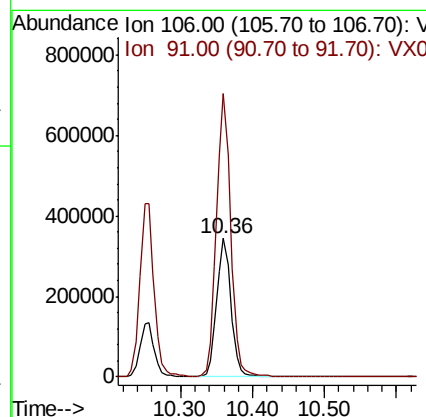
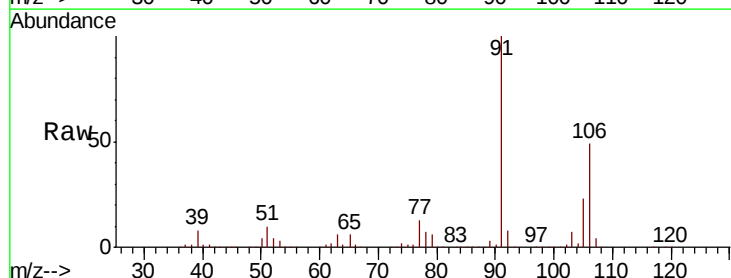
Instrument :
MSVOA_X
ClientSampled :

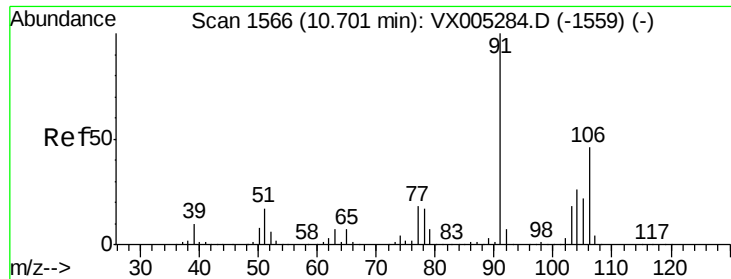
Tot Ion: 91 Resp: 603269
Ion Ratio Lower Upper
91 100
106 30.5 25.9 38.9



#68
m/p-Xylenes
Concen: 102.399 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion: 106 Resp: 473622
Ion Ratio Lower Upper
106 100
91 203.4 157.1 235.7

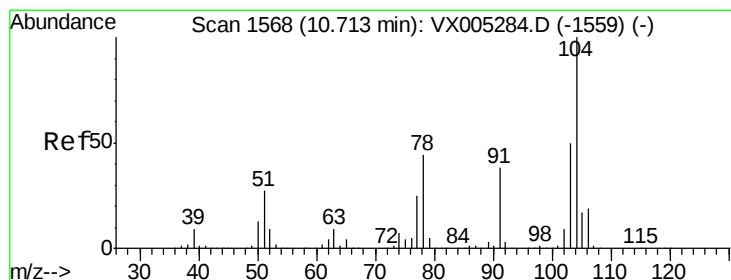
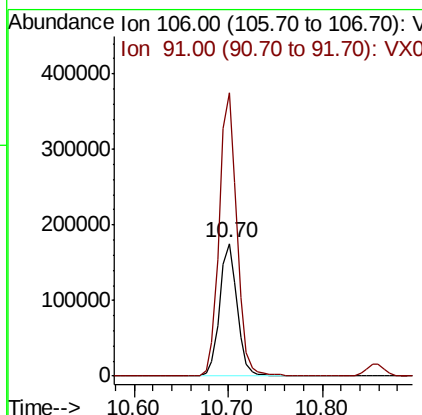
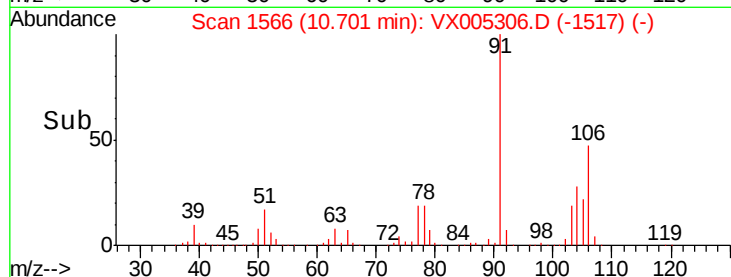
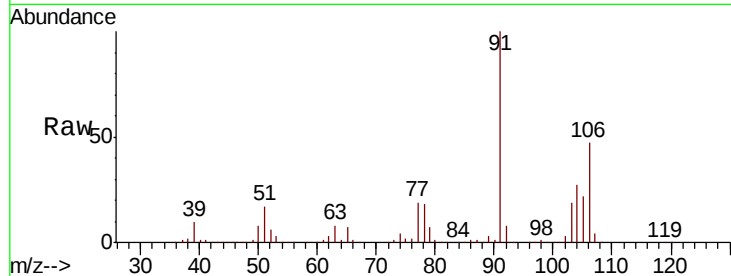




#69
o-Xylene
Concen: 50.876 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

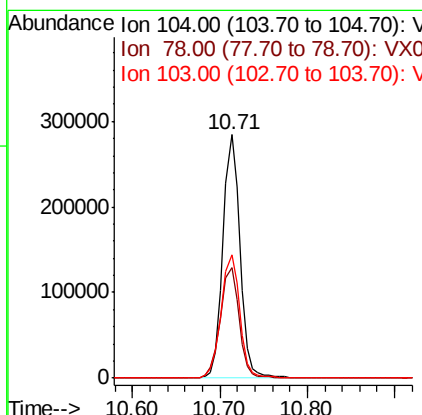
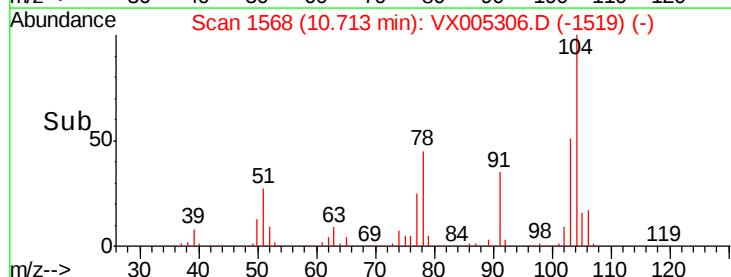
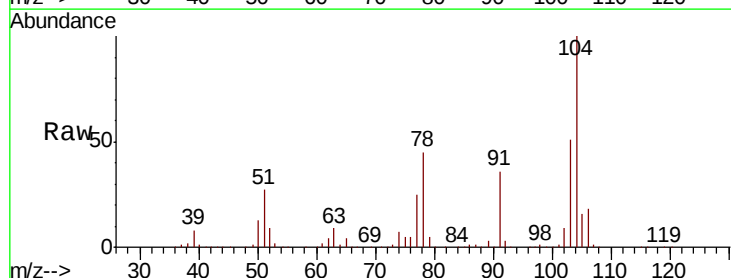
Instrument :
MSVOA_X
ClientSampled :

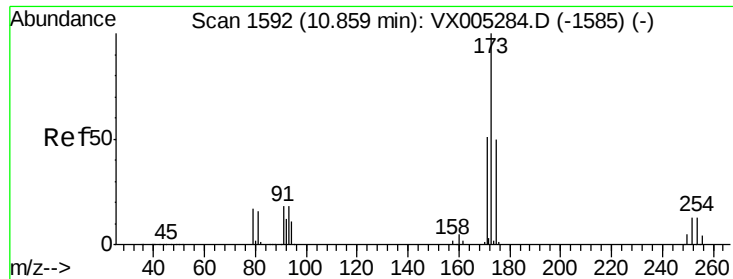
Tot Ion:106 Resp: 226946
Ion Ratio Lower Upper
106 100
91 215.1 105.1 315.1



#70
Styrene
Concen: 52.360 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion:104 Resp: 384168
Ion Ratio Lower Upper
104 100
78 49.8 37.4 56.0
103 55.4 43.8 65.6





#71

Bromoform

Concen: 49.890 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampled :

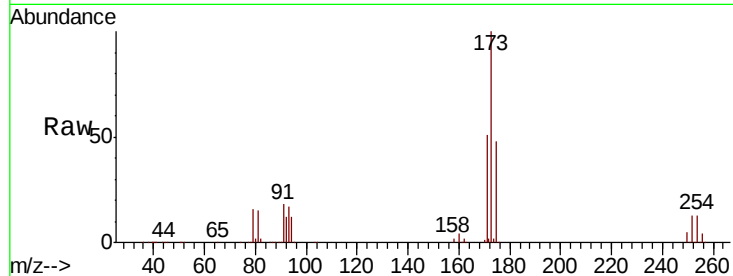
Tot Ion:173 Resp: 116462

Ion Ratio Lower Upper

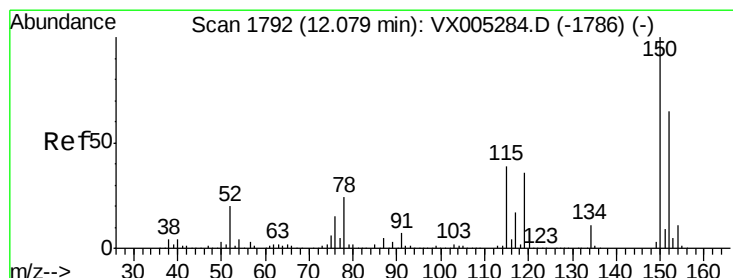
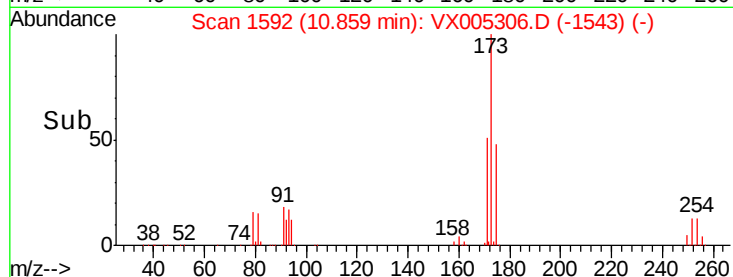
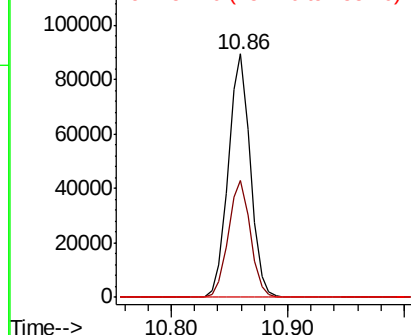
173 100

175 48.6 24.1 72.3

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

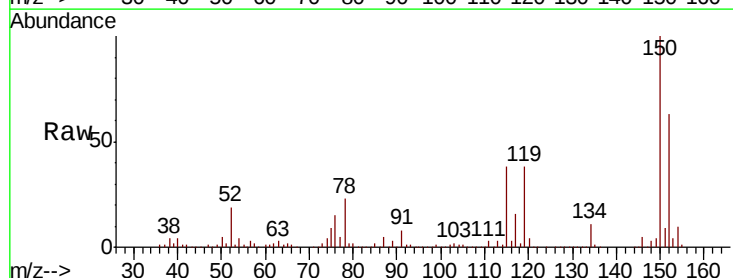
Tgt Ion:152 Resp: 197929

Ion Ratio Lower Upper

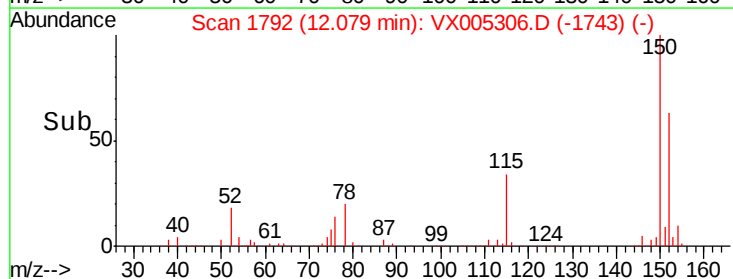
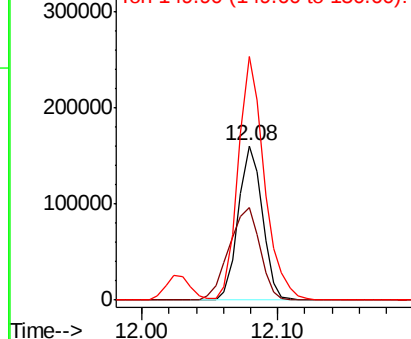
152 100

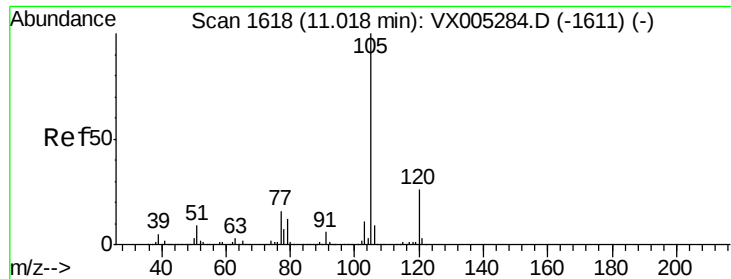
115 76.9 39.0 117.0

150 171.8 0.0 351.0



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





#73

Isopropylbenzene

Concen: 52.447 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

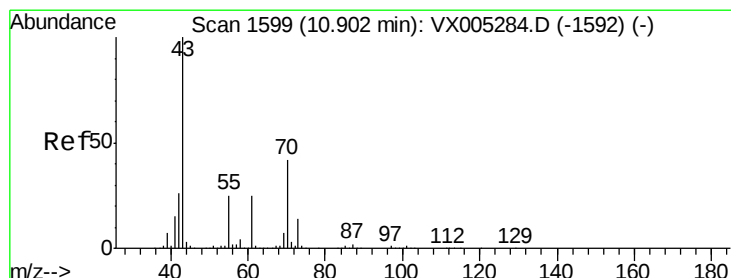
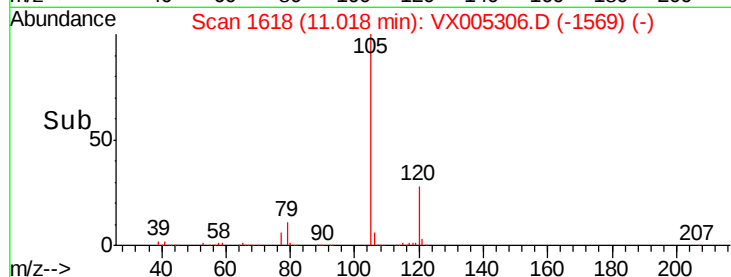
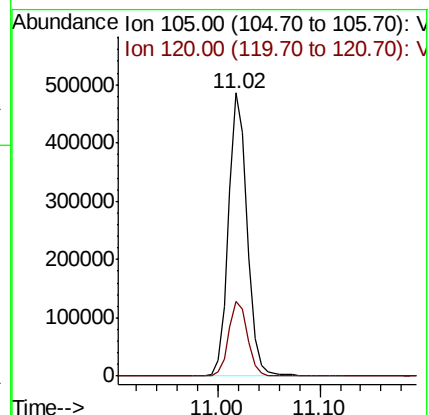
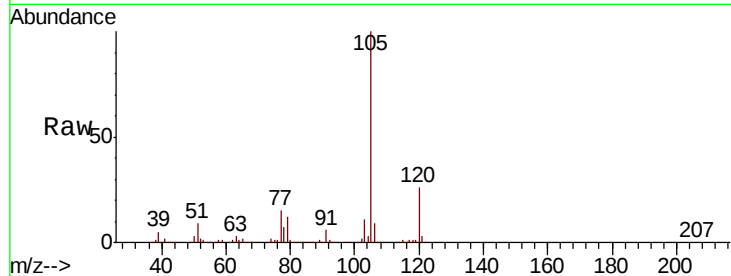
ClientSampled :

Tot Ion:105 Resp: 617110

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 51.165 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Tgt Ion: 43 Resp: 290367

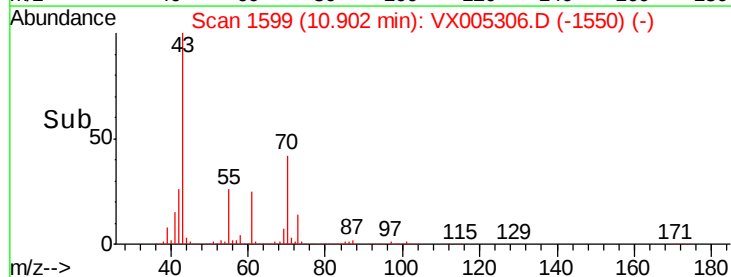
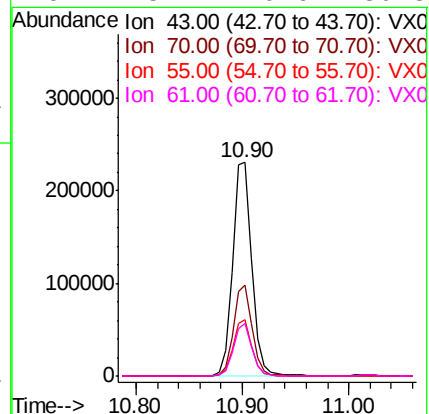
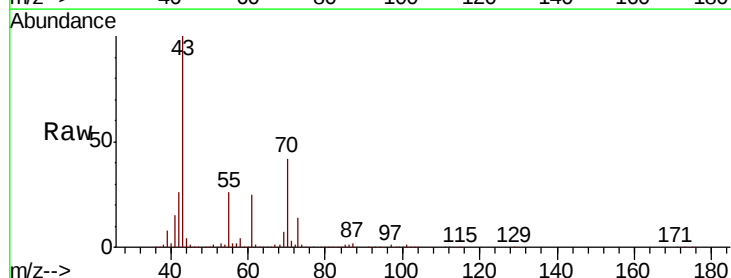
Ion Ratio Lower Upper

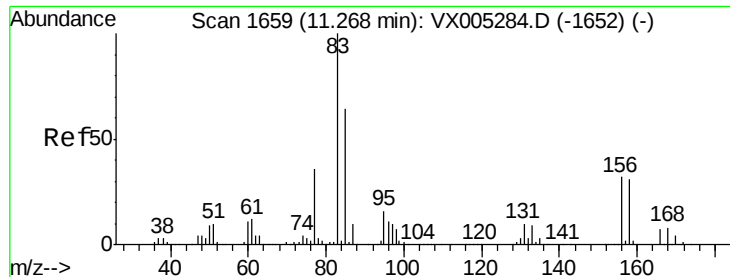
43 100

70 41.6 37.4 56.0

55 25.9 21.8 32.8

61 23.7 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.254 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

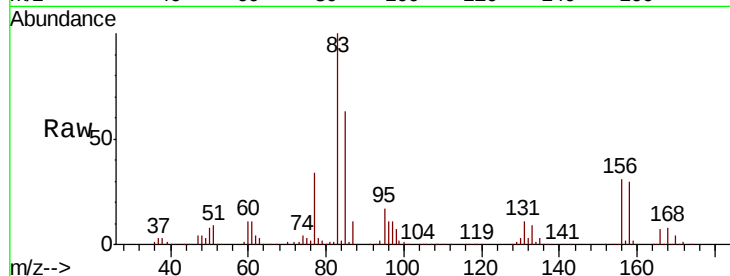
Tot Ion: 83 Resp: 214180

Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.2	15.6
85	63.8	32.3	96.8

83 100

131 10.8 5.2 15.6

85 63.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

200000

150000

100000

50000

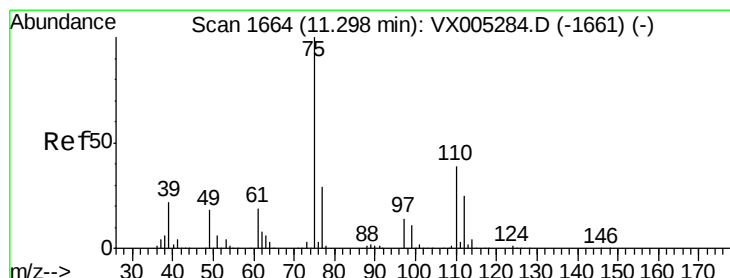
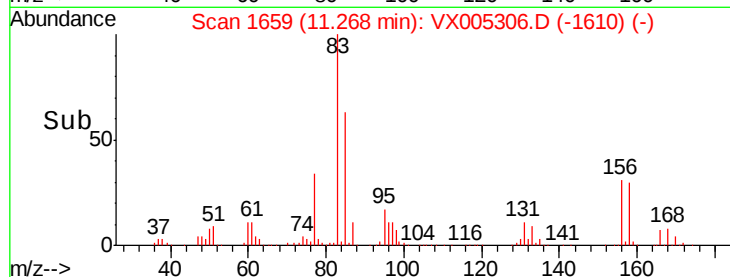
0

11.20

11.30

11.40

Time-->



#76

1,2,3-Trichloropropane

Concen: 65.505 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005306.D

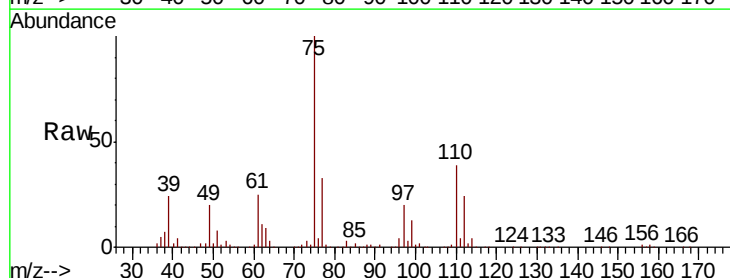
Acq: 12 Oct 2018 21:24

Tgt Ion: 75 Resp: 251489

Ion	Ratio	Lower	Upper
75	100		
77	32.5	20.2	60.6

75 100

77 32.5 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

200000

150000

100000

50000

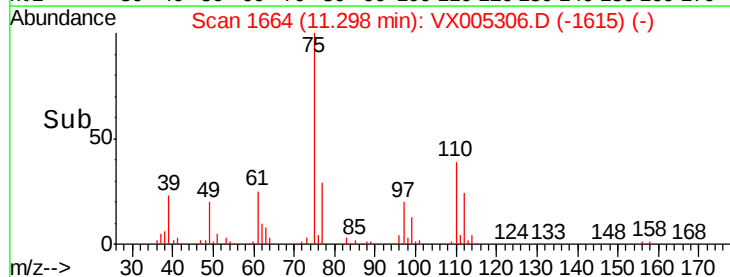
0

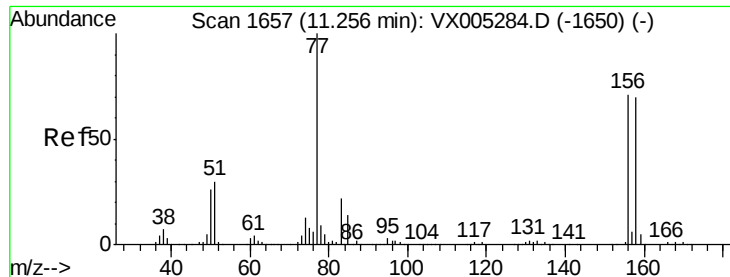
11.25

11.30

11.35

Time-->





#77

Bromobenzene

Concen: 49.918 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

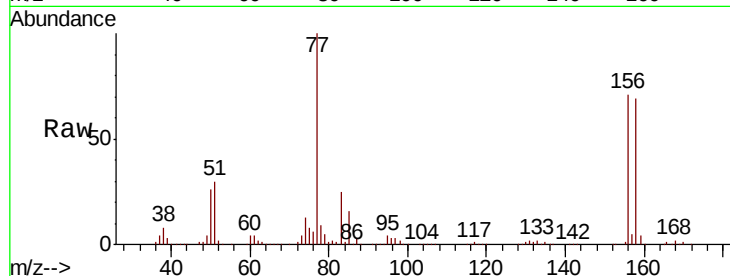
Tot Ion:156 Resp: 167939

Ion Ratio Lower Upper

156 100

77 142.1 71.5 214.3

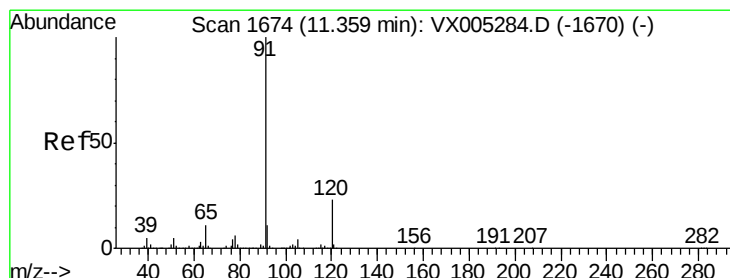
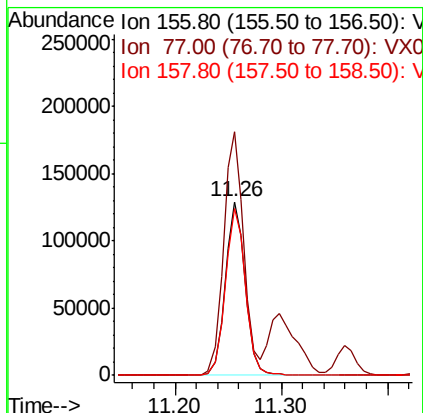
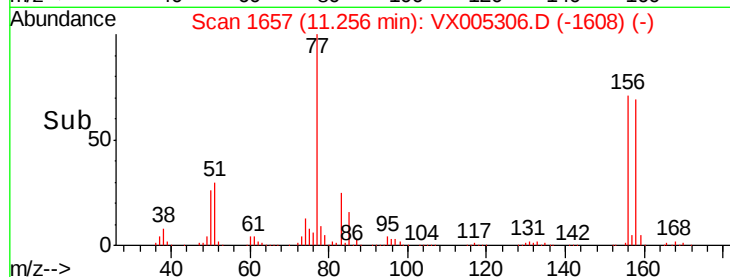
158 97.5 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.991 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005306.D

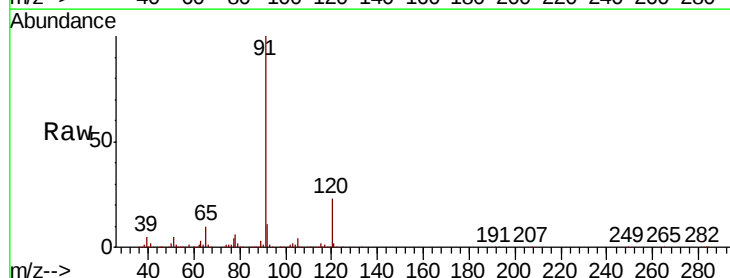
Acq: 12 Oct 2018 21:24

Tgt Ion: 91 Resp: 703959

Ion Ratio Lower Upper

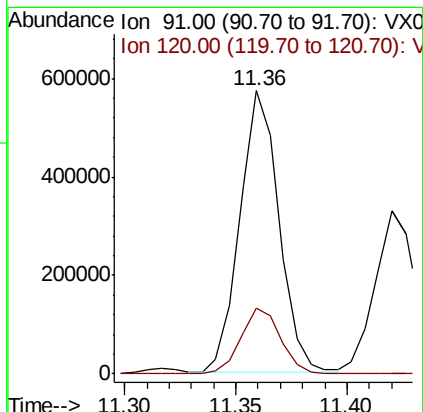
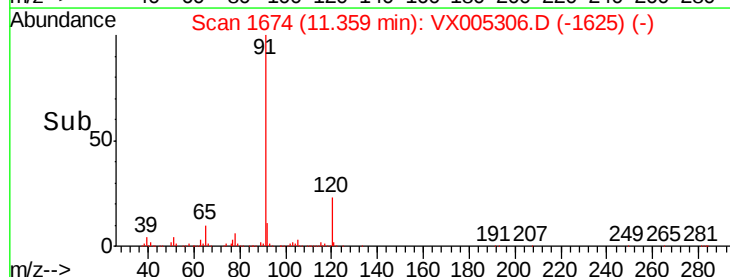
91 100

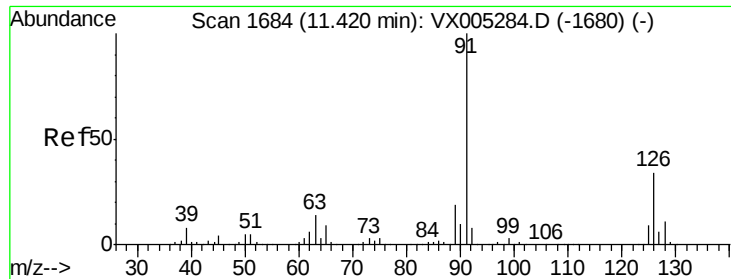
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

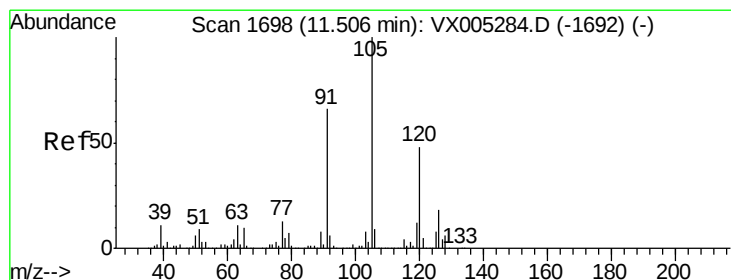
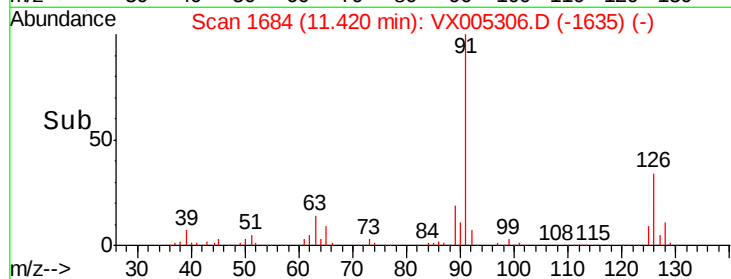
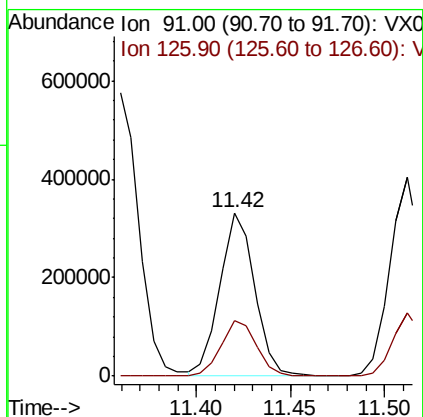
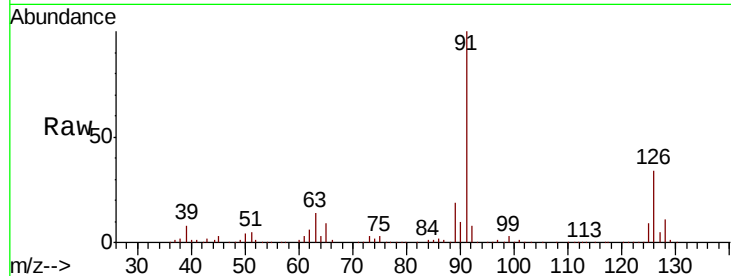




#79
2-Chlorotoluene
Concen: 50.767 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

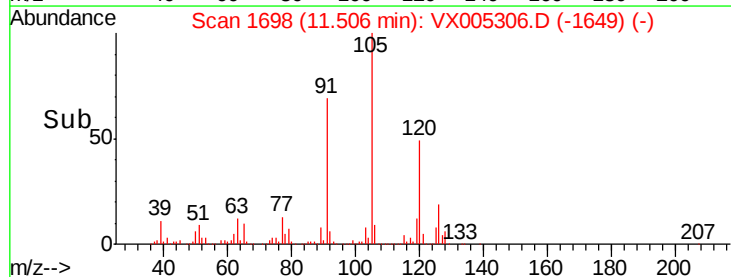
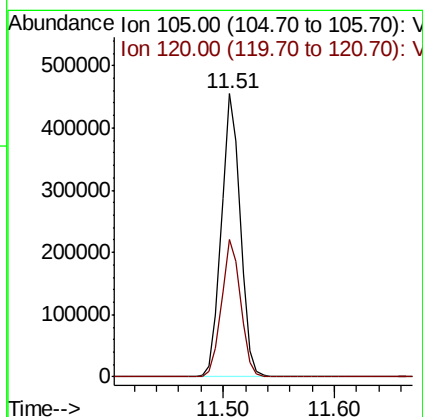
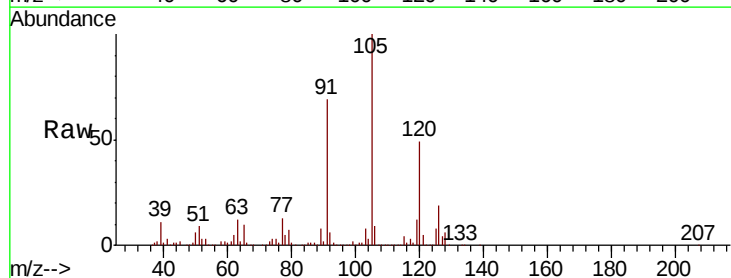
Instrument :
MSVOA_X
ClientSampleId :

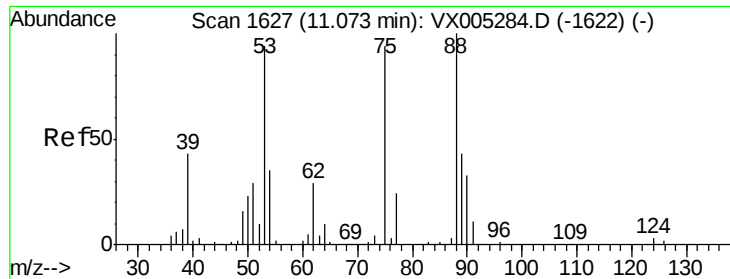
Tot Ion: 91 Resp: 420977
Ion Ratio Lower Upper
91 100
126 35.4 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 53.027 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion: 105 Resp: 534294
Ion Ratio Lower Upper
105 100
120 49.0 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.630 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

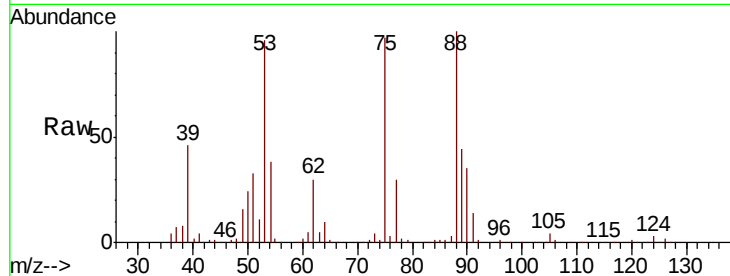
Tot Ion: 75 Resp: 61446

Ion Ratio Lower Upper

75 100

53 99.5 80.1 120.1

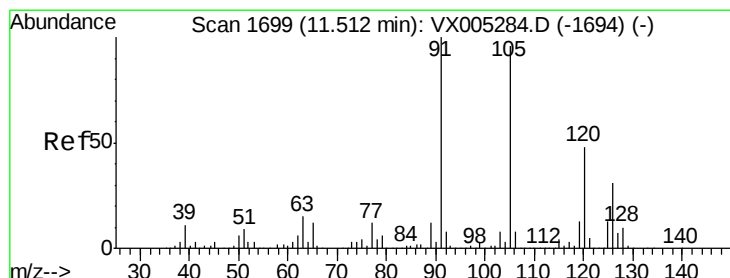
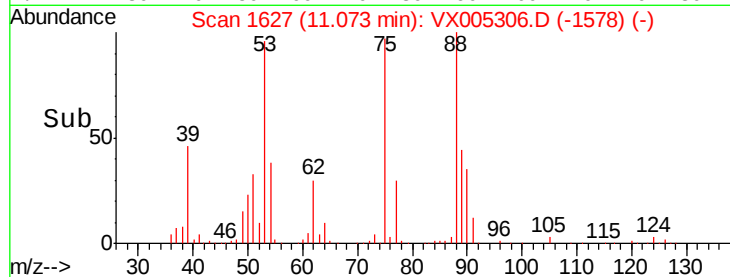
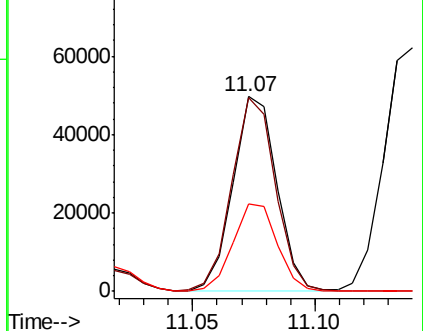
89 46.2 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.076 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005306.D

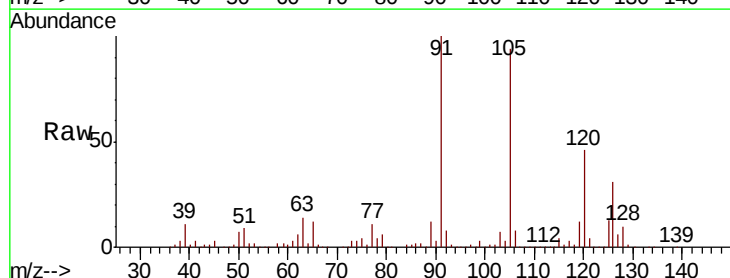
Acq: 12 Oct 2018 21:24

Tgt Ion: 91 Resp: 502070

Ion Ratio Lower Upper

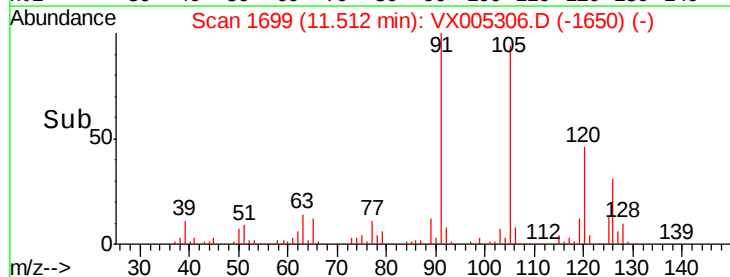
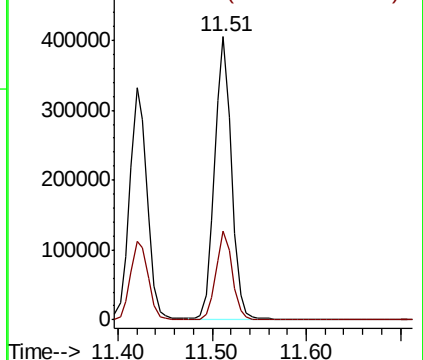
91 100

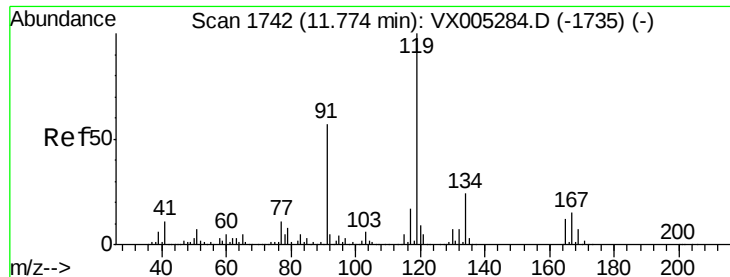
126 30.7 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

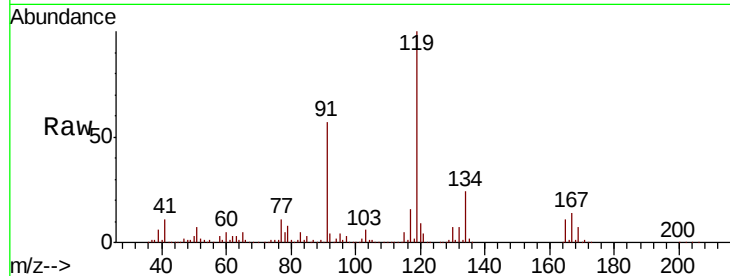




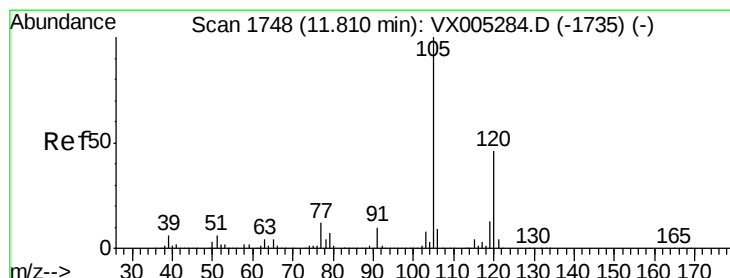
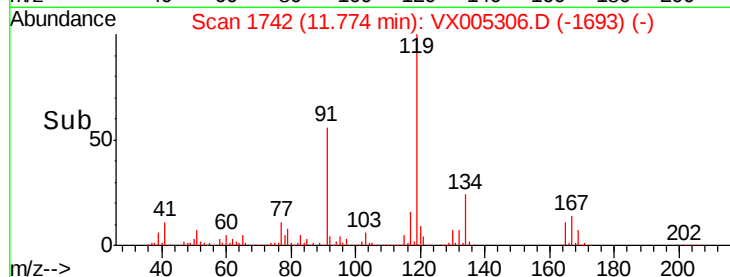
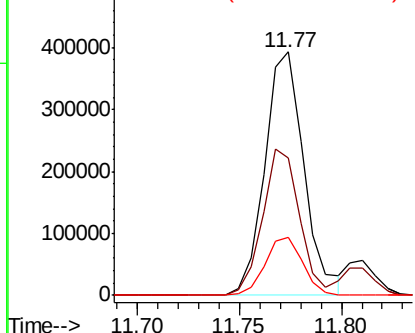
#83
tert-Butylbenzene
Concen: 51.758 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 528106
Ion Ratio Lower Upper
119 100
91 56.3 27.0 81.0
134 22.9 11.7 35.1

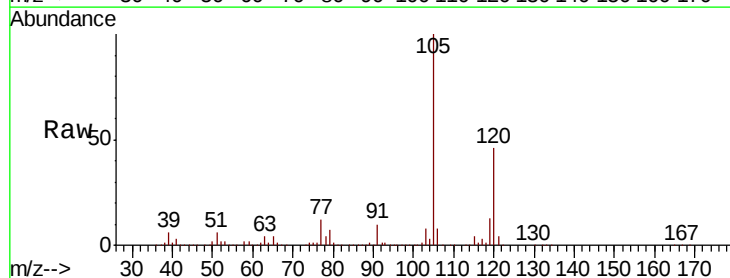


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V

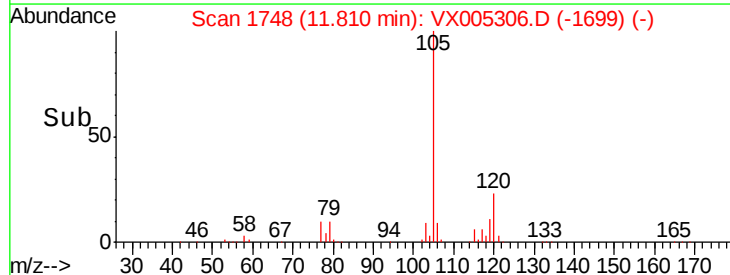
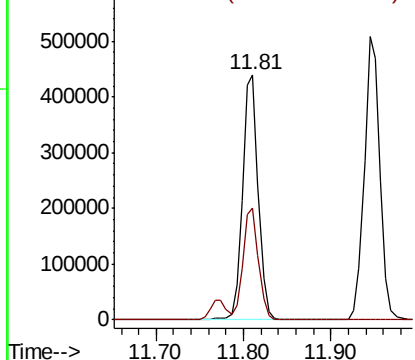


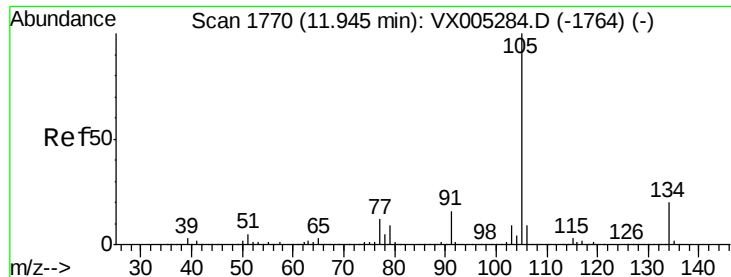
#84
1,2,4-Trimethylbenzene
Concen: 52.865 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion:105 Resp: 548166
Ion Ratio Lower Upper
105 100
120 45.0 23.2 69.6



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





#85

sec-Butylbenzene

Concen: 52.159 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

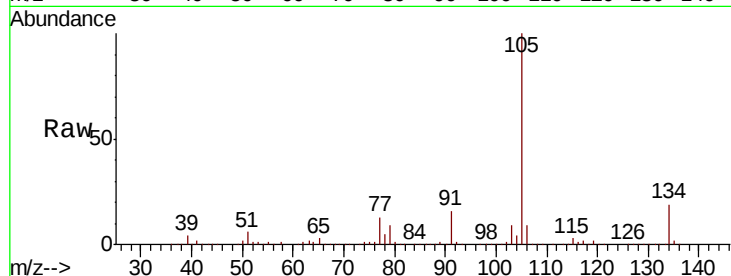
ClientSampled :

Tot Ion:105 Resp: 629814

Ion Ratio Lower Upper

105 100

134 20.4 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

500000

400000

300000

200000

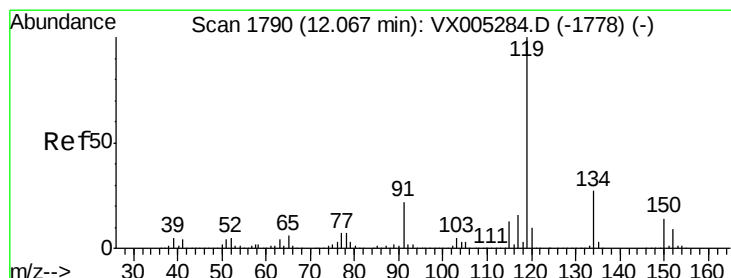
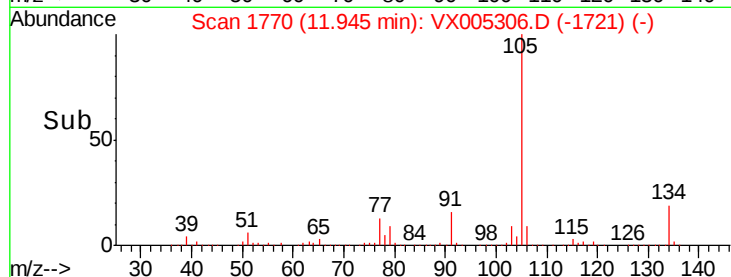
100000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 52.565 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

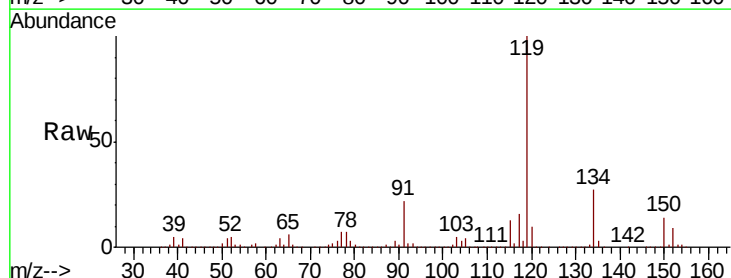
Tgt Ion:119 Resp: 573685

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 22.9 10.9 32.7



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

600000

500000

400000

300000

200000

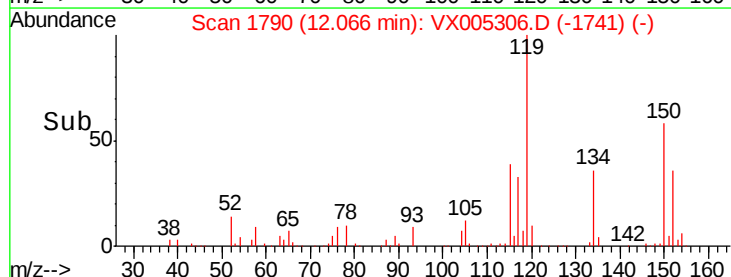
100000

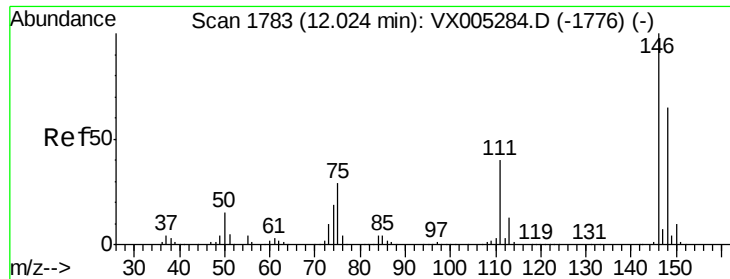
0

12.00

12.10

Time-->

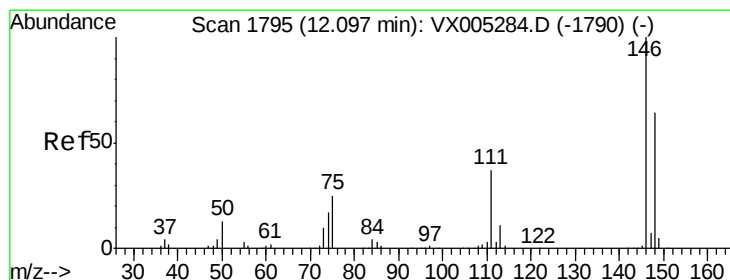
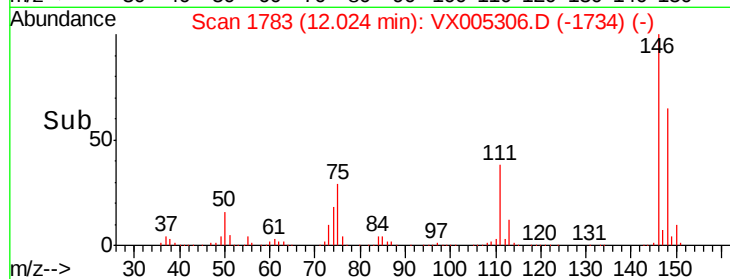
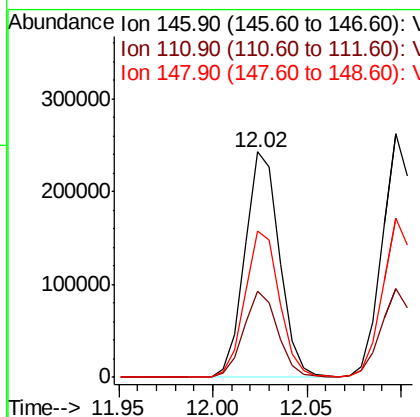
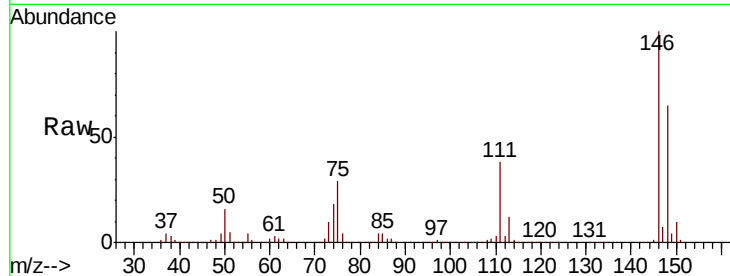




#87
 1,3-Dichlorobenzene
 Concen: 49.339 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

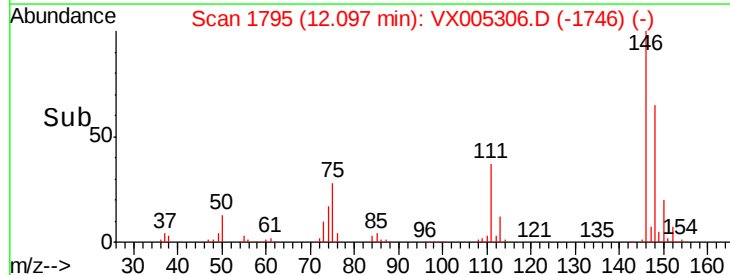
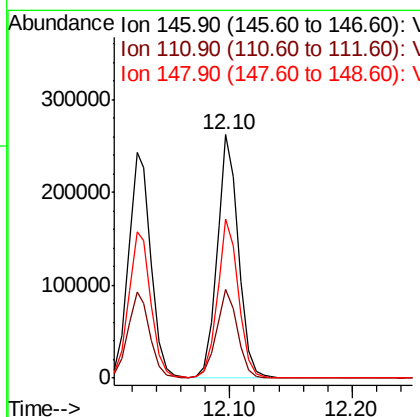
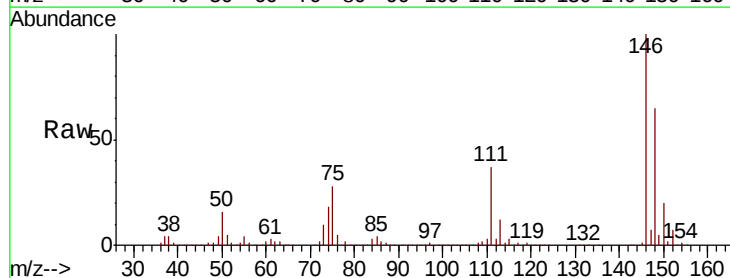
Instrument :
 MSVOA_X
 ClientSampleId :

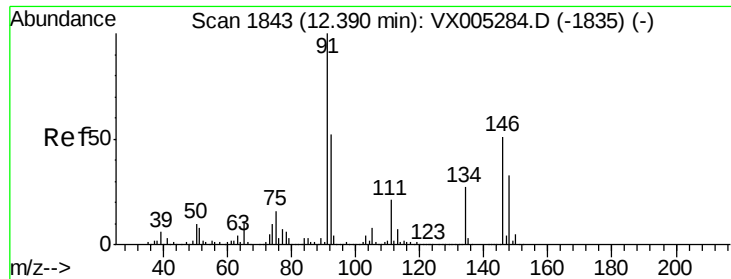
Tot Ion:146 Resp: 310171
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.7 56.1
 148 64.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.023 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Tgt Ion:146 Resp: 315275
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.1 54.1
 148 64.9 32.0 96.0

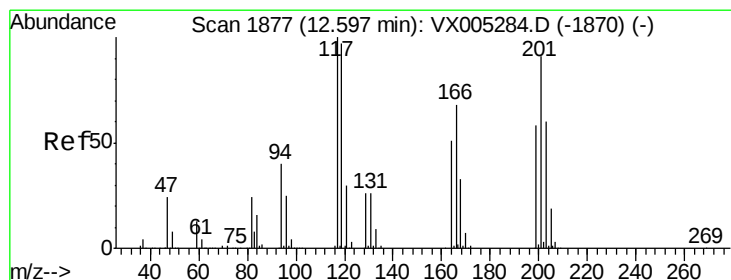
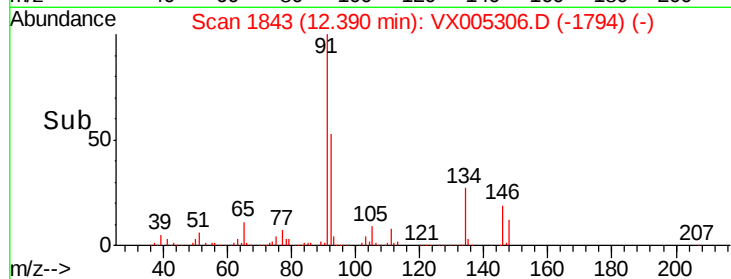
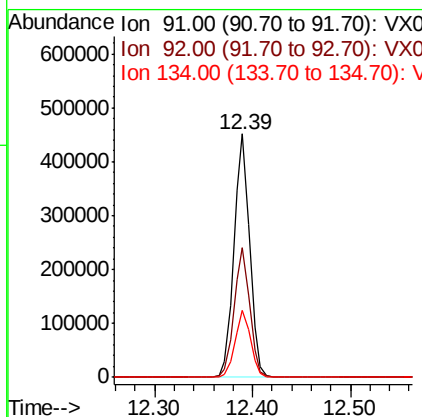
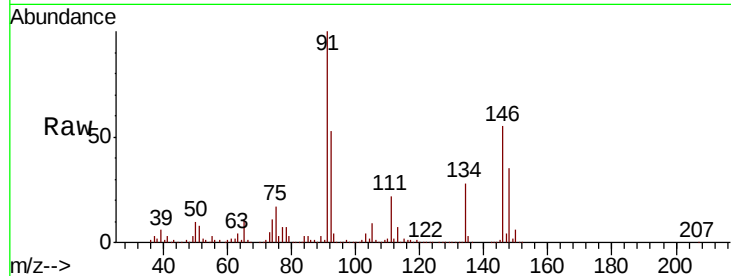




#89
n-Butylbenzene
Concen: 50.596 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

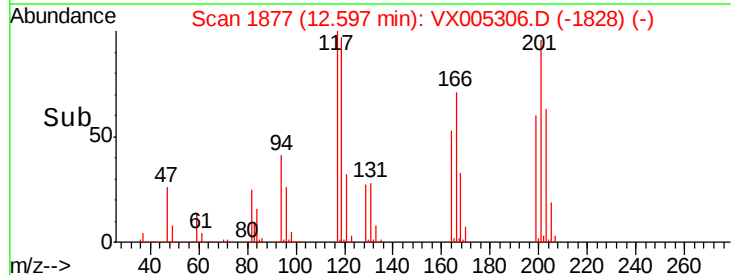
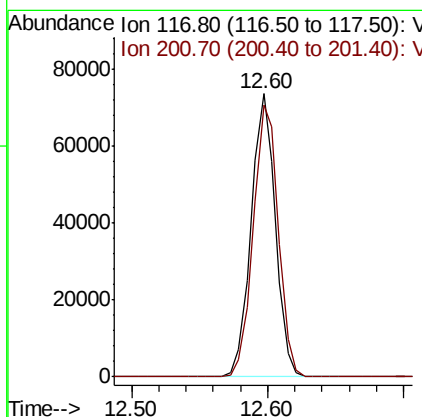
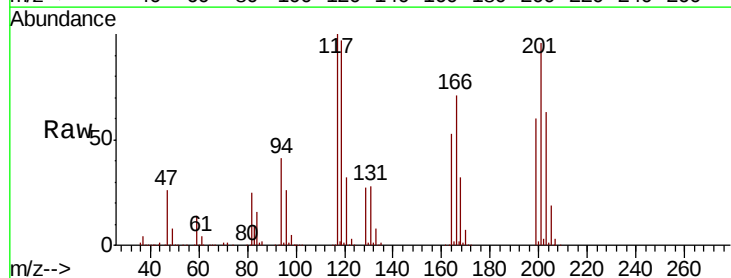
Instrument :
MSVOA_X
ClientSampleId :

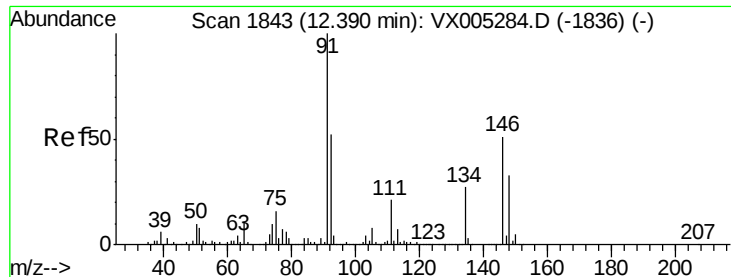
Tot Ion: 91 Resp: 501376
Ion Ratio Lower Upper
91 100
92 52.9 27.3 81.9
134 27.2 13.6 40.7



#90
Hexachloroethane
Concen: 49.094 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion: 117 Resp: 92341
Ion Ratio Lower Upper
117 100
201 99.7 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 49.516 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

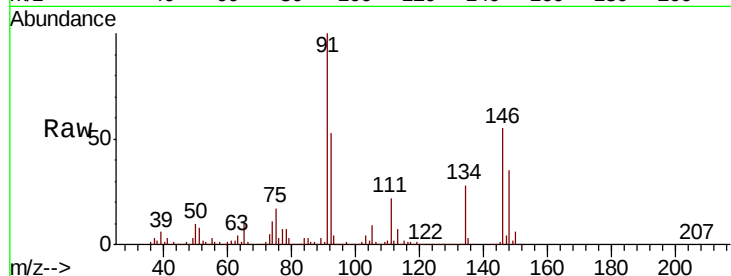
Tot Ion:146 Resp: 317659

Ion Ratio Lower Upper

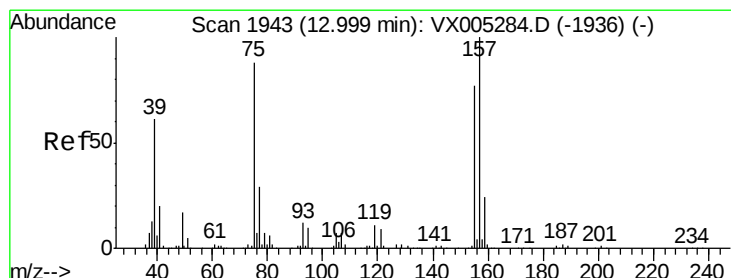
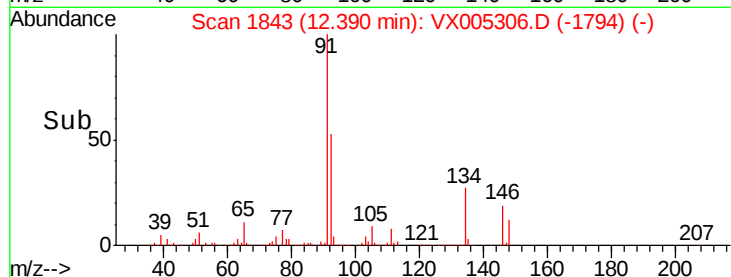
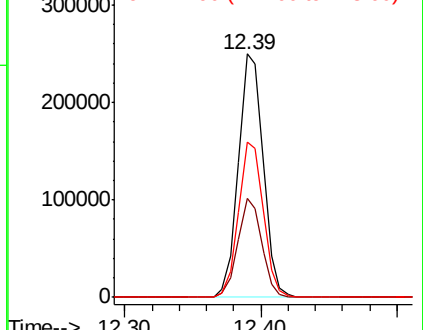
146 100

111 39.0 19.4 58.1

148 63.8 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.500 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

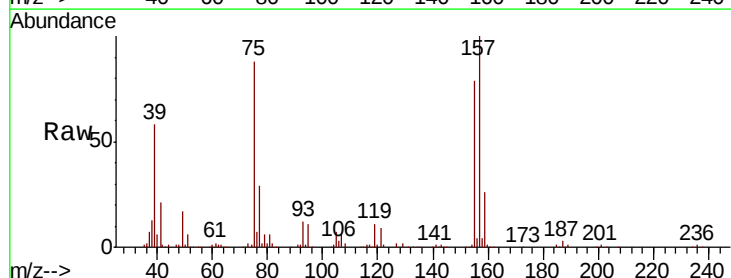
Tgt Ion: 75 Resp: 52511

Ion Ratio Lower Upper

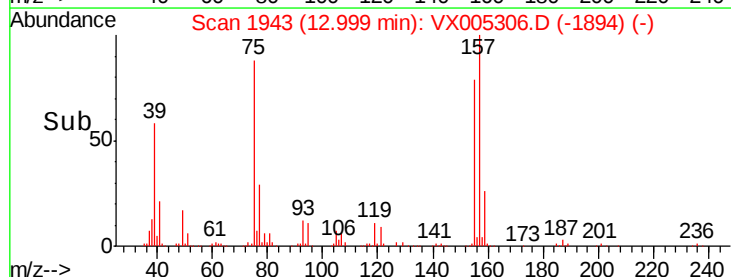
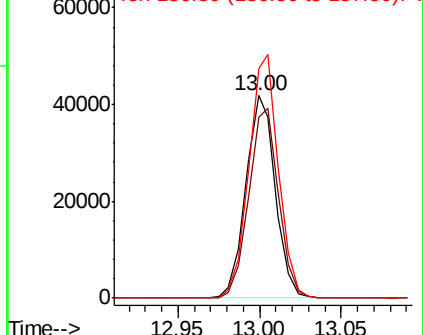
75 100

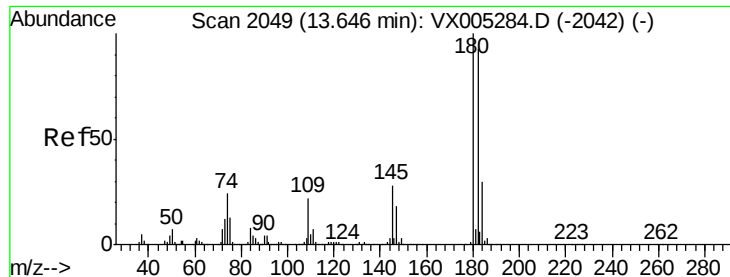
155 94.6 48.0 144.2

157 120.2 61.4 184.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

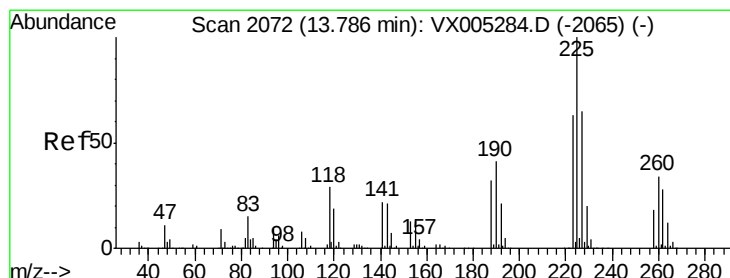
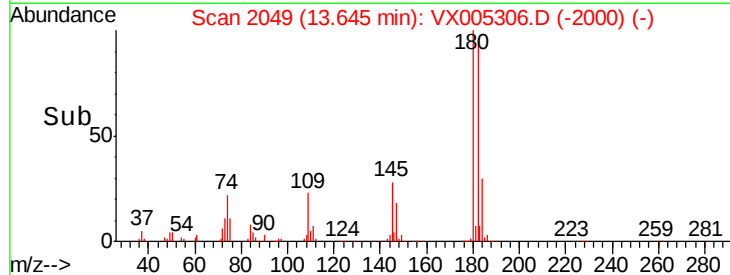
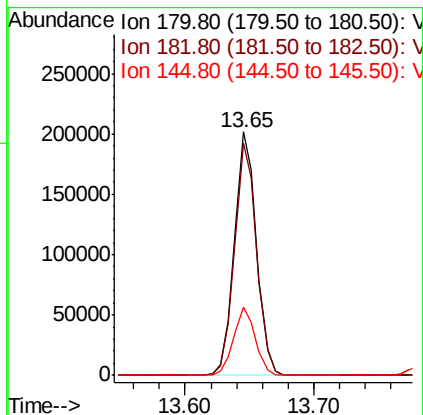
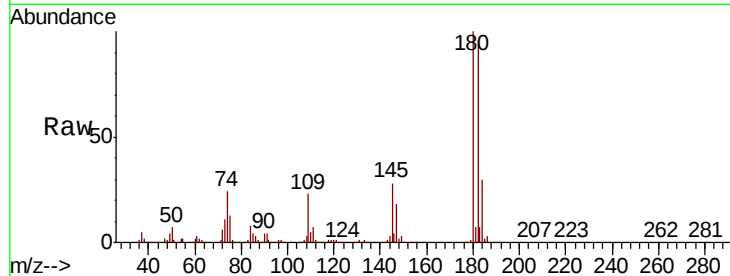




#93
 1,2,4-Trichlorobenzene
 Concen: 51.163 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

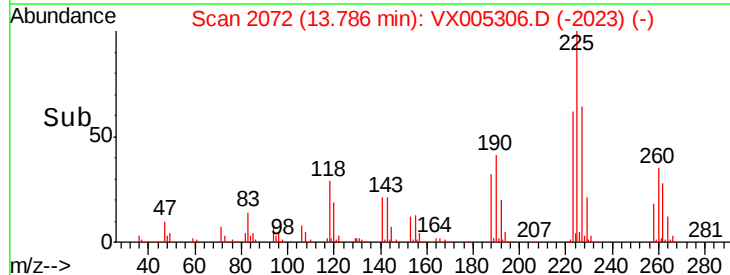
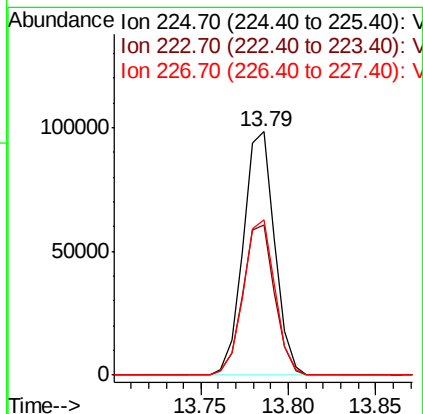
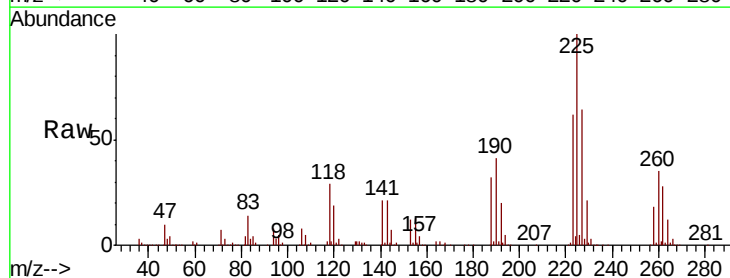
Instrument :
 MSVOA_X
 ClientSampleId :

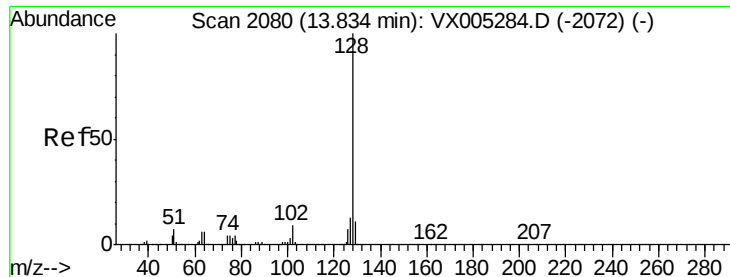
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.4	145.0
145	27.6	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 49.210 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	30.1	90.5
227	64.0	30.8	92.4

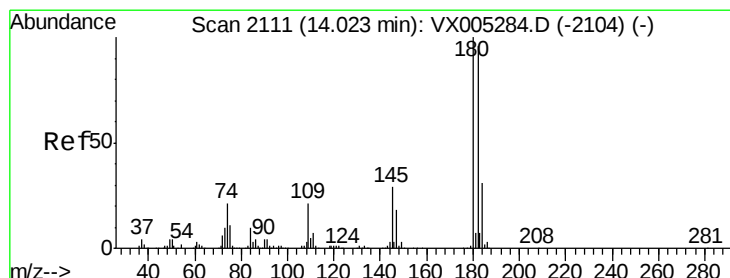
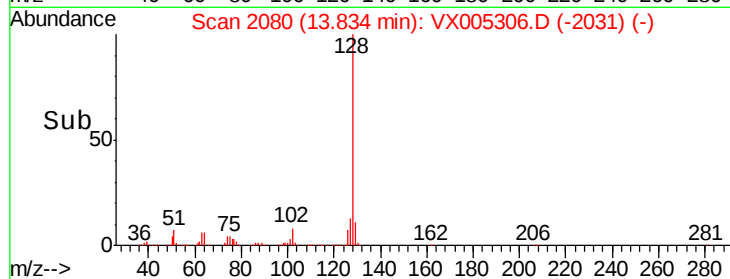
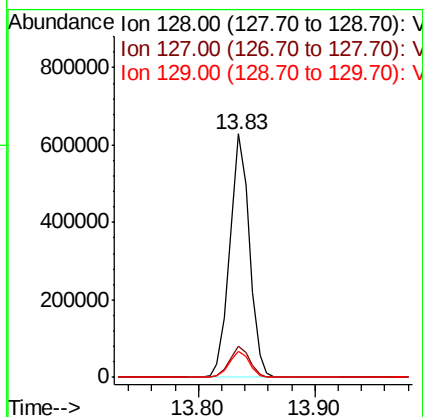
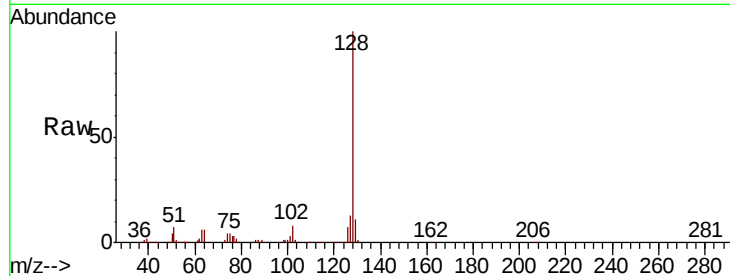




#95
Naphthalene
Concen: 54.292 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 741094
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.309 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion:180 Resp: 247097
Ion Ratio Lower Upper
180 100
182 96.2 48.5 145.6
145 29.4 14.9 44.9

