

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 :
 VSTDCCC050

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						
33) 1,2-Dichloroethane-d4	6.06	65	154745	50.13	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.26%	
35) Dibromofluoromethane	5.51	113	132346	54.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.68%	
50) Toluene-d8	8.71	98	444157	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
62) 4-Bromofluorobenzene	11.14	95	163687	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	

Target Compounds						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

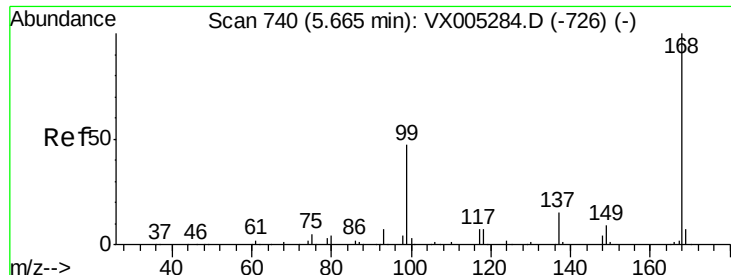
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	240812	51.163	ug/l	99
94) Hexachlorobutadiene	13.79	225	122329	49.210	ug/l	97
95) Naphthalene	13.83	128	741094	54.292	ug/l	99
96) 1,2,3-Trichlorobenzene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

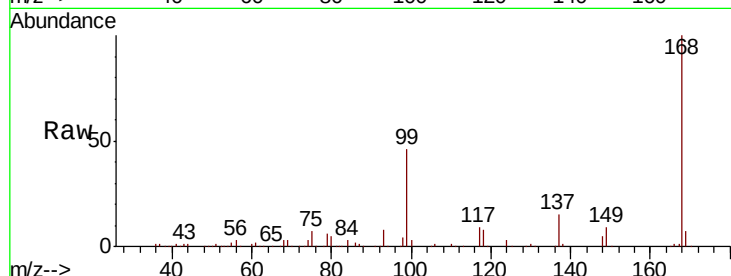
VSTDCCC050

Tot Ion:168 Resp: 278109

Ion Ratio Lower Upper

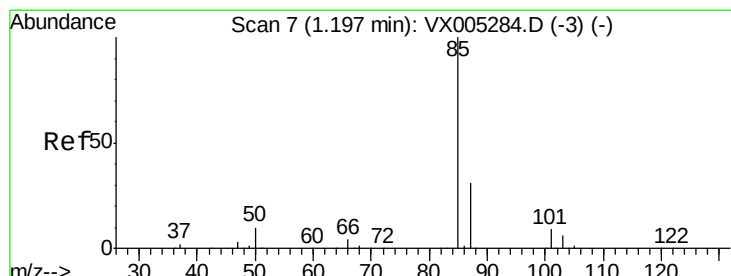
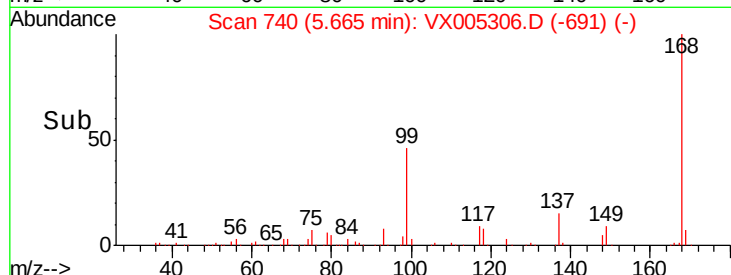
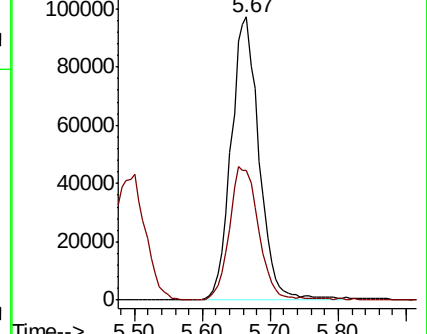
168 100

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



#2

Dichlorodifluoromethane

Concen: 54.355 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005306.D

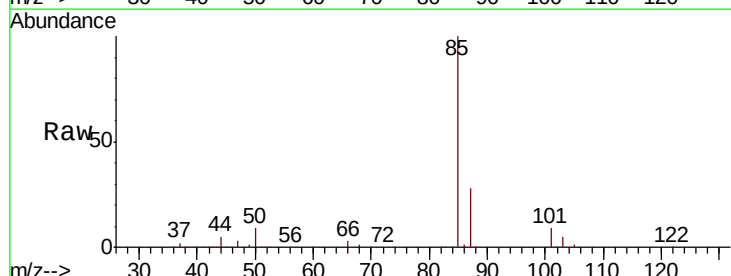
Acq: 12 Oct 2018 21:24

Tgt Ion: 85 Resp: 118193

Ion Ratio Lower Upper

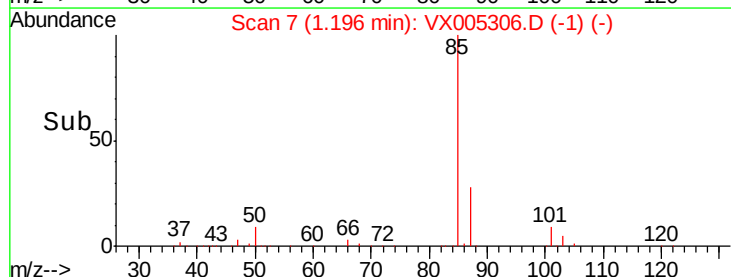
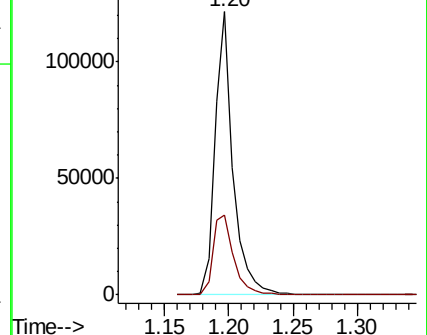
85 100

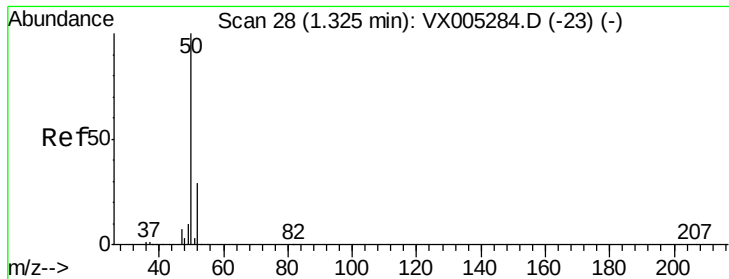
87 28.4 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#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 :

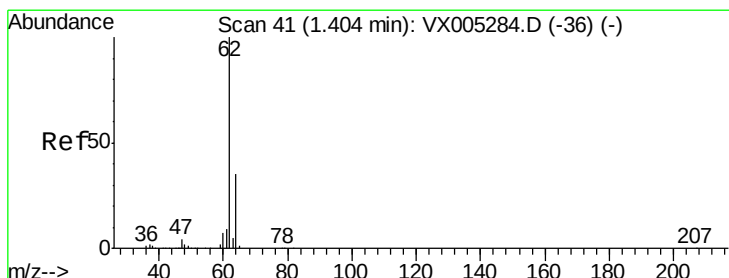
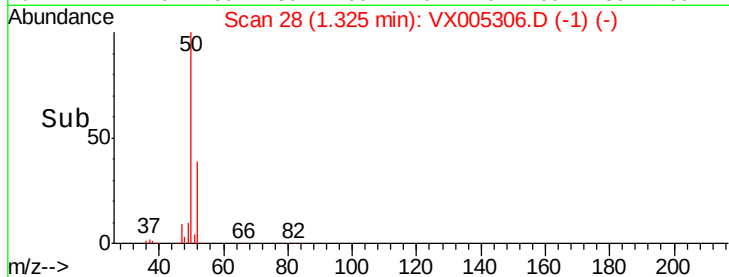
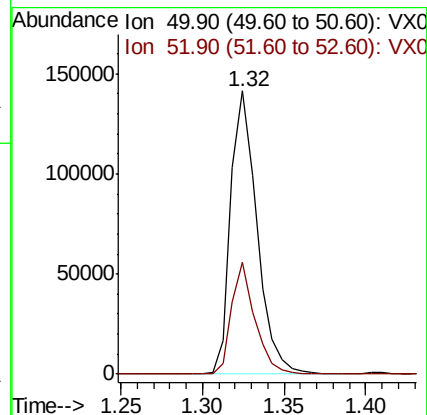
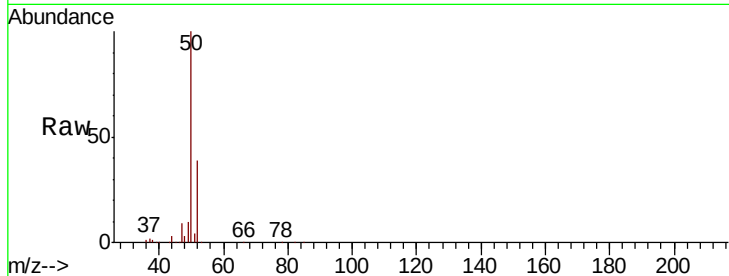
VSTDCCC050

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

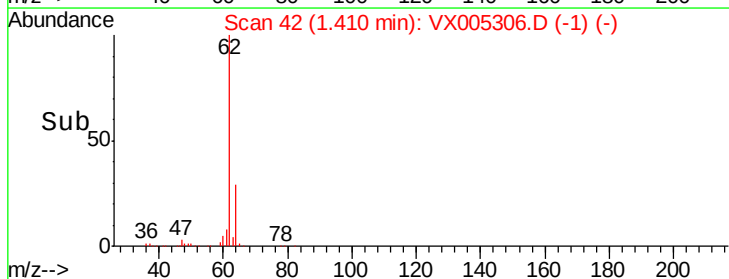
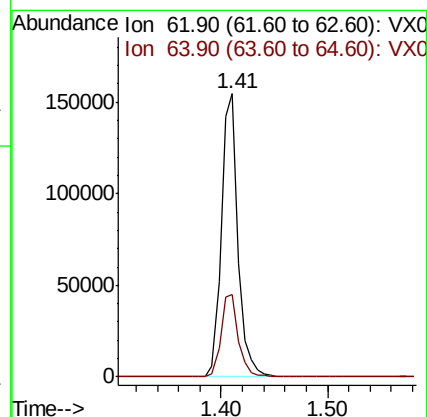
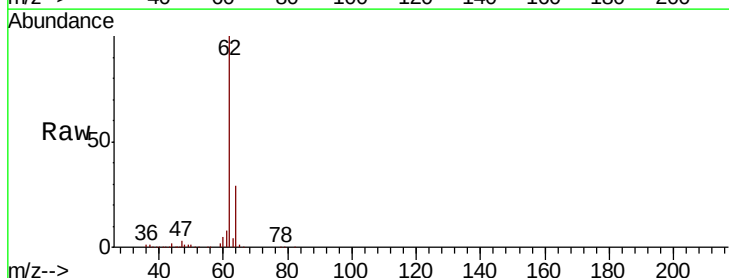
Acq: 12 Oct 2018 21:24

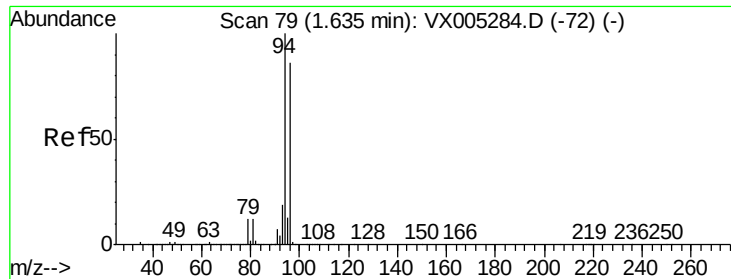
Tgt Ion: 62 Resp: 166125

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 :

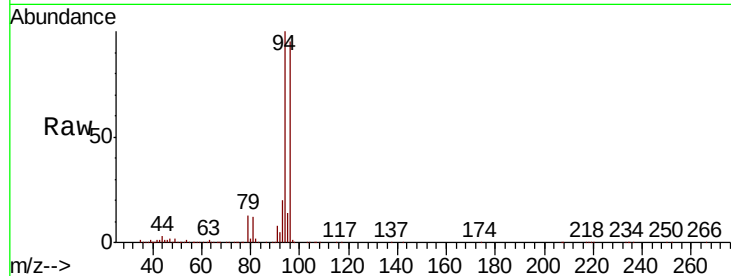
VSTDCCC050

Tot Ion: 94 Resp: 86541

Ion Ratio Lower Upper

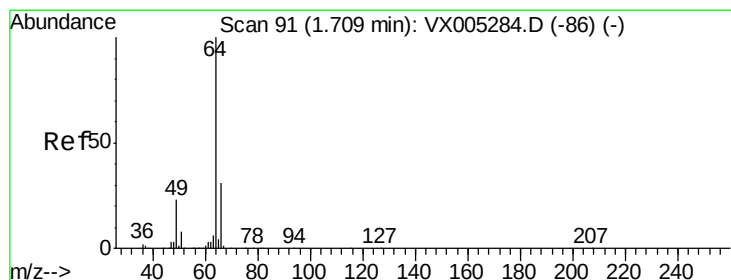
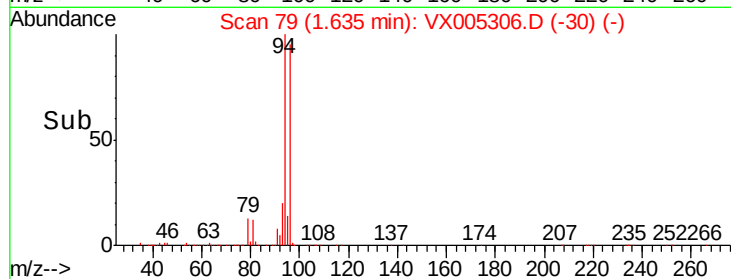
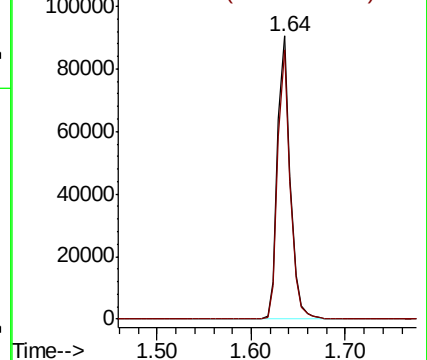
94 100

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

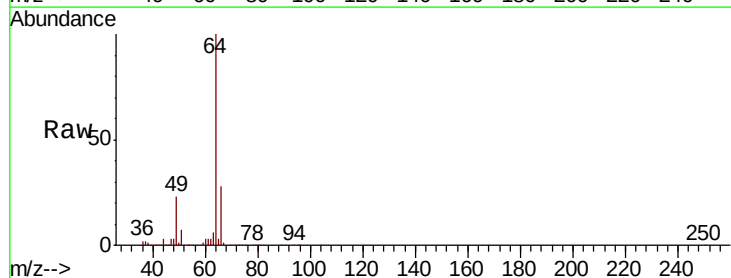
Acq: 12 Oct 2018 21:24

Tgt Ion: 64 Resp: 104534

Ion Ratio Lower Upper

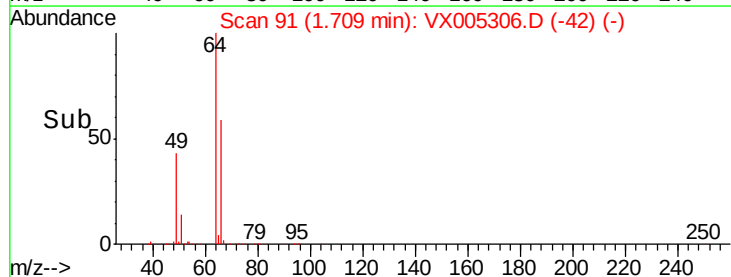
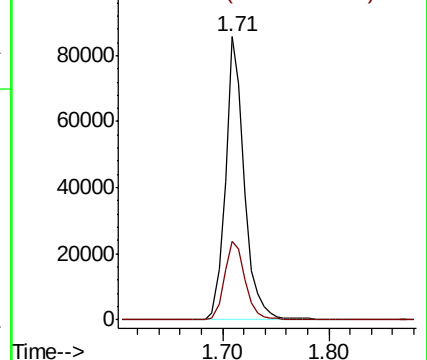
64 100

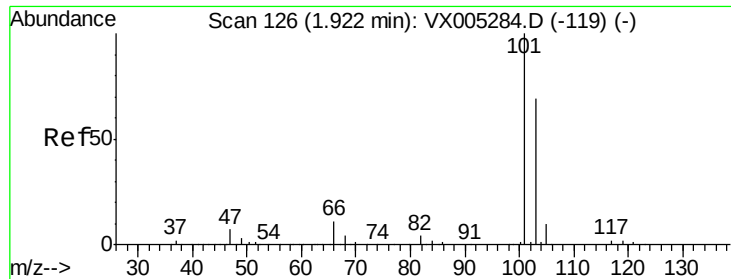
66 27.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



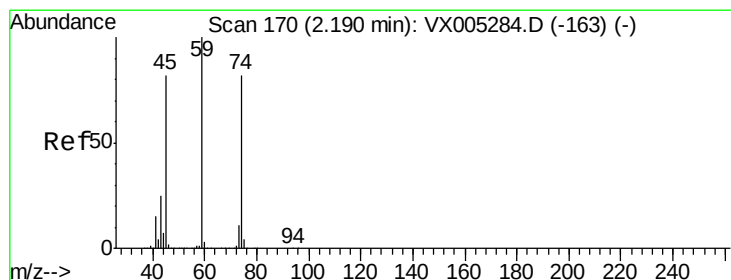
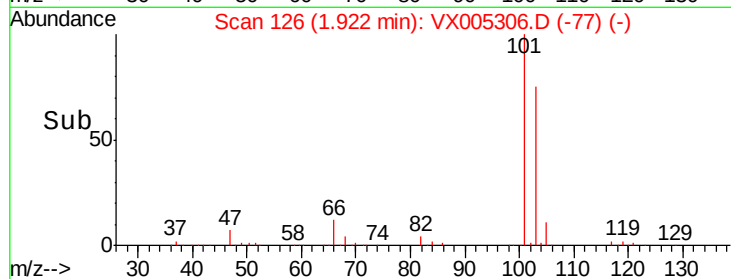
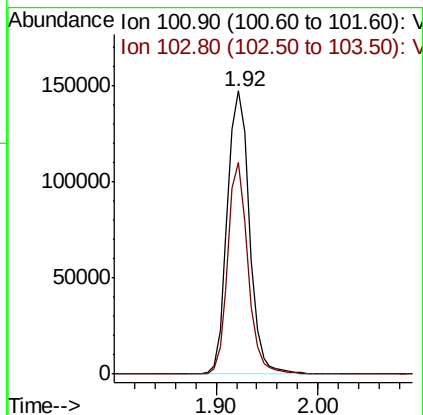
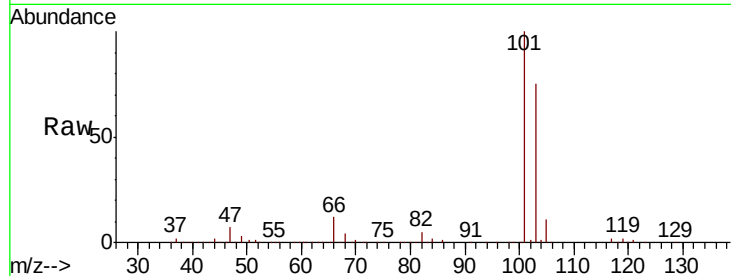


#7

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 :
VSTDCCC050

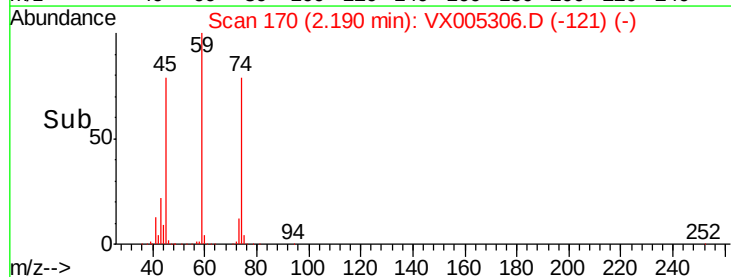
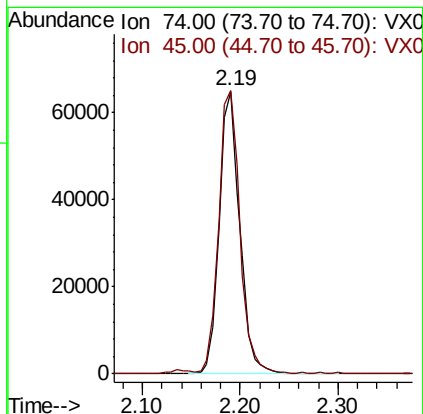
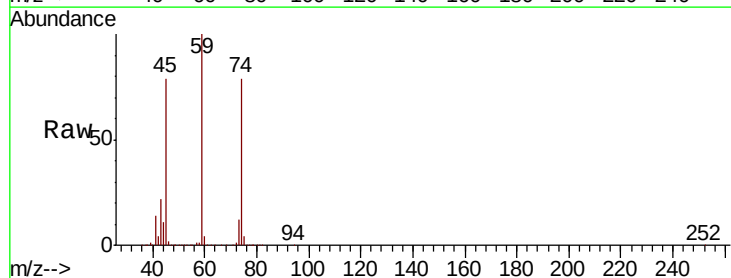
Tot Ion:101 Resp: 221089
Ion Ratio Lower Upper
101 100
103 75.0 48.9 73.3#

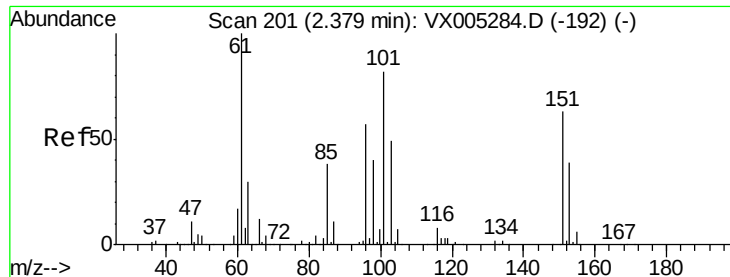


#8

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 :

VSTDCCC050

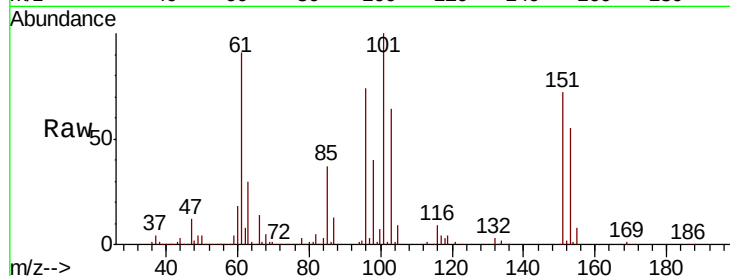
Tot Ion:101 Resp: 133363

Ion Ratio Lower Upper

101 100

85 40.4 34.2 51.4

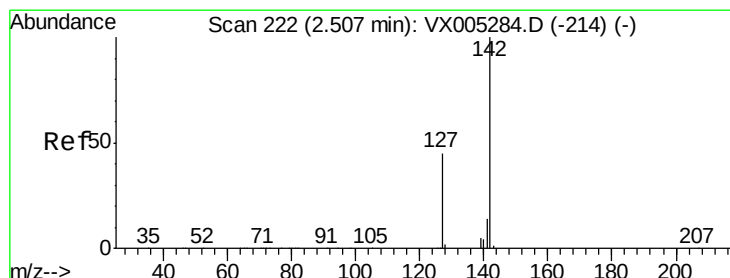
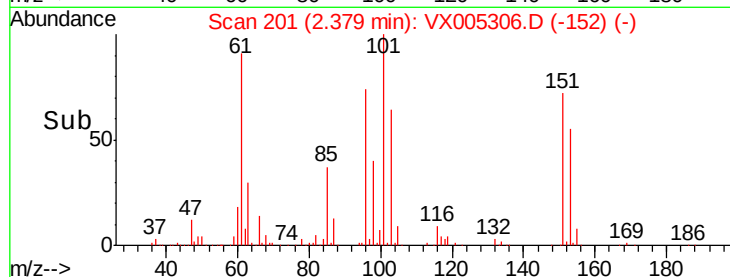
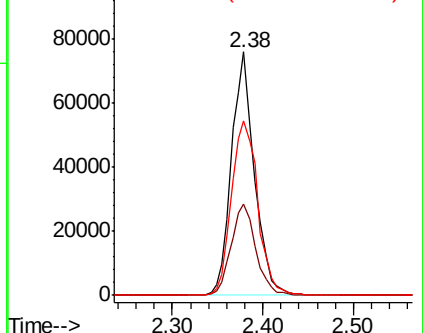
151 82.5 65.0 97.6



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

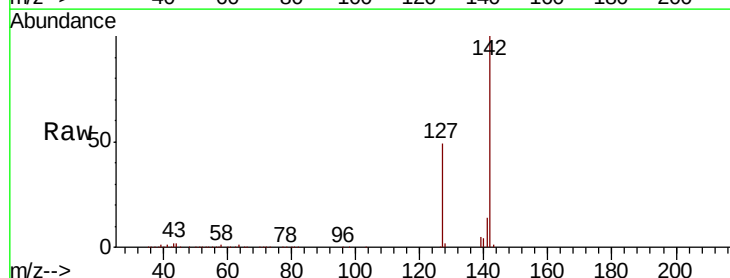
Tgt Ion:142 Resp: 142983

Ion Ratio Lower Upper

142 100

127 44.1 33.8 50.6

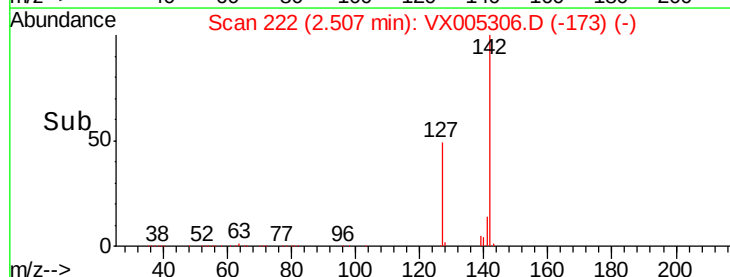
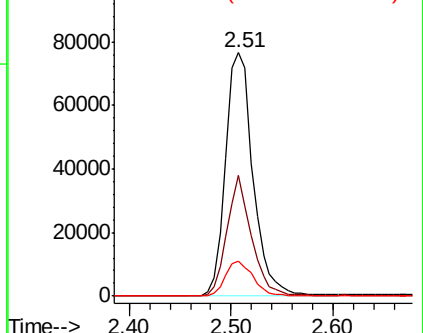
141 14.6 11.4 17.0

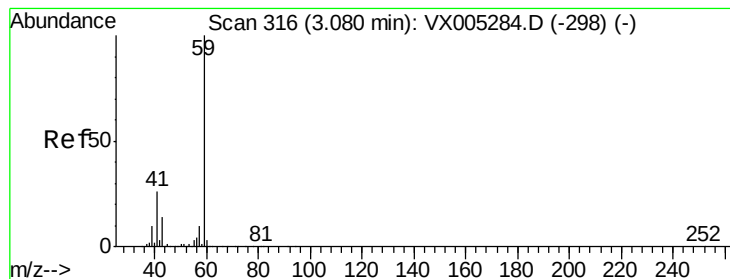


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



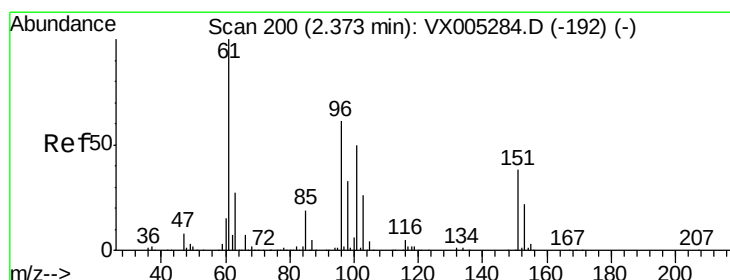
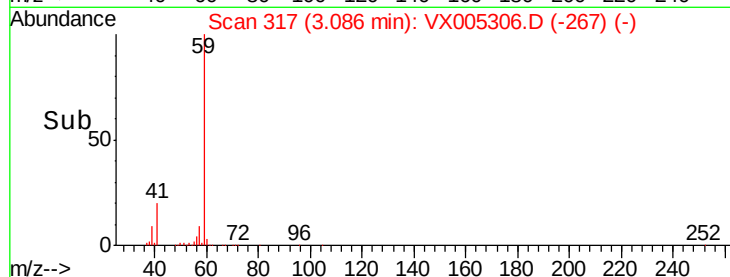
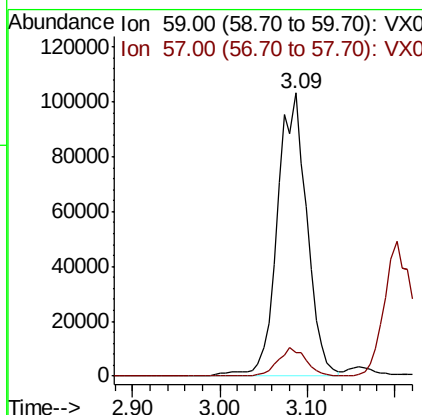
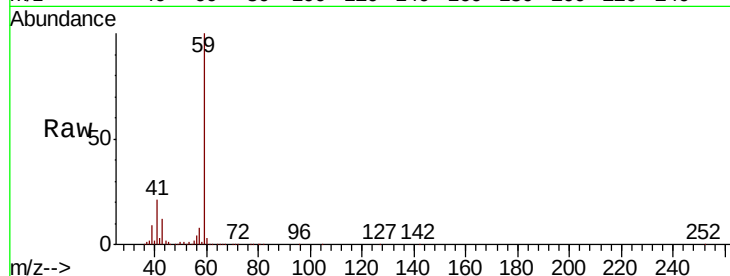


#11

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
ClientSampleId :
VSTDCCC050

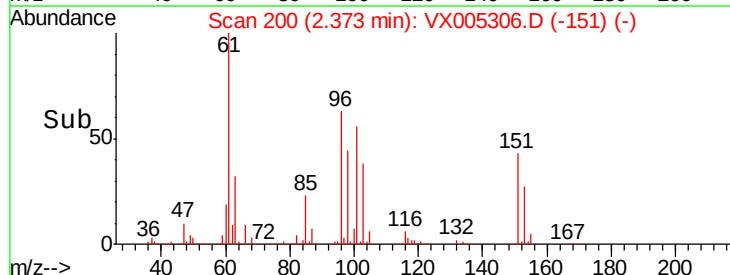
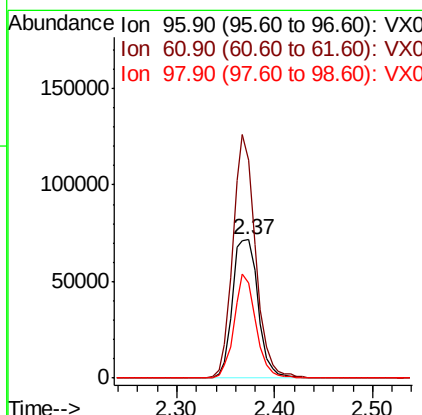
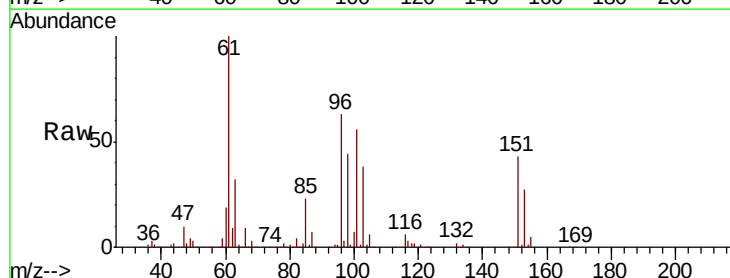
Tot Ion: 59 Resp: 242374
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.4

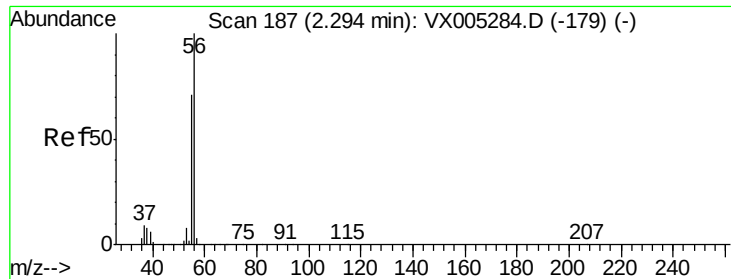


#12

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 :

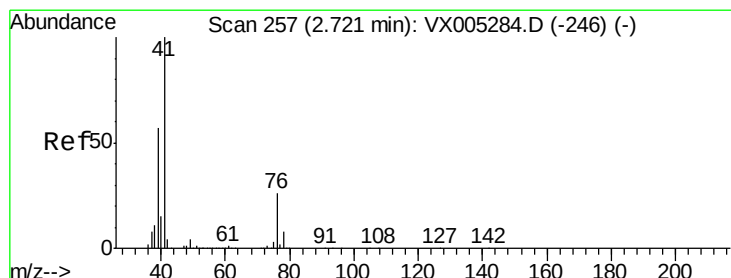
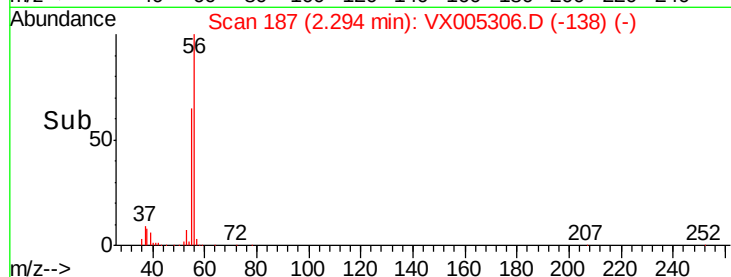
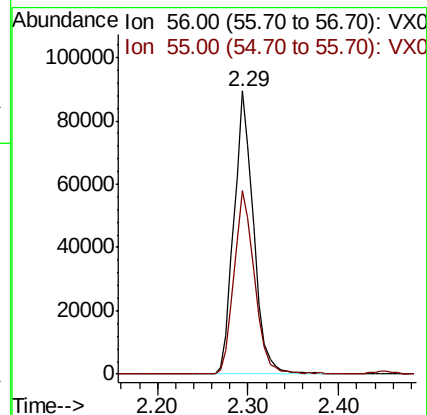
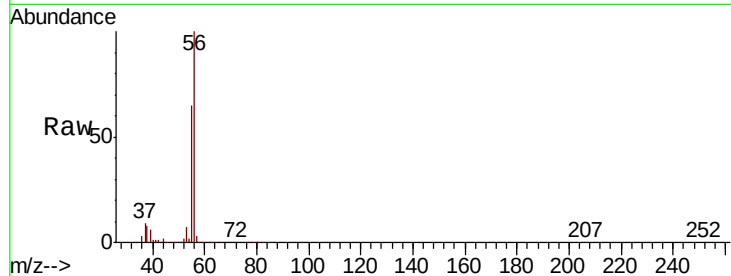
VSTDCCC050

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

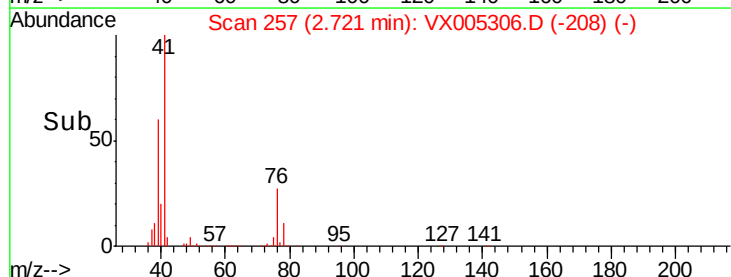
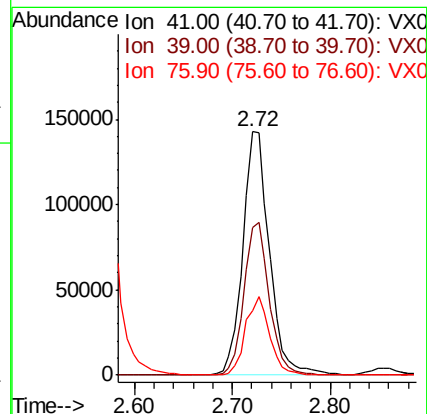
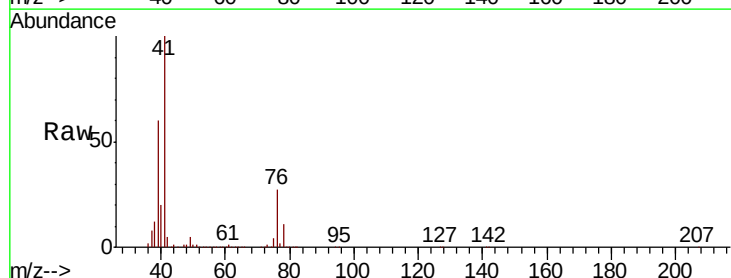
Tgt Ion: 41 Resp: 268213

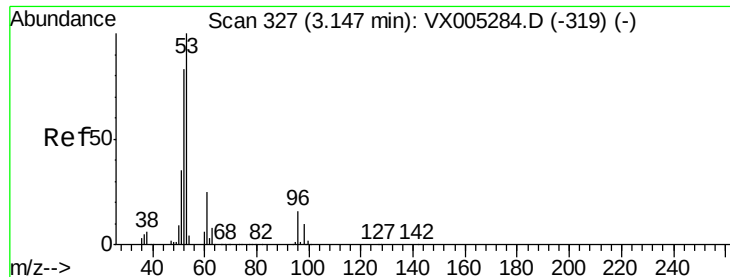
Ion Ratio Lower Upper

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 :

VSTDCCC050

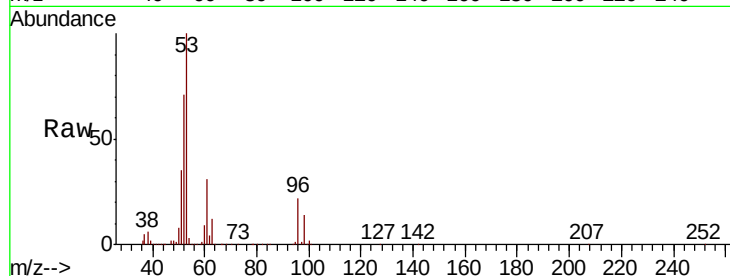
Tot Ion: 53 Resp: 522961

Ion Ratio Lower Upper

53 100

52 76.3 65.2 97.8

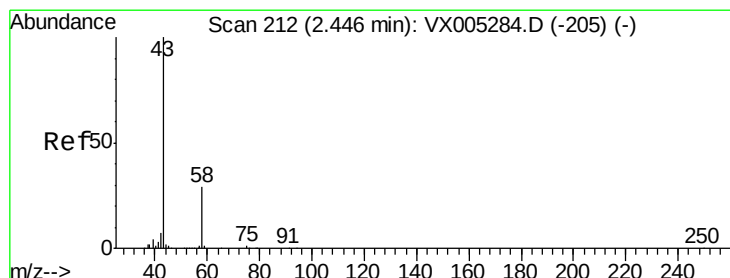
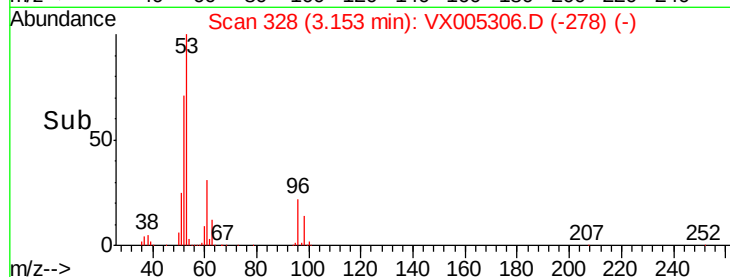
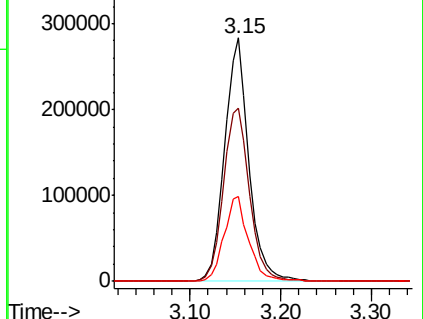
51 35.6 28.2 42.2



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

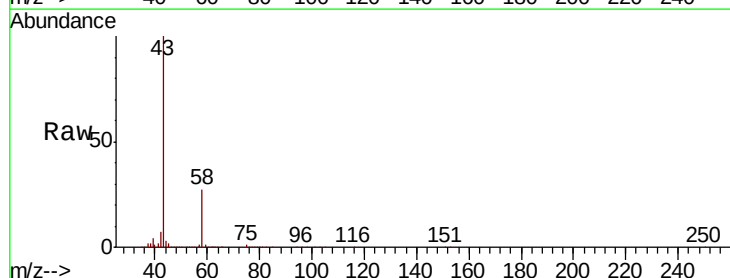
Acq: 12 Oct 2018 21:24

Tgt Ion: 43 Resp: 428819

Ion Ratio Lower Upper

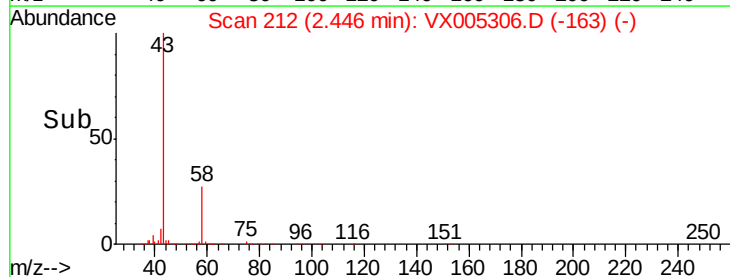
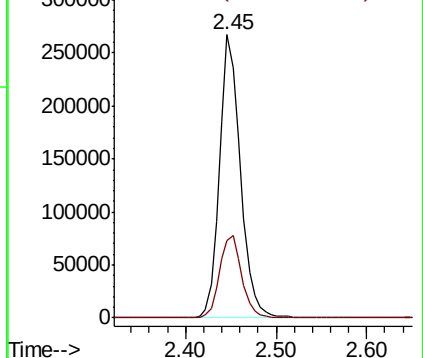
43 100

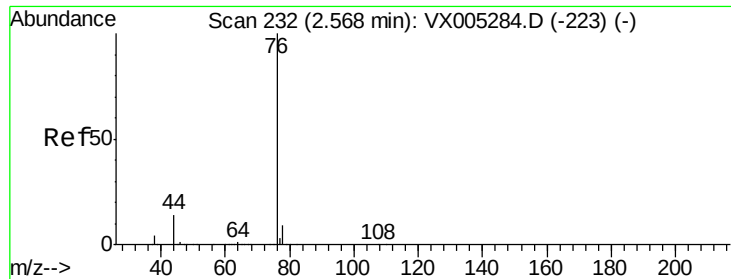
58 27.2 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

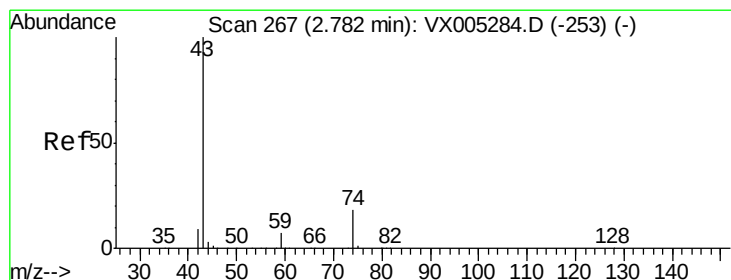
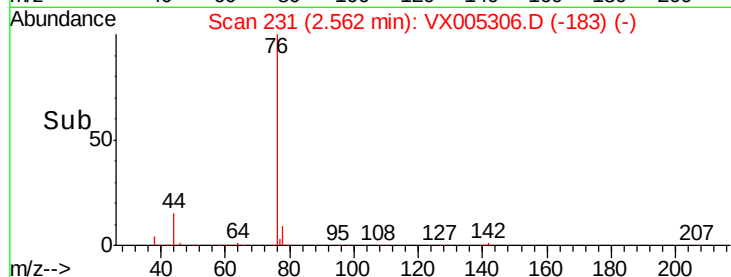
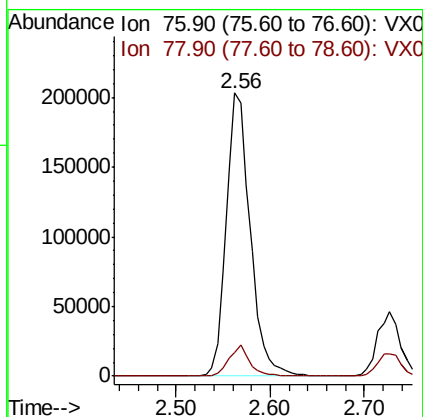
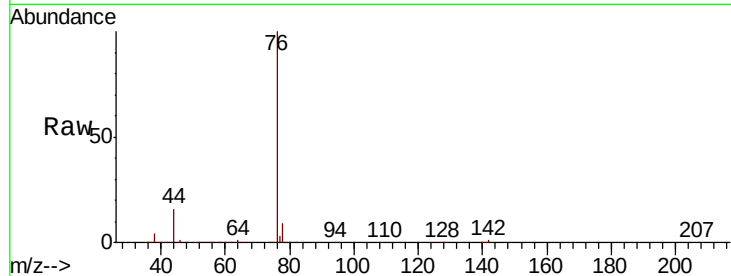




#17
Carbon Disulfide
Concen: 48.645 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

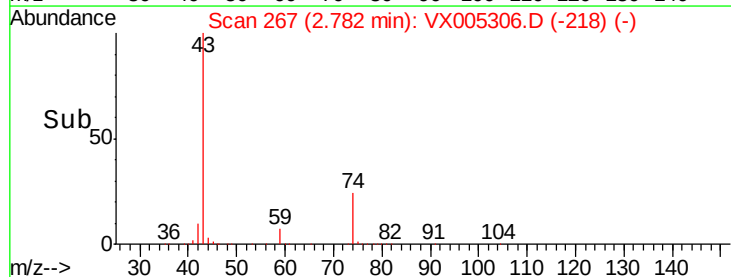
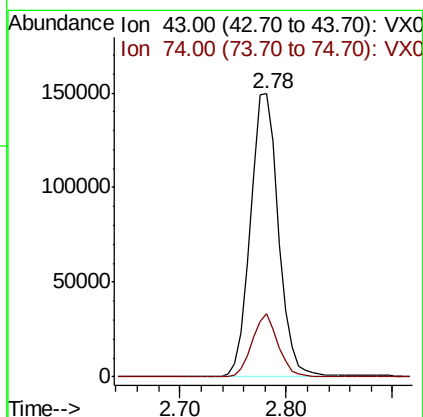
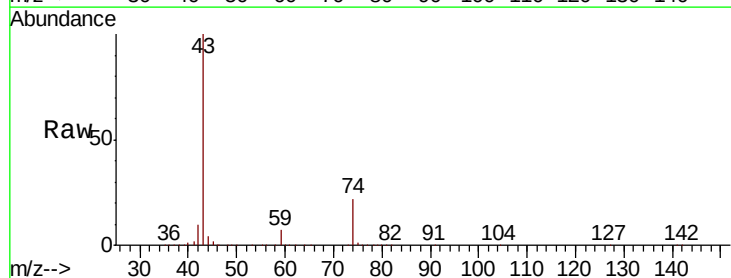
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

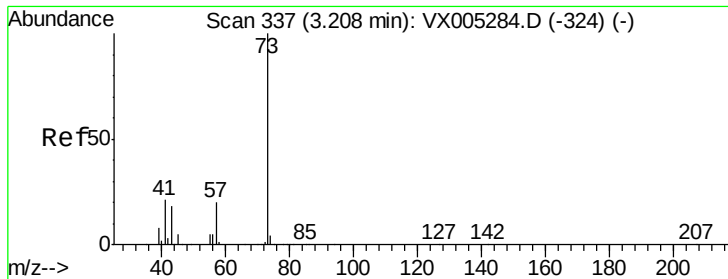
Tot Ion: 76 Resp: 358940
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#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



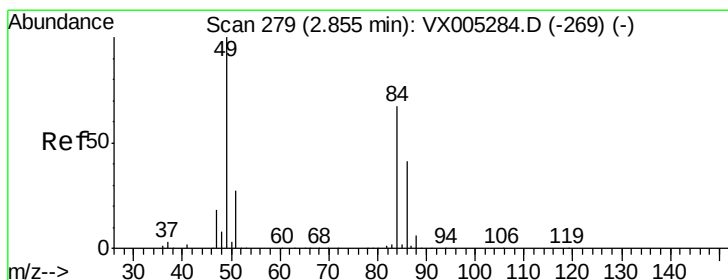
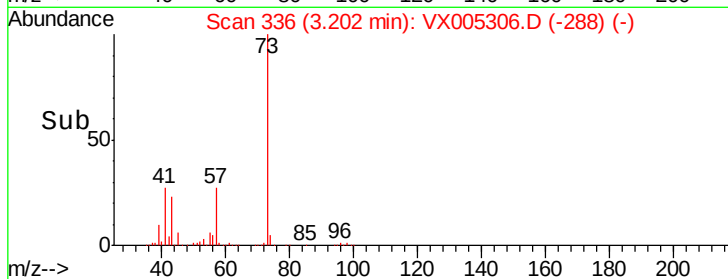
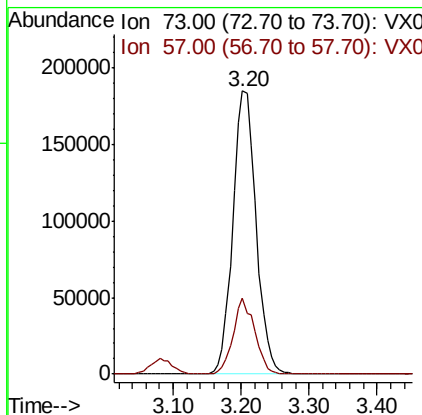
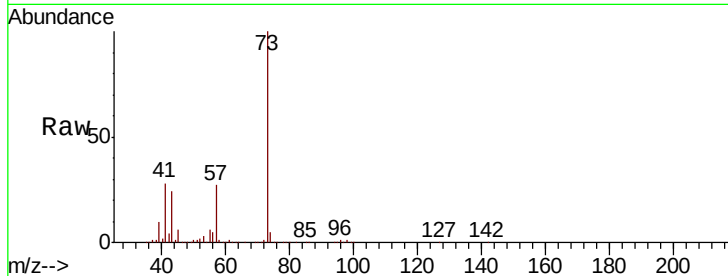


#19

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 :
 VSTDCCC050

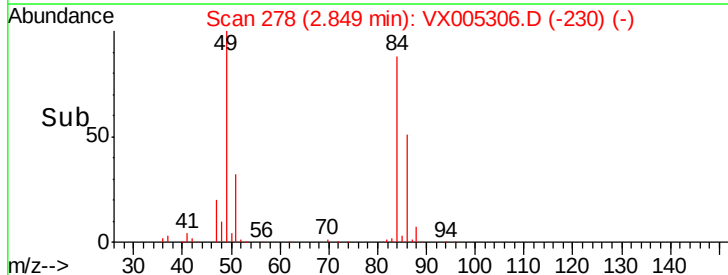
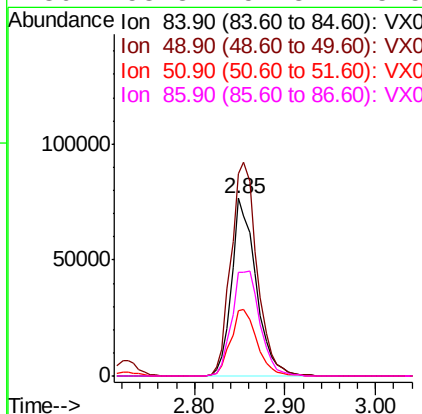
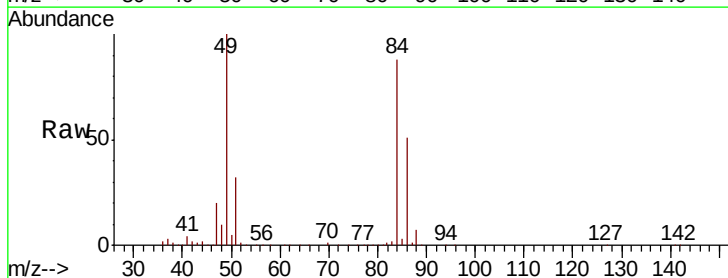
Tot Ion: 73 Resp: 439876
 Ion Ratio Lower Upper
 73 100
 57 26.6 17.1 25.7#

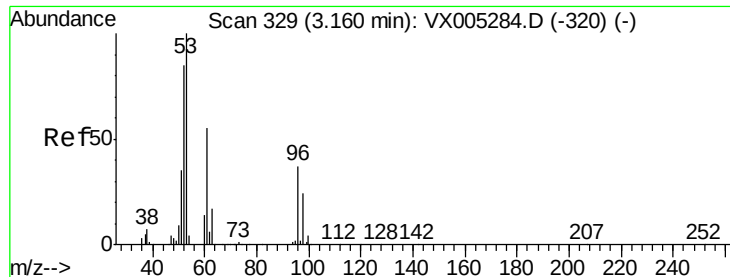


#20

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 :

VSTDCCC050

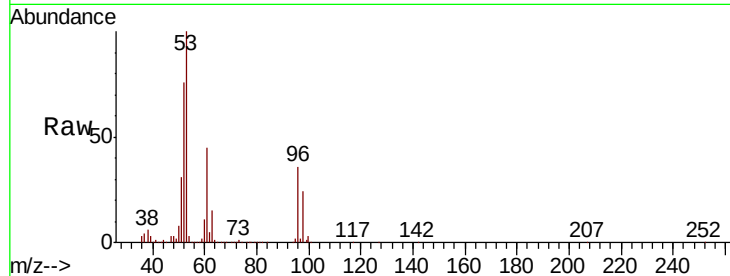
Tot Ion: 96 Resp: 144378

Ion Ratio Lower Upper

96 100

61 124.6 113.8 170.6

98 65.6 51.8 77.8

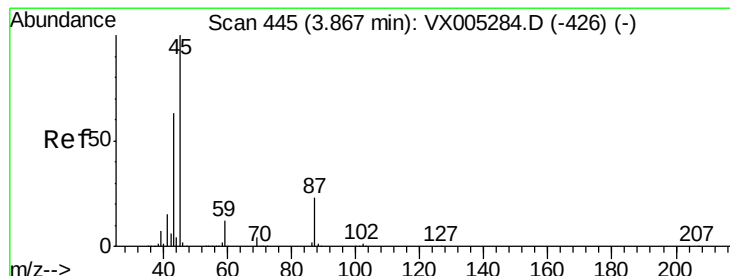
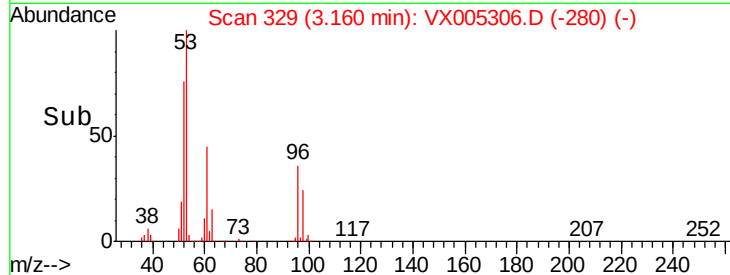
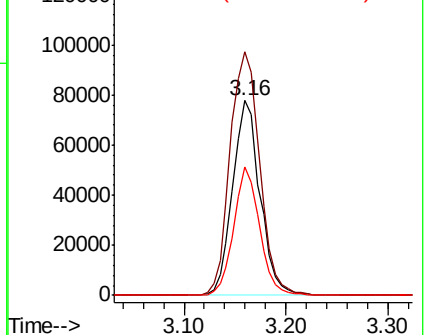


Abundance

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

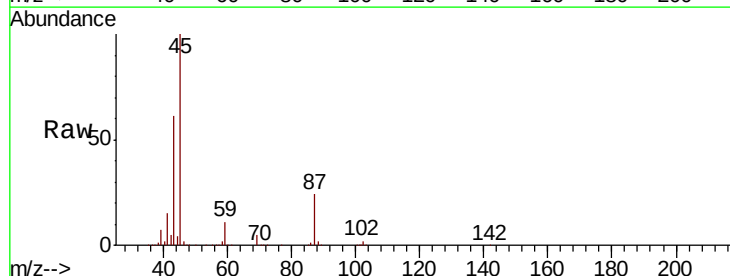
Ion Ratio Lower Upper

45 100

43 60.8 42.8 64.2

87 23.8 22.6 34.0

59 11.1 9.6 14.4



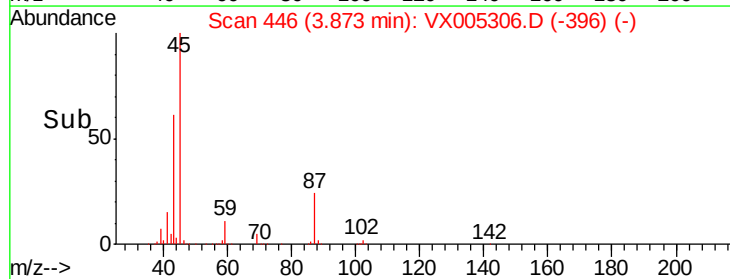
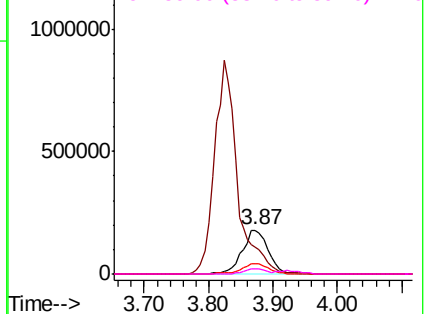
Abundance

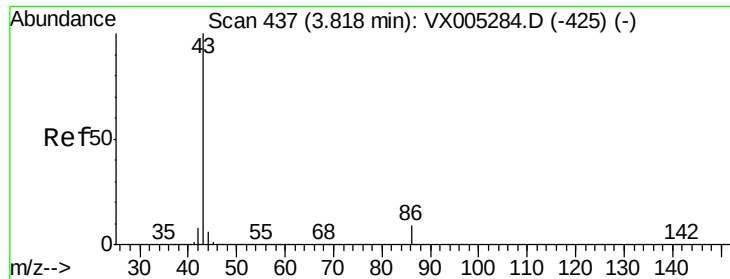
Ion 45.00 (44.70 to 45.70): VX0

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 :

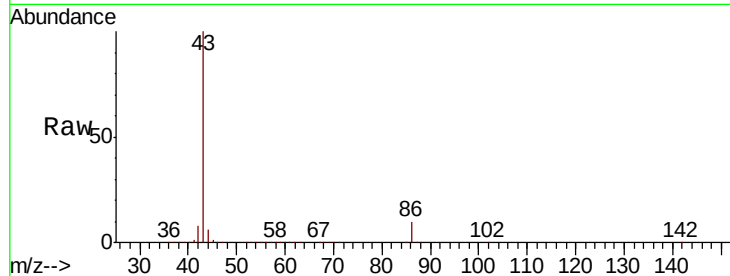
VSTDCCC050

Tot Ion: 43 Resp: 2189095

Ion Ratio Lower Upper

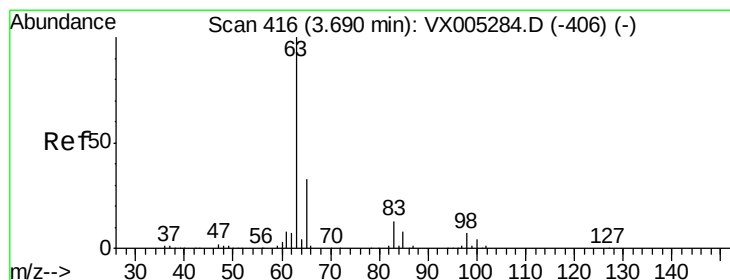
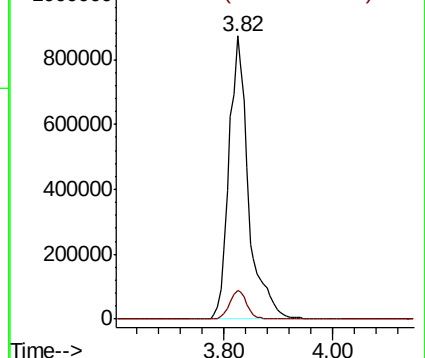
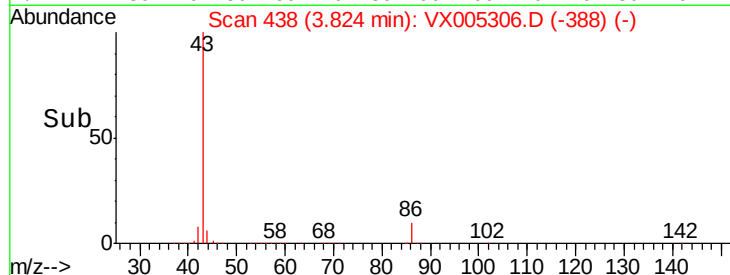
43 100

86 10.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX005306.D (-388) (-)

Ion 86.00 (85.70 to 86.70): VX005306.D (-388) (-)



#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

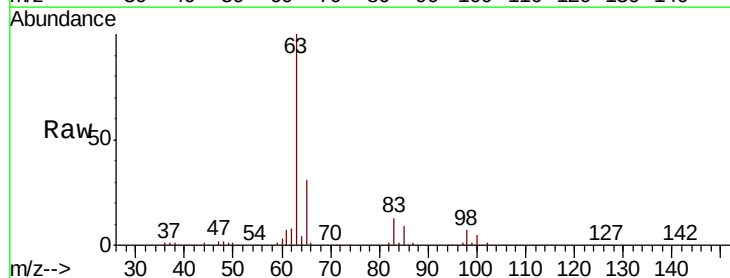
Tgt Ion: 63 Resp: 258887

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

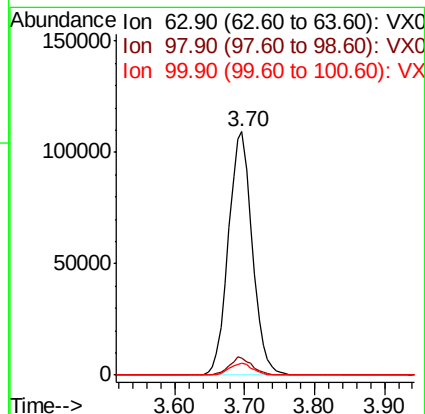
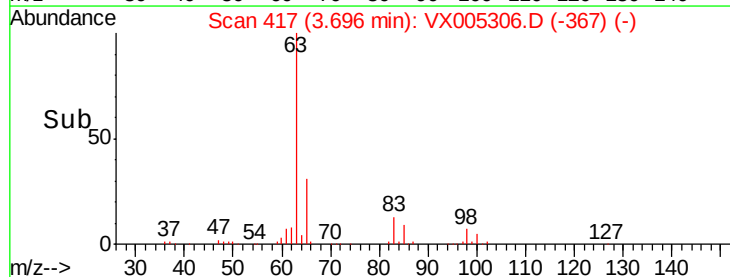
100 5.0 2.4 7.1

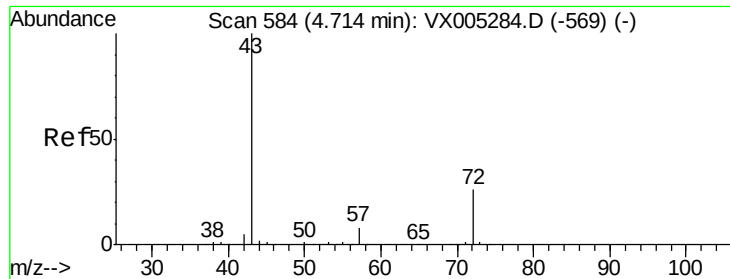


Abundance Ion 62.90 (62.60 to 63.60): VX005306.D (-367) (-)

Ion 97.90 (97.60 to 98.60): VX005306.D (-367) (-)

Ion 99.90 (99.60 to 100.60): VX005306.D (-367) (-)





#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 :

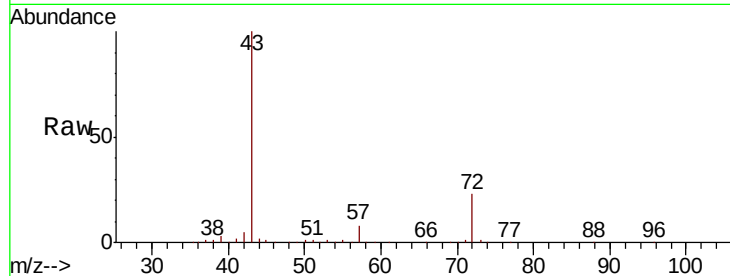
VSTDCCC050

Tot Ion: 43 Resp: 693459

Ion Ratio Lower Upper

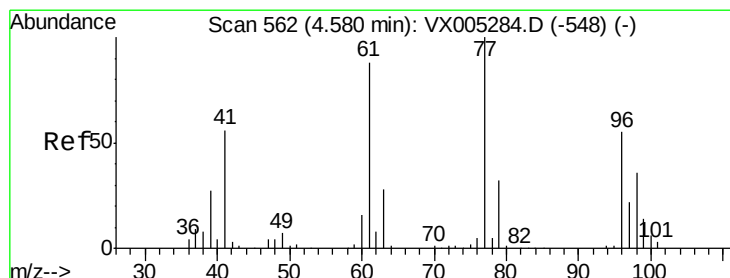
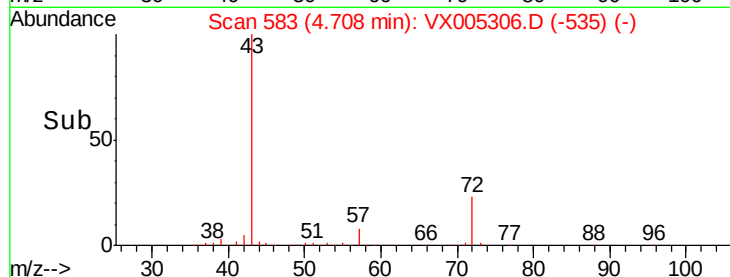
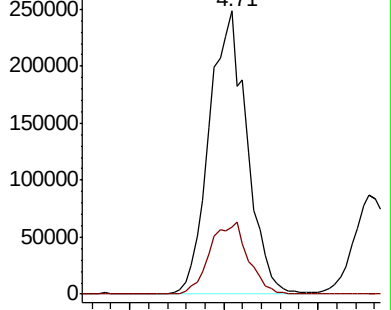
43 100

72 23.5 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#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

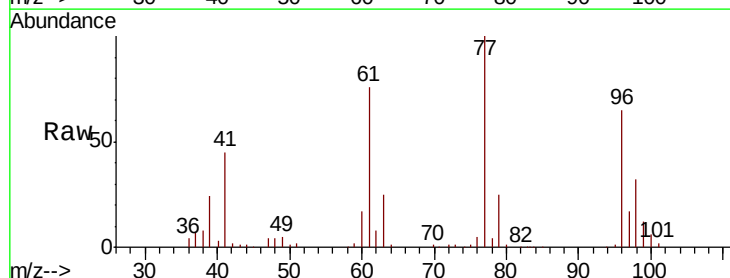
Acq: 12 Oct 2018 21:24

Tgt Ion: 77 Resp: 182939

Ion Ratio Lower Upper

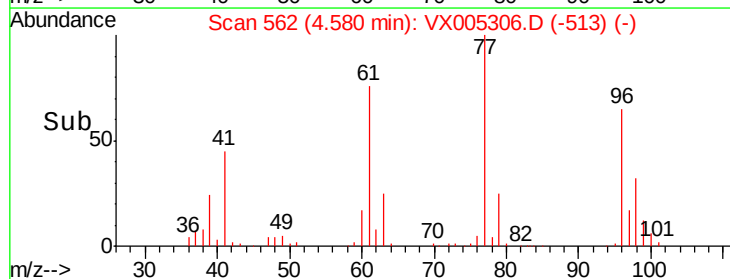
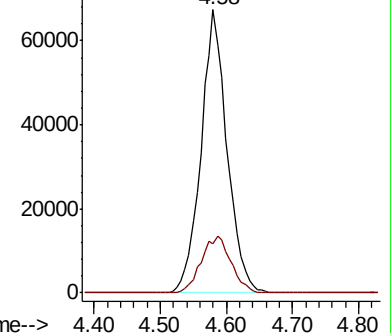
77 100

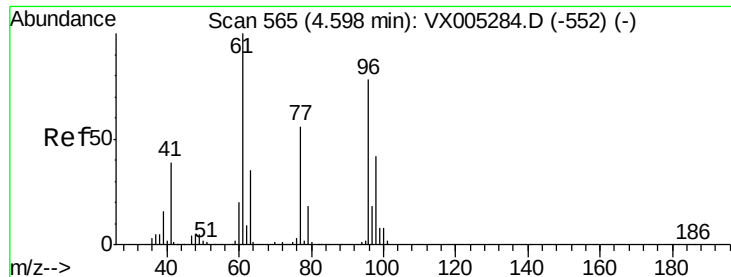
97 23.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



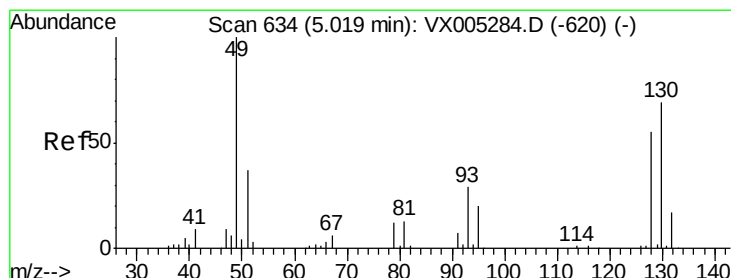
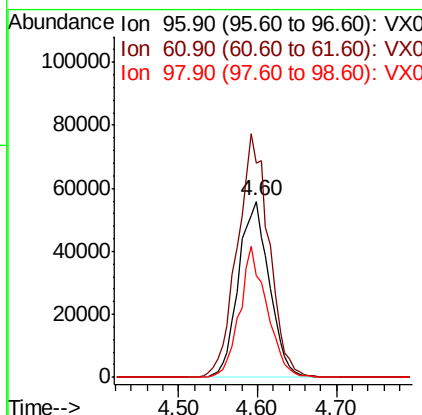
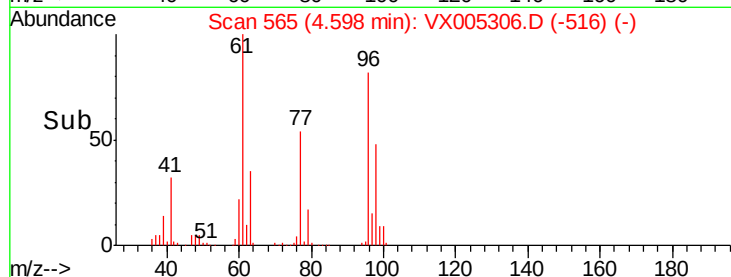
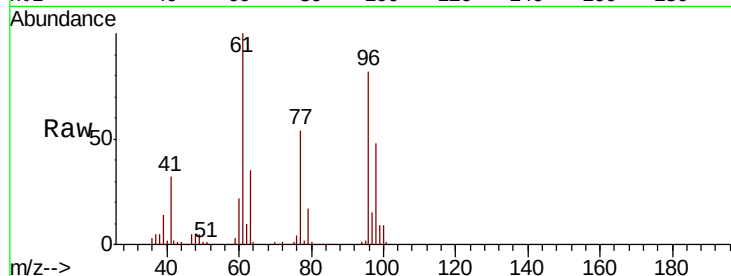


#27

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 :
VSTDCCC050

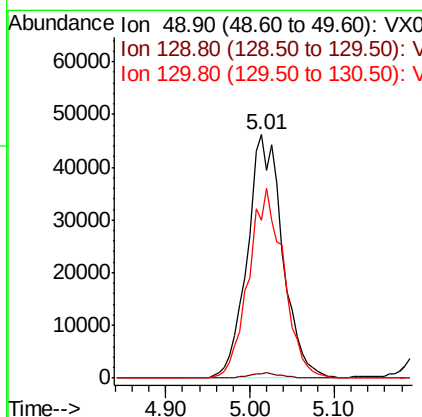
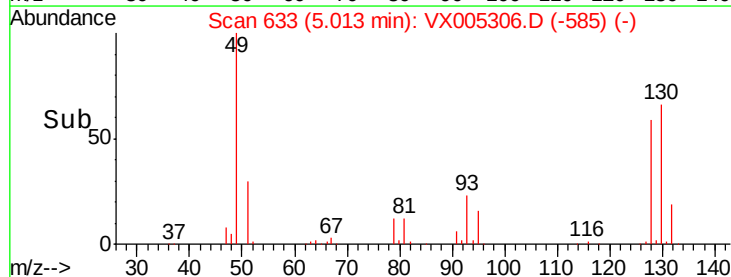
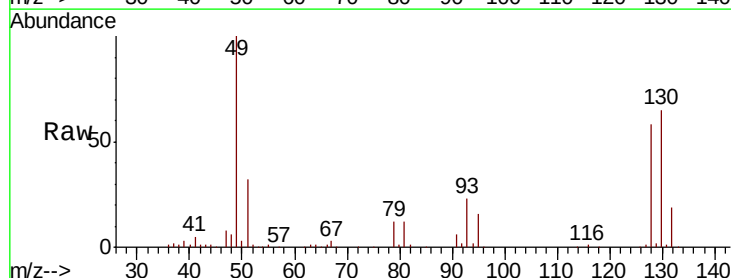
Tot Ion: 96 Resp: 152032
Ion Ratio Lower Upper
96 100
61 141.7 0.0 282.6
98 65.7 0.0 130.2

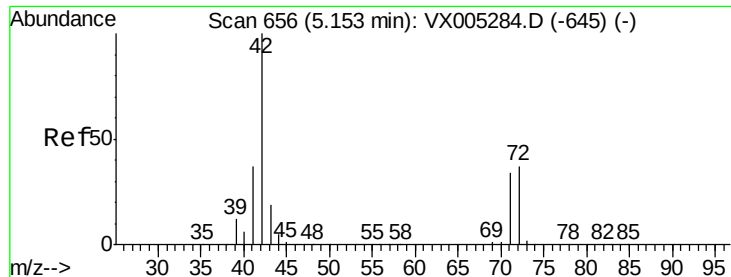


#28

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





#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 :

VSTDCCC050

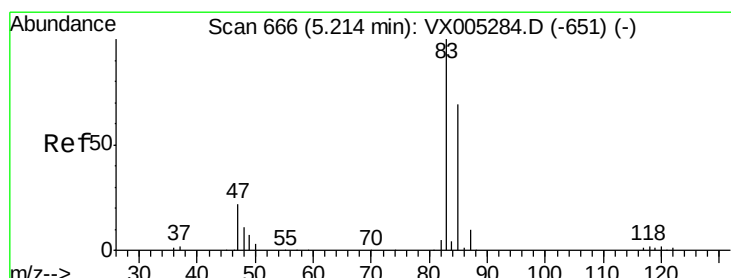
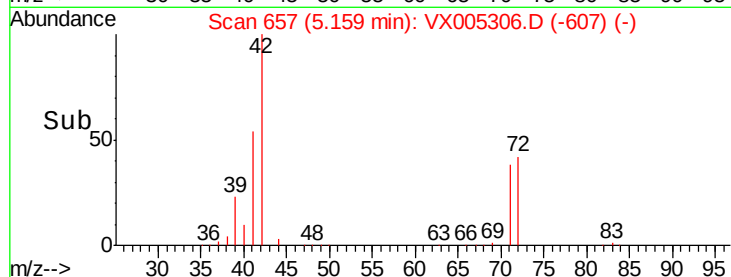
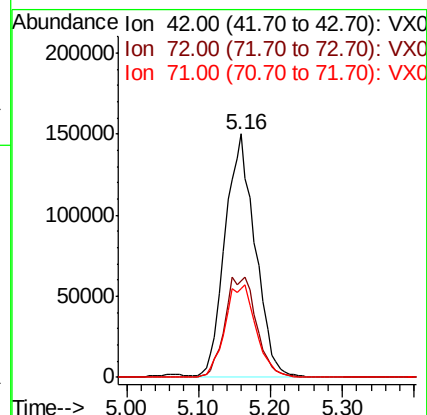
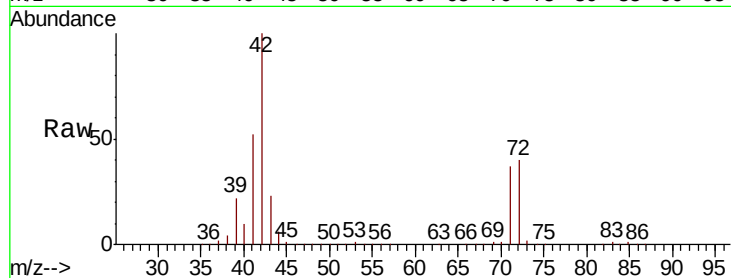
Tot Ion: 42 Resp: 435875

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

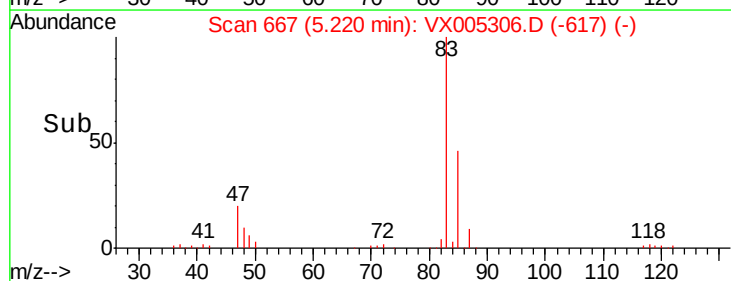
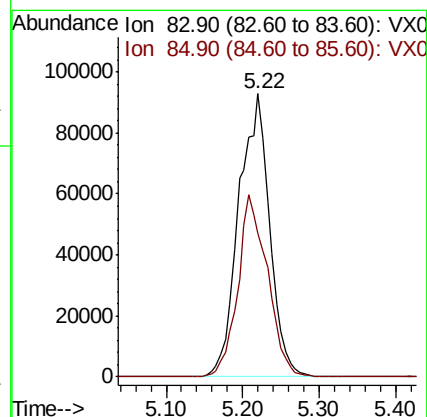
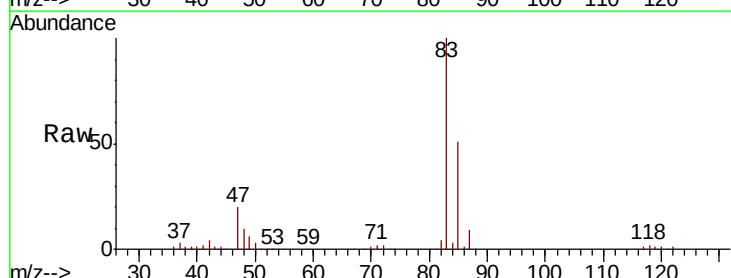
Acq: 12 Oct 2018 21:24

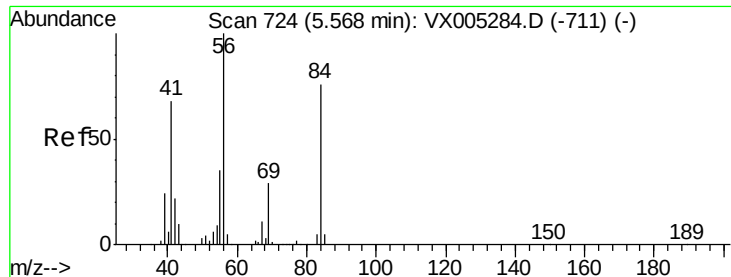
Tgt Ion: 83 Resp: 259302

Ion Ratio Lower Upper

83 100

85 51.0 52.6 79.0#

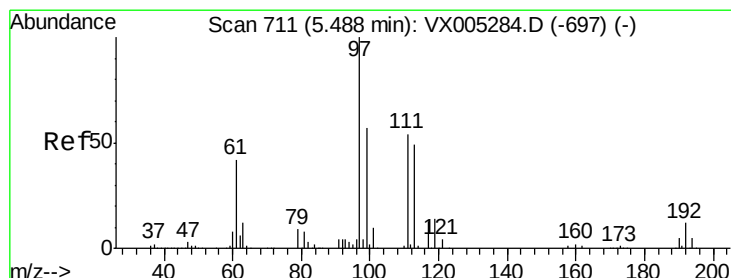
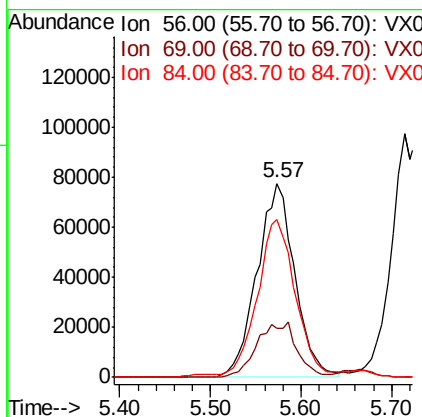
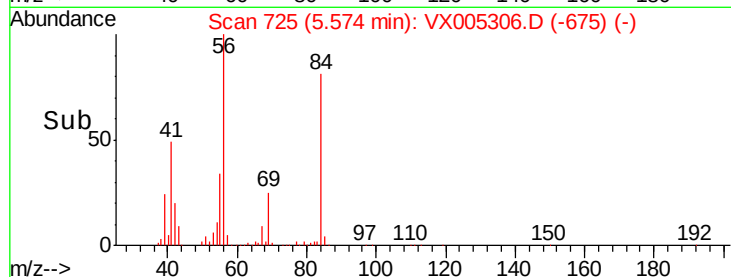
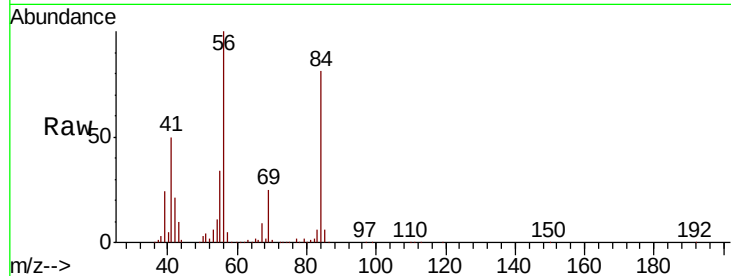




#31
Cyclohexane
Concen: 52.430 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

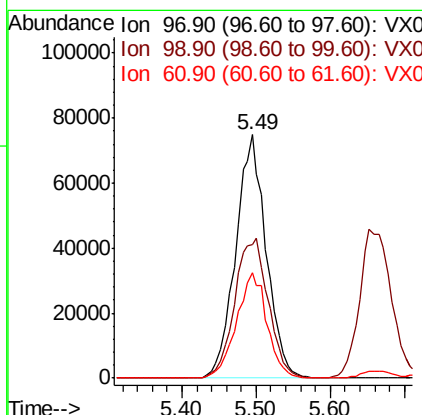
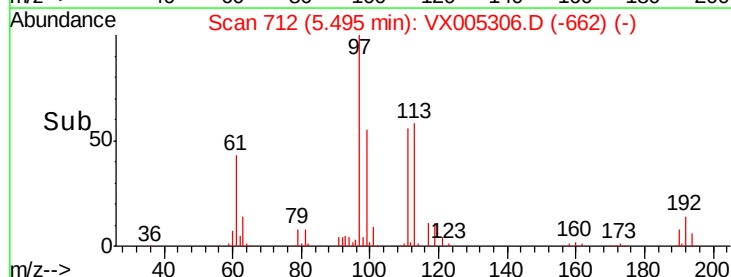
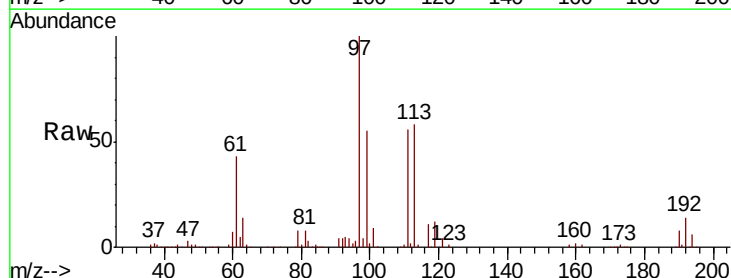
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

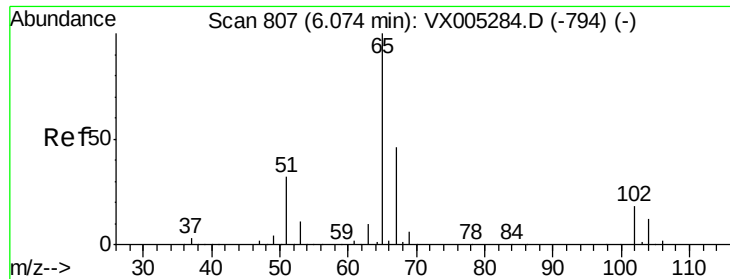
Tot Ion: 56 Resp: 222456
Ion Ratio Lower Upper
56 100
69 25.3 25.4 38.2#
84 80.1 71.4 107.2



#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

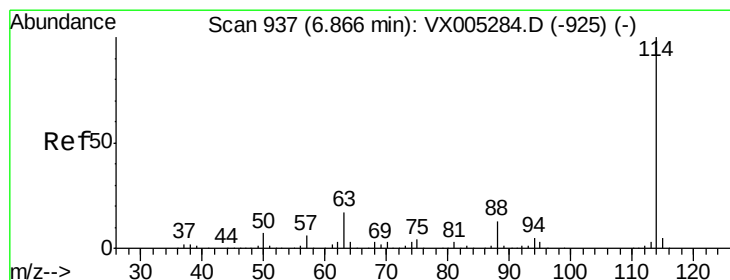
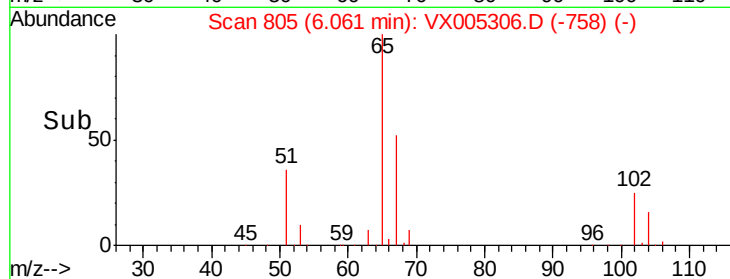
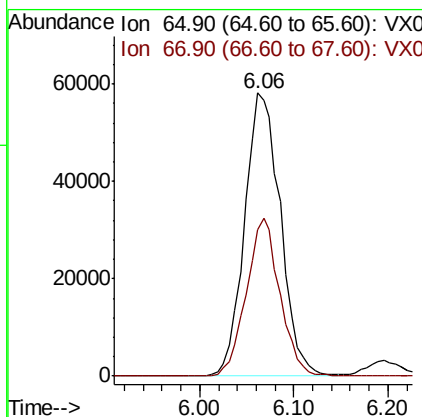
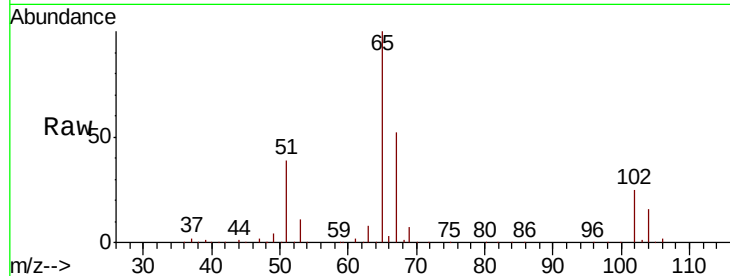




#33
 1,2-Dichloroethane-d4
 Concen: 50.135 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

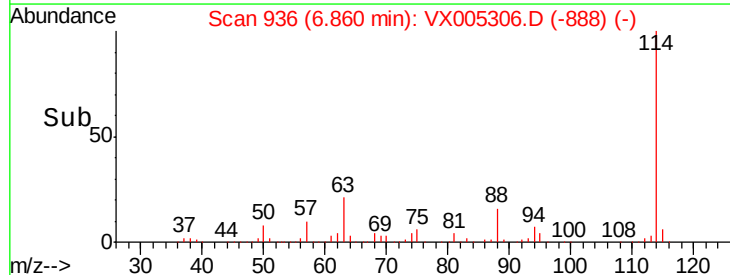
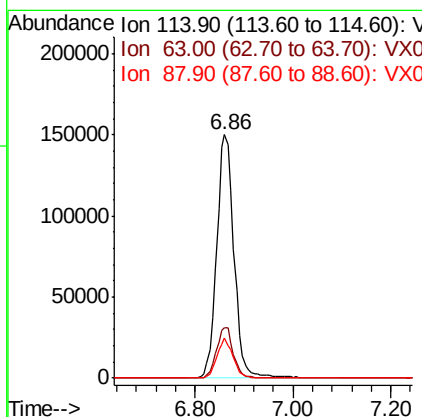
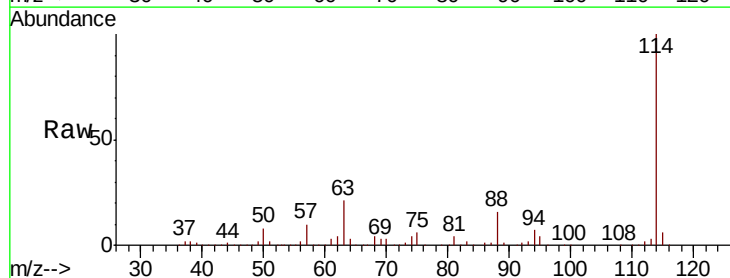
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

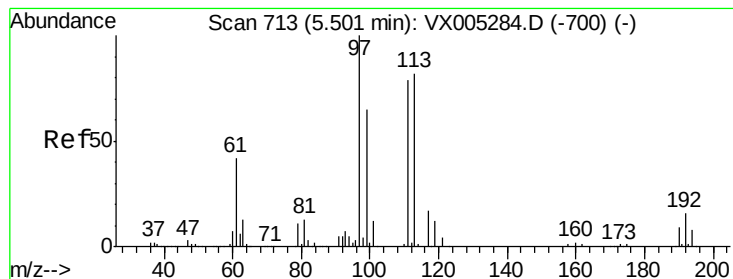
Tot Ion: 65 Resp: 154745
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.8



#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





#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 :

VSTDCCC050

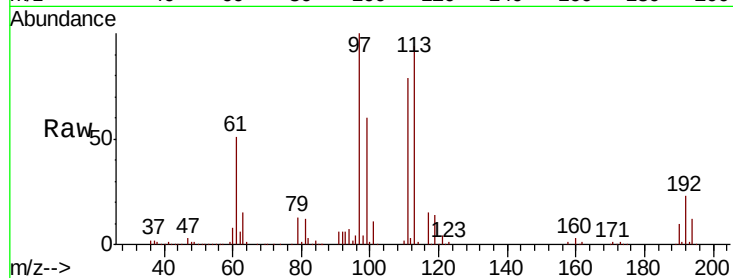
Tot Ion:113 Resp: 132346

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

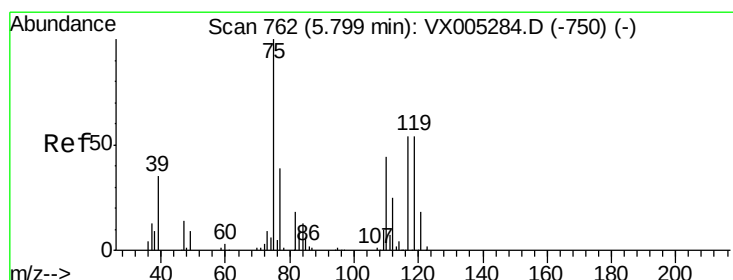
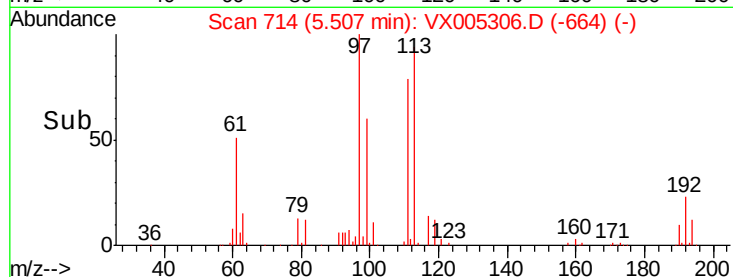
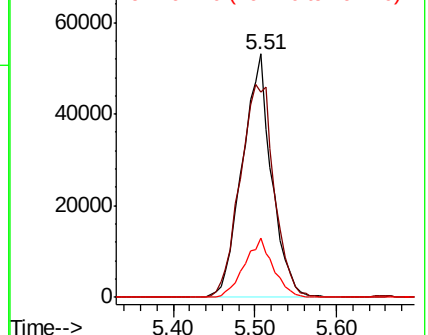
192 24.1 19.4 29.2



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

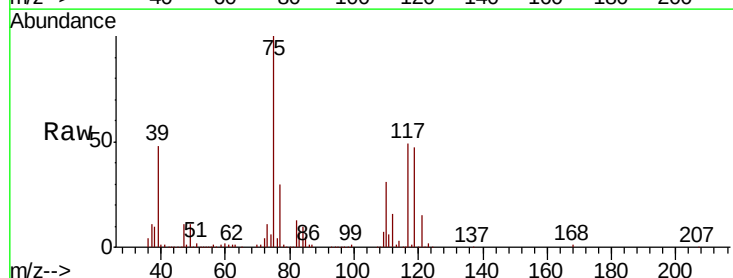
Tgt Ion: 75 Resp: 194324

Ion Ratio Lower Upper

75 100

110 34.2 18.0 54.0

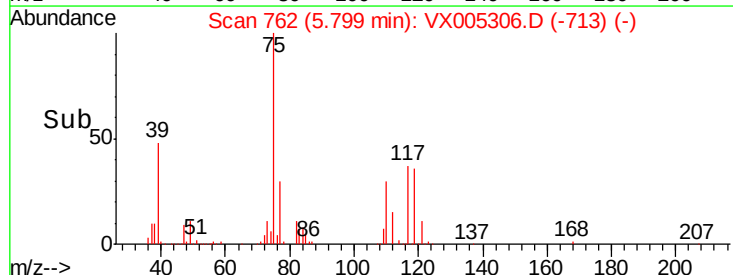
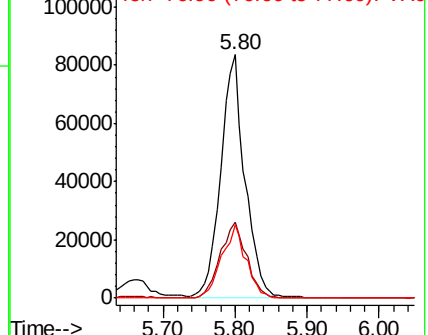
77 30.6 24.6 36.8

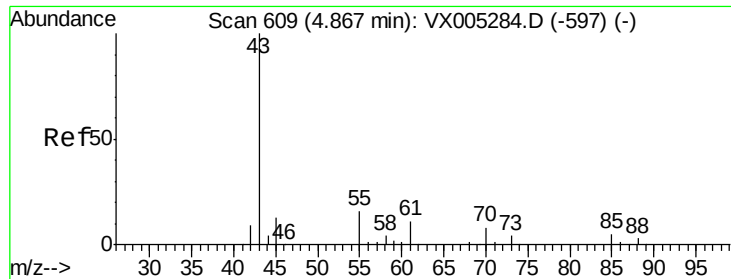


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

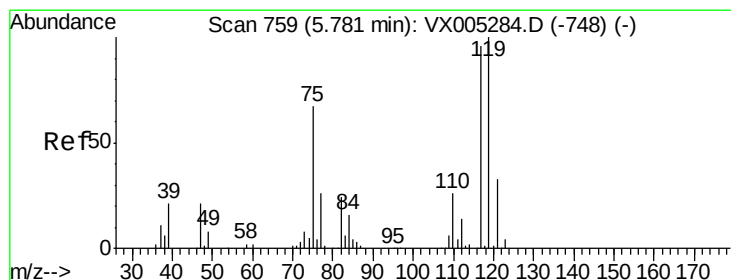
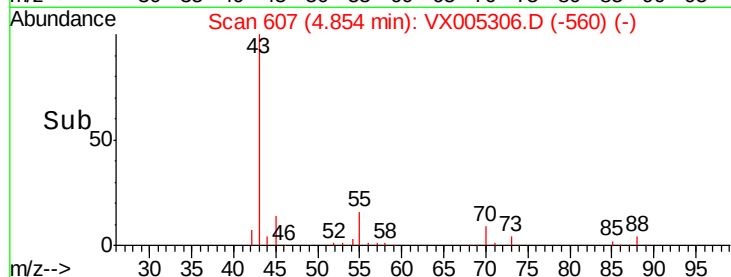
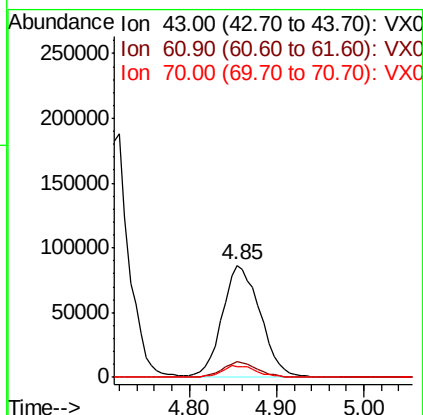
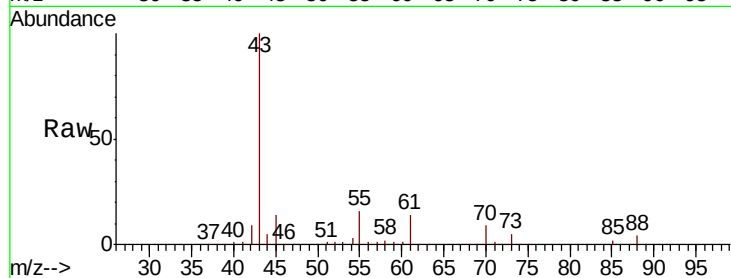




#37
Ethyl Acetate
Concen: 56.431 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

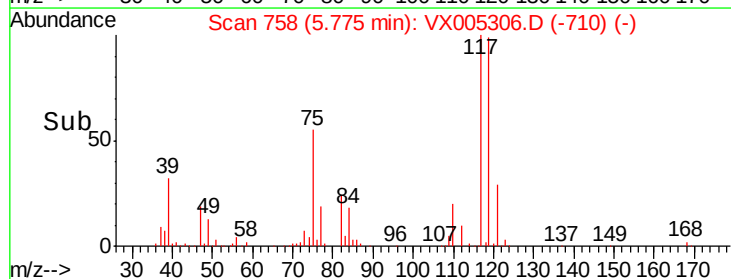
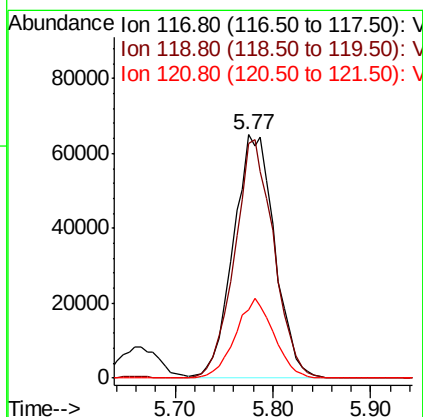
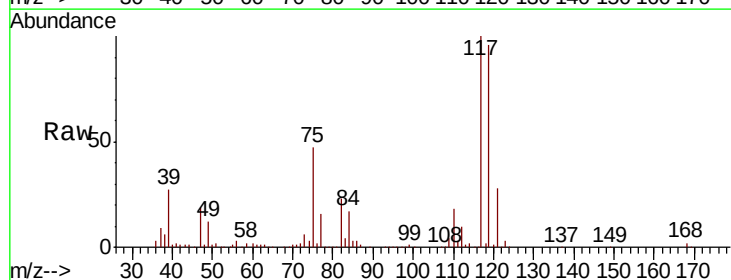
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

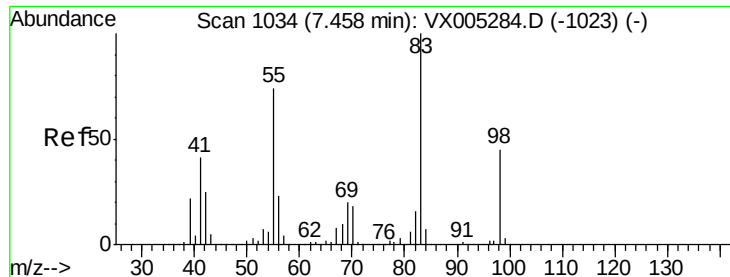
Tot Ion: 43 Resp: 258436
Ion Ratio Lower Upper
43 100
61 13.0 11.5 17.3
70 9.8 9.0 13.6



#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

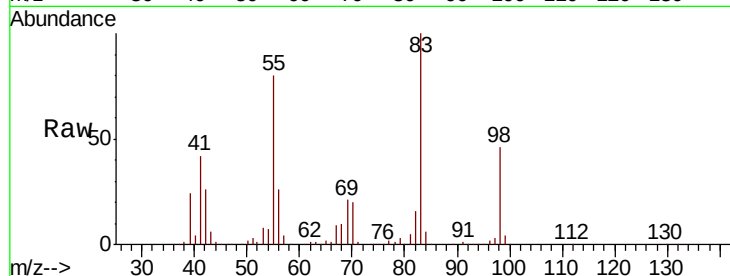




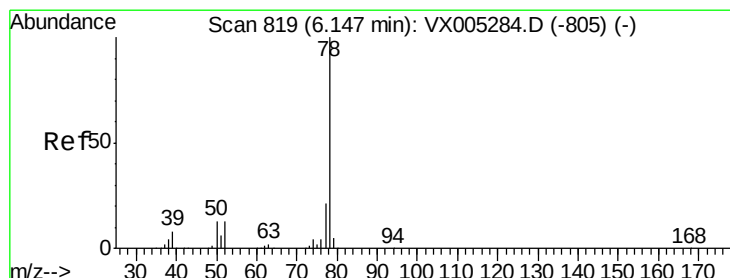
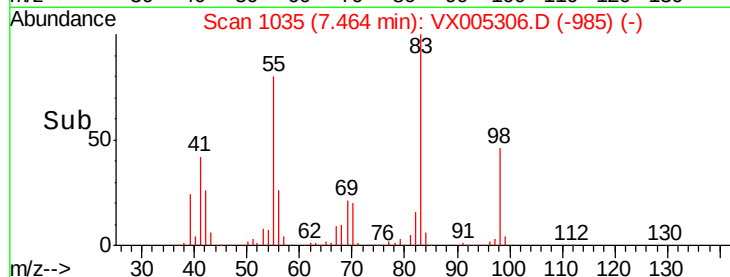
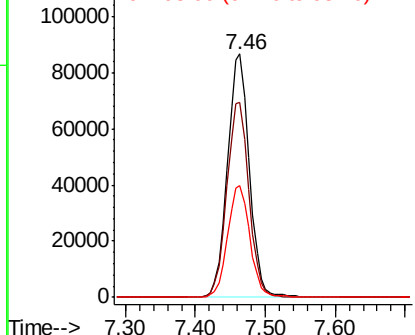
#39
Methylvlcyclohexane
Concen: 48.714 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

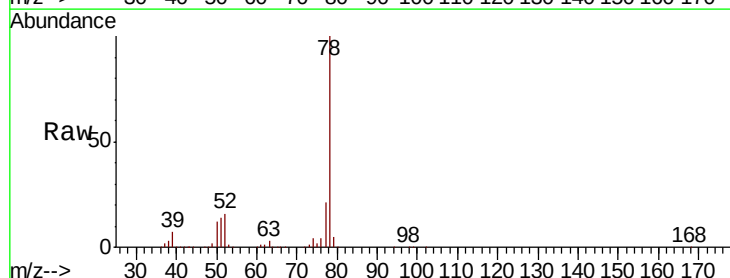


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

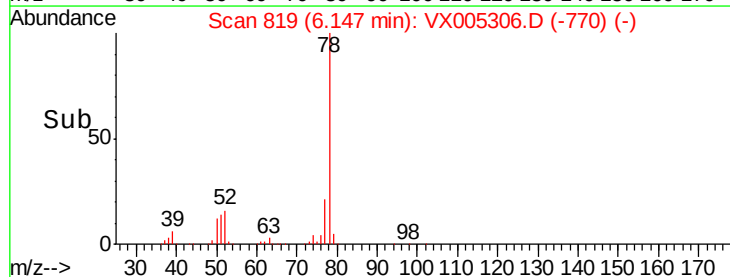
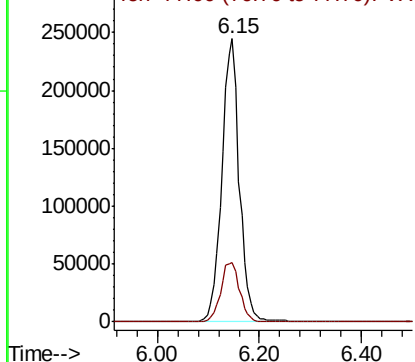


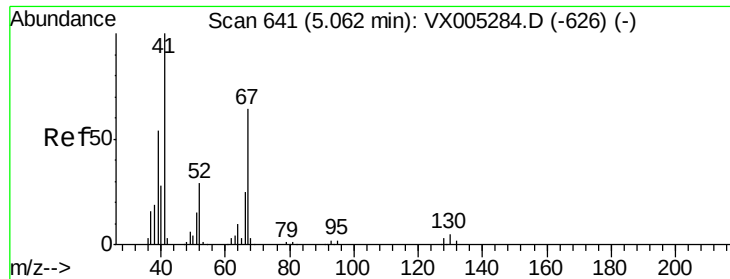
#40
Benzene
Concen: 54.480 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

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



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

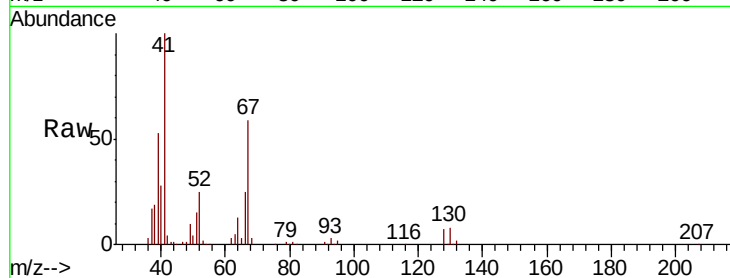




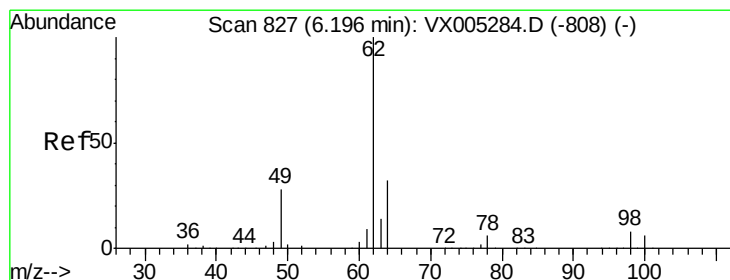
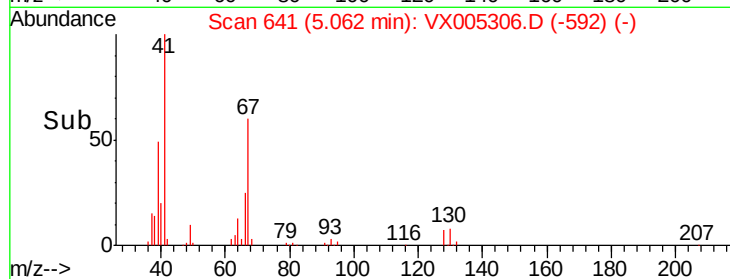
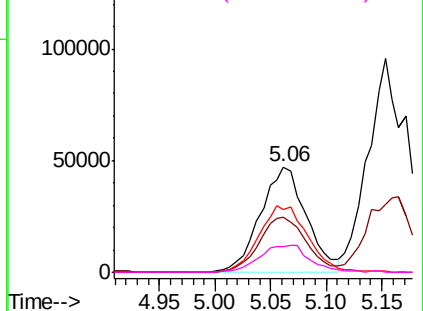
#41
Methacrylonitrile
Concen: 54.956 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

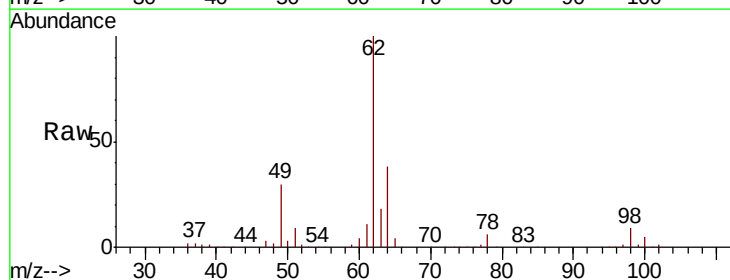


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

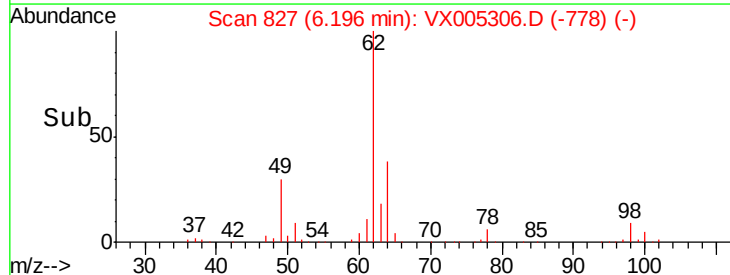
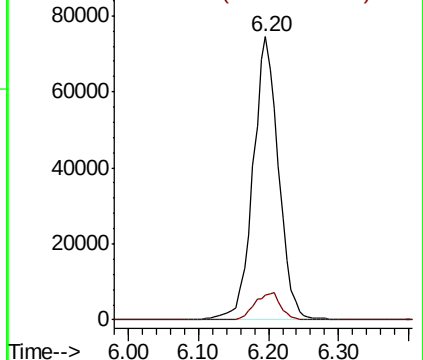


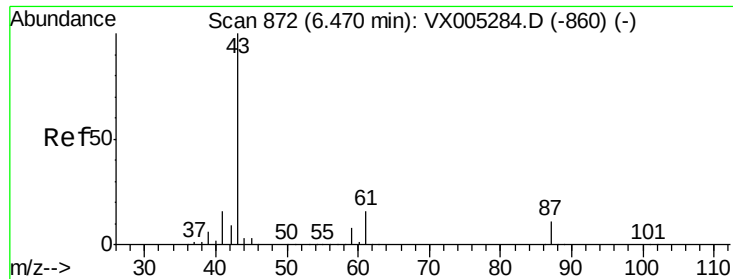
#42
1,2-Dichloroethane
Concen: 49.843 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

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 :

VSTDCCC050

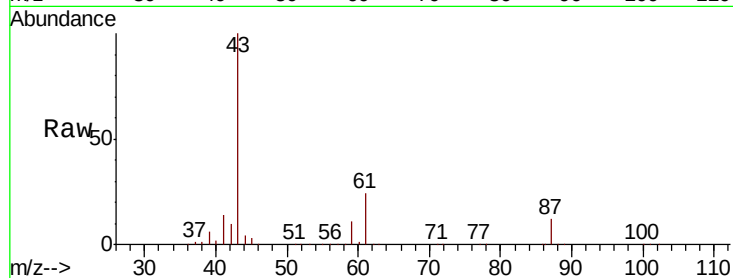
Tot Ion: 43 Resp: 346659

Ion Ratio Lower Upper

43 100

61 21.0 17.0 25.4

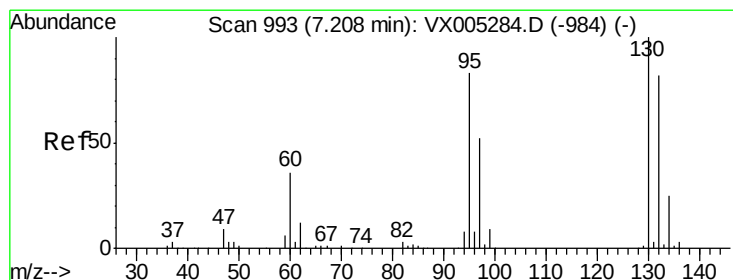
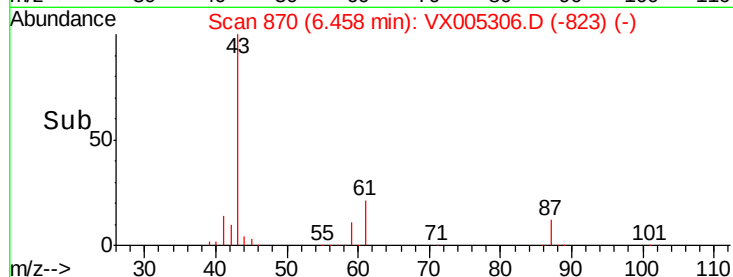
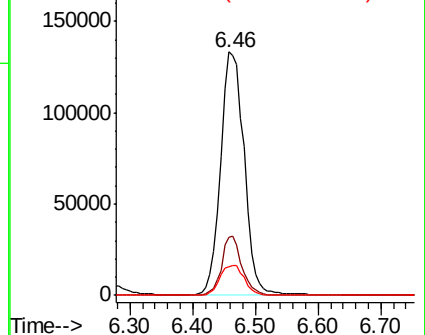
87 12.9 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.184 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005306.D

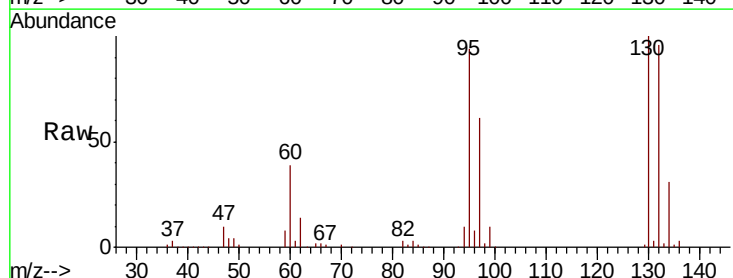
Acq: 12 Oct 2018 21:24

Tgt Ion:130 Resp: 134181

Ion Ratio Lower Upper

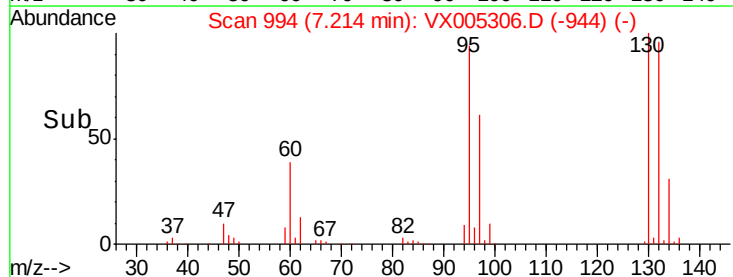
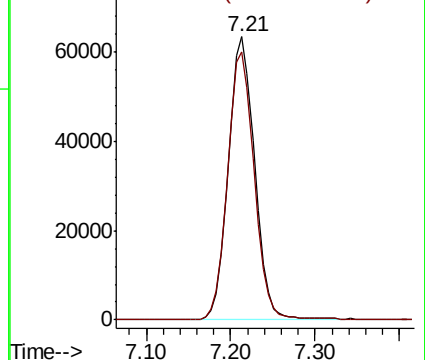
130 100

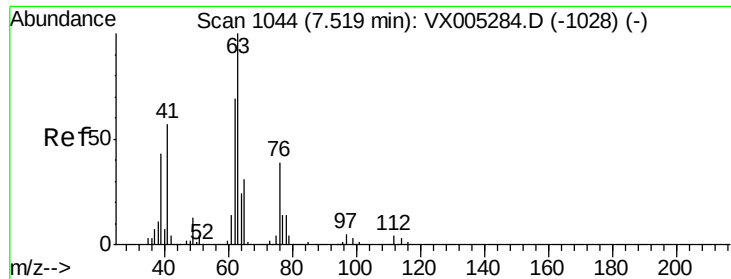
95 94.5 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

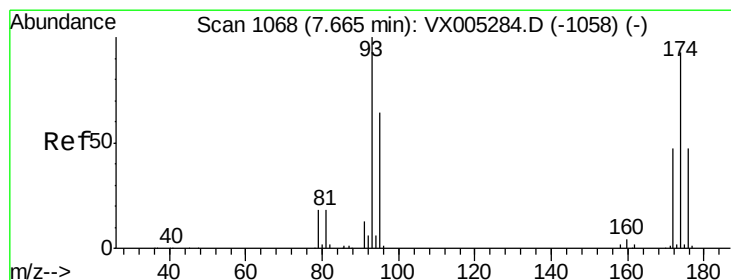
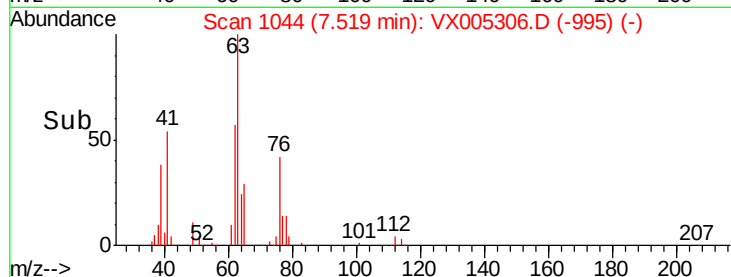
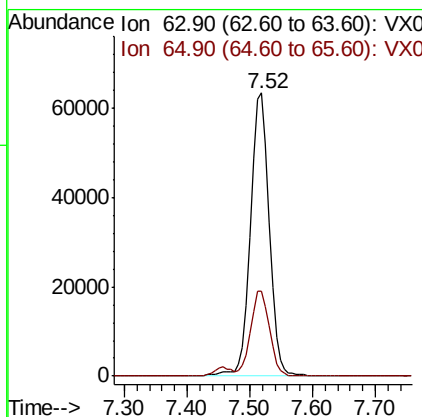
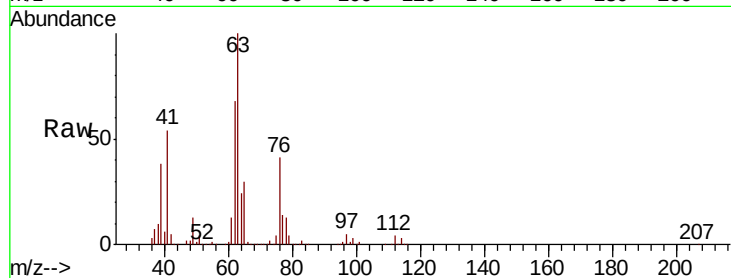




#45
 1,2-Dichloropropane
 Concen: 50.300 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

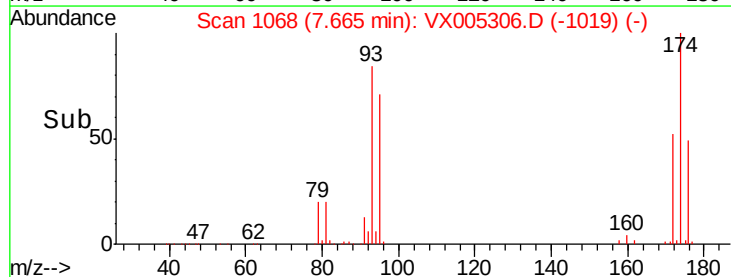
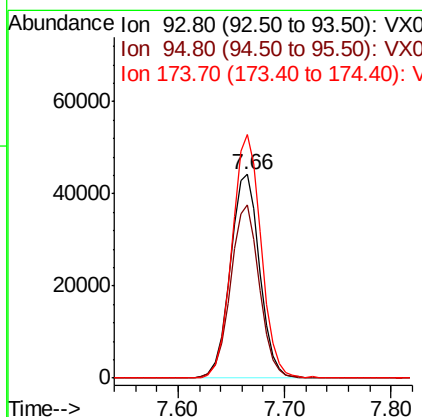
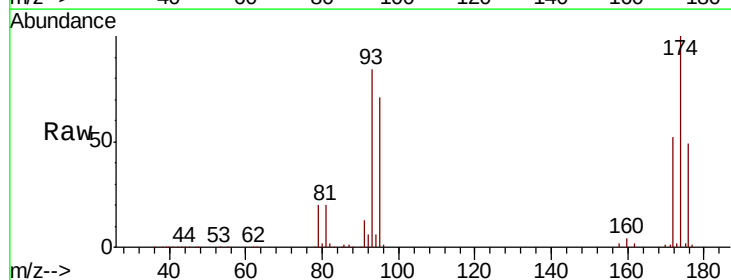
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

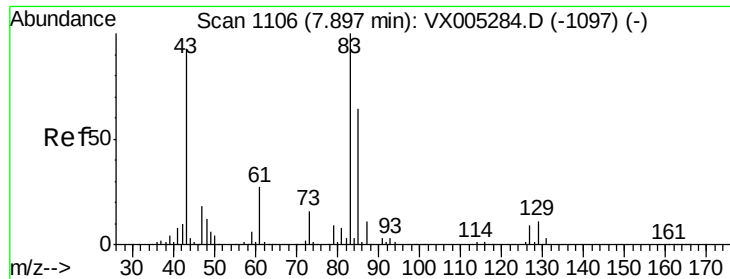
Tot Ion: 63 Resp: 131806
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.3 36.5



#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

ClientSampleId :

VSTDCCC050

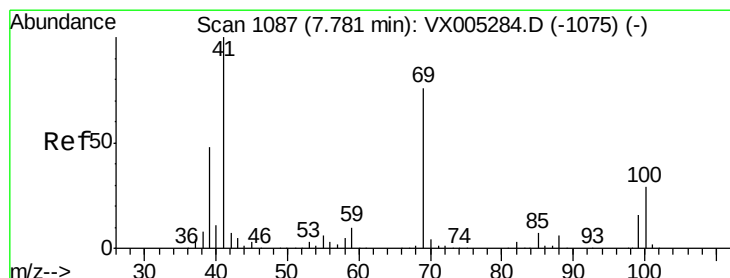
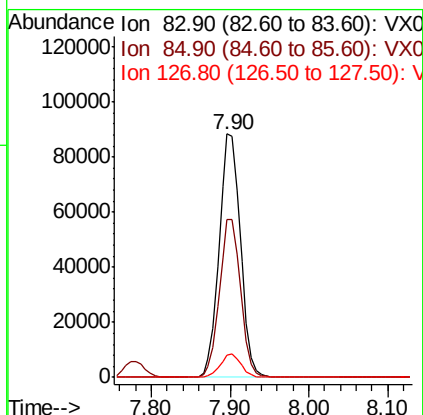
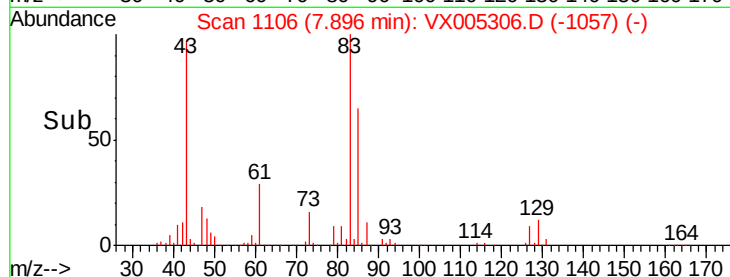
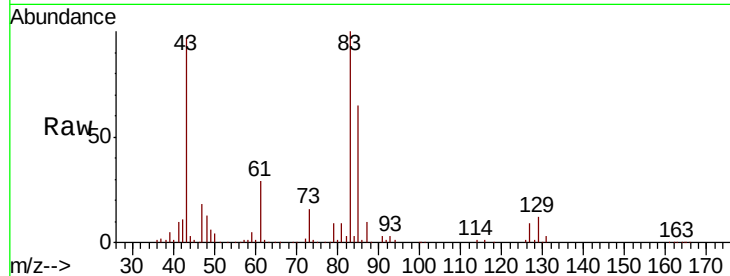
Tot Ion: 83 Resp: 166014

Ion Ratio Lower Upper

83 100

85 64.8 50.9 76.3

127 9.1 7.3 10.9



#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

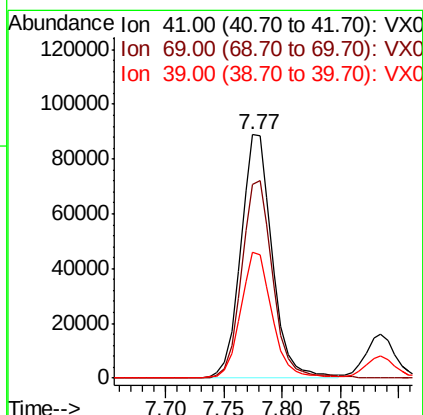
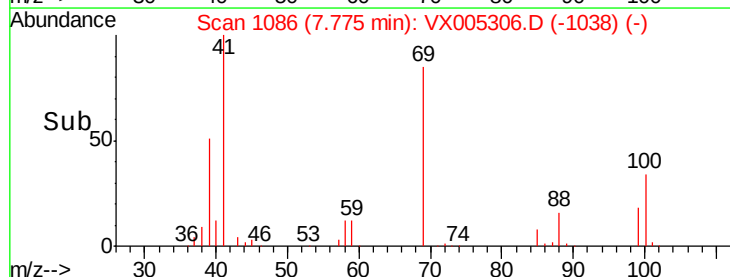
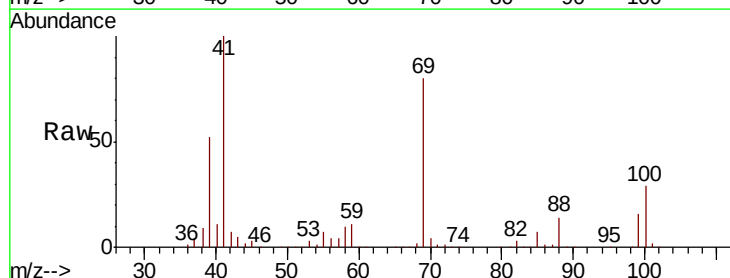
Tgt Ion: 41 Resp: 166219

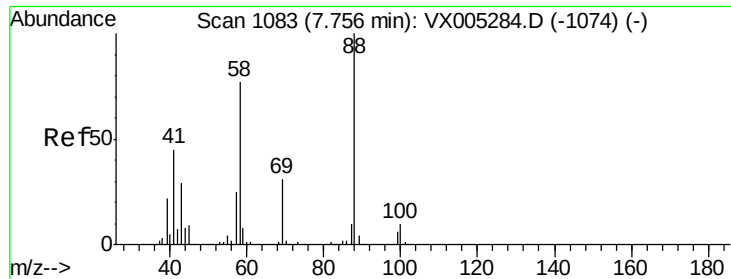
Ion Ratio Lower Upper

41 100

69 81.3 70.2 105.4

39 51.6 42.7 64.1





#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 :

VSTDCCC050

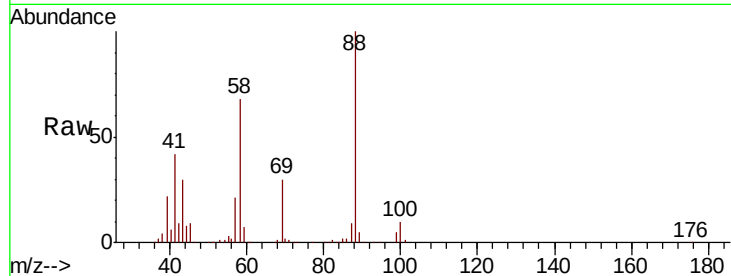
Tot Ion: 88 Resp: 75954

Ion Ratio Lower Upper

88 100

43 32.3 24.7 37.1

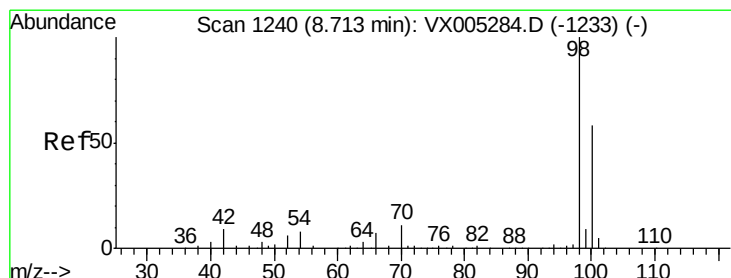
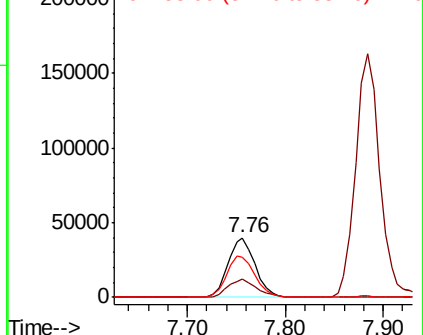
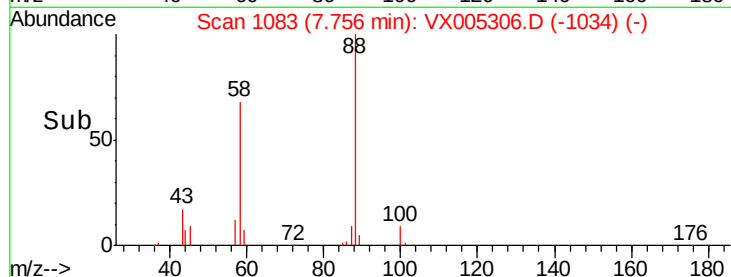
58 73.4 55.3 82.9



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

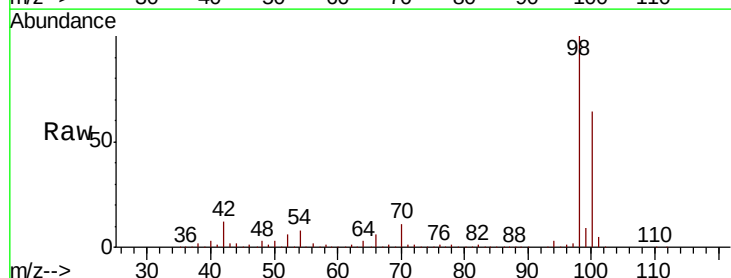
Acq: 12 Oct 2018 21:24

Tgt Ion: 98 Resp: 444157

Ion Ratio Lower Upper

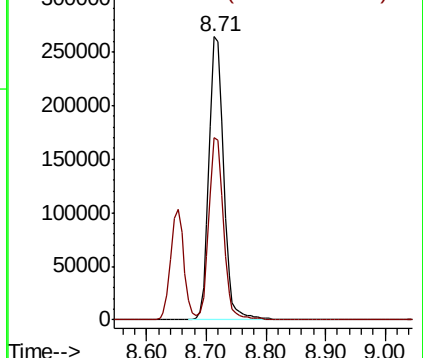
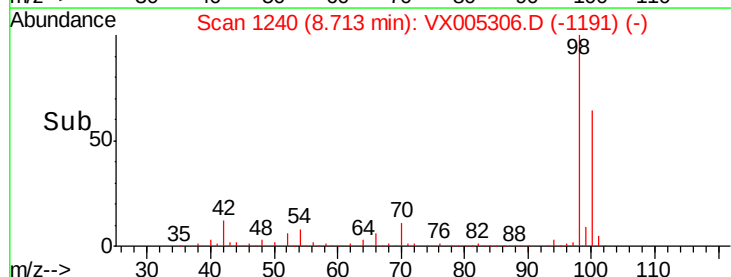
98 100

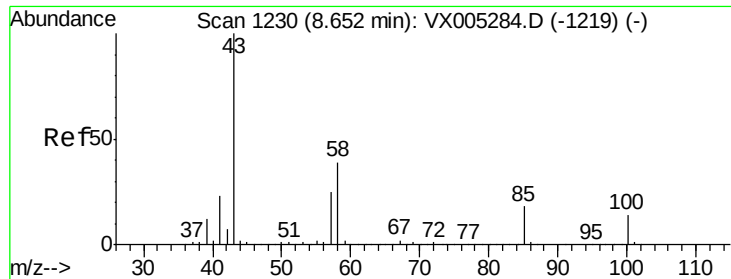
100 64.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

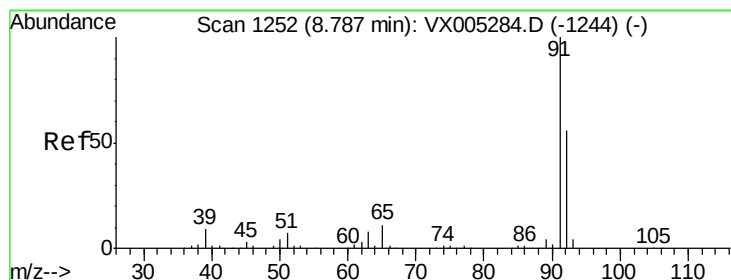
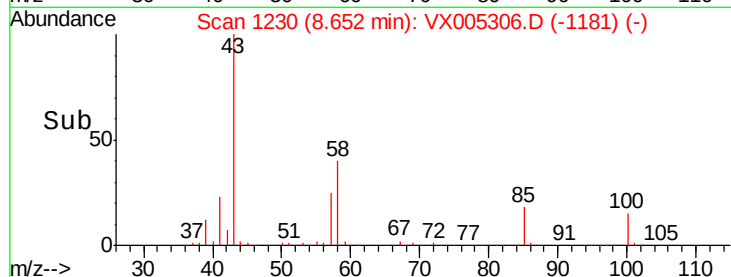
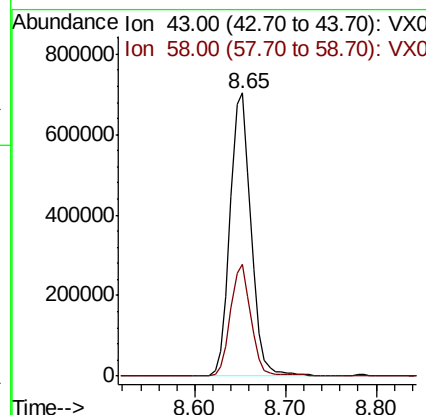
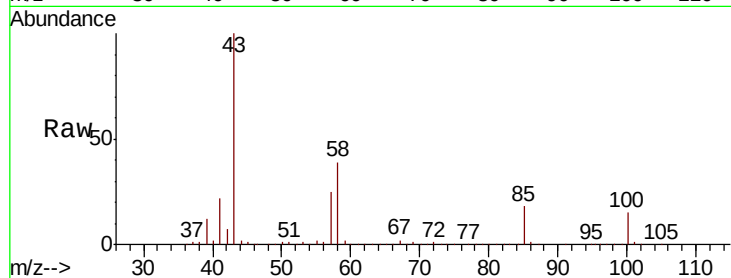




#51
4-Methyl-2-Pentanone
Concen: 268.086 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

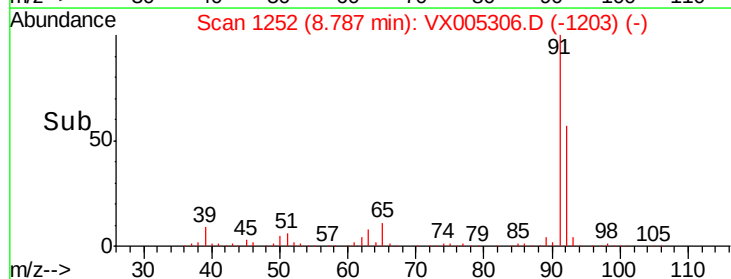
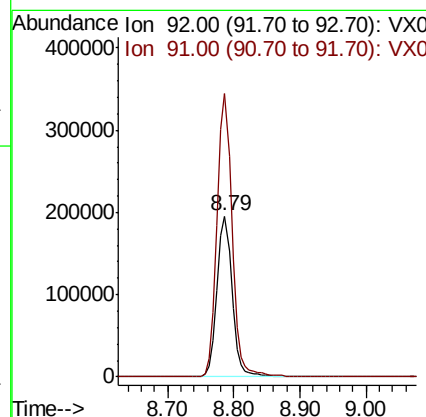
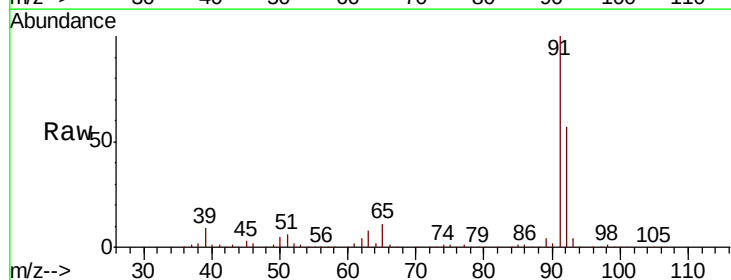
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

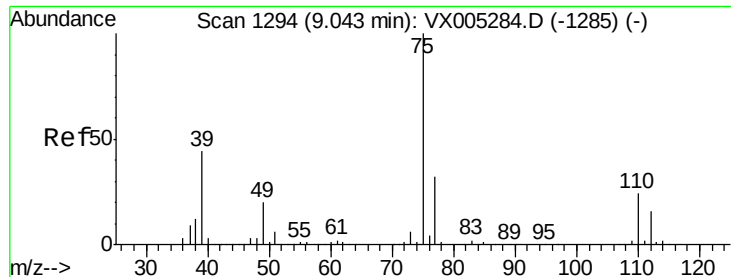
Tot Ion: 43 Resp: 1132417
Ion Ratio Lower Upper
43 100
58 38.9 33.1 49.7



#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

ClientSampleId :

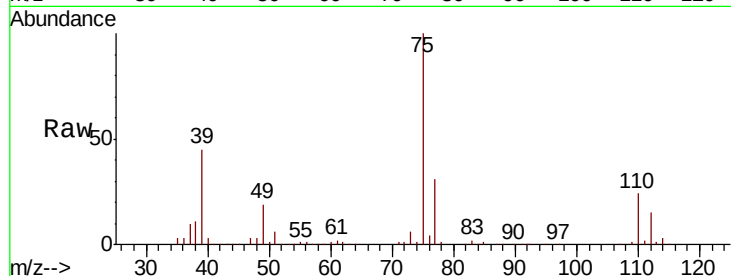
VSTDCCC050

Tot Ion: 75 Resp: 183280

Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

150000

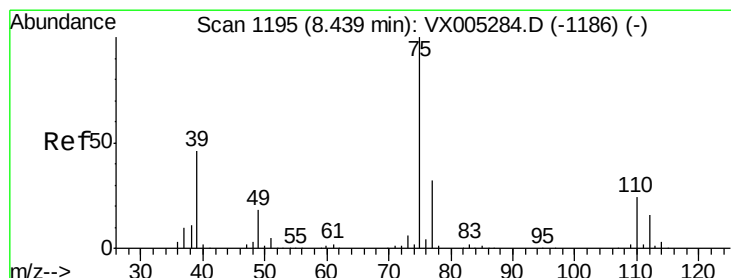
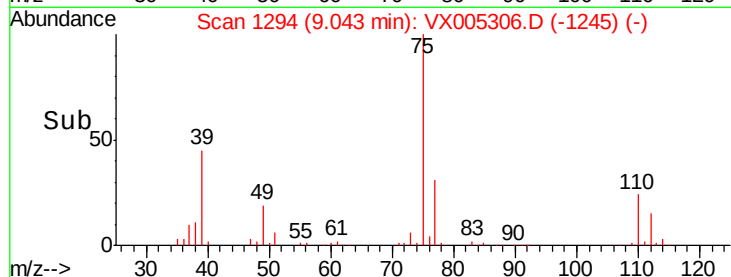
100000

50000

0

9.00 9.10 9.20

Time-->



#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

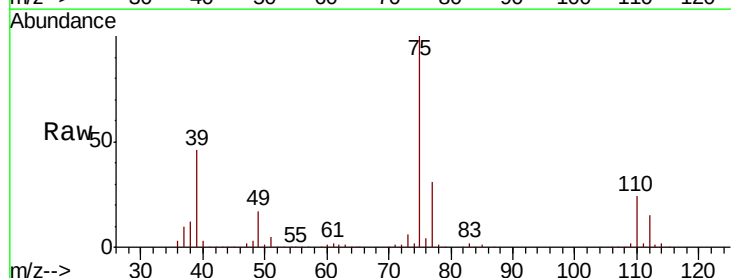
Tgt Ion: 75 Resp: 200140

Ion Ratio Lower Upper

75 100

77 31.3 26.2 39.2

39 45.4 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.44

150000

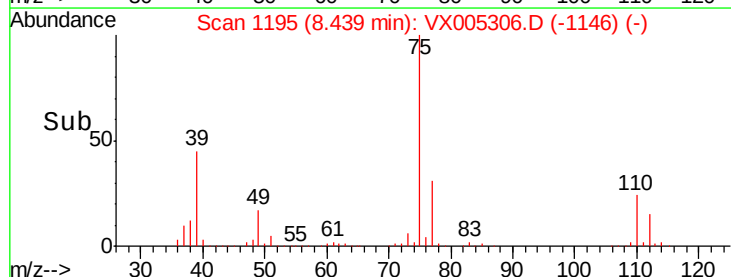
100000

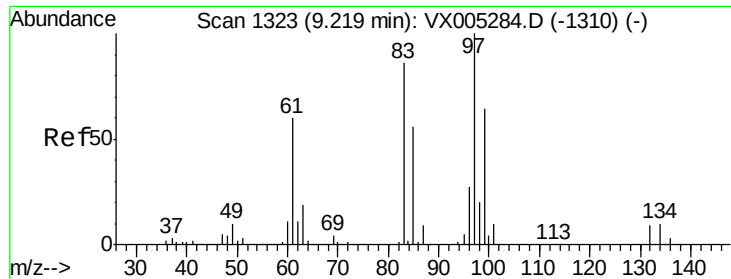
50000

0

8.40 8.50 8.60

Time-->

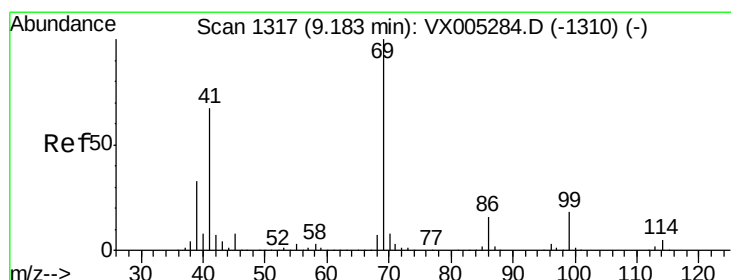
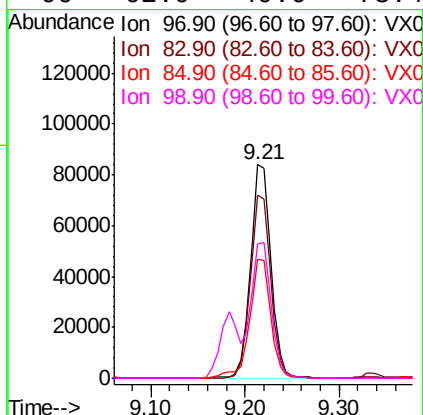
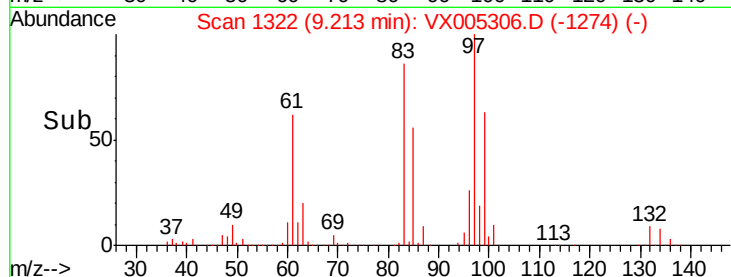
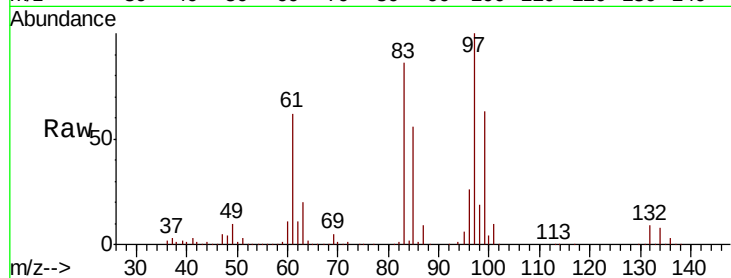




#55
 1,1,2-Trichloroethane
 Concen: 51.830 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

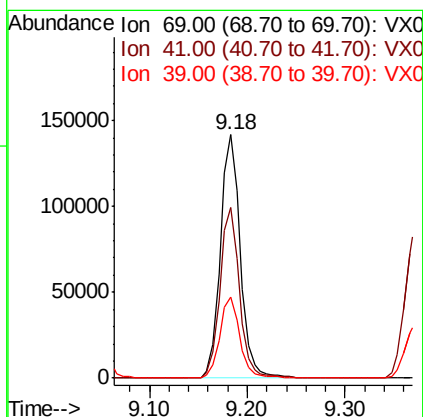
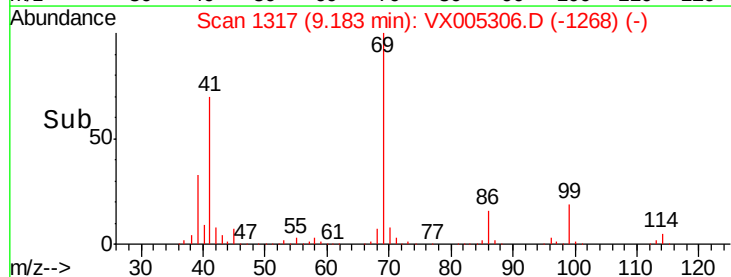
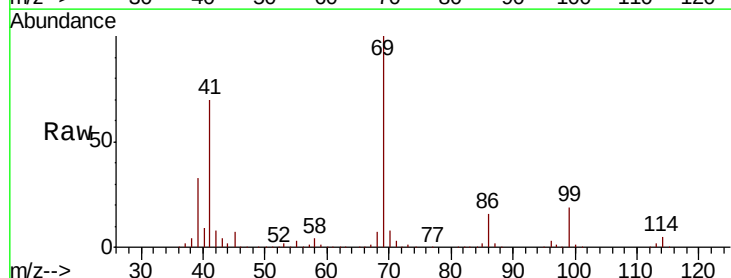
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

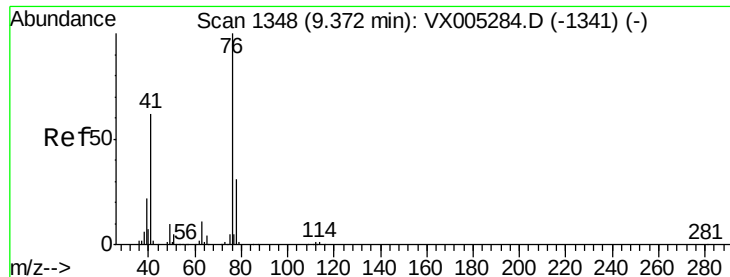
Tot Ion:	97	Resp:	128300
Ion	Ratio	Lower	Upper
97	100		
83	85.9	66.4	99.6
85	55.7	43.3	64.9
99	62.9	49.0	73.4



#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





#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 :

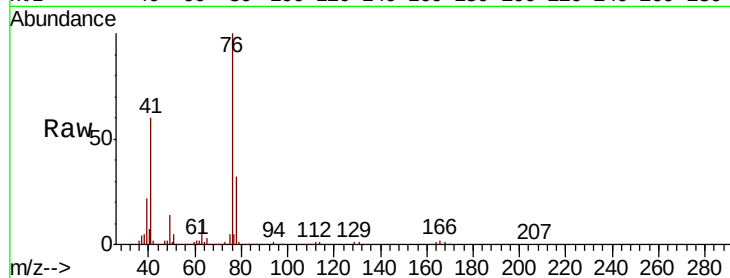
VSTDCCC050

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

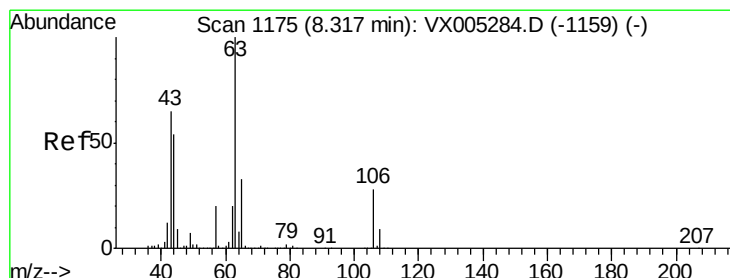
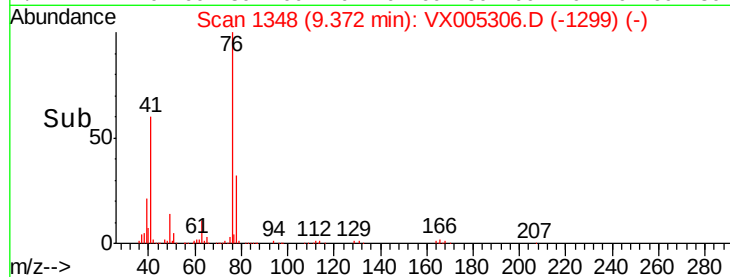
100000

50000

0

9.30 9.40 9.50

Time-->



#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

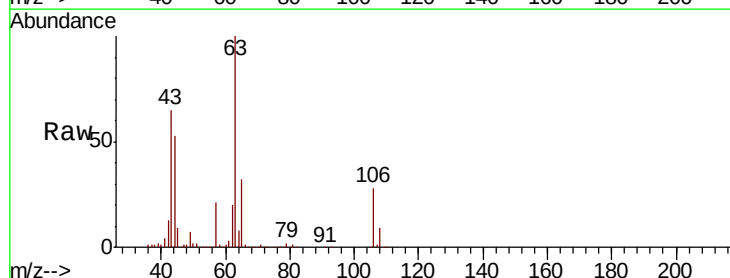
Acq: 12 Oct 2018 21:24

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

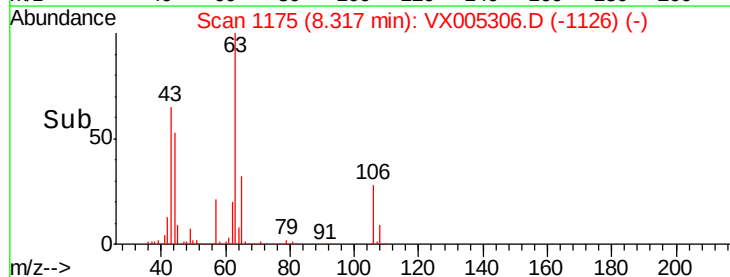
200000

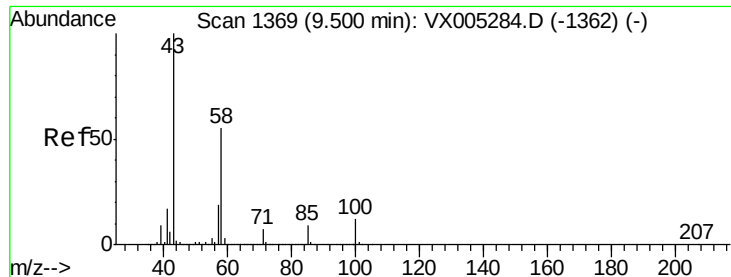
100000

0

8.20 8.30 8.40

Time-->

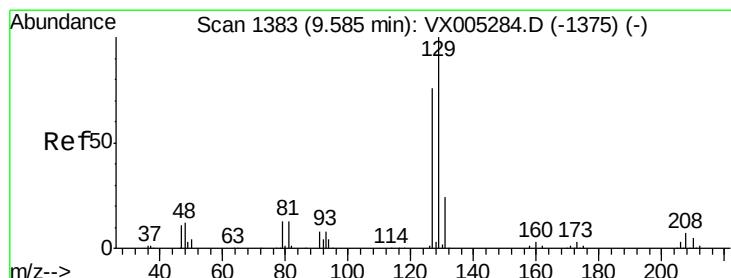
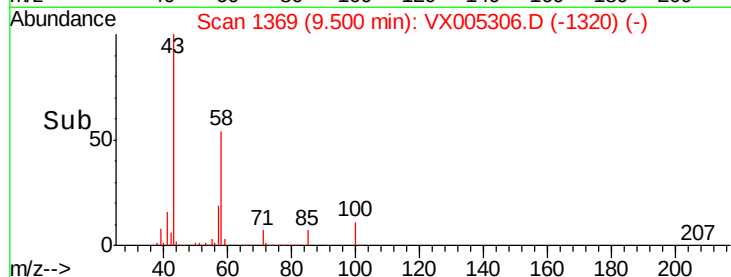
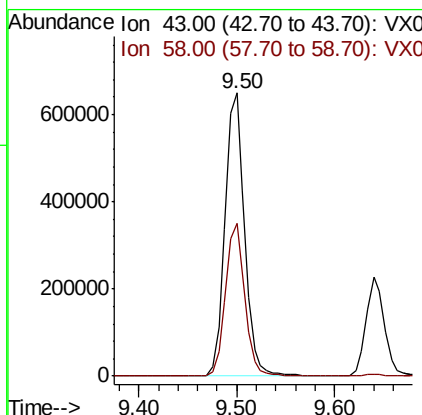
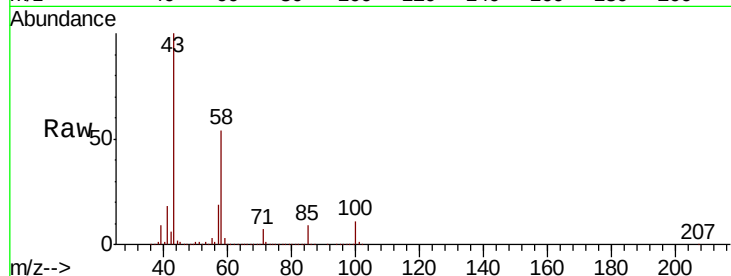




#59
2-Hexanone
Concen: 265.339 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

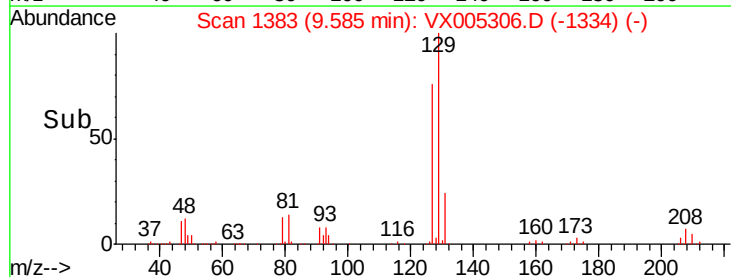
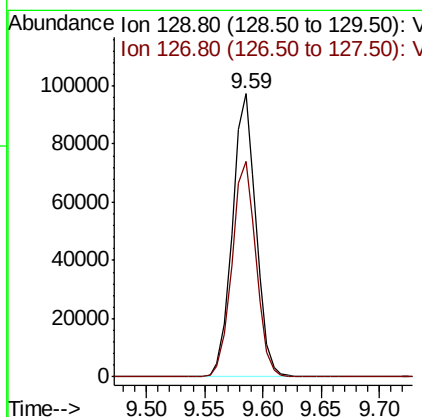
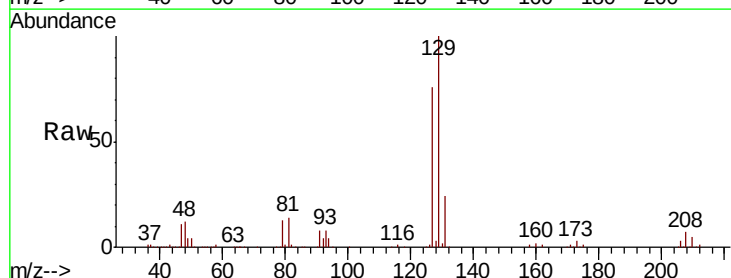
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

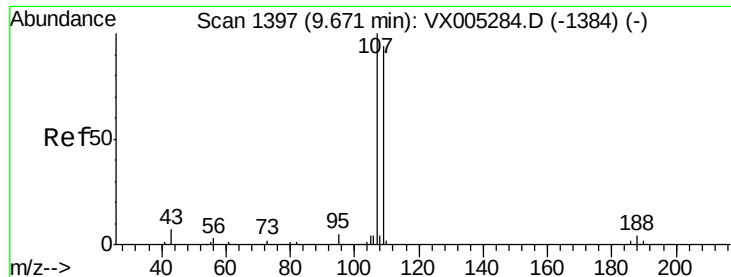
Tot Ion: 43 Resp: 901587
Ion Ratio Lower Upper
43 100
58 53.5 29.0 87.0



#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 :

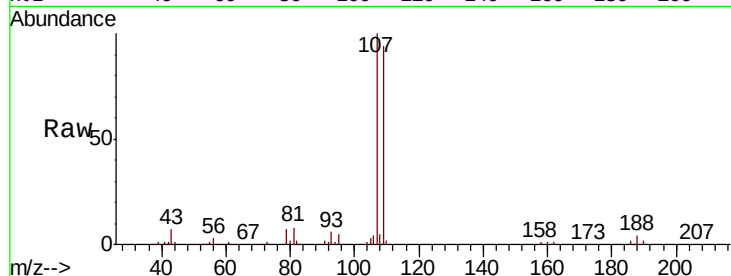
VSTDCCC050

Tot Ion:107 Resp: 135131

Ion Ratio Lower Upper

107 100

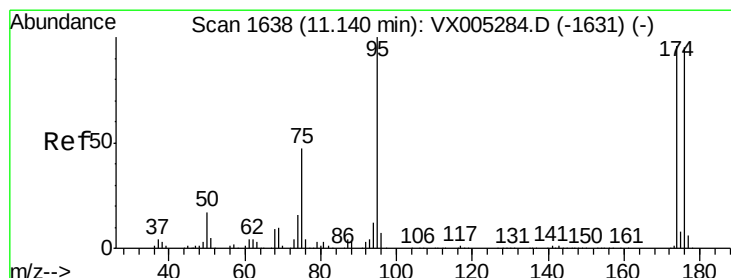
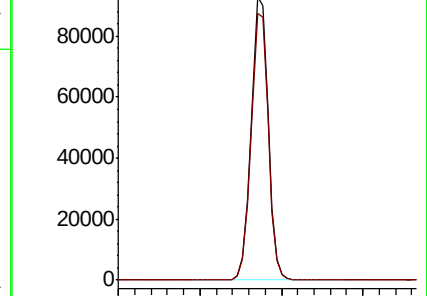
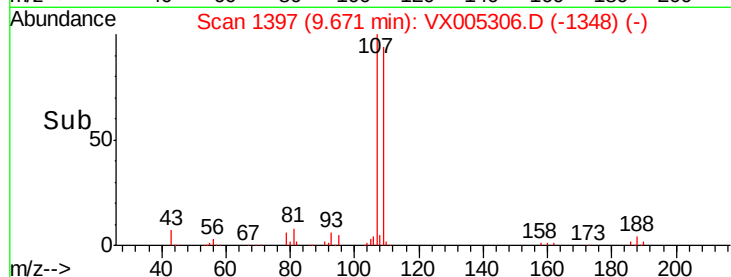
109 95.5 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67



#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

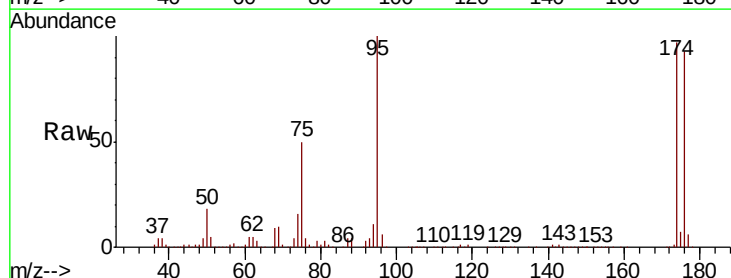
Tgt Ion: 95 Resp: 163687

Ion Ratio Lower Upper

95 100

174 94.9 0.0 185.2

176 91.6 0.0 178.6

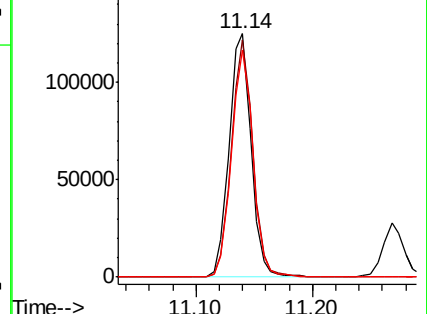
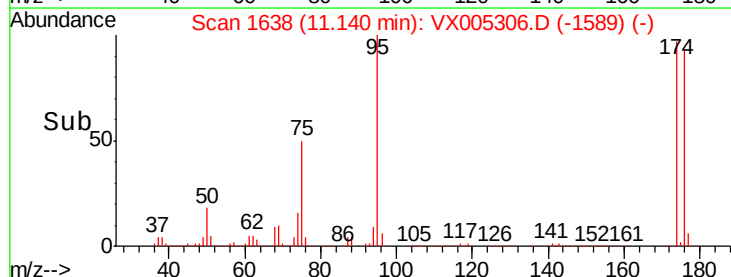


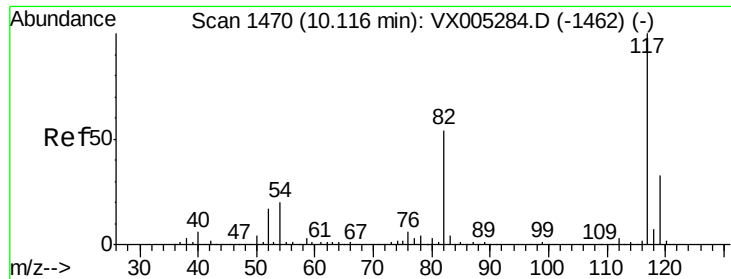
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

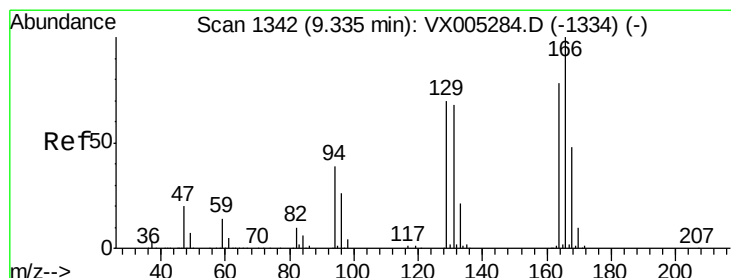
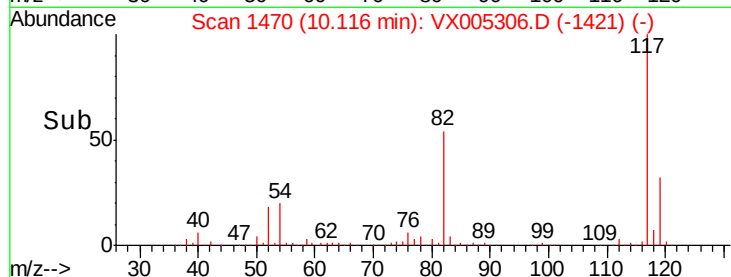
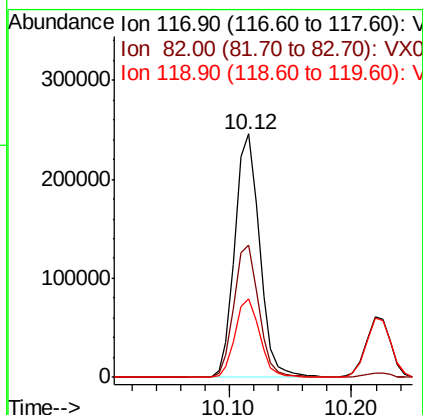
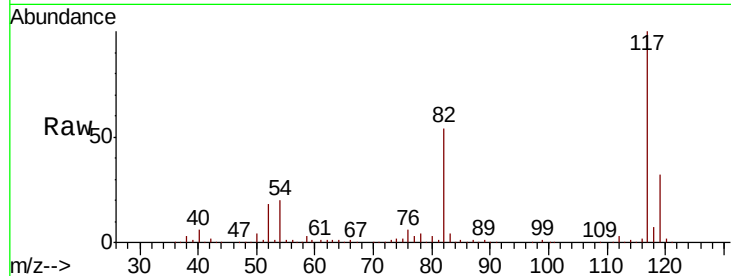




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

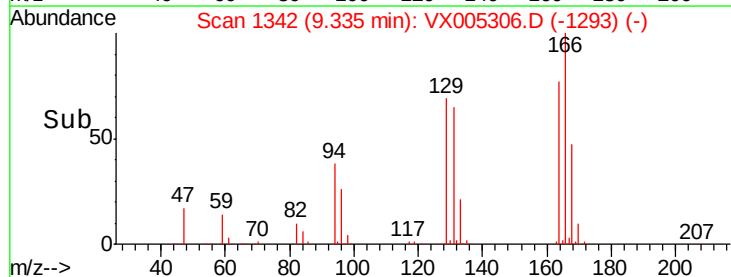
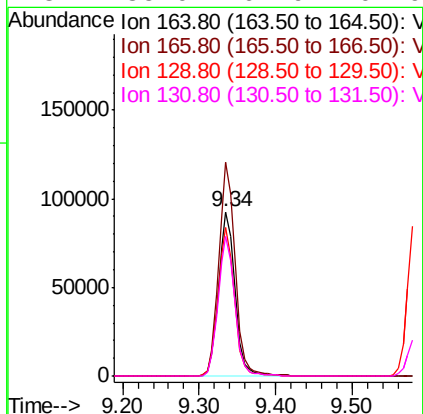
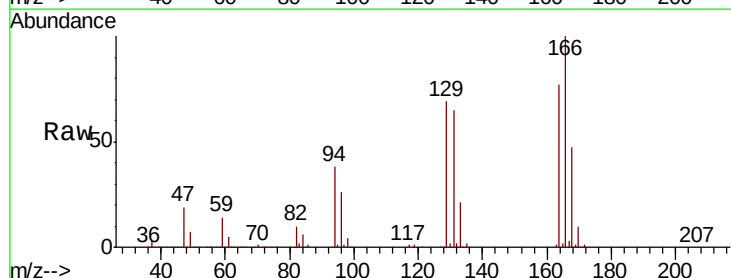
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

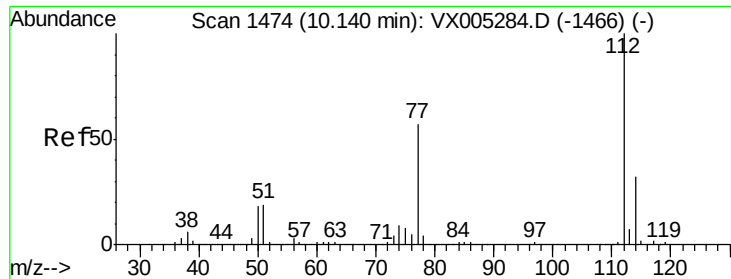
Tot Ion:117 Resp: 344610
Ion Ratio Lower Upper
117 100
82 54.3 47.8 71.6
119 32.5 29.3 43.9



#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

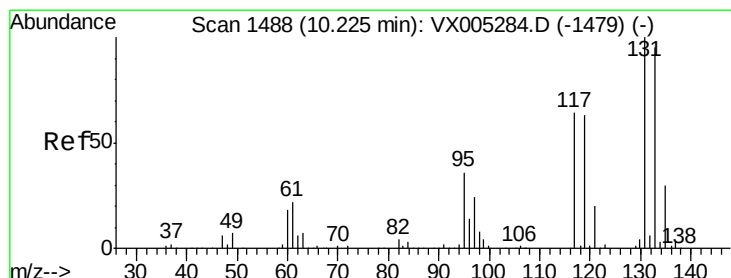
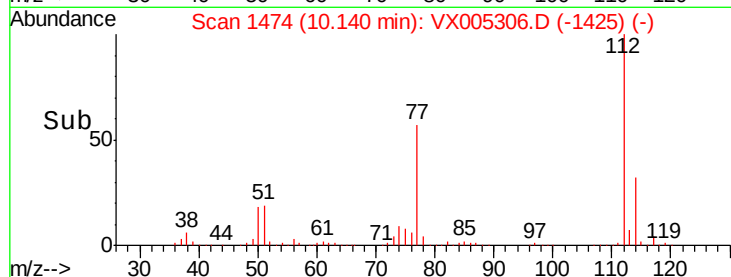
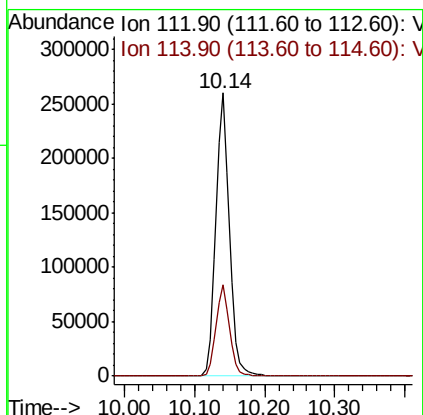
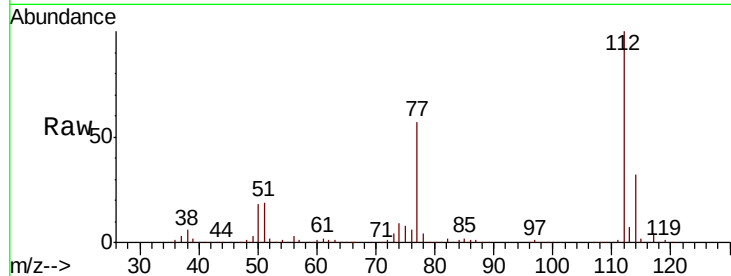




#65
Chlorobenzene
Concen: 48.014 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

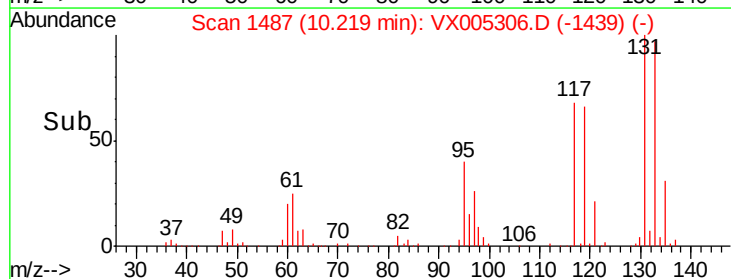
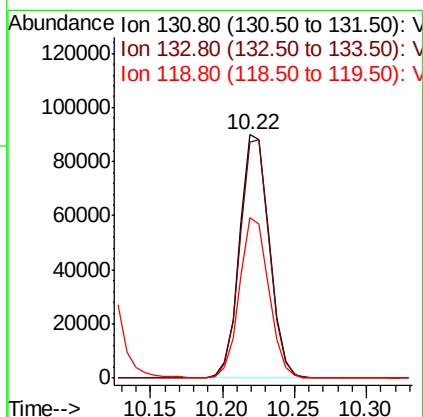
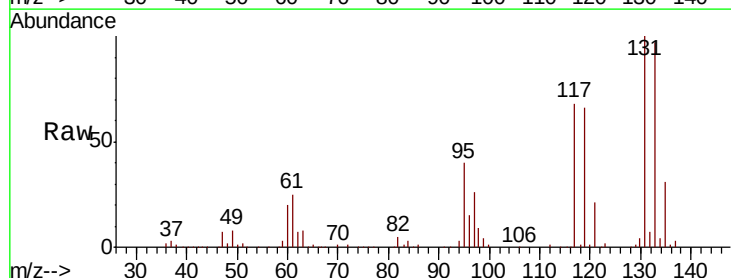
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

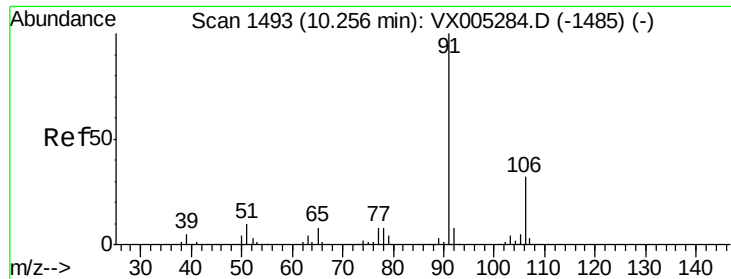
Tot Ion:112 Resp: 351958
Ion Ratio Lower Upper
112 100
114 32.1 27.8 41.8



#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

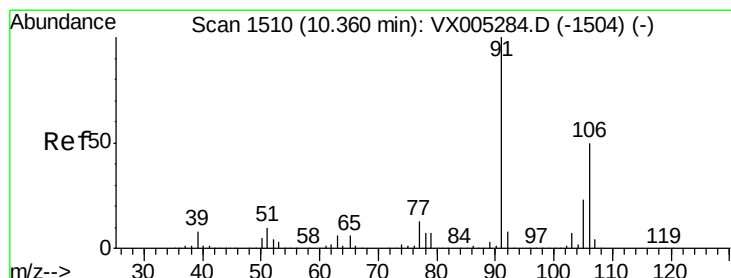
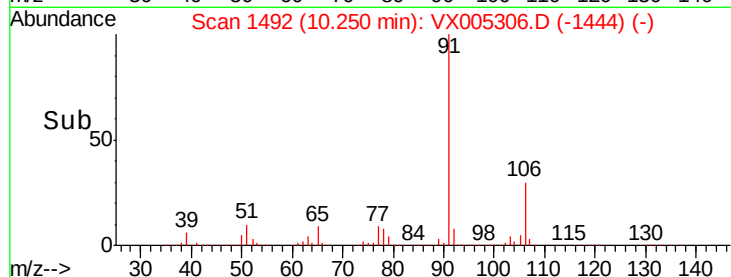
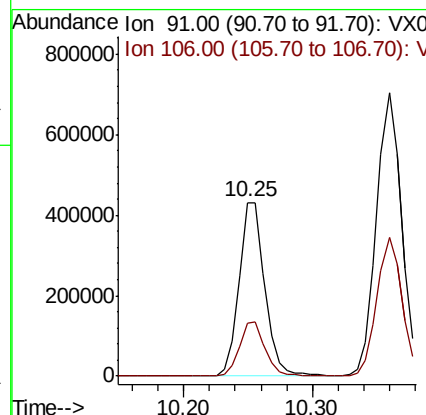
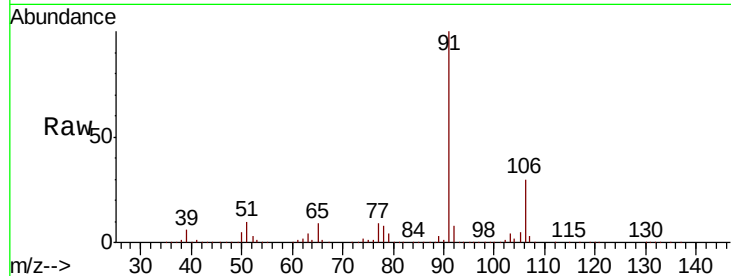




#67
Ethyl Benzene
Concen: 50.624 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

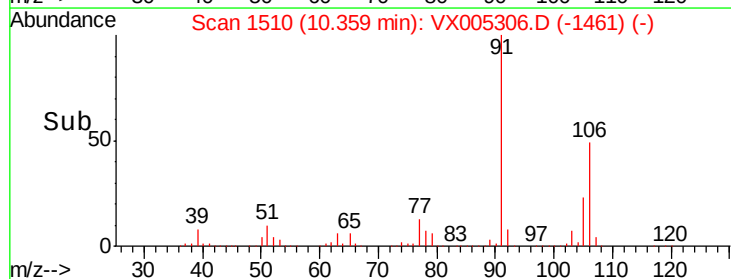
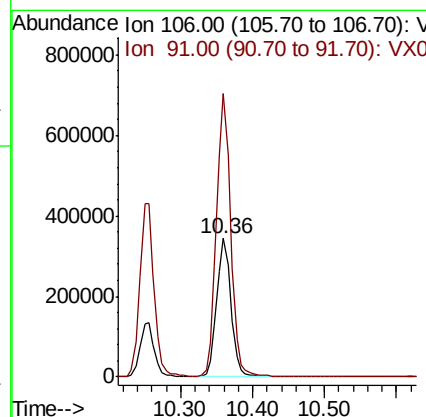
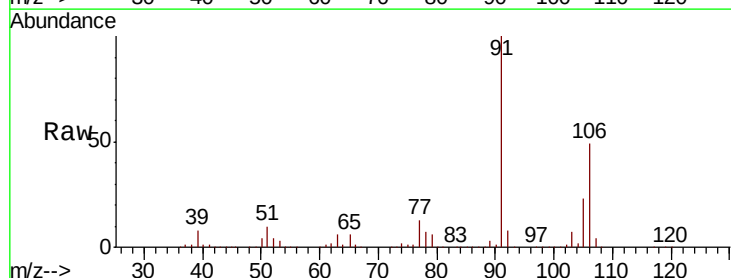
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

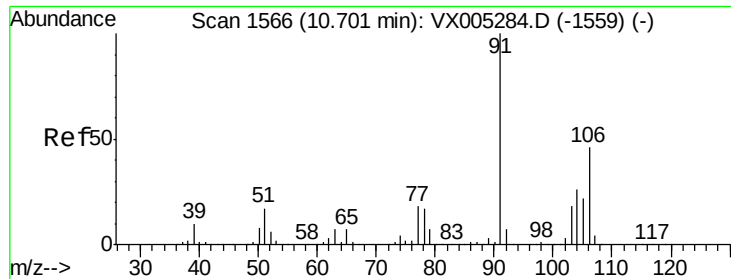
Tot Ion: 91 Resp: 603269
Ion Ratio Lower Upper
91 100
106 30.5 25.9 38.9



#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

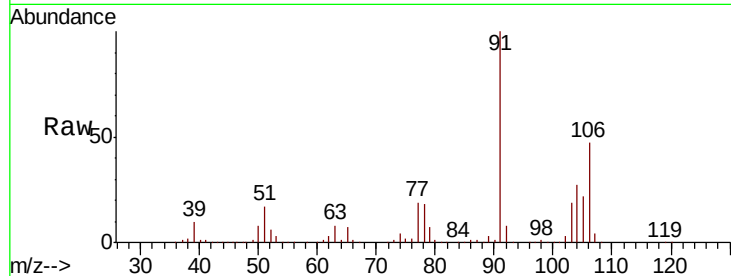




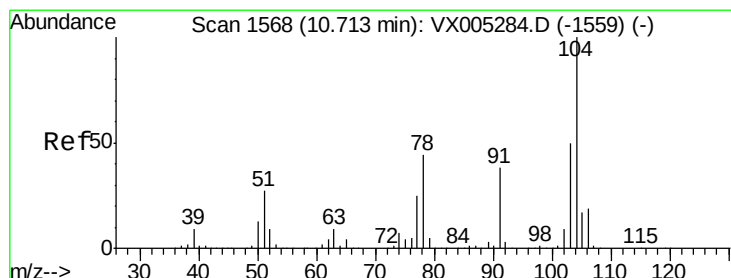
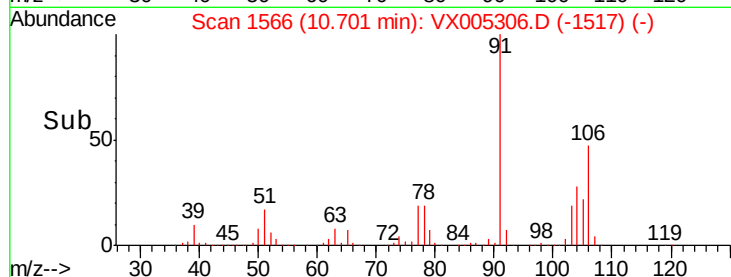
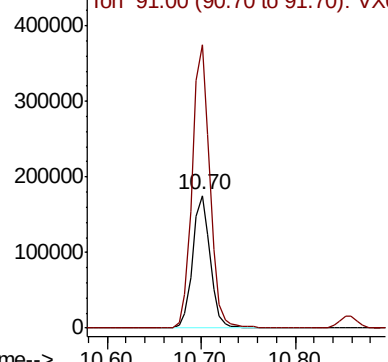
#69
o-Xylene
Concen: 50.876 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

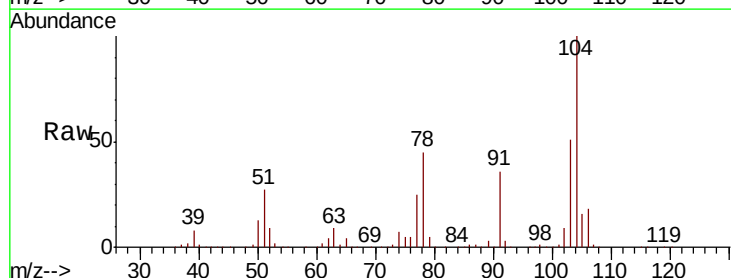


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

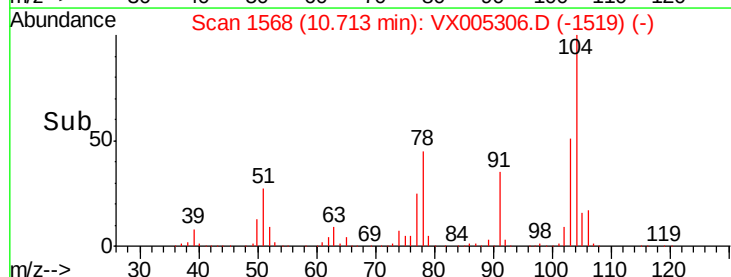
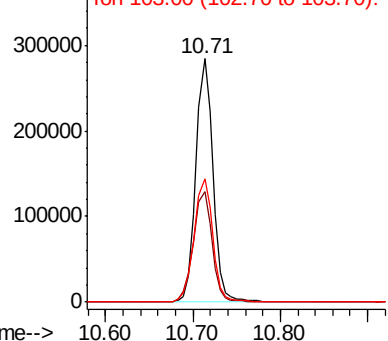


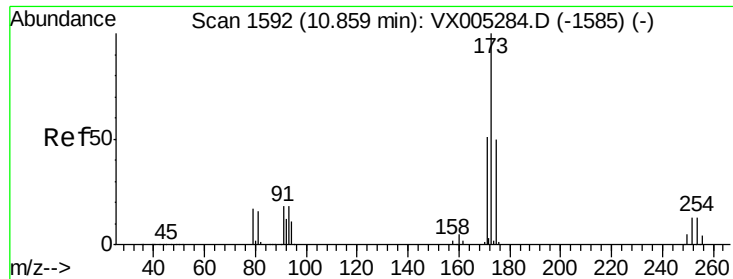
#70
Styrene
Concen: 52.360 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

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



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#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

ClientSampleId :

VSTDCCC050

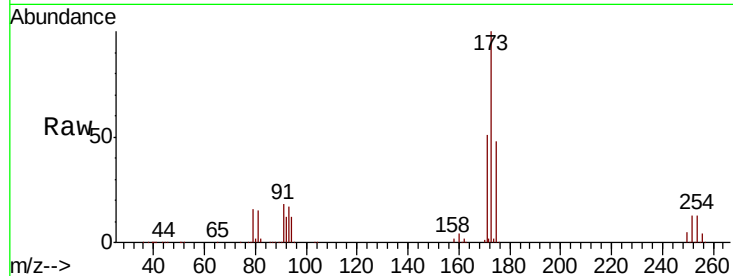
Tot Ion:173 Resp: 116462

Ion Ratio Lower Upper

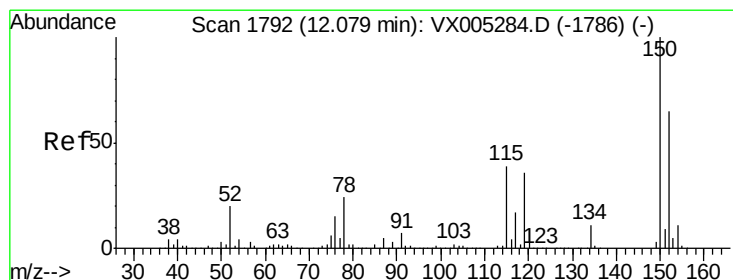
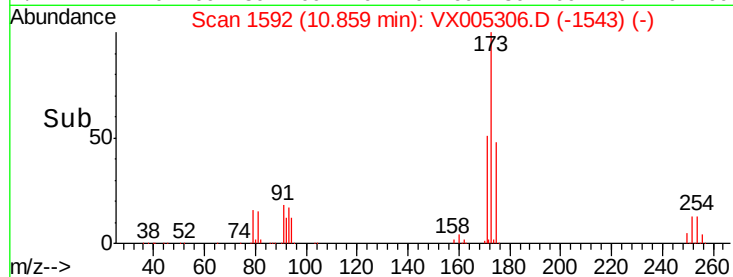
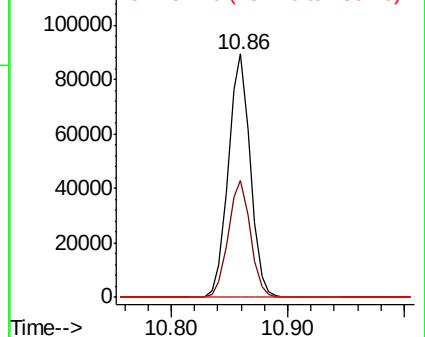
173 100

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

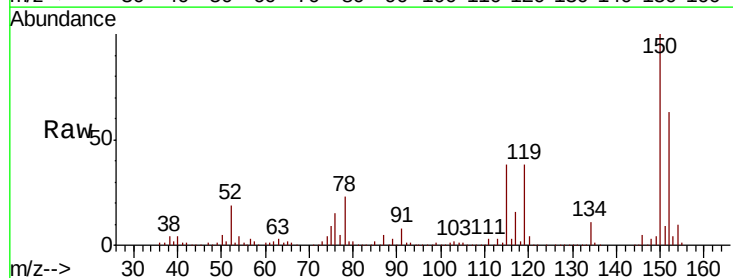
Tgt Ion:152 Resp: 197929

Ion Ratio Lower Upper

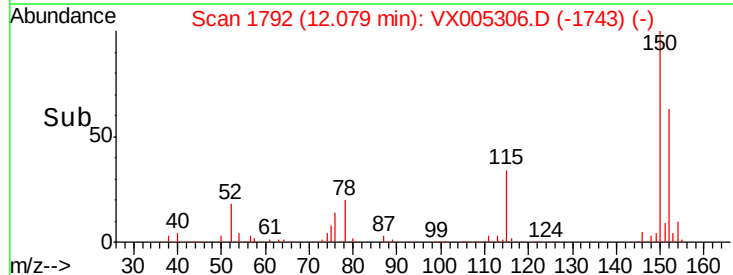
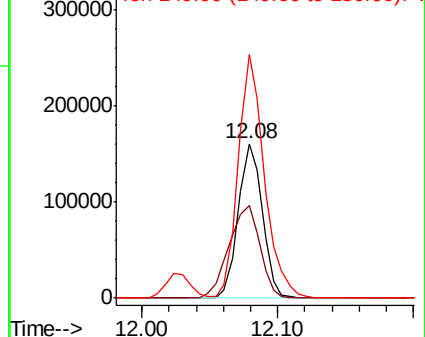
152 100

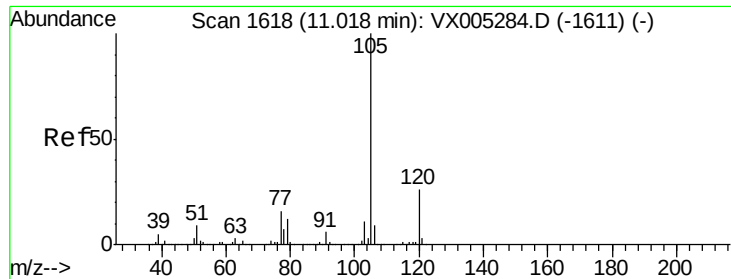
115 76.9 39.0 117.0

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

ClientSampleId :

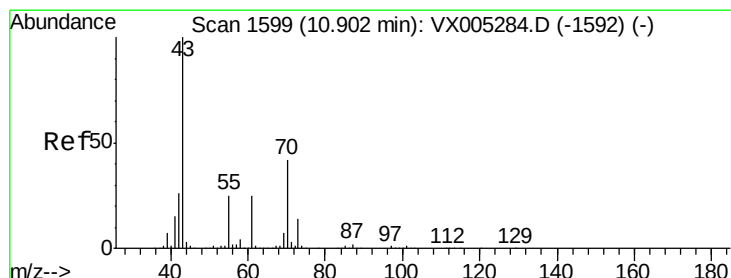
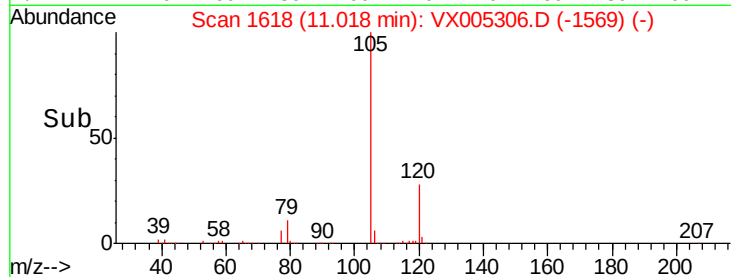
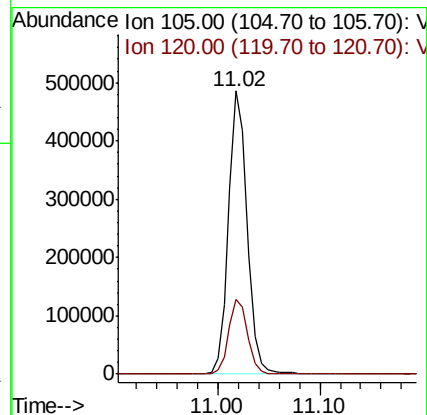
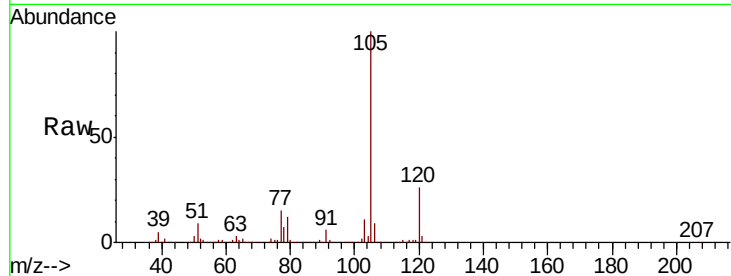
VSTDCCC050

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

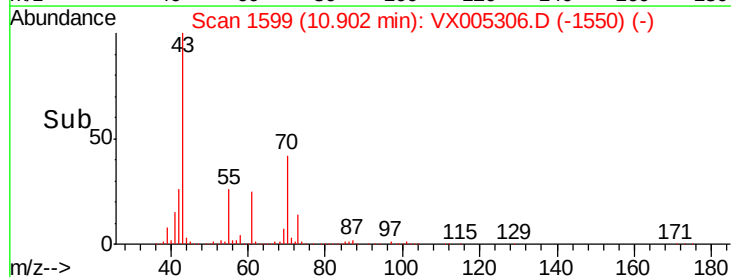
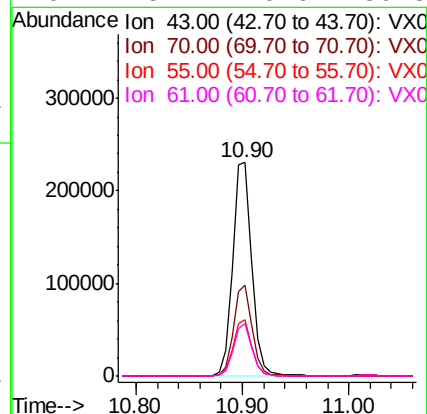
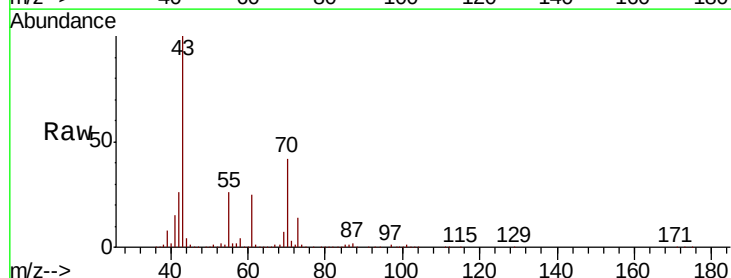
Ion Ratio Lower Upper

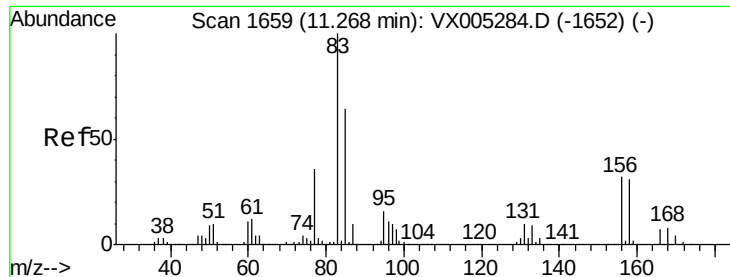
43 100

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 :

VSTDCCC050

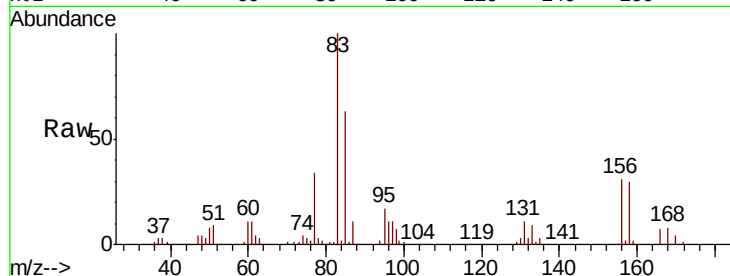
Tot Ion: 83 Resp: 214180

Ion Ratio Lower Upper

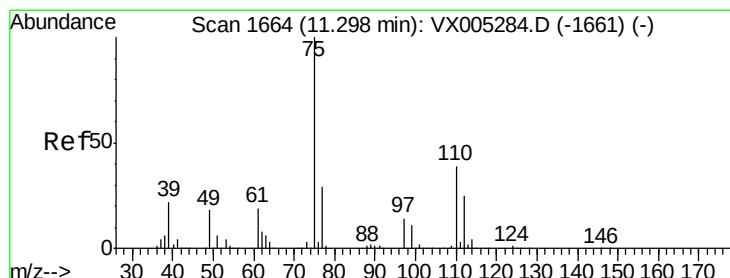
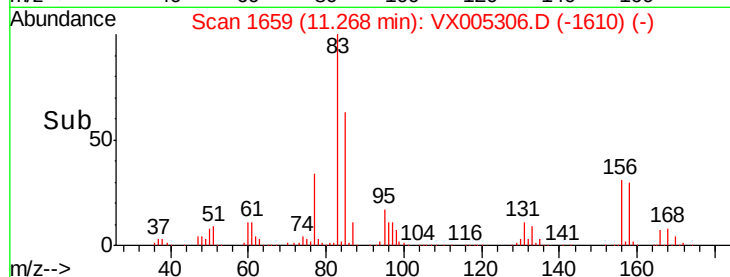
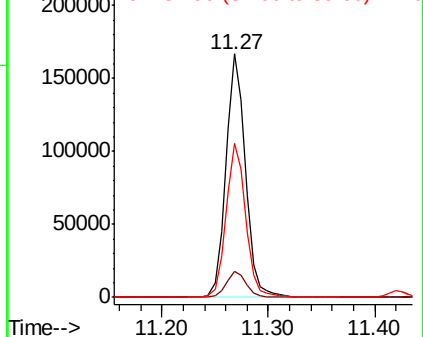
83 100

131 10.8 5.2 15.6

85 63.8 32.3 96.8



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



#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

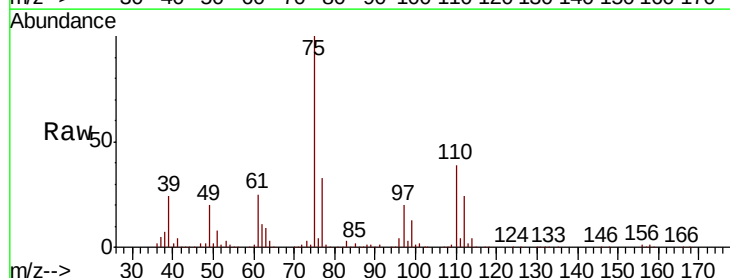
Acq: 12 Oct 2018 21:24

Tgt Ion: 75 Resp: 251489

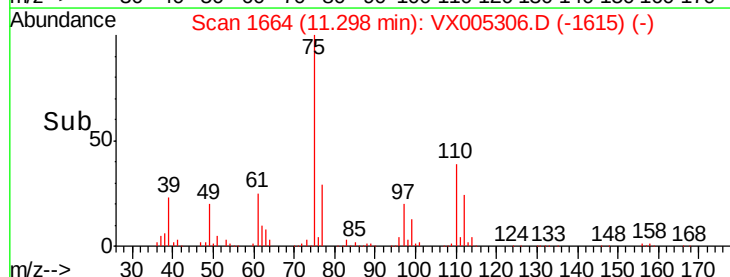
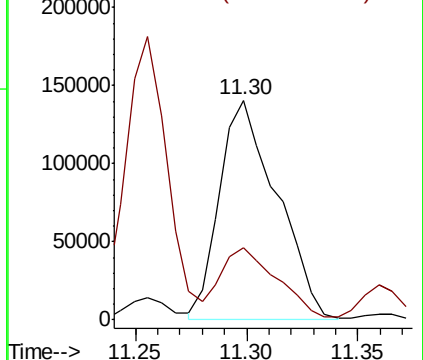
Ion Ratio Lower Upper

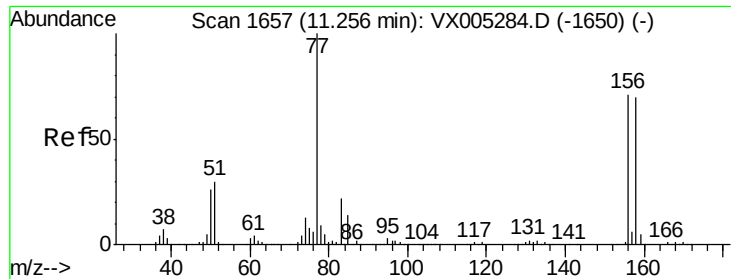
75 100

77 32.5 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#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 :

VSTDCCC050

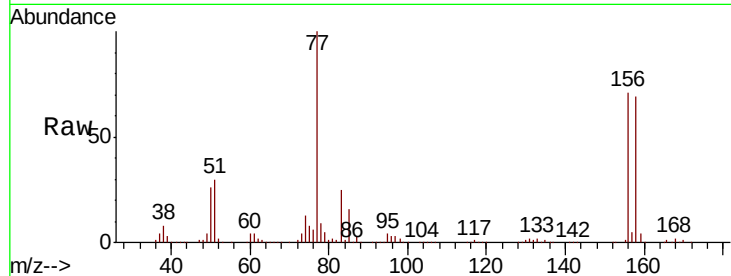
Tot Ion:156 Resp: 167939

Ion Ratio Lower Upper

156 100

77 142.1 71.5 214.3

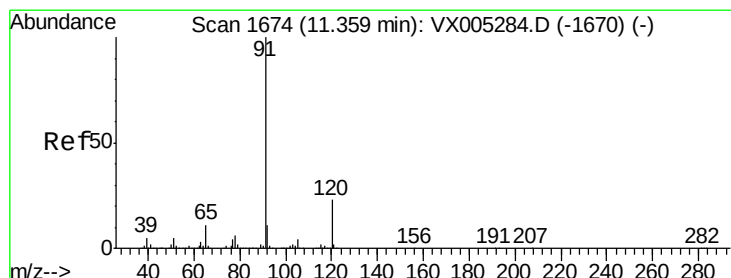
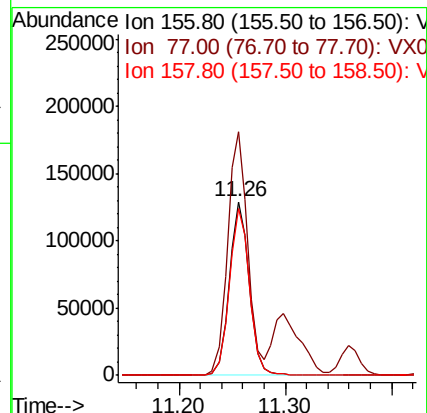
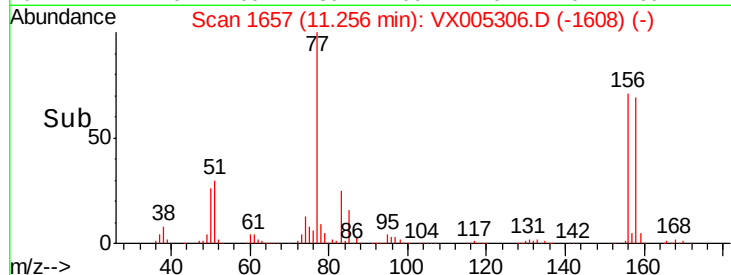
158 97.5 48.9 146.8



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

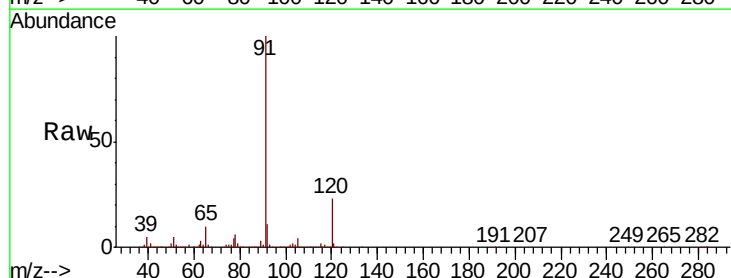
Acq: 12 Oct 2018 21:24

Tgt Ion: 91 Resp: 703959

Ion Ratio Lower Upper

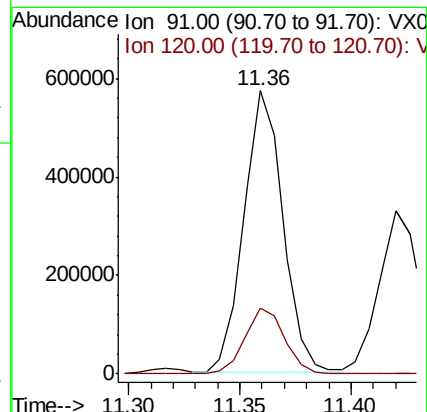
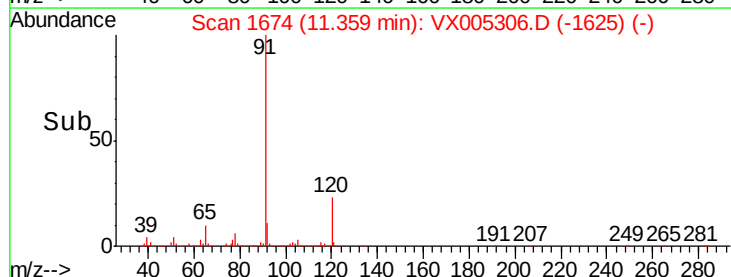
91 100

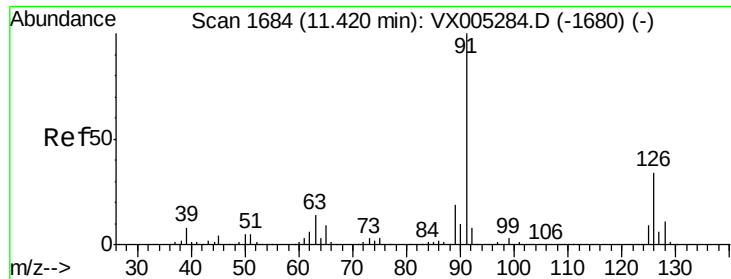
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

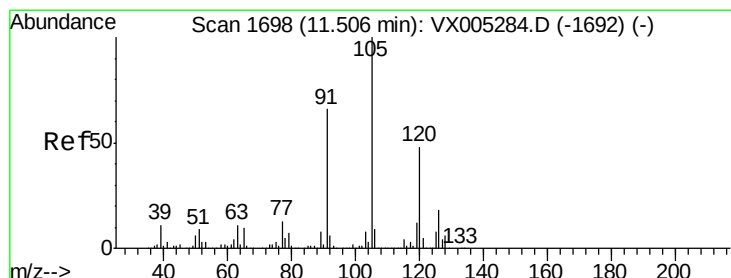
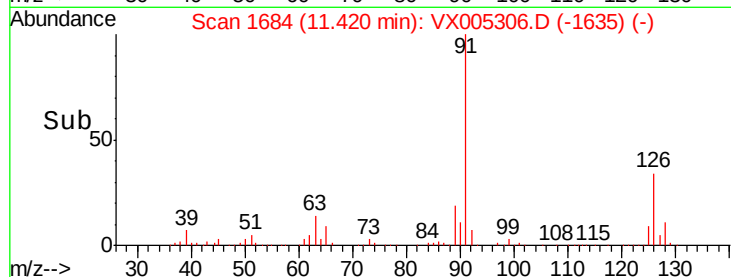
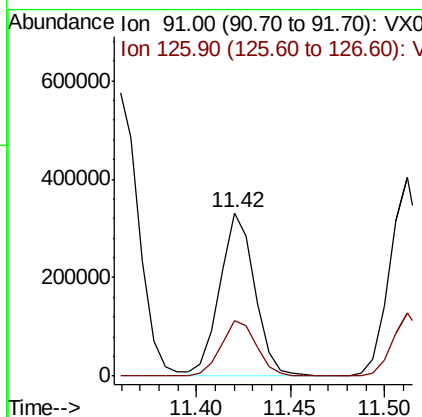
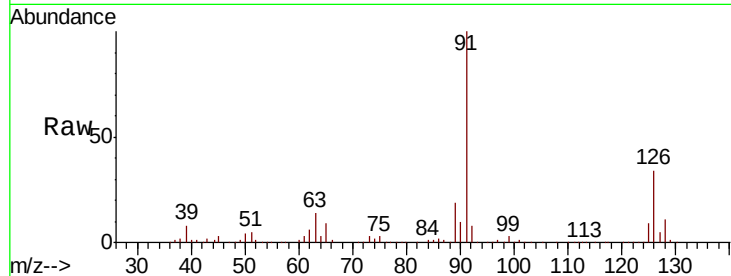




#79
 2-Chlorotoluene
 Concen: 50.767 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

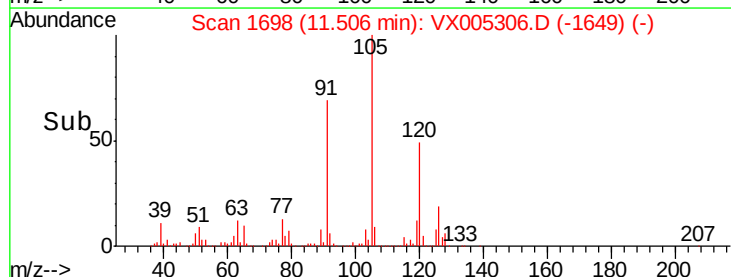
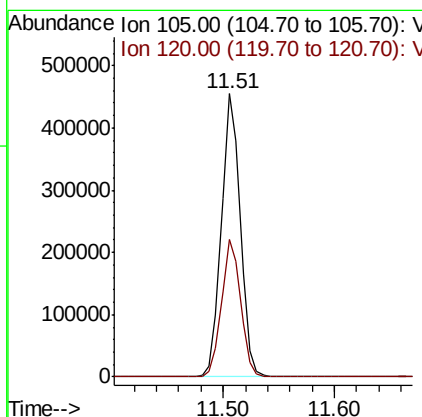
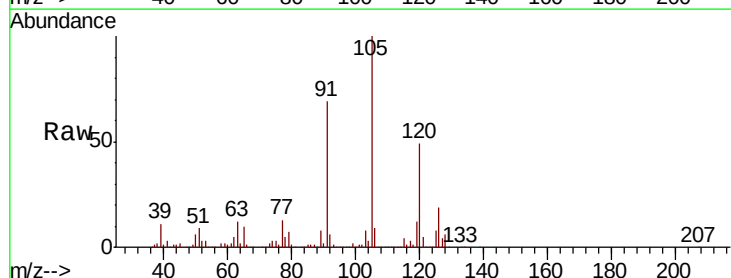
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

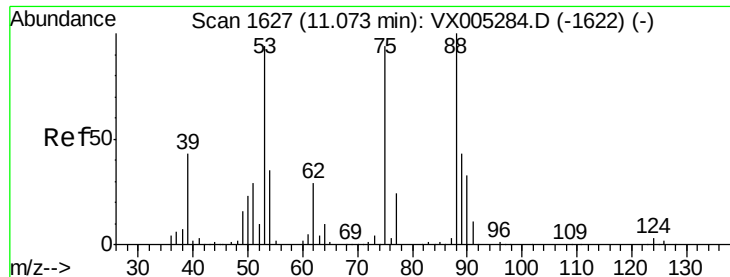
Tot Ion: 91 Resp: 420977
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.9 53.7



#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 :

VSTDCCC050

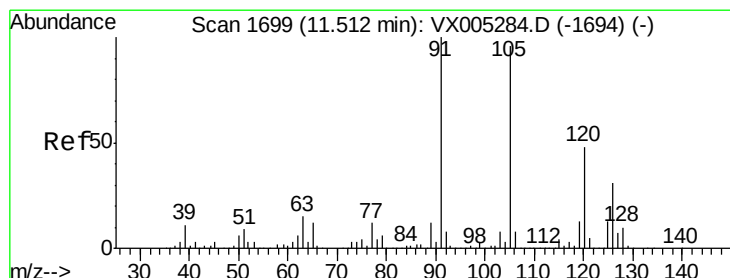
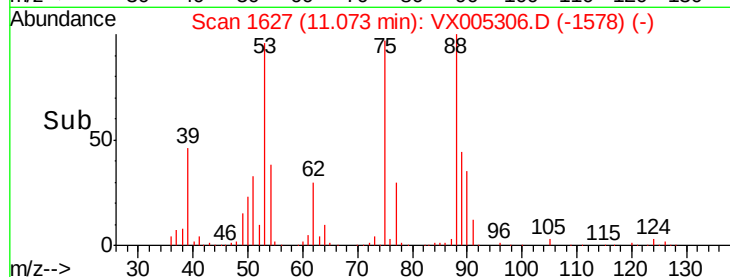
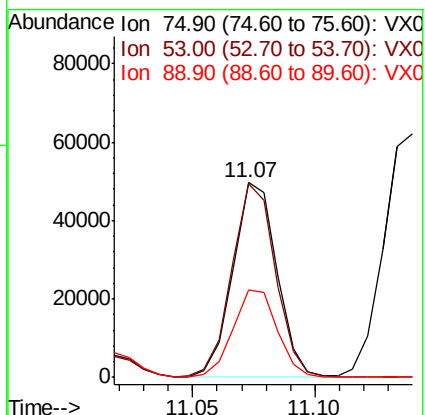
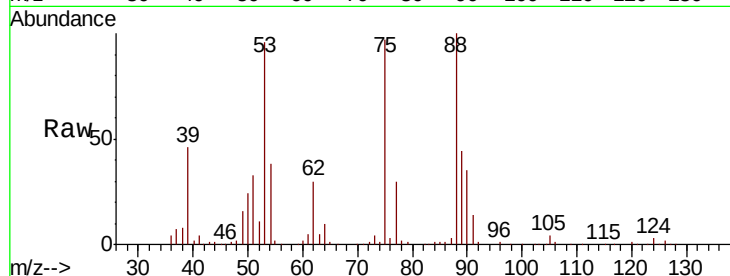
Tot Ion: 75 Resp: 61446

Ion Ratio Lower Upper

75 100

53 99.5 80.1 120.1

89 46.2 37.2 55.8



#82

4-Chlorotoluene

Concen: 51.076 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005306.D

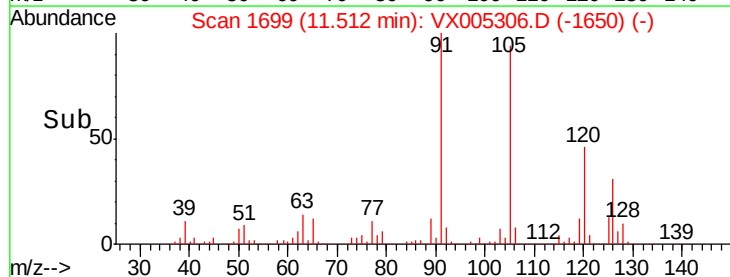
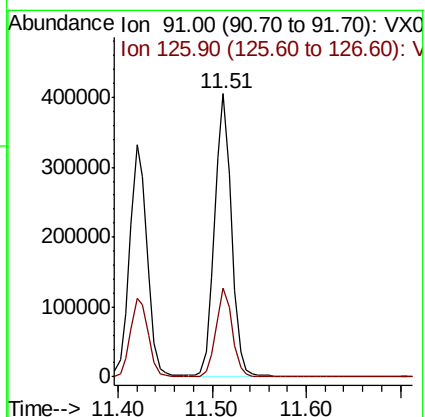
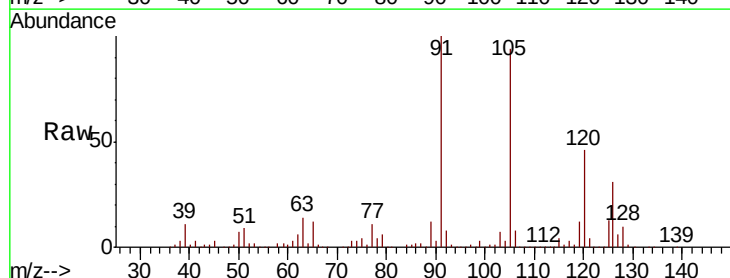
Acq: 12 Oct 2018 21:24

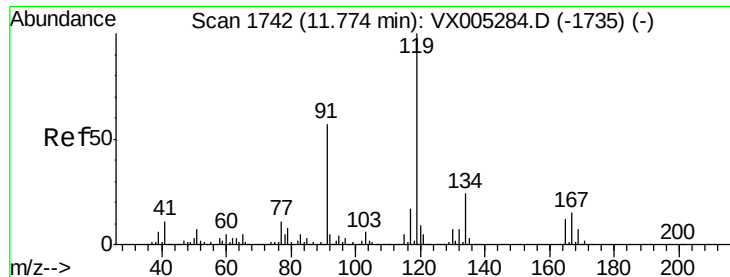
Tgt Ion: 91 Resp: 502070

Ion Ratio Lower Upper

91 100

126 30.7 15.5 46.5

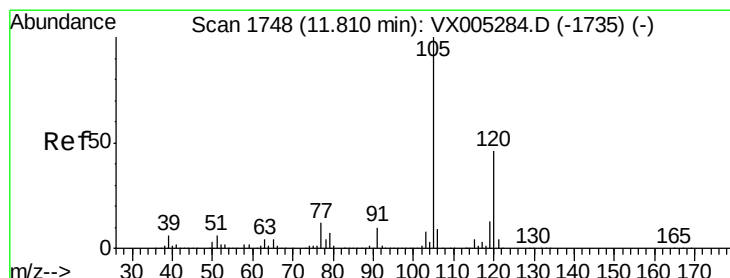
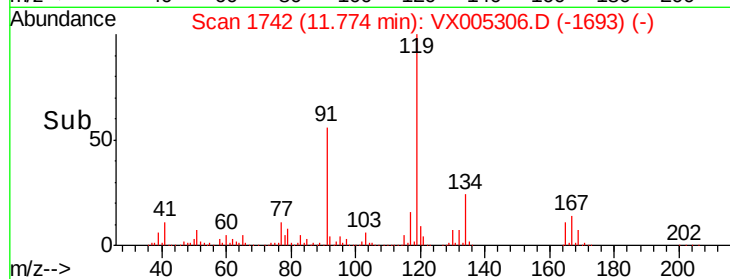
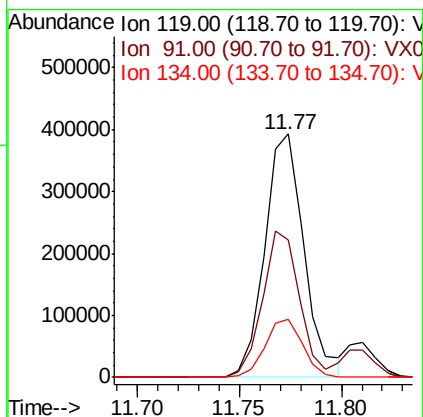
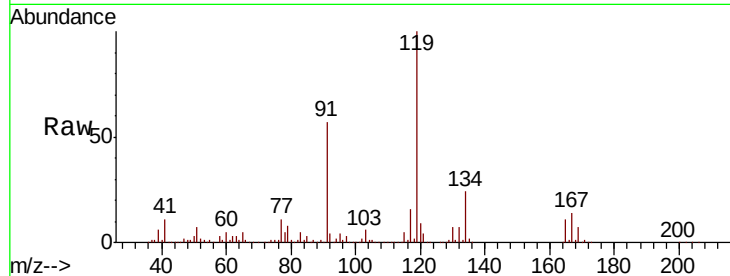




#83
 tert-Butylbenzene
 Concen: 51.758 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

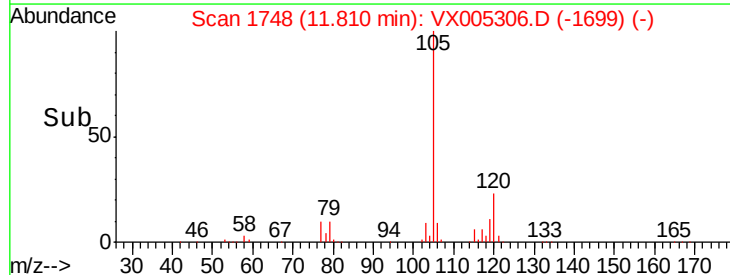
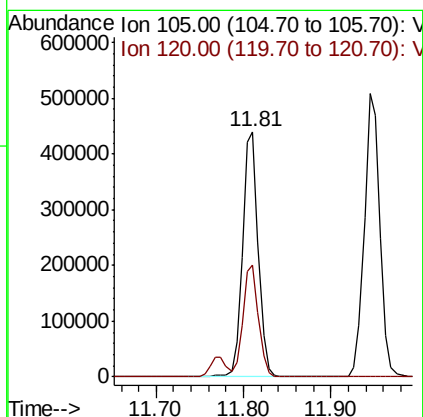
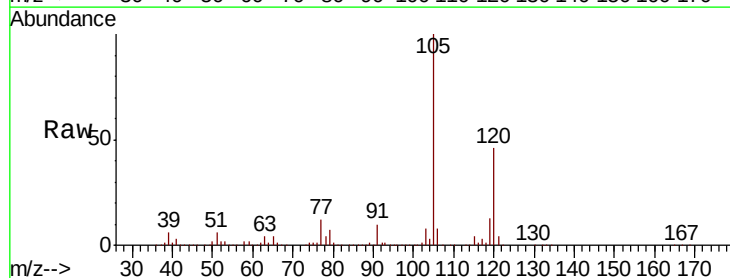
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

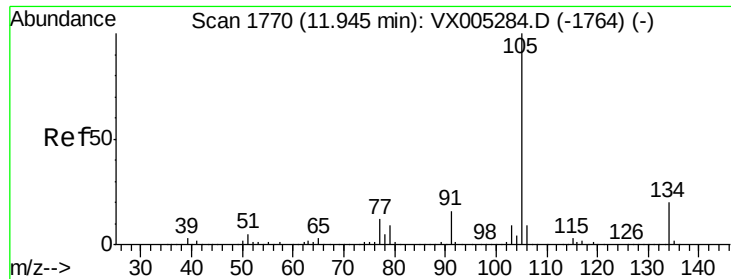
Tot Ion:119 Resp: 528106
 Ion Ratio Lower Upper
 119 100
 91 56.3 27.0 81.0
 134 22.9 11.7 35.1



#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

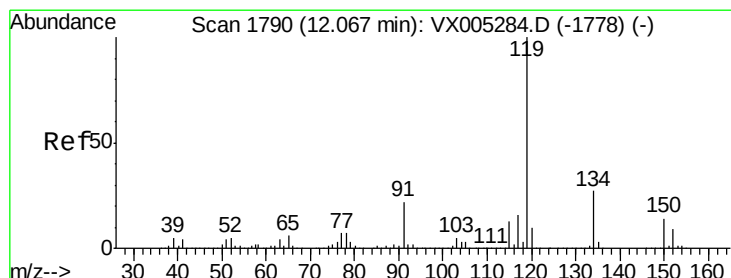
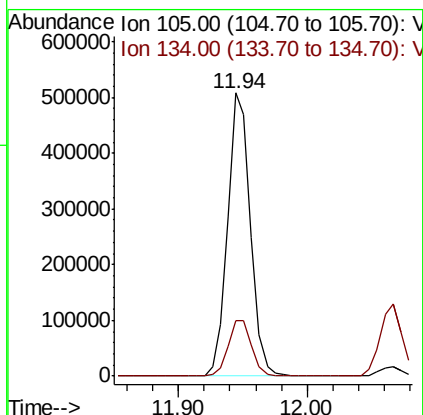
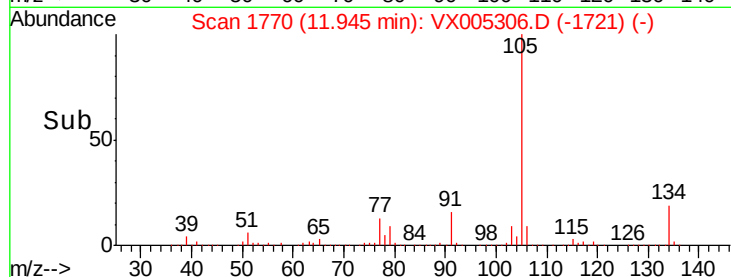
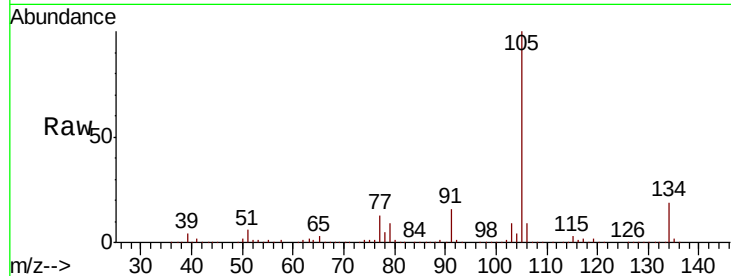




#85
 sec-Butylbenzene
 Concen: 52.159 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

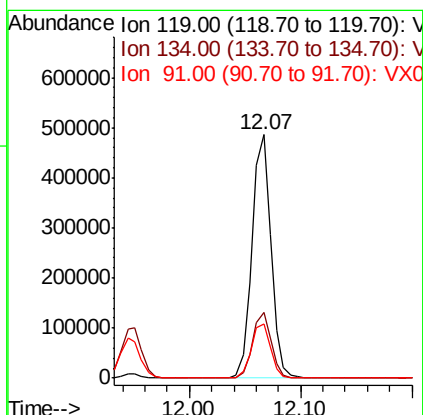
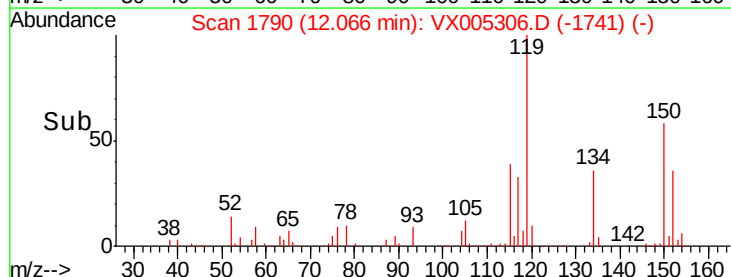
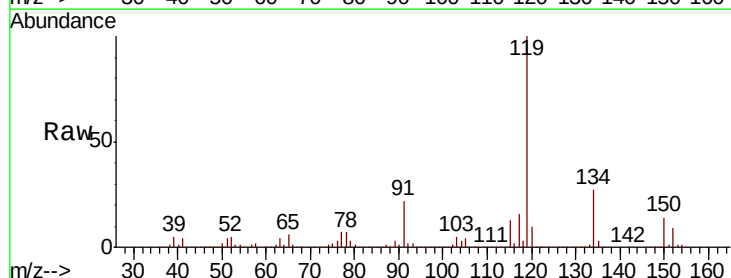
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

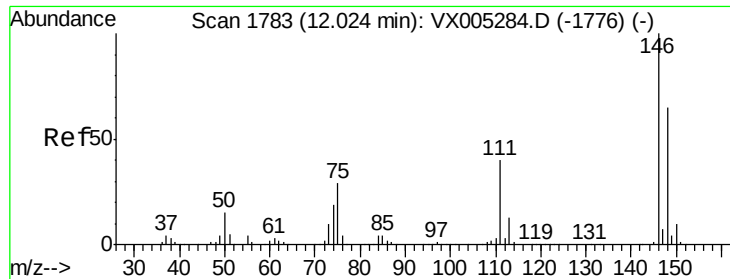
Tot Ion:105 Resp: 629814
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.5 31.5



#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

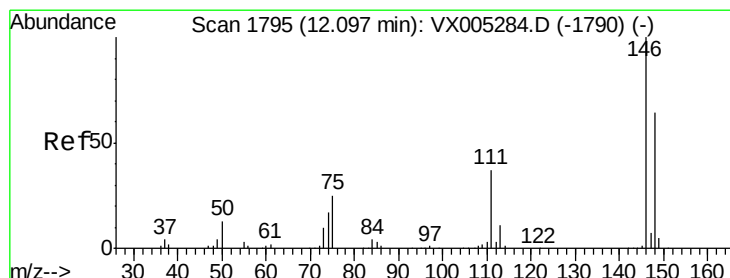
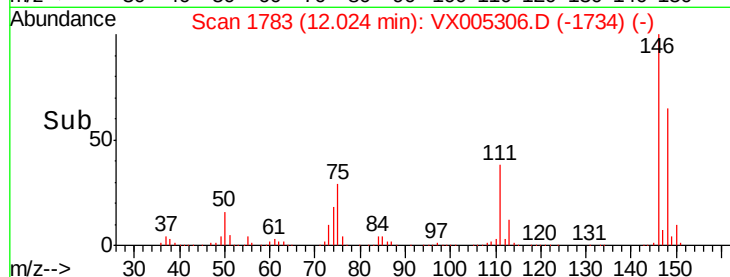
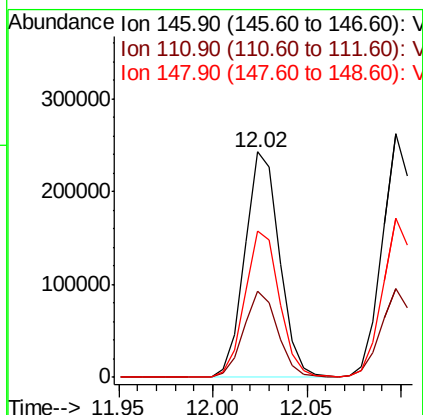
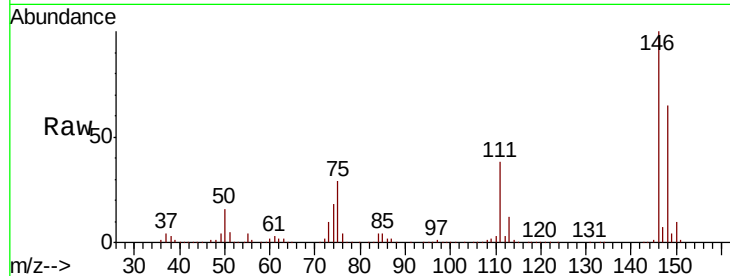




#87
 1,3-Dichlorobenzene
 Concen: 49.339 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

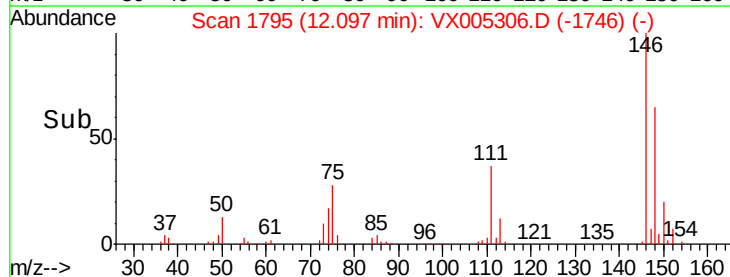
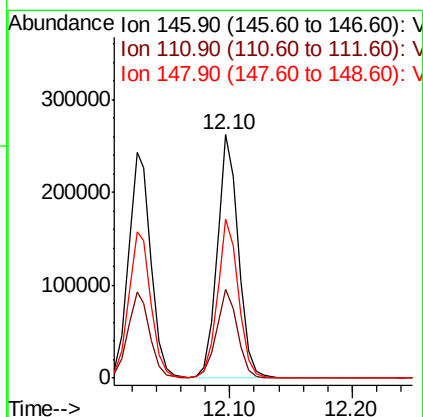
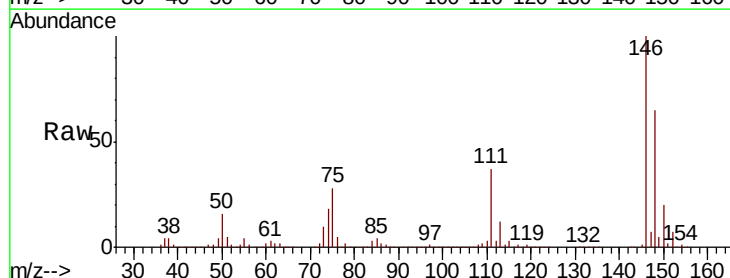
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

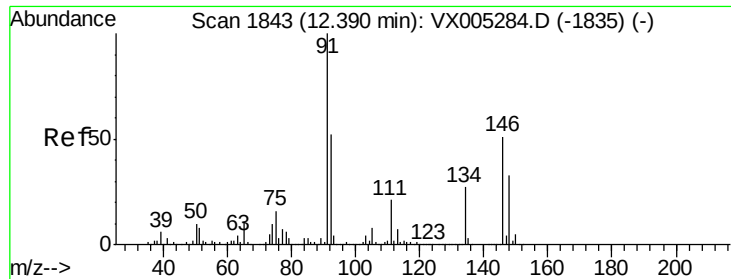
Tot Ion:146 Resp: 310171
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.7 56.1
 148 64.7 32.1 96.5



#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

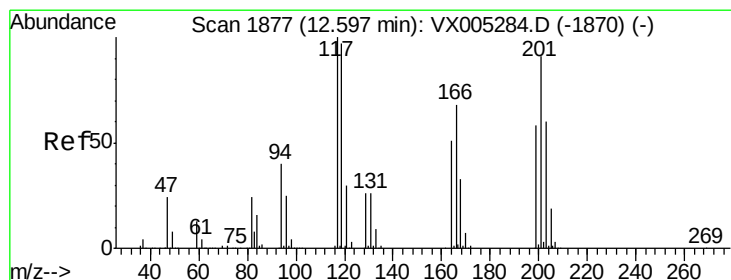
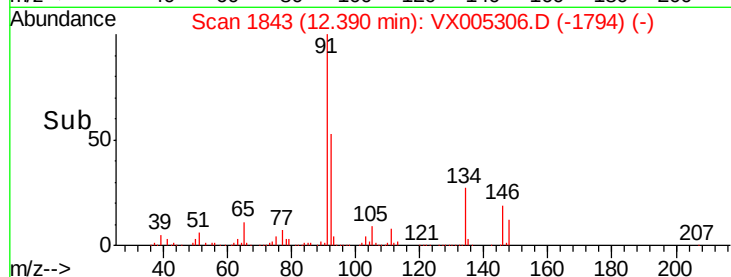
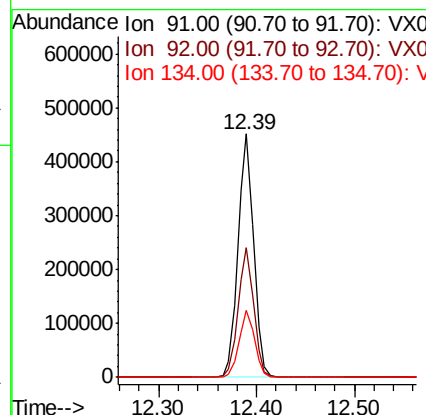
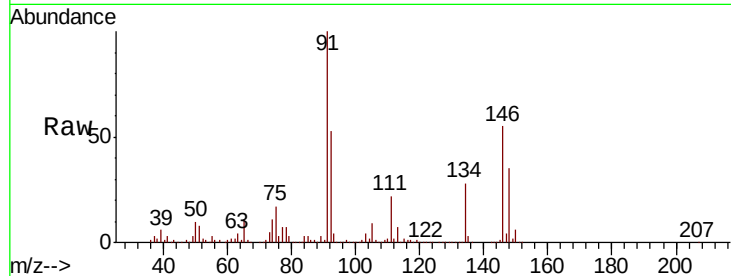




#89
n-Butylbenzene
Concen: 50.596 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

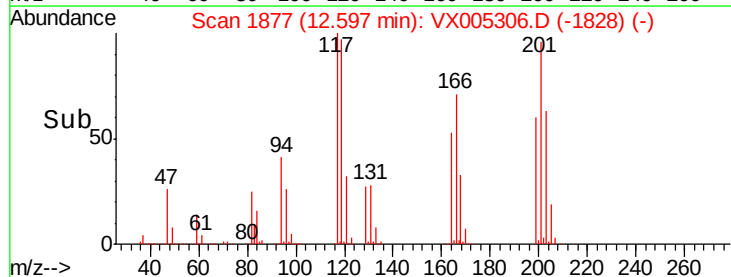
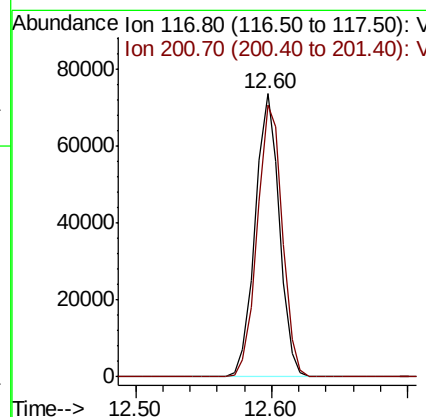
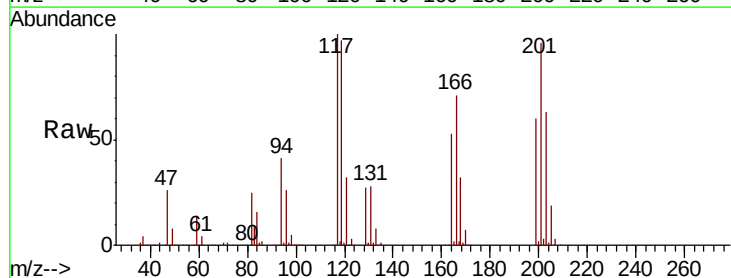
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

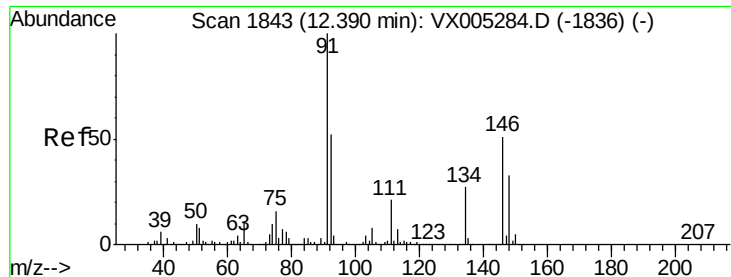
Tot Ion: 91 Resp: 501376
Ion Ratio Lower Upper
91 100
92 52.9 27.3 81.9
134 27.2 13.6 40.7



#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

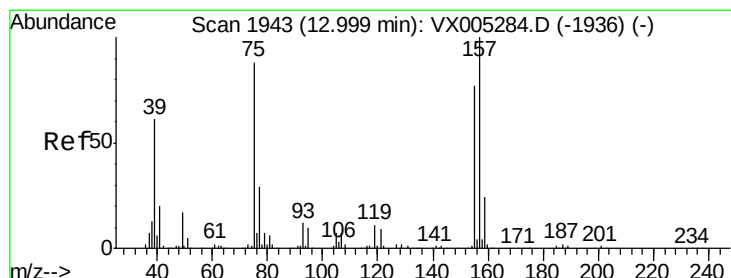
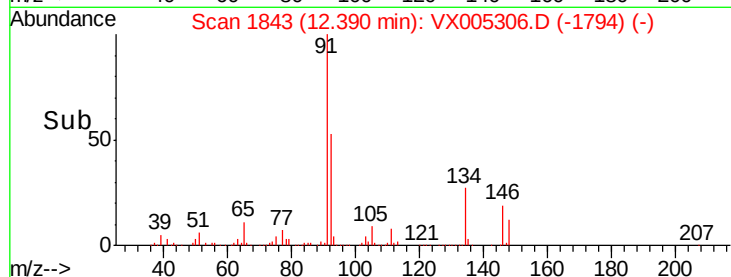
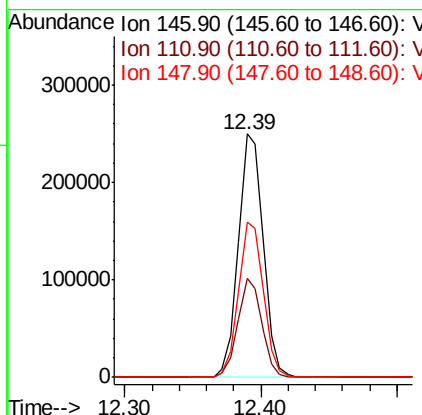
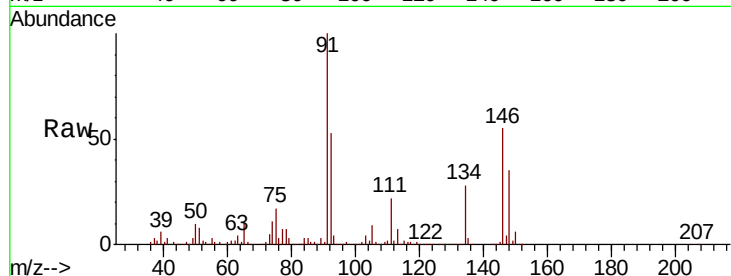




#91
 1,2-Dichlorobenzene
 Concen: 49.516 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

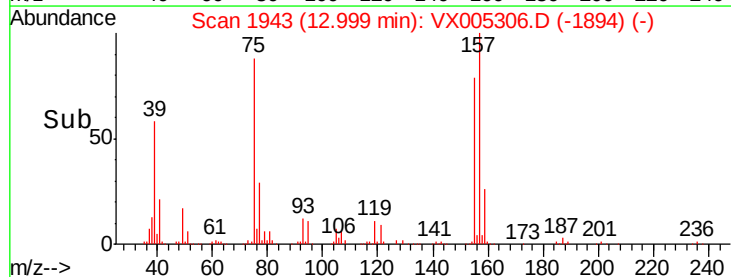
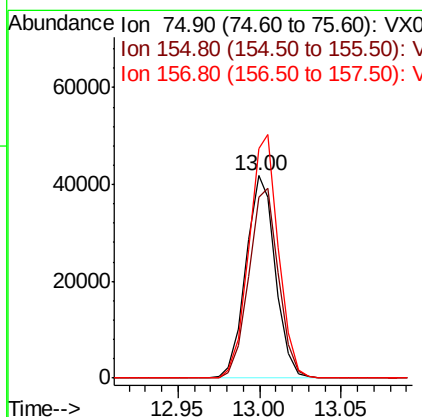
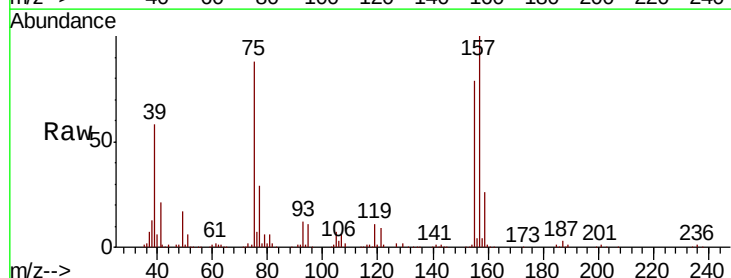
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 ClientSampleId :
 VSTDCCC050

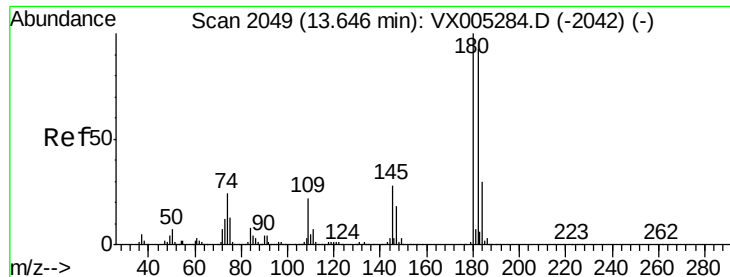
Tot Ion:146 Resp: 317659
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.4 58.1
 148 63.8 32.8 98.3



#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

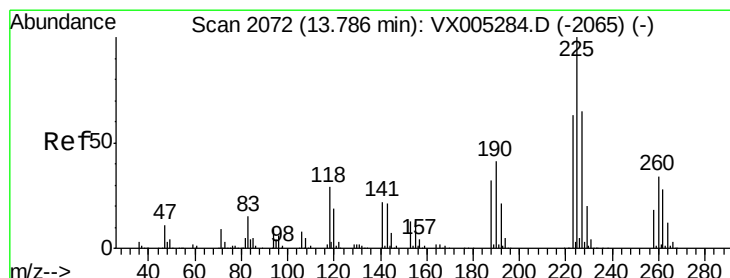
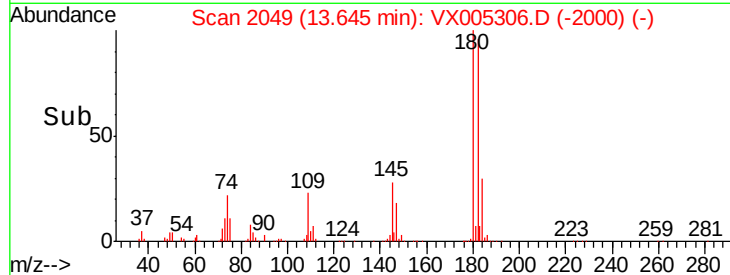
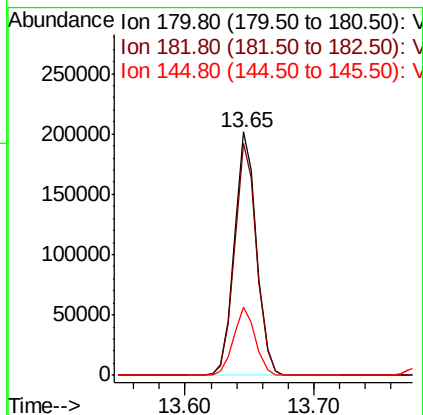
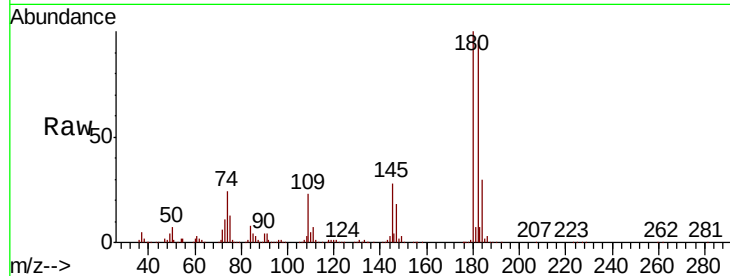




#93
 1,2,4-Trichlorobenzene
 Concen: 51.163 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

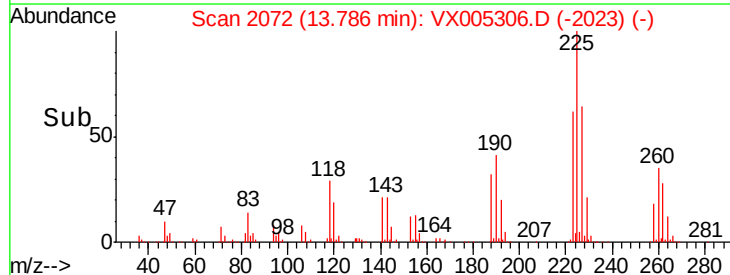
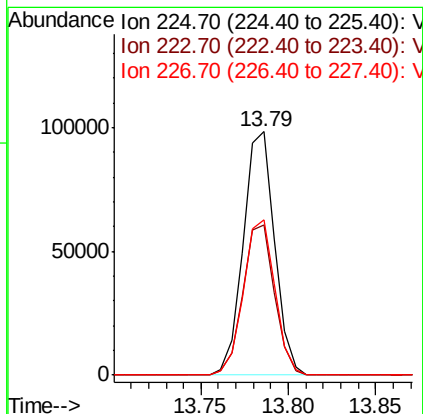
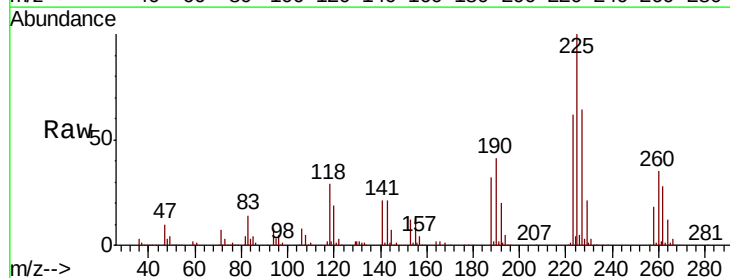
Instrument :
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 VSTDCCC050

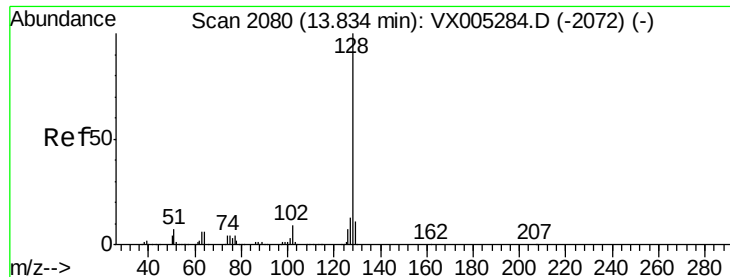
Tot Ion:180 Resp: 240812
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.4 145.0
 145 27.6 14.3 42.9



#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:225 Resp: 122329
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.1 90.5
 227 64.0 30.8 92.4

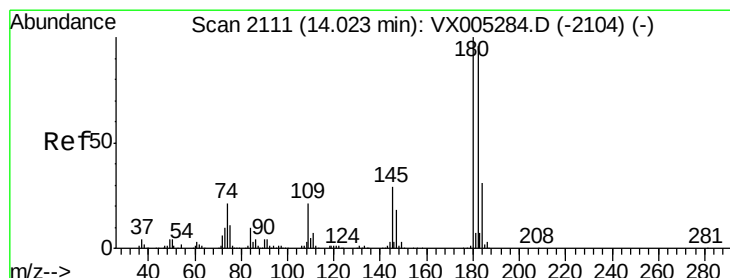
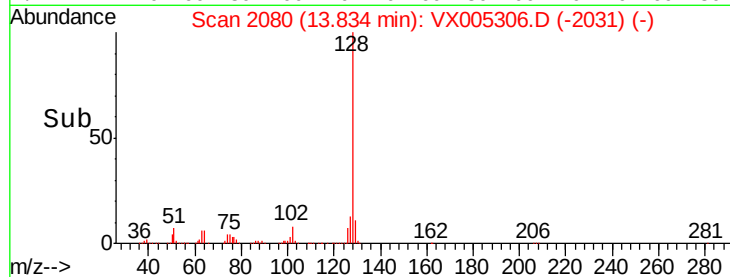
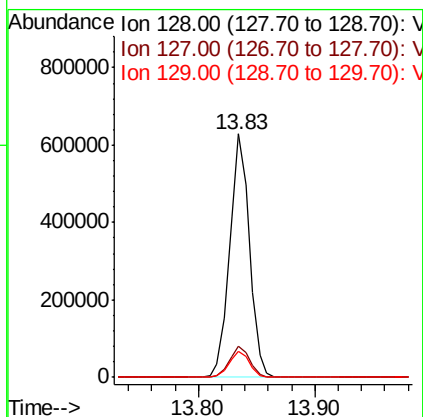
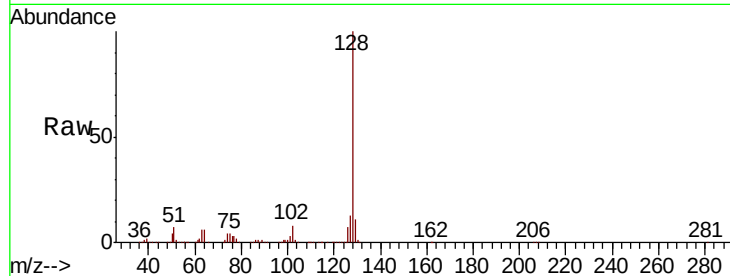




#95
Naphthalene
Concen: 54.292 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

