

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
 Data File : VX005965.D
 Acq On : 13 Nov 2018 22:34
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 14 03:30:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	101150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	133144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	126977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	72587	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	63642	54.73	ug/l	0.00
Spiked Amount			Recovery	=	109.46%	
35) Dibromofluoromethane	5.51	113	48813	53.90	ug/l	0.00
Spiked Amount			Recovery	=	107.80%	
50) Toluene-d8	8.71	98	173041	57.48	ug/l	0.00
Spiked Amount			Recovery	=	114.96%	
62) 4-Bromofluorobenzene	11.14	95	66759	61.67	ug/l	0.00
Spiked Amount			Recovery	=	123.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	45843	50.267	ug/l	93
3) Chloromethane	1.32	50	54701	45.704	ug/l	99
4) Vinyl Chloride	1.41	62	60511	50.362	ug/l #	87
5) Bromomethane	1.64	94	31134	42.342	ug/l	99
6) Chloroethane	1.71	64	33648	46.934	ug/l	95
7) Trichlorofluoromethane	1.92	101	78767	49.387	ug/l	97
8) Diethyl Ether	2.19	74	30776	49.246	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	44106	48.084	ug/l	100
10) Methyl Iodide	2.51	142	52724	47.426	ug/l	98
11) Tert butyl alcohol	3.08	59	79851	239.709	ug/l	100
12) 1,1-Dichloroethene	2.37	96	40325	45.104	ug/l	90
13) Acrolein	2.29	56	49258	305.515	ug/l	100
14) Allyl chloride	2.72	41	94785	47.469	ug/l	98
15) Acrylonitrile	3.15	53	177891	257.685	ug/l	98
16) Acetone	2.45	43	154938	247.462	ug/l	99
17) Carbon Disulfide	2.57	76	121195	45.446	ug/l	97
18) Methyl Acetate	2.78	43	93769	56.065	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	156607	51.322	ug/l	97
20) Methylene Chloride	2.86	84	49663	48.288	ug/l	85
21) trans-1,2-Dichloroethene	3.17	96	44322	47.001	ug/l	96
22) Diisopropyl ether	3.87	45	172636	49.354	ug/l	89
23) Vinyl Acetate	3.82	43	769763	256.658	ug/l	97
24) 1,1-Dichloroethane	3.70	63	92618	49.629	ug/l	100
25) 2-Butanone	4.70	43	260538	264.682	ug/l	99
26) 2,2-Dichloropropane	4.59	77	61191	44.699	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	50974	48.954	ug/l	97
28) Bromochloromethane	5.02	49	46909	56.243	ug/l	95
29) Tetrahydrofuran	5.15	42	160645	254.177	ug/l	99
30) Chloroform	5.22	83	87262	48.466	ug/l	86
31) Cyclohexane	5.58	56	81241	50.150	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	79937	53.228	ug/l	98
36) 1,1-Dichloropropene	5.80	75	66181	51.561	ug/l	99
37) Ethyl Acetate	4.85	43	88020	52.148	ug/l	99
38) Carbon Tetrachloride	5.77	117	68891	53.613	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70252	54.002	ug/l	99
40) Benzene	6.15	78	207345	55.413	ug/l	100
41) Methacrylonitrile	5.06	41	49637	54.424	ug/l	99
42) 1,2-Dichloroethane	6.20	62	73614	54.927	ug/l	100
43) Isopropyl Acetate	6.46	43	129413	52.913	ug/l	98
44) Trichloroethene	7.21	130	49919	52.532	ug/l	97
45) 1,2-Dichloropropane	7.52	63	50333	55.420	ug/l	100
46) Dibromomethane	7.66	93	32969	57.850	ug/l	99
47) Bromodichloromethane	7.90	83	64468	59.856	ug/l	98
48) Methyl methacrylate	7.77	41	66450	60.508	ug/l	98
49) 1,4-Dioxane	7.76	88	27931	1180.292	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	453300	294.080	ug/l	100
52) Toluene	8.79	92	119925	57.346	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	68799	54.129	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	75834	58.537	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	48460	51.995	ug/l	97
56) Ethyl methacrylate	9.18	69	74765	53.613	ug/l	97
57) 1,3-Dichloropropane	9.37	76	82206	52.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	213441	279.862	ug/l	99
59) 2-Hexanone	9.50	43	363451	267.501	ug/l	99
60) Dibromochloromethane	9.59	129	51345	50.974	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50793	49.285	ug/l	100
64) Tetrachloroethene	9.34	164	53762	49.730	ug/l	98
65) Chlorobenzene	10.14	112	128926	50.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	48365	54.690	ug/l	100
67) Ethyl Benzene	10.25	91	224857	55.126	ug/l	99
68) m/p-Xylenes	10.36	106	173922	111.784	ug/l	98
69) o-Xylene	10.70	106	83925	60.155	ug/l	100
70) Styrene	10.71	104	141006	61.267	ug/l	99
71) Bromoform	10.86	173	42403	57.198	ug/l #	99
73) Isopropylbenzene	11.02	105	230289	54.862	ug/l	100
74) N-amyl acetate	10.90	43	117163	49.752	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81186	52.694	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	98123	66.388	ug/l	86
77) Bromobenzene	11.26	156	60428	51.074	ug/l	98
78) n-propylbenzene	11.36	91	267536	54.080	ug/l	99
79) 2-Chlorotoluene	11.42	91	159497	53.341	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	198163	55.553	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23585	50.858	ug/l	97
82) 4-Chlorotoluene	11.51	91	190259	53.989	ug/l	99
83) tert-Butylbenzene	11.77	119	190216	52.710	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	205110	52.108	ug/l	99
85) sec-Butylbenzene	11.94	105	235954	53.468	ug/l	100
86) p-Isopropyltoluene	12.07	119	212859	54.455	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	112108	49.373	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	113987	49.039	ug/l	99
89) n-Butylbenzene	12.39	91	185782	51.281	ug/l	100
90) Hexachloroethane	12.60	117	33431	51.226	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	112792	49.586	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19500	51.865	ug/l	99

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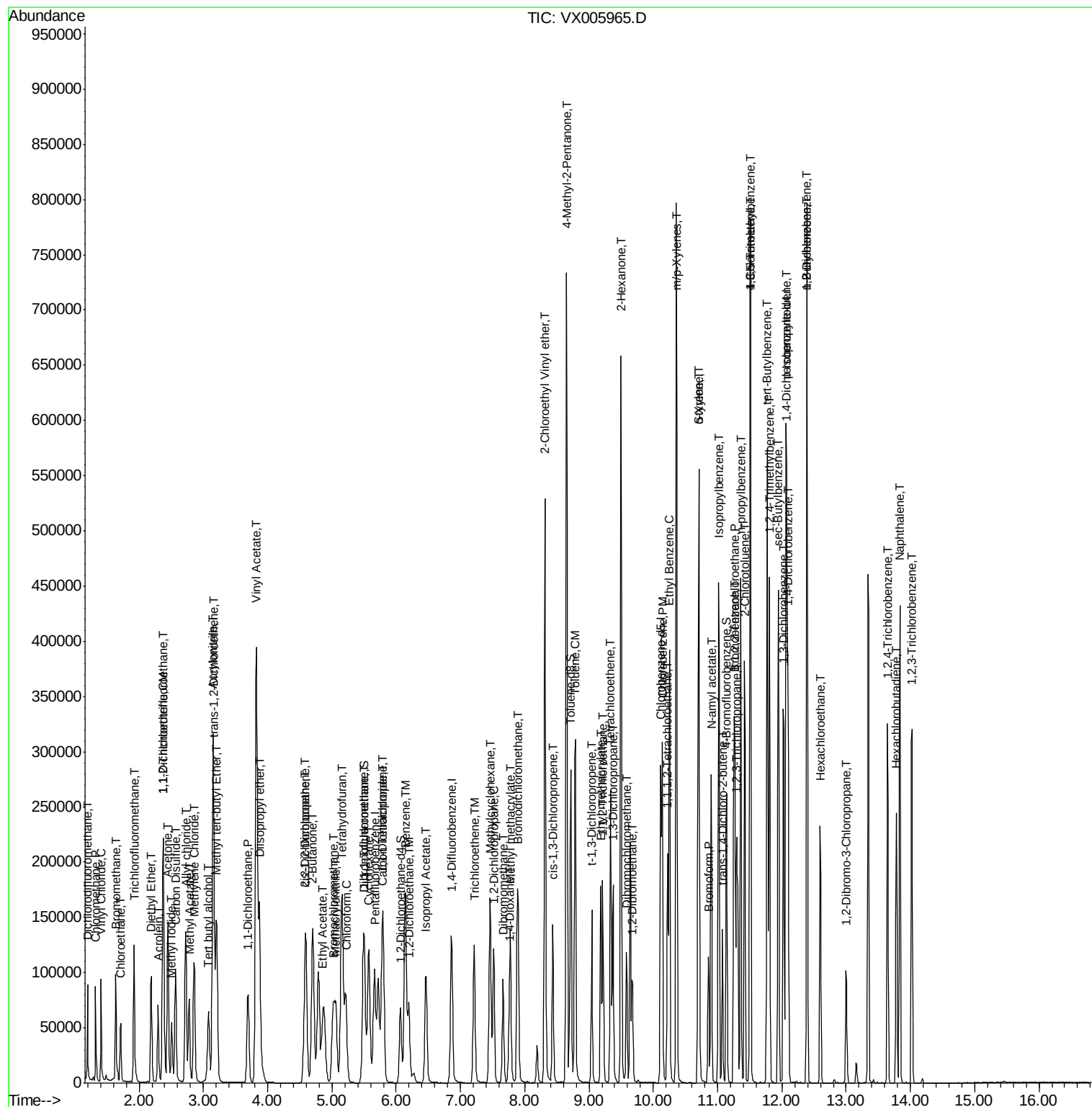
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	80630	50.353	ug/l	99
94) Hexachlorobutadiene	13.79	225	39285	46.704	ug/l	99
95) Naphthalene	13.83	128	251140	48.136	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	82670	50.675	ug/l	100

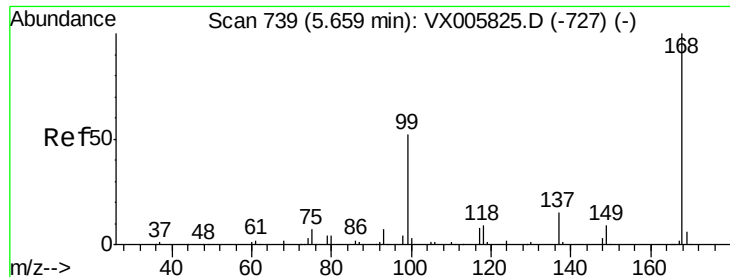
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

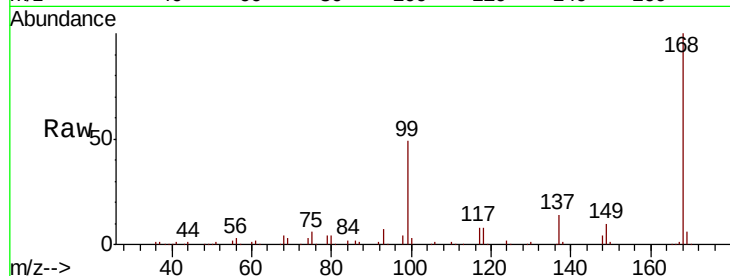
VSTDCCC050EC

Tot Ion:168 Resp: 101150

Ion Ratio Lower Upper

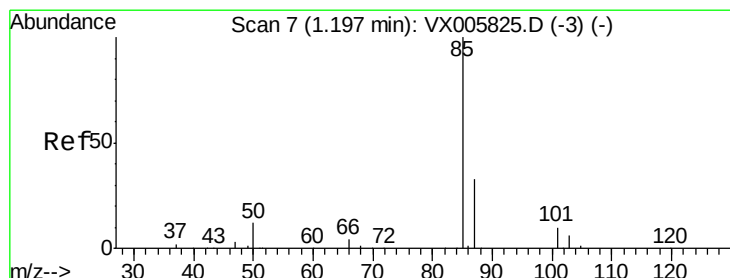
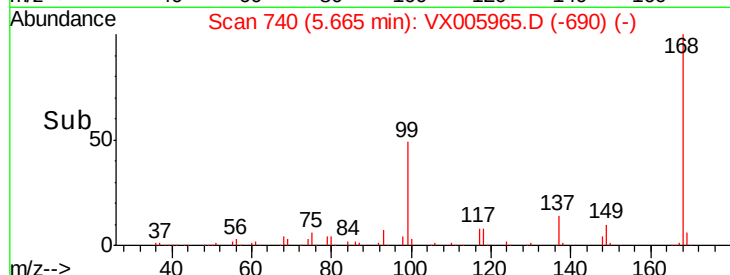
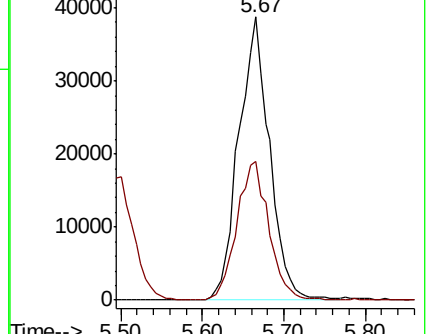
168 100

99 48.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.267 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005965.D

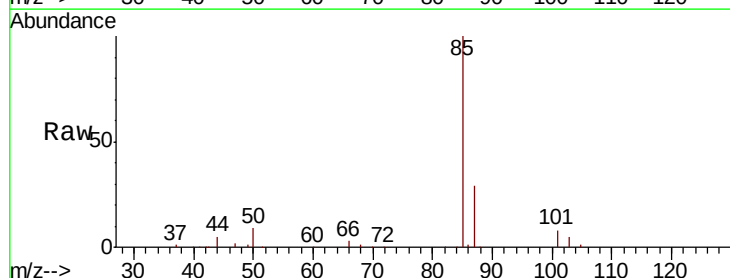
Acq: 13 Nov 2018 22:34

Tgt Ion: 85 Resp: 45843

Ion Ratio Lower Upper

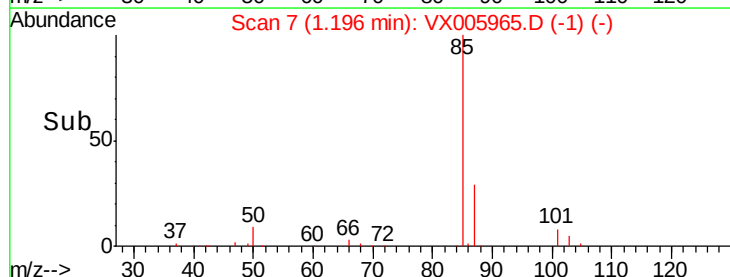
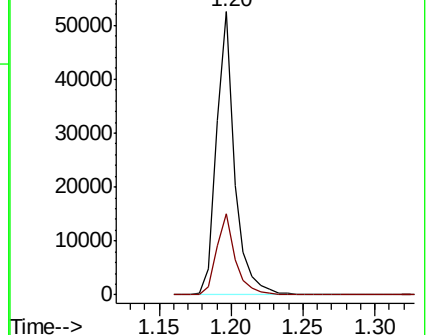
85 100

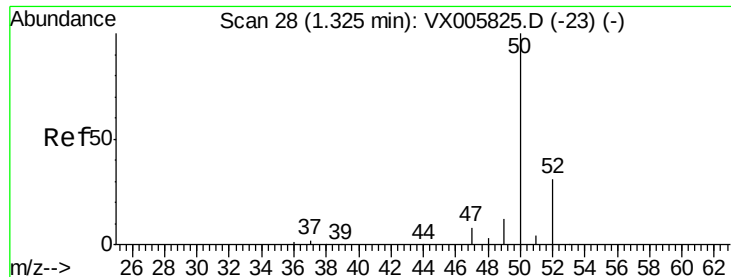
87 28.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.704 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

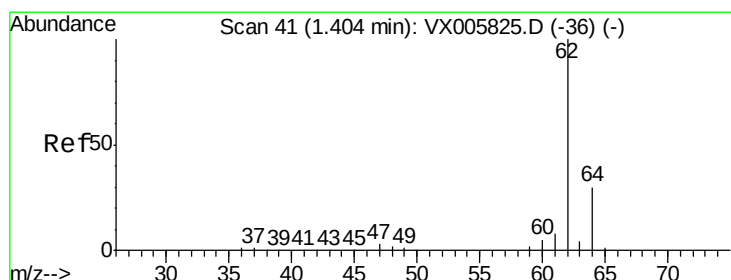
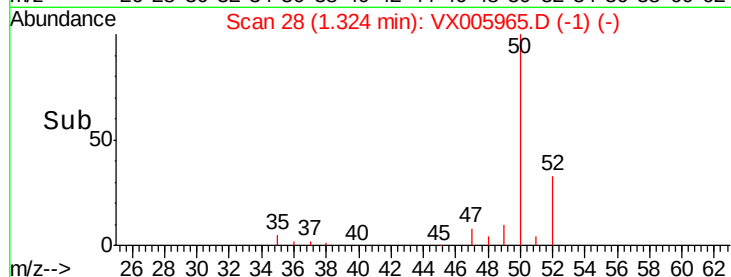
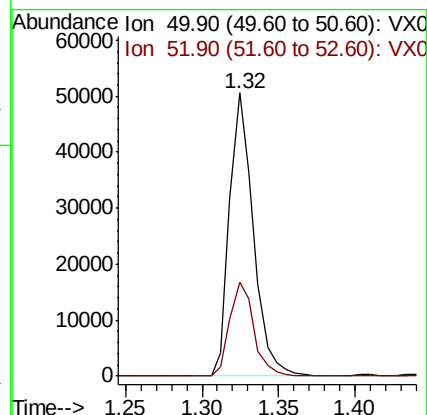
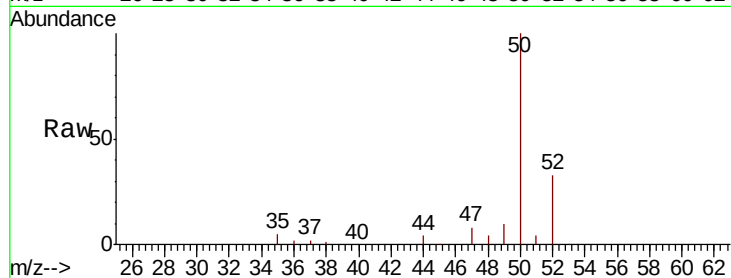
VSTDCCC050EC

Tot Ion: 50 Resp: 54701

Ion Ratio Lower Upper

50 100

52 33.4 26.2 39.2



#4

Vinyl Chloride

Concen: 50.362 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005965.D

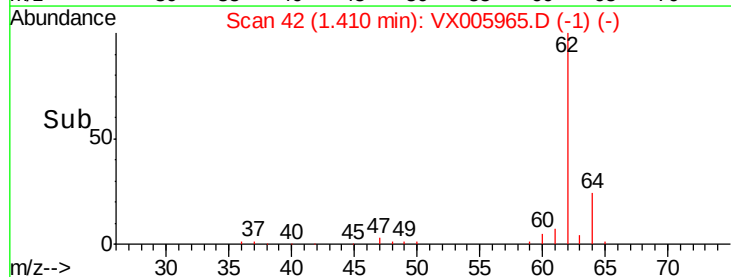
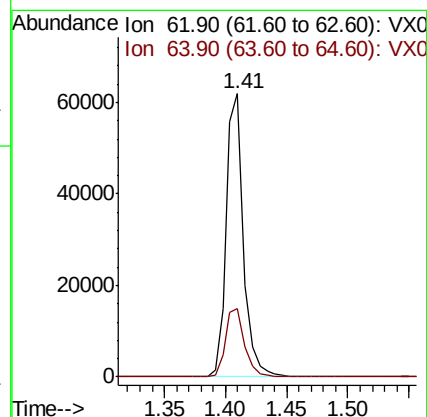
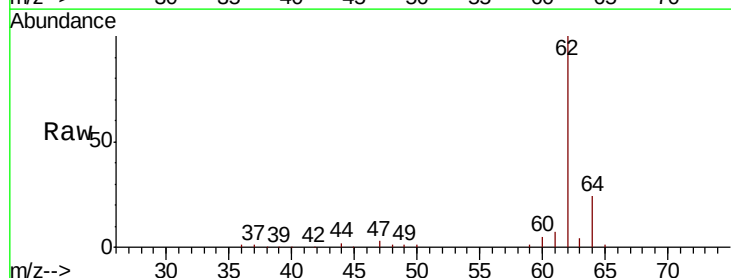
Acq: 13 Nov 2018 22:34

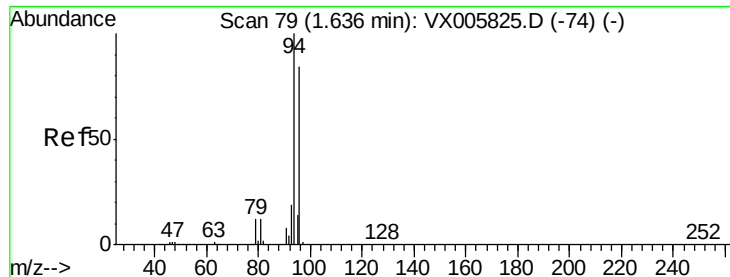
Tgt Ion: 62 Resp: 60511

Ion Ratio Lower Upper

62 100

64 24.2 25.3 37.9#





#5

Bromomethane

Concen: 42.342 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

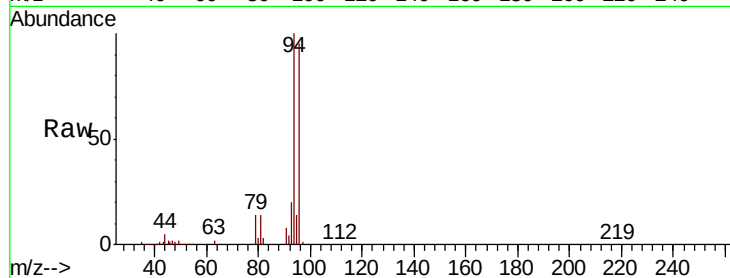
VSTDCCC050EC

Tot Ion: 94 Resp: 31134

Ion Ratio Lower Upper

94 100

96 94.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

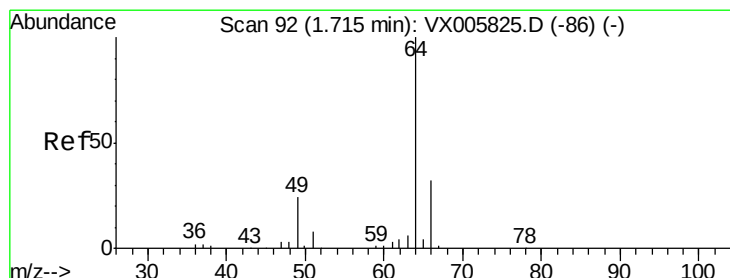
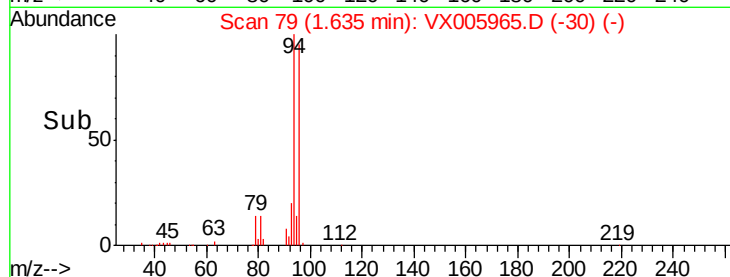
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 46.934 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005965.D

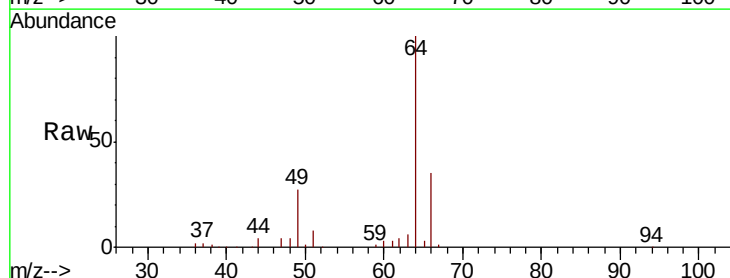
Acq: 13 Nov 2018 22:34

Tgt Ion: 64 Resp: 33648

Ion Ratio Lower Upper

64 100

66 35.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

30000

25000

20000

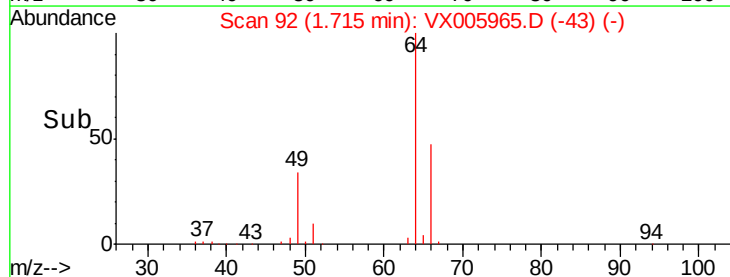
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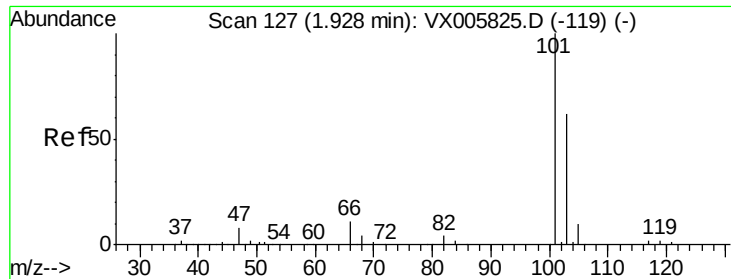
10000

5000

0

Time--> 1.65 1.70 1.75 1.80



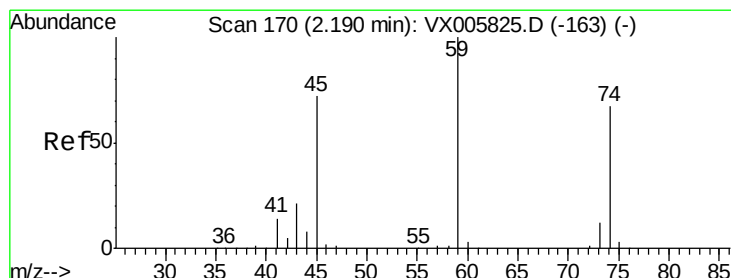
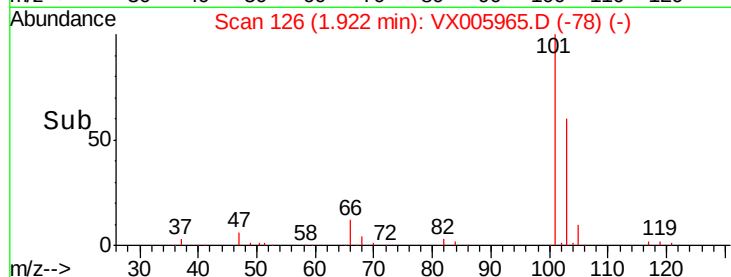
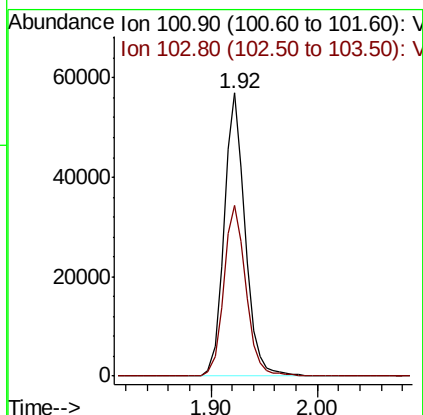
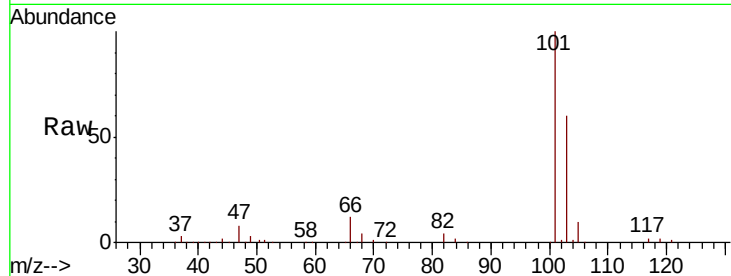


#7

Trichlorofluoromethane
 Concen: 49.387 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Instrument :
 MSVOA_X
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 VSTDCCC050EC

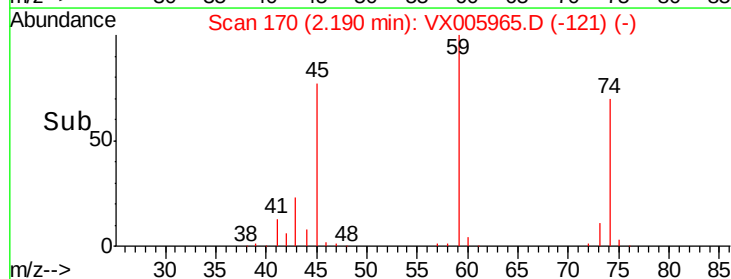
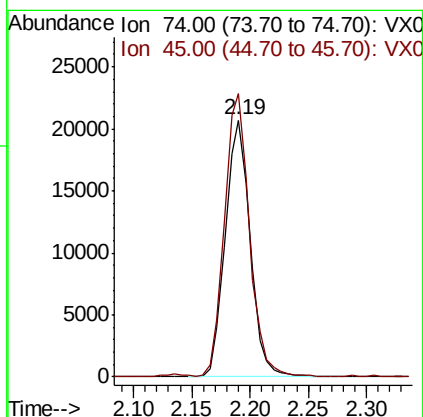
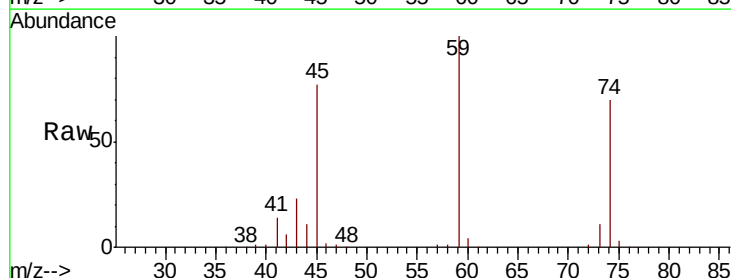
Tot Ion:101 Resp: 78767
 Ion Ratio Lower Upper
 101 100
 103 60.4 50.0 75.0

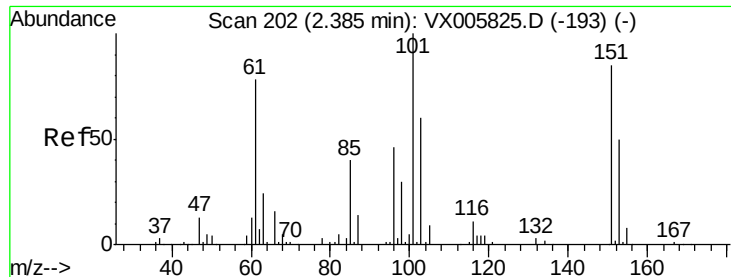


#8

Diethyl Ether
 Concen: 49.246 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion: 74 Resp: 30776
 Ion Ratio Lower Upper
 74 100
 45 109.2 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.084 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

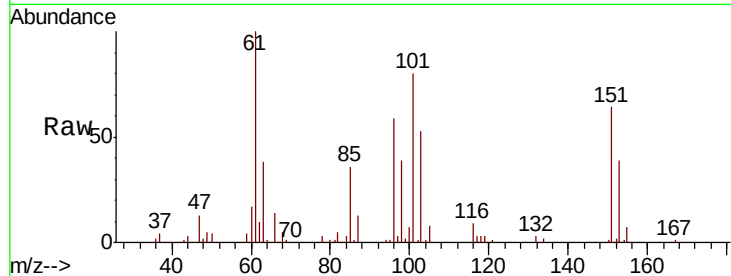
Tot Ion:101 Resp: 44106

Ion Ratio Lower Upper

101 100

85 44.2 35.0 52.4

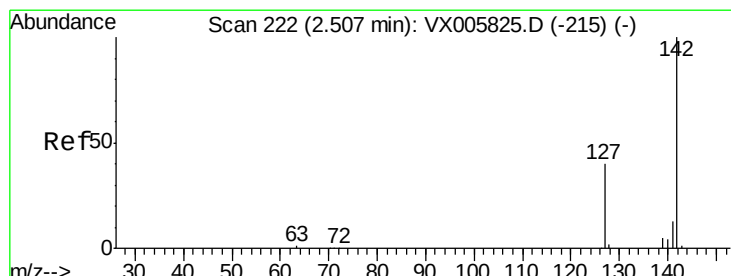
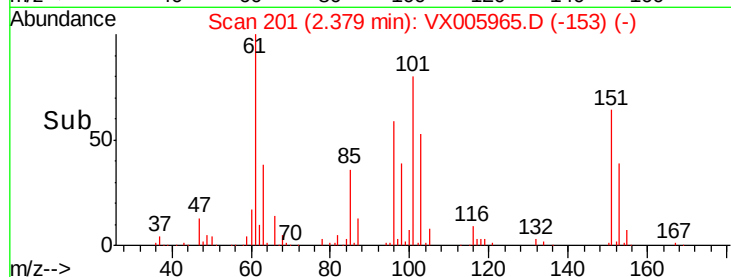
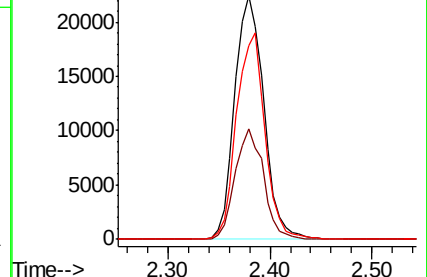
151 82.5 66.2 99.2



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: 47.426 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

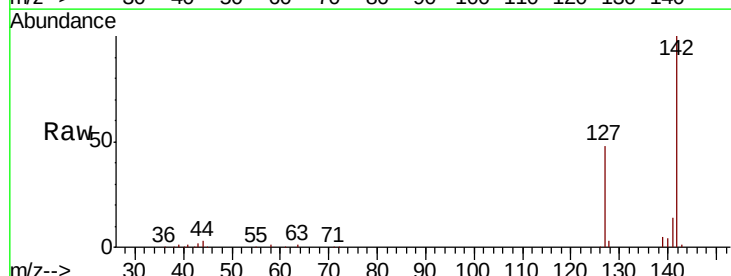
Tgt Ion:142 Resp: 52724

Ion Ratio Lower Upper

142 100

127 46.4 36.0 54.0

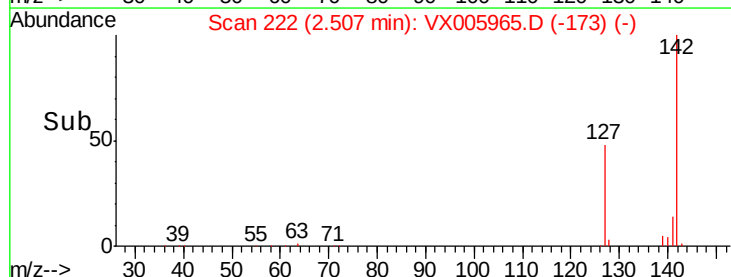
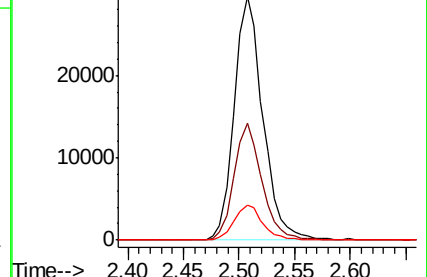
141 14.3 11.7 17.5

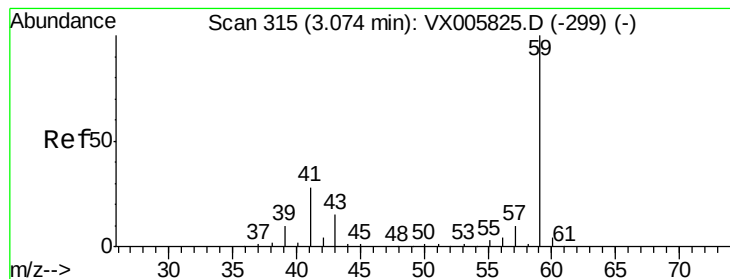


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



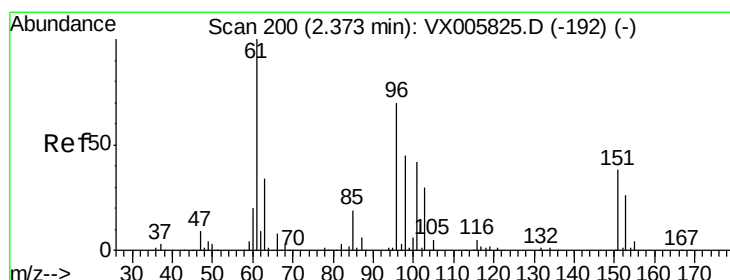
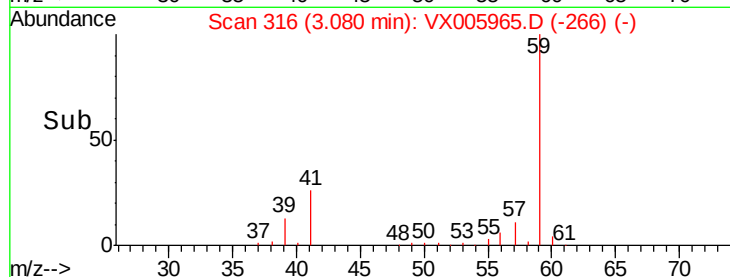
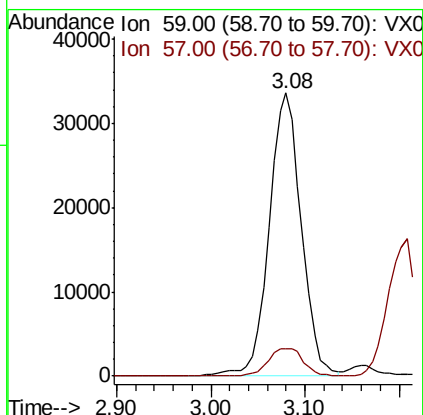
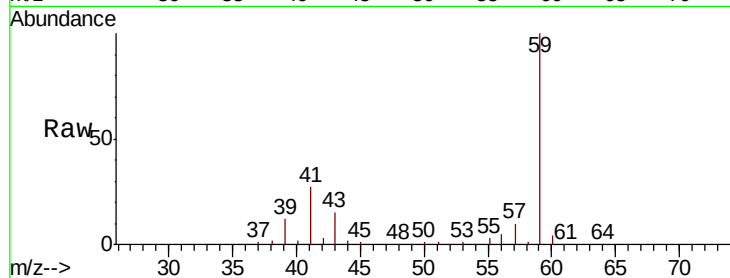


#11

Tert butyl alcohol
 Concen: 239.709 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

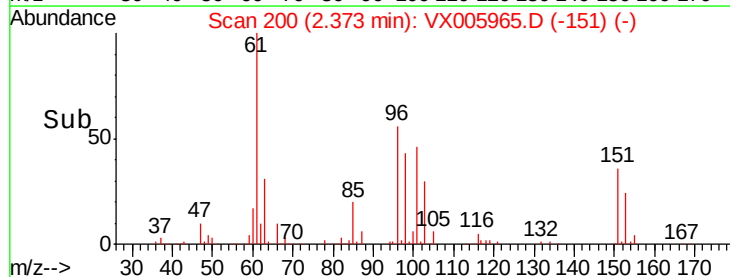
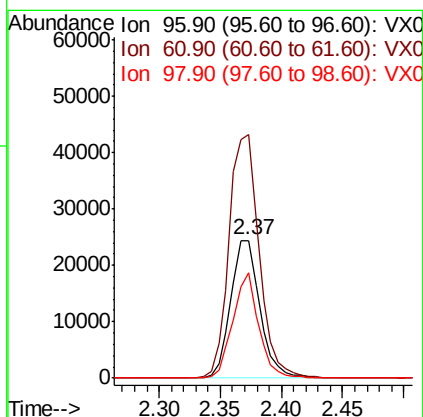
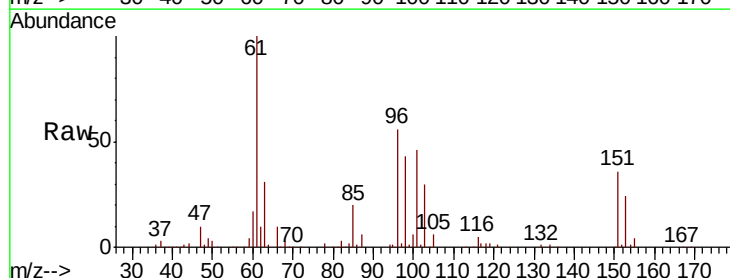
Tot Ion: 59 Resp: 79851
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.5 12.7

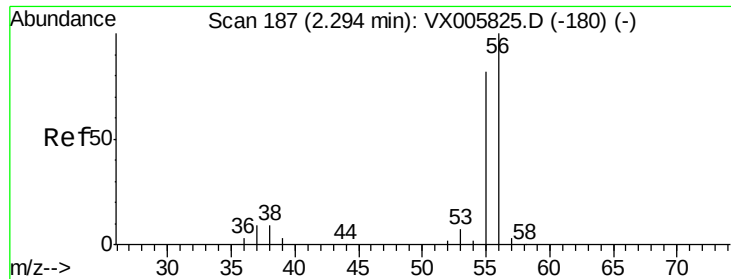


#12

1,1-Dichloroethene
 Concen: 45.104 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion: 96 Resp: 40325
 Ion Ratio Lower Upper
 96 100
 61 177.2 131.8 197.8
 98 76.9 53.4 80.2





#13

Acrolein

Concen: 305.515 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

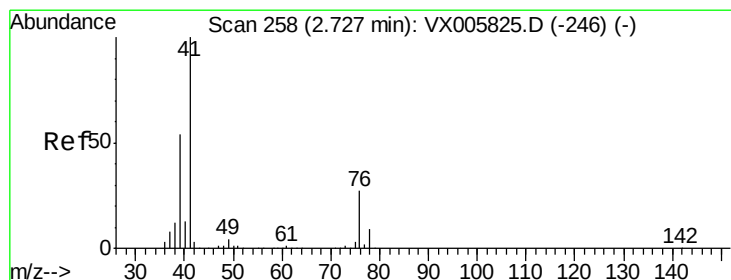
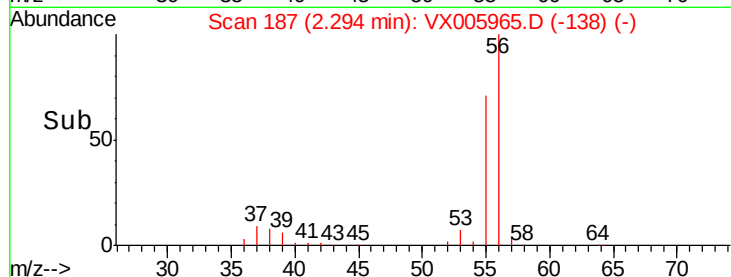
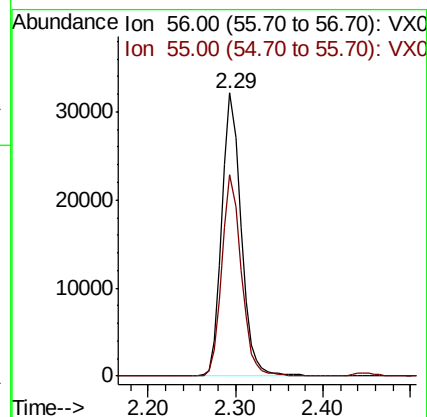
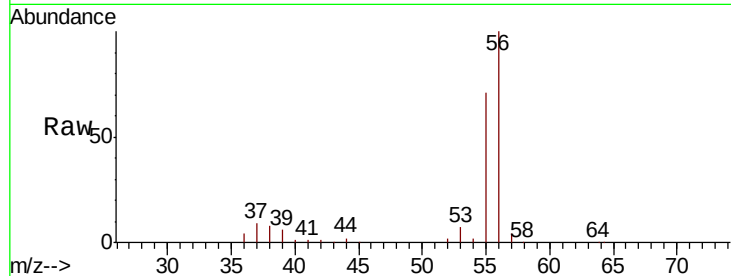
VSTDCCC050EC

Tot Ion: 56 Resp: 49258

Ion Ratio Lower Upper

56 100

55 71.3 57.3 85.9



#14

Allyl chloride

Concen: 47.469 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

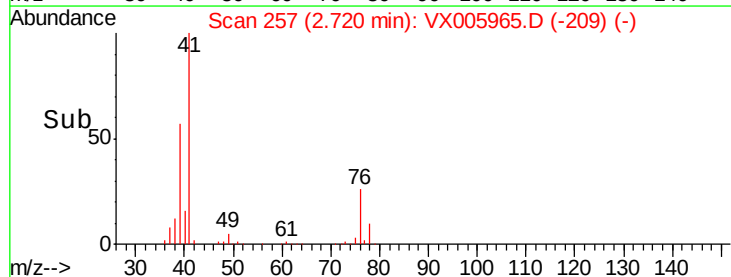
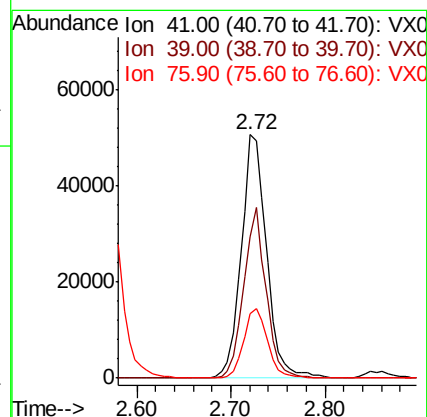
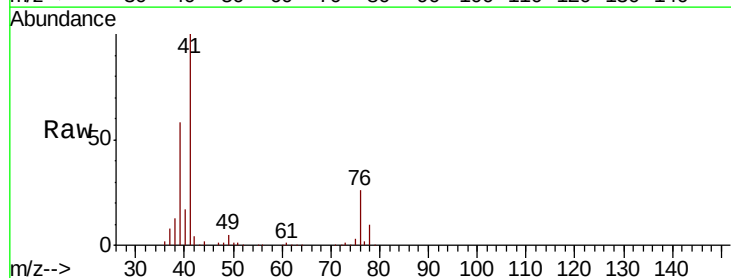
Tgt Ion: 41 Resp: 94785

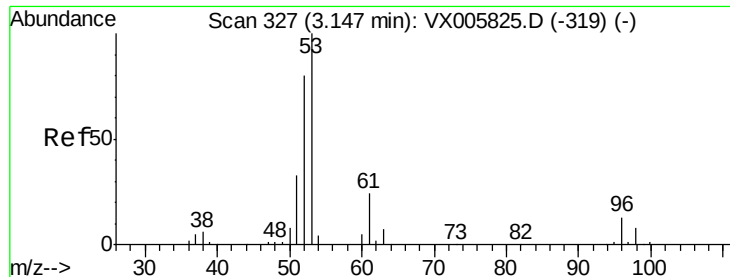
Ion Ratio Lower Upper

41 100

39 62.2 48.2 72.4

76 27.0 21.9 32.9





#15

Acrylonitrile

Concen: 257.685 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

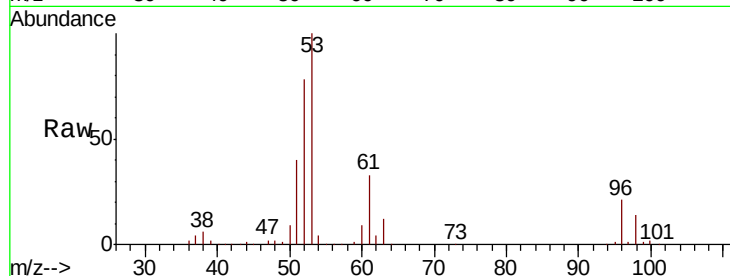
Tot Ion: 53 Resp: 177891

Ion Ratio Lower Upper

53 100

52 81.2 66.6 99.8

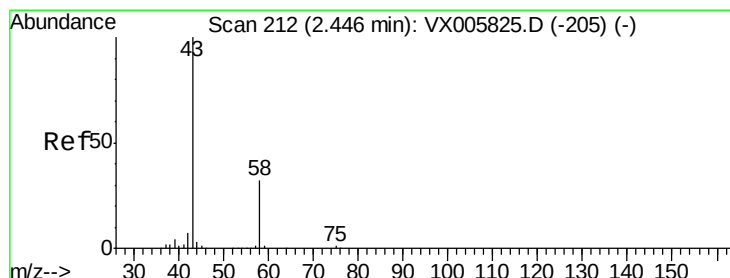
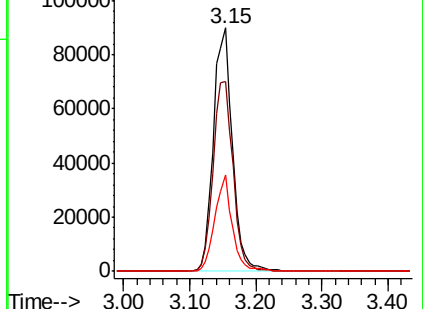
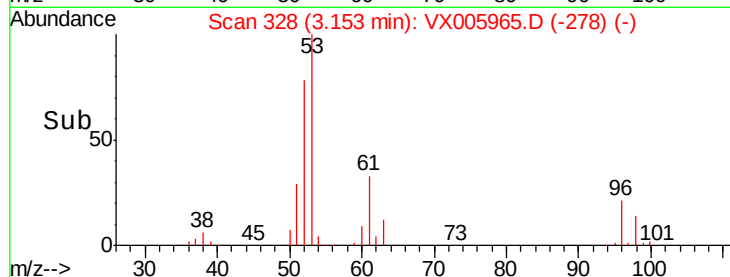
51 36.1 28.4 42.6



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: 247.462 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005965.D

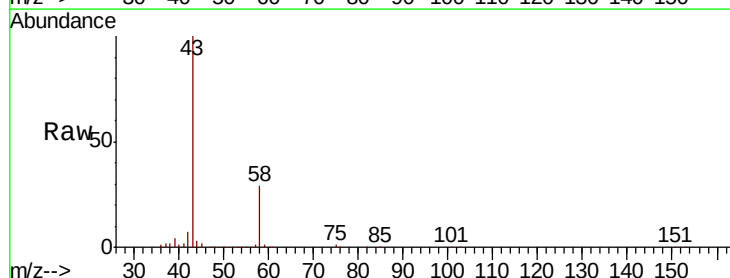
Acq: 13 Nov 2018 22:34

Tgt Ion: 43 Resp: 154938

Ion Ratio Lower Upper

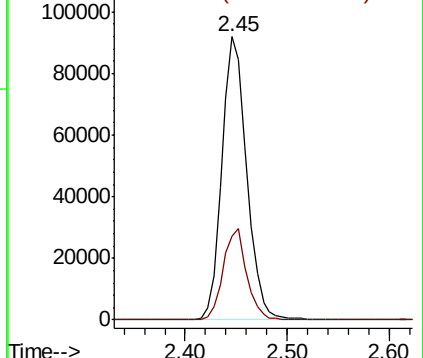
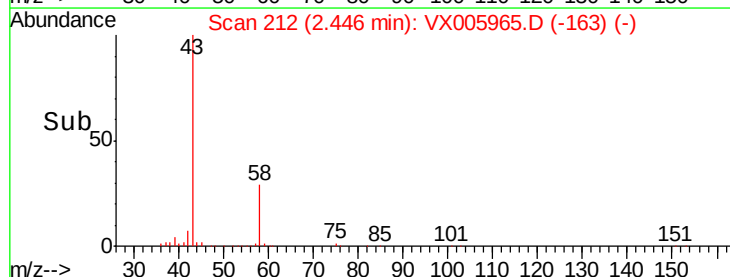
43 100

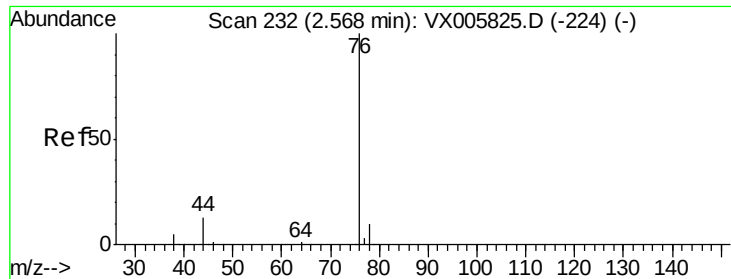
58 29.4 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.446 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

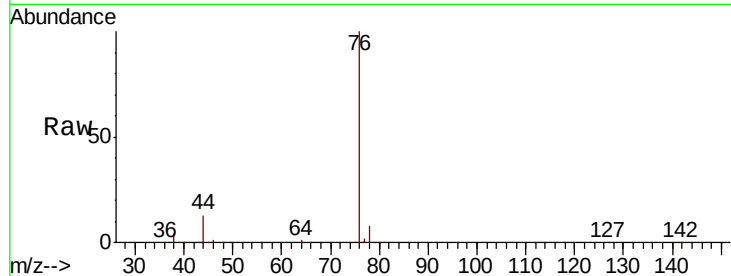
VSTDCCC050EC

Tot Ion: 76 Resp: 121195

Ion Ratio Lower Upper

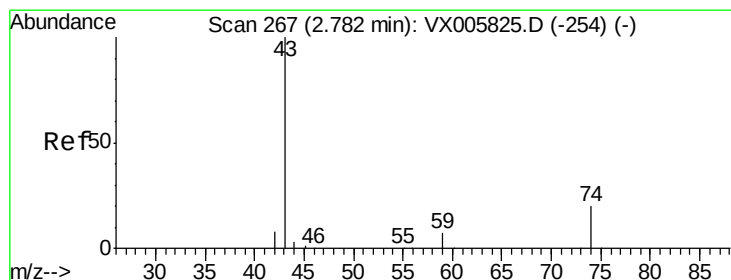
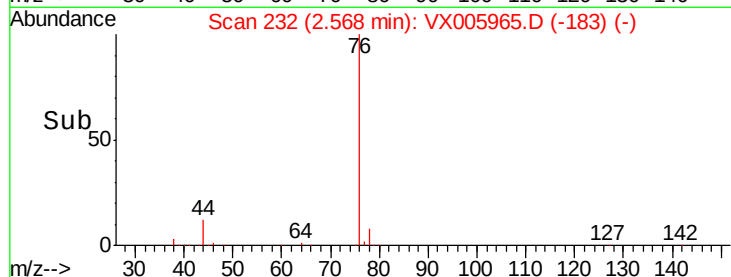
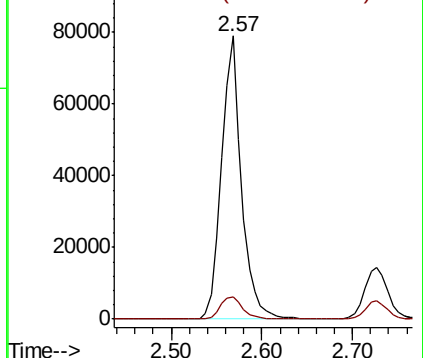
76 100

78 7.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 56.065 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005965.D

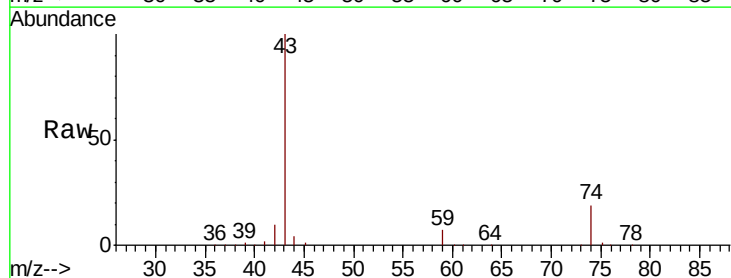
Acq: 13 Nov 2018 22:34

Tgt Ion: 43 Resp: 93769

Ion Ratio Lower Upper

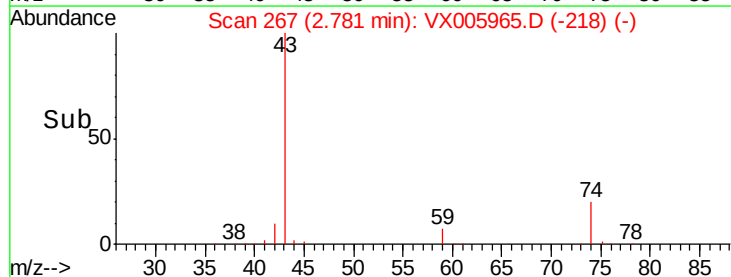
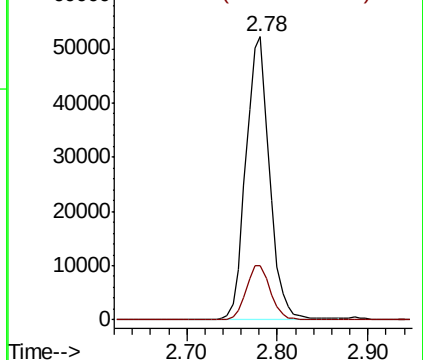
43 100

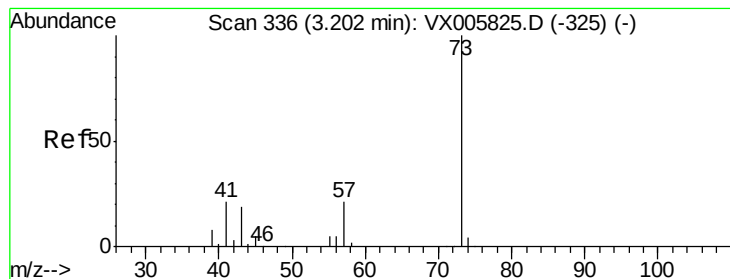
74 19.9 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



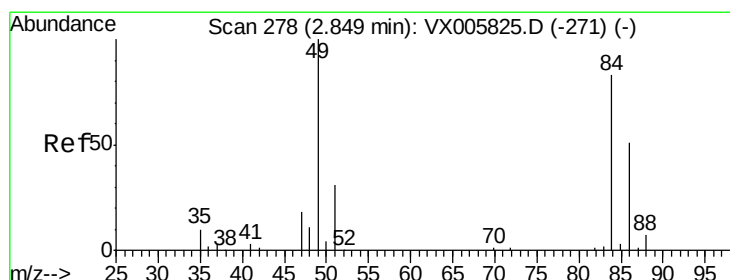
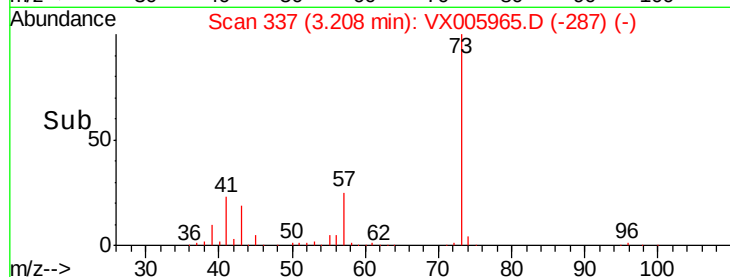
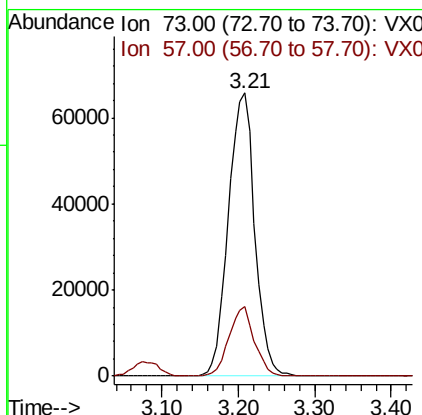
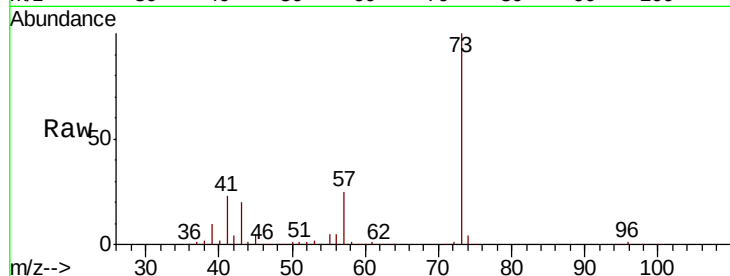


#19

Methyl tert-butyl Ether
 Concen: 51.322 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

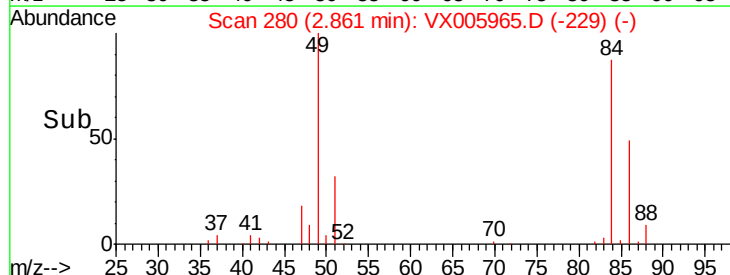
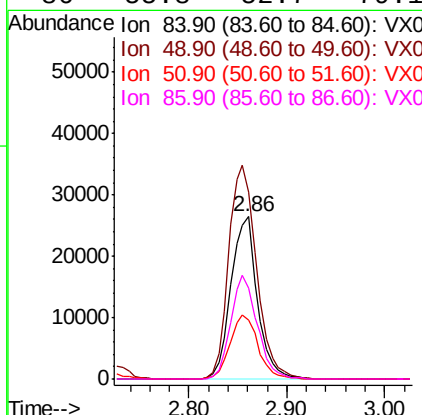
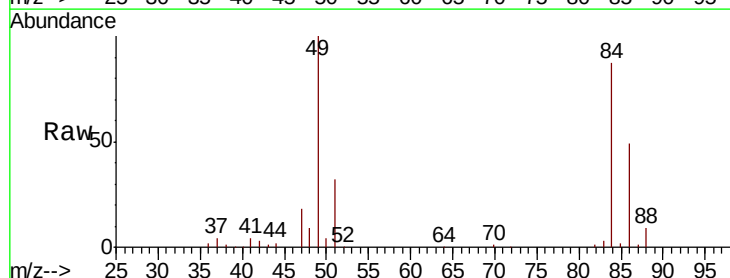
Tot Ion: 73 Resp: 156607
 Ion Ratio Lower Upper
 73 100
 57 24.8 18.8 28.2

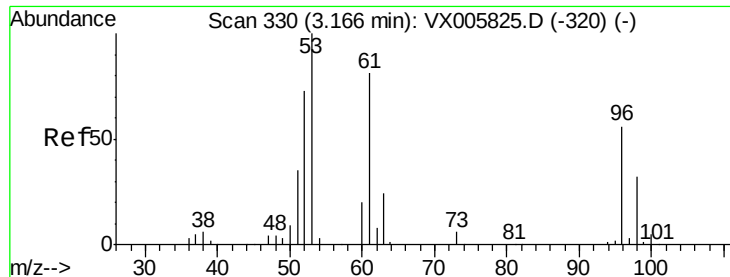


#20

Methylene Chloride
 Concen: 48.288 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion: 84 Resp: 49663
 Ion Ratio Lower Upper
 84 100
 49 114.8 109.5 164.3
 51 36.3 33.3 49.9
 86 55.8 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 47.001 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

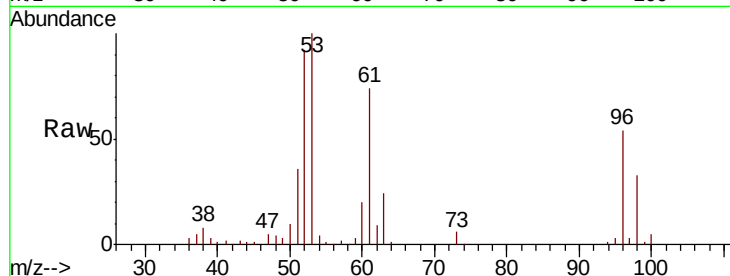
Tot Ion: 96 Resp: 44322

Ion Ratio Lower Upper

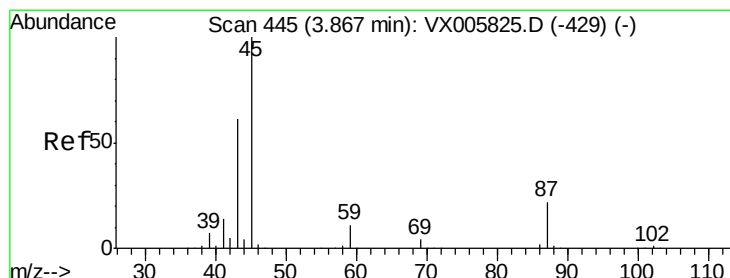
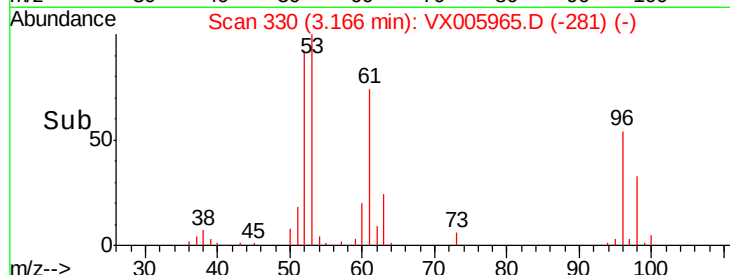
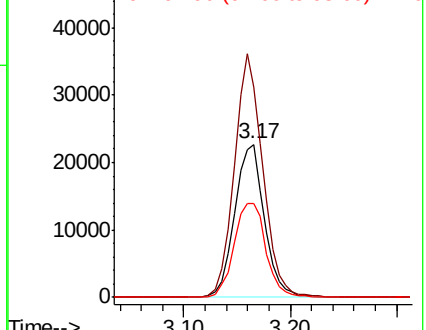
96 100

61 137.5 115.6 173.4

98 61.4 50.2 75.2



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



#22

Diisopropyl ether

Concen: 49.354 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Tgt Ion: 45 Resp: 172636

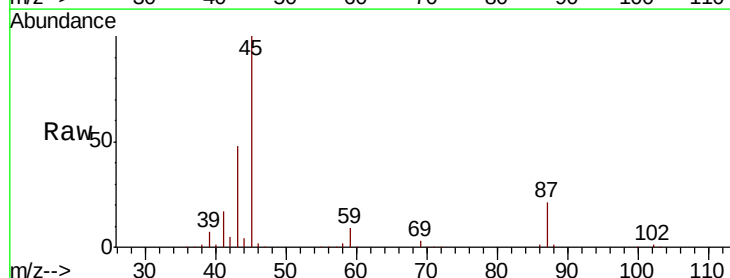
Ion Ratio Lower Upper

45 100

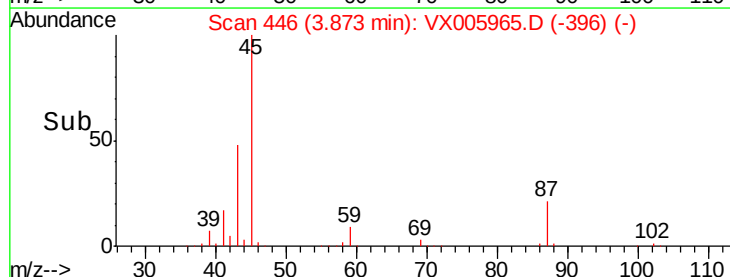
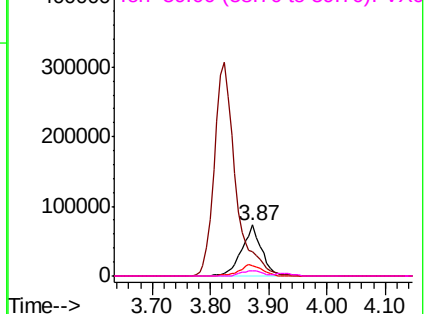
43 47.6 47.4 71.2

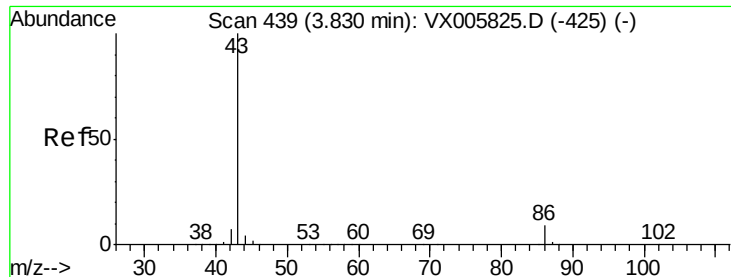
87 20.8 15.9 23.9

59 9.0 7.7 11.5



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: 256.658 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

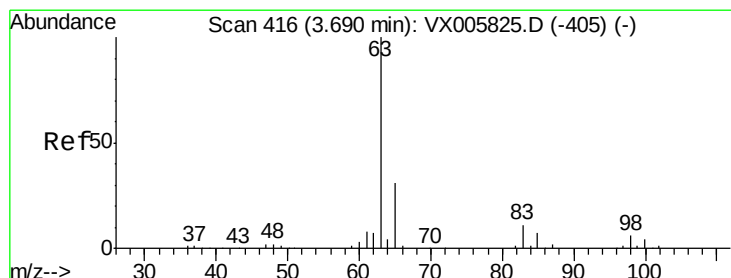
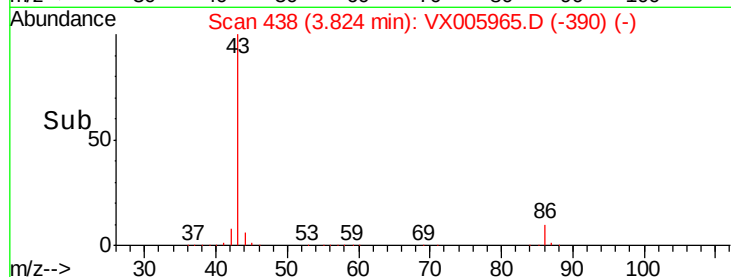
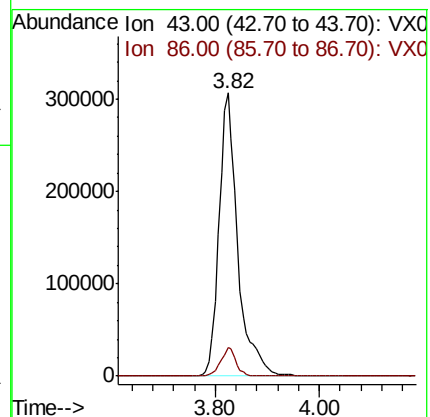
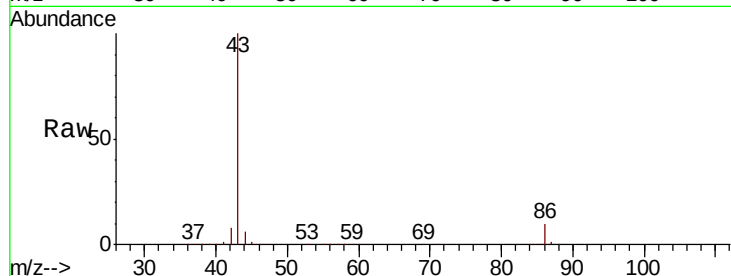
VSTDCCC050EC

Tot Ion: 43 Resp: 769763

Ion Ratio Lower Upper

43 100

86 10.3 7.4 11.2



#24

1,1-Dichloroethane

Concen: 49.629 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

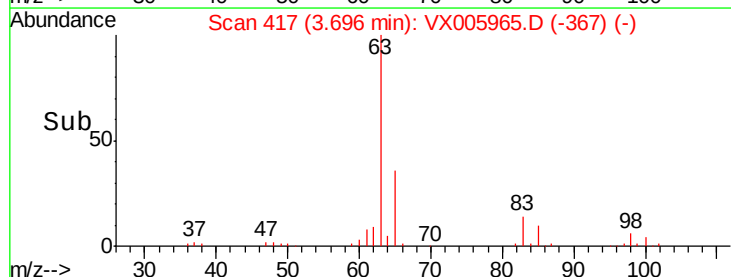
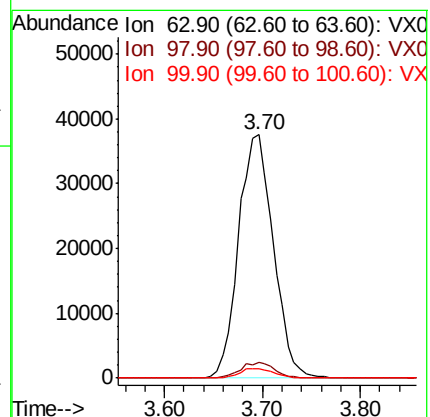
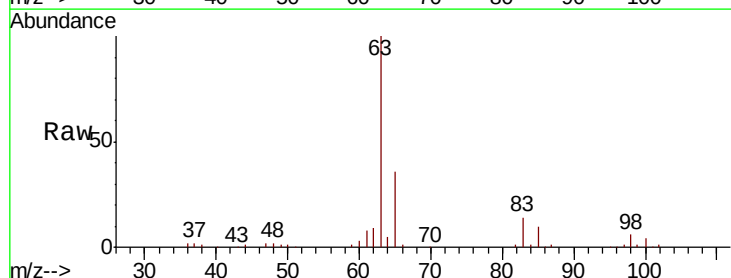
Tgt Ion: 63 Resp: 92618

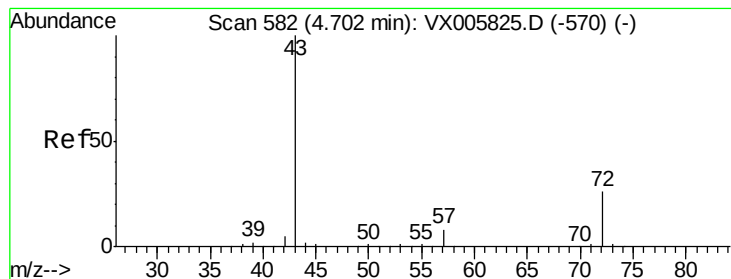
Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 4.0 2.1 6.2





#25

2-Butanone

Concen: 264.682 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

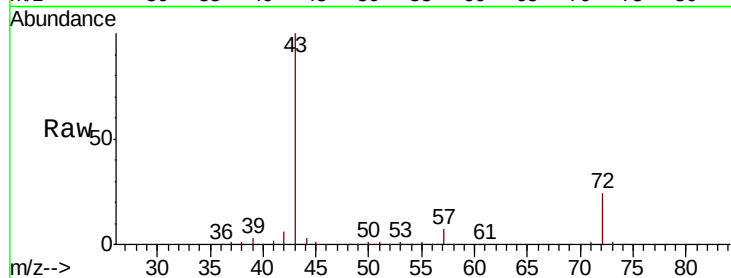
VSTDCCC050EC

Tot Ion: 43 Resp: 260538

Ion Ratio Lower Upper

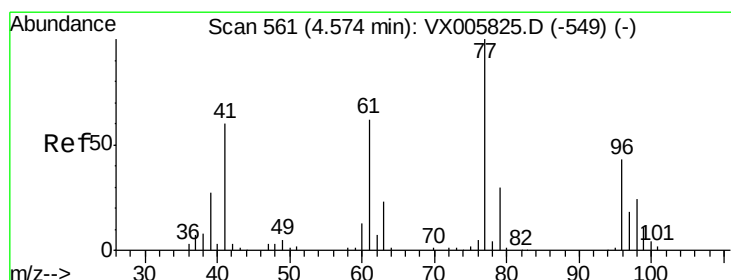
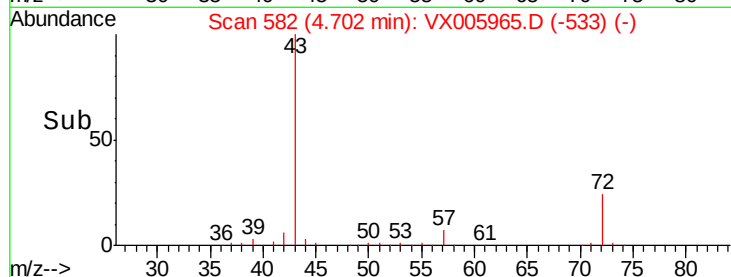
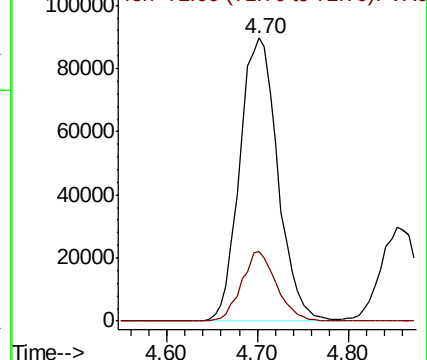
43 100

72 24.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 44.699 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005965.D

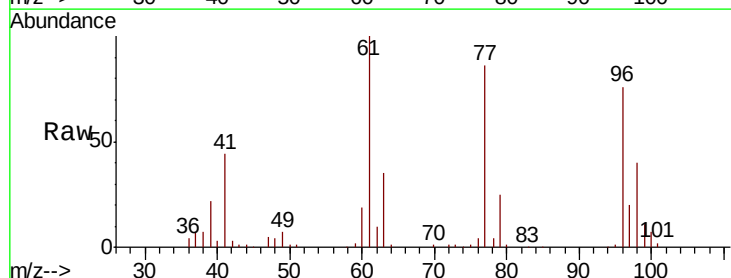
Acq: 13 Nov 2018 22:34

Tgt Ion: 77 Resp: 61191

Ion Ratio Lower Upper

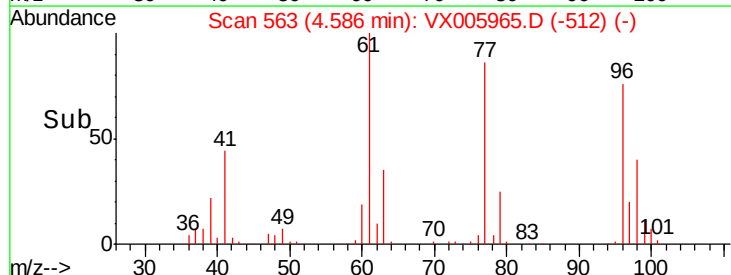
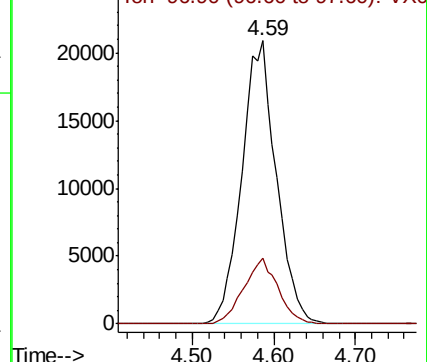
77 100

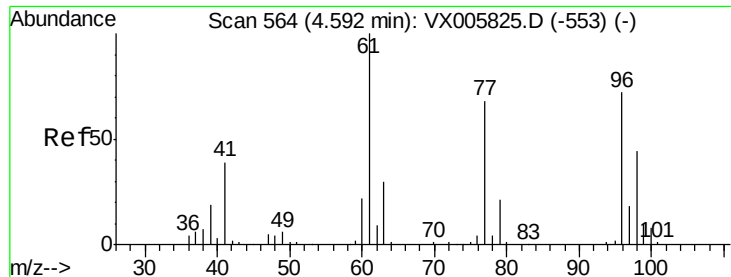
97 23.0 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



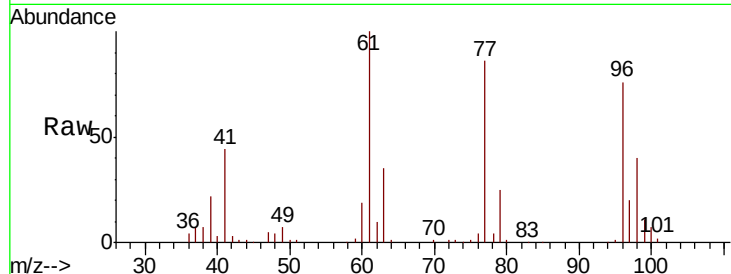


#27

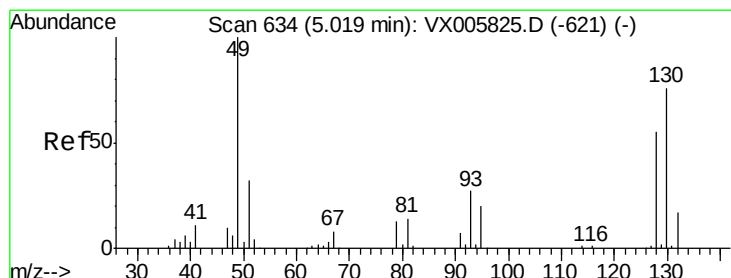
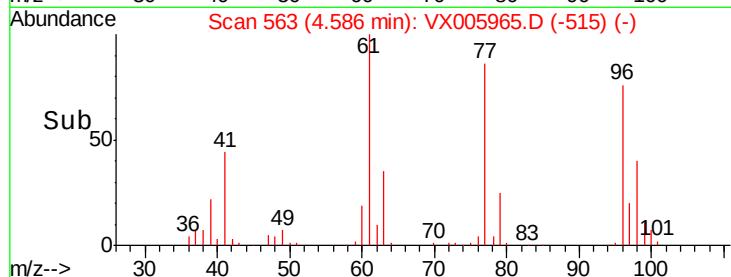
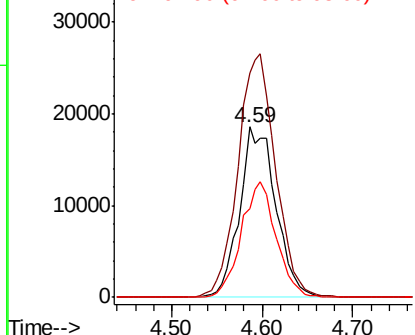
cis-1,2-Dichloroethene
Concen: 48.954 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.01 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 50974
Ion Ratio Lower Upper
96 100
61 149.0 0.0 304.6
98 65.5 0.0 127.4



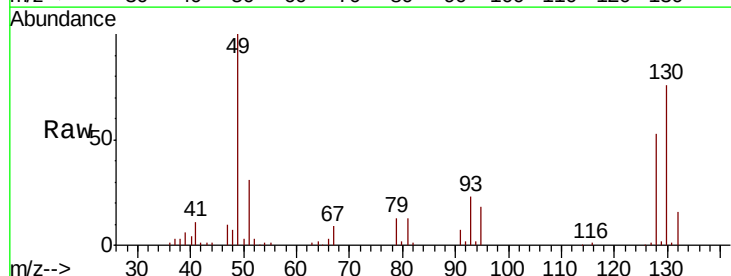
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



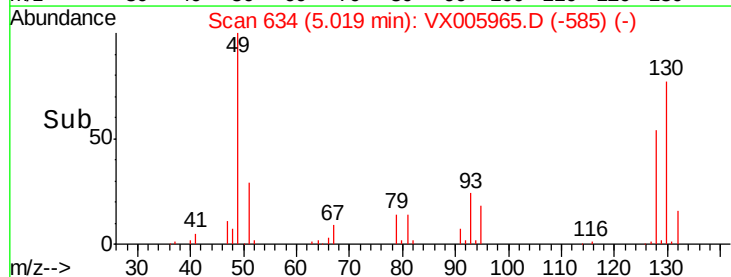
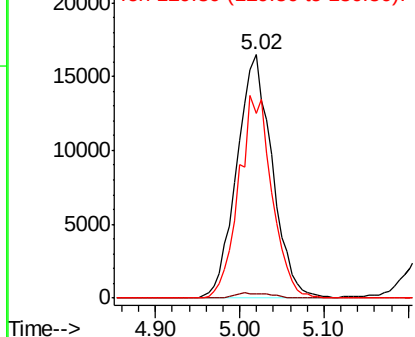
#28

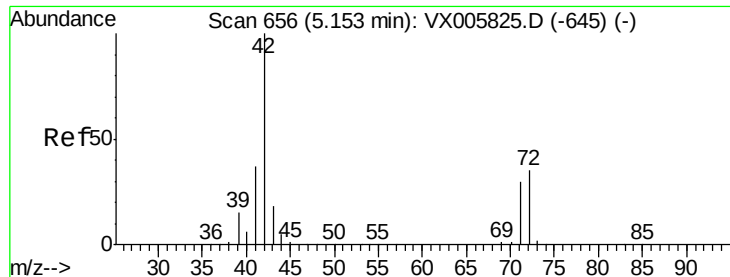
Bromochloromethane
Concen: 56.243 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion: 49 Resp: 46909
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 77.9 58.9 88.3



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

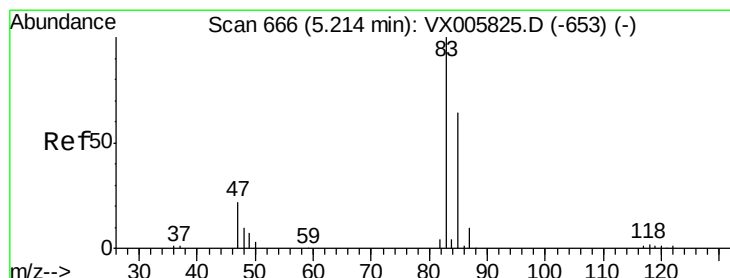
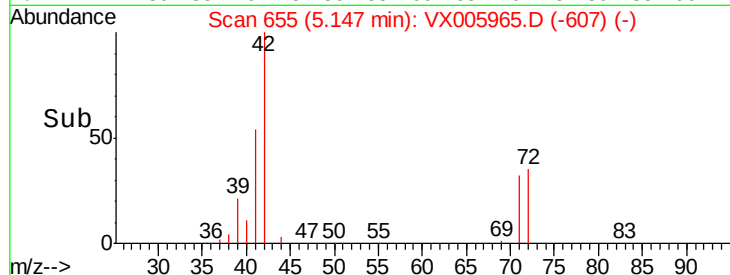
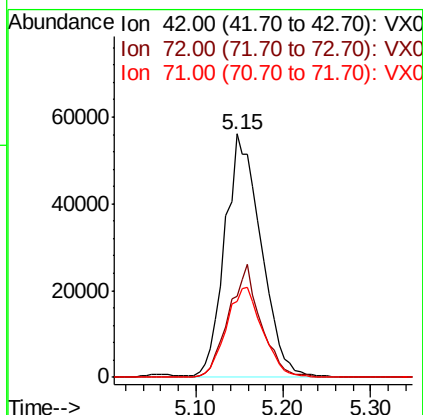
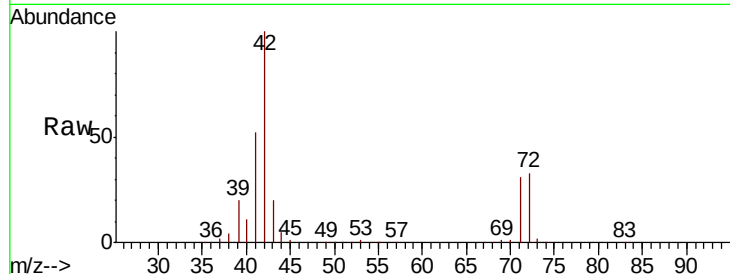




#29
Tetrahydrofuran
Concen: 254.177 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

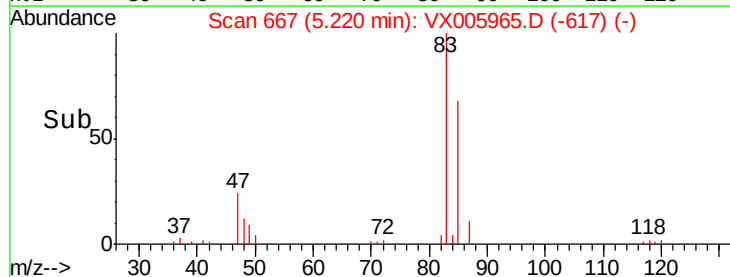
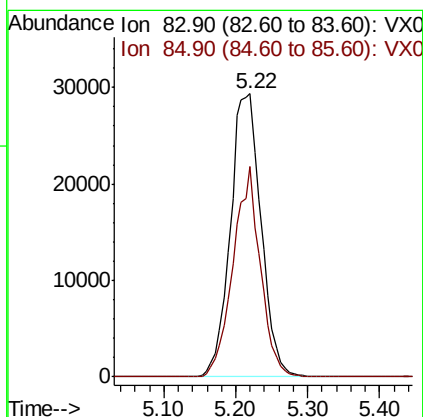
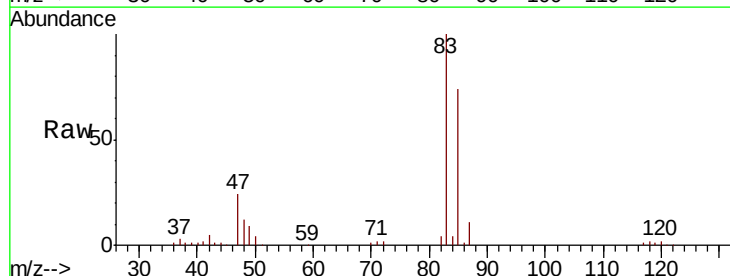
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

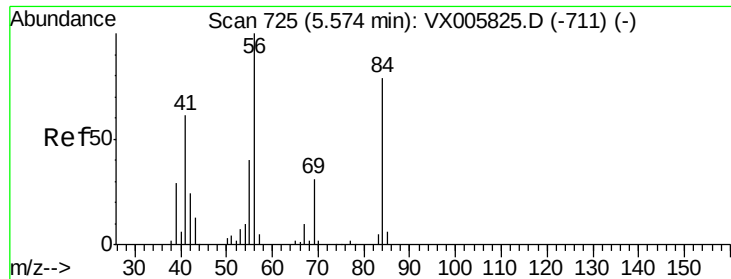
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	32.0	48.0
71	37.5	29.8	44.8



#30
Chloroform
Concen: 48.466 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	74.2	50.6	76.0

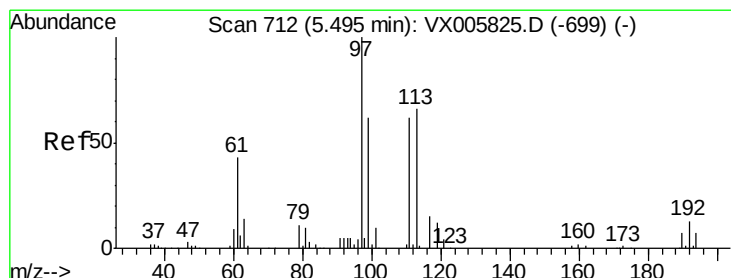
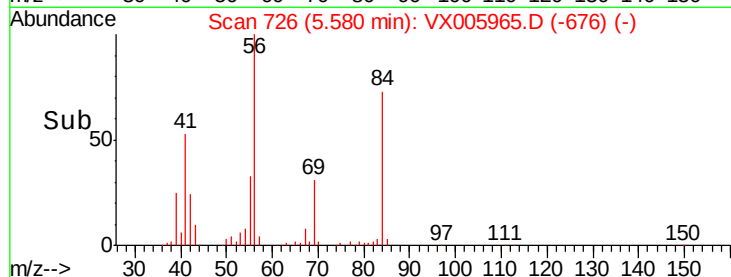
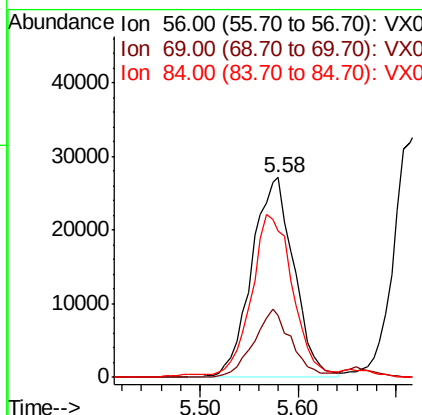
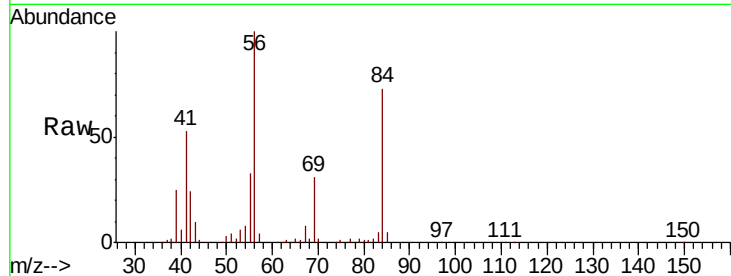




#31
Cyclohexane
Concen: 50.150 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

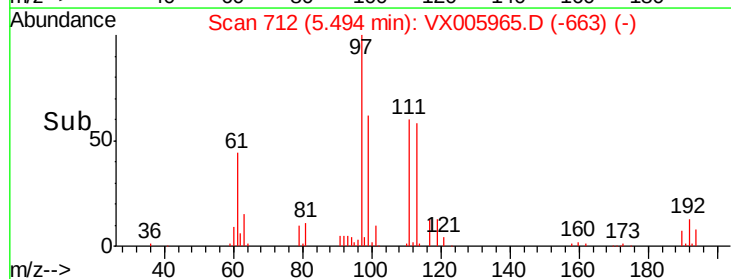
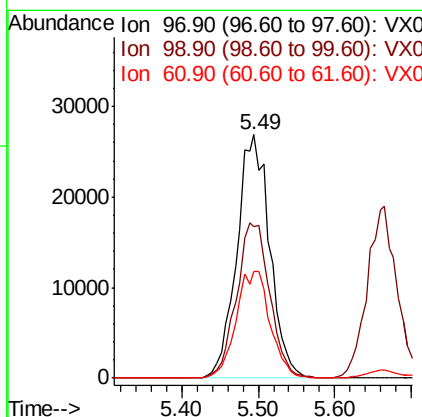
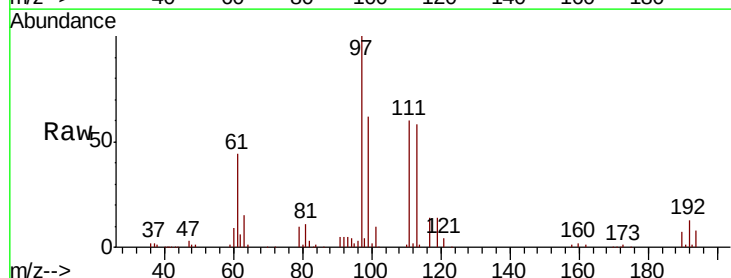
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

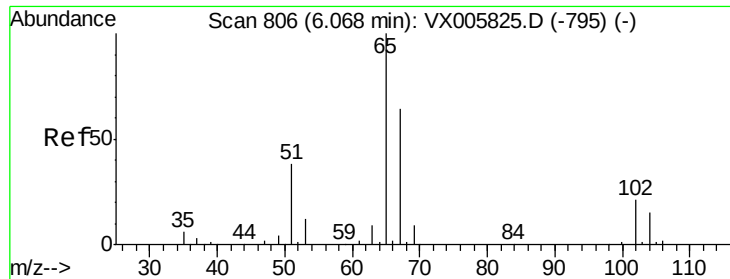
Tot Ion: 56 Resp: 81241
Ion Ratio Lower Upper
56 100
69 30.9 22.6 34.0
84 71.2 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 53.228 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion: 97 Resp: 79937
Ion Ratio Lower Upper
97 100
99 64.6 52.3 78.5
61 45.6 35.2 52.8

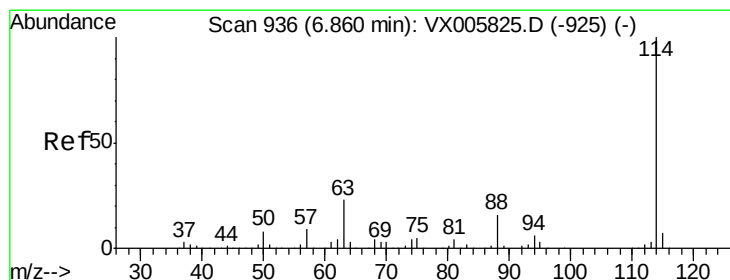
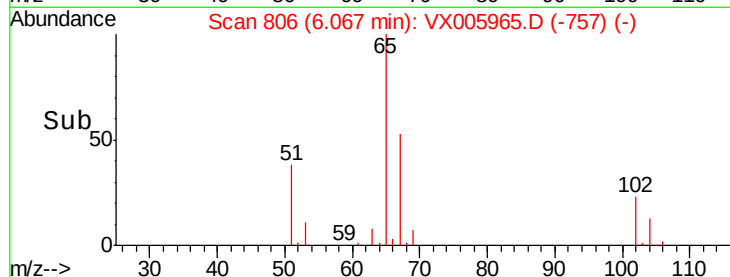
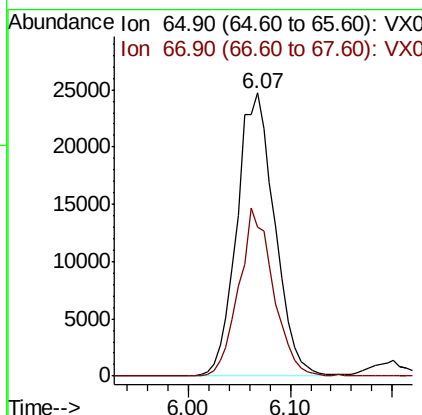
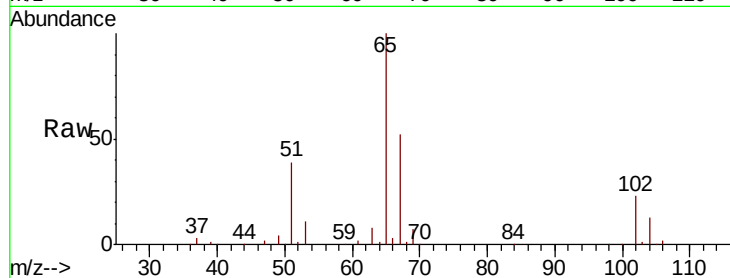




#33
 1,2-Dichloroethane-d4
 Concen: 54.729 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

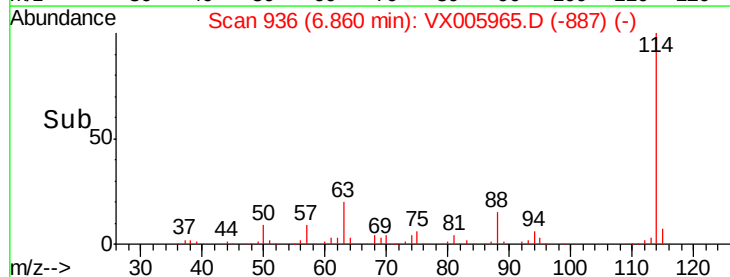
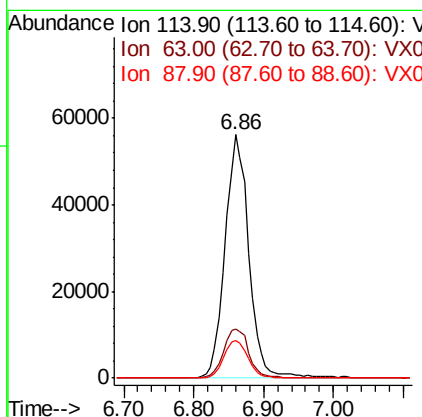
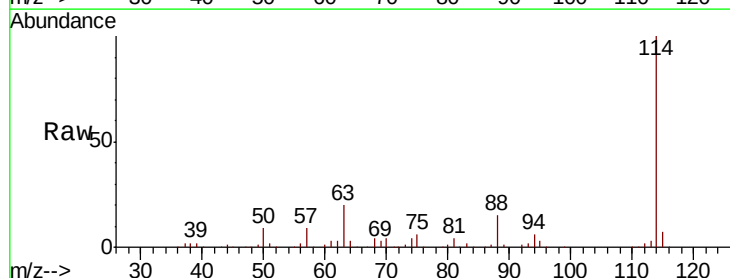
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

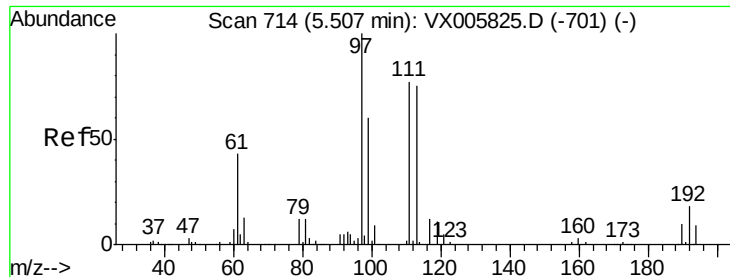
Tot Ion: 65 Resp: 63642
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion:114 Resp: 133144
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.8
 88 15.2 0.0 31.2

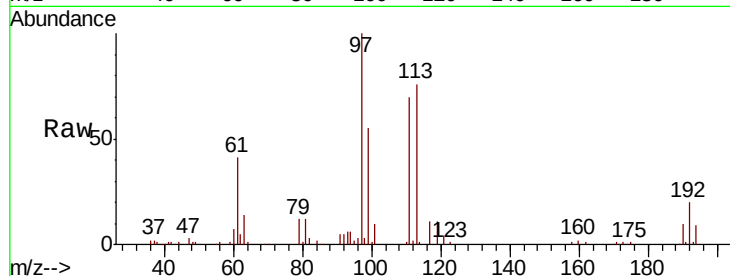




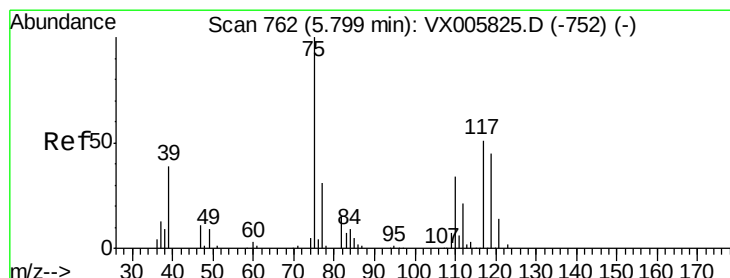
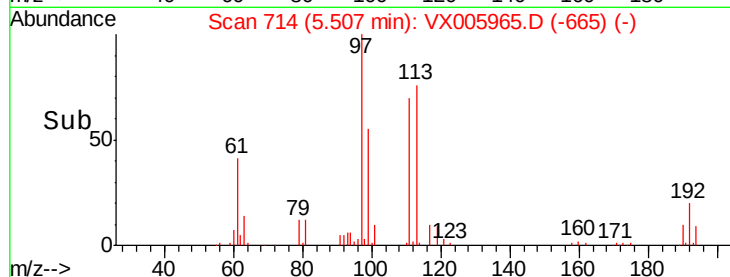
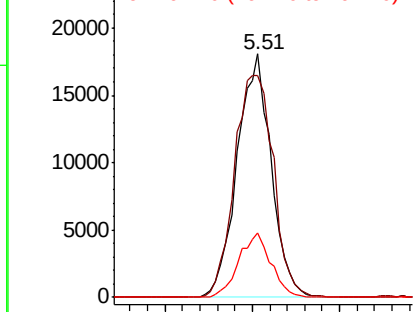
#35
 Dibromofluoromethane
 Concen: 53.902 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 48813
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.3 123.5
 192 24.8 17.9 26.9

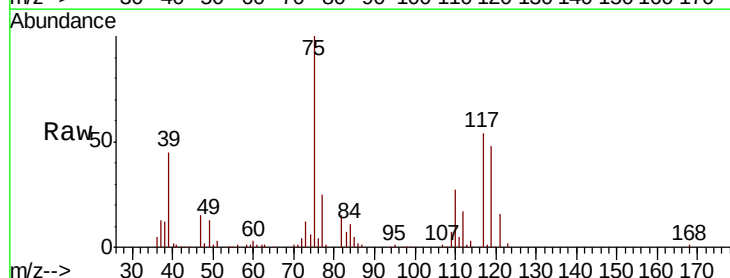


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

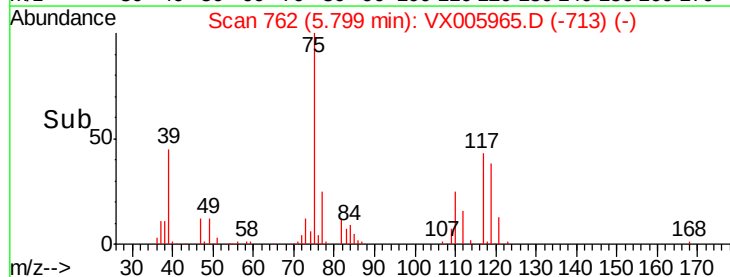
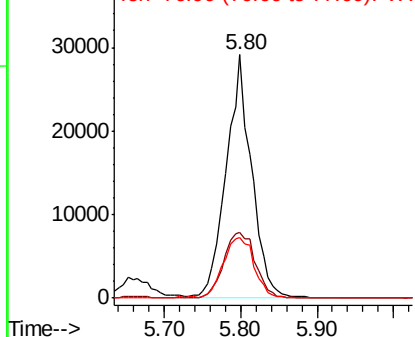


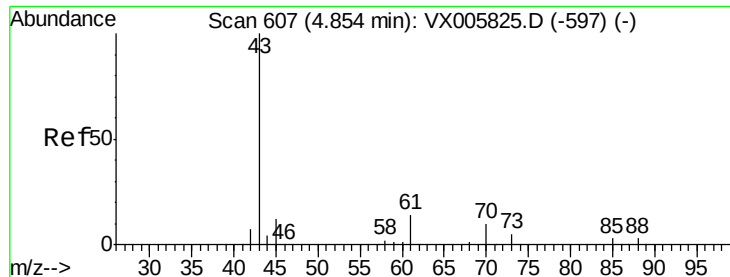
#36
 1,1-Dichloropropene
 Concen: 51.561 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion: 75 Resp: 66181
 Ion Ratio Lower Upper
 75 100
 110 34.0 17.4 52.2
 77 31.4 25.8 38.6



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: 52.148 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

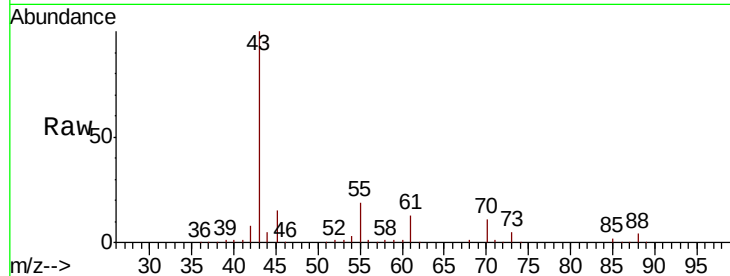
Tot Ion: 43 Resp: 88020

Ion Ratio Lower Upper

43 100

61 13.3 10.8 16.2

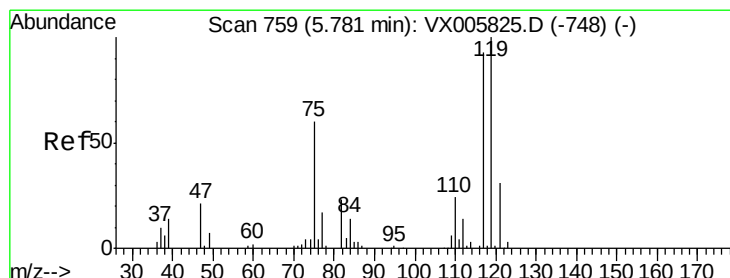
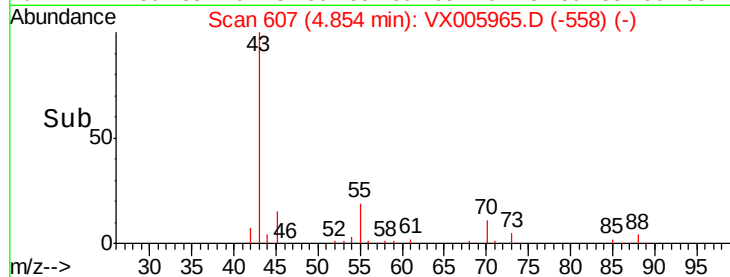
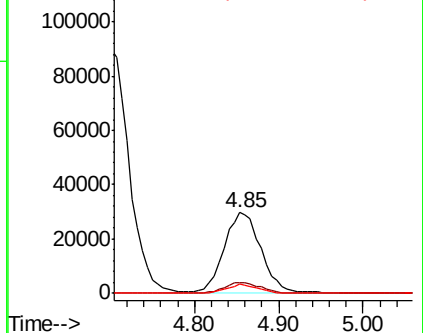
70 9.5 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 53.613 ug/l

RT: 5.77 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

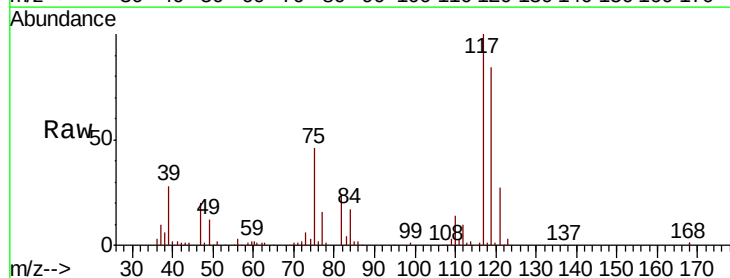
Tgt Ion: 117 Resp: 68891

Ion Ratio Lower Upper

117 100

119 84.2 78.1 117.1

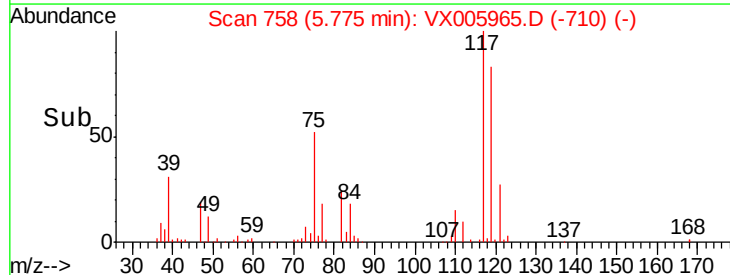
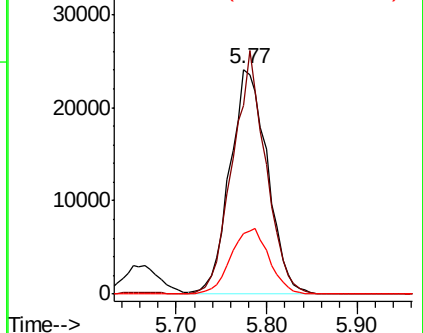
121 27.1 24.6 36.8

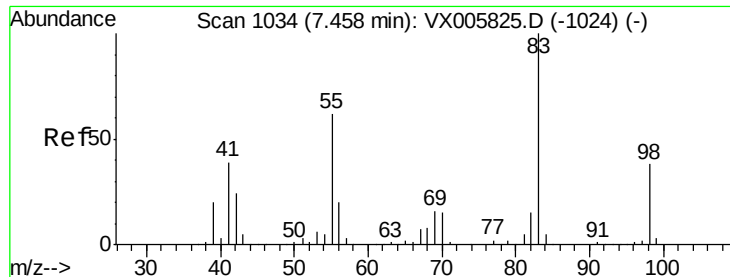


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

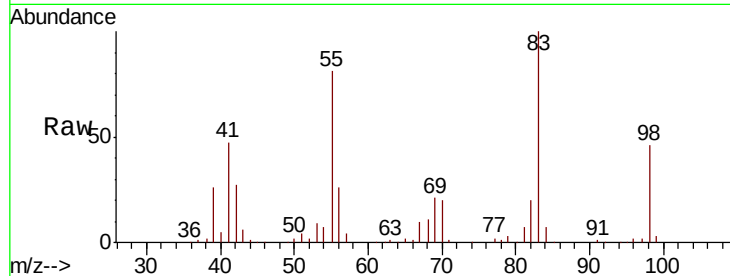




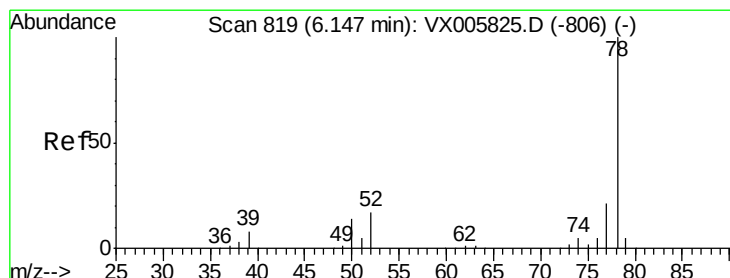
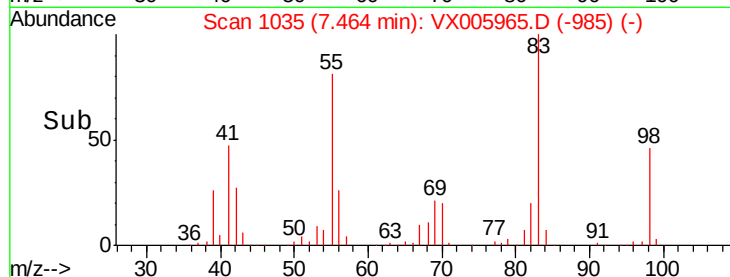
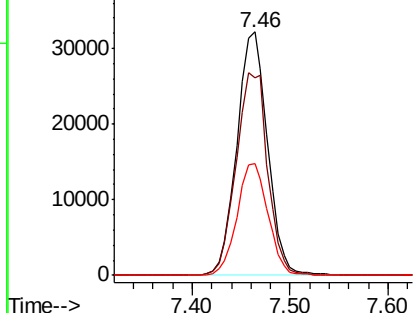
#39
Methylvlcyclohexane
Concen: 54.002 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 70252
Ion Ratio Lower Upper
83 100
55 81.0 63.7 95.5
98 45.8 36.2 54.2

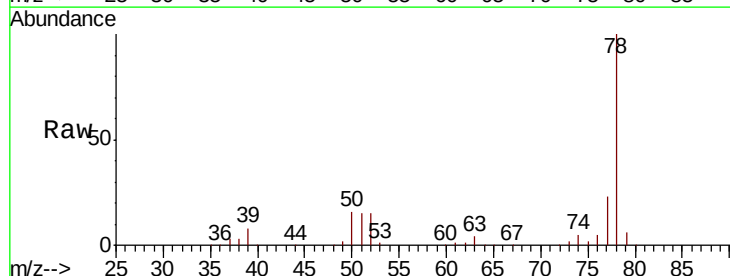


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

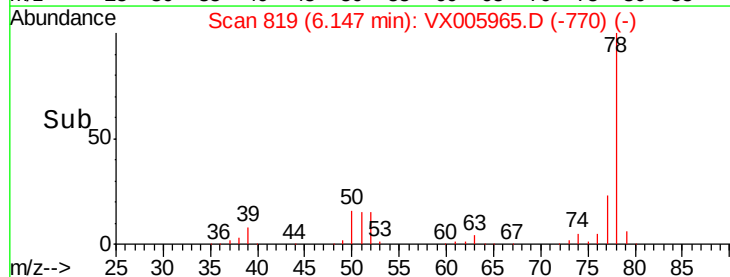
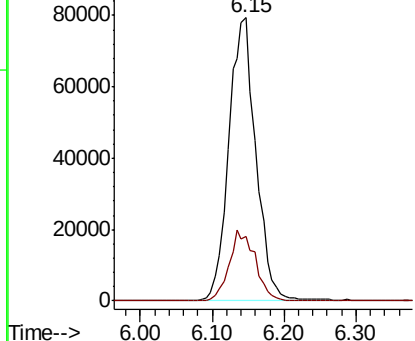


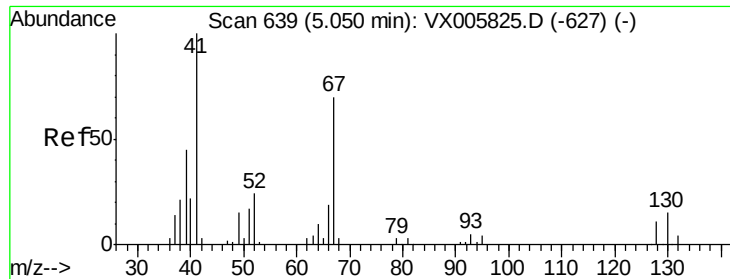
#40
Benzene
Concen: 55.413 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion: 78 Resp: 207345
Ion Ratio Lower Upper
78 100
77 22.9 18.4 27.6



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

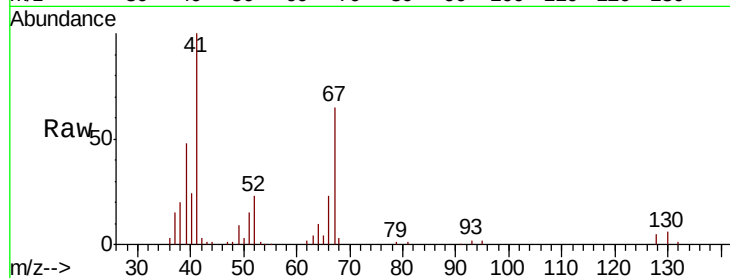




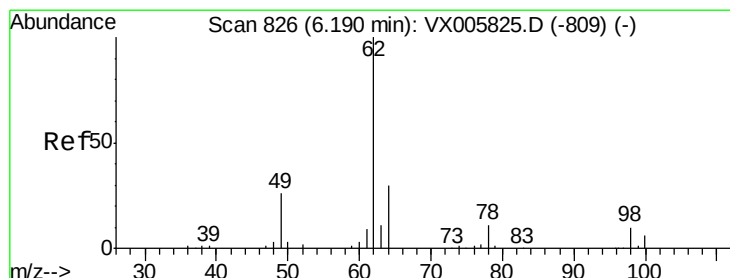
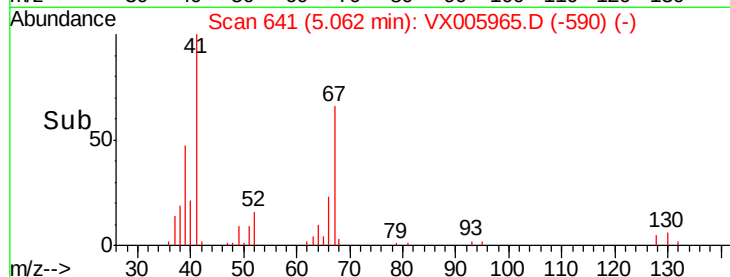
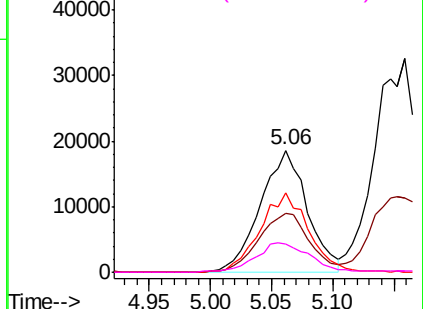
#41
Methacrylonitrile
Concen: 54.424 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	49637
Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.2	63.2
67	67.8	53.4	80.0
52	27.7	23.4	35.2

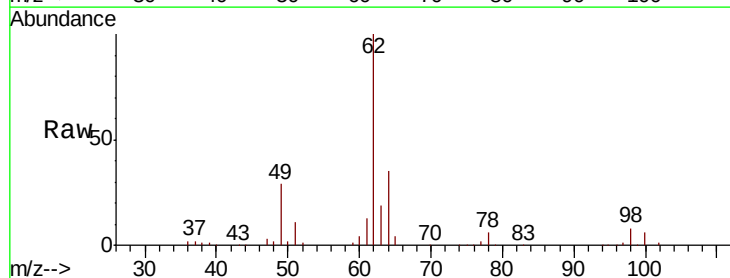


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

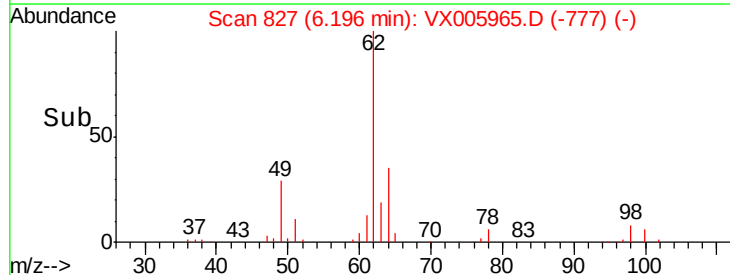
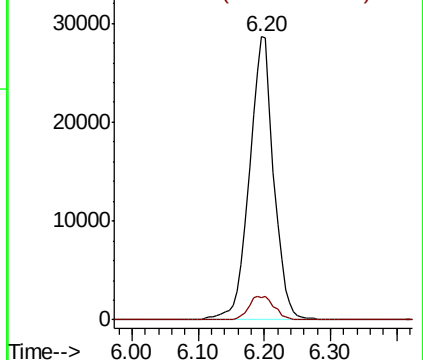


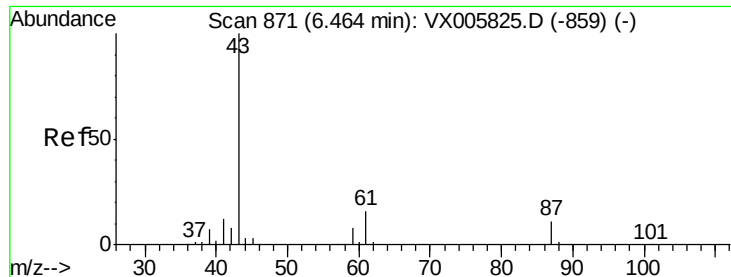
#42
1,2-Dichloroethane
Concen: 54.927 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion:	62	Resp:	73614
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 52.913 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

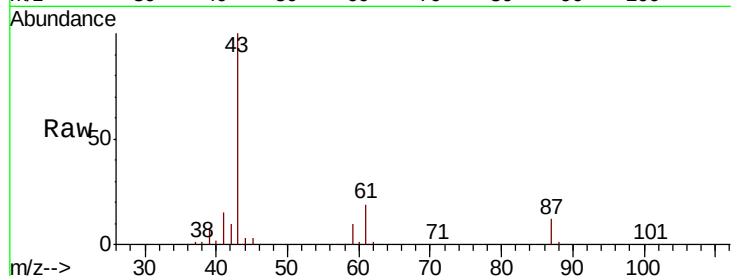
Tot Ion: 43 Resp: 129413

Ion Ratio Lower Upper

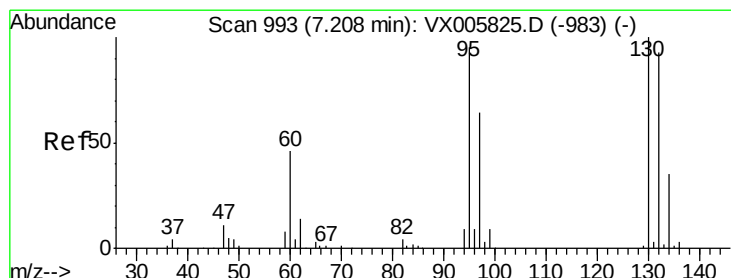
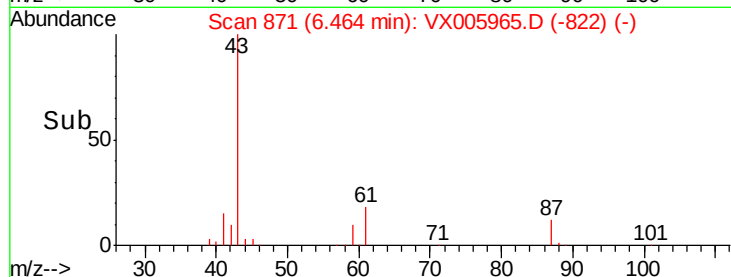
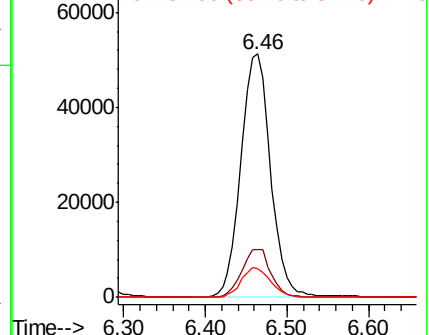
43 100

61 19.4 14.6 22.0

87 12.1 9.6 14.4



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: 52.532 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005965.D

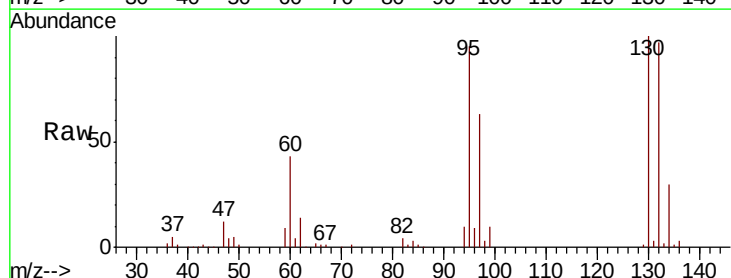
Acq: 13 Nov 2018 22:34

Tgt Ion:130 Resp: 49919

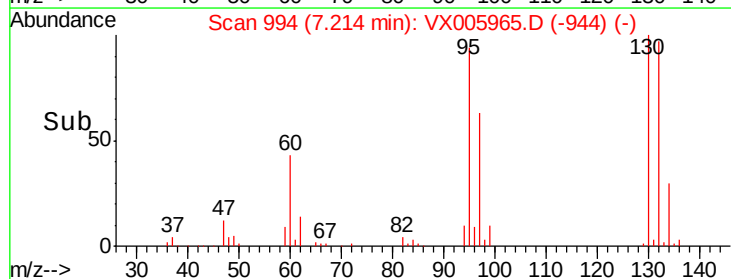
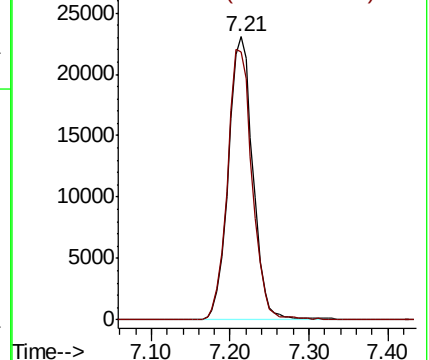
Ion Ratio Lower Upper

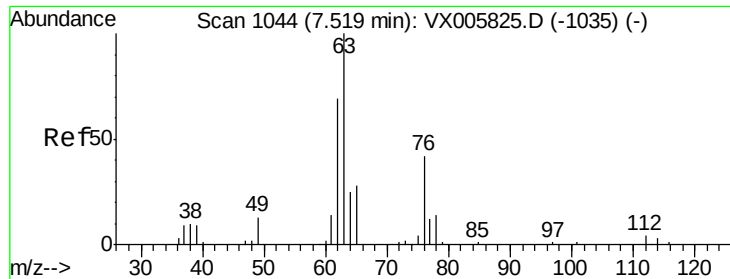
130 100

95 94.6 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

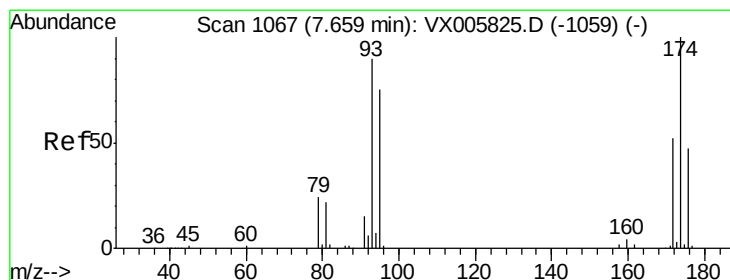
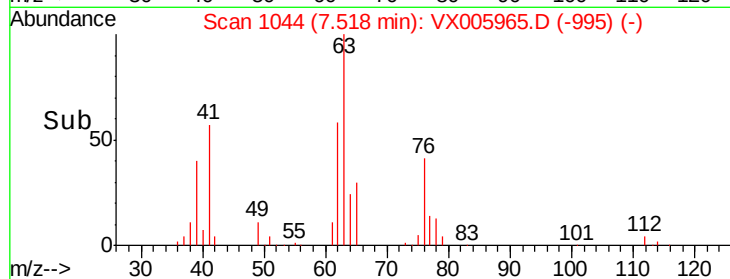
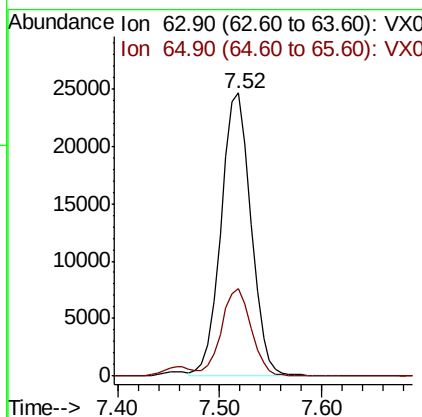
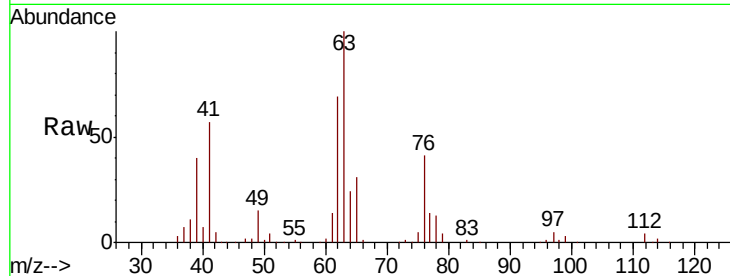




#45
 1,2-Dichloropropane
 Concen: 55.420 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

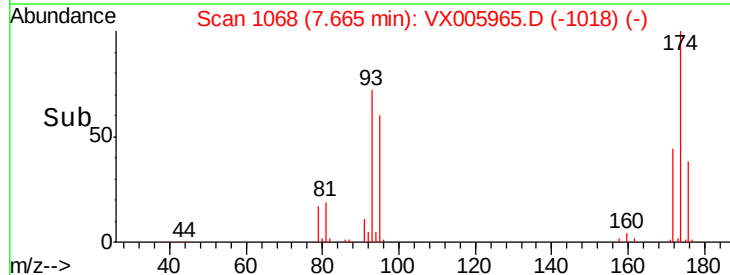
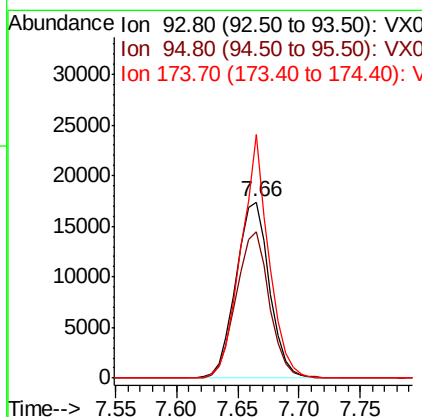
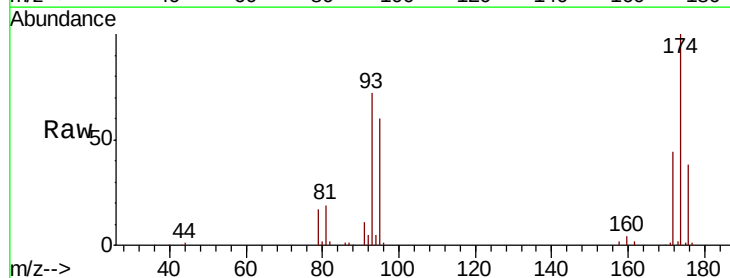
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

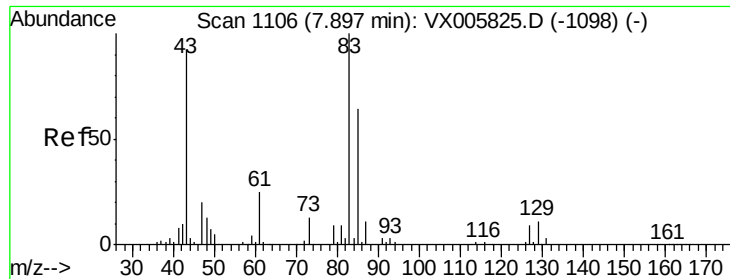
Tot Ion: 63 Resp: 50333
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.8 37.2



#46
 Dibromomethane
 Concen: 57.850 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion: 93 Resp: 32969
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.4 101.0
 174 114.8 91.5 137.3





#47

Bromodichloromethane

Concen: 59.856 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

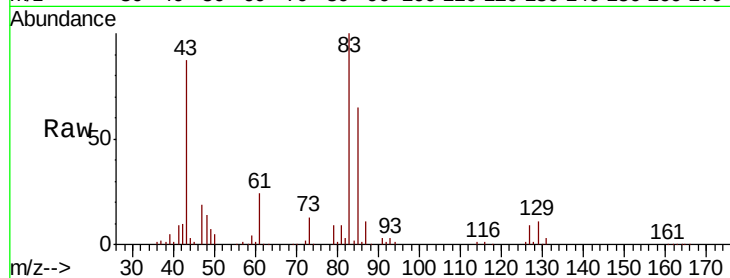
Tot Ion: 83 Resp: 64468

Ion Ratio Lower Upper

83 100

85 64.7 50.2 75.4

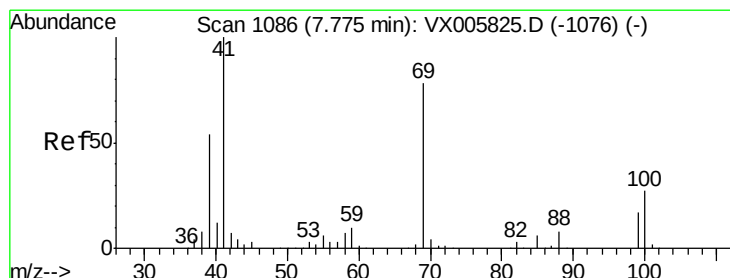
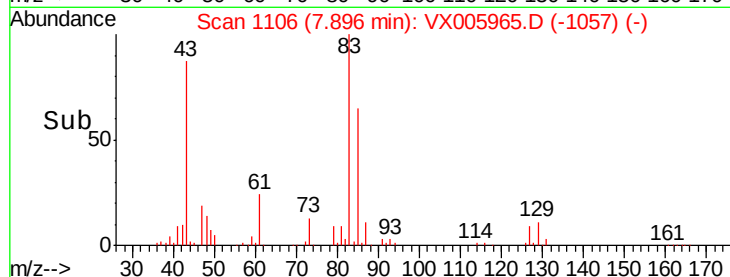
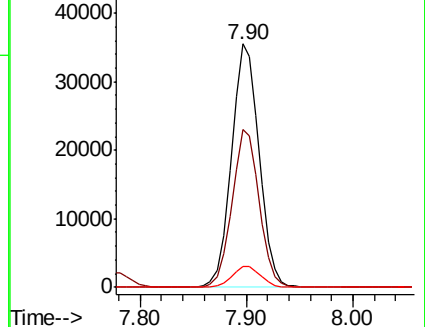
127 8.7 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 60.508 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

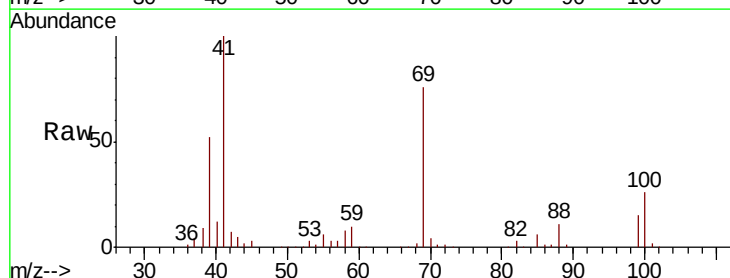
Tgt Ion: 41 Resp: 66450

Ion Ratio Lower Upper

41 100

69 76.2 63.2 94.8

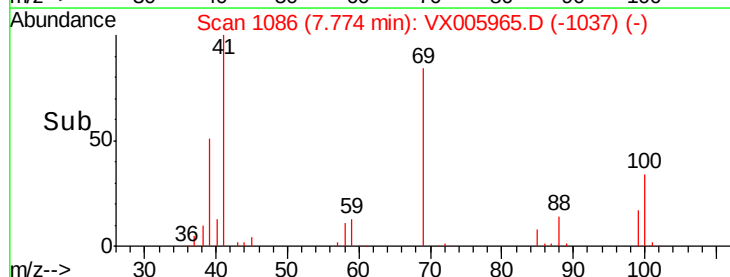
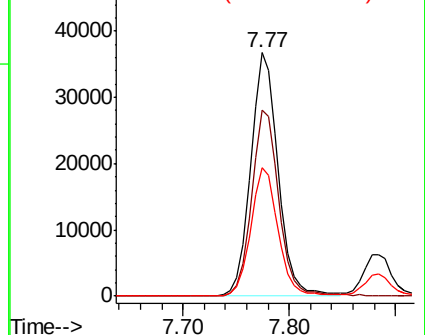
39 52.8 42.2 63.2

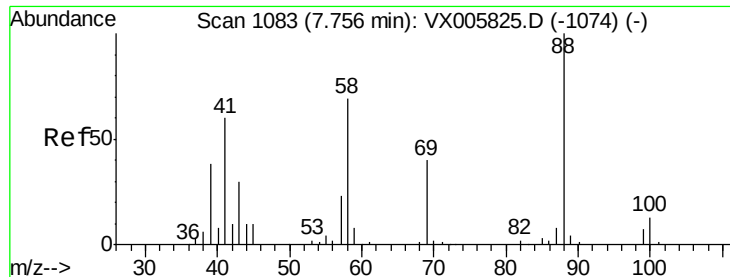


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

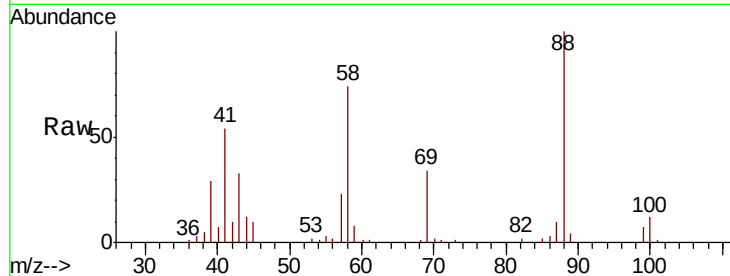




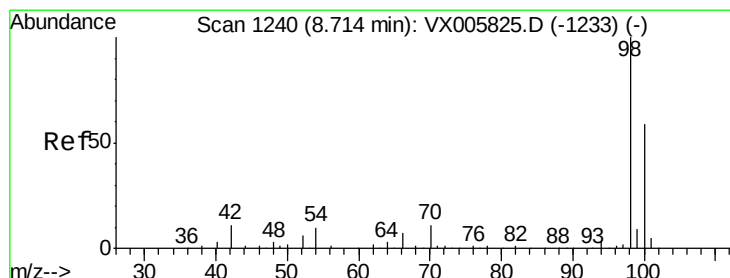
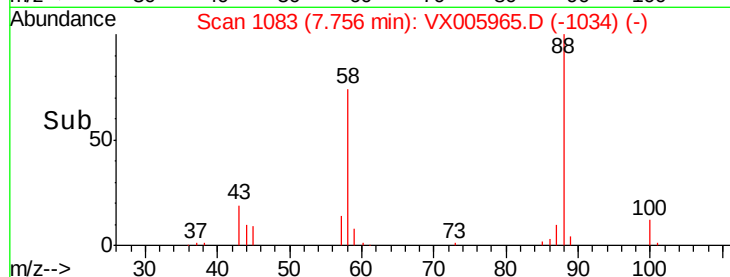
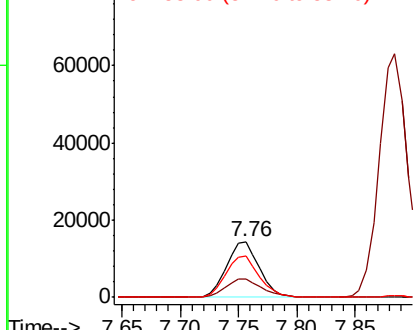
#49
1,4-Dioxane
Concen: 1180.292 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 27931
Ion Ratio Lower Upper
88 100
43 35.6 27.4 41.0
58 76.2 59.4 89.2

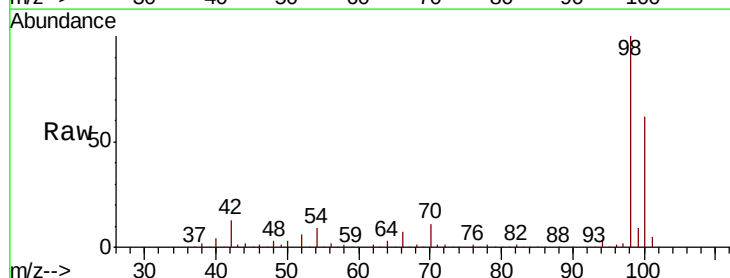


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

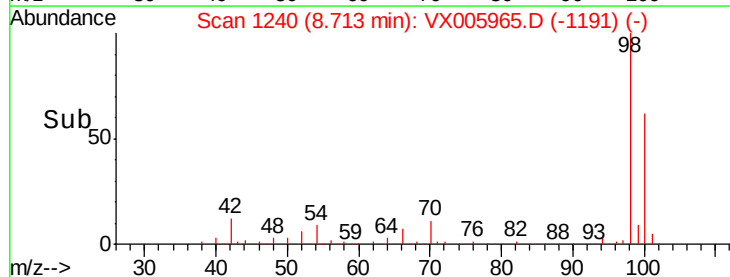
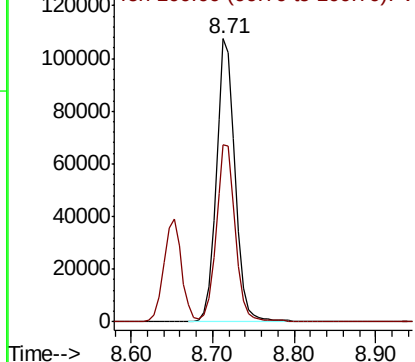


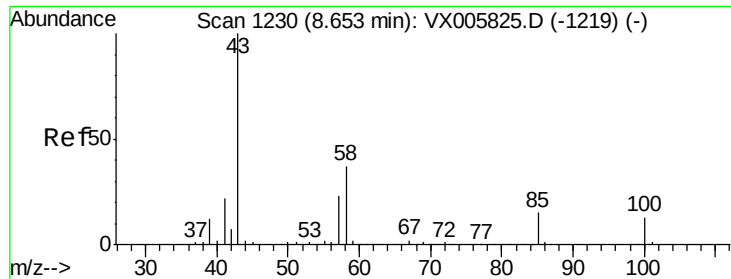
#50
Toluene-d8
Concen: 57.476 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion: 98 Resp: 173041
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9



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: 294.080 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

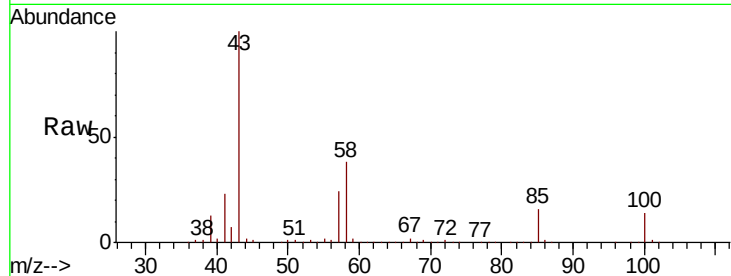
VSTDCCC050EC

Tot Ion: 43 Resp: 453300

Ion Ratio Lower Upper

43 100

58 37.0 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

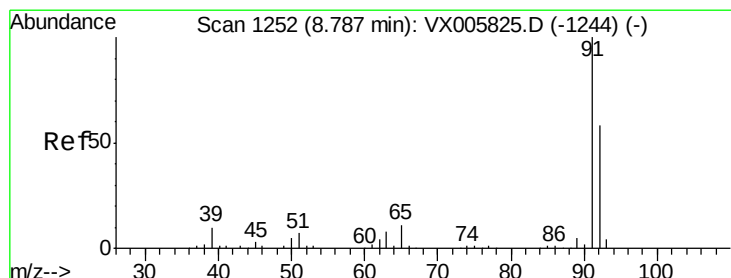
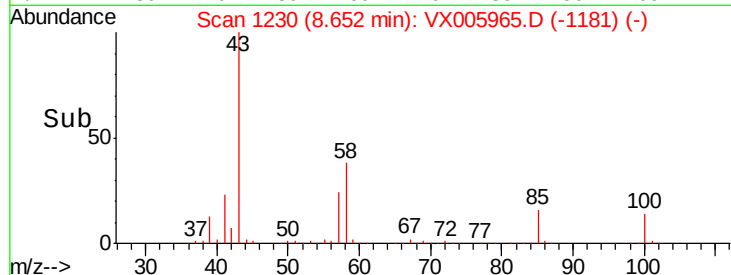
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 57.346 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005965.D

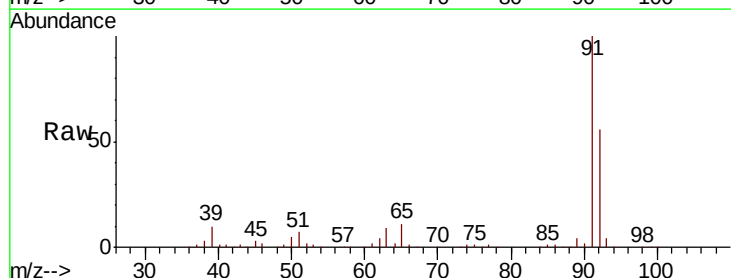
Acq: 13 Nov 2018 22:34

Tgt Ion: 92 Resp: 119925

Ion Ratio Lower Upper

92 100

91 172.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

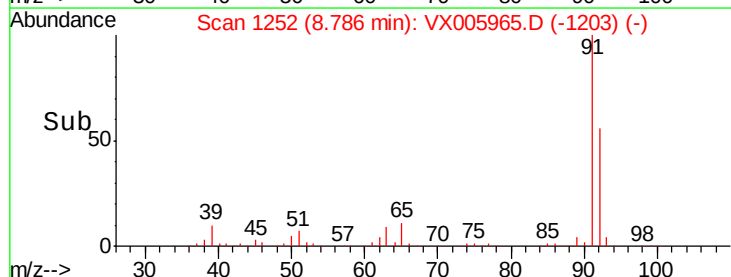
150000

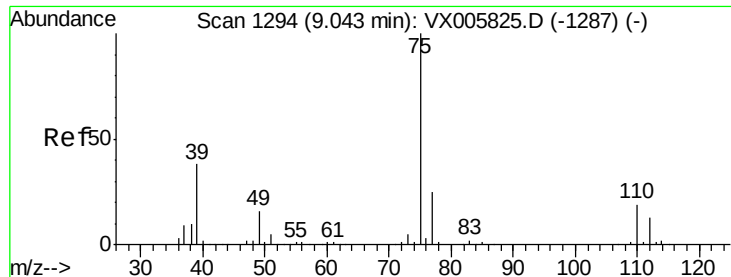
100000

50000

0

Time-->

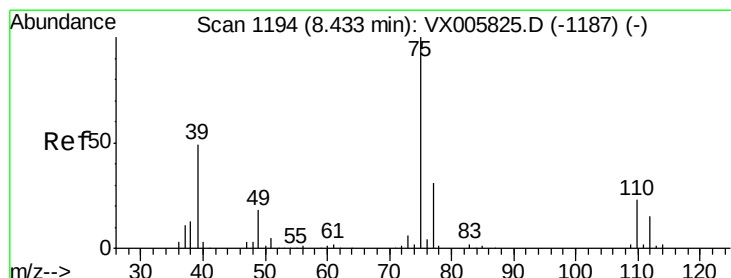
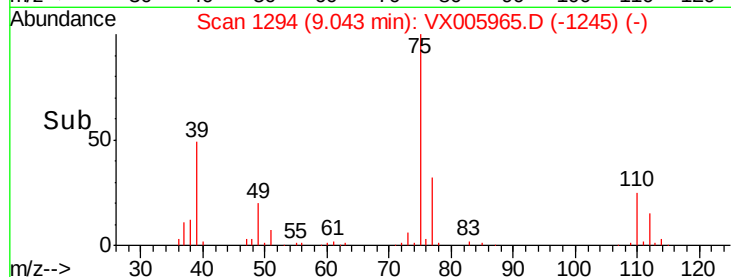
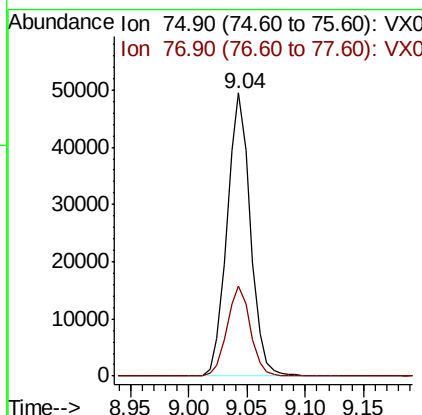
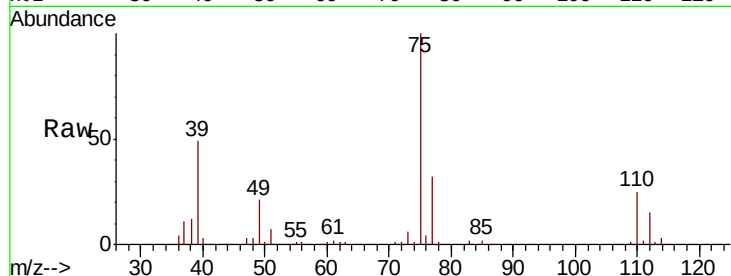




#53
 t-1,3-Dichloropropene
 Concen: 54.129 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

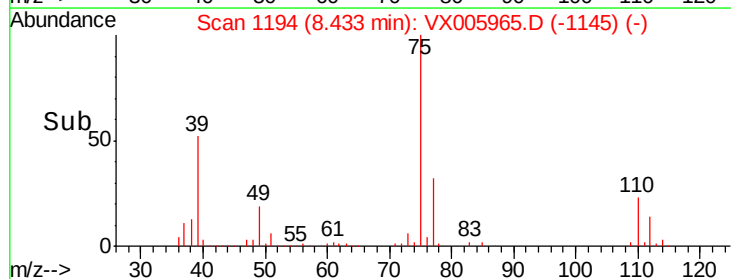
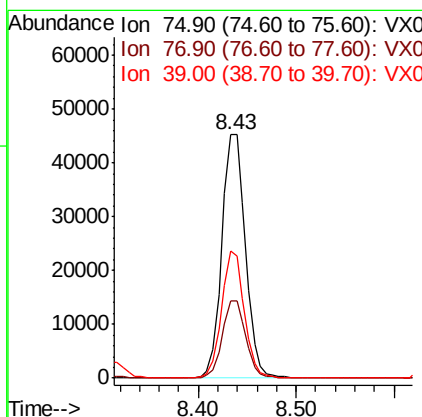
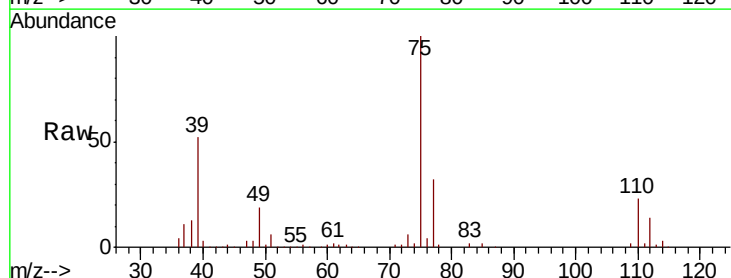
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

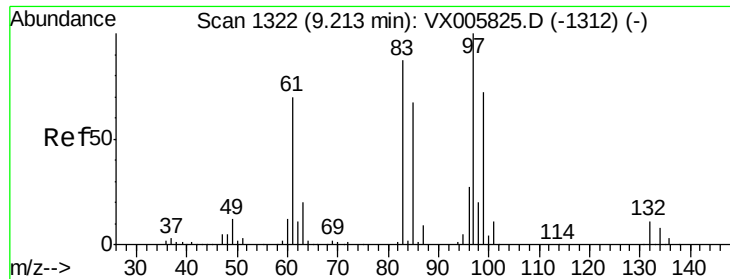
Tot Ion: 75 Resp: 68799
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 58.537 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion: 75 Resp: 75834
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.2 37.8
 39 52.1 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 51.995 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 48460

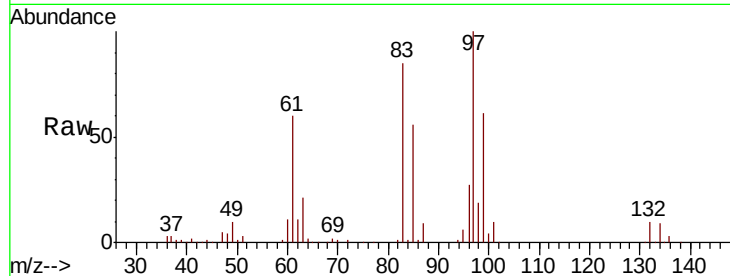
Ion Ratio Lower Upper

97 100

83 85.4 70.7 106.1

85 56.0 45.8 68.6

99 61.1 51.8 77.8

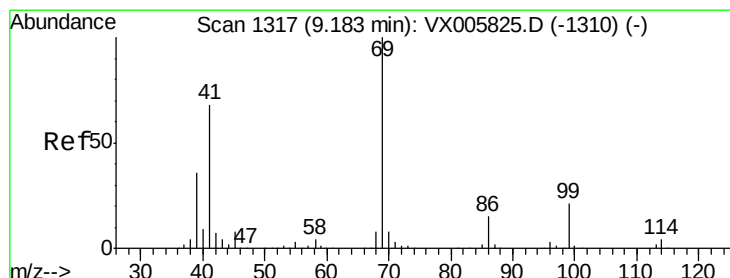
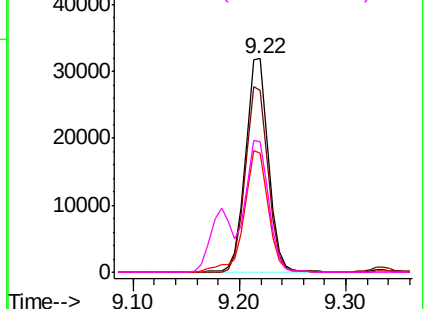
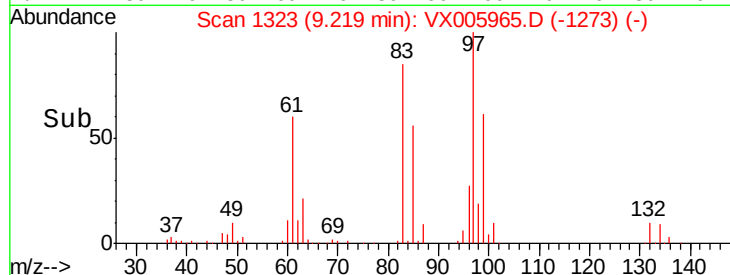


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.613 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

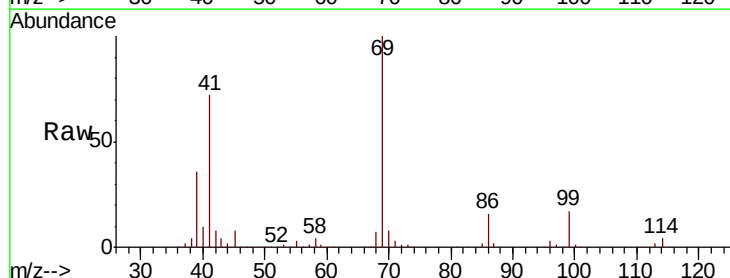
Tgt Ion: 69 Resp: 74765

Ion Ratio Lower Upper

69 100

41 73.7 57.0 85.6

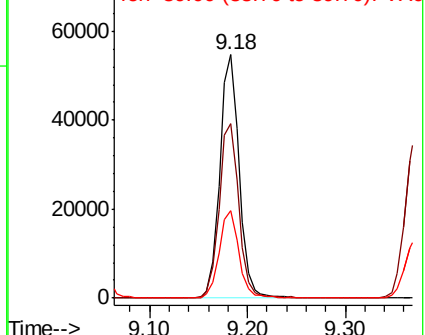
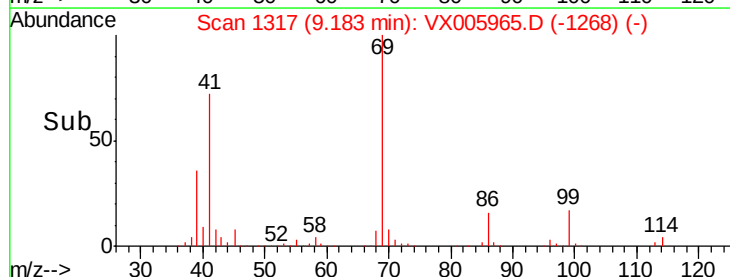
39 36.6 28.3 42.5

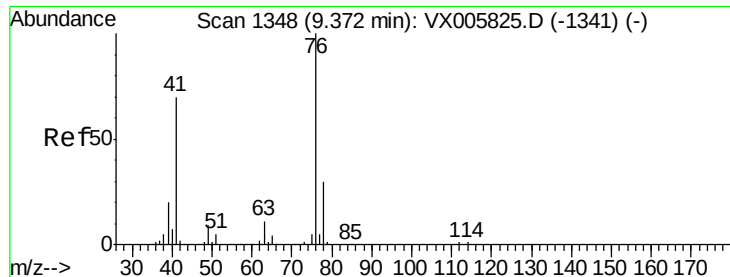


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.486 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

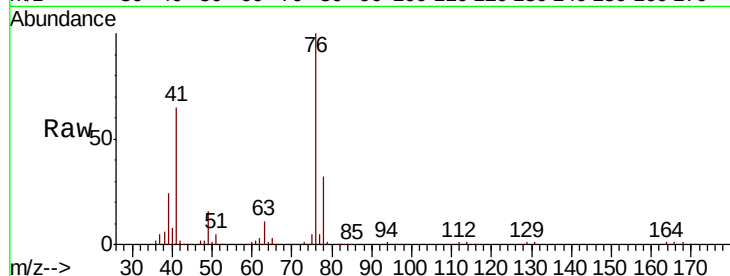
VSTDCCC050EC

Tot Ion: 76 Resp: 82206

Ion Ratio Lower Upper

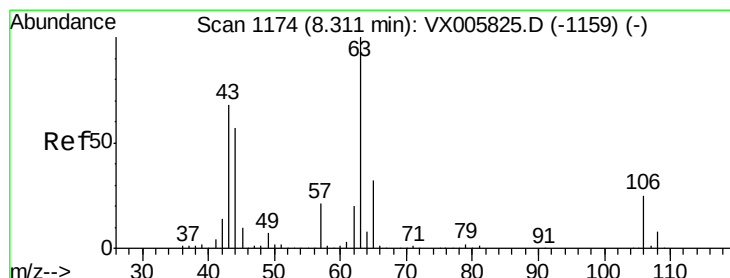
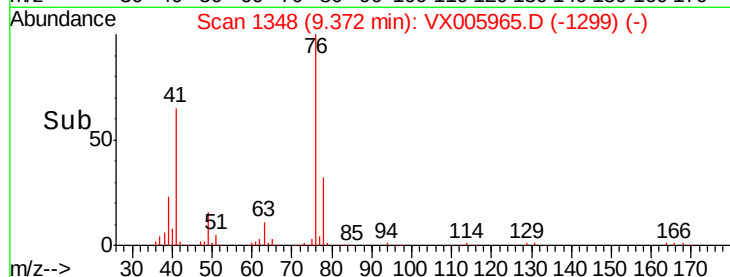
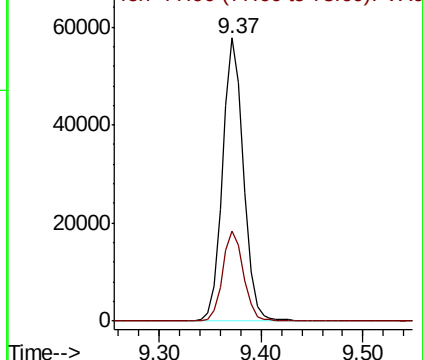
76 100

78 31.9 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 279.862 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX005965.D

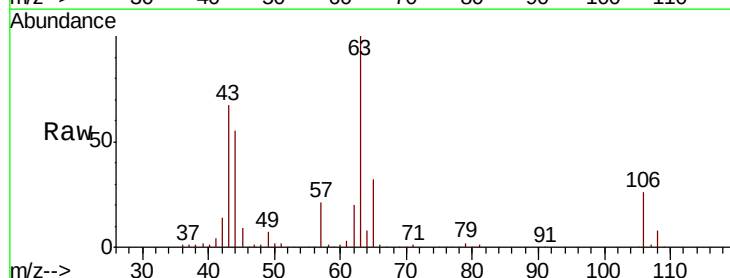
Acq: 13 Nov 2018 22:34

Tgt Ion: 63 Resp: 213441

Ion Ratio Lower Upper

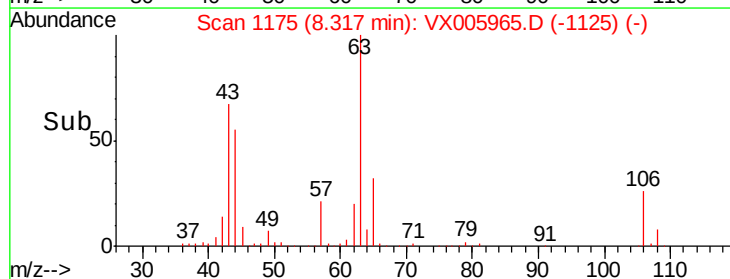
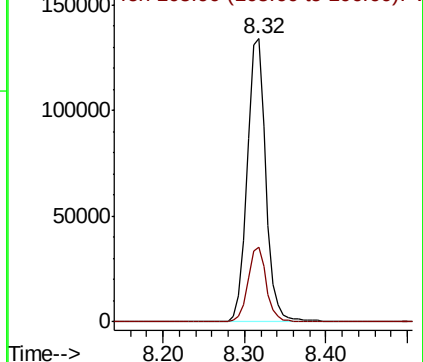
63 100

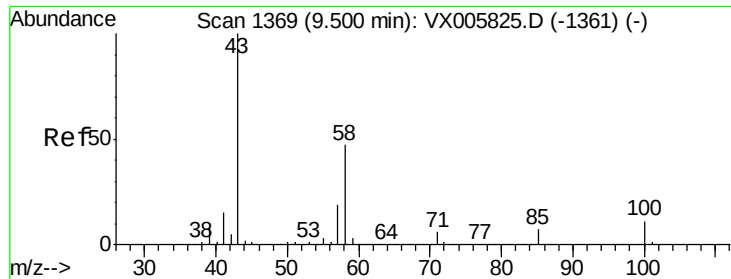
106 26.0 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

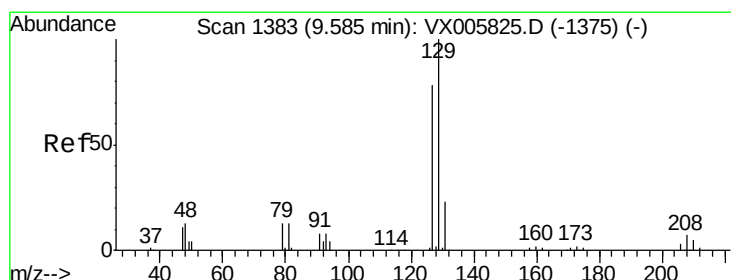
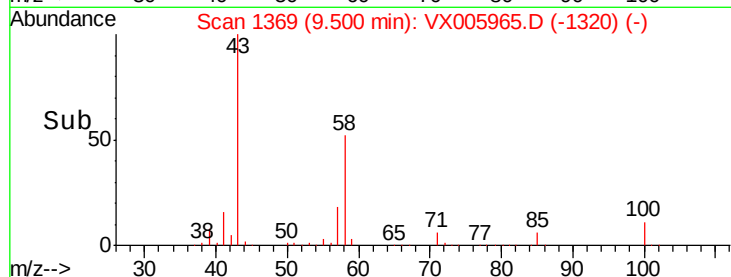
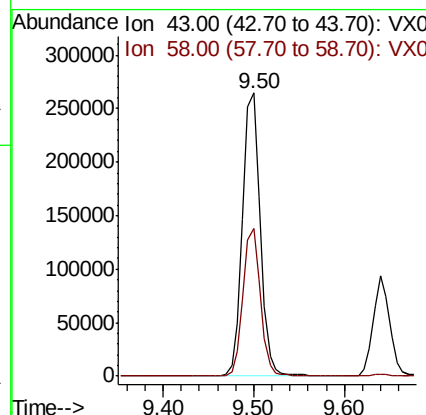
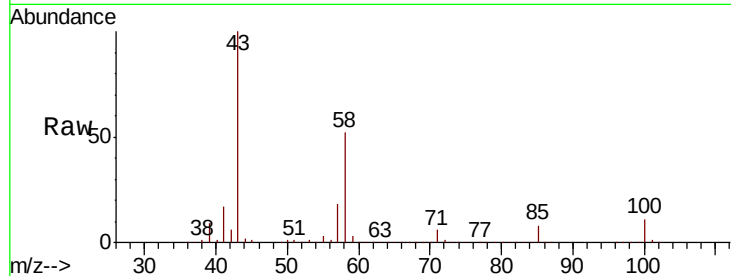




#59
2-Hexanone
Concen: 267.501 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

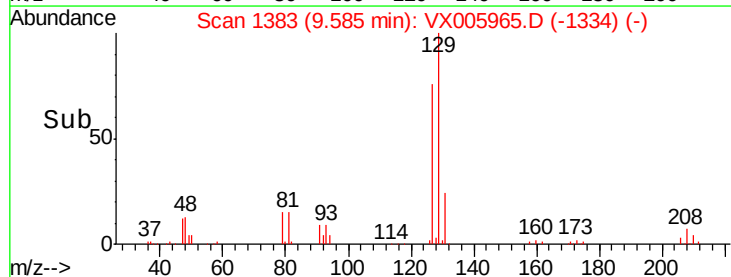
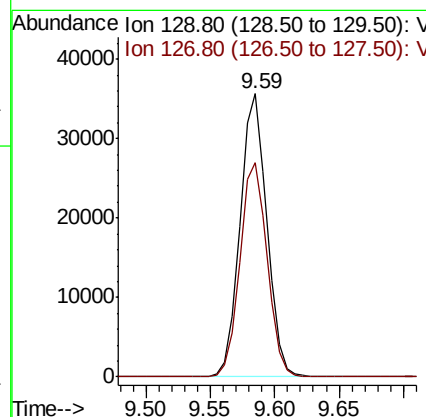
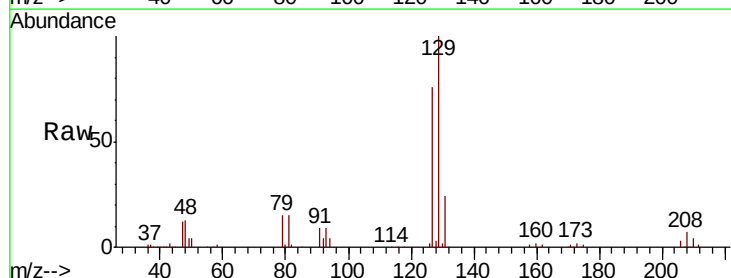
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

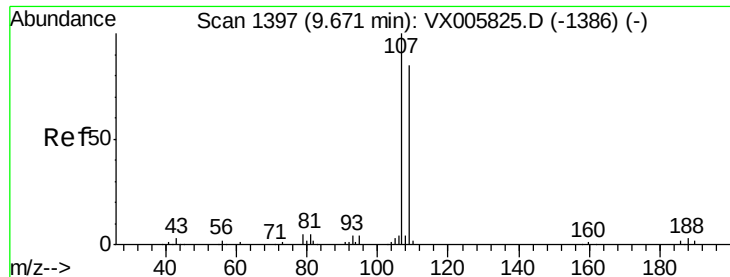
Tot Ion: 43 Resp: 363451
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.8



#60
Dibromochloromethane
Concen: 50.974 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion: 129 Resp: 51345
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7

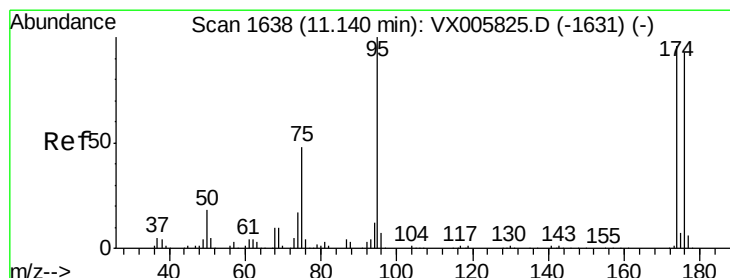
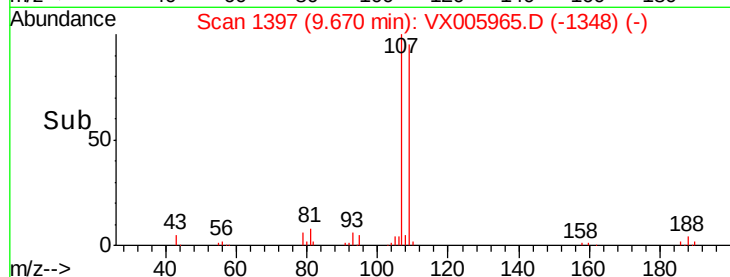
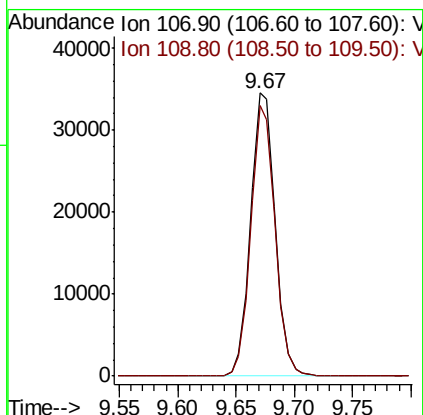
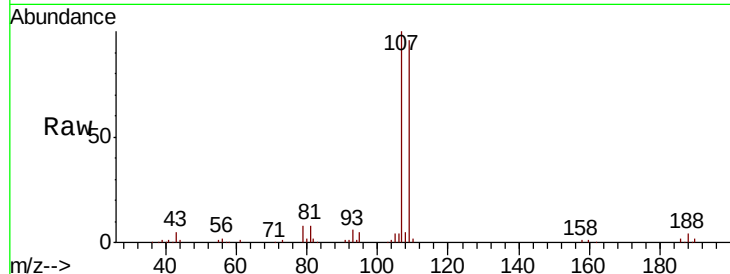




#61
 1,2-Dibromoethane
 Concen: 49.285 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

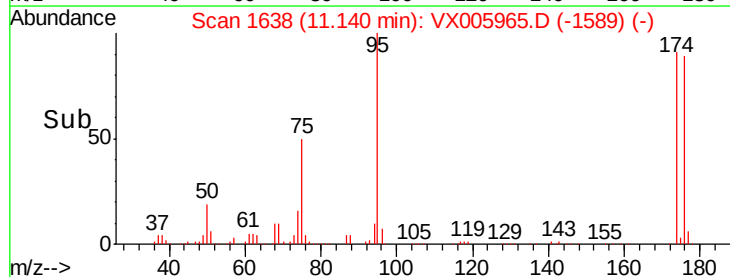
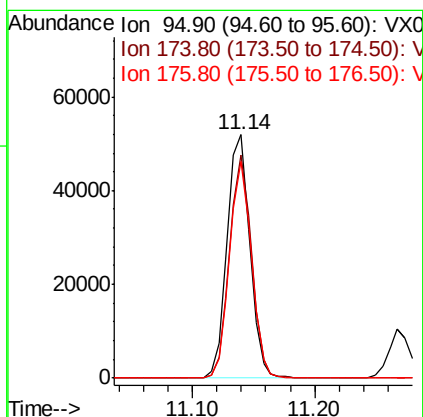
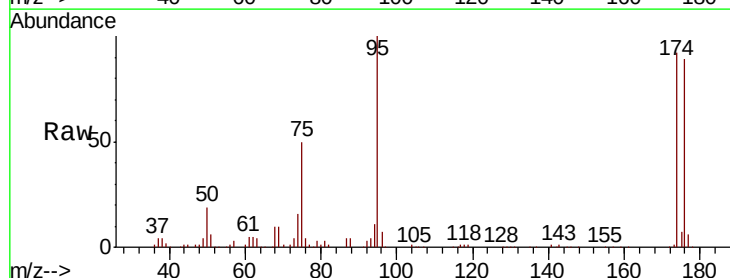
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

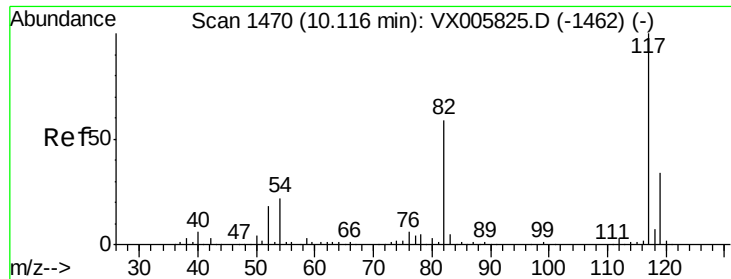
Tot Ion: 107 Resp: 50793
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 61.674 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion: 95 Resp: 66759
 Ion Ratio Lower Upper
 95 100
 174 88.8 0.0 184.4
 176 85.8 0.0 177.4

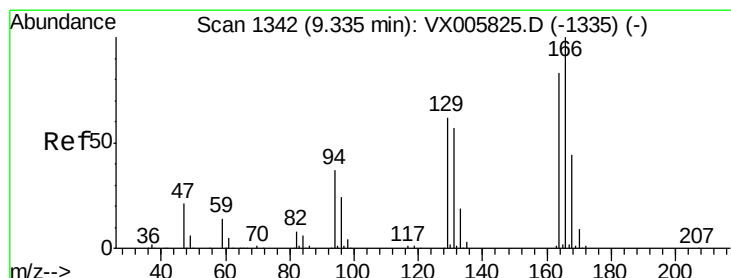
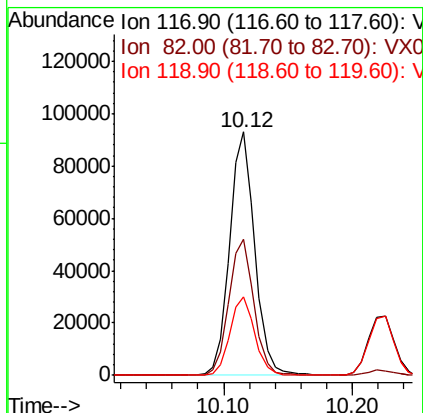
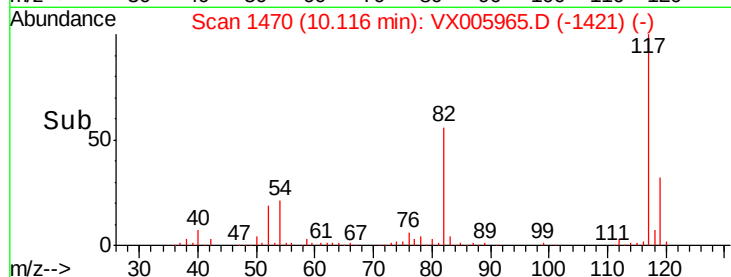
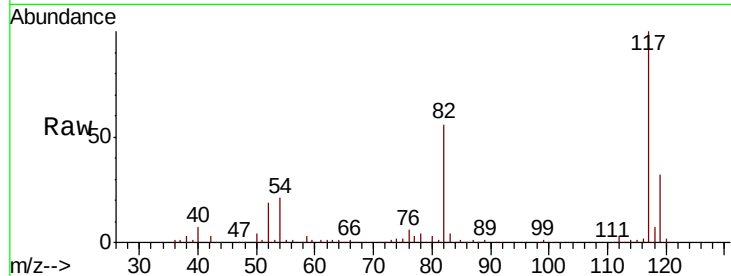




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

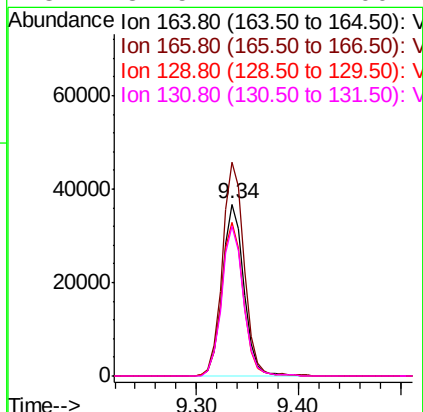
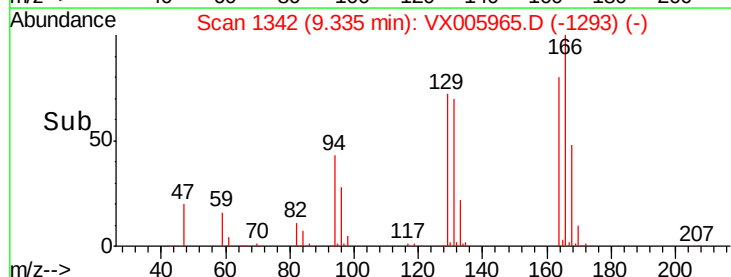
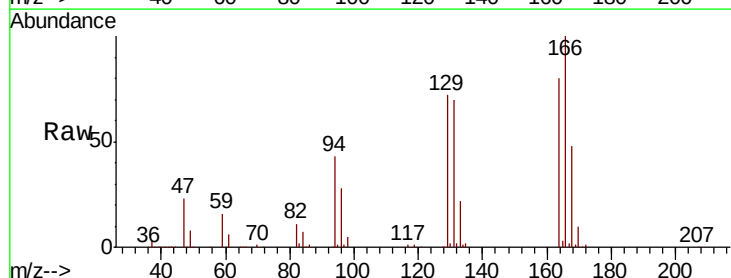
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

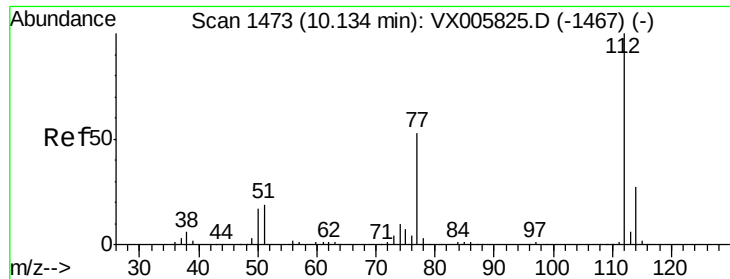
Tot Ion:117 Resp: 126977
Ion Ratio Lower Upper
117 100
82 56.0 44.1 66.1
119 32.5 26.2 39.2



#64
Tetrachloroethene
Concen: 49.730 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion:164 Resp: 53762
Ion Ratio Lower Upper
164 100
166 124.5 101.9 152.9
129 89.6 72.6 109.0
131 87.5 71.1 106.7





#65

Chlorobenzene

Concen: 50.683 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

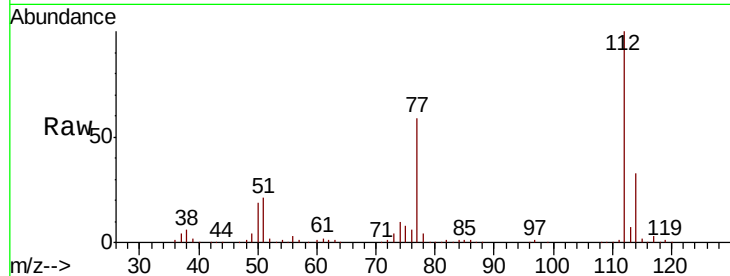
VSTDCCC050EC

Tot Ion:112 Resp: 128926

Ion Ratio Lower Upper

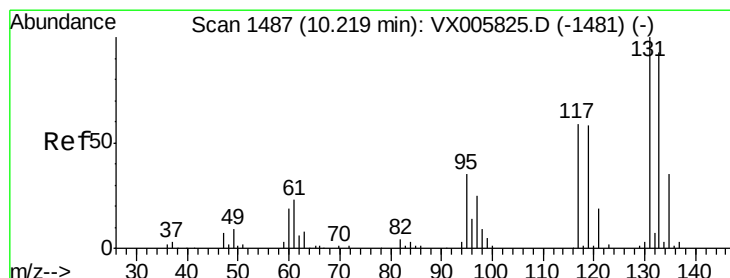
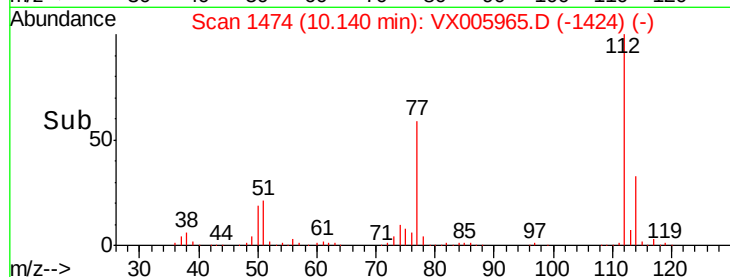
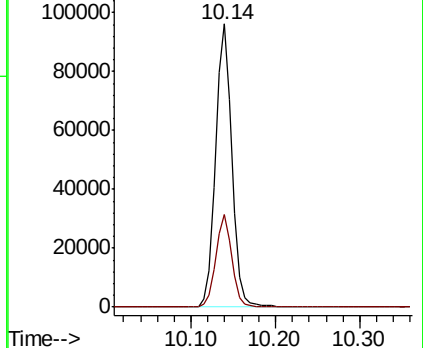
112 100

114 32.9 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.690 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

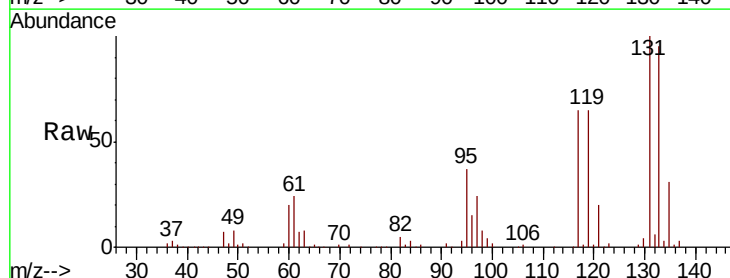
Tgt Ion:131 Resp: 48365

Ion Ratio Lower Upper

131 100

133 94.9 47.5 142.5

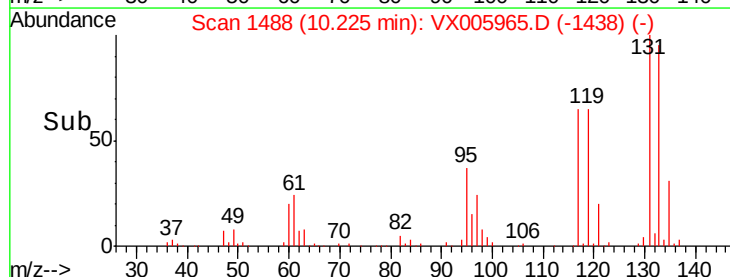
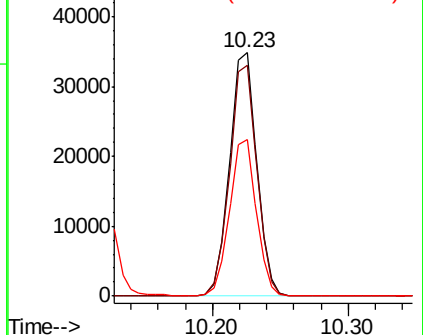
119 63.7 31.8 95.3

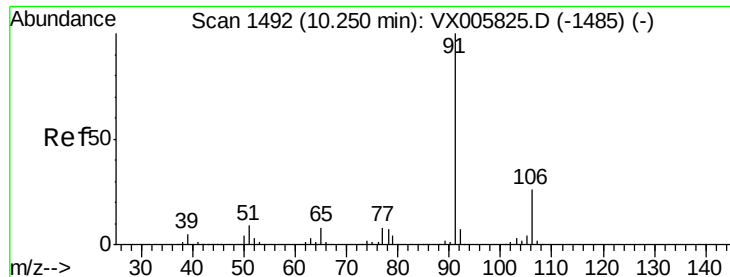


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

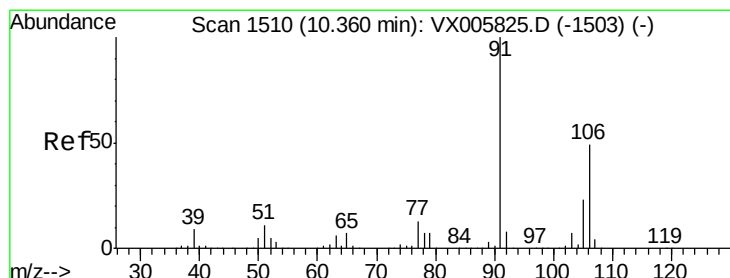
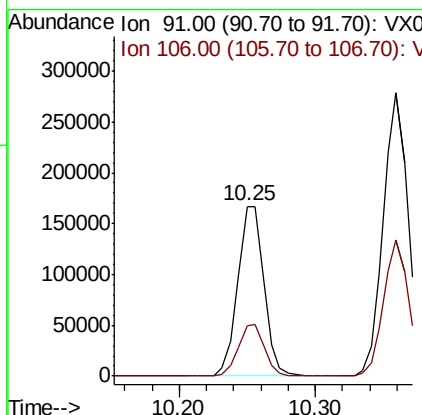
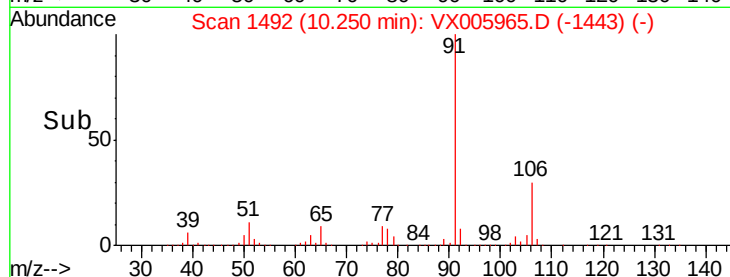
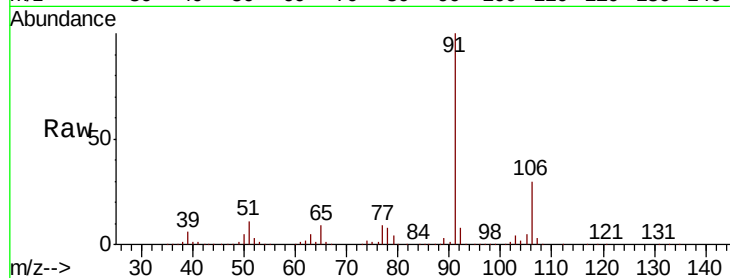




#67
Ethyl Benzene
Concen: 55.126 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

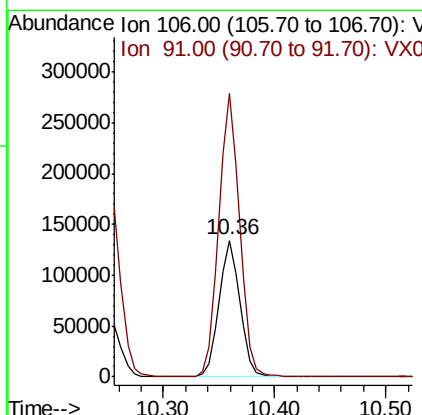
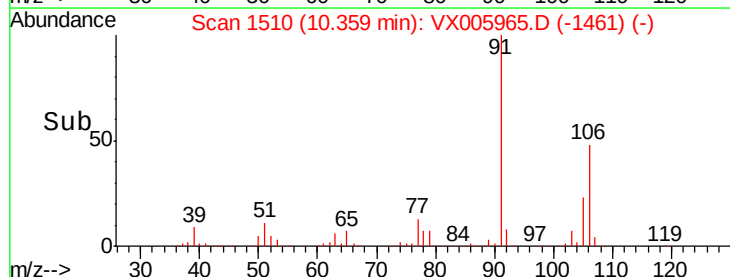
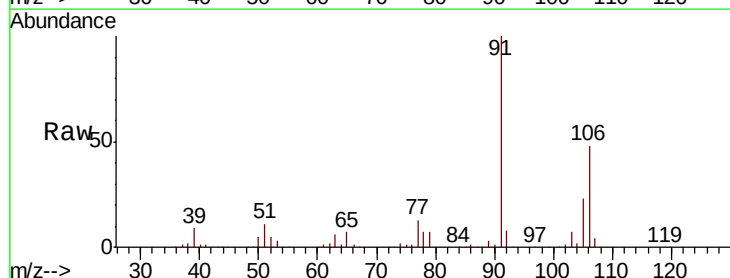
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

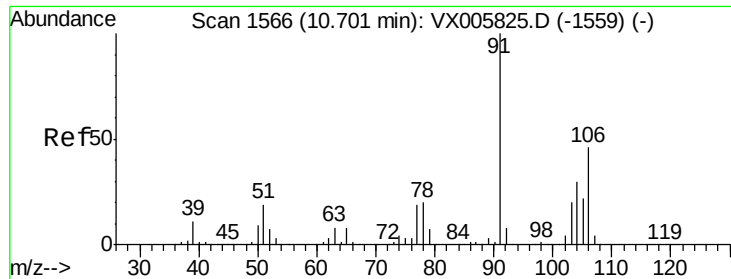
Tot Ion: 91 Resp: 224857
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6



#68
m/p-Xylenes
Concen: 111.784 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion: 106 Resp: 173922
Ion Ratio Lower Upper
106 100
91 207.9 164.2 246.4

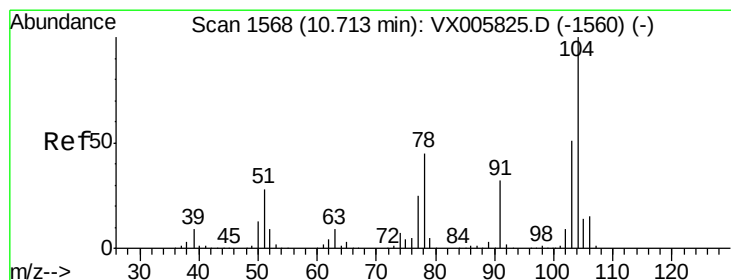
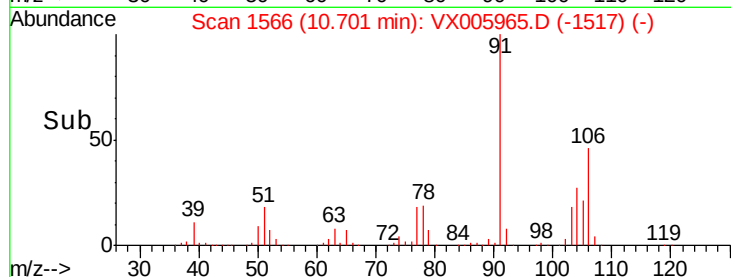
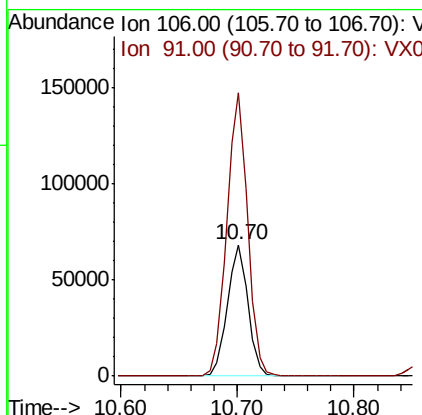
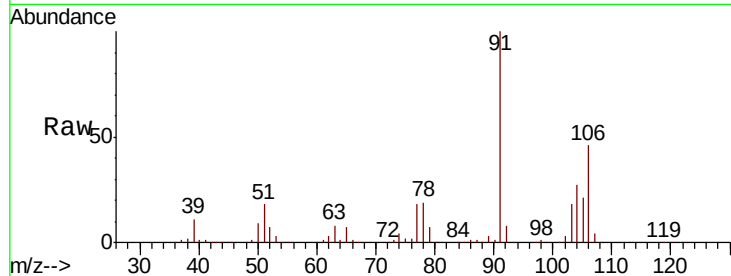




#69
o-Xylene
Concen: 60.155 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

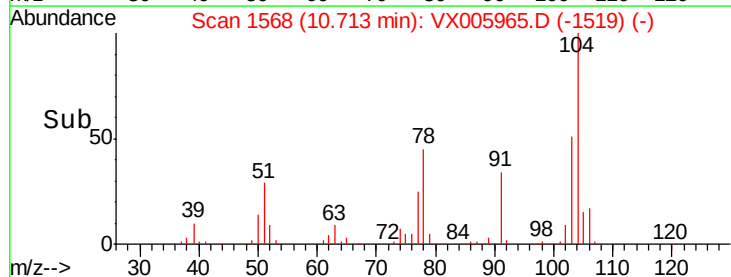
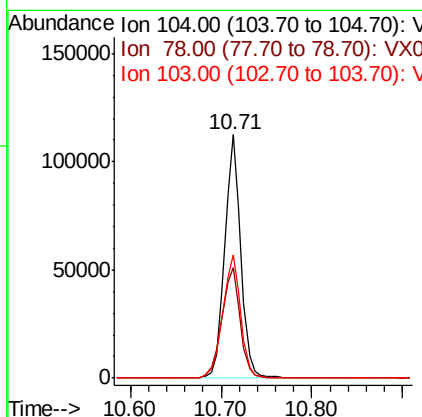
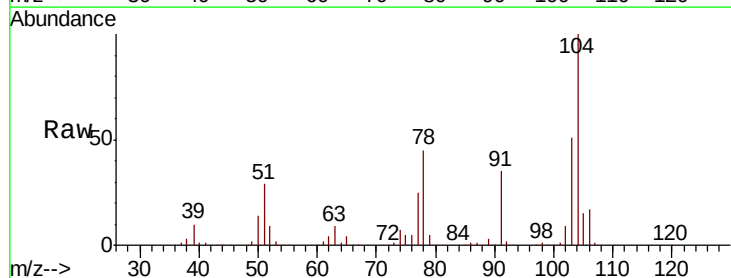
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

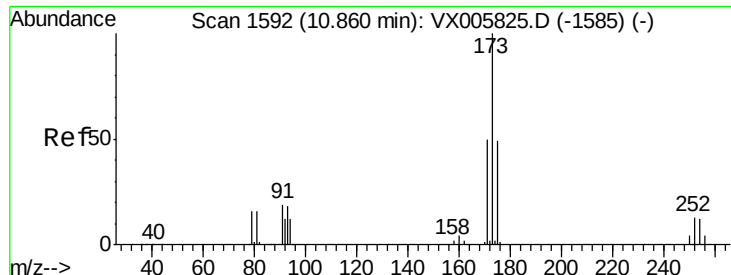
Tot Ion:106 Resp: 83925
Ion Ratio Lower Upper
106 100
91 217.3 108.5 325.5



#70
Styrene
Concen: 61.267 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion:104 Resp: 141006
Ion Ratio Lower Upper
104 100
78 51.5 40.2 60.4
103 56.1 44.9 67.3





#71

Bromoform

Concen: 57.198 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

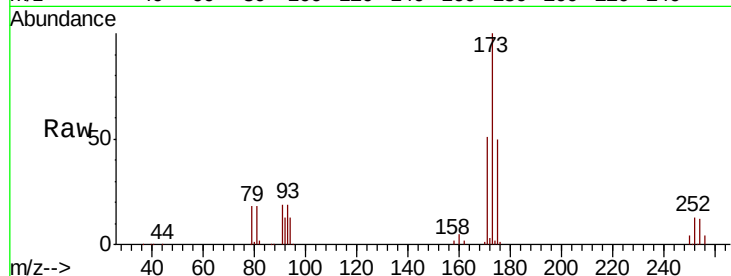
Tot Ion:173 Resp: 42403

Ion Ratio Lower Upper

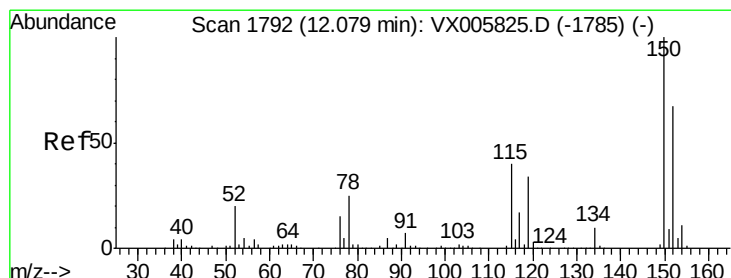
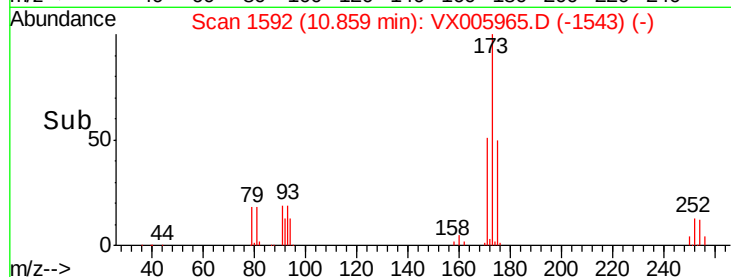
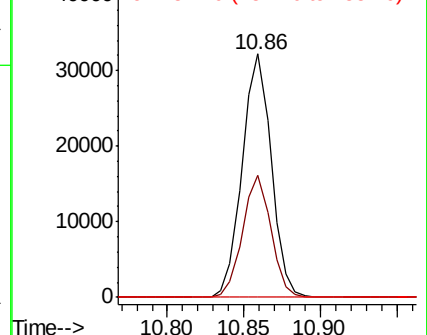
173 100

175 49.0 24.8 74.3

254 0.0 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: VX005965.D

Acq: 13 Nov 2018 22:34

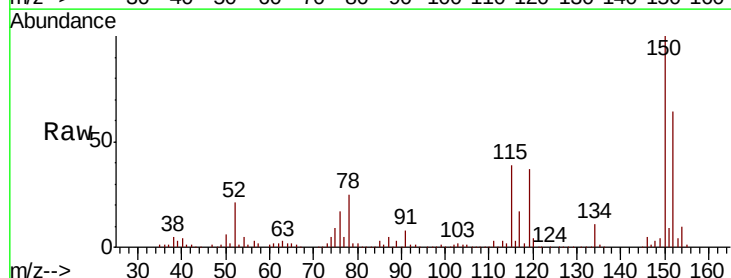
Tgt Ion:152 Resp: 72587

Ion Ratio Lower Upper

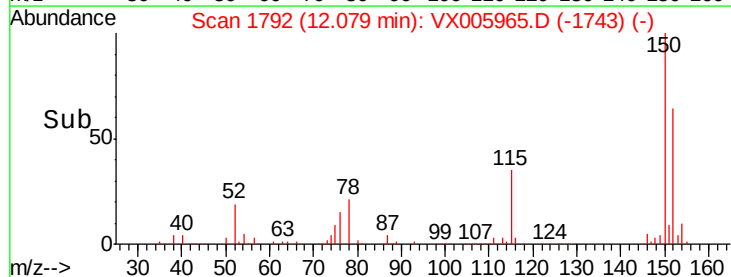
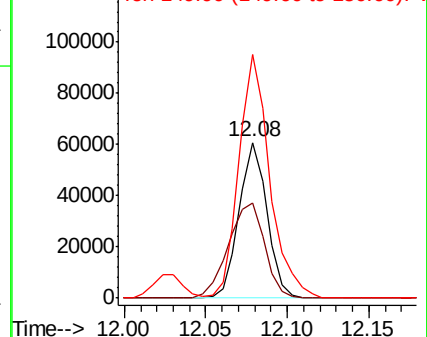
152 100

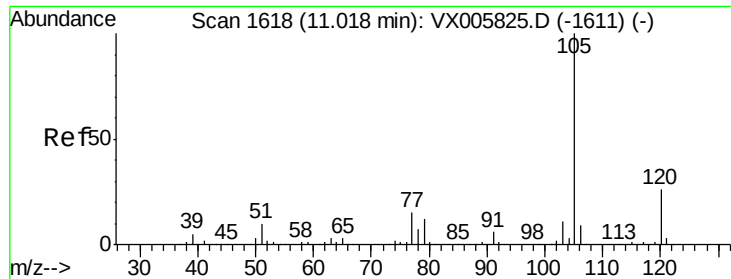
115 79.6 39.4 118.1

150 173.0 0.0 346.4



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: 54.862 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

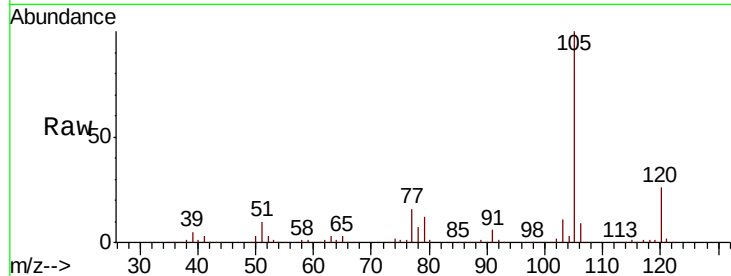
VSTDCCC050EC

Tot Ion:105 Resp: 230289

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

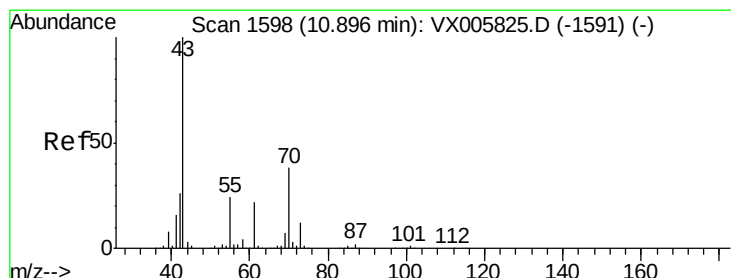
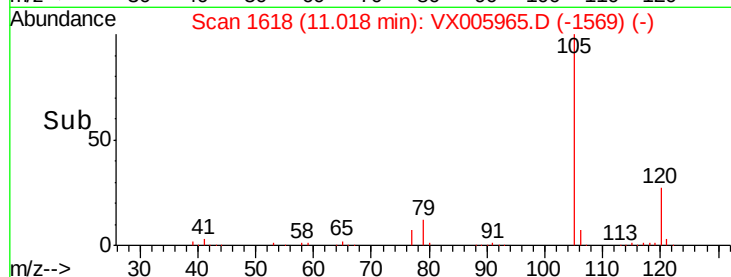
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 49.752 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Tgt Ion: 43 Resp: 117163

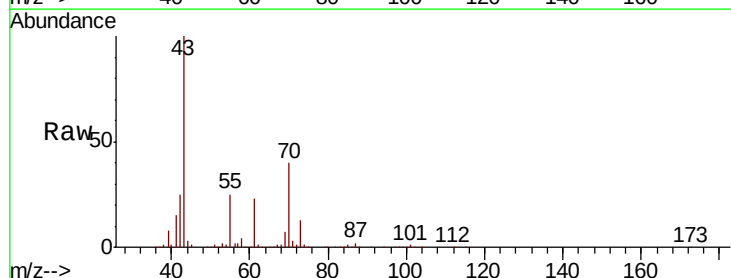
Ion Ratio Lower Upper

43 100

70 38.7 31.6 47.4

55 25.5 19.7 29.5

61 22.8 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

50000

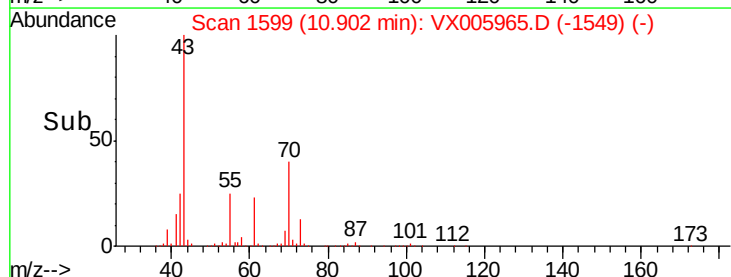
0

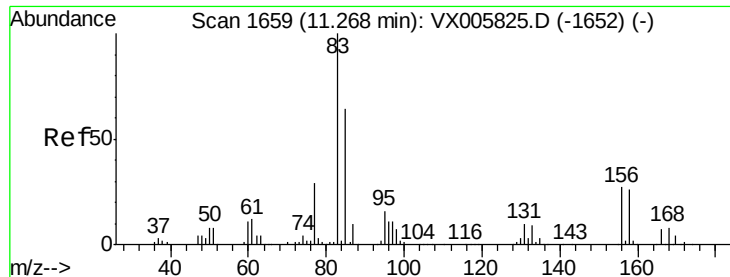
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.694 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

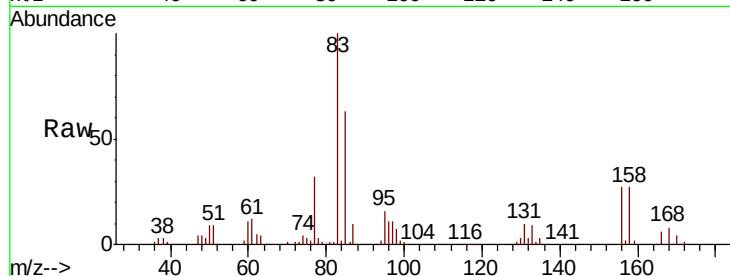
Tot Ion: 83 Resp: 81186

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.9

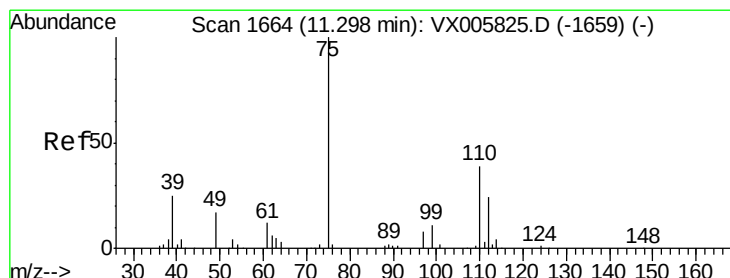
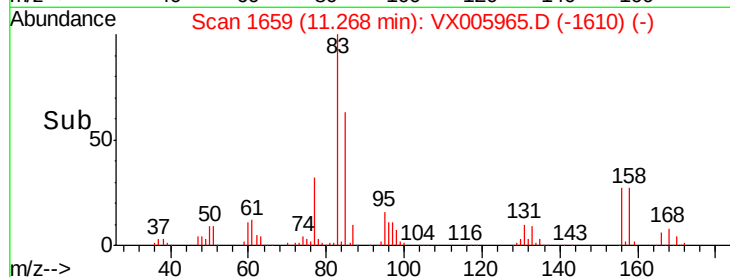
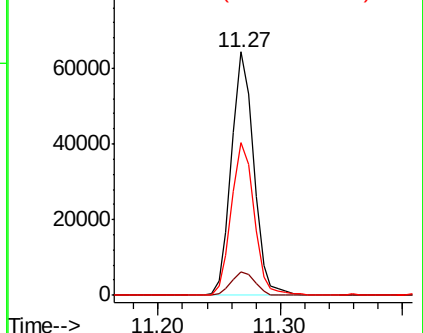
85 64.3 32.0 96.2



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: 66.388 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005965.D

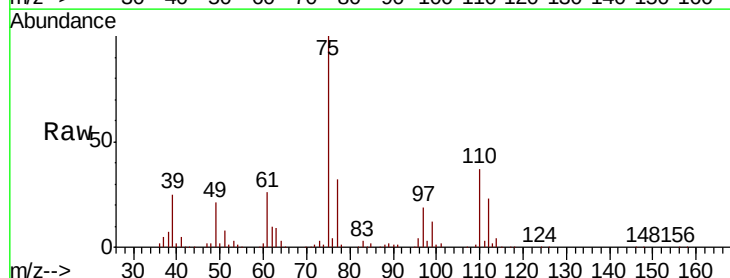
Acq: 13 Nov 2018 22:34

Tgt Ion: 75 Resp: 98123

Ion Ratio Lower Upper

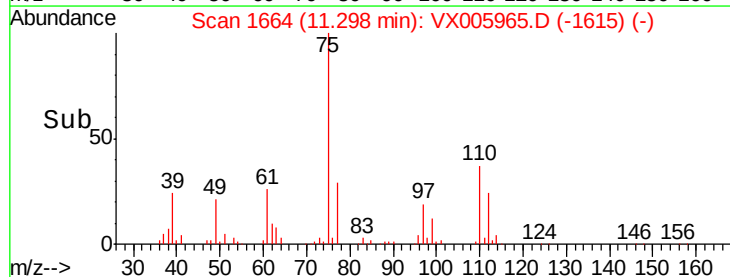
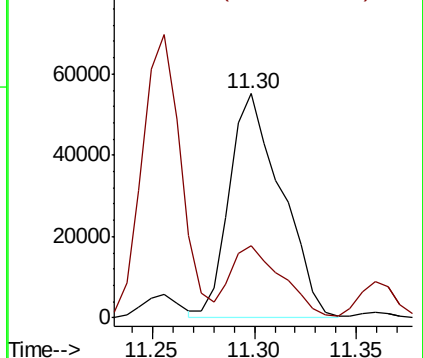
75 100

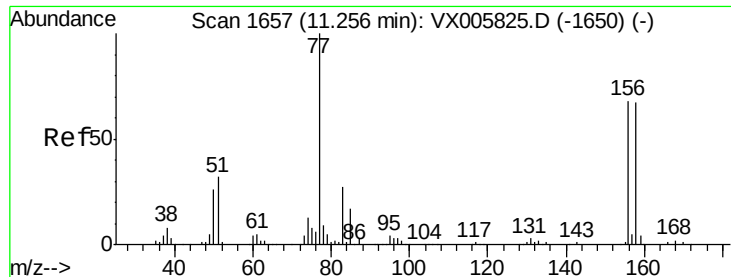
77 32.0 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.074 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

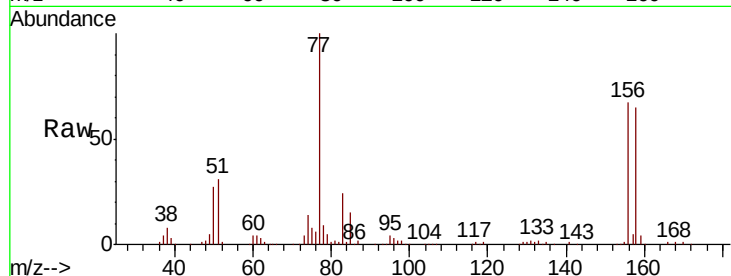
Tot Ion:156 Resp: 60428

Ion Ratio Lower Upper

156 100

77 152.1 74.8 224.4

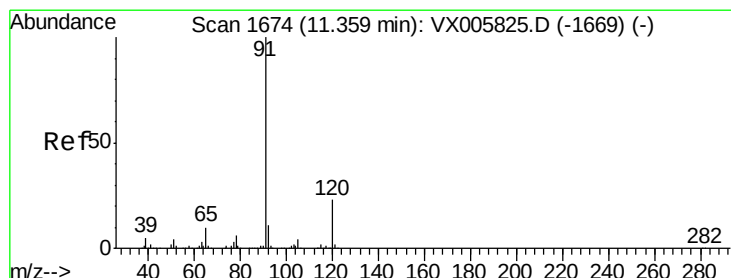
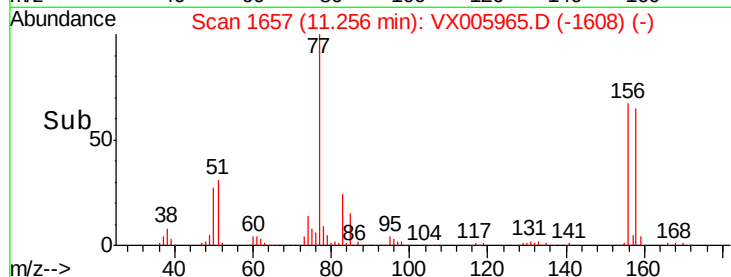
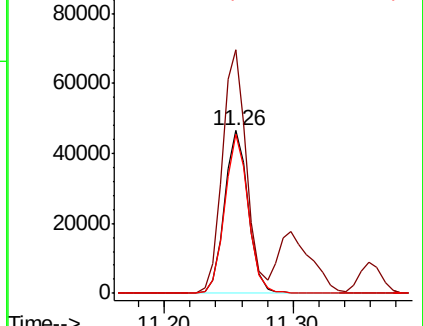
158 97.0 49.1 147.3



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: 54.080 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005965.D

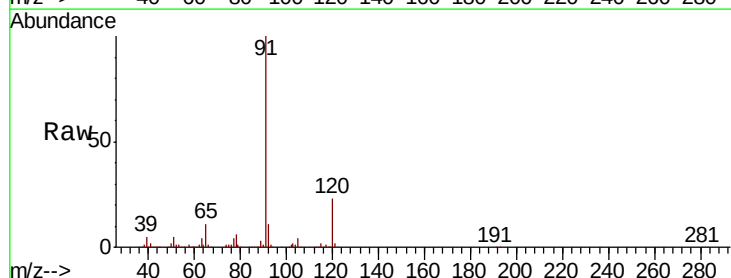
Acq: 13 Nov 2018 22:34

Tgt Ion: 91 Resp: 267536

Ion Ratio Lower Upper

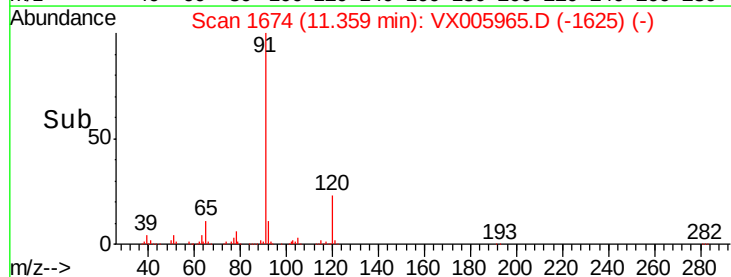
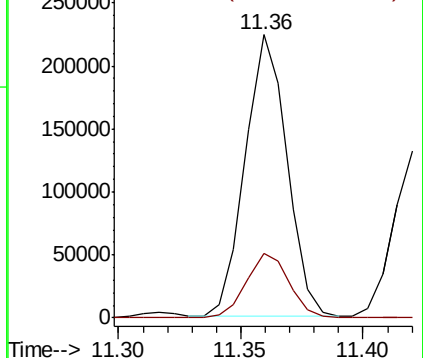
91 100

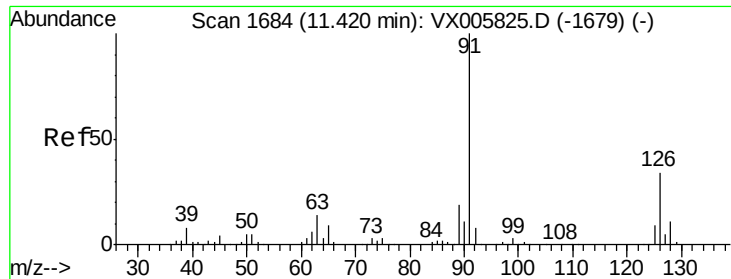
120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

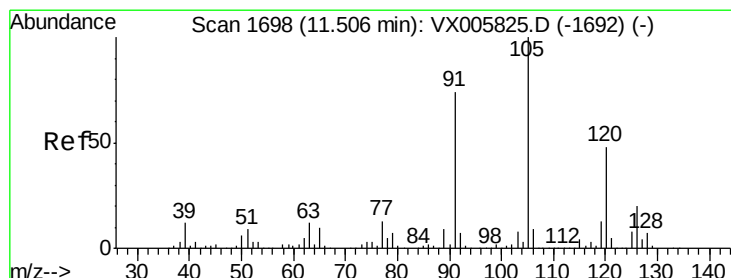
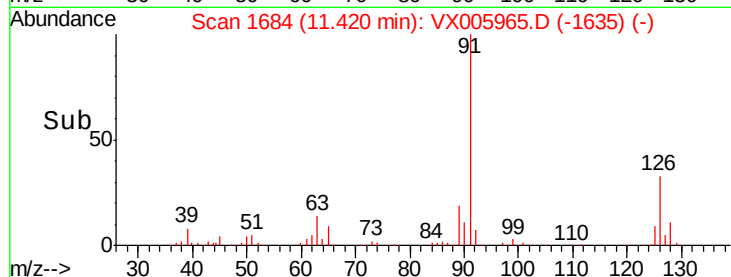
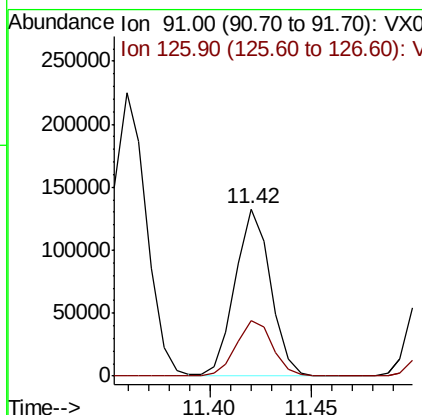
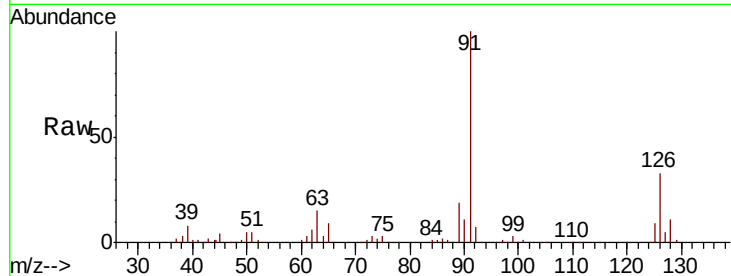




#79
 2-Chlorotoluene
 Concen: 53.341 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

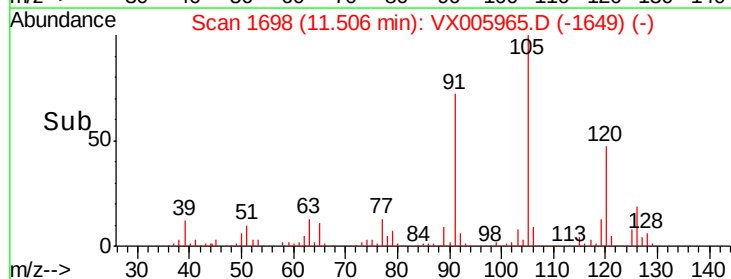
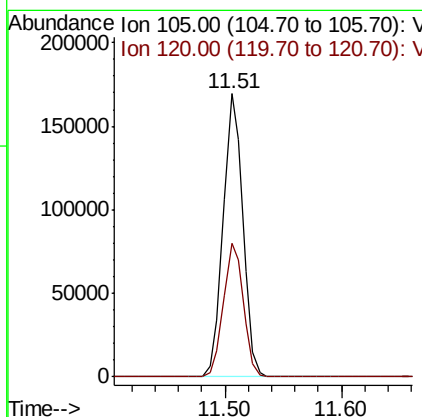
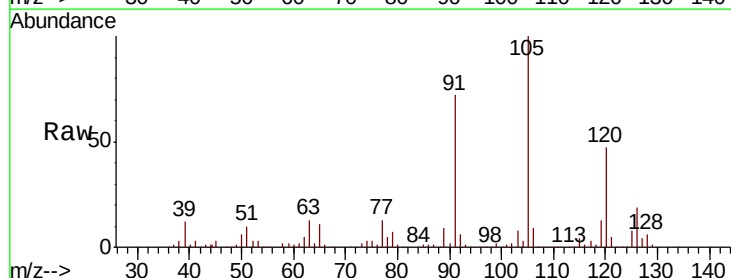
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

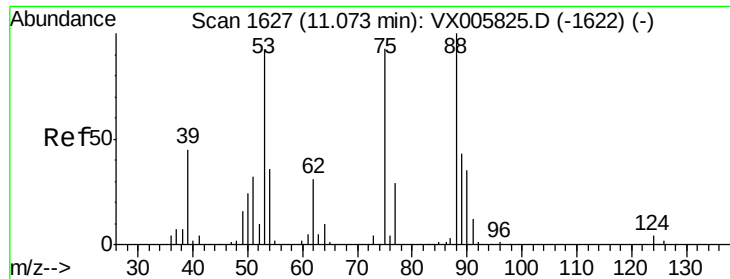
Tot Ion: 91 Resp: 159497
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 55.553 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion: 105 Resp: 198163
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 50.858 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

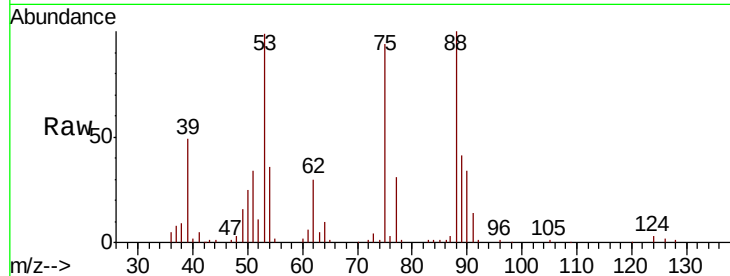
Tot Ion: 75 Resp: 23585

Ion Ratio Lower Upper

75 100

53 102.5 80.2 120.2

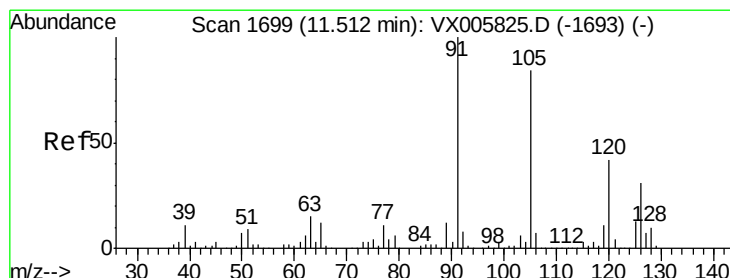
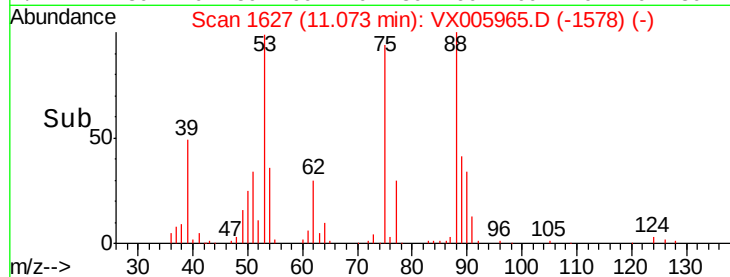
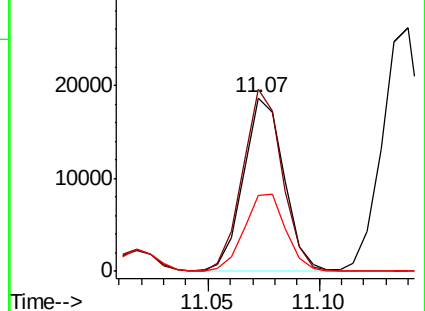
89 45.8 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.989 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005965.D

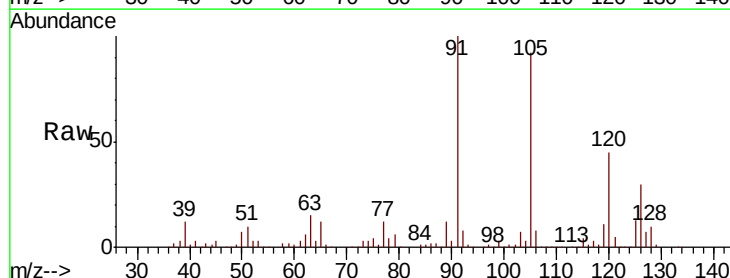
Acq: 13 Nov 2018 22:34

Tgt Ion: 91 Resp: 190259

Ion Ratio Lower Upper

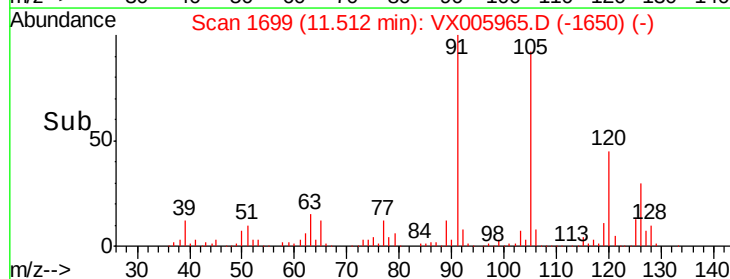
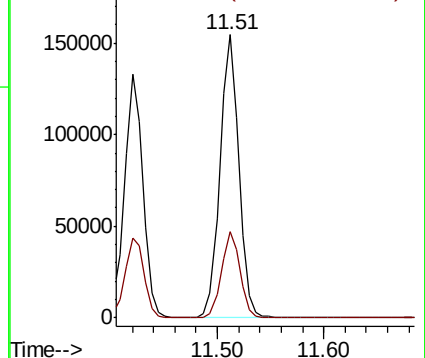
91 100

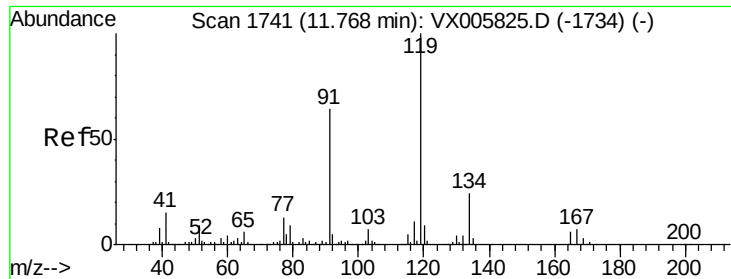
126 29.9 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

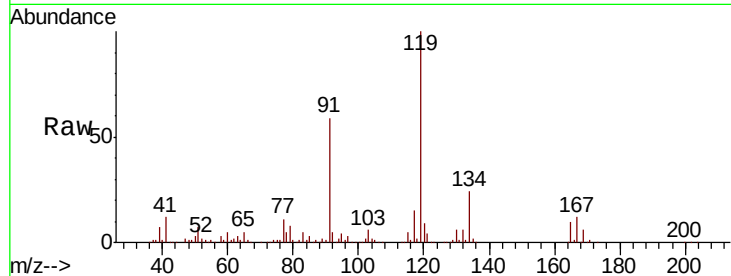




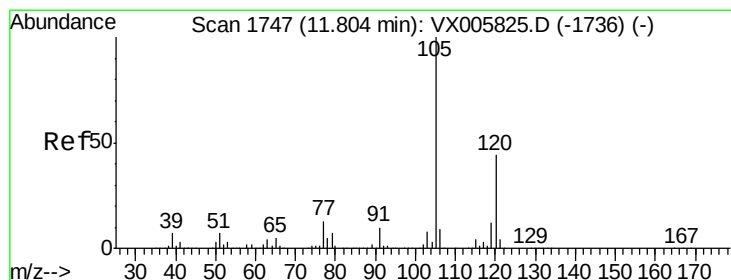
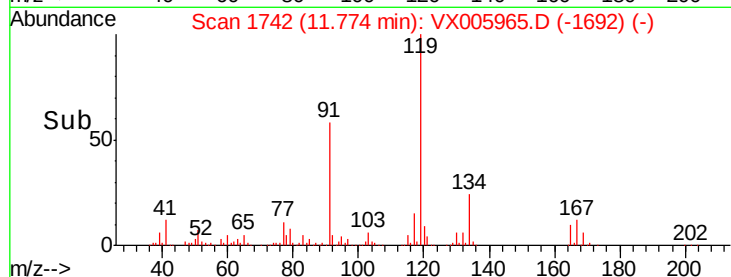
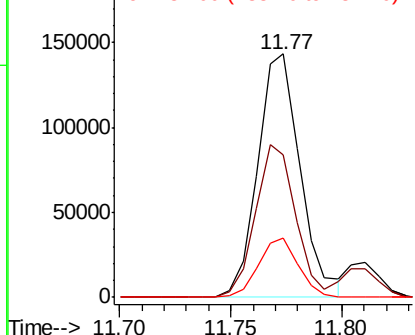
#83
 tert-Butylbenzene
 Concen: 52.710 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.3	28.5	85.5
134	22.8	11.3	33.8

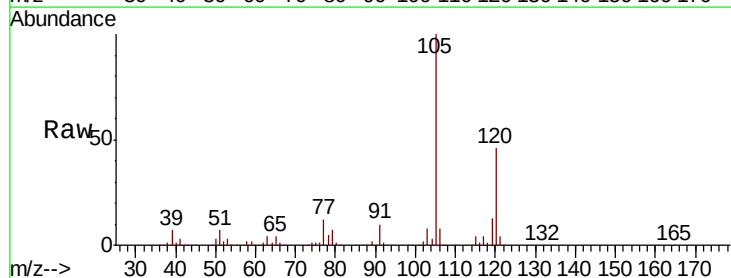


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

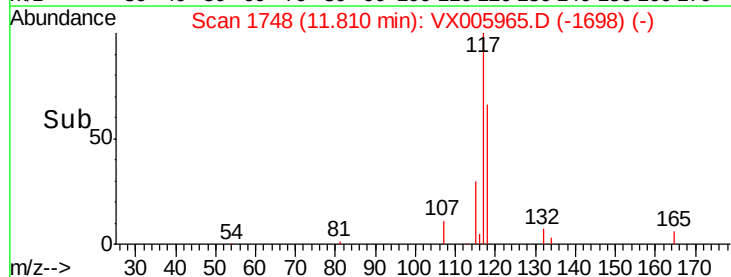
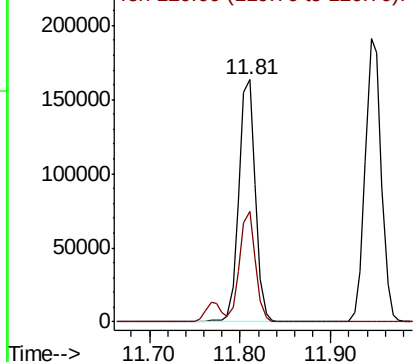


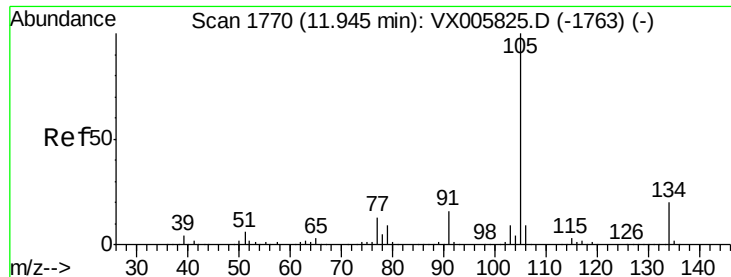
#84
 1,2,4-Trimethylbenzene
 Concen: 52.108 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.4	67.0



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





#85

sec-Butylbenzene

Concen: 53.468 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

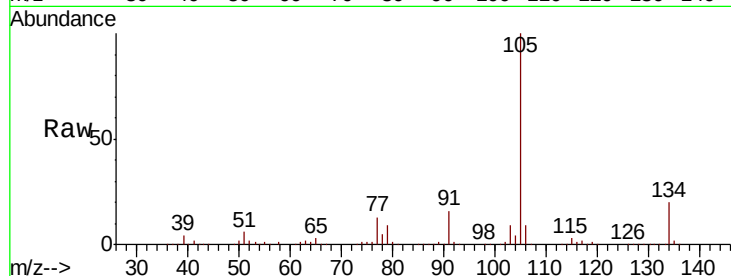
VSTDCCC050EC

Tot Ion:105 Resp: 235954

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

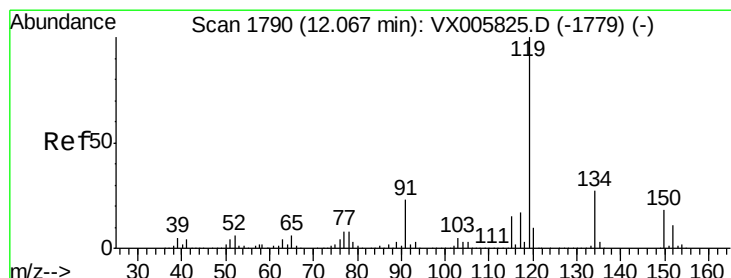
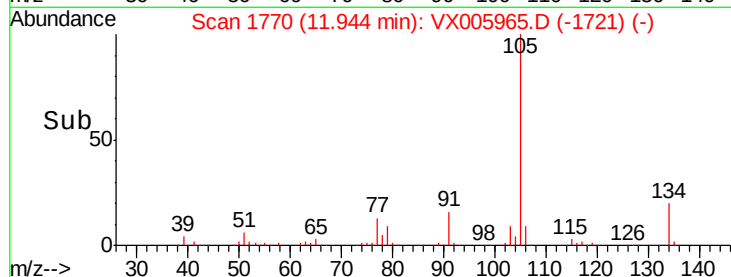
50000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 54.455 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

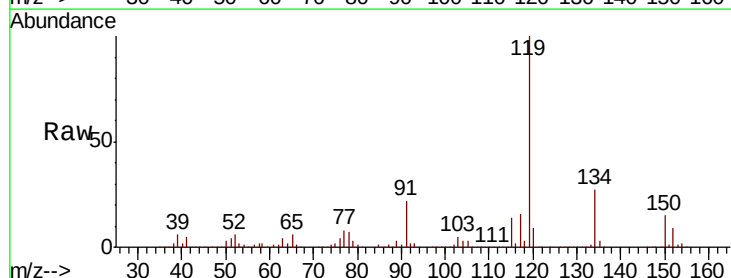
Tgt Ion:119 Resp: 212859

Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

91 23.4 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

100000

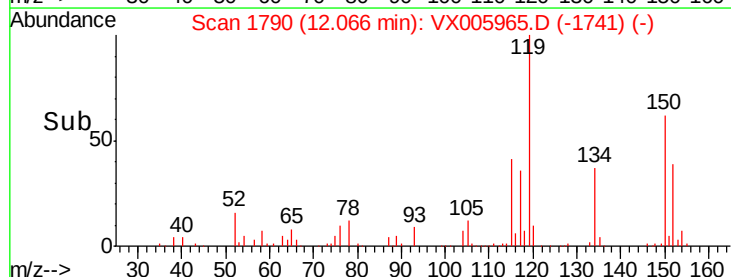
50000

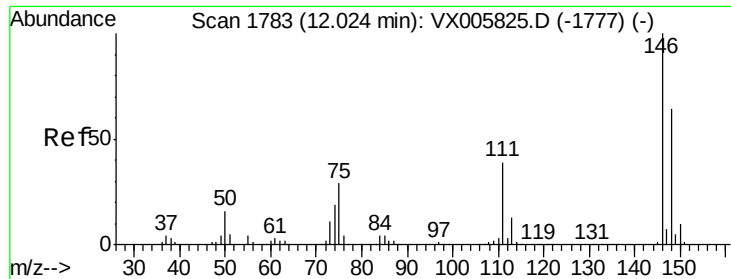
0

12.00

12.10

Time-->

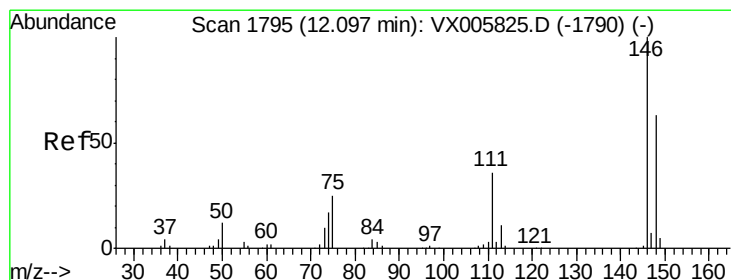
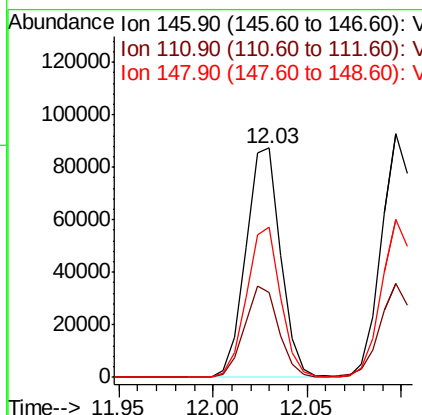
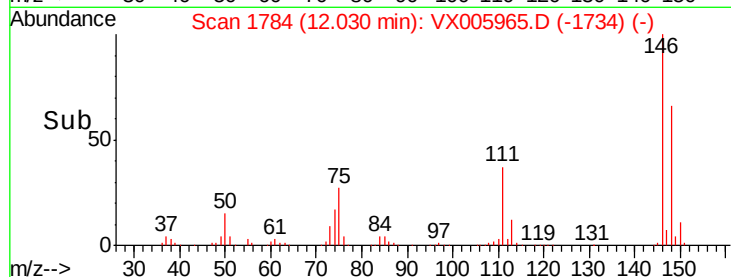
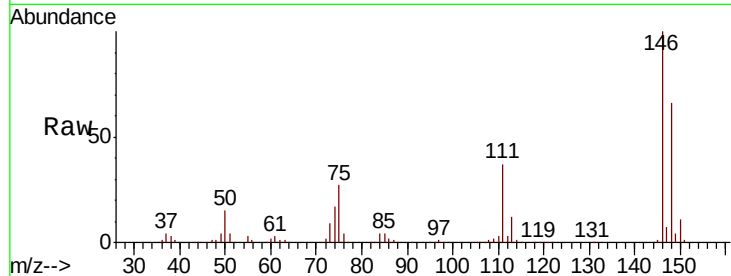




#87
 1,3-Dichlorobenzene
 Concen: 49.373 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

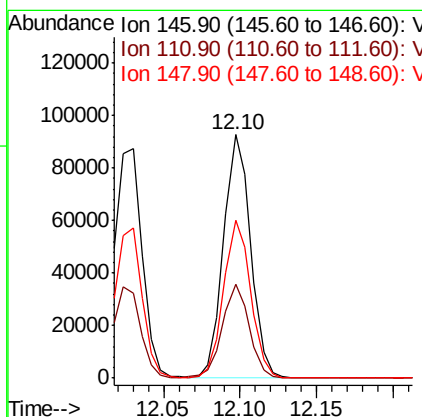
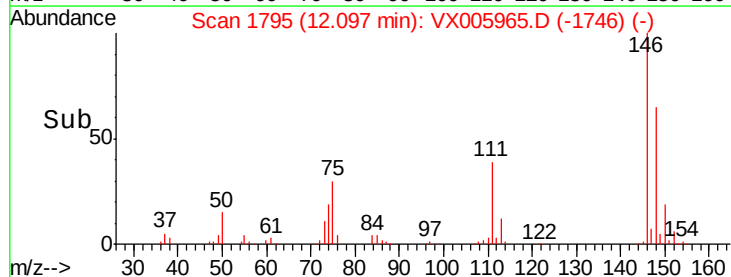
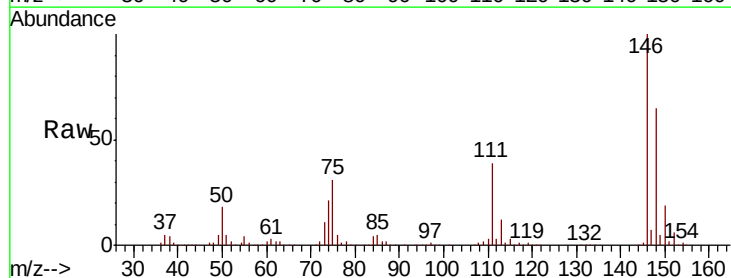
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

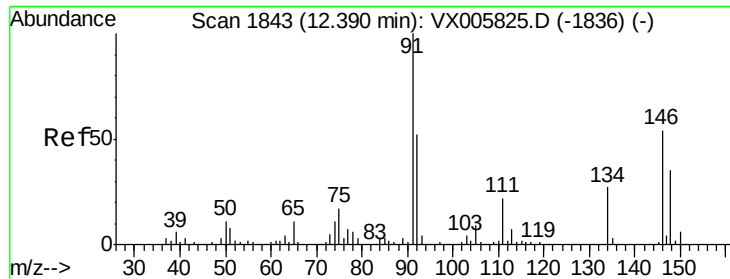
Tot Ion:146 Resp: 112108
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.0 57.0
 148 64.0 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.039 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion:146 Resp: 113987
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.6 55.8
 148 64.8 32.1 96.3

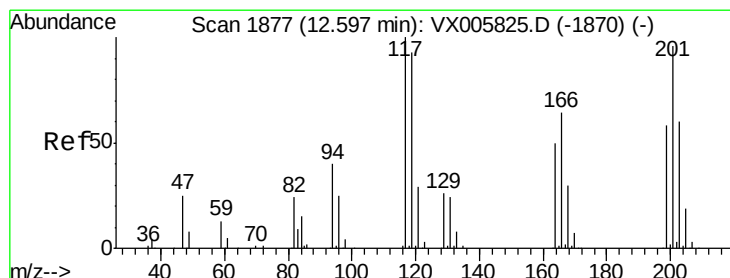
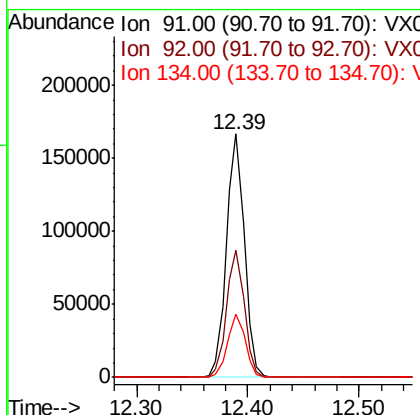
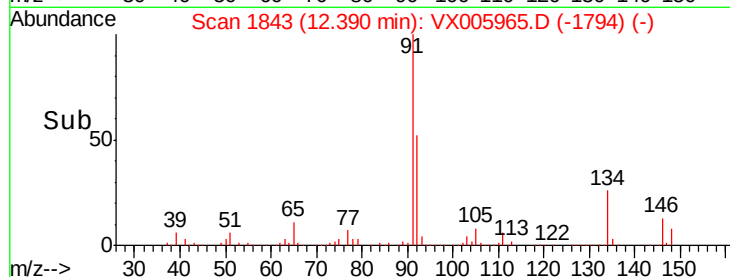
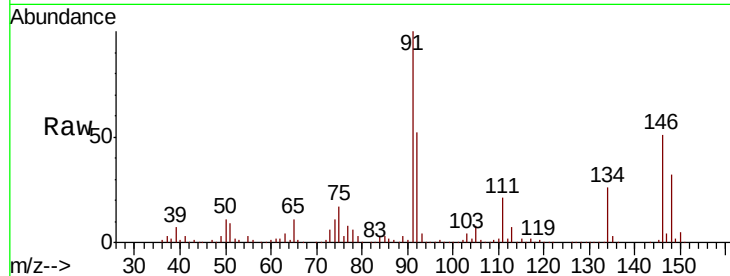




#89
n-Butylbenzene
Concen: 51.281 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

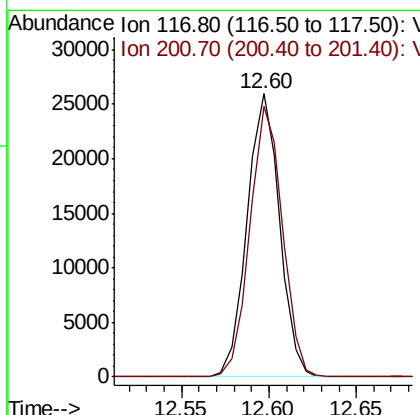
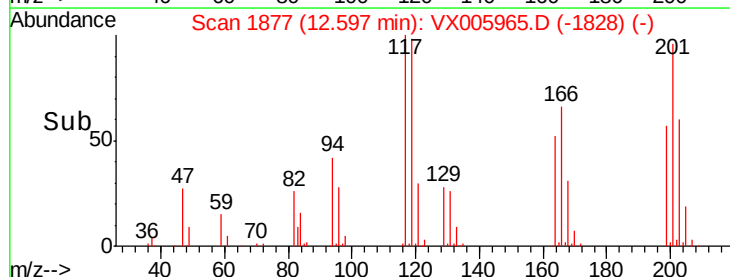
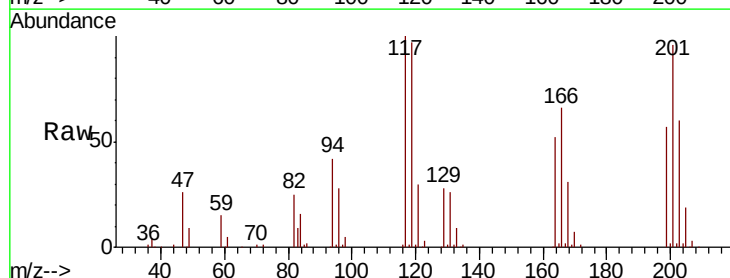
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

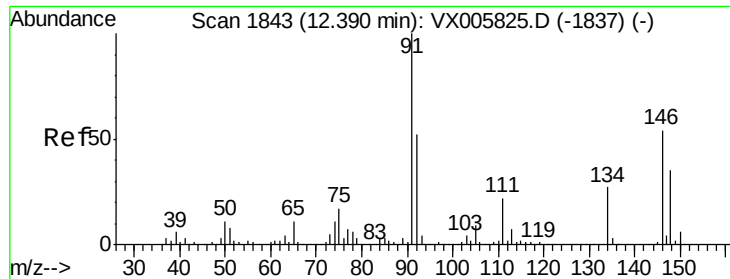
Tot Ion: 91 Resp: 185782
Ion Ratio Lower Upper
91 100
92 52.0 26.1 78.2
134 25.7 13.1 39.3



#90
Hexachloroethane
Concen: 51.226 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion: 117 Resp: 33431
Ion Ratio Lower Upper
117 100
201 95.5 47.9 143.6

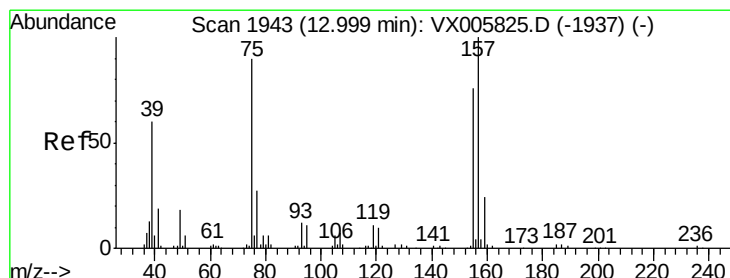
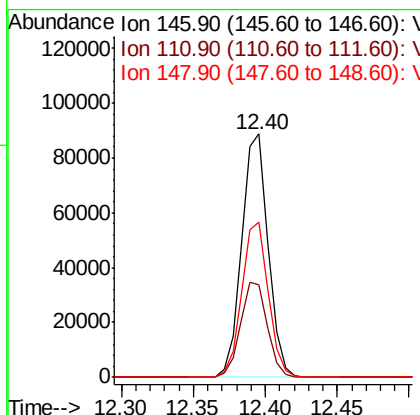
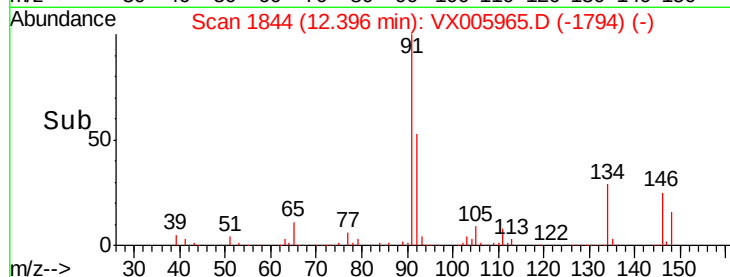
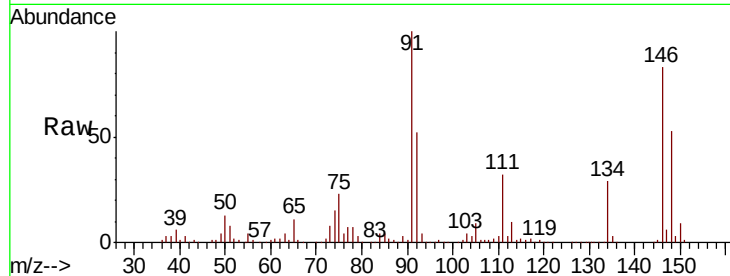




#91
 1,2-Dichlorobenzene
 Concen: 49.586 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

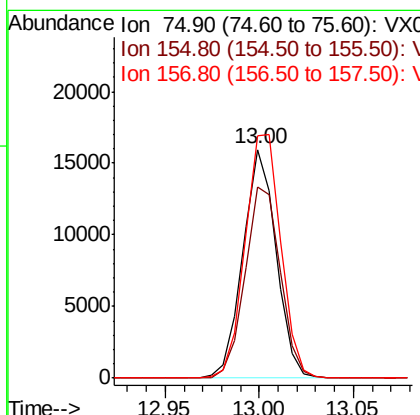
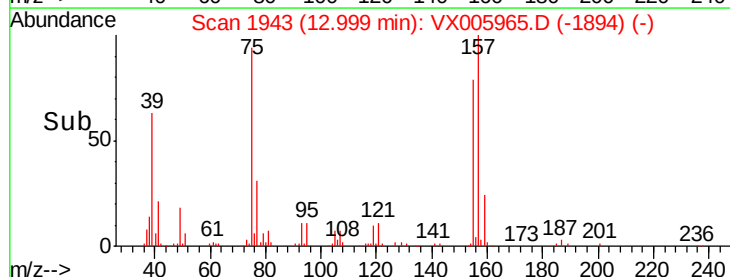
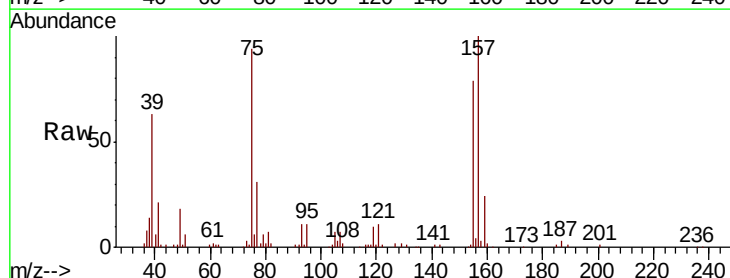
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

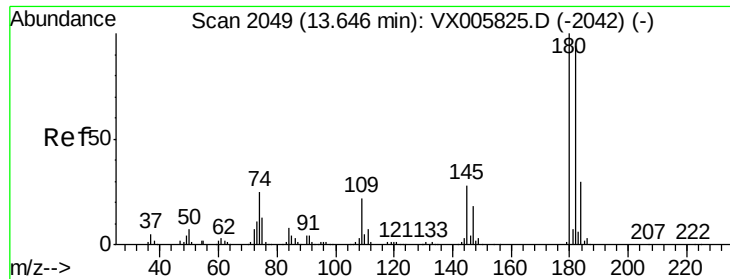
Tot Ion:146 Resp: 112792
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 59.9
 148 63.8 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.865 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion: 75 Resp: 19500
 Ion Ratio Lower Upper
 75 100
 155 88.9 45.4 136.1
 157 114.7 57.4 172.0

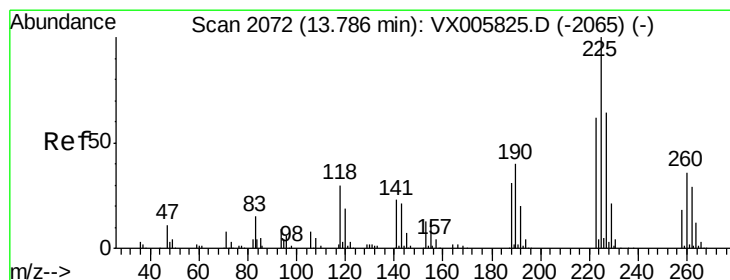
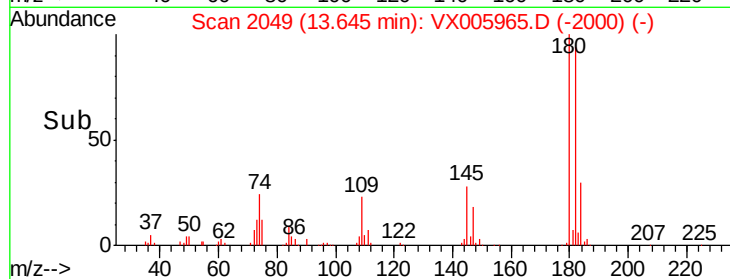
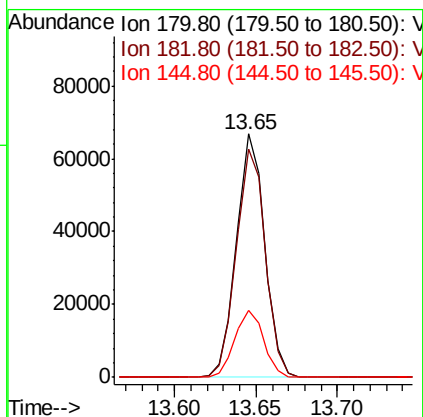
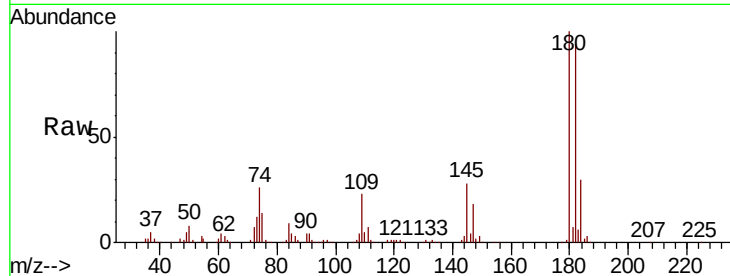




#93
 1,2,4-Trichlorobenzene
 Concen: 50.353 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

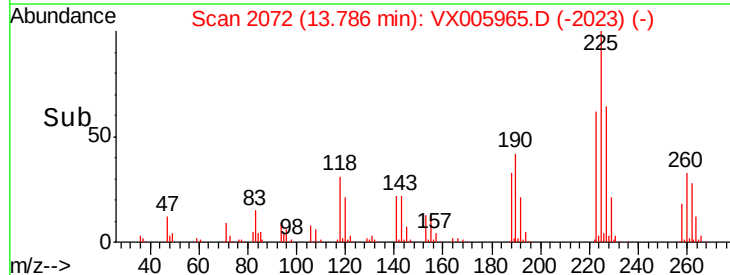
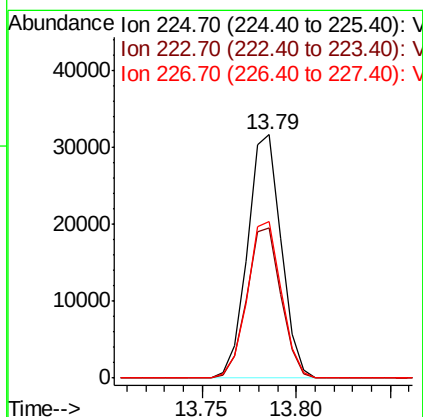
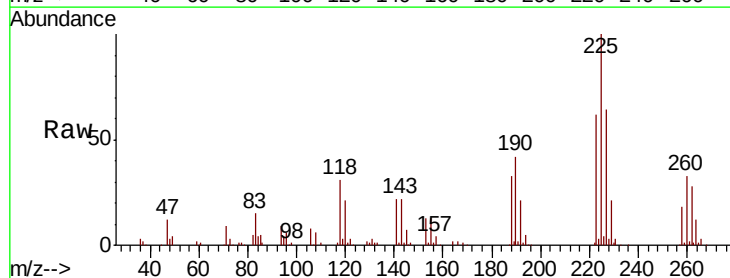
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

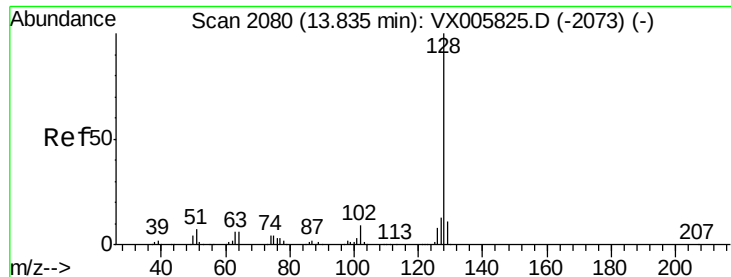
Tot Ion:180 Resp: 80630
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.6 142.8
 145 28.4 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 46.704 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion:225 Resp: 39285
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.7 95.1
 227 64.8 32.3 96.9





#95

Naphthalene

Concen: 48.136 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

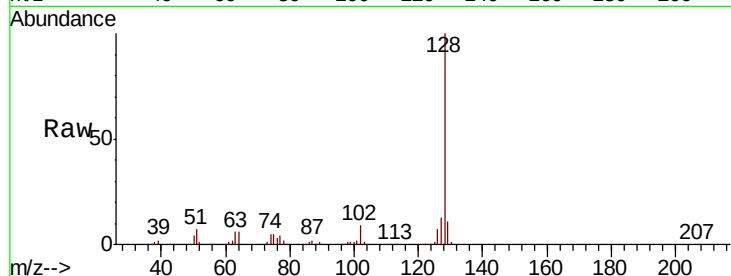
Tot Ion:128 Resp: 251140

Ion Ratio Lower Upper

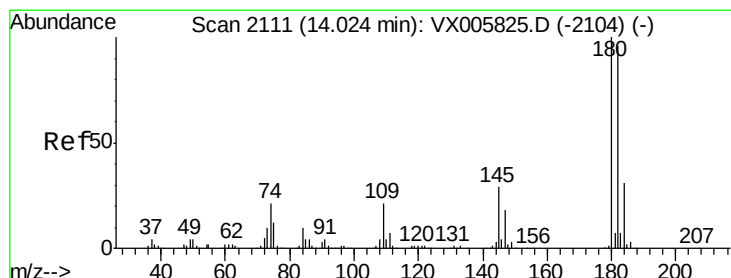
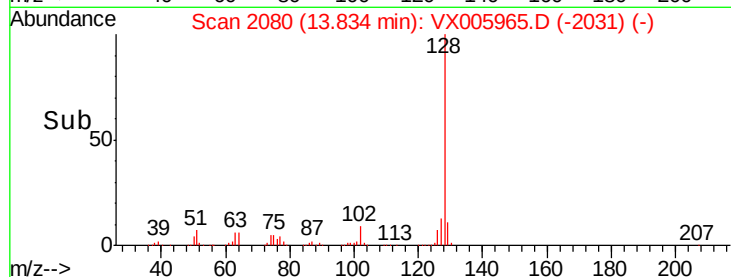
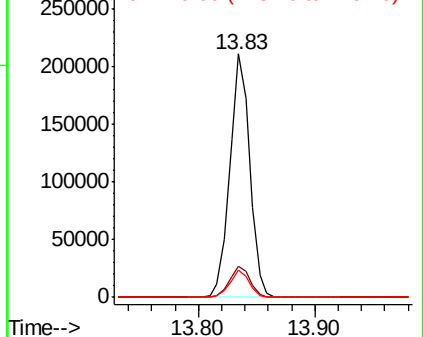
128 100

127 13.0 10.4 15.6

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.675 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

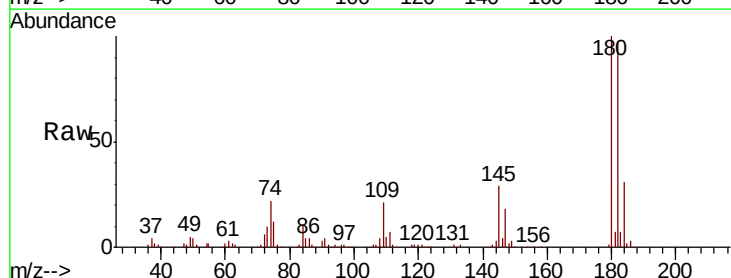
Tgt Ion:180 Resp: 82670

Ion Ratio Lower Upper

180 100

182 95.9 48.0 144.2

145 30.1 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

