

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004949.D
 Acq On : 03 Oct 2018 05:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 03 08:36:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	233869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199405	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	160079	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	5.50	113	130837	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
50) Toluene-d8	8.72	98	479987	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.14	95	178824	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	168996	52.998	ug/l	98
3) Chloromethane	1.32	50	192343	49.718	ug/l	90
4) Vinyl Chloride	1.40	62	183474	50.565	ug/l	95
5) Bromomethane	1.64	94	108672	50.506	ug/l	95
6) Chloroethane	1.71	64	101714	51.508	ug/l	95
7) Trichlorofluoromethane	1.92	101	233443	51.968	ug/l	100
8) Diethyl Ether	2.19	74	94976	48.669	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	132538	51.797	ug/l	98
10) Methyl Iodide	2.51	142	128650	37.573	ug/l #	90
11) Tert butyl alcohol	3.09	59	240871	257.857	ug/l	99
12) 1,1-Dichloroethene	2.37	96	123154	48.600	ug/l	92
13) Acrolein	2.29	56	114401	172.128	ug/l	96
14) Allyl chloride	2.73	41	279384	50.530	ug/l	97
15) Acrylonitrile	3.15	53	533609	259.491	ug/l	93
16) Acetone	2.45	43	482343	247.300	ug/l	99
17) Carbon Disulfide	2.56	76	359941	47.270	ug/l	99
18) Methyl Acetate	2.78	43	295360	59.770	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	461566	52.806	ug/l	96
20) Methylene Chloride	2.85	84	146481	51.682	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	132426	47.739	ug/l	87
22) Diisopropyl ether	3.87	45	504337	54.169	ug/l	98
23) Vinyl Acetate	3.82	43	2083892	244.518	ug/l	99
24) 1,1-Dichloroethane	3.70	63	263775	47.494	ug/l	97
25) 2-Butanone	4.71	43	747175	259.887	ug/l	91
26) 2,2-Dichloropropane	4.59	77	122136	31.581	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	150595	48.596	ug/l	97
28) Bromochloromethane	5.01	49	129420	49.485	ug/l	95
29) Tetrahydrofuran	5.15	42	483937	270.822	ug/l	97
30) Chloroform	5.21	83	253085	48.217	ug/l	99
31) Cyclohexane	5.57	56	215847	50.779	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	210395	49.081	ug/l	96
36) 1,1-Dichloropropene	5.80	75	179066	46.177	ug/l	96
37) Ethyl Acetate	4.86	43	258824	50.282	ug/l	99
38) Carbon Tetrachloride	5.78	117	185626	45.538	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201814	50.968	ug/l #	86
40) Benzene	6.14	78	585125	48.197	ug/l	93
41) Methacrylonitrile	5.07	41	145597	51.004	ug/l	99
42) 1,2-Dichloroethane	6.20	62	204590	47.671	ug/l	99
43) Isopropyl Acetate	6.47	43	375734	50.573	ug/l	97
44) Trichloroethene	7.21	130	147359	49.376	ug/l	96
45) 1,2-Dichloropropane	7.52	63	150012	50.388	ug/l	99
46) Dibromomethane	7.66	93	95583	51.086	ug/l	98
47) Bromodichloromethane	7.90	83	184504	52.669	ug/l	99
48) Methyl methacrylate	7.78	41	190925	56.618	ug/l	99
49) 1,4-Dioxane	7.76	88	87821	1048.272	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1323351	282.891	ug/l	100
52) Toluene	8.79	92	339634	50.913	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	190930	48.232	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	208223	50.219	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	144435	49.429	ug/l	97
56) Ethyl methacrylate	9.18	69	227468	48.088	ug/l	97
57) 1,3-Dichloropropane	9.37	76	241387	49.635	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	646698	256.464	ug/l	100
59) 2-Hexanone	9.50	43	1053756	270.317	ug/l	95
60) Dibromochloromethane	9.58	129	149297	51.089	ug/l	99
61) 1,2-Dibromoethane	9.68	107	150603	48.126	ug/l	96
64) Tetrachloroethene	9.34	164	159879	50.507	ug/l	96
65) Chlorobenzene	10.14	112	379895	46.062	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	140216	48.360	ug/l	99
67) Ethyl Benzene	10.26	91	646839	49.400	ug/l	97
68) m/p-Xylenes	10.36	106	509340	99.545	ug/l	96
69) o-Xylene	10.70	106	242663	51.634	ug/l	100
70) Styrene	10.71	104	412609	47.073	ug/l	99
71) Bromoform	10.86	173	124849	50.296	ug/l	97
73) Isopropylbenzene	11.02	105	653424	51.988	ug/l	100
74) N-amyl acetate	10.90	43	328925	47.696	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	239798	46.869	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	268707	60.122	ug/l	86
77) Bromobenzene	11.26	156	175809	48.158	ug/l	99
78) n-propylbenzene	11.36	91	751921	52.140	ug/l	99
79) 2-Chlorotoluene	11.42	91	456222	50.754	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	559782	48.588	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	61830	38.219	ug/l	98
82) 4-Chlorotoluene	11.51	91	535025	50.567	ug/l	99
83) tert-Butylbenzene	11.77	119	535252	51.724	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	578825	48.718	ug/l	99
85) sec-Butylbenzene	11.95	105	656831	52.111	ug/l	99
86) p-Isopropyltoluene	12.07	119	593214	51.946	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	323621	47.473	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	331242	47.071	ug/l	99
89) n-Butylbenzene	12.39	91	522671	50.396	ug/l	100
90) Hexachloroethane	12.60	117	92601	48.702	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	331760	46.570	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57649	51.317	ug/l	98

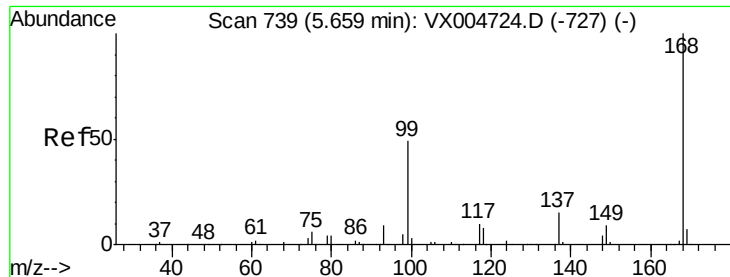
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	244988	49.024	ug/l	99
94) Hexachlorobutadiene	13.79	225	119445	46.093	ug/l	100
95) Naphthalene	13.83	128	815406	49.173	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	259134	50.197	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

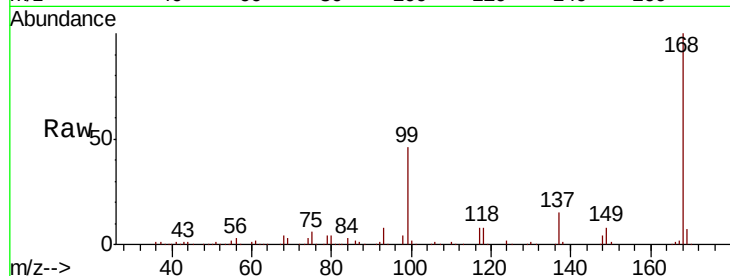
VSTDCCC050

Tot Ion:168 Resp: 233869

Ion Ratio Lower Upper

168 100

99 45.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

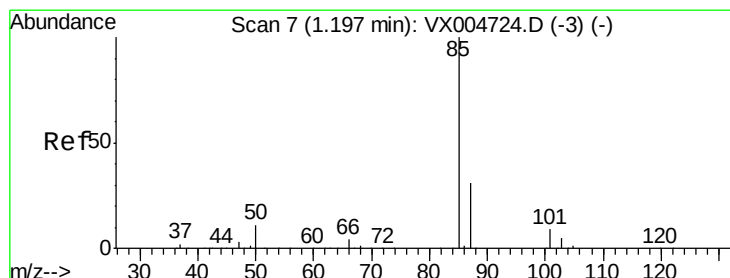
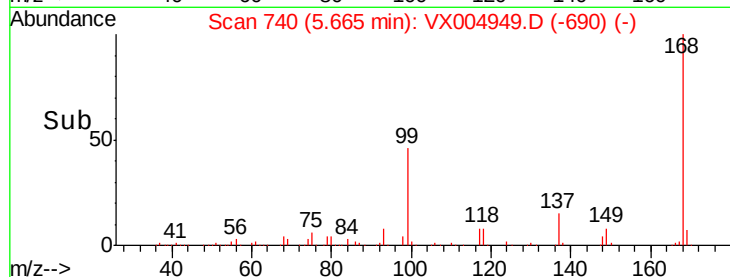
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.998 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004949.D

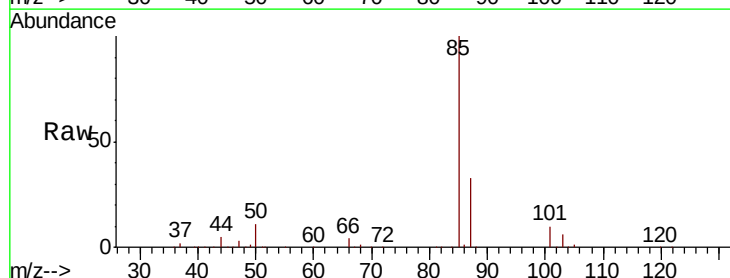
Acq: 03 Oct 2018 05:17

Tgt Ion: 85 Resp: 168996

Ion Ratio Lower Upper

85 100

87 32.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

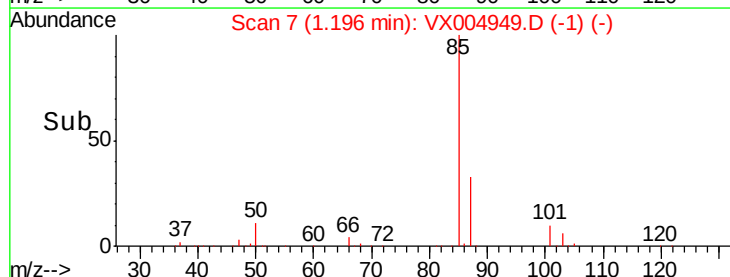
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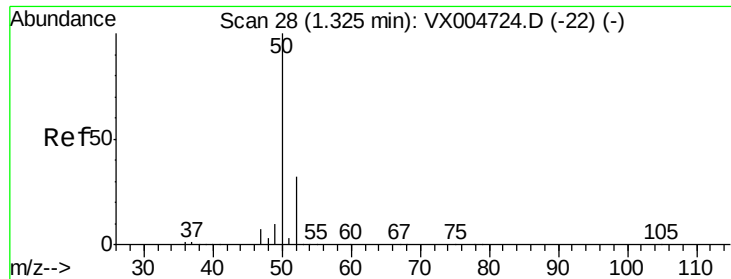
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 49.718 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

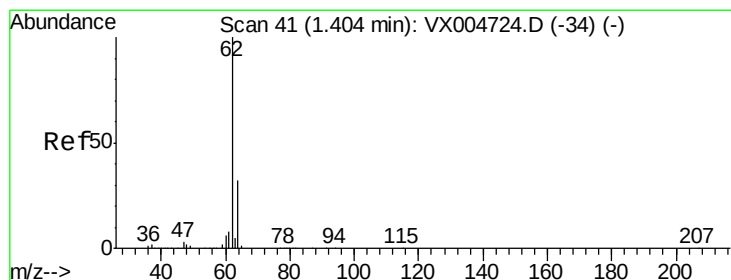
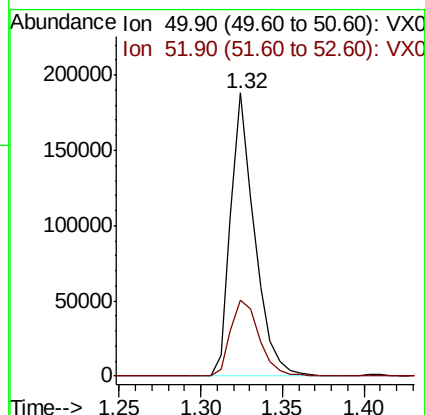
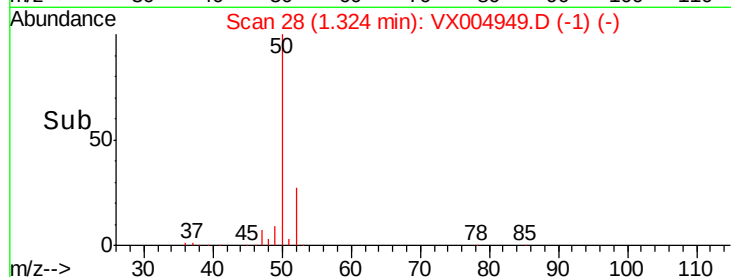
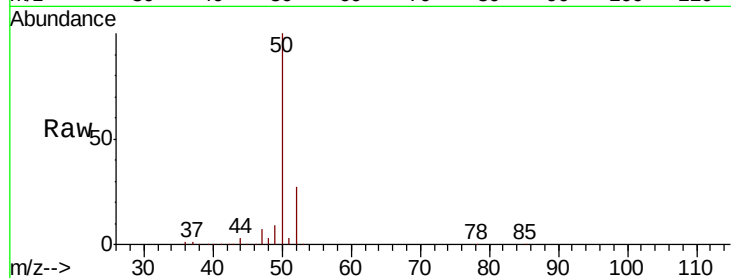
VSTDCCC050

Tot Ion: 50 Resp: 192343

Ion Ratio Lower Upper

50 100

52 26.7 25.8 38.6



#4

Vinyl Chloride

Concen: 50.565 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004949.D

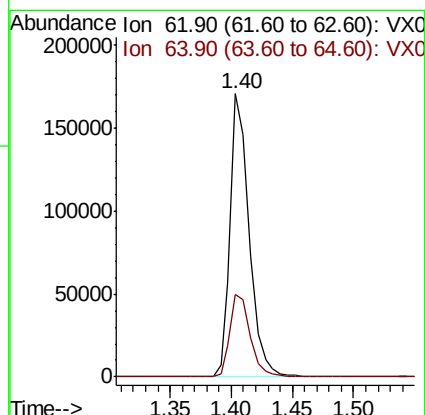
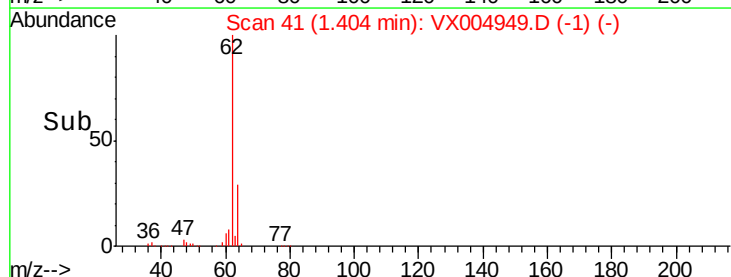
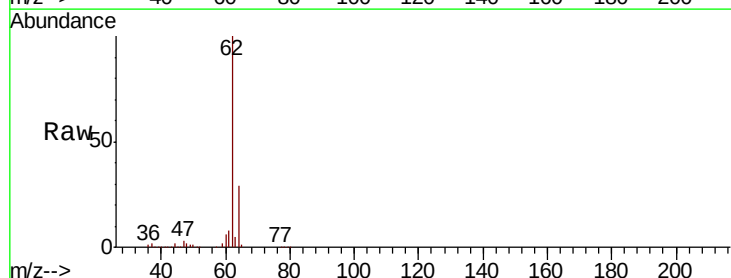
Acq: 03 Oct 2018 05:17

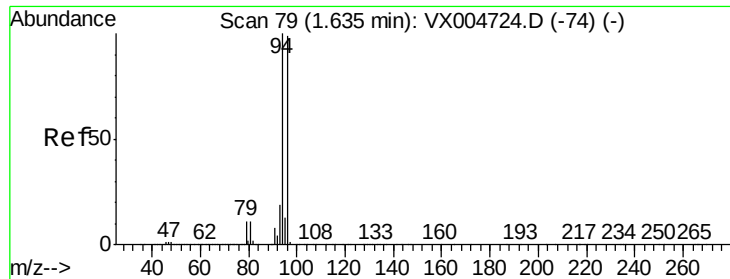
Tgt Ion: 62 Resp: 183474

Ion Ratio Lower Upper

62 100

64 29.1 25.5 38.3





#5

Bromomethane

Concen: 50.506 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

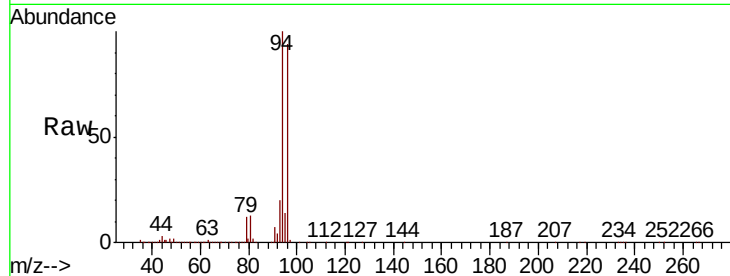
VSTDCCC050

Tot Ion: 94 Resp: 108672

Ion Ratio Lower Upper

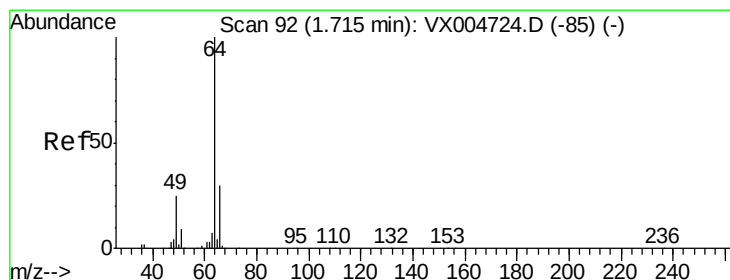
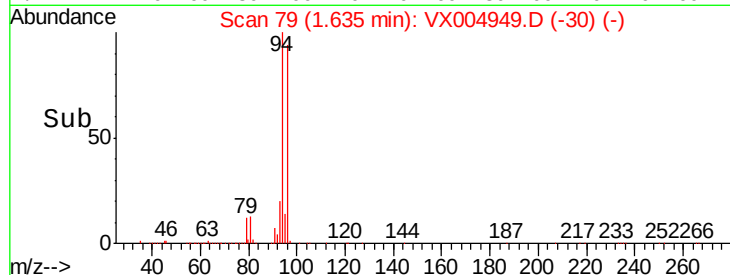
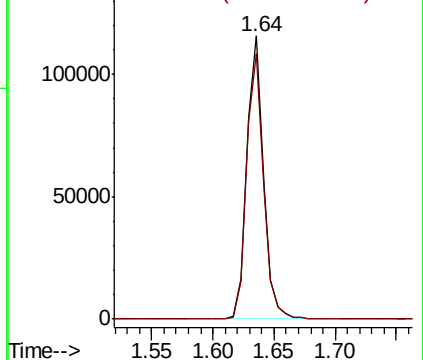
94 100

96 94.0 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.508 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX004949.D

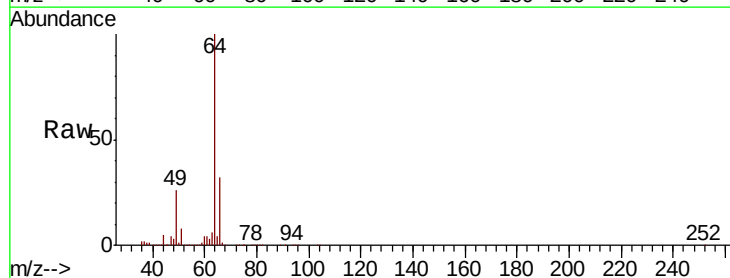
Acq: 03 Oct 2018 05:17

Tgt Ion: 64 Resp: 101714

Ion Ratio Lower Upper

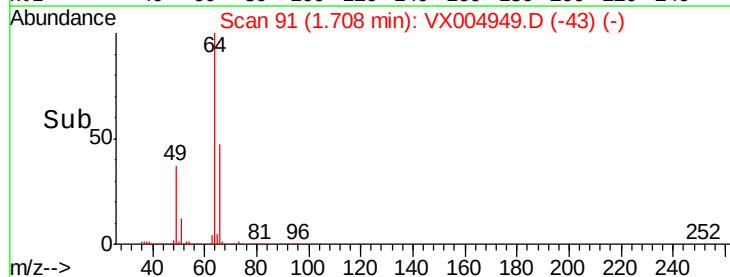
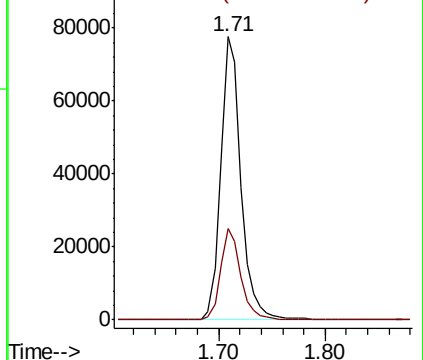
64 100

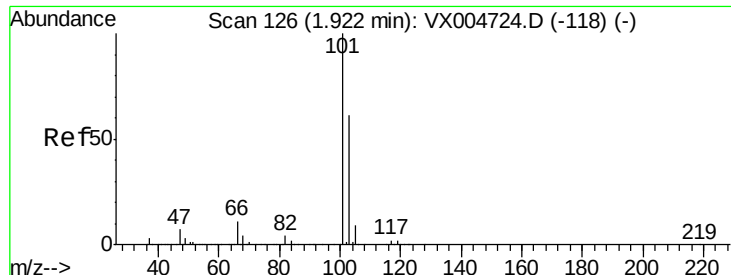
66 32.2 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



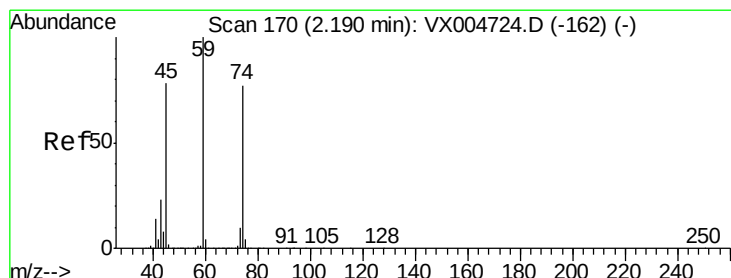
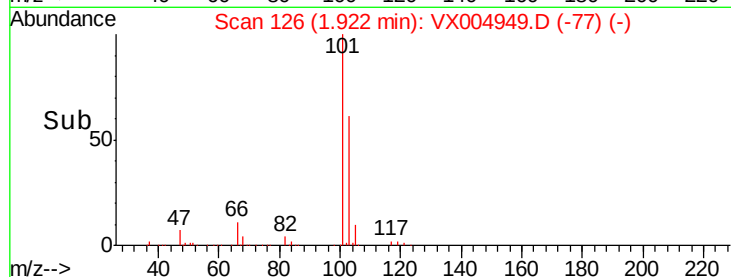
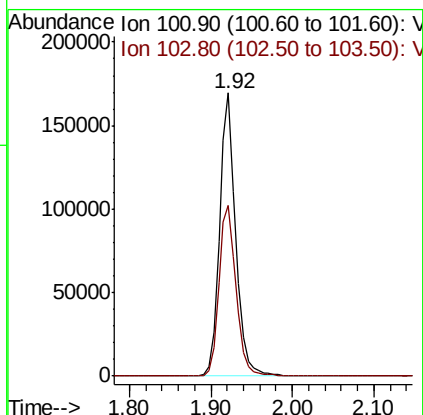
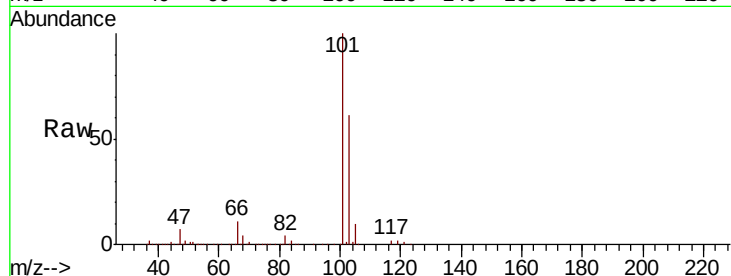


#7

Trichlorofluoromethane
 Concen: 51.968 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

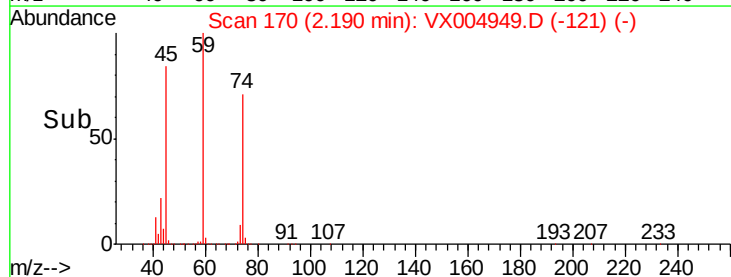
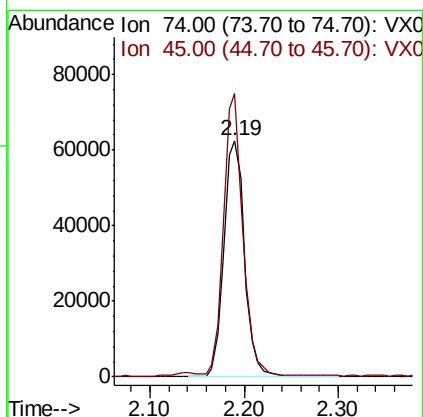
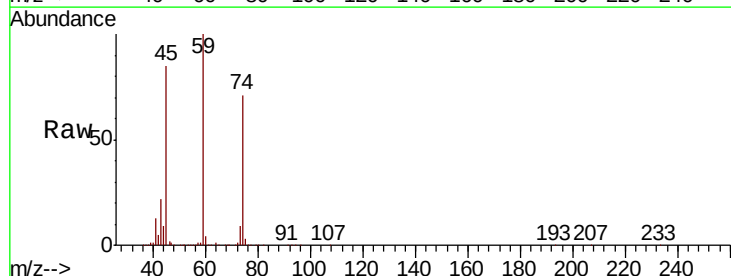
Tot Ion:101 Resp: 233443
 Ion Ratio Lower Upper
 101 100
 103 60.5 48.4 72.6

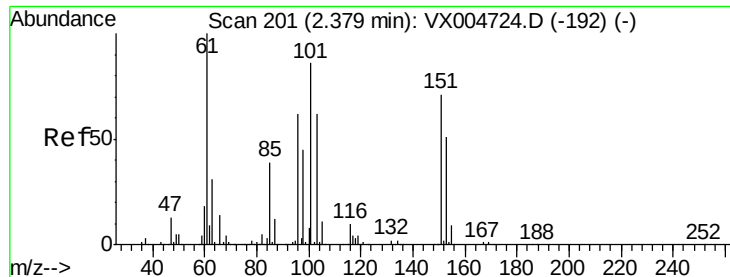


#8

Diethyl Ether
 Concen: 48.669 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion: 74 Resp: 94976
 Ion Ratio Lower Upper
 74 100
 45 111.1 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.797 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

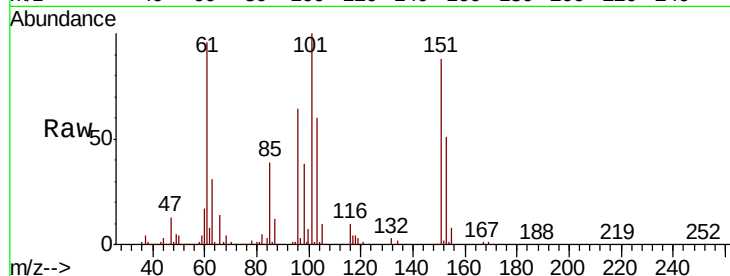
Tot Ion:101 Resp: 132538

Ion Ratio Lower Upper

101 100

85 44.1 35.9 53.9

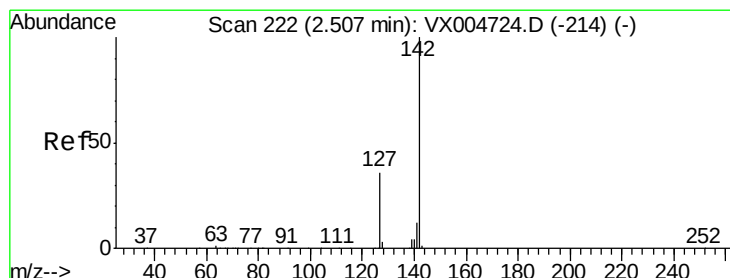
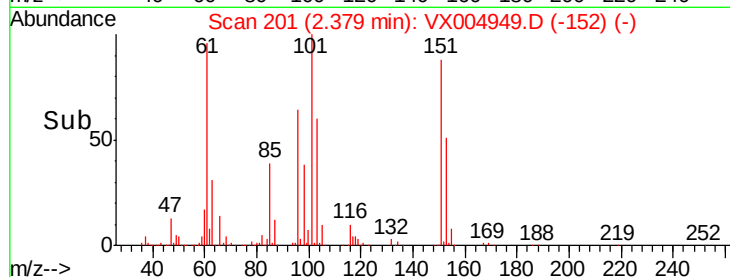
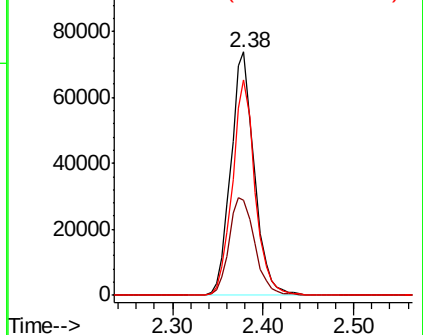
151 85.5 66.6 100.0



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: 37.573 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

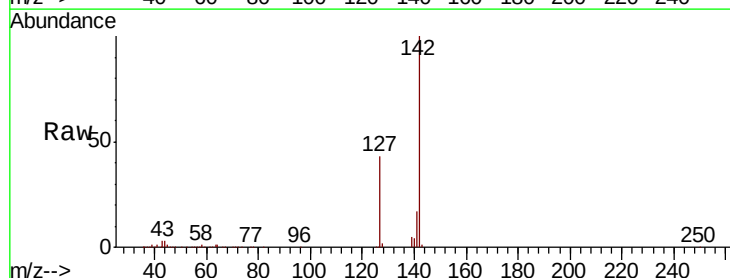
Tgt Ion:142 Resp: 128650

Ion Ratio Lower Upper

142 100

127 44.0 30.1 45.1

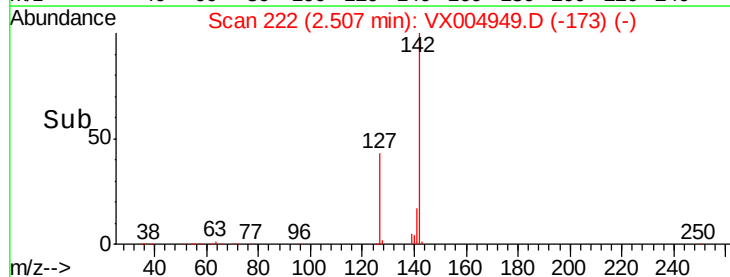
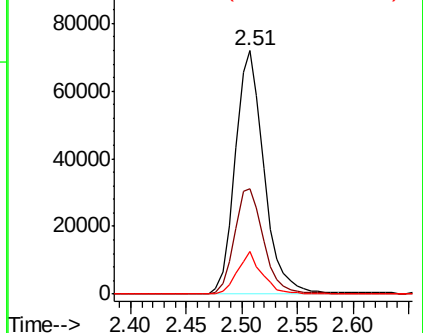
141 15.3 10.1 15.1#

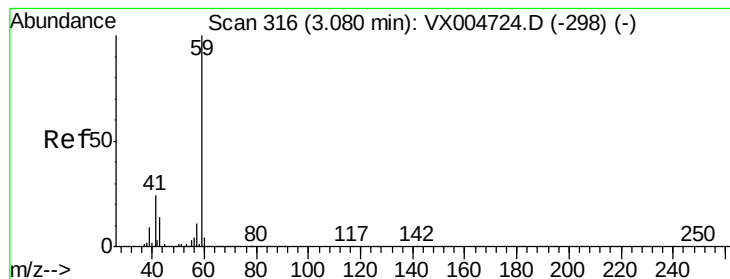


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



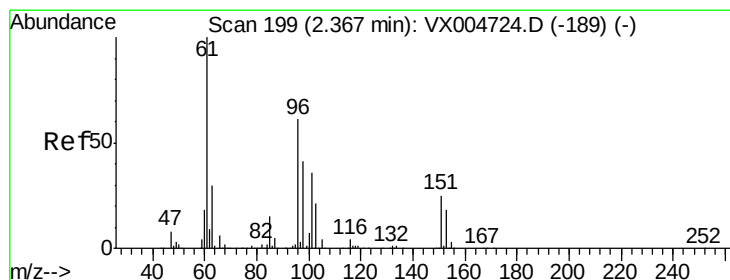
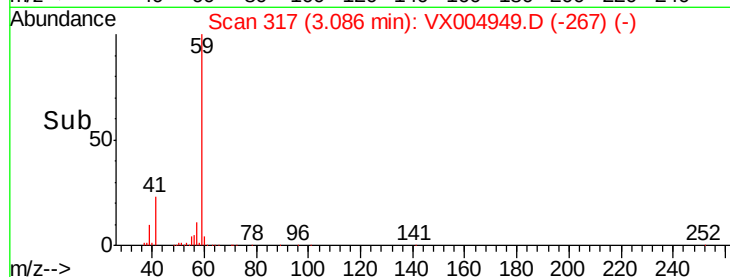
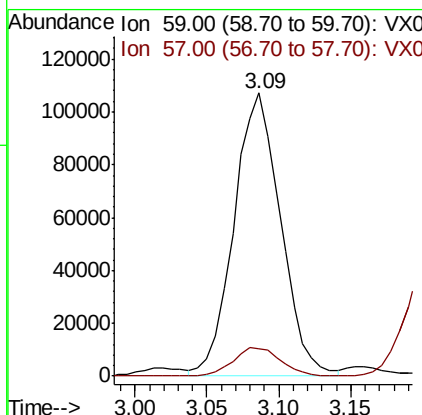
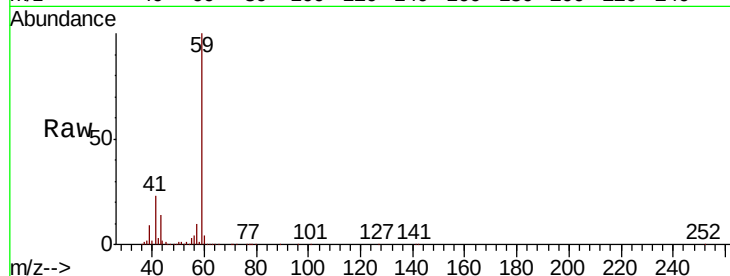


#11

Tert butyl alcohol
 Concen: 257.857 ug/l
 RT: 3.09 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

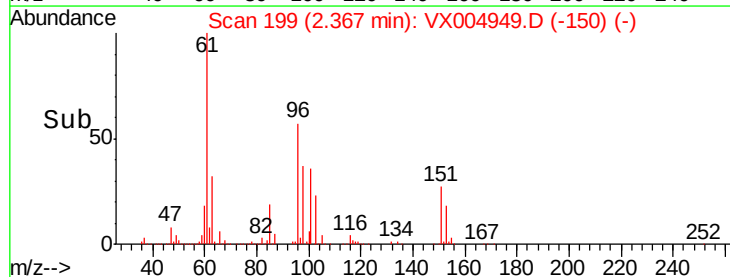
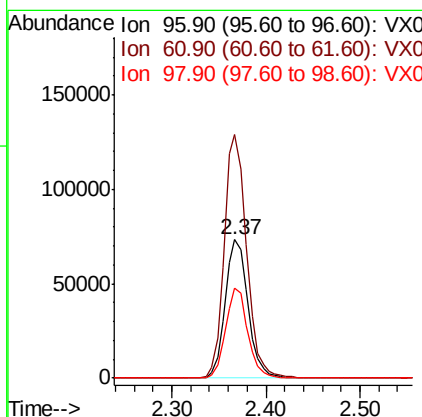
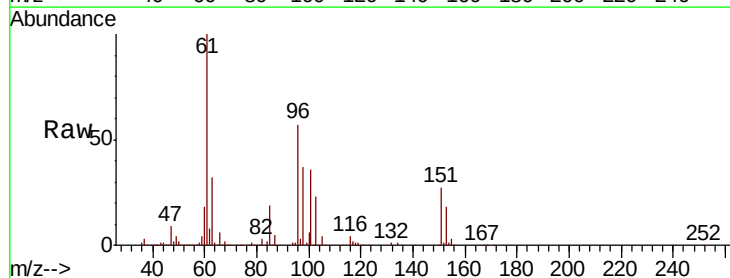
Tot Ion: 59 Resp: 240871
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.6 12.8

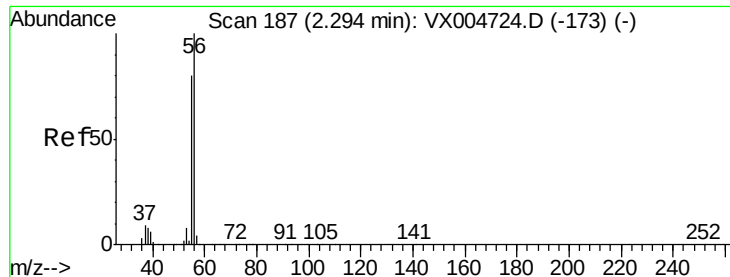


#12

1,1-Dichloroethene
 Concen: 48.600 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion: 96 Resp: 123154
 Ion Ratio Lower Upper
 96 100
 61 176.3 130.2 195.4
 98 65.6 53.4 80.0





#13

Acrolein

Concen: 172.128 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

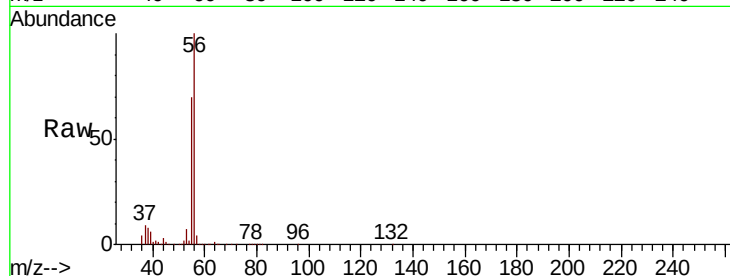
VSTDCCC050

Tot Ion: 56 Resp: 114401

Ion Ratio Lower Upper

56 100

55 75.5 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

80000

60000

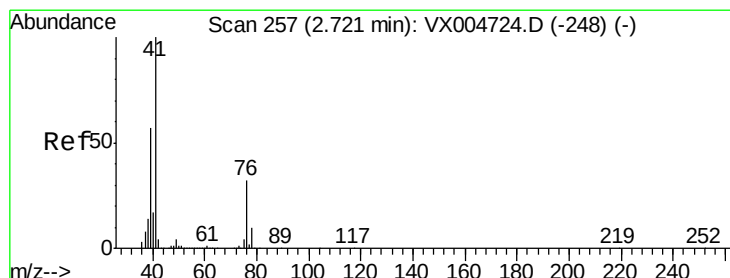
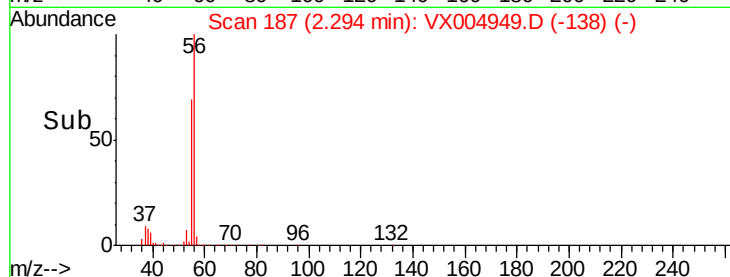
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 50.530 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

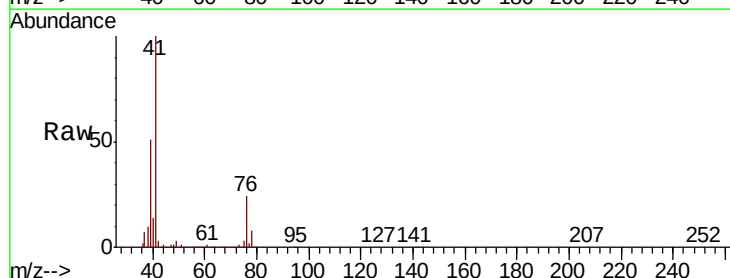
Tgt Ion: 41 Resp: 279384

Ion Ratio Lower Upper

41 100

39 55.4 44.1 66.1

76 27.5 25.0 37.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

200000

150000

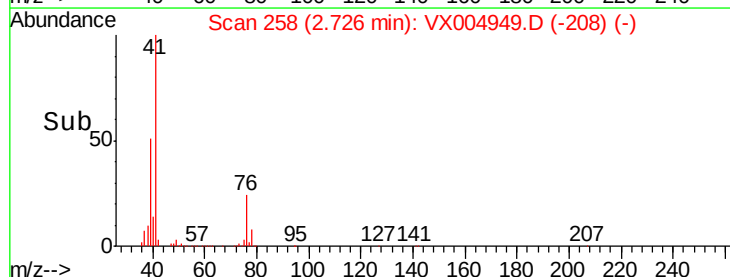
100000

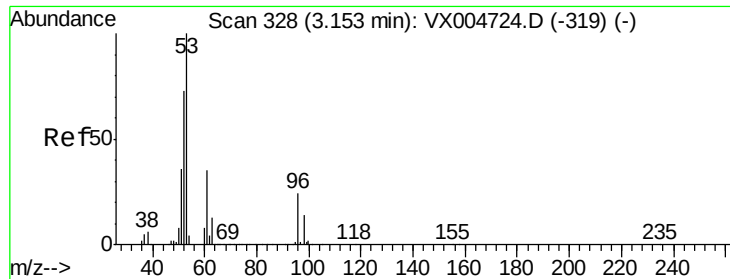
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 259.491 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

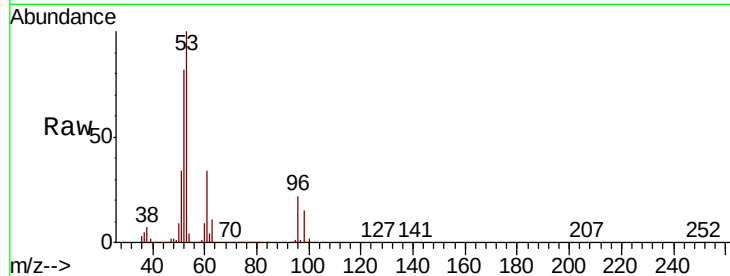
Tot Ion: 53 Resp: 533609

Ion Ratio Lower Upper

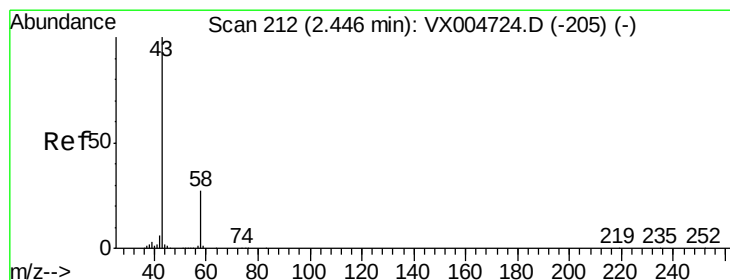
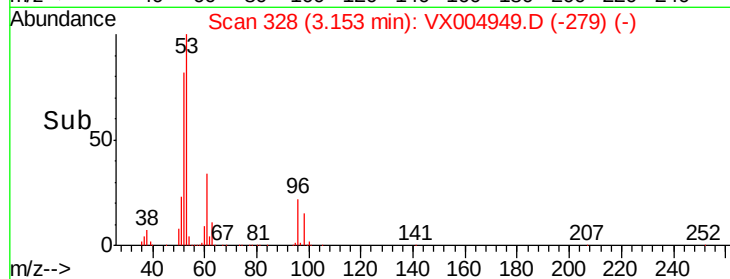
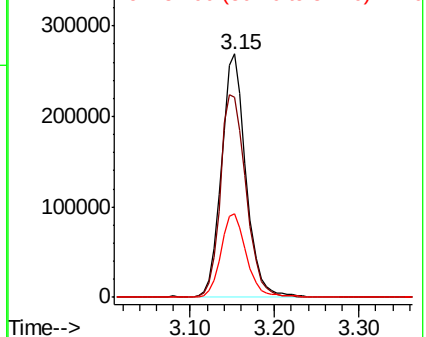
53 100

52 87.7 63.0 94.4

51 35.8 28.6 42.8



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: 247.300 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004949.D

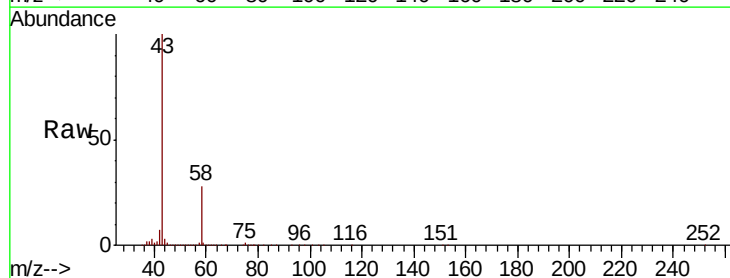
Acq: 03 Oct 2018 05:17

Tgt Ion: 43 Resp: 482343

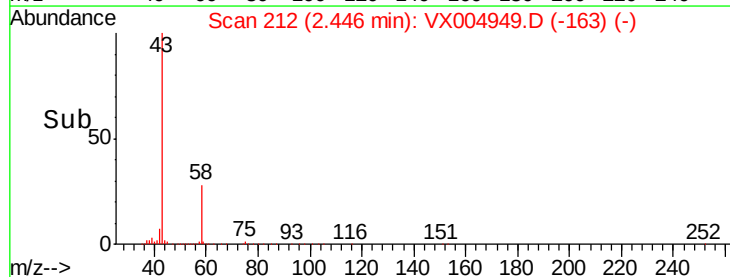
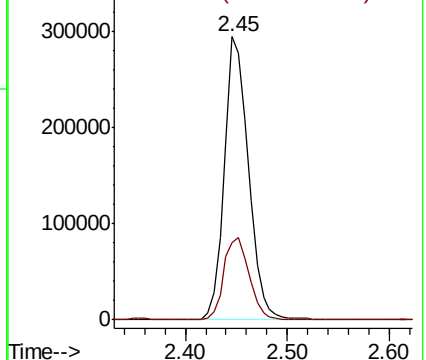
Ion Ratio Lower Upper

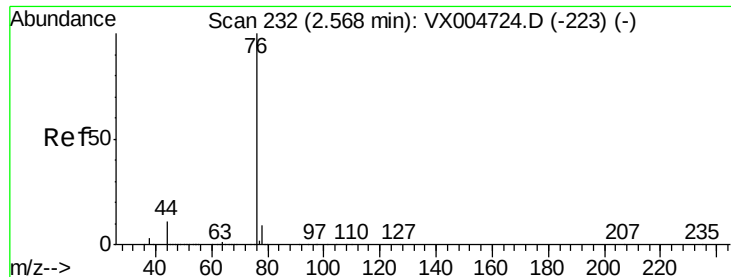
43 100

58 27.5 21.8 32.6



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





#17

Carbon Disulfide

Concen: 47.270 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

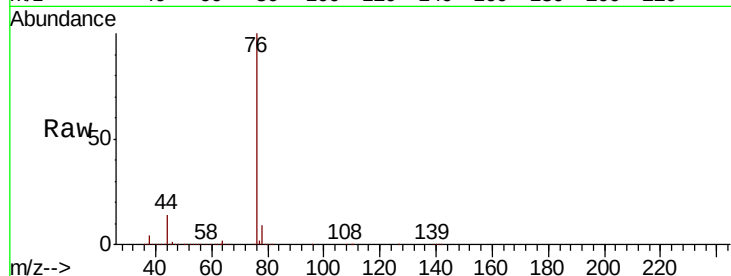
VSTDCCC050

Tot Ion: 76 Resp: 359941

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

0

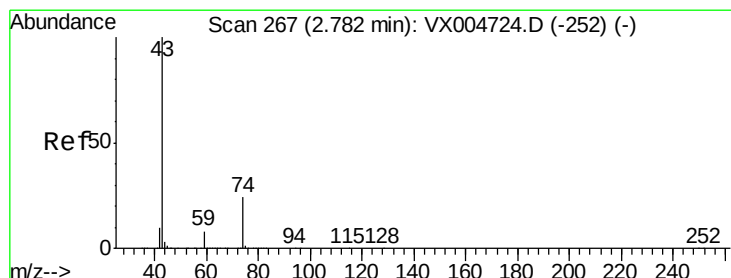
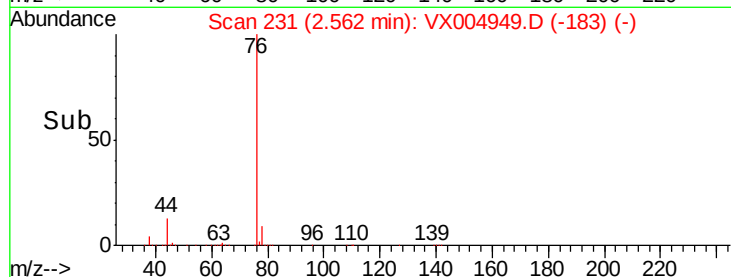
2.56

2.50

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 59.770 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX004949.D

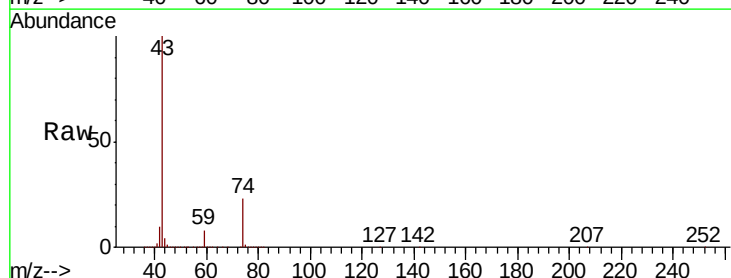
Acq: 03 Oct 2018 05:17

Tgt Ion: 43 Resp: 295360

Ion Ratio Lower Upper

43 100

74 21.5 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

150000

100000

50000

0

2.78

2.60

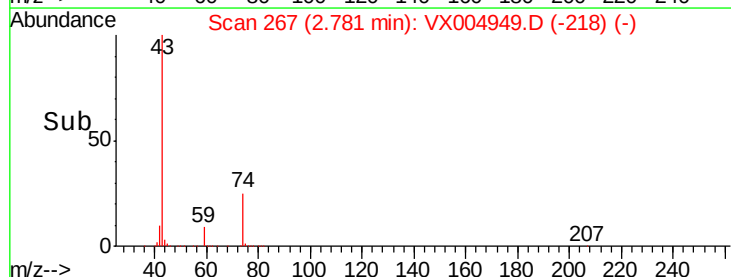
2.70

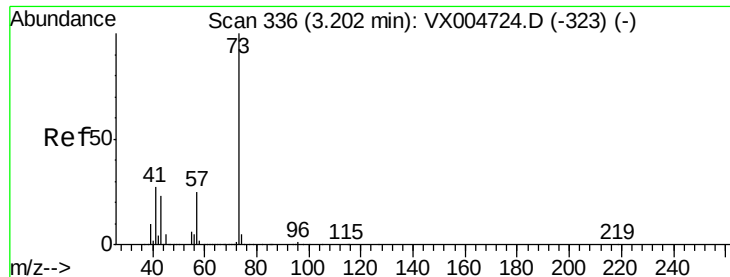
2.80

2.90

3.00

Time-->



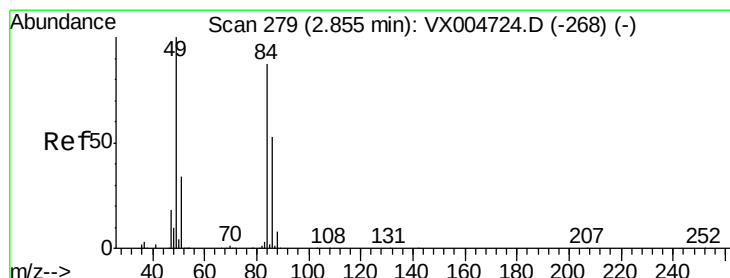
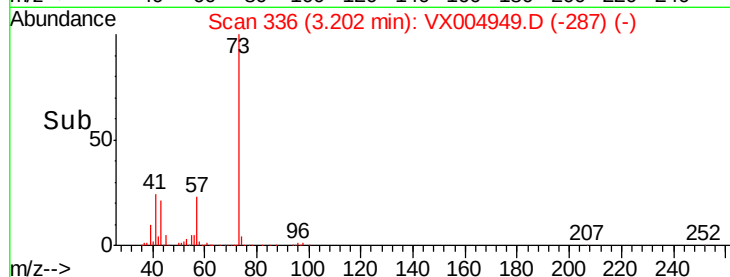
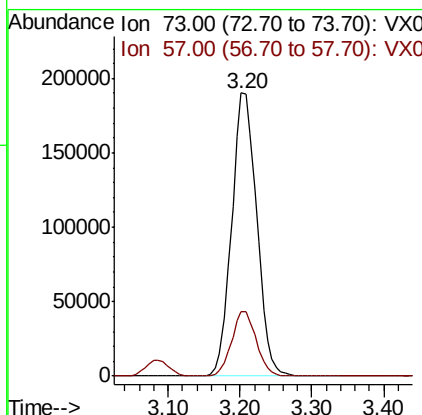
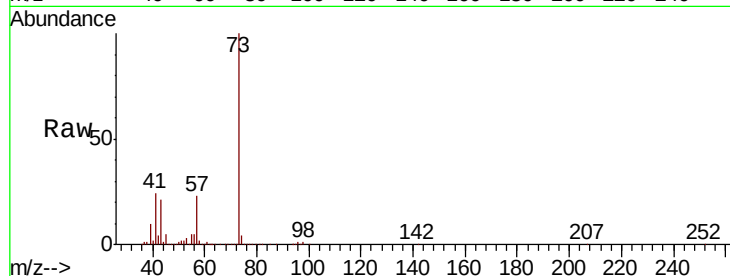


#19

Methyl tert-butyl Ether
 Concen: 52.806 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

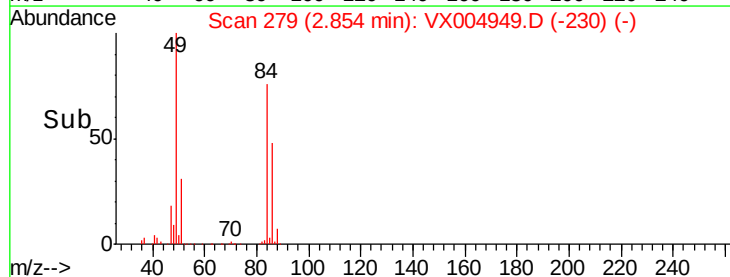
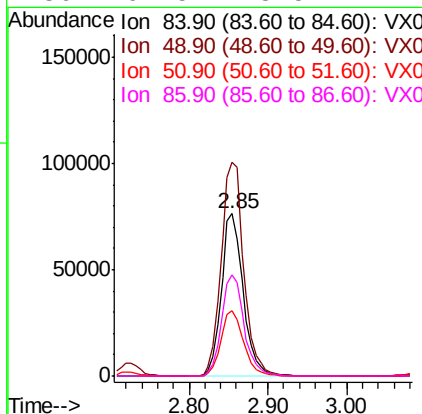
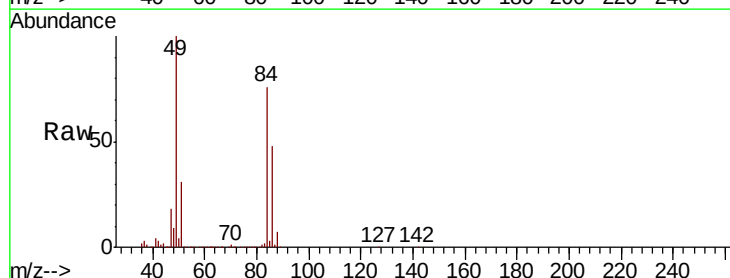
Tot Ion: 73 Resp: 461566
 Ion Ratio Lower Upper
 73 100
 57 22.7 19.9 29.9

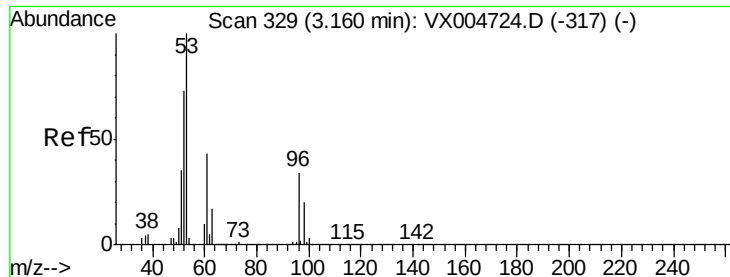


#20

Methylene Chloride
 Concen: 51.682 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion: 84 Resp: 146481
 Ion Ratio Lower Upper
 84 100
 49 131.6 92.3 138.5
 51 40.5 31.8 47.6
 86 62.5 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 47.739 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

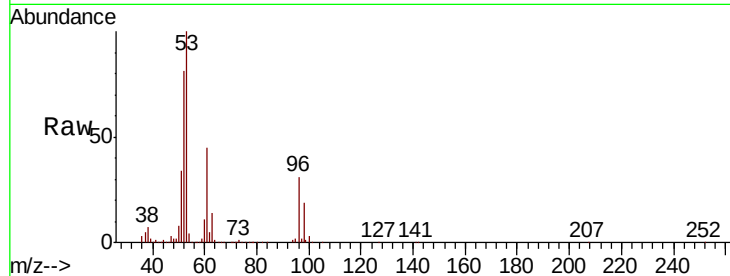
Tot Ion: 96 Resp: 132426

Ion Ratio Lower Upper

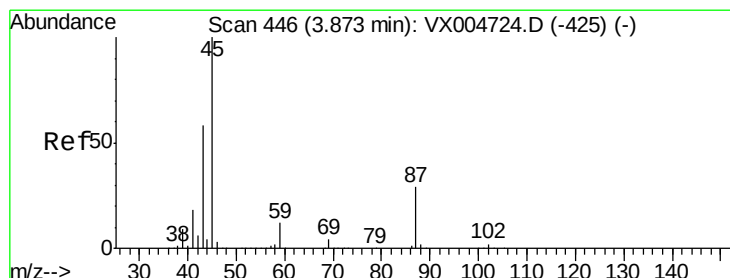
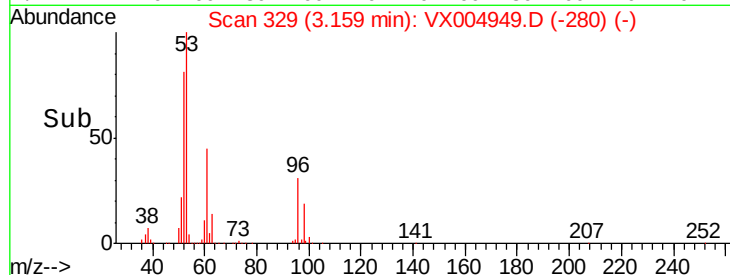
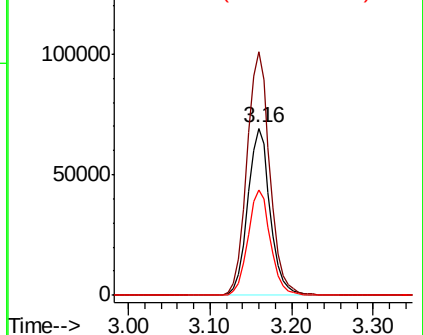
96 100

61 145.5 101.0 151.6

98 63.2 47.2 70.8



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



#22

Diisopropyl ether

Concen: 54.169 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Tgt Ion: 45 Resp: 504337

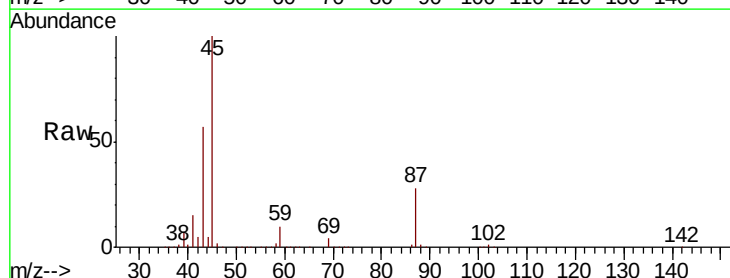
Ion Ratio Lower Upper

45 100

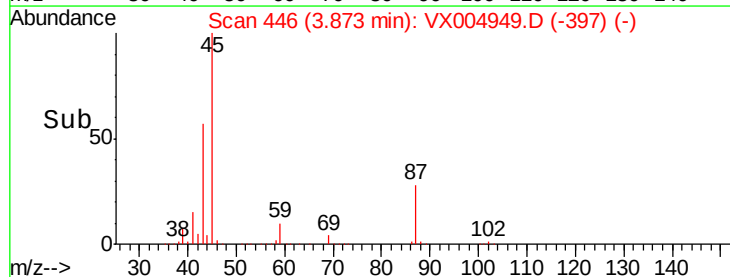
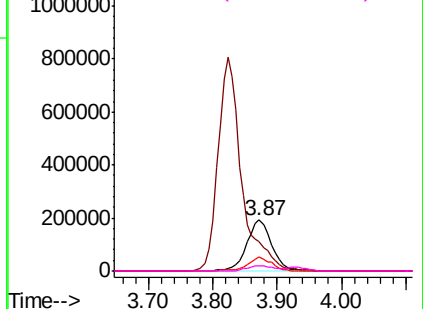
43 56.8 46.7 70.1

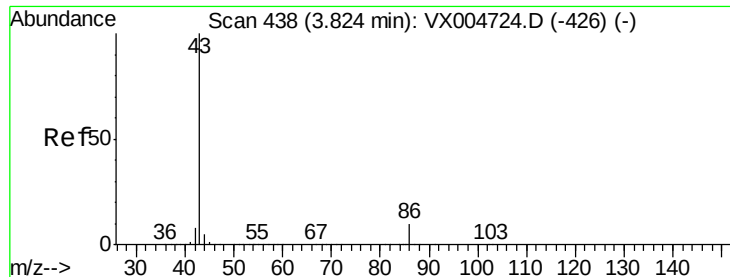
87 28.4 22.9 34.3

59 10.2 9.3 13.9



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: 244.518 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

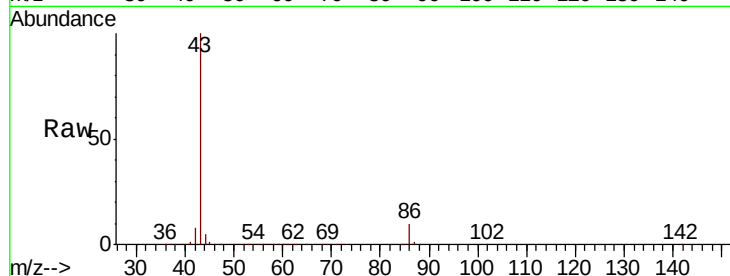
VSTDCCC050

Tot Ion: 43 Resp: 2083892

Ion Ratio Lower Upper

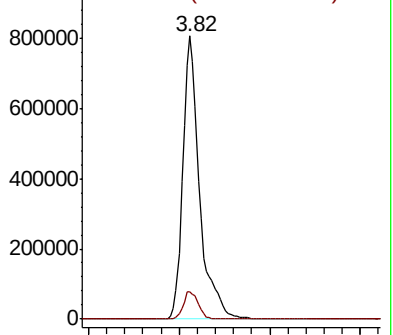
43 100

86 9.8 8.1 12.1

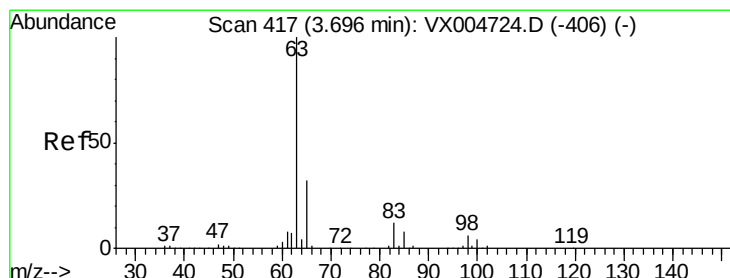
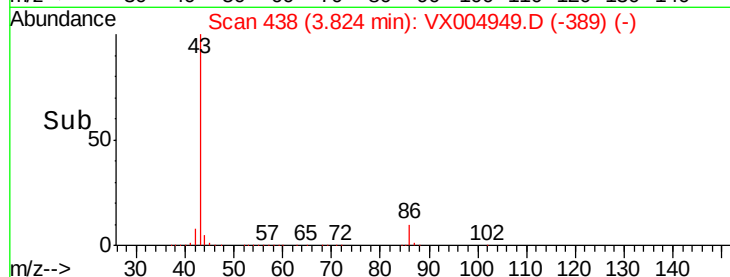


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 47.494 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

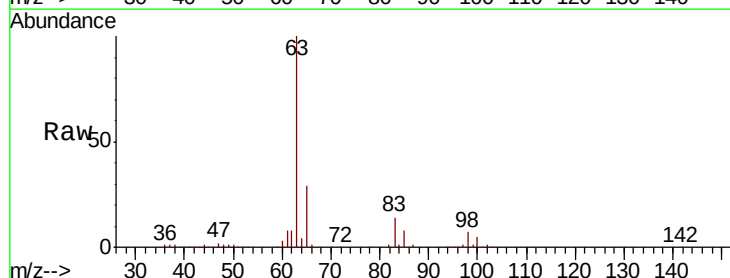
Tgt Ion: 63 Resp: 263775

Ion Ratio Lower Upper

63 100

98 7.2 3.0 9.2

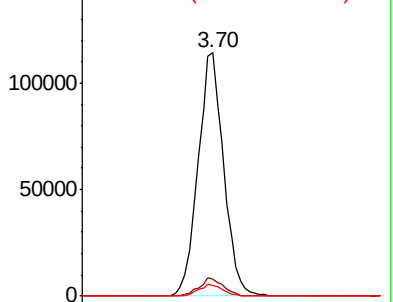
100 4.5 2.0 5.8



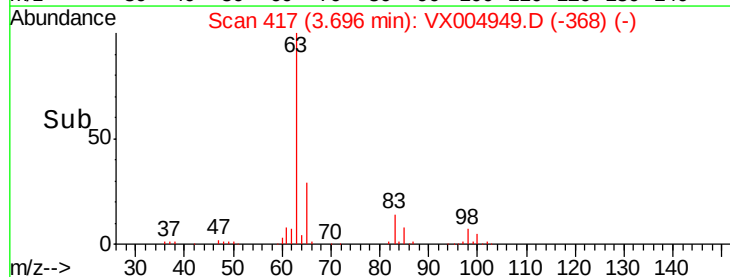
Abundance Ion 62.90 (62.60 to 63.60): VX0

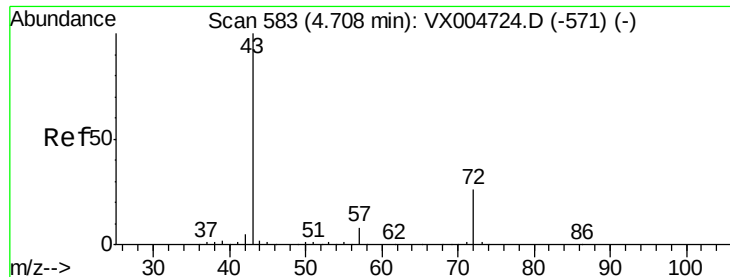
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 259.887 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

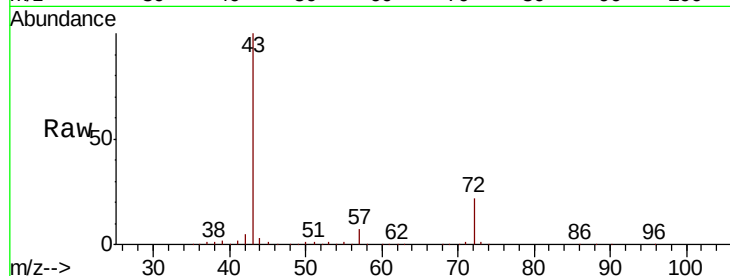
VSTDCCC050

Tot Ion: 43 Resp: 747175

Ion Ratio Lower Upper

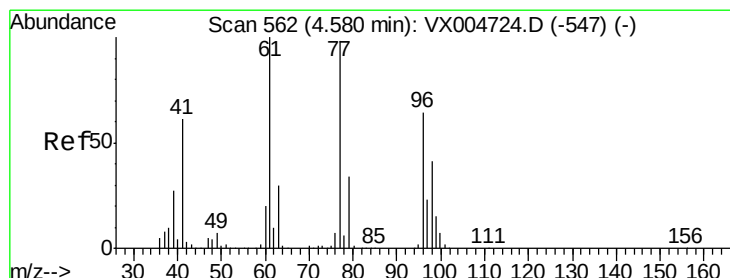
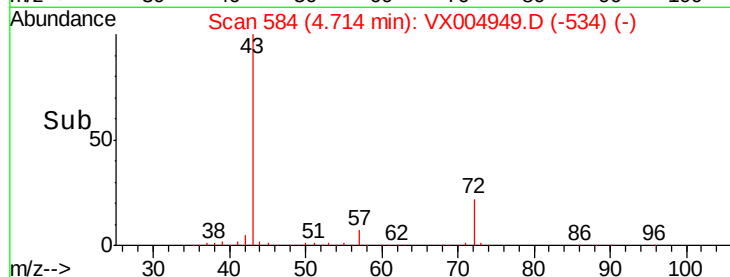
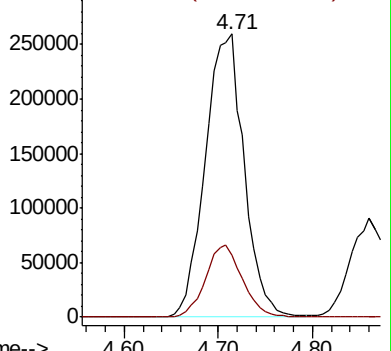
43 100

72 21.7 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 31.581 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX004949.D

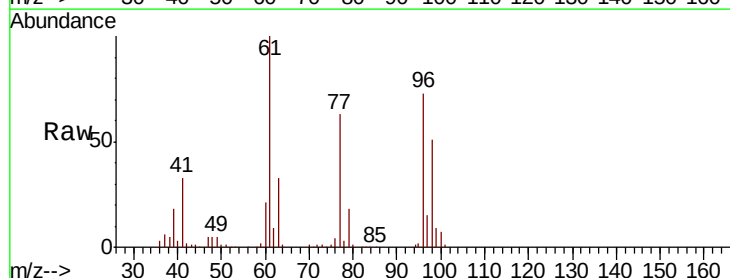
Acq: 03 Oct 2018 05:17

Tgt Ion: 77 Resp: 122136

Ion Ratio Lower Upper

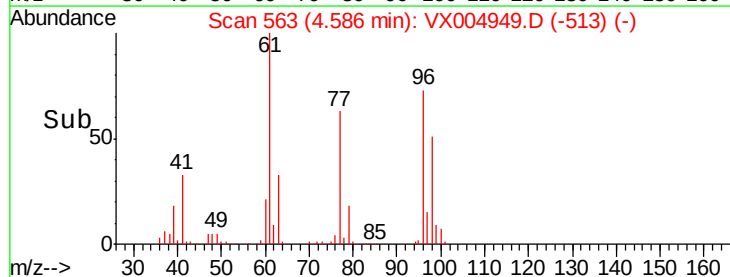
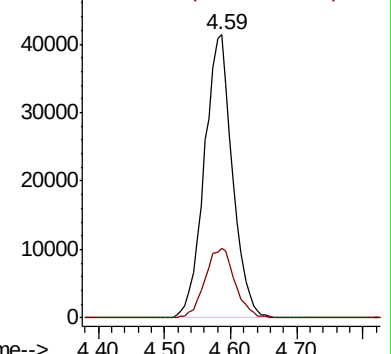
77 100

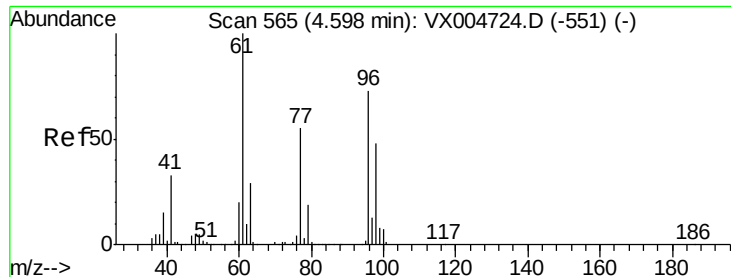
97 26.2 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



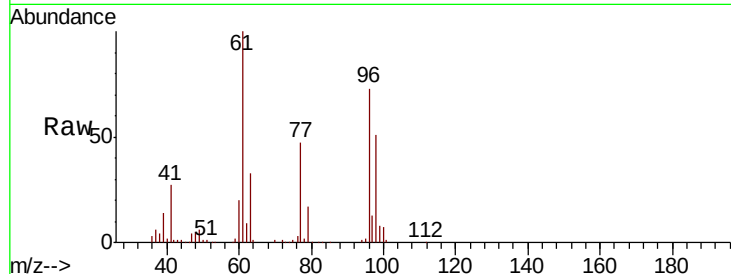


#27

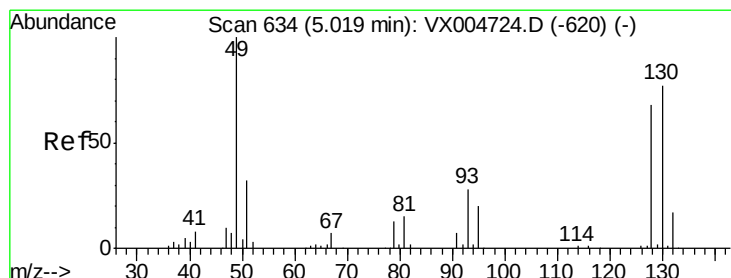
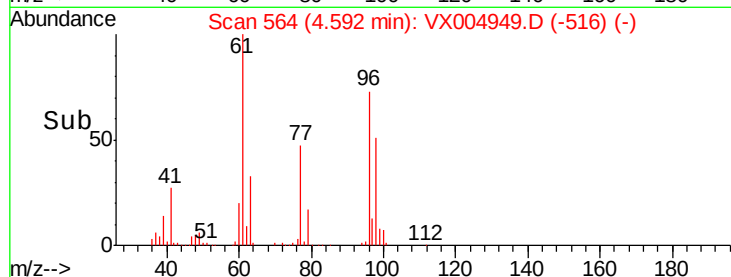
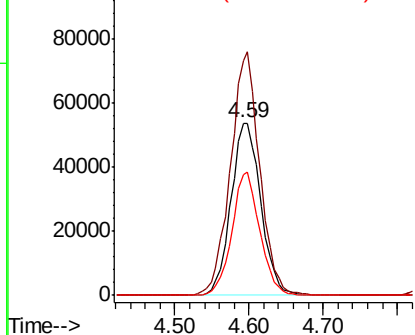
cis-1,2-Dichloroethene
 Concen: 48.596 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 150595
 Ion Ratio Lower Upper
 96 100
 61 138.8 0.0 285.8
 98 67.1 0.0 136.2



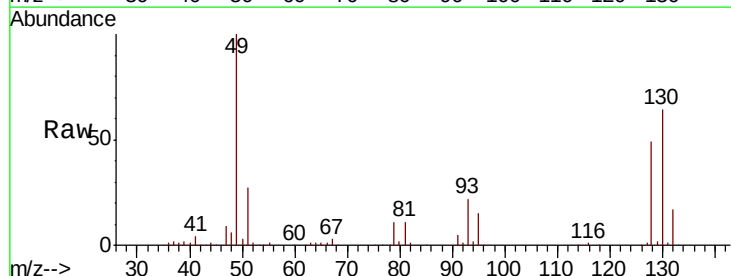
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



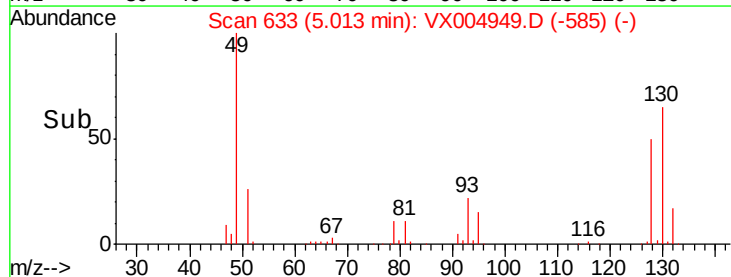
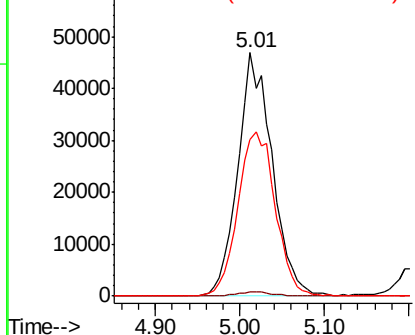
#28

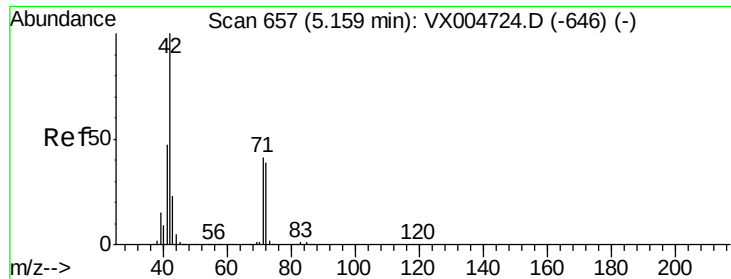
Bromochloromethane
 Concen: 49.485 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion: 49 Resp: 129420
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 73.1 62.0 93.0



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: 270.822 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

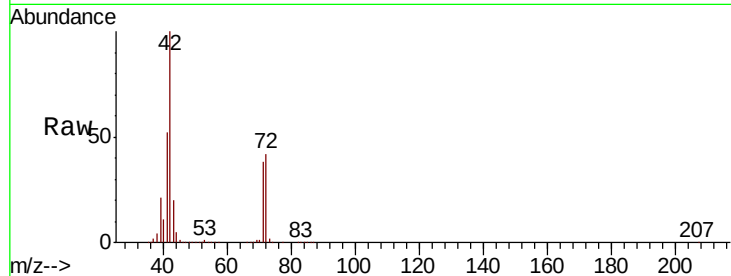
Tot Ion: 42 Resp: 483937

Ion Ratio Lower Upper

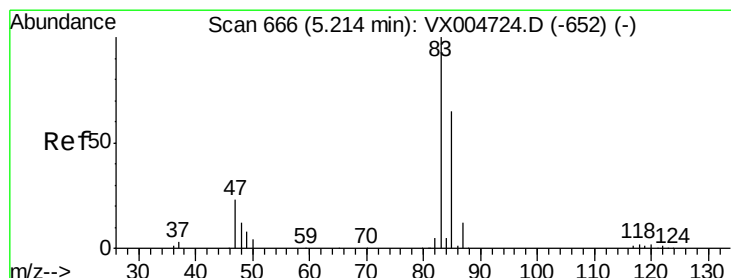
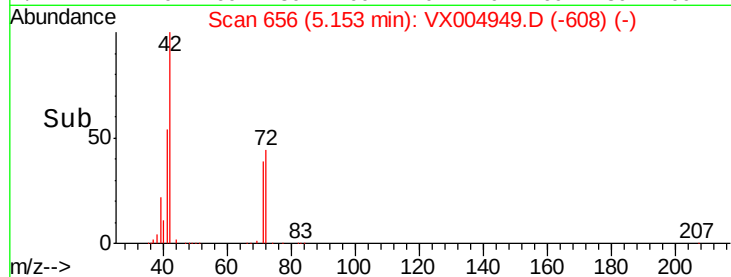
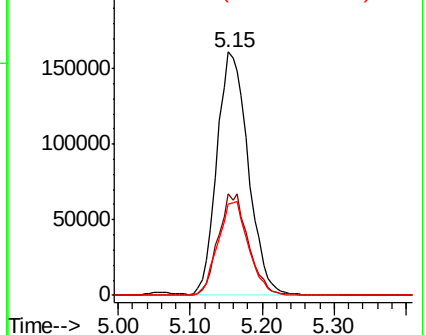
42 100

72 40.6 33.7 50.5

71 37.9 32.2 48.4



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



#30

Chloroform

Concen: 48.217 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004949.D

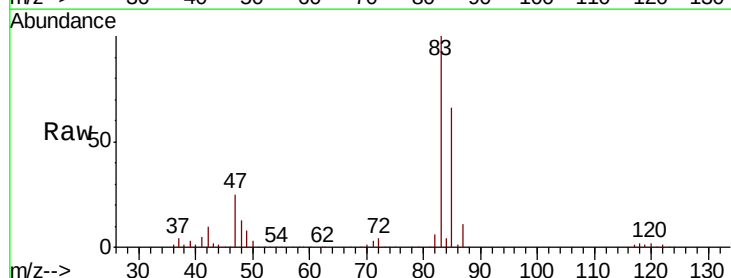
Acq: 03 Oct 2018 05:17

Tgt Ion: 83 Resp: 253085

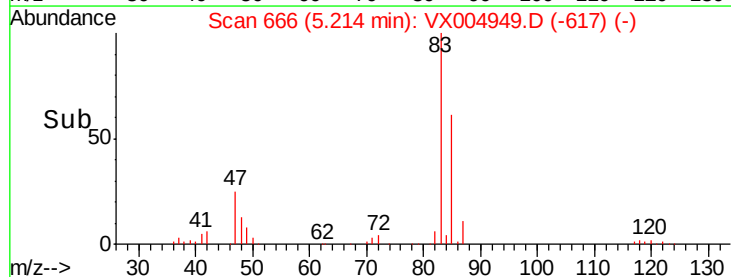
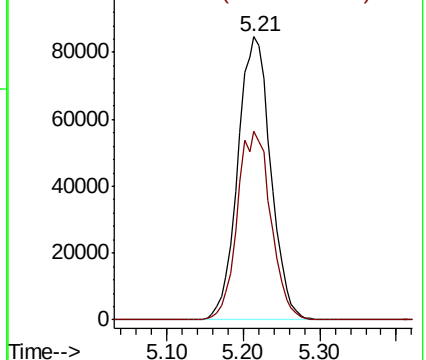
Ion Ratio Lower Upper

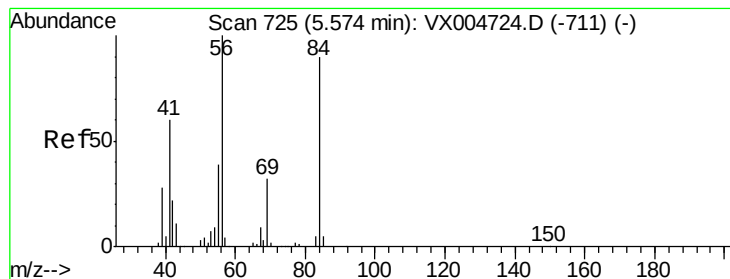
83 100

85 66.5 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.779 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

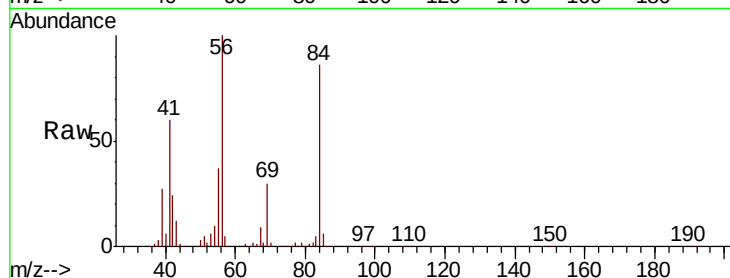
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 215847

Ion	Ratio	Lower	Upper
56	100		
69	30.2	25.9	38.9
84	84.7	71.9	107.9

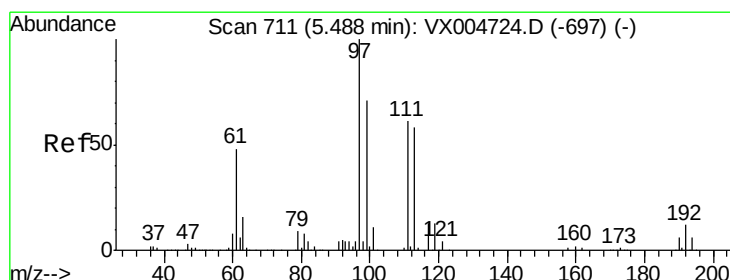
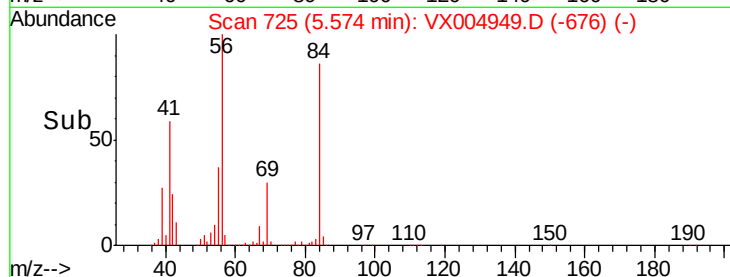
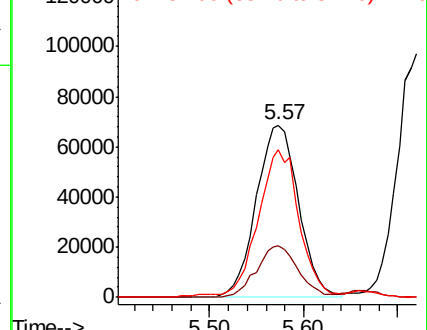


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.081 ug/l

RT: 5.49 min Scan# 712

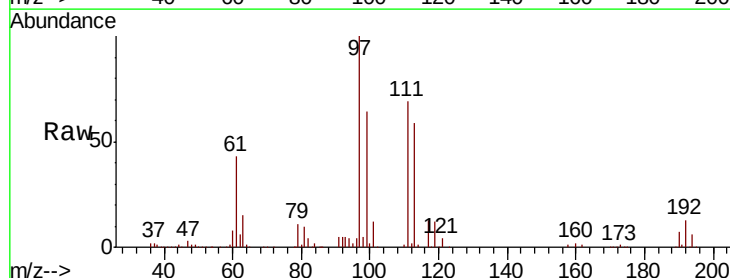
Delta R.T. 0.01 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Tgt Ion: 97 Resp: 210395

Ion	Ratio	Lower	Upper
97	100		
99	64.9	54.6	82.0
61	45.2	37.5	56.3

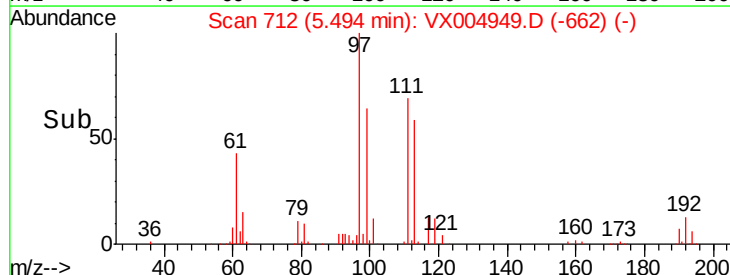
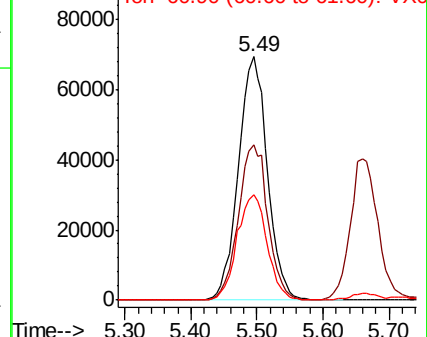


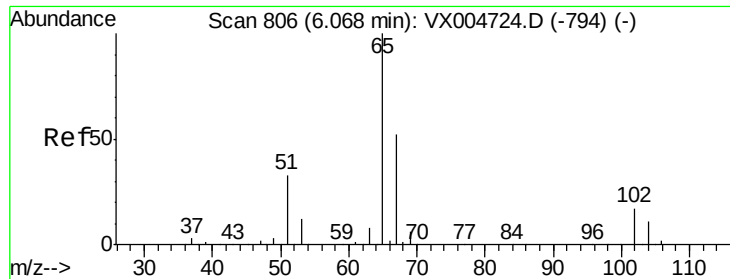
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

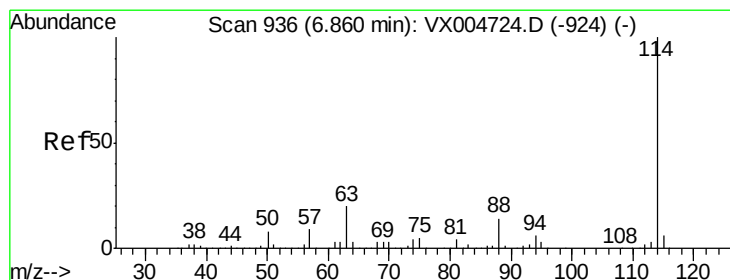
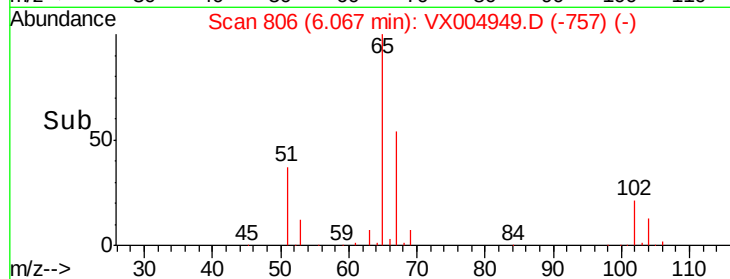
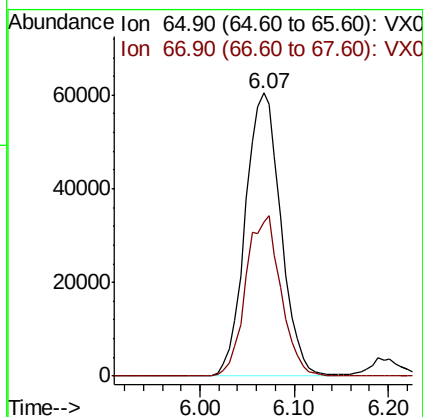
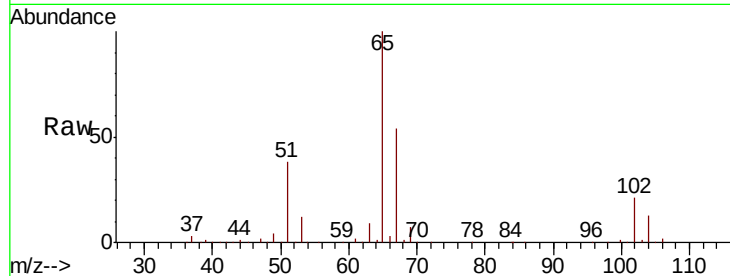




#33
 1,2-Dichloroethane-d4
 Concen: 47.916 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

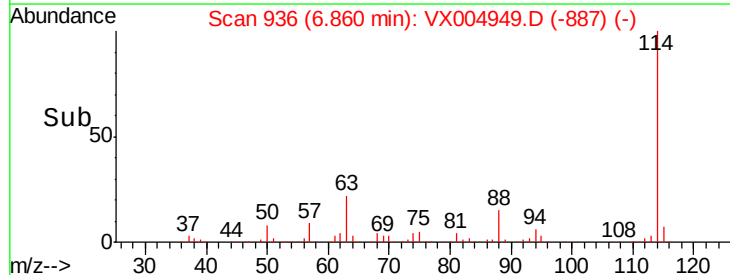
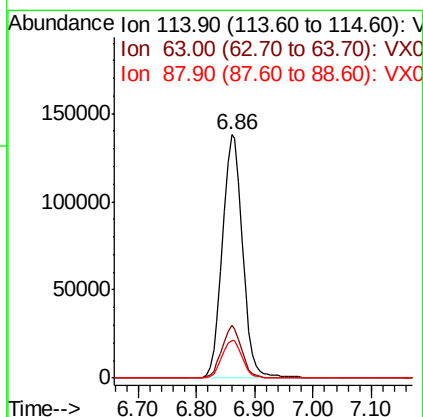
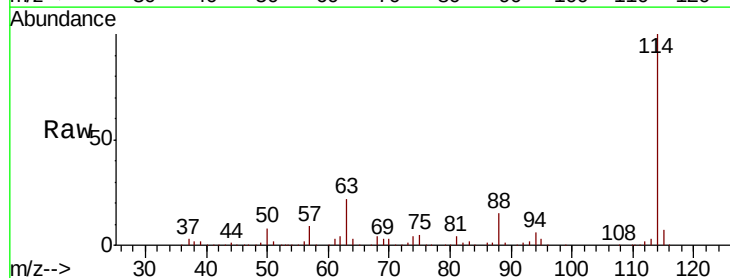
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

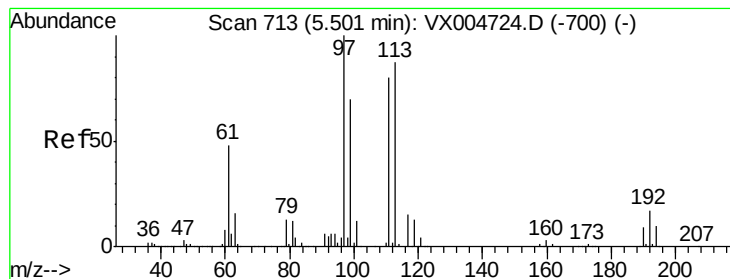
Tot Ion: 65 Resp: 160079
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion: 114 Resp: 335356
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 39.8
 88 15.2 0.0 27.0





#35

Dibromofluoromethane

Concen: 46.034 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

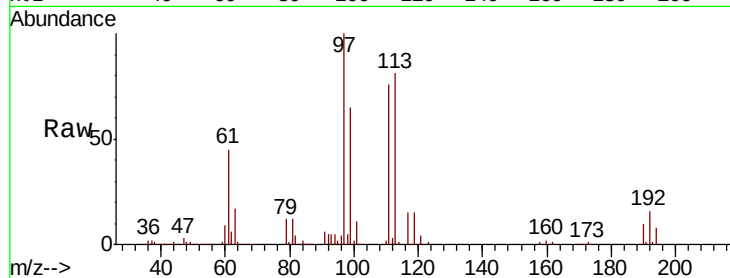
Tot Ion:113 Resp: 130837

Ion Ratio Lower Upper

113 100

111 105.3 77.0 115.4

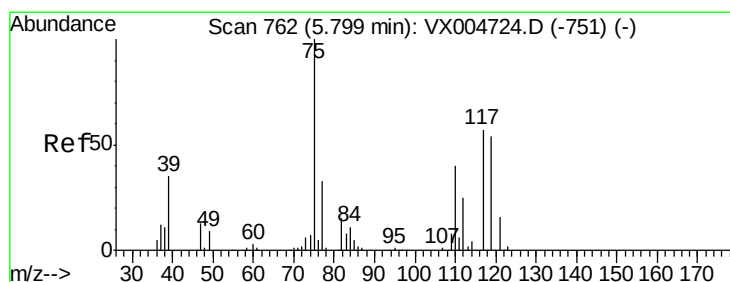
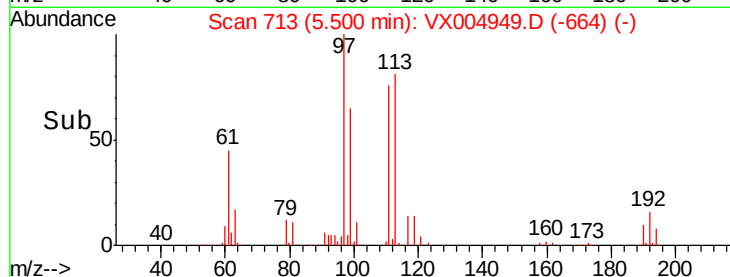
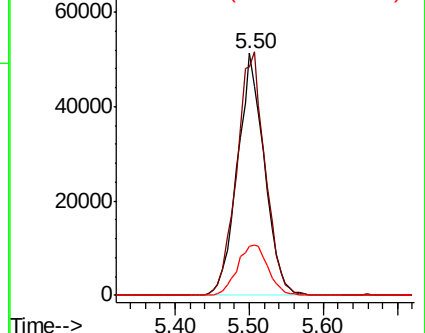
192 23.7 17.0 25.6



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: 46.177 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

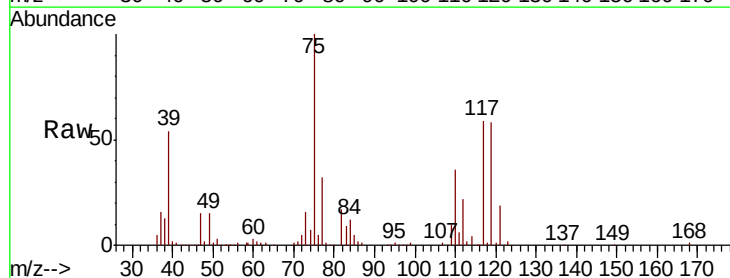
Tgt Ion: 75 Resp: 179066

Ion Ratio Lower Upper

75 100

110 36.9 20.0 59.9

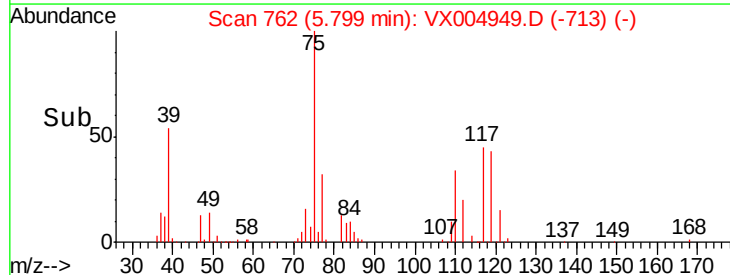
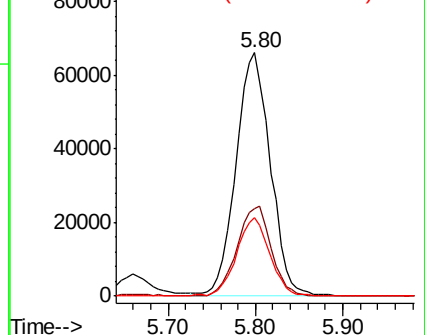
77 31.6 27.1 40.7

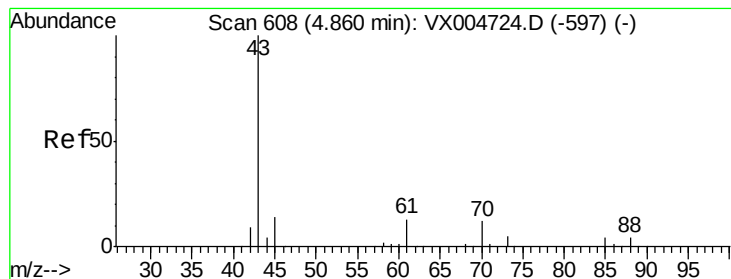


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 50.282 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

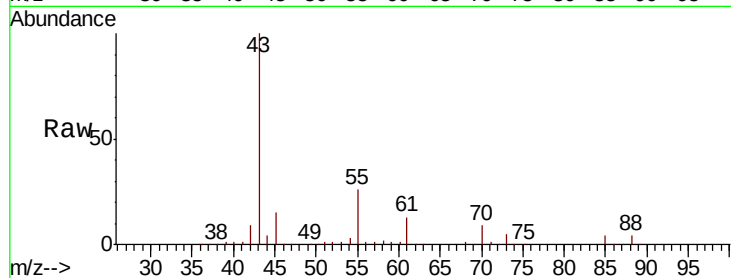
Tot Ion: 43 Resp: 258824

Ion Ratio Lower Upper

43 100

61 13.5 10.4 15.6

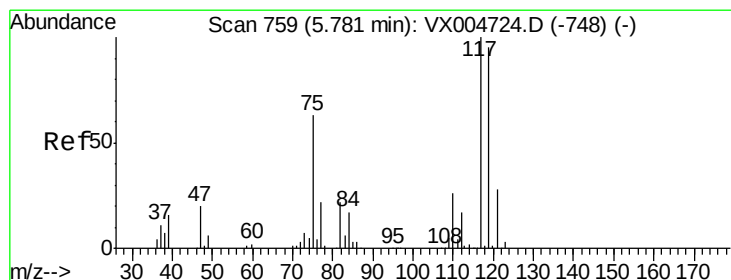
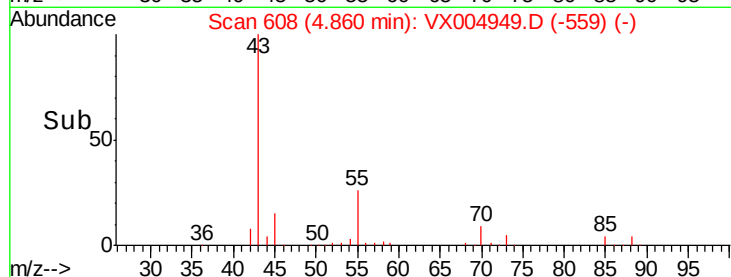
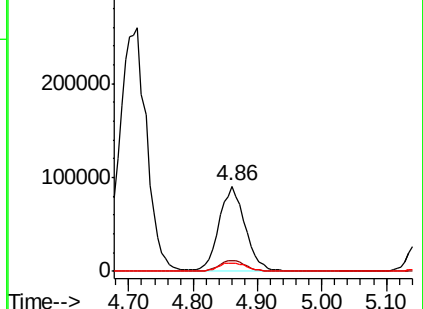
70 10.6 8.7 13.1



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: 45.538 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

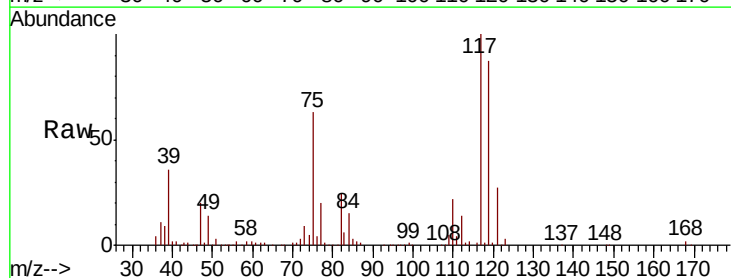
Tgt Ion: 117 Resp: 185626

Ion Ratio Lower Upper

117 100

119 86.5 75.2 112.8

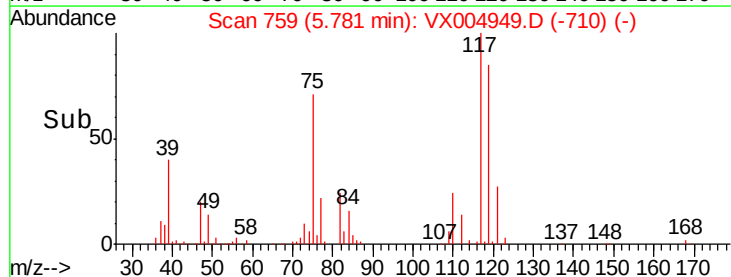
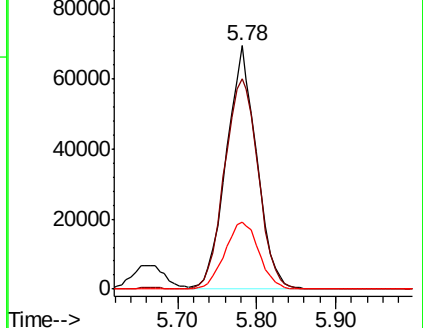
121 27.5 22.5 33.7

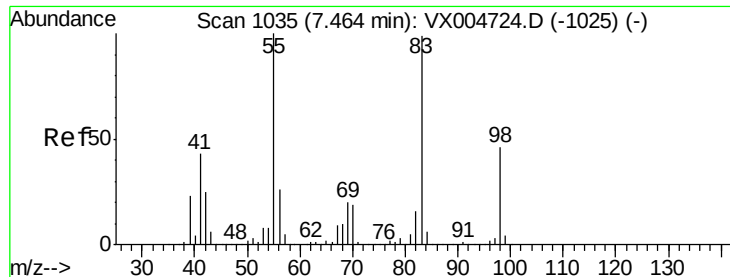


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

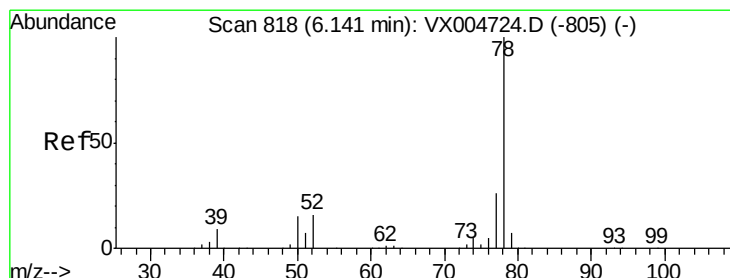
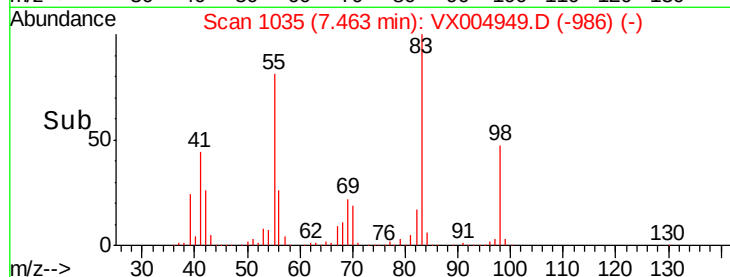
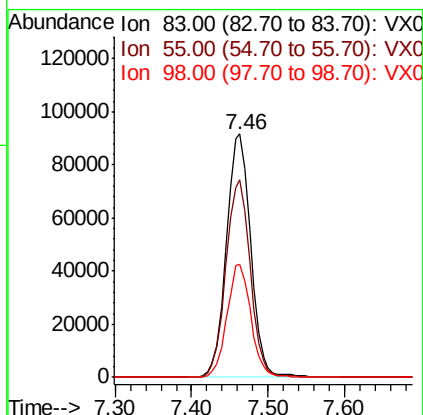
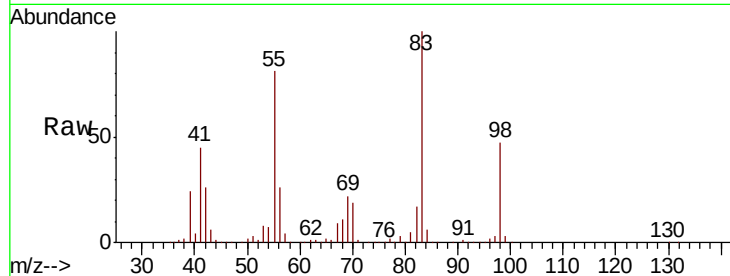




#39
Methylvlcyclohexane
Concen: 50.968 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

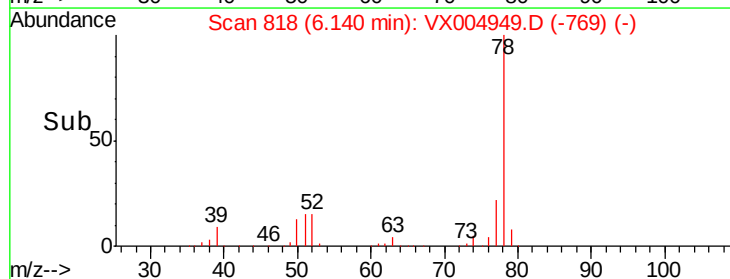
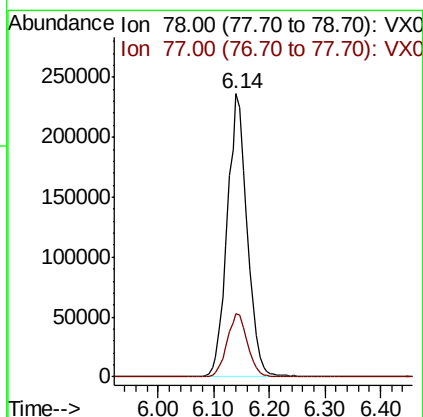
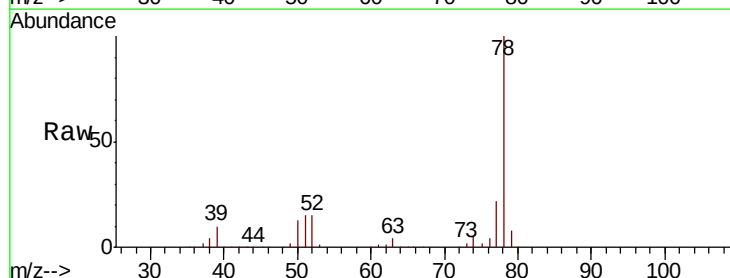
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

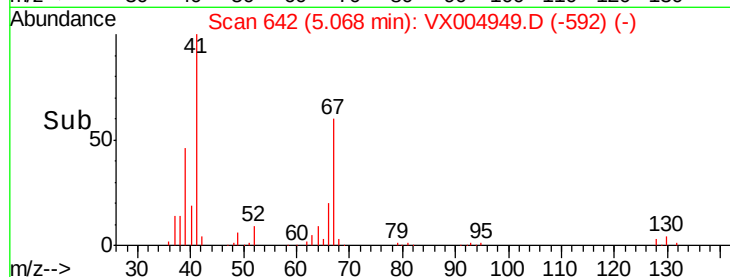
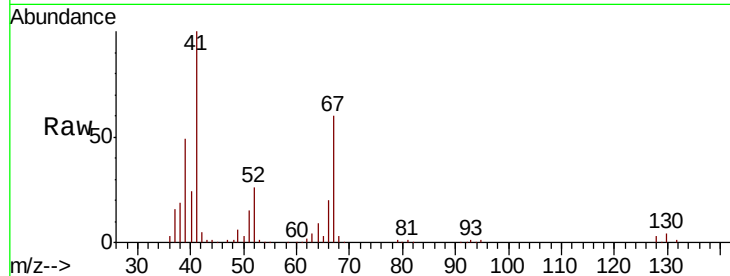
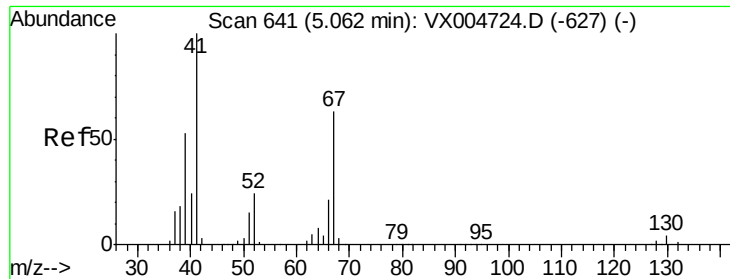
Tot Ion: 83 Resp: 201814
Ion Ratio Lower Upper
83 100
55 81.0 81.1 121.7#
98 46.7 37.3 55.9



#40
Benzene
Concen: 48.197 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion: 78 Resp: 585125
Ion Ratio Lower Upper
78 100
77 22.4 21.0 31.4

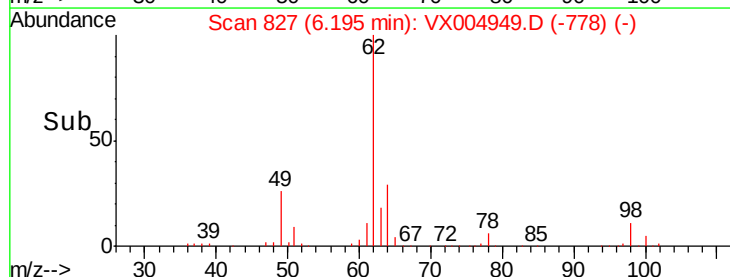
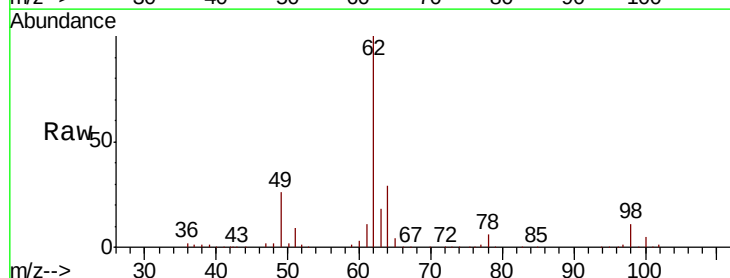
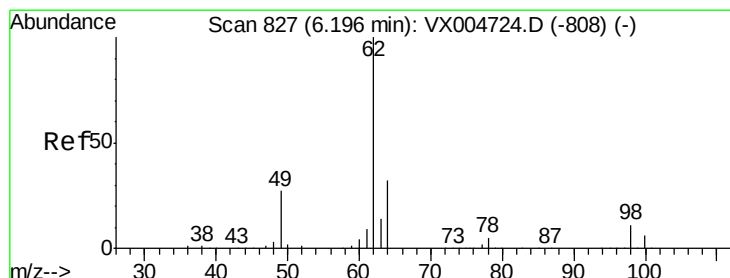
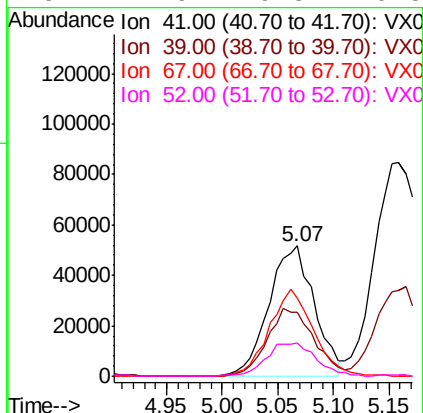




#41
Methacrylonitrile
Concen: 51.004 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

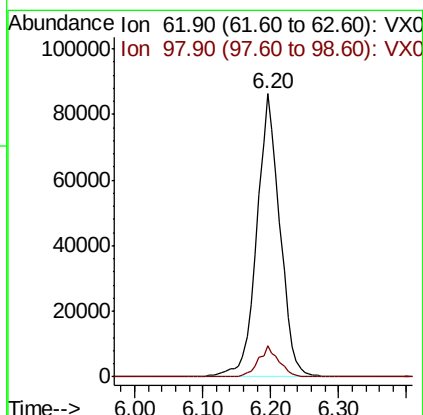
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

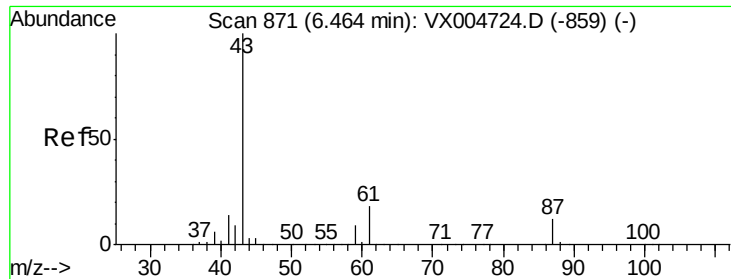
Tot Ion:	41	Resp:	145597
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.5	63.7
67	65.8	53.0	79.6
52	27.9	19.8	29.8



#42
1,2-Dichloroethane
Concen: 47.671 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion:	62	Resp:	204590
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.2





#43

Isopropyl Acetate

Concen: 50.573 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

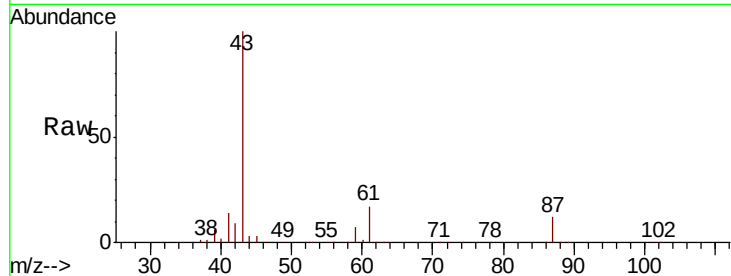
Tot Ion: 43 Resp: 375734

Ion Ratio Lower Upper

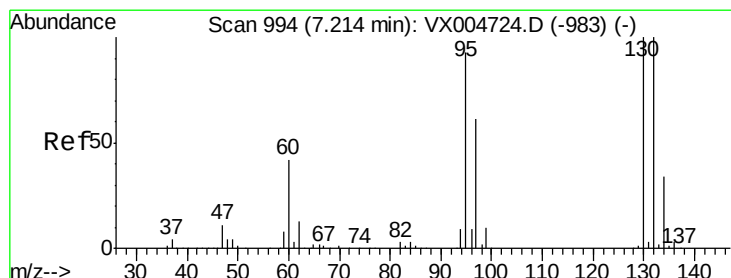
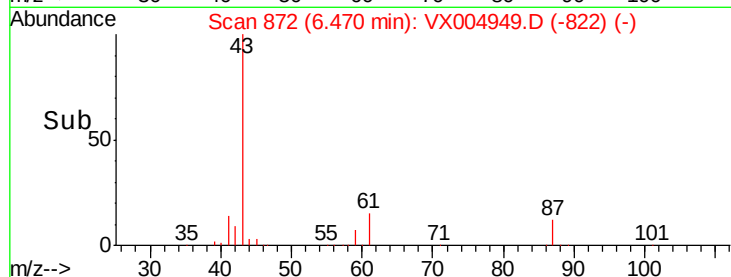
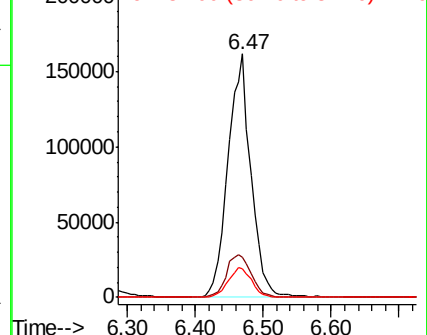
43 100

61 19.2 14.2 21.4

87 12.8 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.376 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004949.D

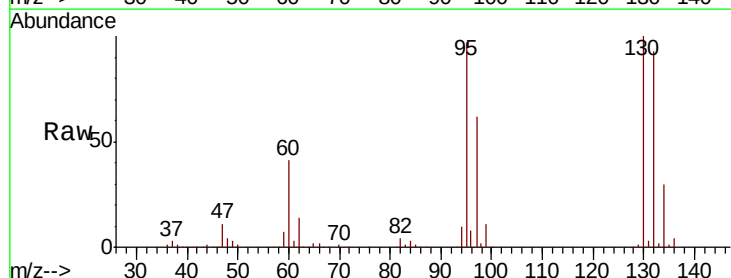
Acq: 03 Oct 2018 05:17

Tgt Ion:130 Resp: 147359

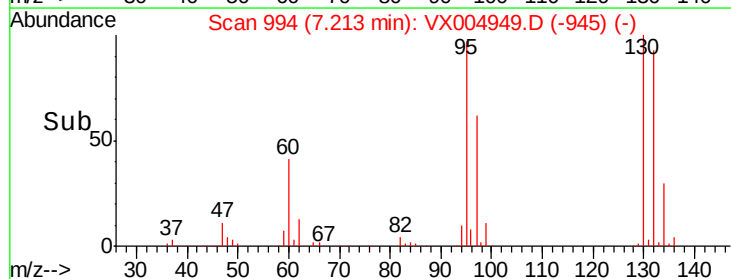
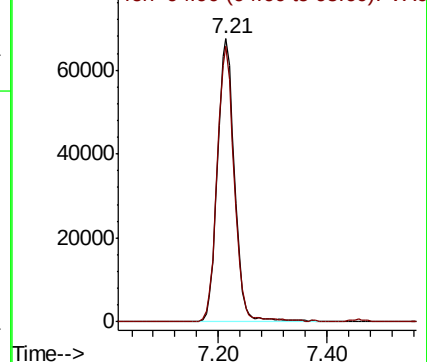
Ion Ratio Lower Upper

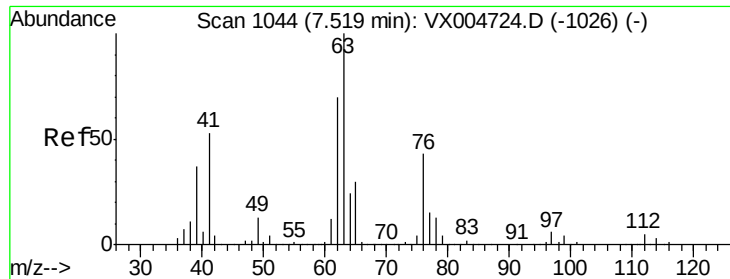
130 100

95 97.2 0.0 186.8



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

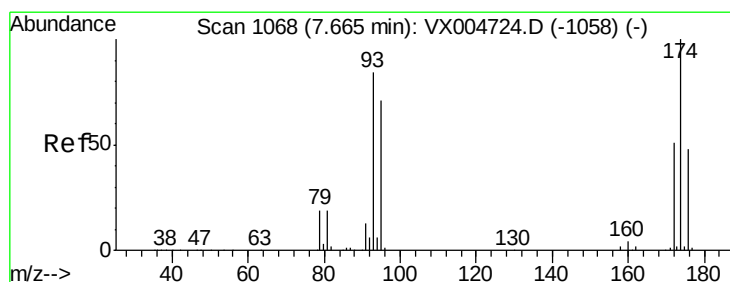
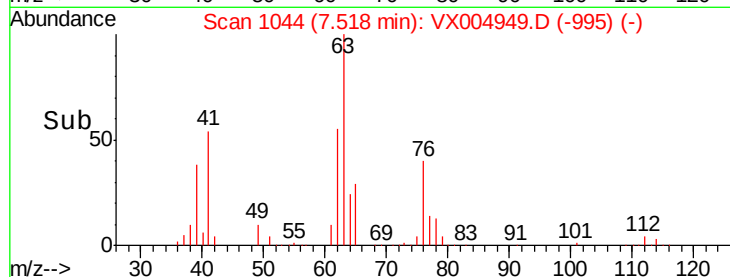
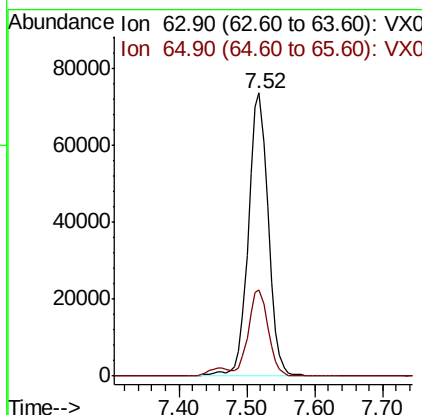
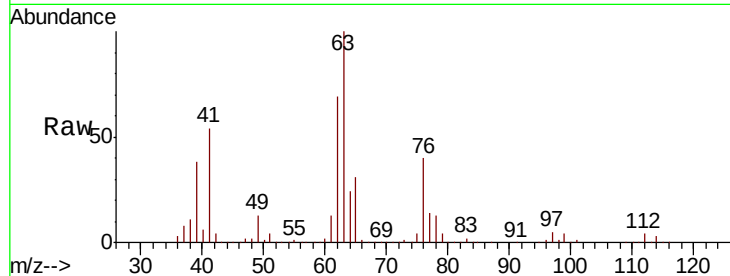




#45
 1,2-Dichloropropane
 Concen: 50.388 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

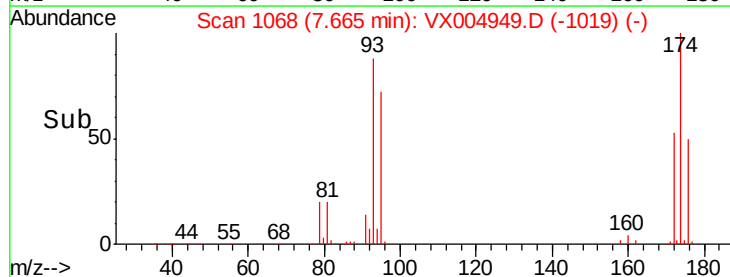
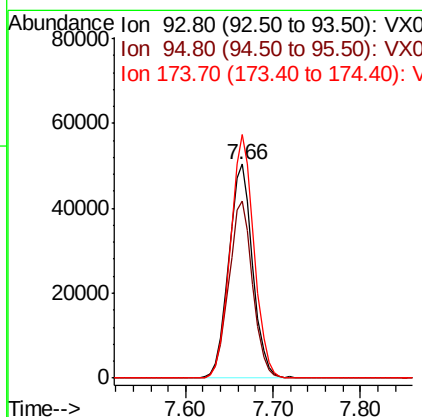
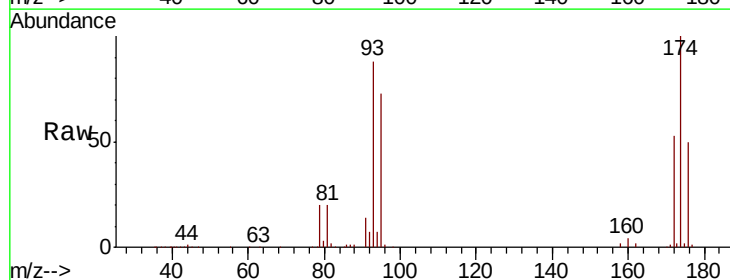
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

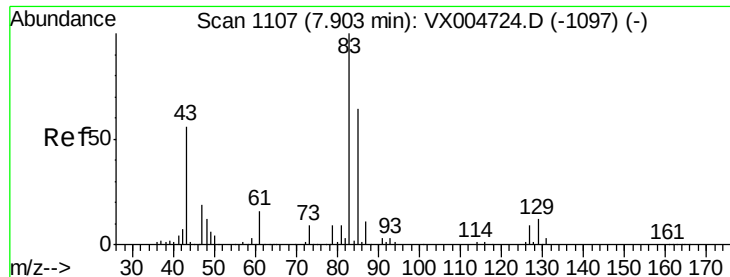
Tot Ion: 63 Resp: 150012
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.9 35.9



#46
 Dibromomethane
 Concen: 51.086 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion: 93 Resp: 95583
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.7 100.1
 174 113.4 92.7 139.1





#47

Bromodichloromethane

Concen: 52.669 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

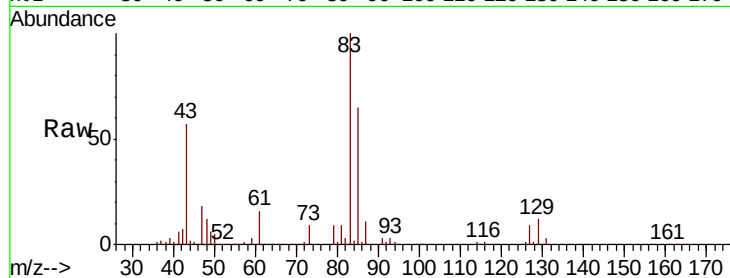
Tot Ion: 83 Resp: 184504

Ion Ratio Lower Upper

83 100

85 64.7 51.2 76.8

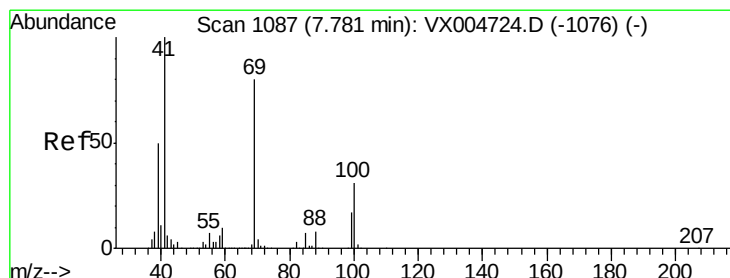
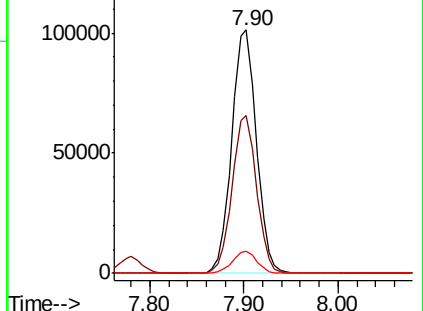
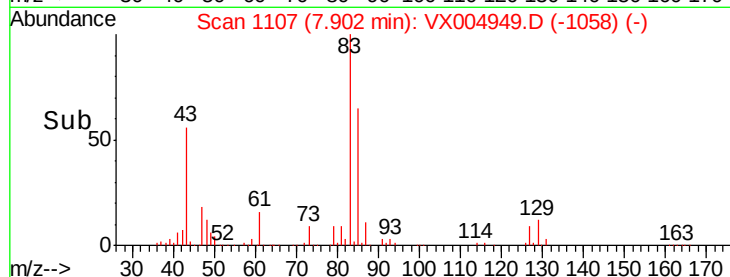
127 9.1 7.0 10.6



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: 56.618 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

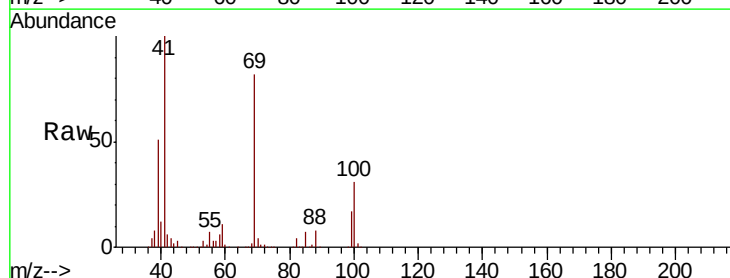
Tgt Ion: 41 Resp: 190925

Ion Ratio Lower Upper

41 100

69 80.4 63.8 95.6

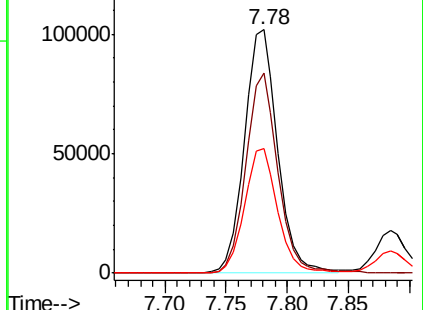
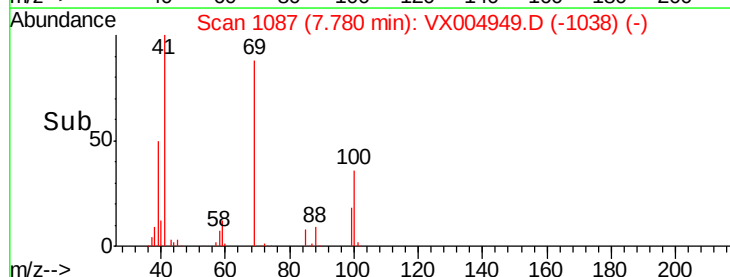
39 51.2 40.7 61.1

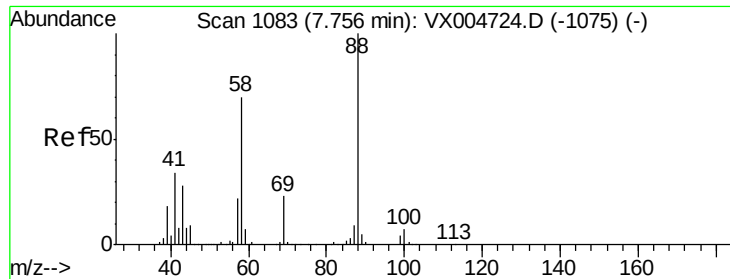


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

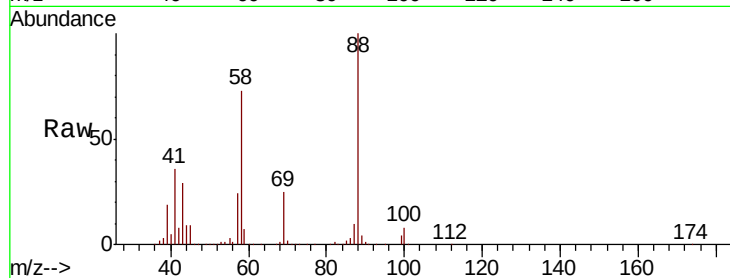




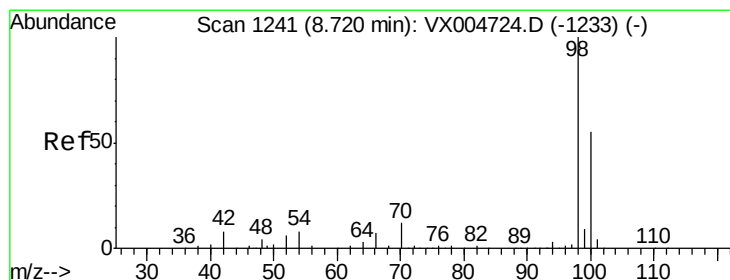
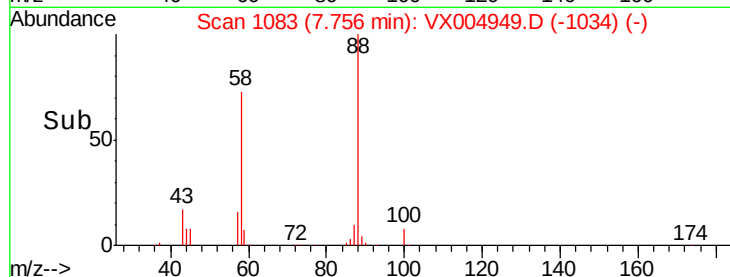
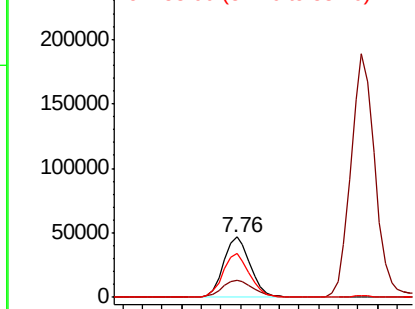
#49
1,4-Dioxane
Concen: 1048.272 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 87821
Ion Ratio Lower Upper
88 100
43 33.2 25.1 37.7
58 74.4 56.2 84.2

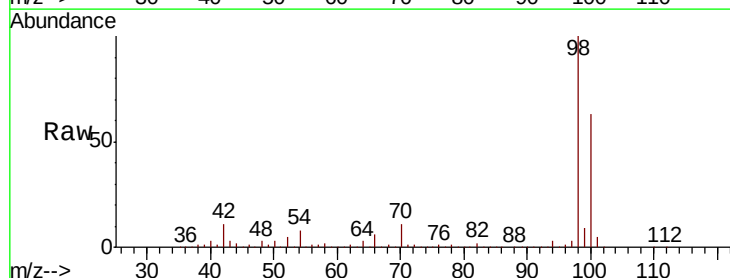


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

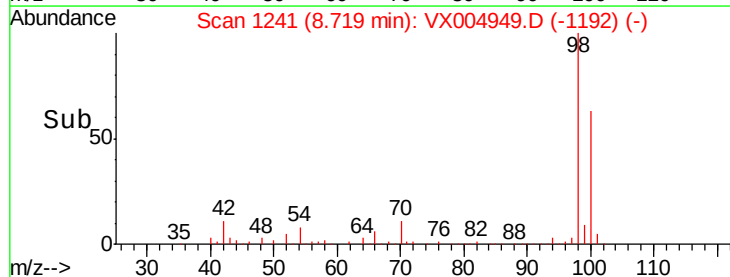
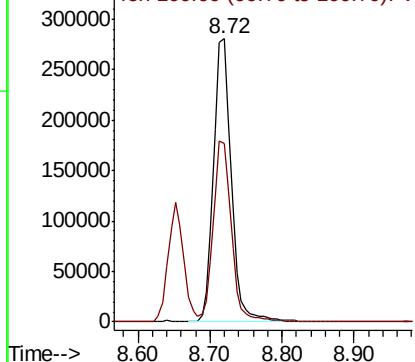


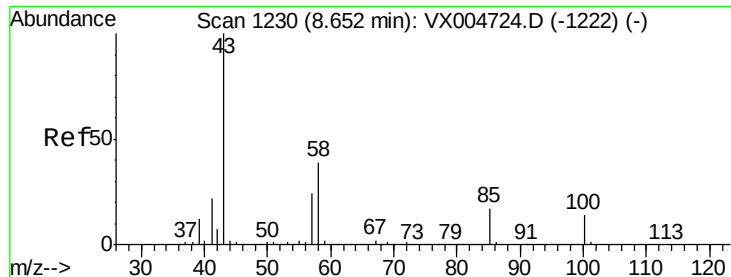
#50
Toluene-d8
Concen: 50.799 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion: 98 Resp: 479987
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



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

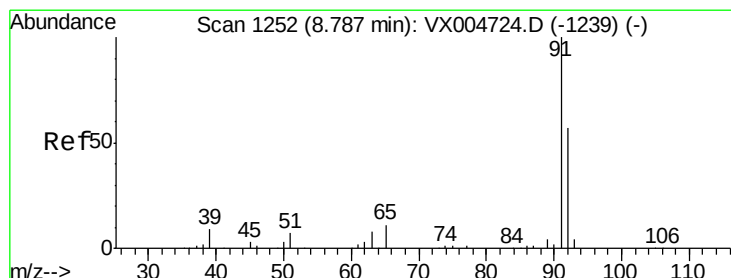
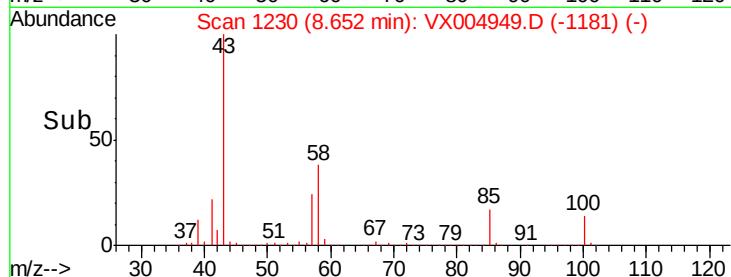
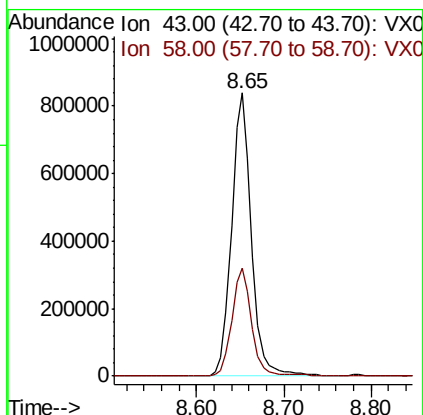
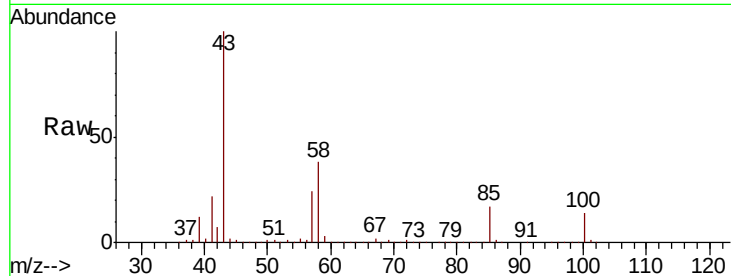




#51
4-Methyl-2-Pentanone
Concen: 282.891 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

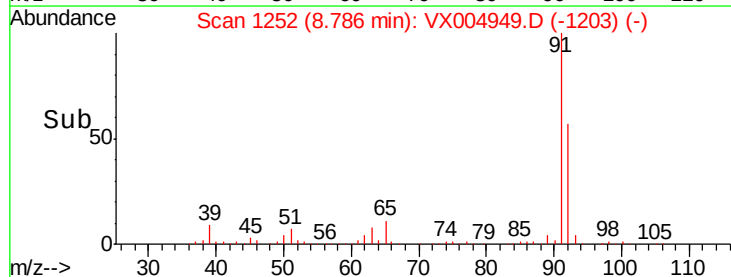
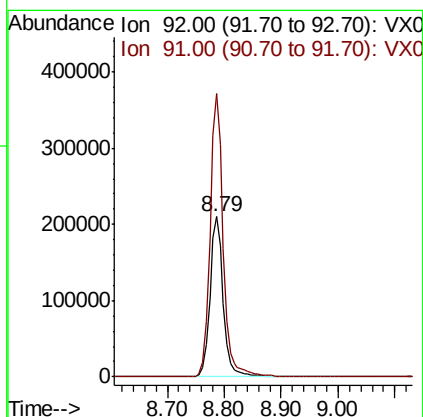
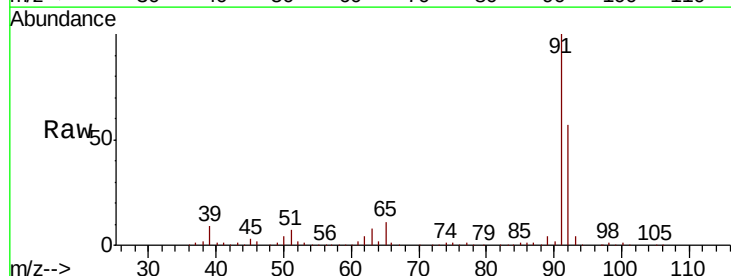
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

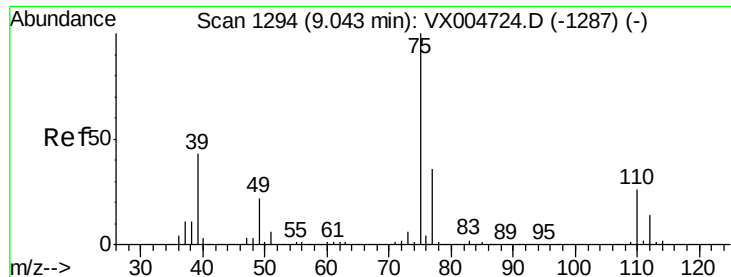
Tot Ion: 43 Resp: 1323351
Ion Ratio Lower Upper
43 100
58 38.4 30.5 45.7



#52
Toluene
Concen: 50.913 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion: 92 Resp: 339634
Ion Ratio Lower Upper
92 100
91 175.4 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 48.232 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

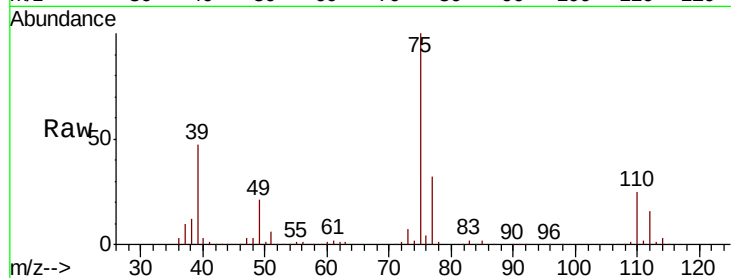
VSTDCCC050

Tot Ion: 75 Resp: 190930

Ion Ratio Lower Upper

75 100

77 31.5 28.9 43.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

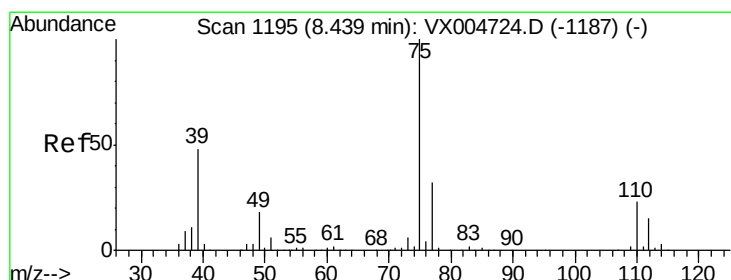
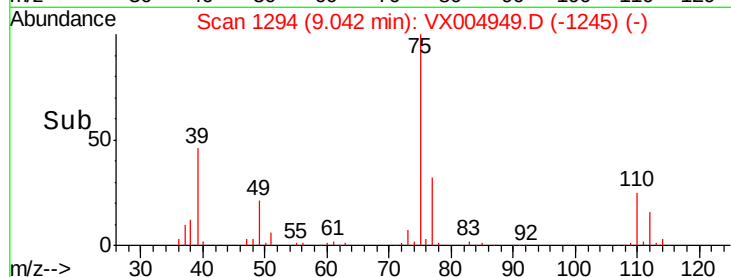
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.219 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

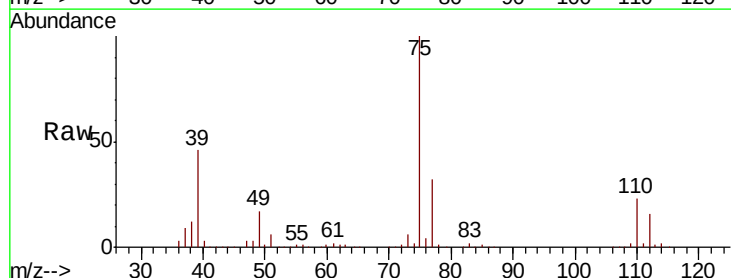
Tgt Ion: 75 Resp: 208223

Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5

39 46.3 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.44

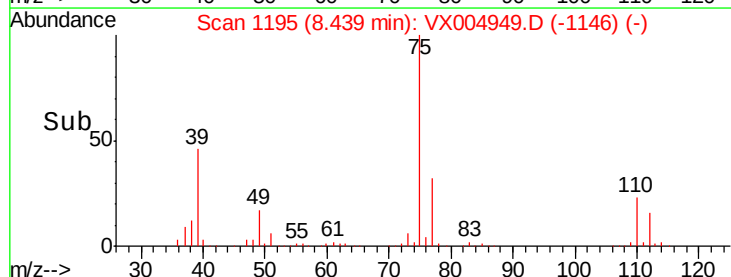
150000

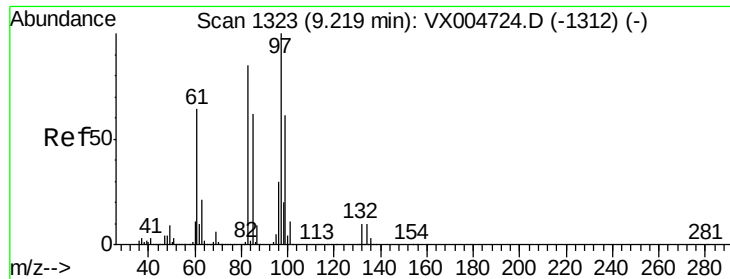
100000

50000

0

Time-->

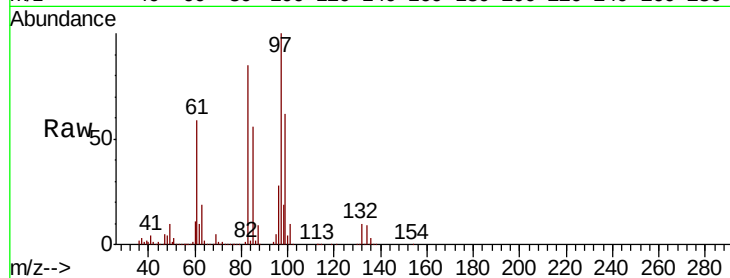




#55
 1,1,2-Trichloroethane
 Concen: 49.429 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.2	102.2
85	56.0	49.9	74.9
99	62.1	48.9	73.3



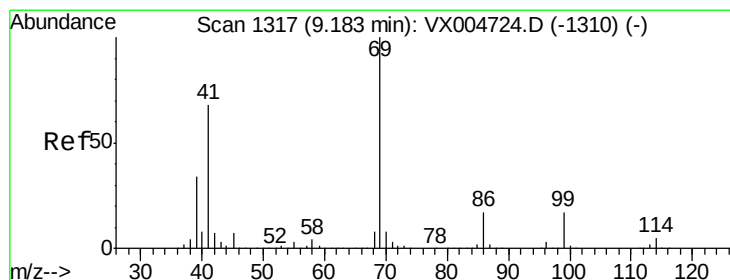
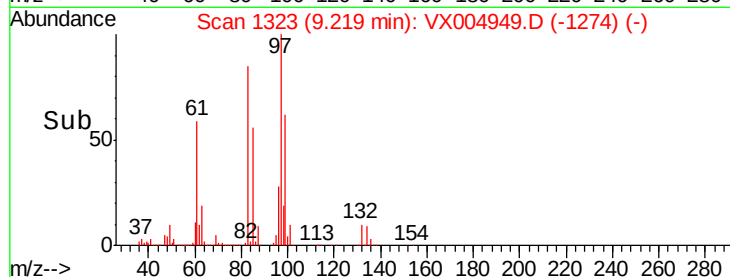
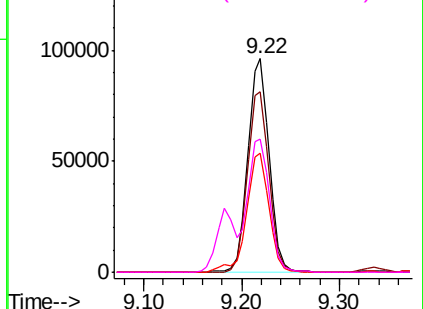
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

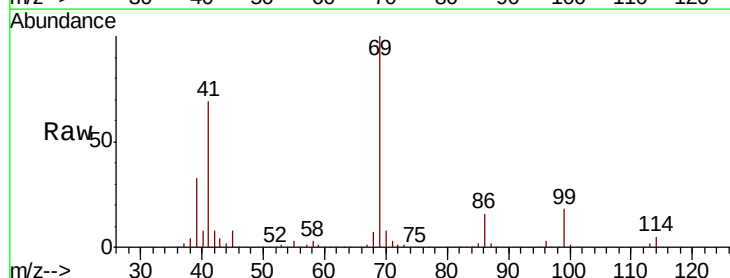
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 48.088 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.9	85.3
39	33.6	28.4	42.6

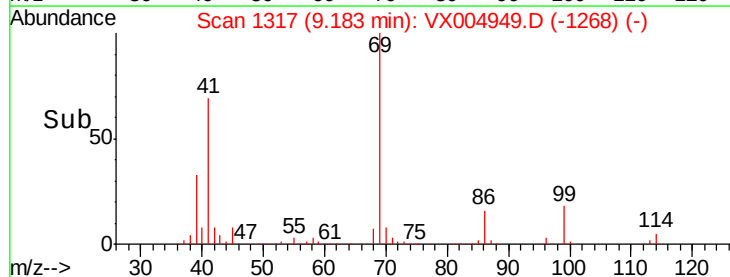
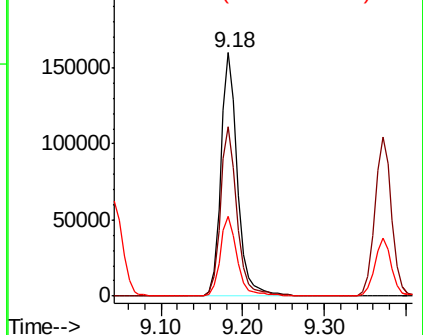


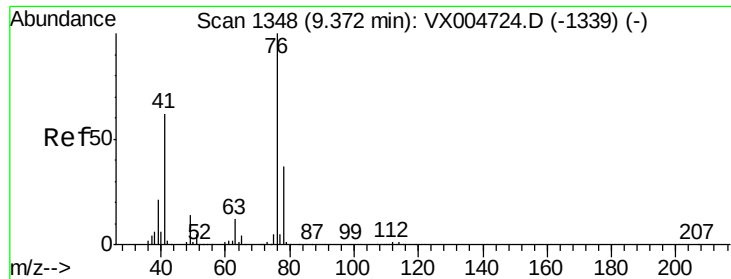
Abundance

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

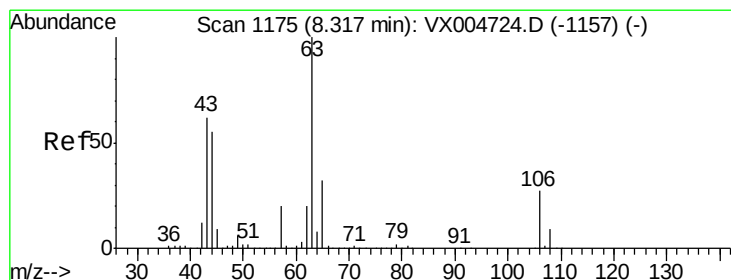
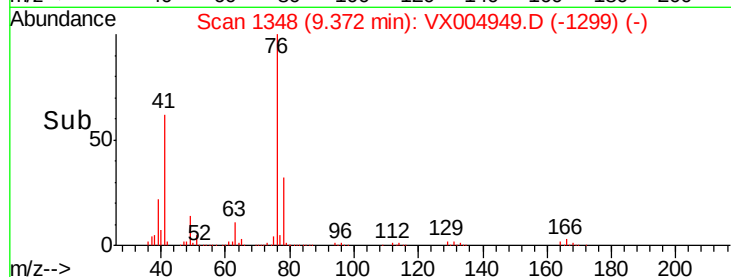
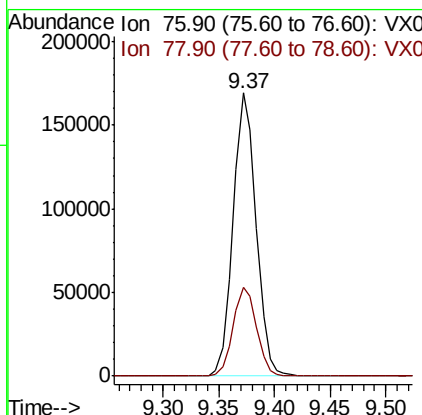
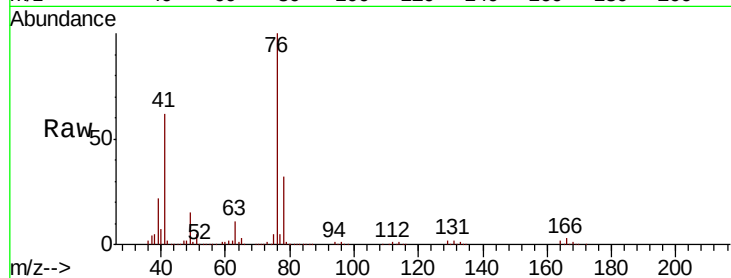




#57
 1,3-Dichloropropane
 Concen: 49.635 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

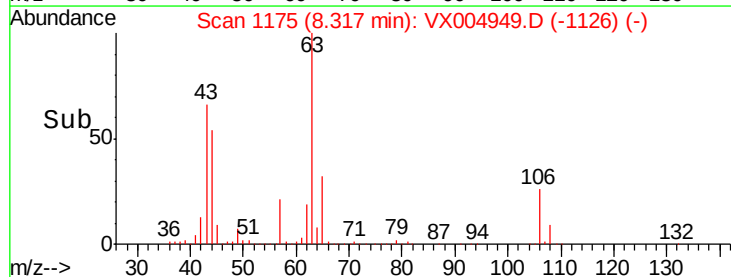
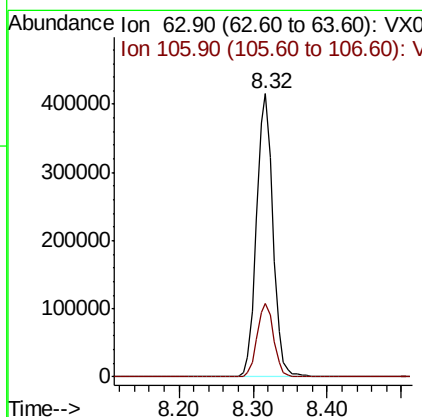
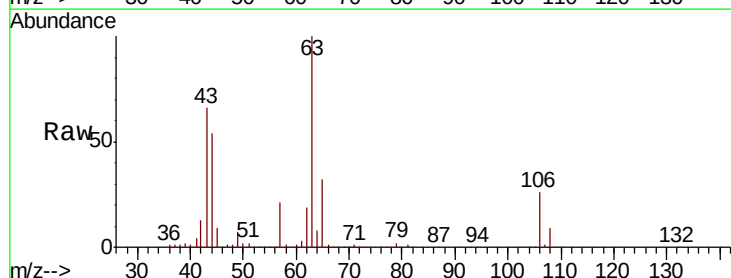
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

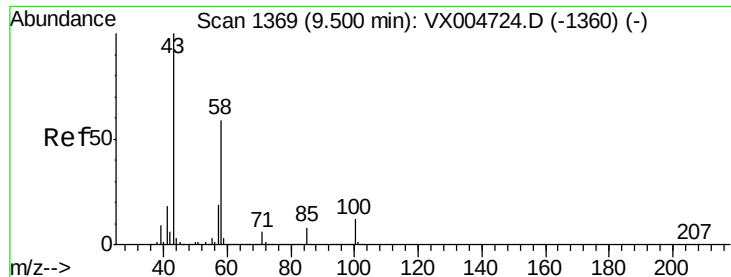
Tot Ion: 76 Resp: 241387
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.464 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion: 63 Resp: 646698
 Ion Ratio Lower Upper
 63 100
 106 26.4 21.0 31.6

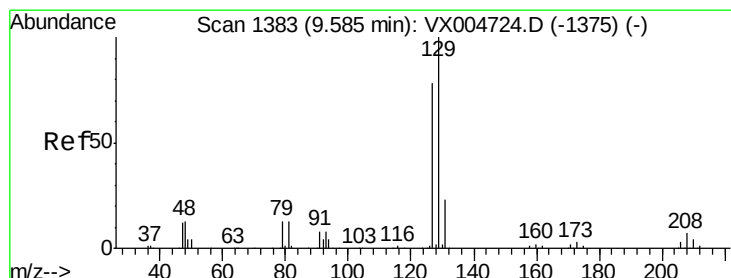
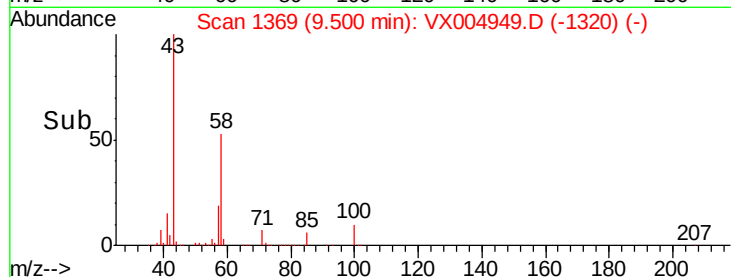
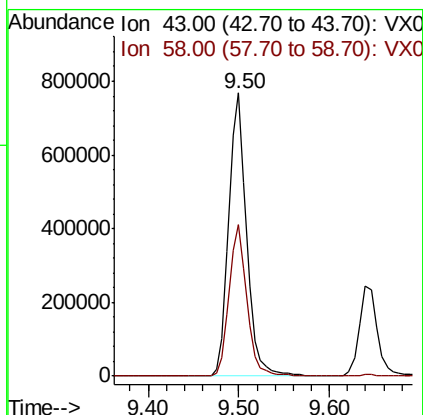
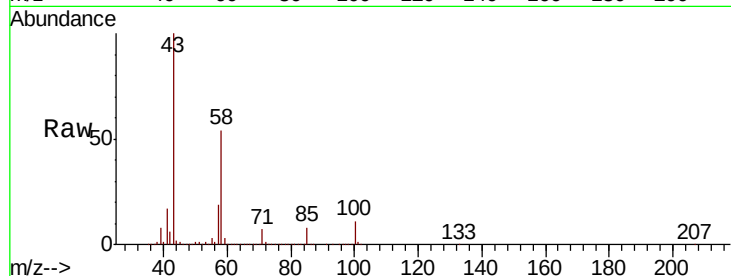




#59
2-Hexanone
Concen: 270.317 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

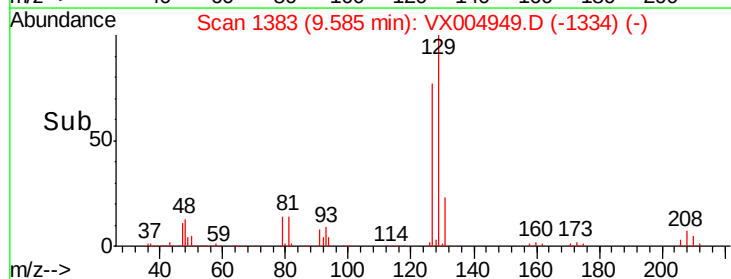
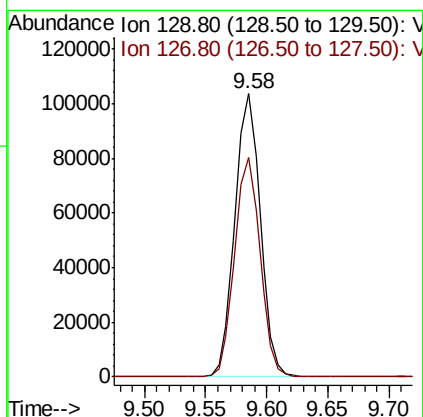
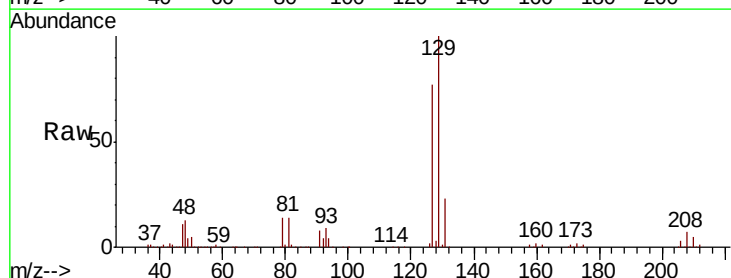
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

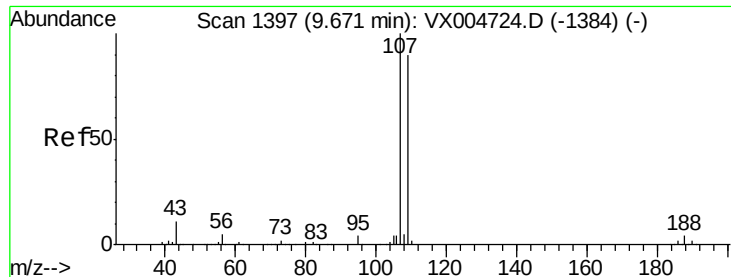
Tot Ion: 43 Resp: 1053756
Ion Ratio Lower Upper
43 100
58 53.4 28.4 85.3



#60
Dibromochloromethane
Concen: 51.089 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion: 129 Resp: 149297
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 48.126 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

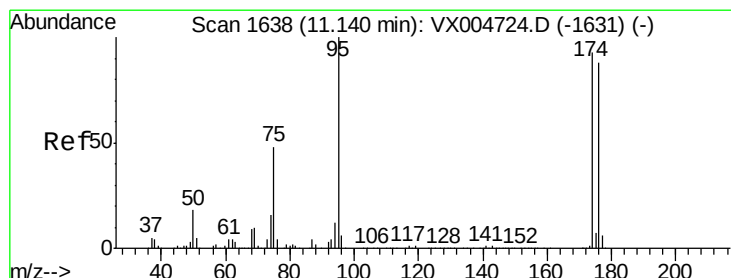
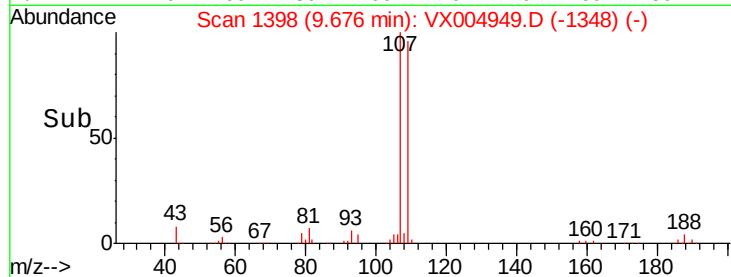
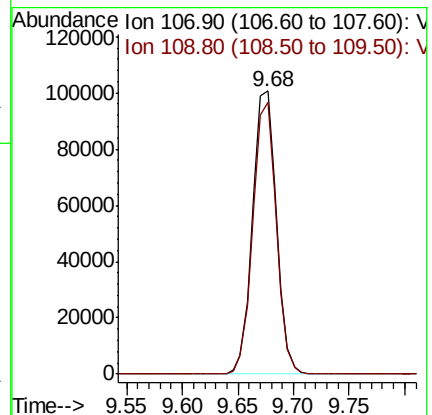
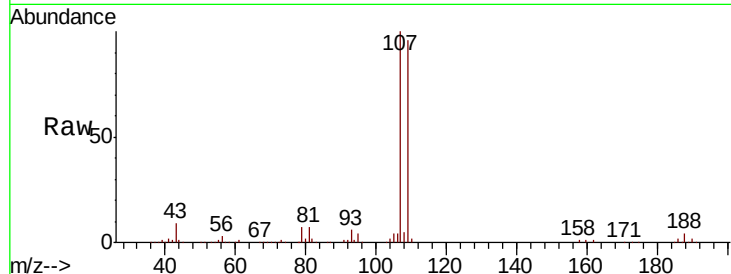
VSTDCCC050

Tot Ion:107 Resp: 150603

Ion Ratio Lower Upper

107 100

109 94.3 72.1 108.1



#62

4-Bromofluorobenzene

Concen: 52.534 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

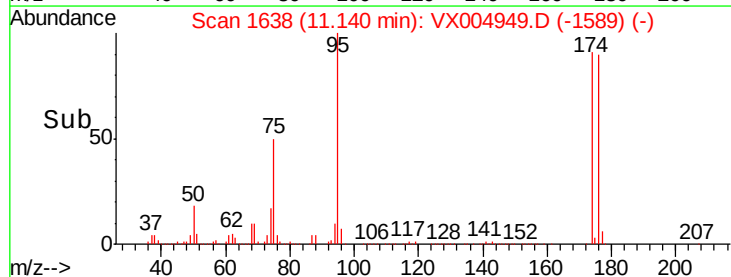
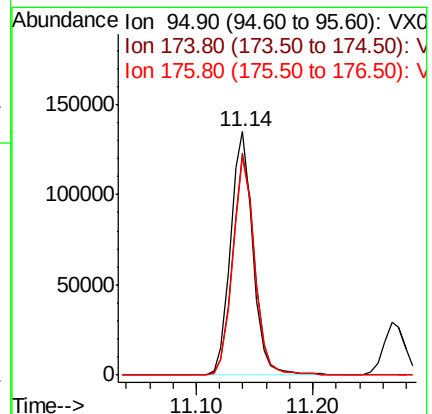
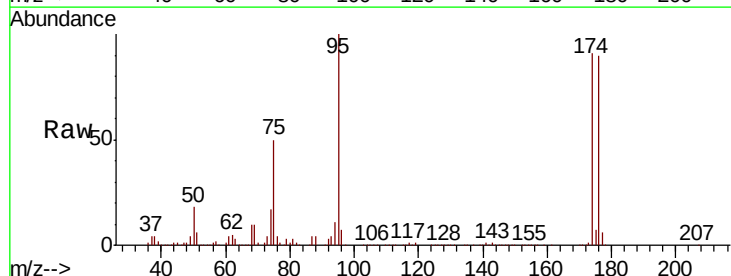
Tgt Ion: 95 Resp: 178824

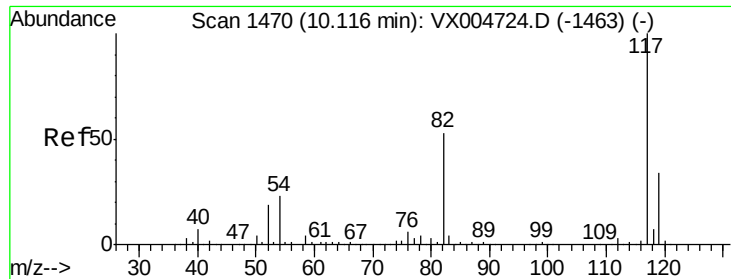
Ion Ratio Lower Upper

95 100

174 90.4 0.0 185.0

176 88.1 0.0 180.2

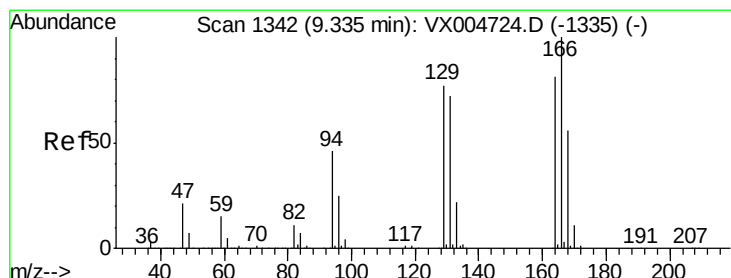
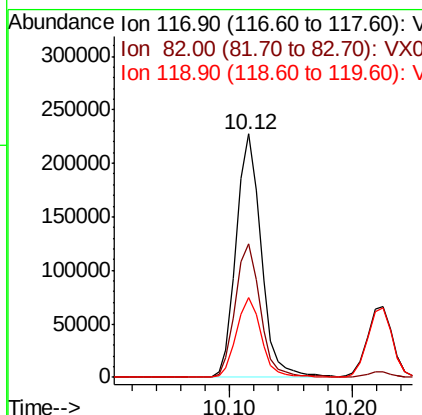
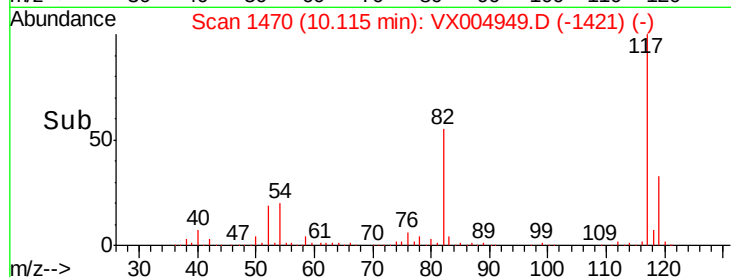
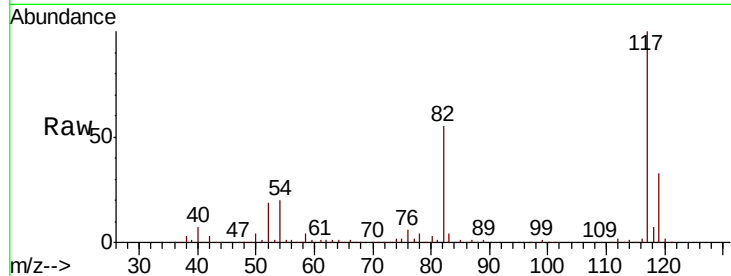




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

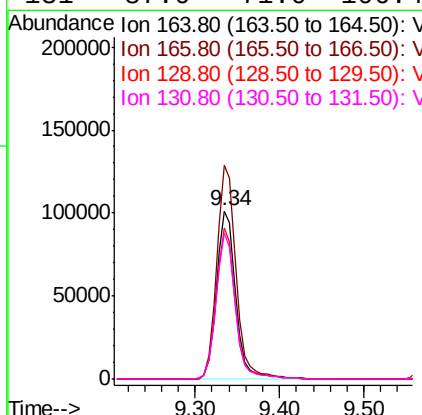
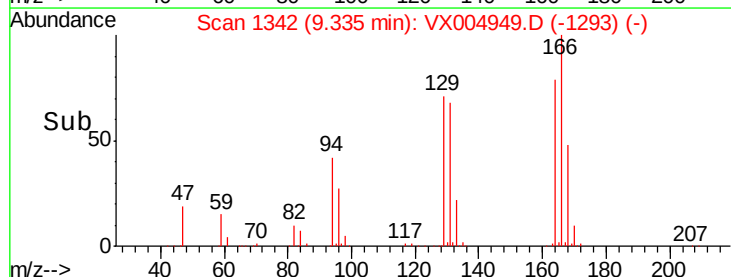
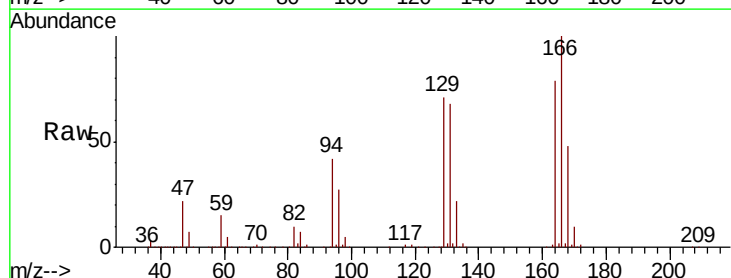
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

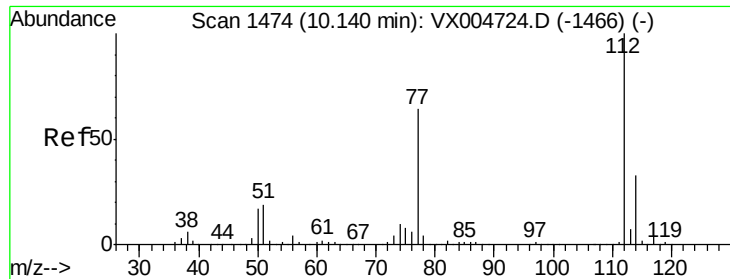
Tot Ion:117 Resp: 321626
Ion Ratio Lower Upper
117 100
82 55.0 42.2 63.4
119 33.0 27.4 41.0



#64
Tetrachloroethene
Concen: 50.507 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion:164 Resp: 159879
Ion Ratio Lower Upper
164 100
166 127.4 98.4 147.6
129 90.1 76.1 114.1
131 87.0 71.0 106.4

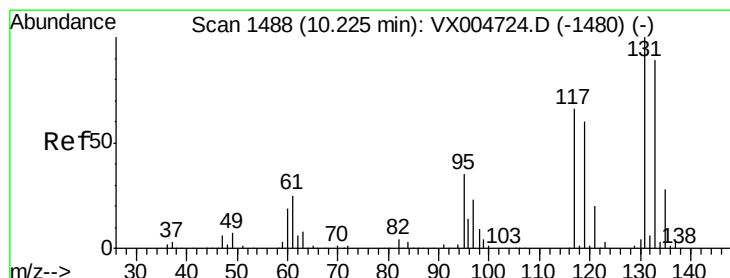
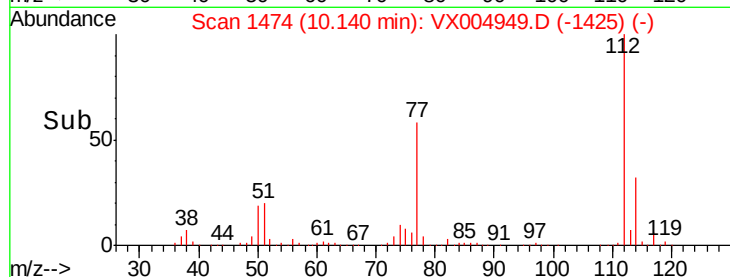
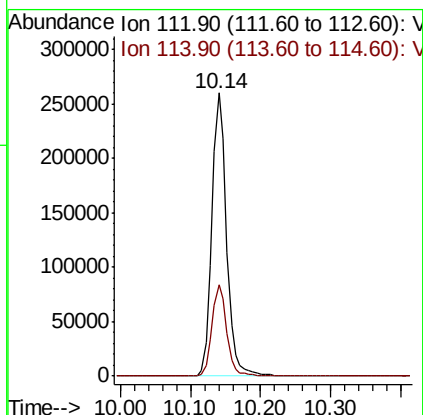
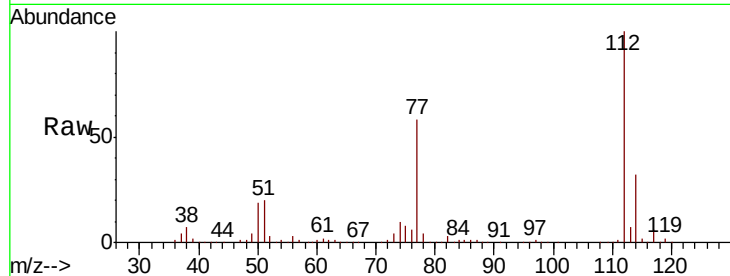




#65
Chlorobenzene
Concen: 46.062 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

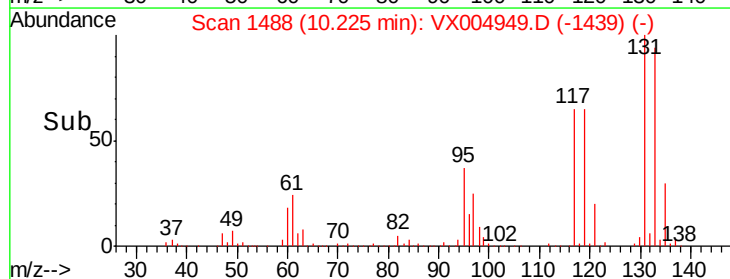
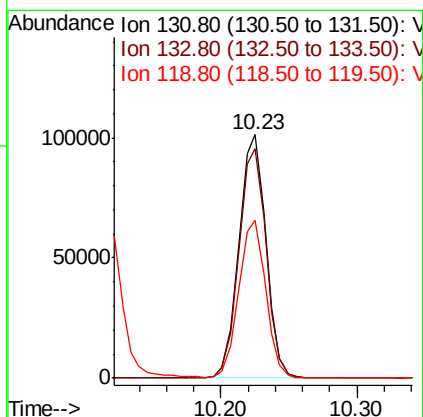
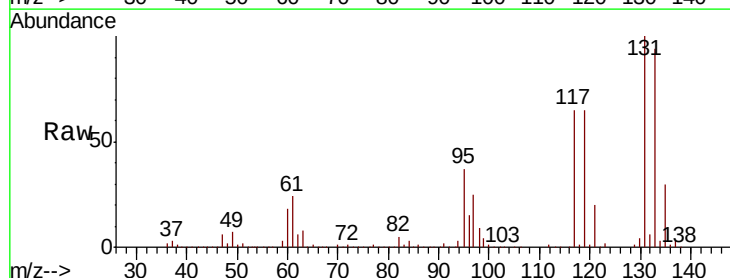
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

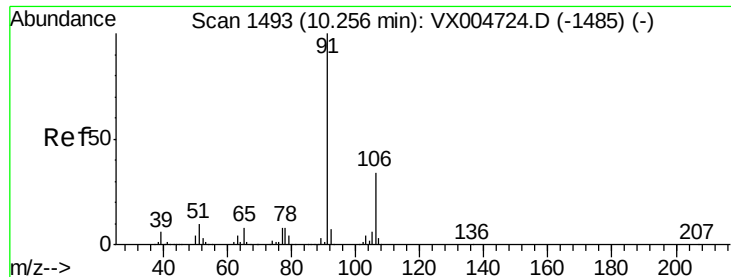
Tot Ion:112 Resp: 379895
Ion Ratio Lower Upper
112 100
114 32.2 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 48.360 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion:131 Resp: 140216
Ion Ratio Lower Upper
131 100
133 95.2 48.4 145.0
119 65.0 32.3 96.8





#67

Ethyl Benzene

Concen: 49.400 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

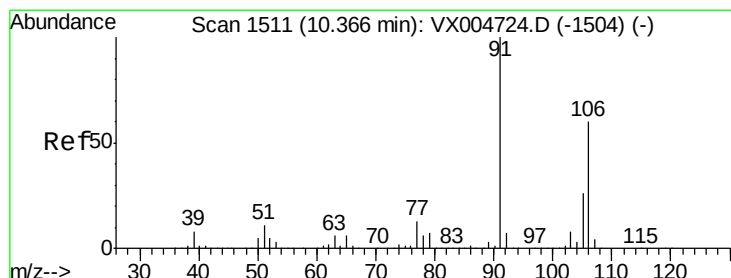
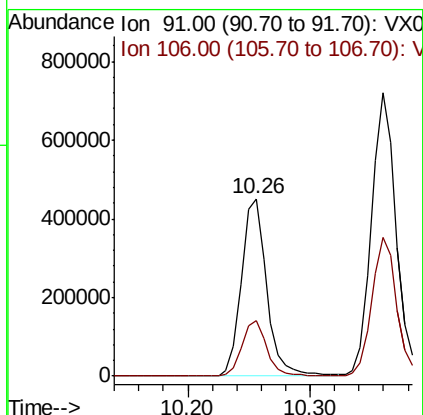
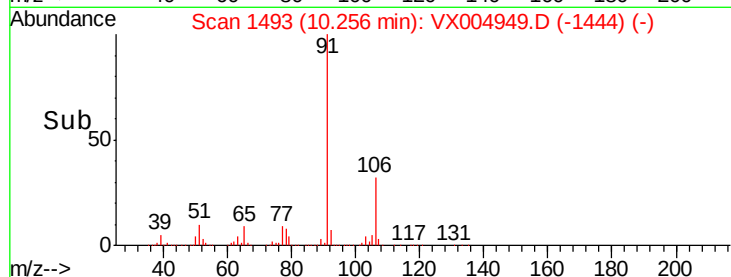
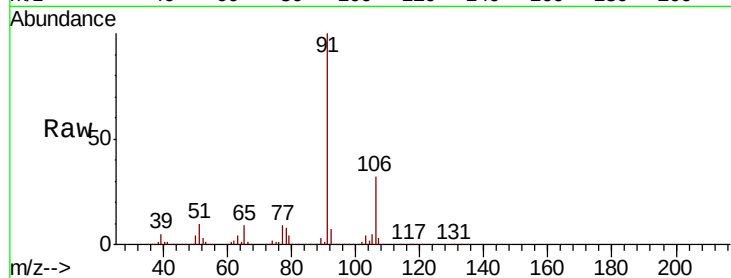
VSTDCCC050

Tot Ion: 91 Resp: 646839

Ion Ratio Lower Upper

91 100

106 31.6 26.9 40.3



#68

m/p-Xylenes

Concen: 99.545 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004949.D

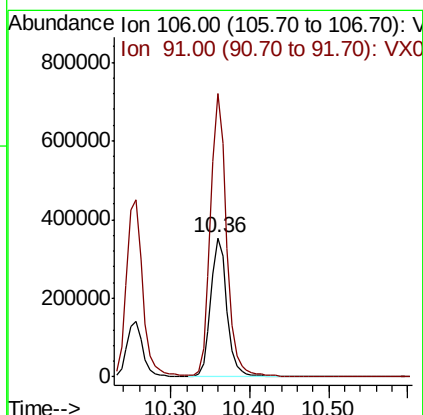
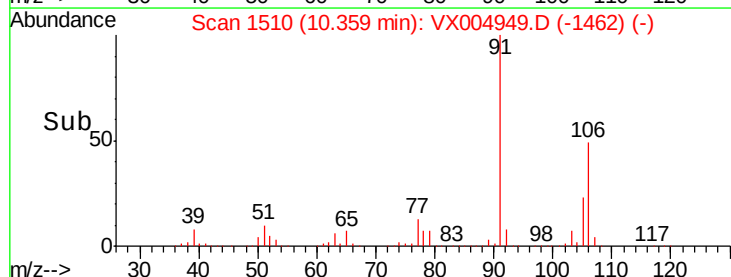
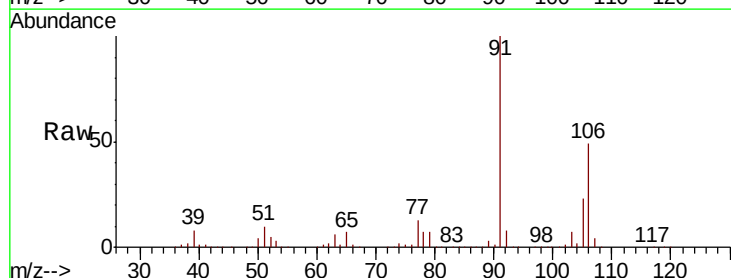
Acq: 03 Oct 2018 05:17

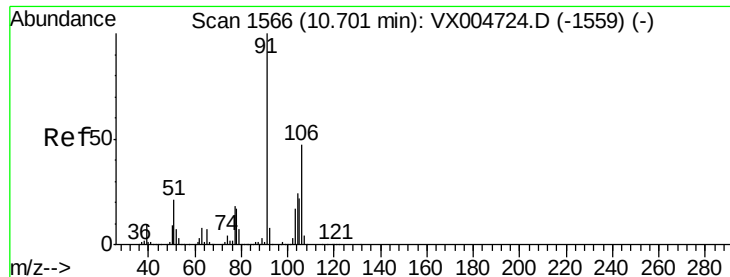
Tgt Ion: 106 Resp: 509340

Ion Ratio Lower Upper

106 100

91 202.4 157.5 236.3

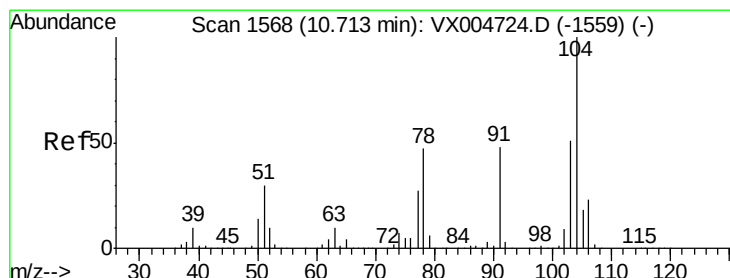
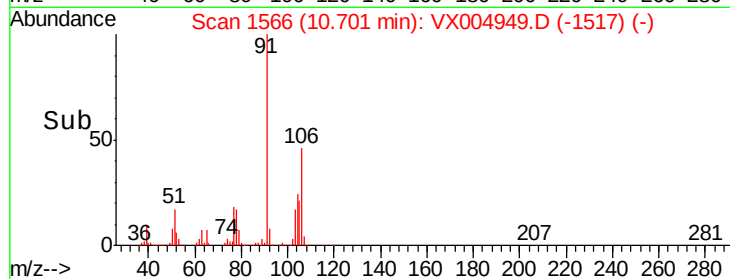
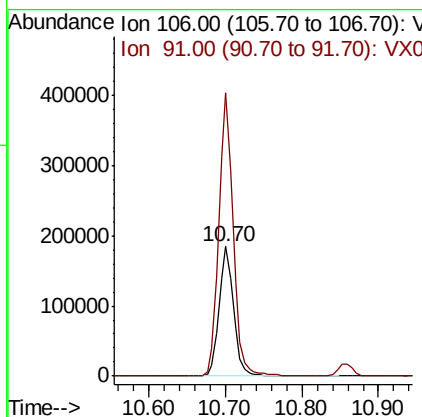
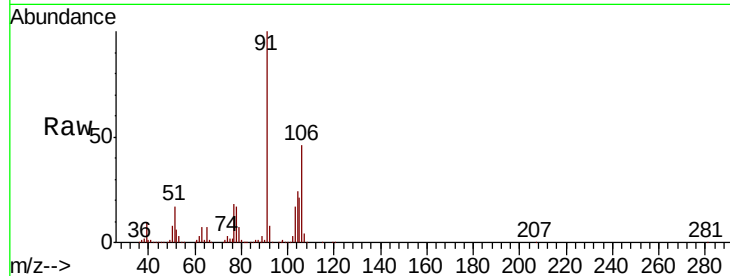




#69
o-Xylene
Concen: 51.634 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

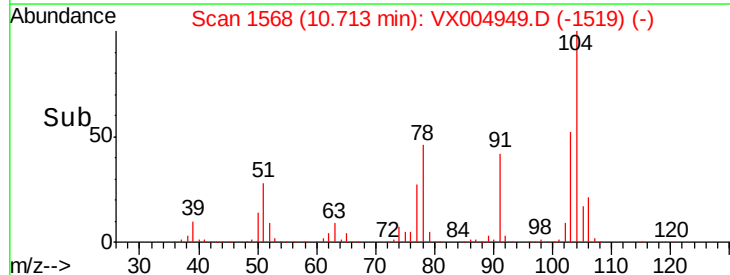
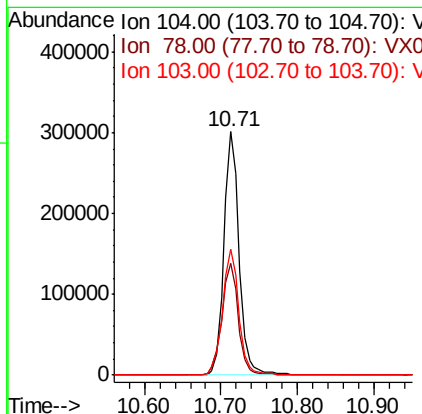
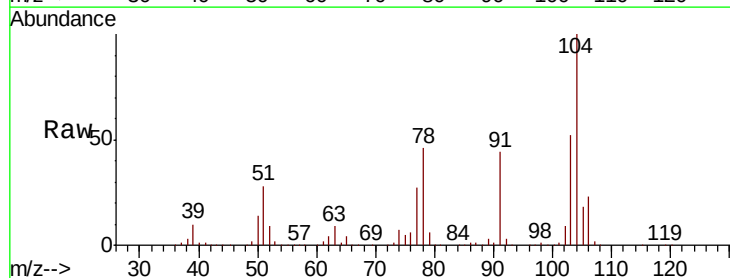
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

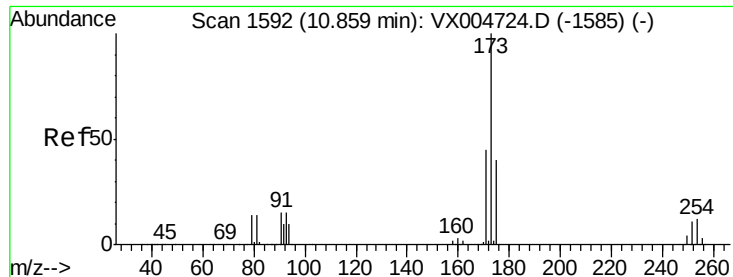
Tot Ion:106 Resp: 242663
Ion Ratio Lower Upper
106 100
91 216.1 108.3 324.8



#70
Styrene
Concen: 47.073 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion:104 Resp: 412609
Ion Ratio Lower Upper
104 100
78 50.3 40.0 60.0
103 56.0 44.3 66.5





#71

Bromoform

Concen: 50.296 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

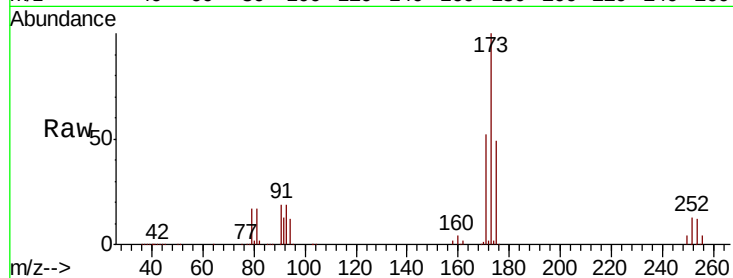
Tot Ion:173 Resp: 124849

Ion Ratio Lower Upper

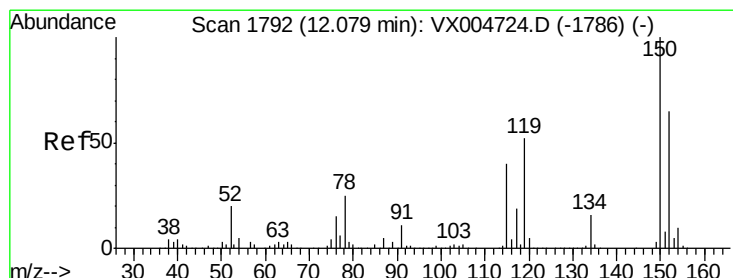
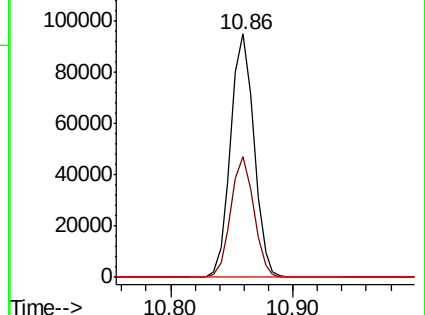
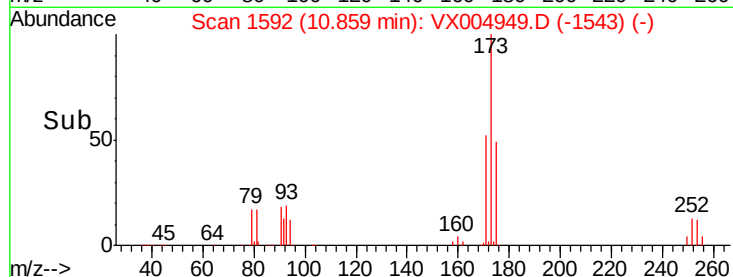
173 100

175 48.8 23.3 69.8

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

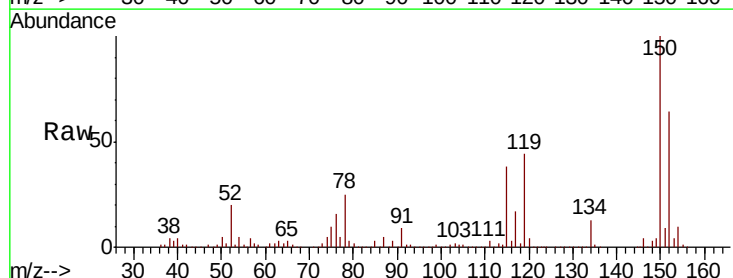
Tgt Ion:152 Resp: 199405

Ion Ratio Lower Upper

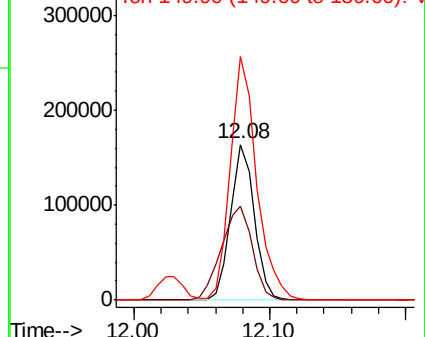
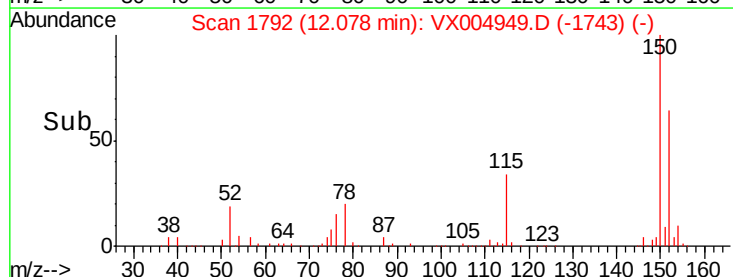
152 100

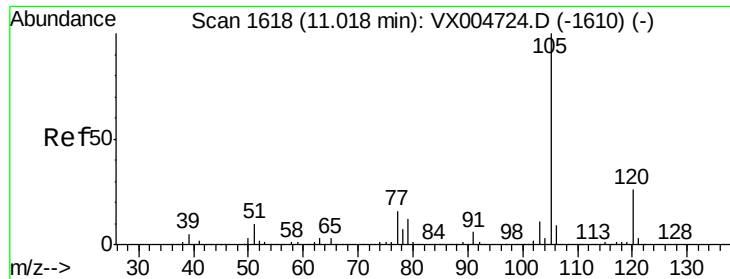
115 78.6 40.2 120.6

150 173.4 0.0 351.0



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





#73

Isopropylbenzene

Concen: 51.988 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

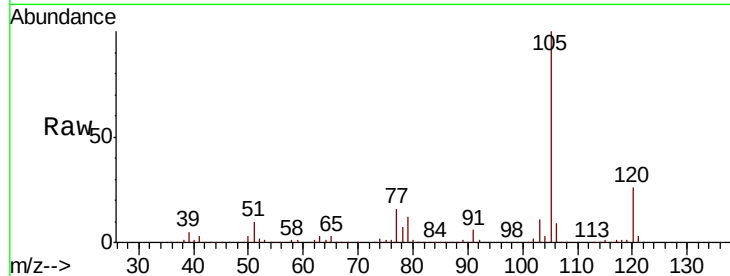
VSTDCCC050

Tot Ion:105 Resp: 653424

Ion Ratio Lower Upper

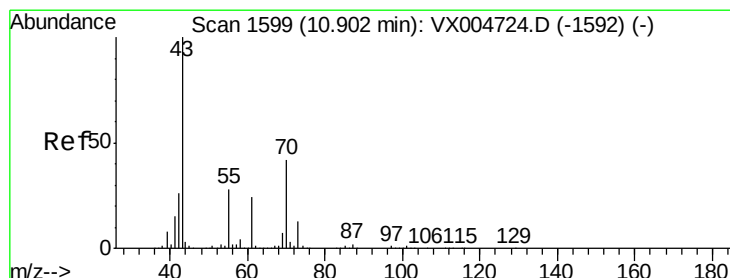
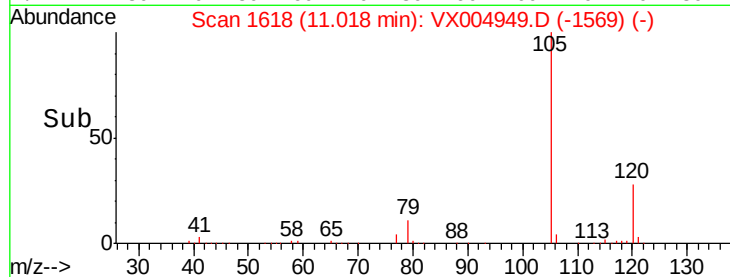
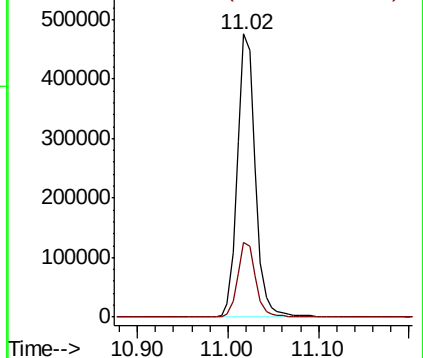
105 100

120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.696 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Tgt Ion: 43 Resp: 328925

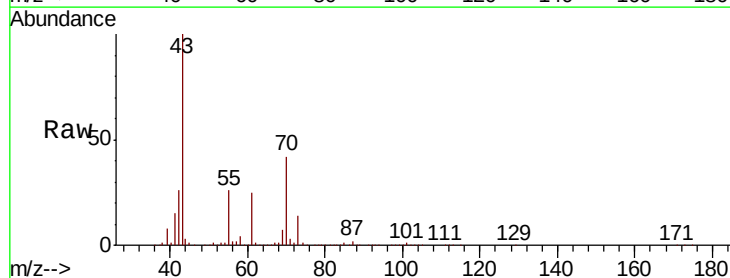
Ion Ratio Lower Upper

43 100

70 40.1 32.6 48.8

55 25.3 21.6 32.4

61 23.5 19.1 28.7

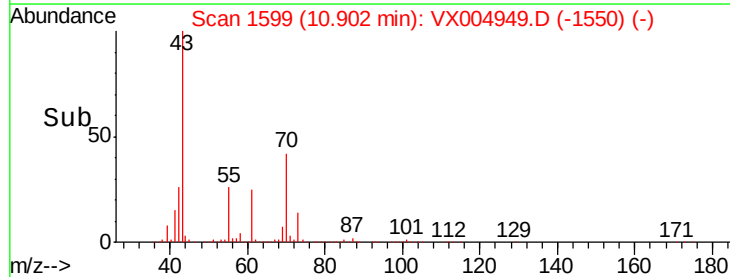
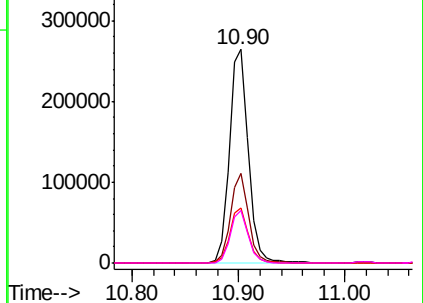


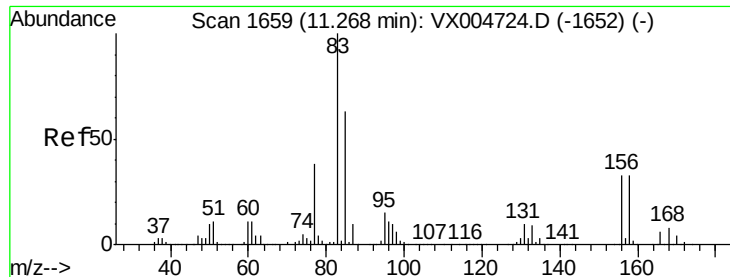
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

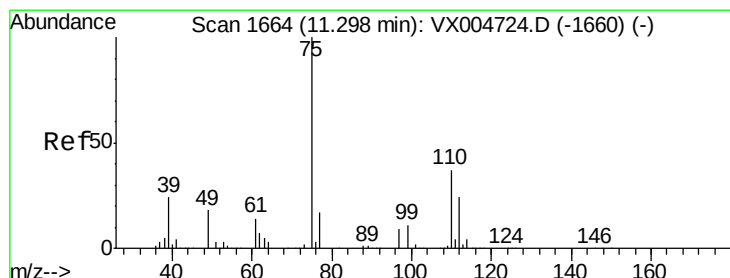
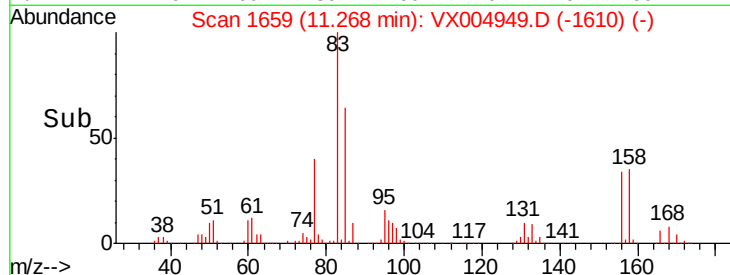
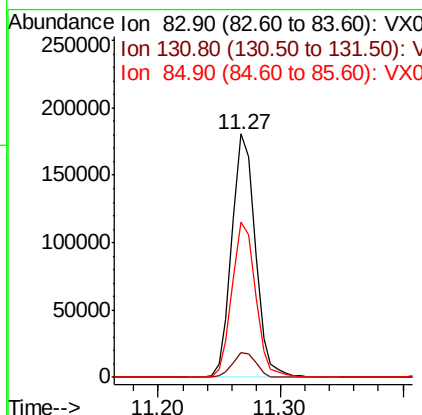
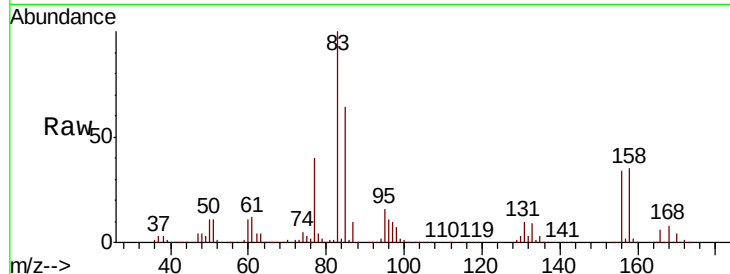




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.869 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

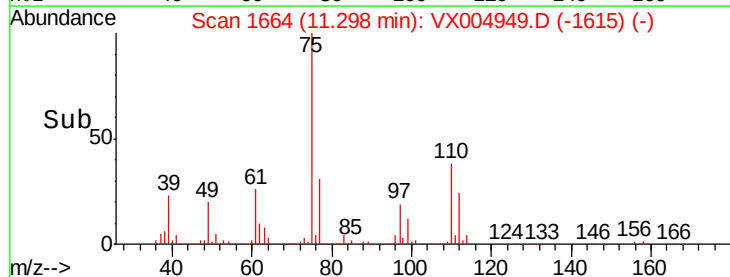
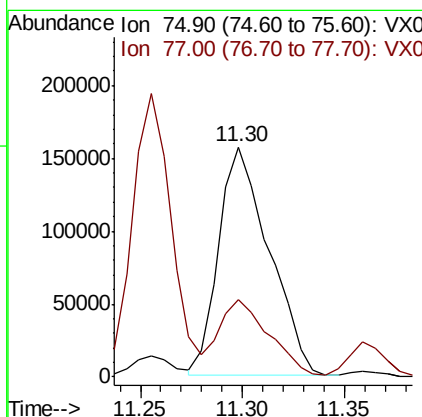
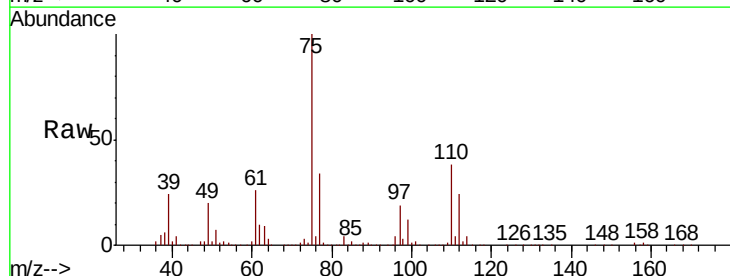
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

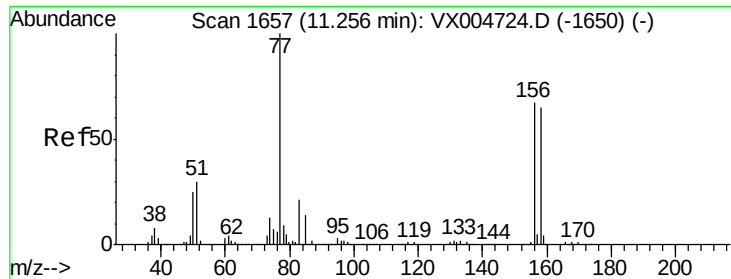
Tot Ion	83	Resp	239798
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.3
85	64.2	31.9	95.9



#76
 1,2,3-Trichloropropane
 Concen: 60.122 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion	75	Resp	268707
Ion Ratio	Lower	Upper	
75	100		
77	33.9	21.4	64.3





#77

Bromobenzene

Concen: 48.158 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

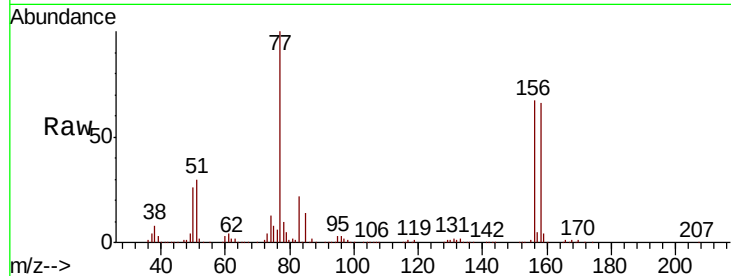
Tot Ion:156 Resp: 175809

Ion Ratio Lower Upper

156 100

77 147.9 73.4 220.2

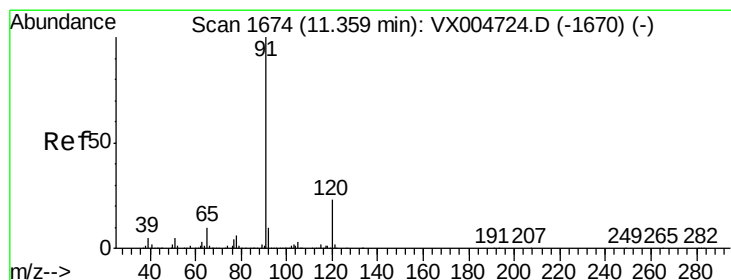
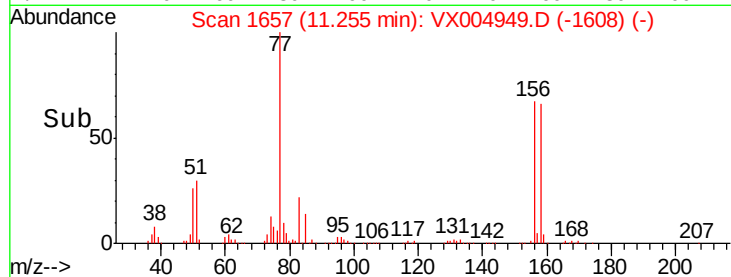
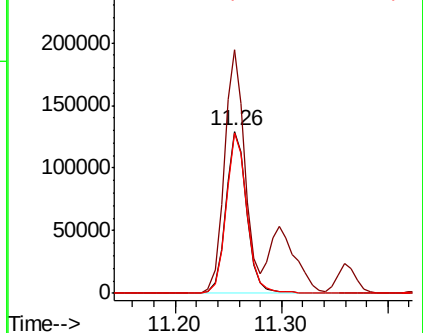
158 98.9 49.1 147.4



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: 52.140 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004949.D

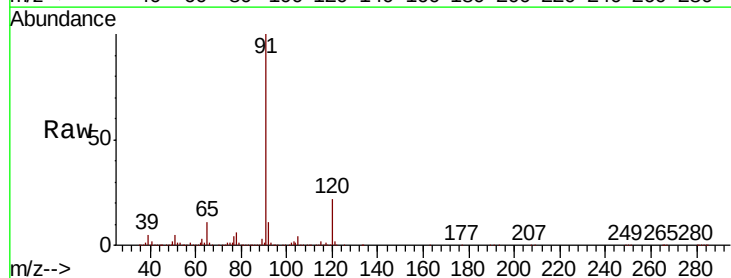
Acq: 03 Oct 2018 05:17

Tgt Ion: 91 Resp: 751921

Ion Ratio Lower Upper

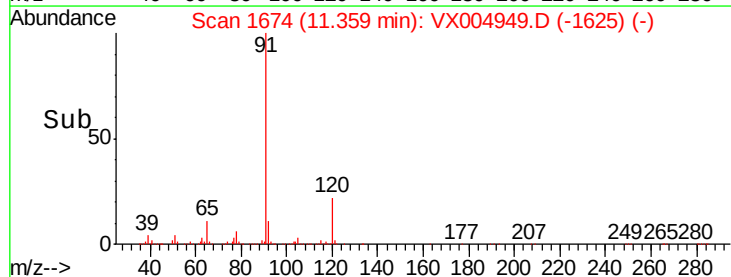
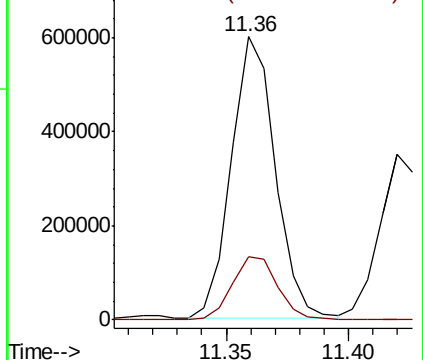
91 100

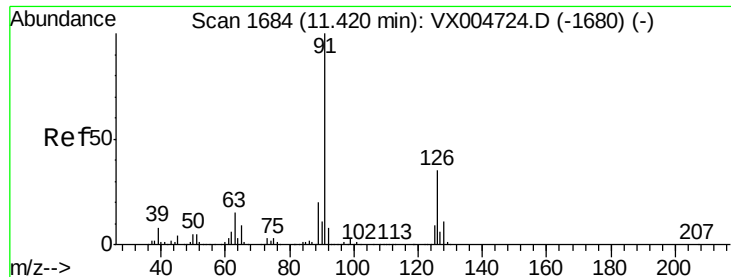
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.754 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

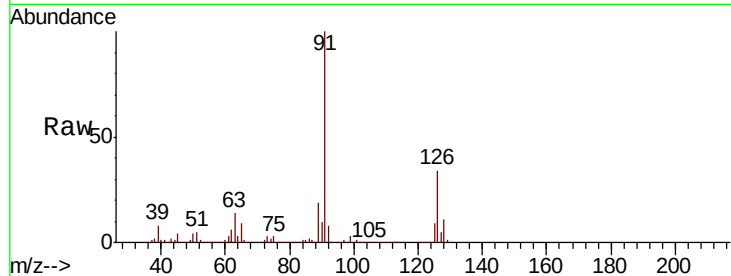
VSTDCCC050

Tot Ion: 91 Resp: 456222

Ion Ratio Lower Upper

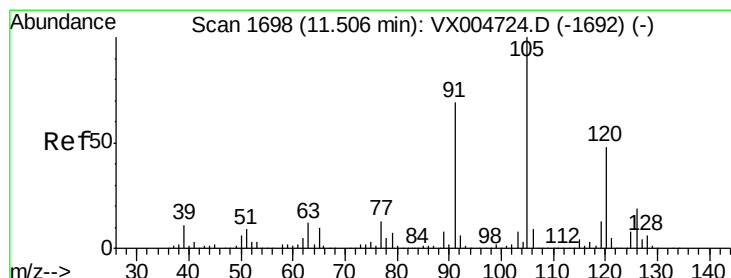
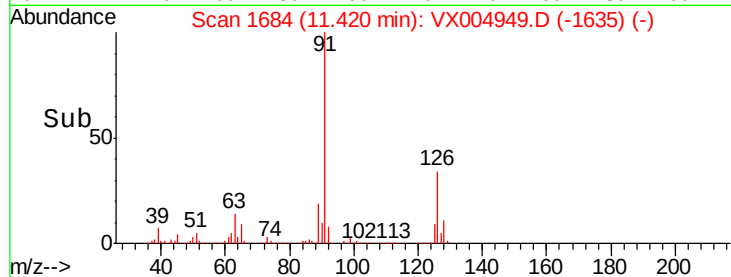
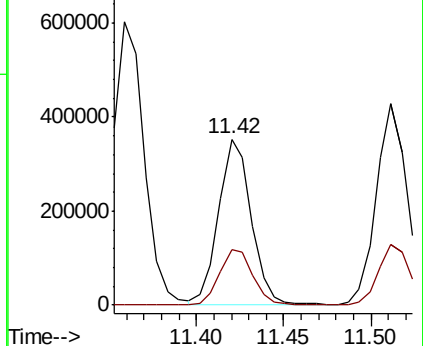
91 100

126 34.9 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.588 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004949.D

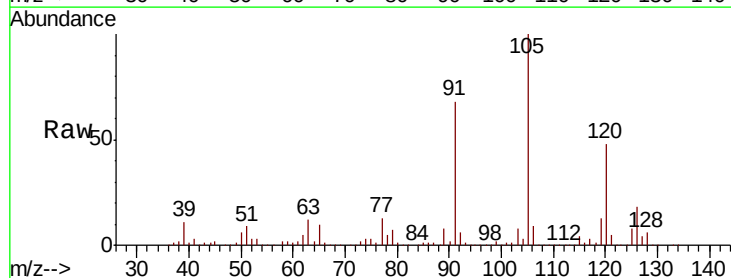
Acq: 03 Oct 2018 05:17

Tgt Ion:105 Resp: 559782

Ion Ratio Lower Upper

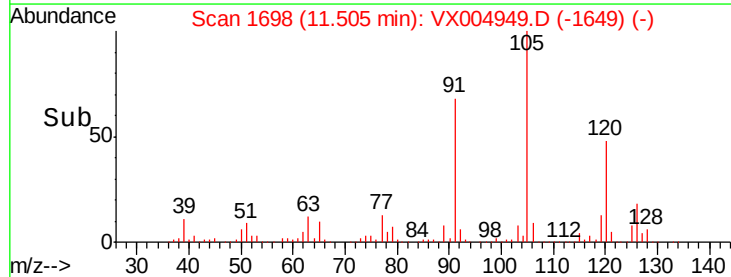
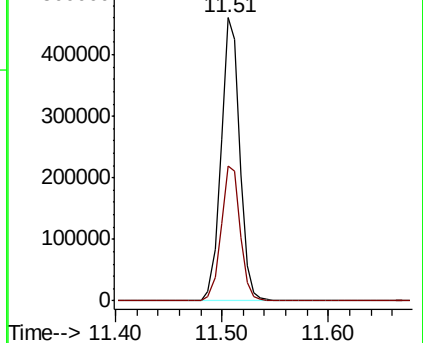
105 100

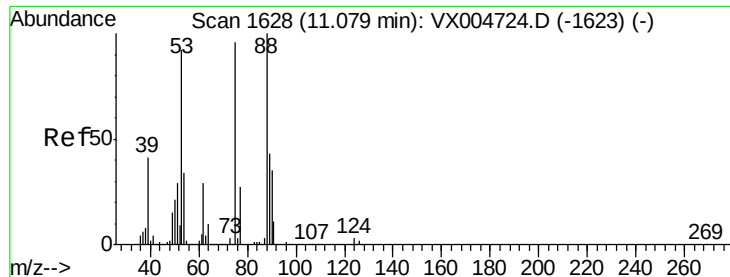
120 48.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 38.219 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

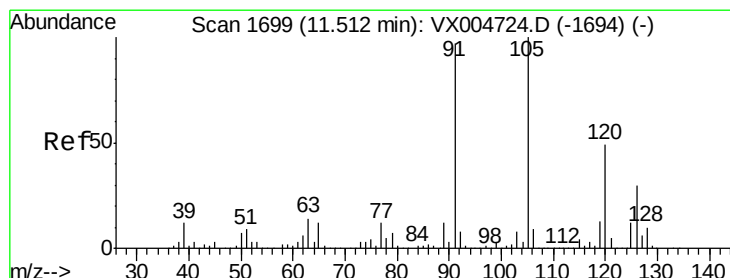
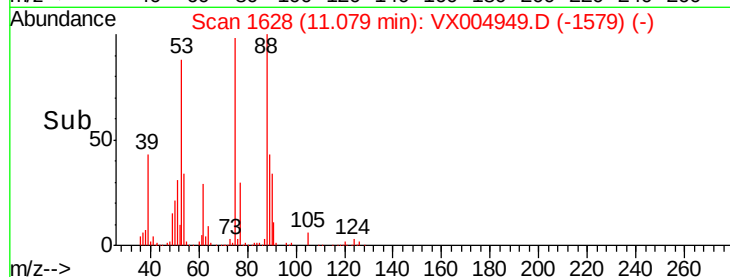
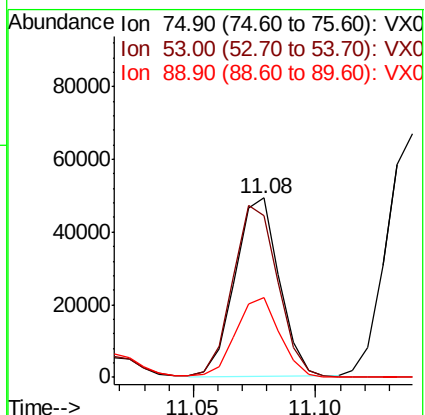
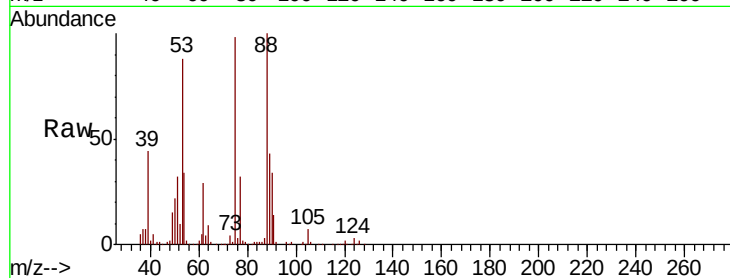
Tot Ion: 75 Resp: 61830

Ion Ratio Lower Upper

75 100

53 97.8 80.2 120.4

89 44.9 37.1 55.7



#82

4-Chlorotoluene

Concen: 50.567 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004949.D

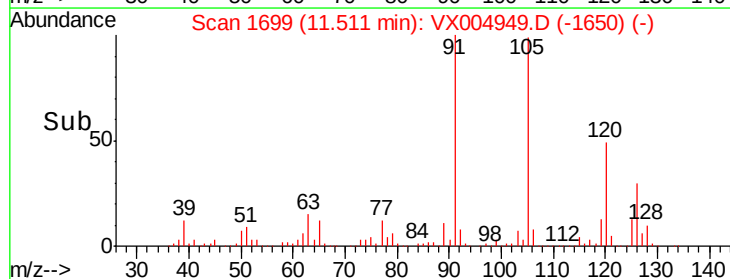
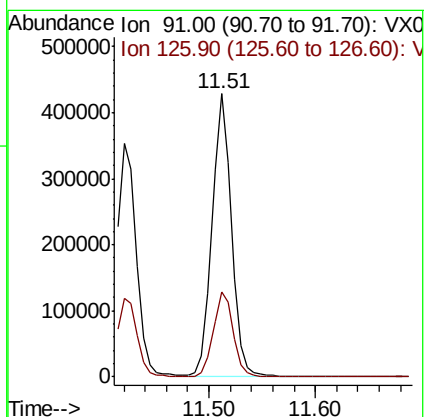
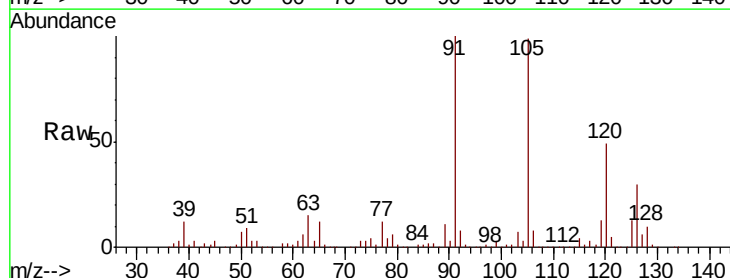
Acq: 03 Oct 2018 05:17

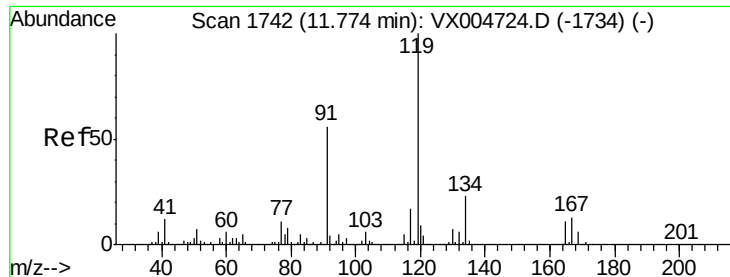
Tgt Ion: 91 Resp: 535025

Ion Ratio Lower Upper

91 100

126 30.6 15.5 46.5

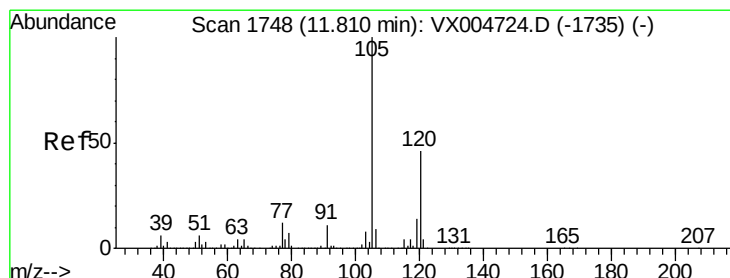
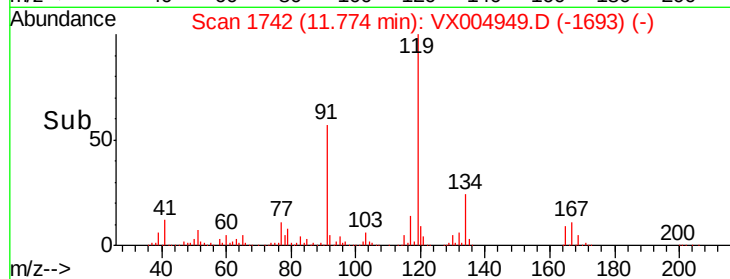
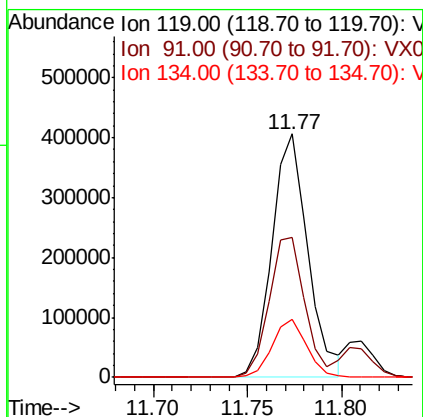
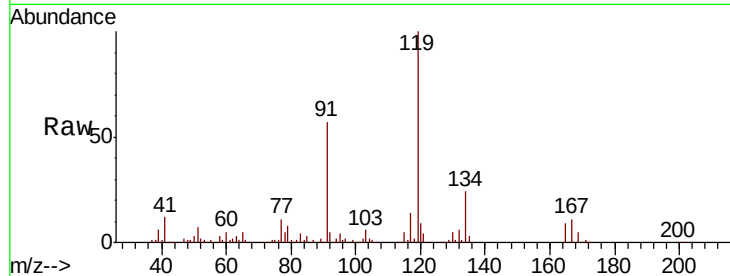




#83
 tert-Butylbenzene
 Concen: 51.724 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

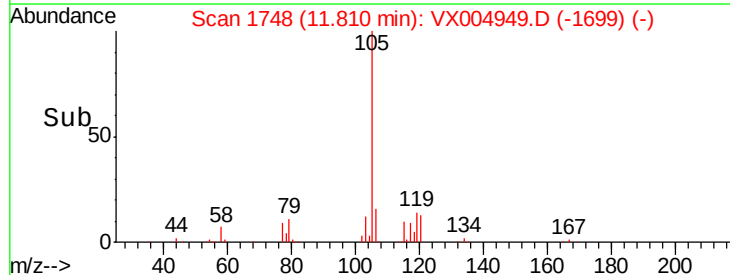
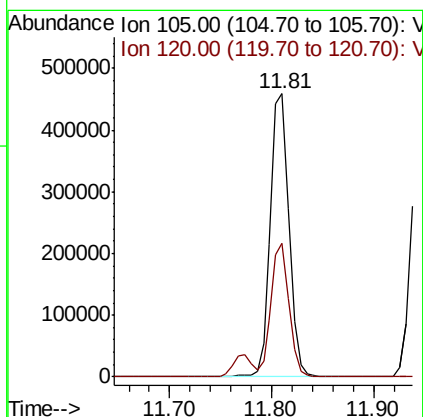
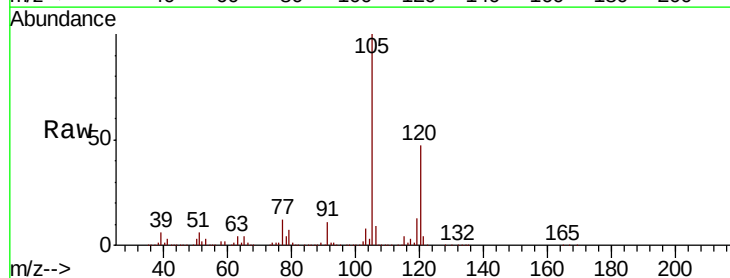
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

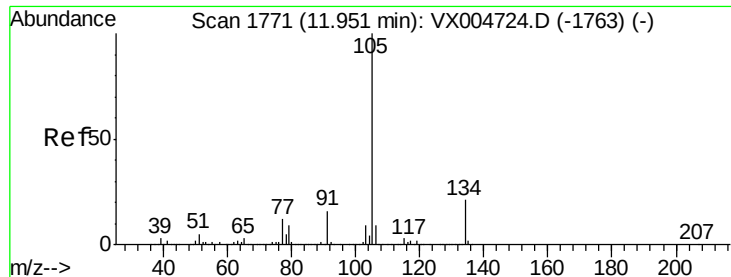
Tot Ion:119 Resp: 535252
 Ion Ratio Lower Upper
 119 100
 91 57.1 27.5 82.5
 134 23.1 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 48.718 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion:105 Resp: 578825
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.8 68.3





#85

sec-Butylbenzene

Concen: 52.111 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

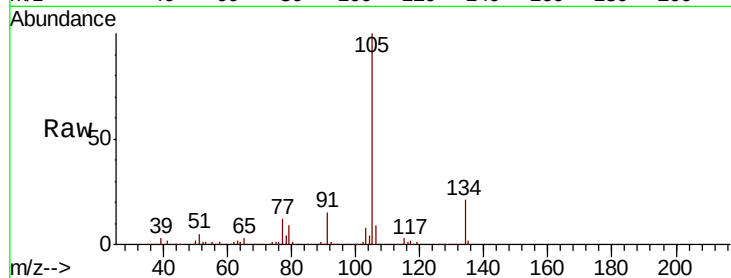
VSTDCCC050

Tot Ion:105 Resp: 656831

Ion Ratio Lower Upper

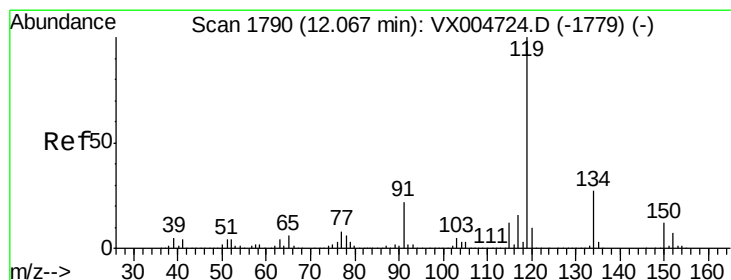
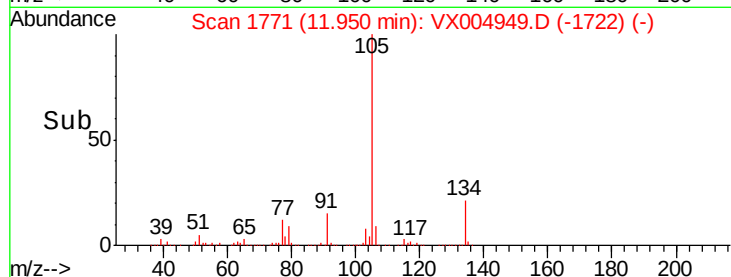
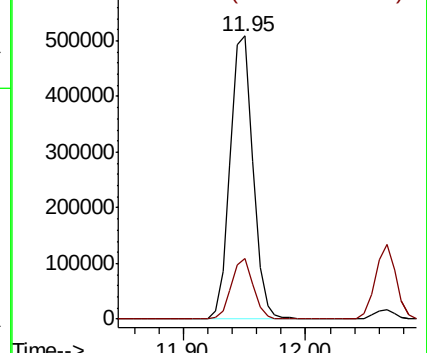
105 100

134 20.5 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.946 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

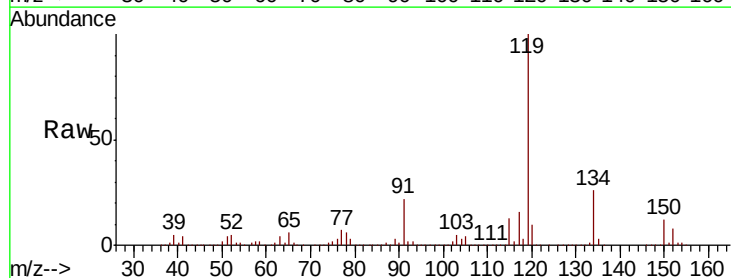
Tgt Ion:119 Resp: 593214

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

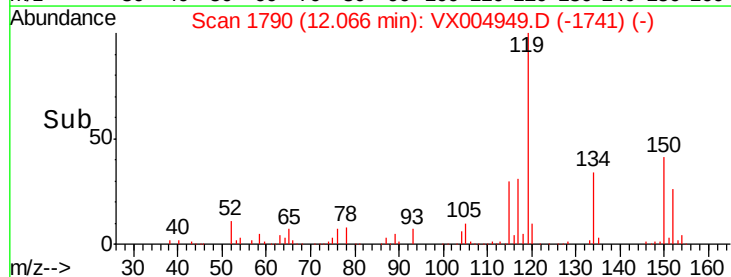
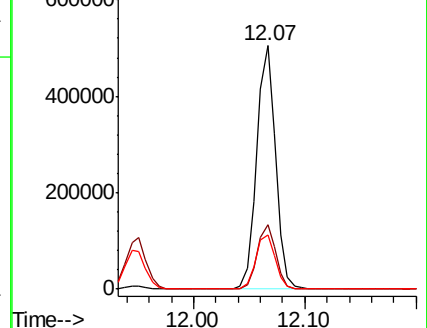
91 22.9 11.5 34.4

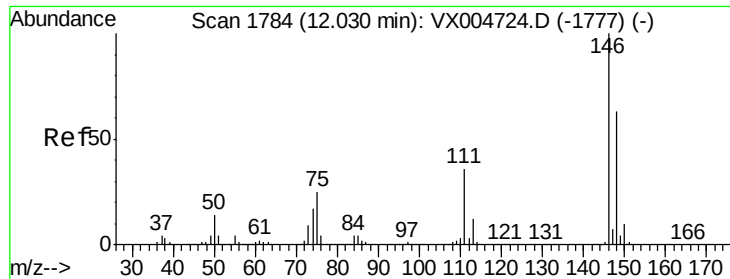


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

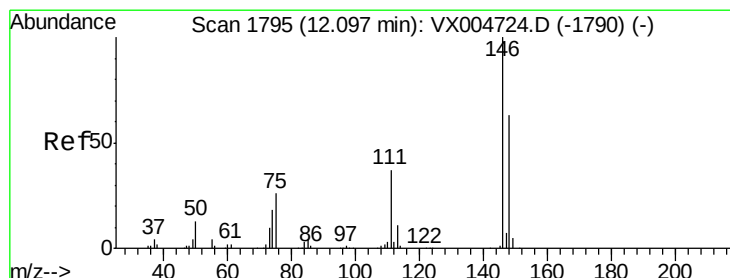
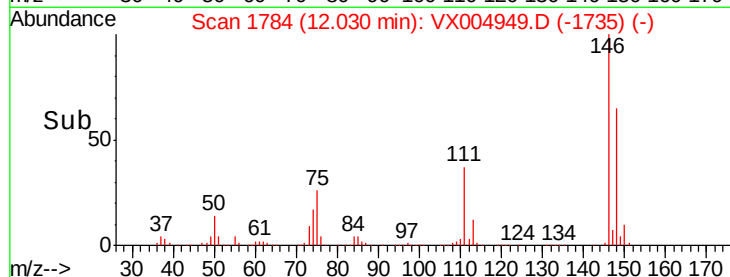
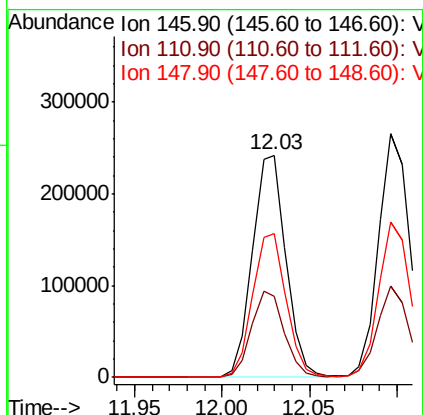
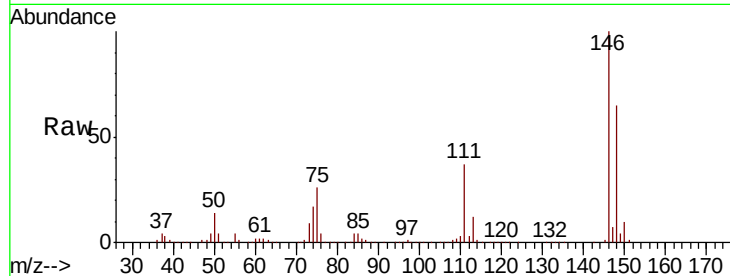




#87
 1,3-Dichlorobenzene
 Concen: 47.473 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

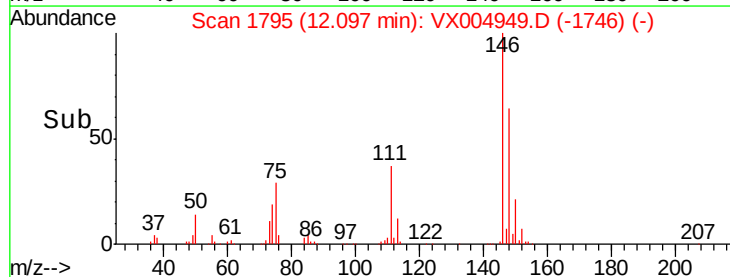
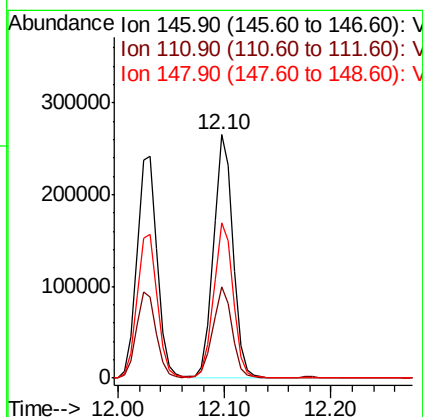
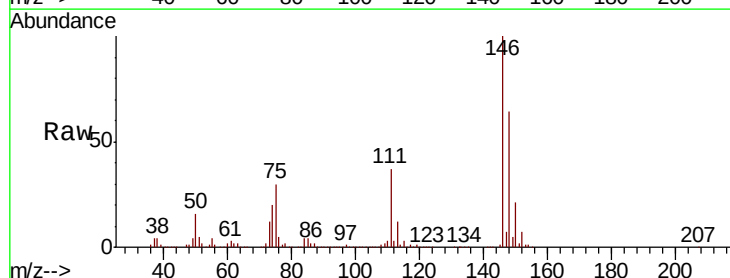
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

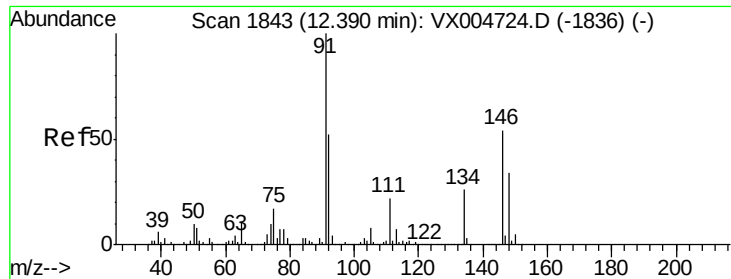
Tot Ion:146 Resp: 323621
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.9 56.9
 148 64.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.071 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion:146 Resp: 331242
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.4 55.2
 148 64.3 32.0 96.0





#89

n-Butylbenzene

Concen: 50.396 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

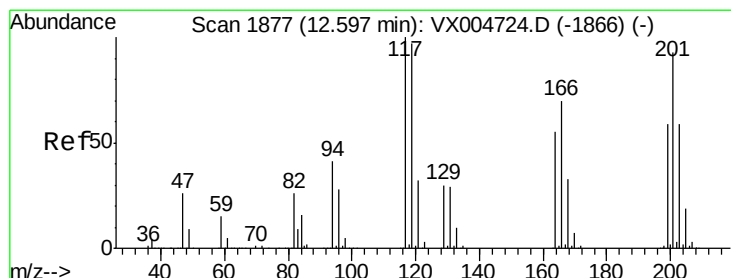
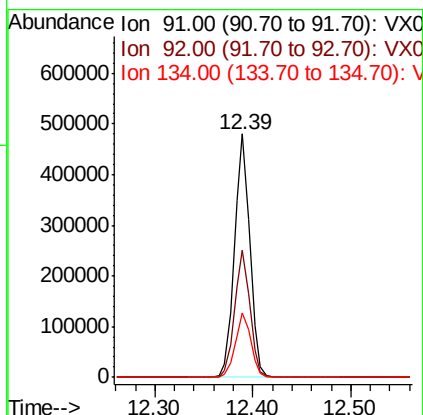
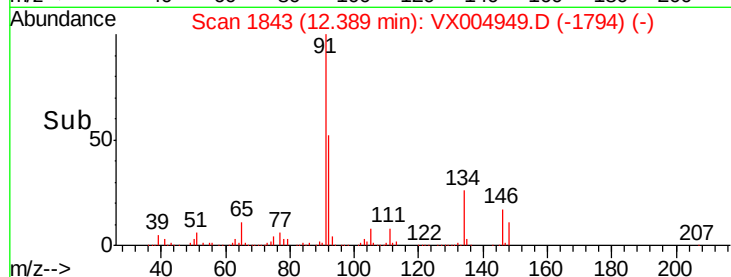
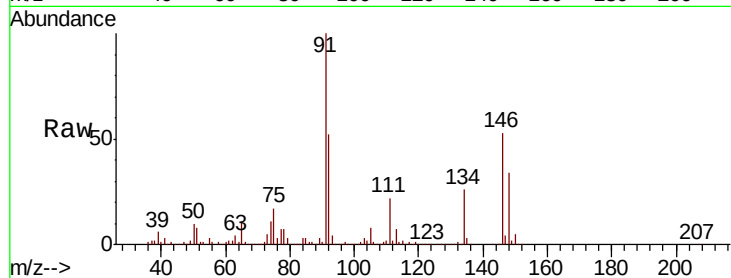
Tot Ion: 91 Resp: 522671

Ion Ratio Lower Upper

91 100

92 52.3 26.0 78.0

134 26.4 13.2 39.6



#90

Hexachloroethane

Concen: 48.702 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX004949.D

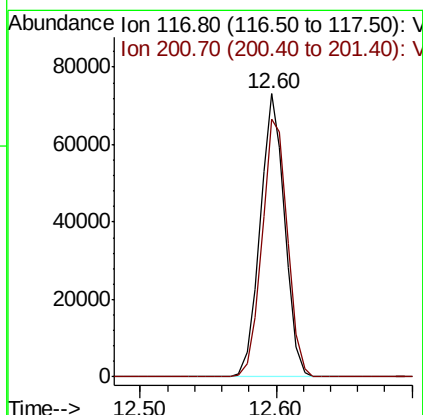
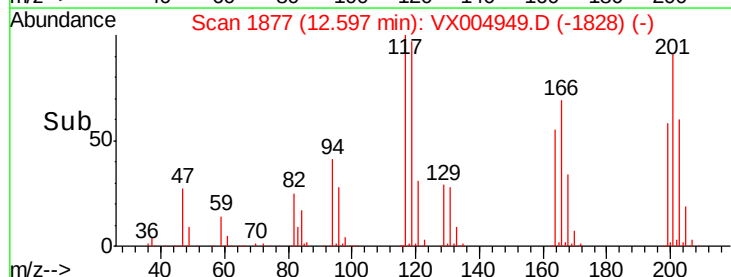
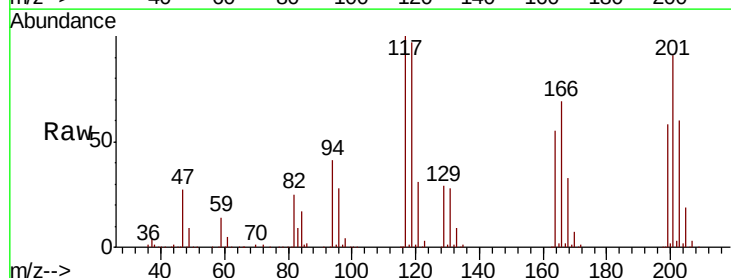
Acq: 03 Oct 2018 05:17

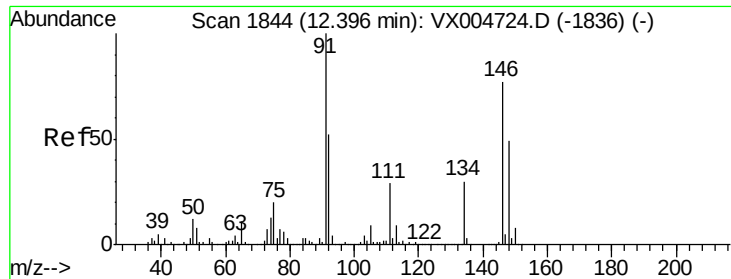
Tgt Ion: 117 Resp: 92601

Ion Ratio Lower Upper

117 100

201 94.3 48.4 145.0

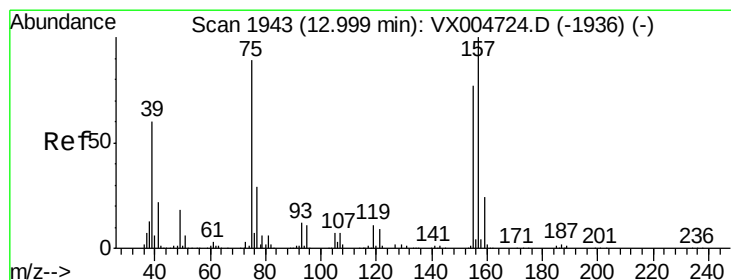
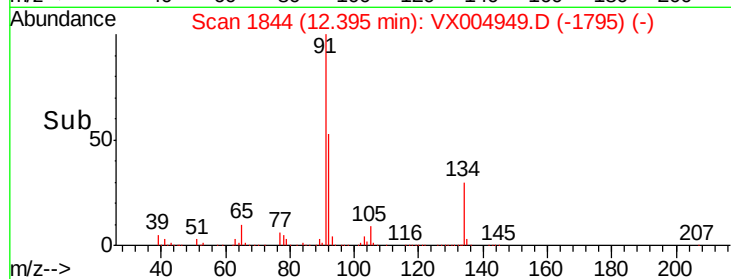
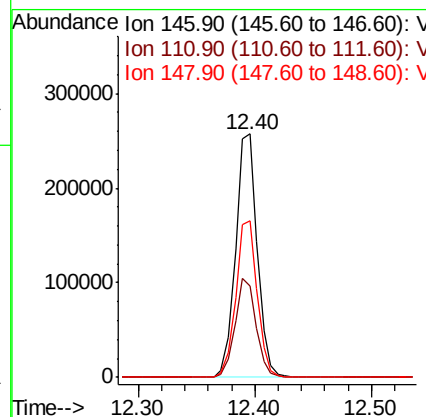
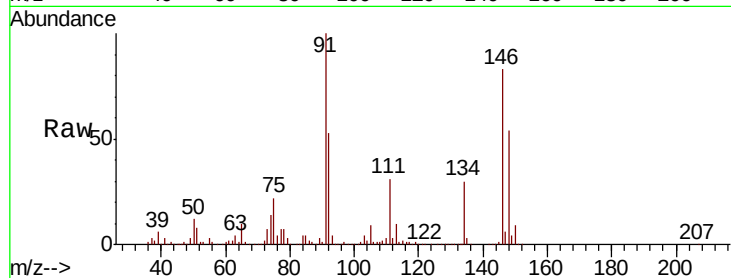




#91
 1,2-Dichlorobenzene
 Concen: 46.570 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

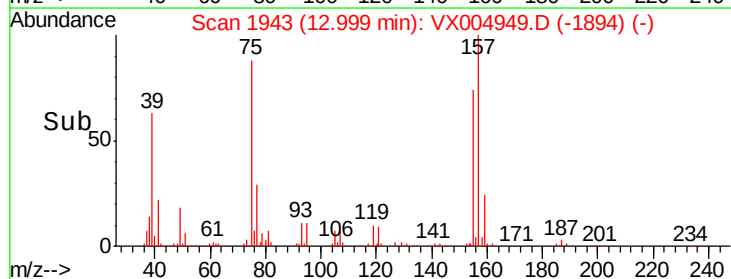
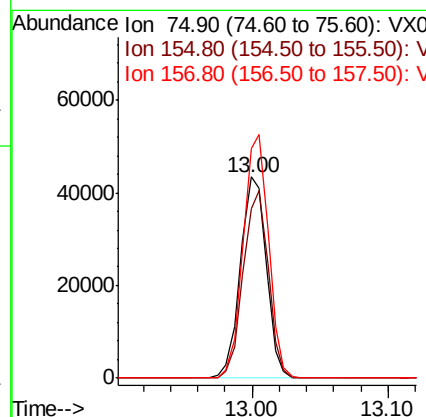
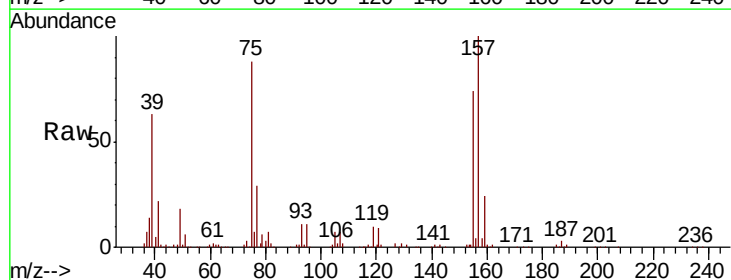
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

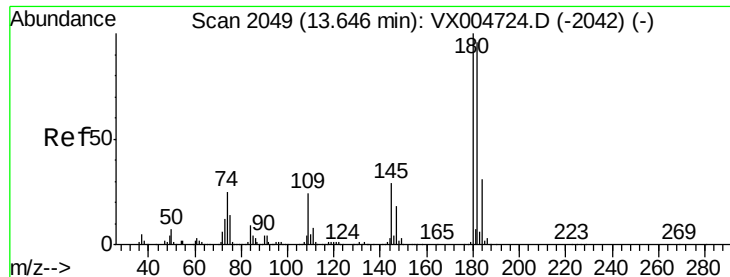
Tot Ion:146 Resp: 331760
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.6 58.7
 148 64.1 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.317 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion: 75 Resp: 57649
 Ion Ratio Lower Upper
 75 100
 155 90.1 46.1 138.3
 157 118.0 60.2 180.6

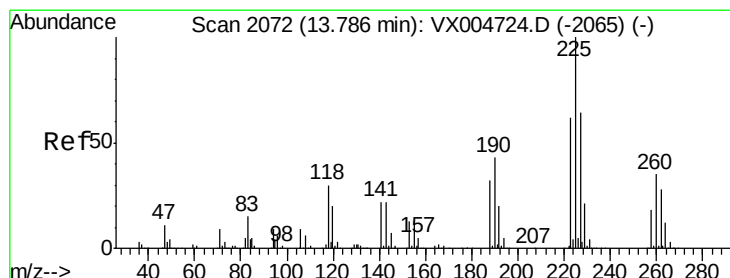
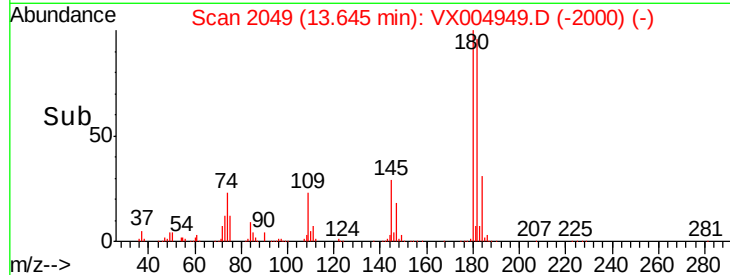
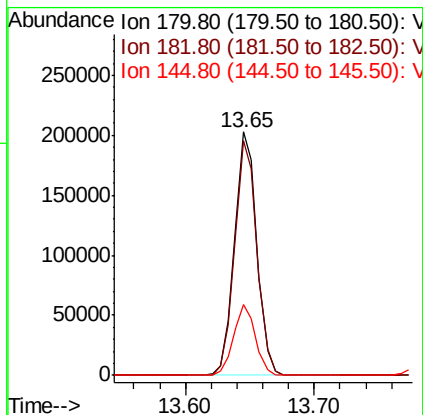
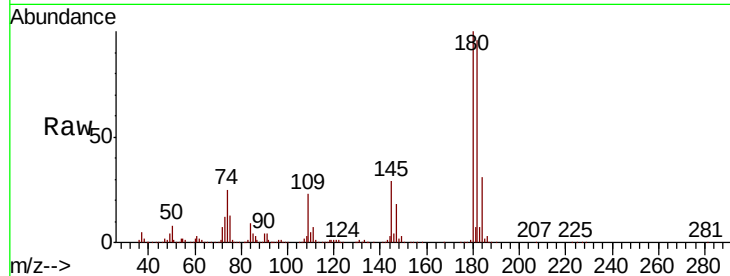




#93
 1,2,4-Trichlorobenzene
 Concen: 49.024 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

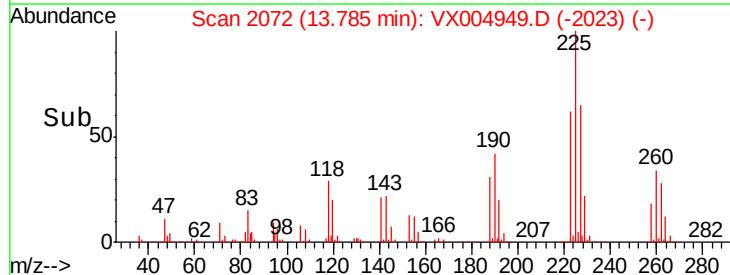
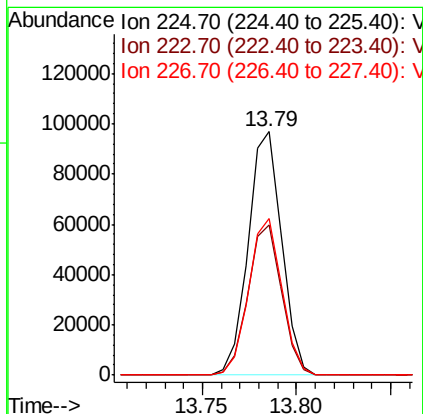
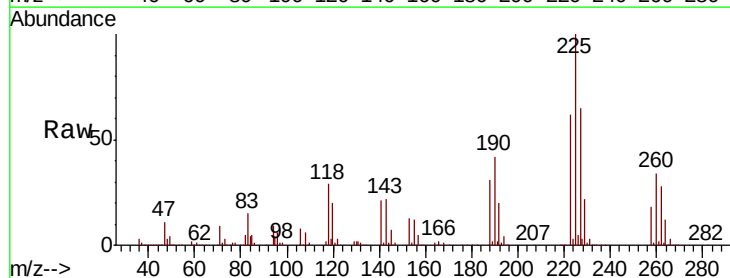
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

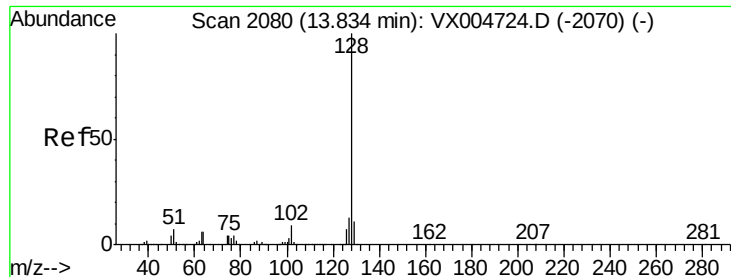
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.8	143.4
145	28.4	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 46.093 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.3	93.8
227	63.8	31.9	95.5





#95

Naphthalene

Concen: 49.173 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

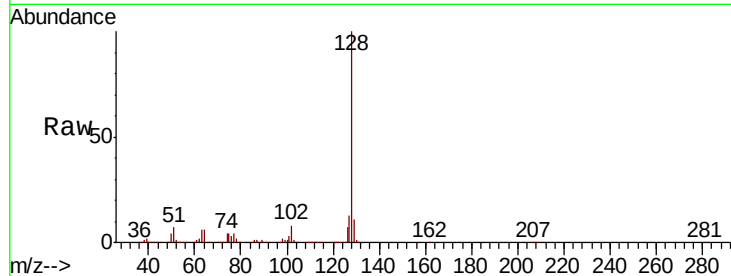
Tot Ion:128 Resp: 815406

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

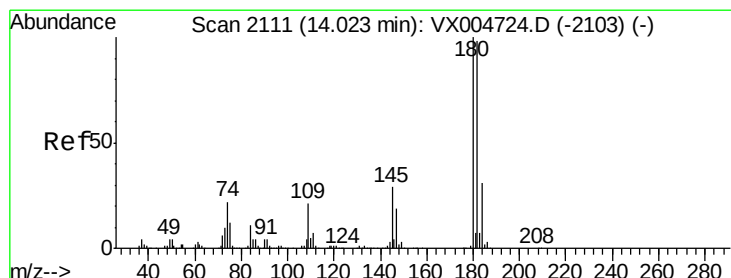
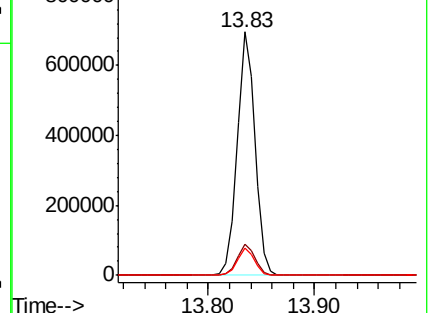
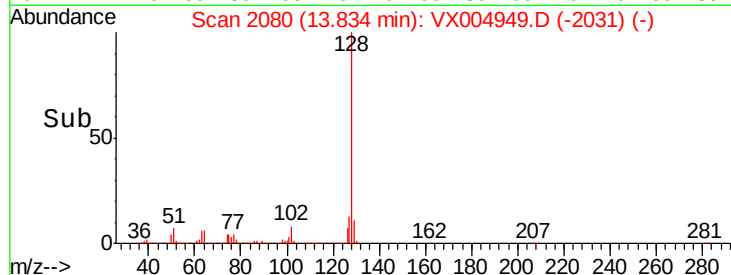
129 10.9 8.7 13.1



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: 50.197 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

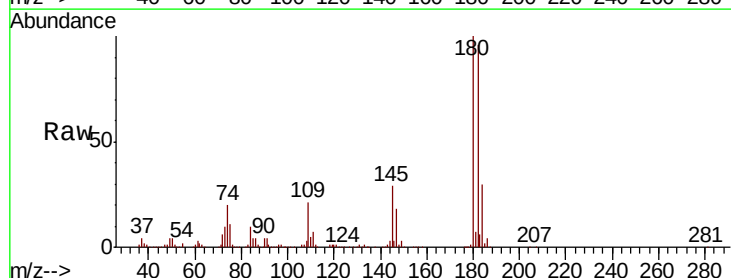
Tgt Ion:180 Resp: 259134

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.8

145 29.6 15.0 45.0



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

