

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101218\
 Data File : VX005327.D
 Acq On : 13 Oct 2018 07:10
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 15 00:55:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	259435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387560	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	366579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211894	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	145165	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	5.50	113	117937	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
50) Toluene-d8	8.71	98	458983	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
62) 4-Bromofluorobenzene	11.14	95	174162	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	108680	53.578	ug/l	99
3) Chloromethane	1.32	50	141239	48.053	ug/l	100
4) Vinyl Chloride	1.41	62	144884	48.660	ug/l	99
5) Bromomethane	1.64	94	89250	53.039	ug/l	97
6) Chloroethane	1.71	64	92670	52.997	ug/l	97
7) Trichlorofluoromethane	1.92	101	207140	52.132	ug/l	94
8) Diethyl Ether	2.19	74	88763	52.314	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	118899	51.846	ug/l	96
10) Methyl Iodide	2.51	142	149520	58.990	ug/l	100
11) Tert butyl alcohol	3.08	59	218823	269.415	ug/l	99
12) 1,1-Dichloroethene	2.37	96	119354	52.527	ug/l	93
13) Acrolein	2.29	56	117625	226.747	ug/l	96
14) Allyl chloride	2.73	41	253075	50.730	ug/l	94
15) Acrylonitrile	3.15	53	473447	257.233	ug/l	97
16) Acetone	2.45	43	418407	251.327	ug/l	96
17) Carbon Disulfide	2.56	76	337203	48.989	ug/l	98
18) Methyl Acetate	2.78	43	257299	54.325	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	442954	55.351	ug/l	96
20) Methylene Chloride	2.85	84	142879	59.141	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	129394	51.385	ug/l	98
22) Diisopropyl ether	3.87	45	455018	54.303	ug/l	96
23) Vinyl Acetate	3.82	43	1958572	267.430	ug/l	97
24) 1,1-Dichloroethane	3.70	63	256426	53.397	ug/l	98
25) 2-Butanone	4.70	43	636650	261.373	ug/l #	87
26) 2,2-Dichloropropane	4.58	77	121563	33.847	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	139553	50.994	ug/l	98
28) Bromochloromethane	5.02	49	113404	51.802	ug/l	97
29) Tetrahydrofuran	5.15	42	402417	259.002	ug/l	94
30) Chloroform	5.21	83	230566	51.727	ug/l	99
31) Cyclohexane	5.57	56	208375	52.646	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	204783	52.801	ug/l	98
36) 1,1-Dichloropropene	5.80	75	172659	46.000	ug/l	100
37) Ethyl Acetate	4.85	43	223451	46.291	ug/l	99
38) Carbon Tetrachloride	5.78	117	175395	46.506	ug/l	97

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	197576	48.636	ug/l	94
40) Benzene	6.14	78	522612	46.414	ug/l	98
41) Methacrylonitrile	5.06	41	126258	48.789	ug/l	96
42) 1,2-Dichloroethane	6.20	62	184421	46.386	ug/l	98
43) Isopropyl Acetate	6.46	43	340326	52.927	ug/l	98
44) Trichloroethene	7.21	130	142660	49.616	ug/l	97
45) 1,2-Dichloropropane	7.52	63	141295	51.157	ug/l	99
46) Dibromomethane	7.66	93	89978	49.359	ug/l	99
47) Bromodichloromethane	7.90	83	170608	50.597	ug/l	99
48) Methyl methacrylate	7.77	41	175368	52.584	ug/l	95
49) 1,4-Dioxane	7.76	88	79414	1032.410	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1197317	268.920	ug/l	96
52) Toluene	8.79	92	333923	54.208	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	184115	50.455	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	199895	50.556	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	136943	52.486	ug/l	97
56) Ethyl methacrylate	9.18	69	216931	57.033	ug/l	95
57) 1,3-Dichloropropane	9.37	76	229420	52.681	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	593887	278.410	ug/l	96
59) 2-Hexanone	9.50	43	955851	266.888	ug/l	94
60) Dibromochloromethane	9.59	129	140783	52.200	ug/l	99
61) 1,2-Dibromoethane	9.67	107	142000	51.859	ug/l	99
64) Tetrachloroethene	9.34	164	148147	50.200	ug/l	98
65) Chlorobenzene	10.14	112	375157	48.112	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	135782	48.865	ug/l	99
67) Ethyl Benzene	10.25	91	646526	51.003	ug/l	97
68) m/p-Xylenes	10.36	106	499761	101.575	ug/l	95
69) o-Xylene	10.70	106	242748	51.157	ug/l	98
70) Styrene	10.71	104	412275	52.823	ug/l	98
71) Bromoform	10.86	173	119718	48.212	ug/l	100
73) Isopropylbenzene	11.02	105	660998	52.475	ug/l	100
74) N-amyl acetate	10.90	43	323810	53.298	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	227879	47.957	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	255337	62.124	ug/l	87
77) Bromobenzene	11.26	156	178972	49.691	ug/l	99
78) n-propylbenzene	11.36	91	760048	52.434	ug/l	100
79) 2-Chlorotoluene	11.42	91	448990	50.577	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	562434	52.141	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	57328	42.381	ug/l	98
82) 4-Chlorotoluene	11.51	91	532523	50.604	ug/l	100
83) tert-Butylbenzene	11.77	119	560811	51.341	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	582553	52.479	ug/l	98
85) sec-Butylbenzene	11.94	105	675113	52.225	ug/l	99
86) p-Isopropyltoluene	12.07	119	606518	51.910	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	329120	48.902	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	335821	48.776	ug/l	99
89) n-Butylbenzene	12.39	91	537161	50.635	ug/l	98
90) Hexachloroethane	12.60	117	97674	48.507	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	337370	49.122	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55508	47.889	ug/l	100

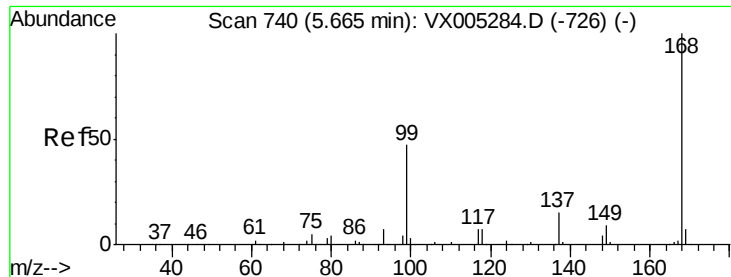
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	257584	51.120	ug/l	99
94) Hexachlorobutadiene	13.79	225	124892	46.930	ug/l	97
95) Naphthalene	13.83	128	800164	54.756	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	263844	51.175	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

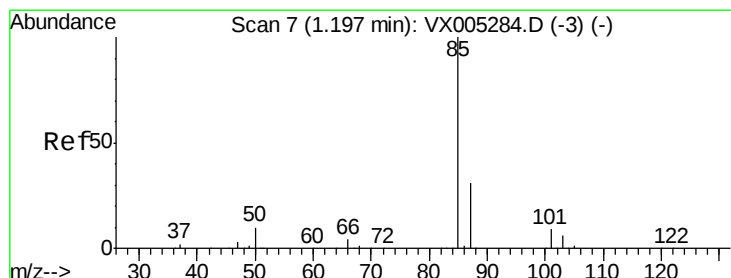
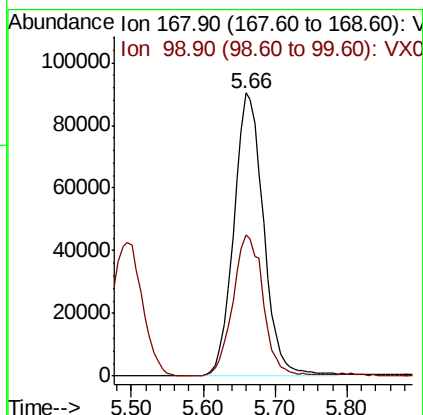
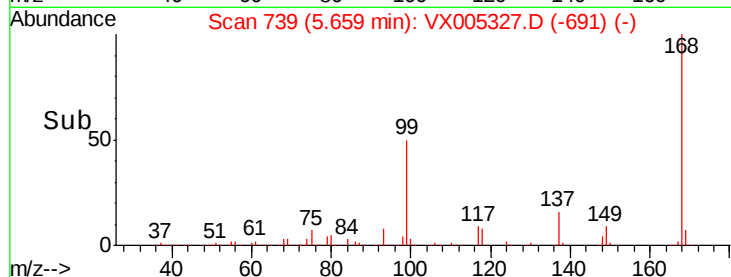
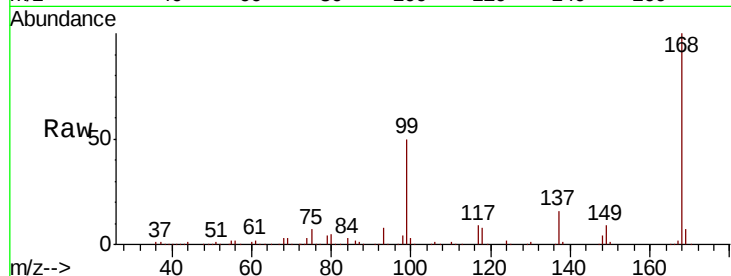
VSTDCCC050EC

Tot Ion:168 Resp: 259435

Ion Ratio Lower Upper

168 100

99 49.6 39.9 59.9



#2

Dichlorodifluoromethane

Concen: 53.578 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005327.D

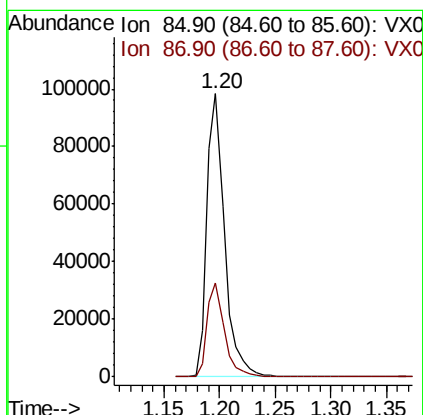
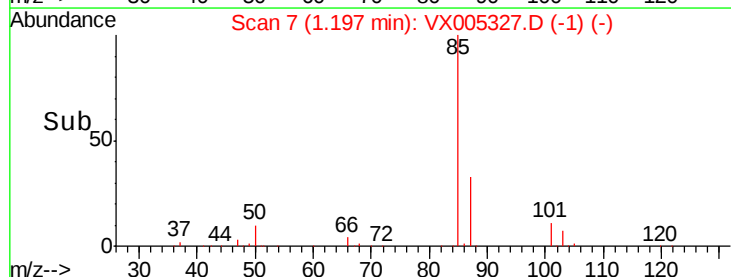
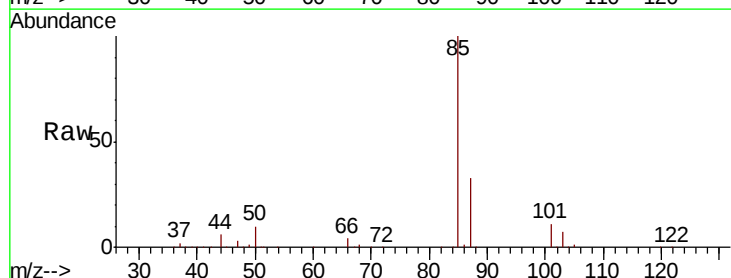
Acq: 13 Oct 2018 07:10

Tgt Ion: 85 Resp: 108680

Ion Ratio Lower Upper

85 100

87 33.1 17.0 50.9





#3

Chloromethane

Concen: 48.053 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

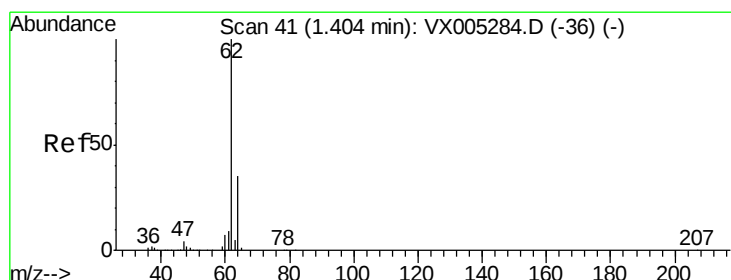
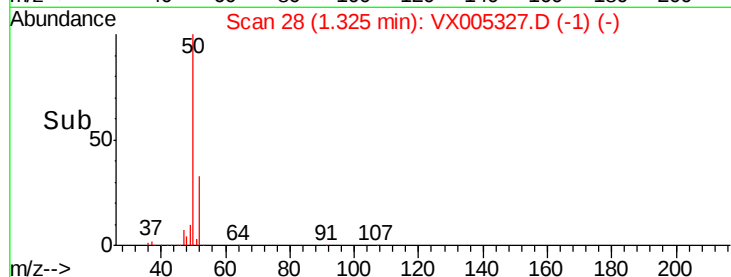
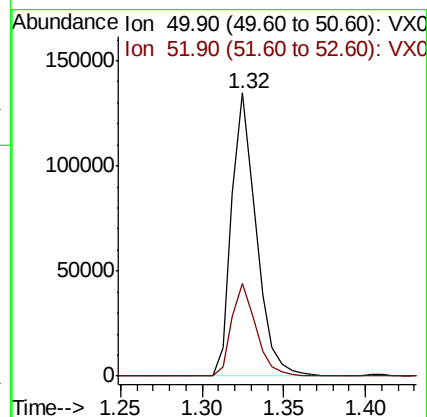
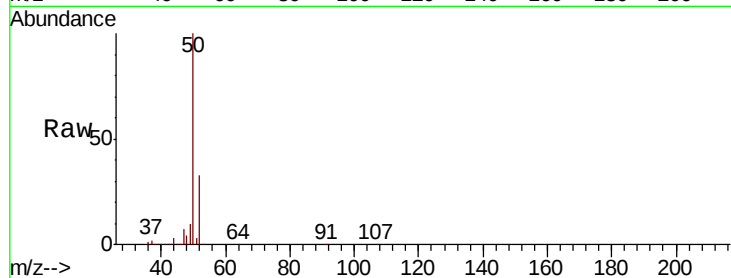
VSTDCCC050EC

Tot Ion: 50 Resp: 141239

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2



#4

Vinyl Chloride

Concen: 48.660 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005327.D

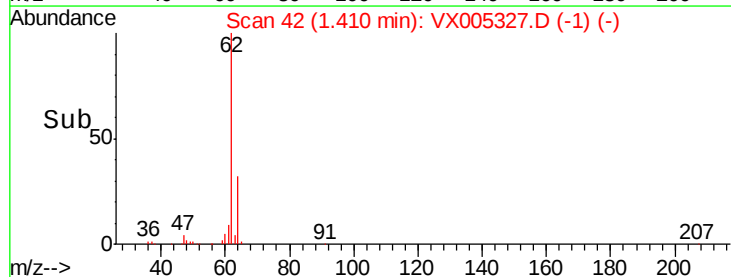
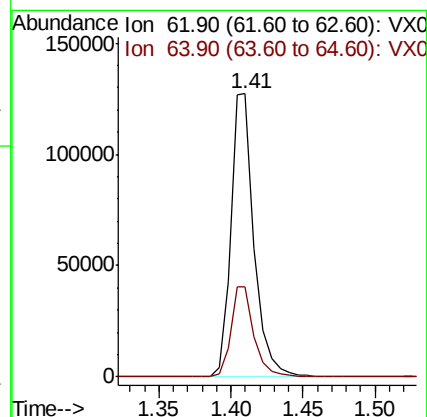
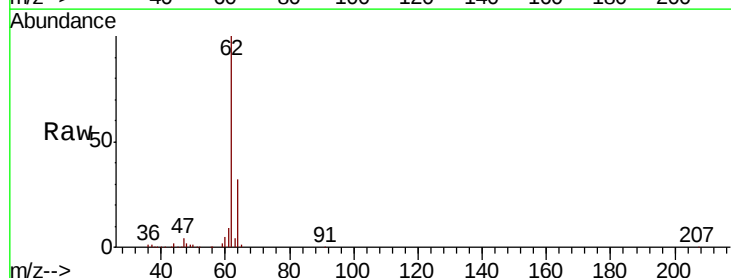
Acq: 13 Oct 2018 07:10

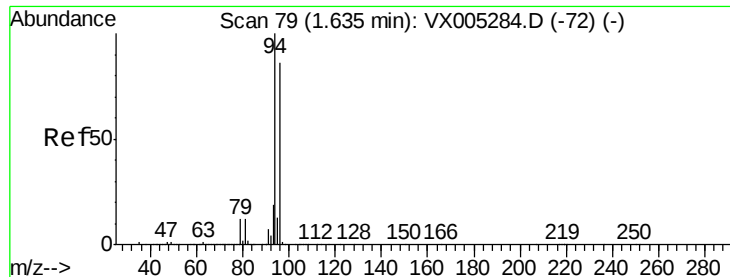
Tgt Ion: 62 Resp: 144884

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.8





#5

Bromomethane

Concen: 53.039 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

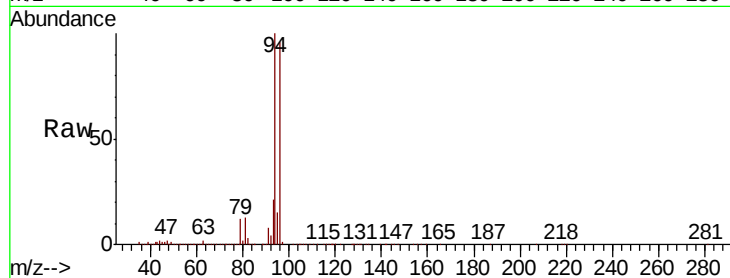
VSTDCCC050EC

Tot Ion: 94 Resp: 89250

Ion Ratio Lower Upper

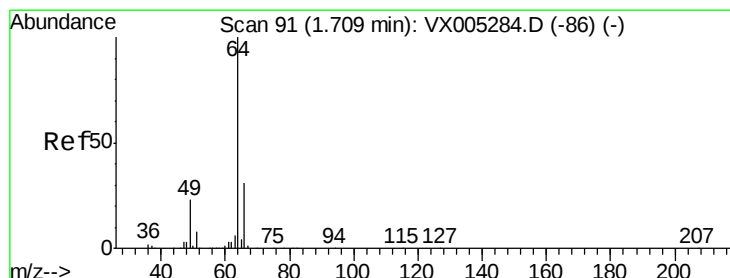
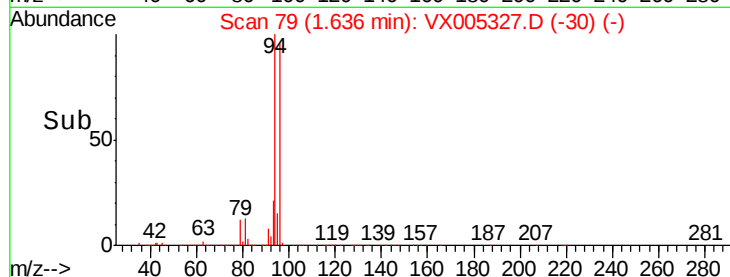
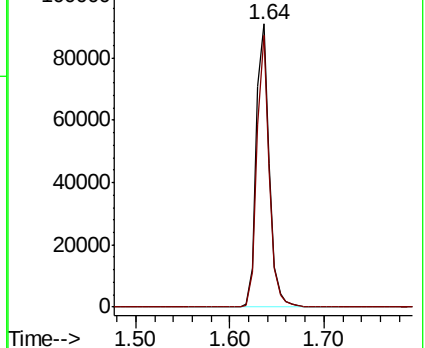
94 100

96 95.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.997 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX005327.D

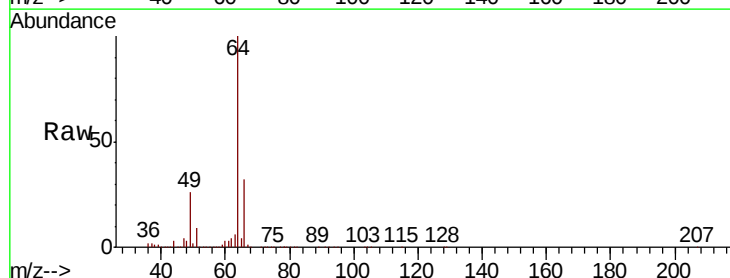
Acq: 13 Oct 2018 07:10

Tgt Ion: 64 Resp: 92670

Ion Ratio Lower Upper

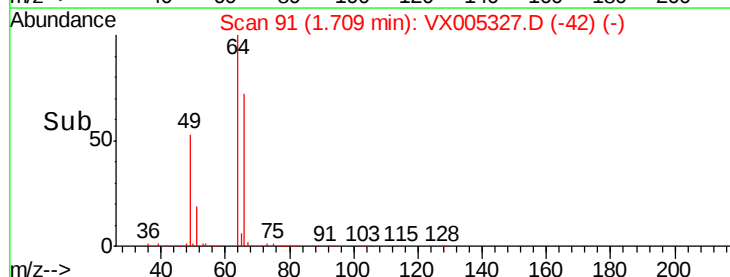
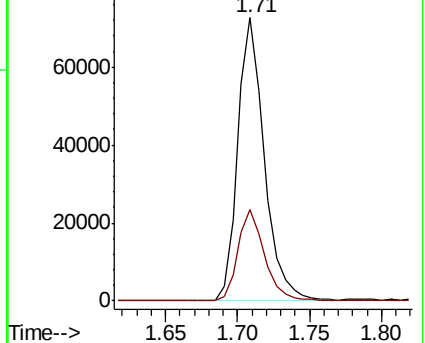
64 100

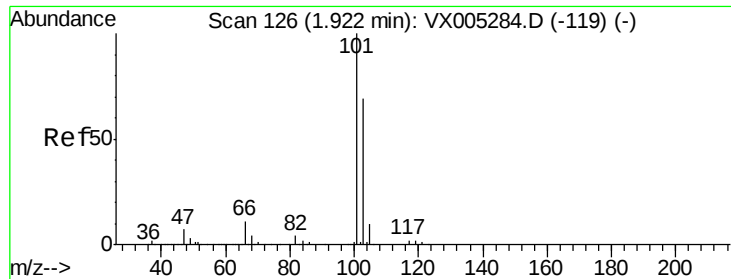
66 32.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



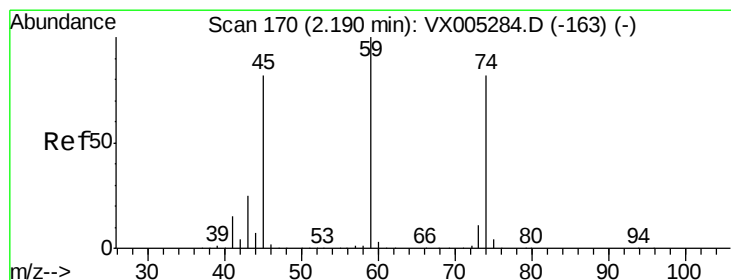
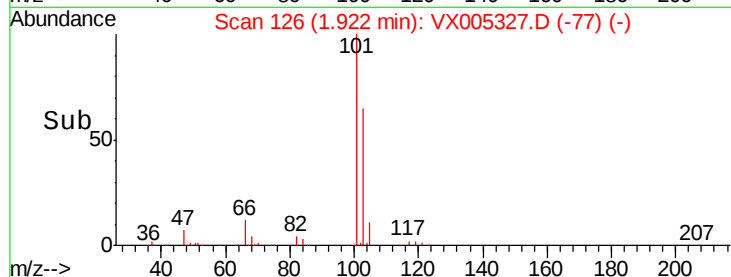
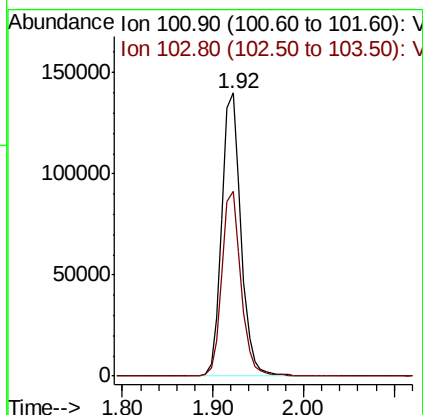
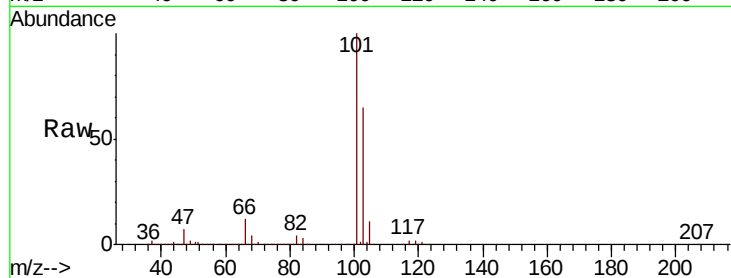


#7

Trichlorofluoromethane
 Concen: 52.132 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX005327.D
 Acq: 13 Oct 2018 07:10

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

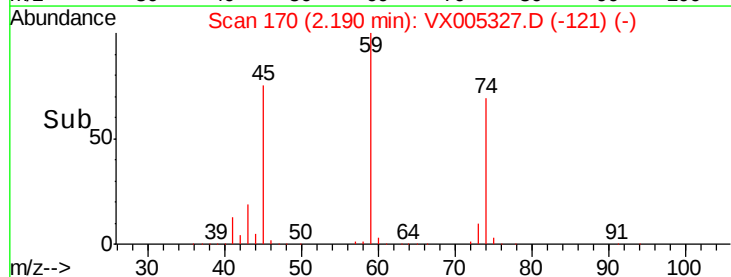
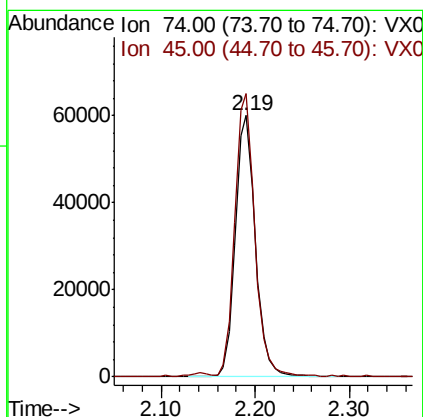
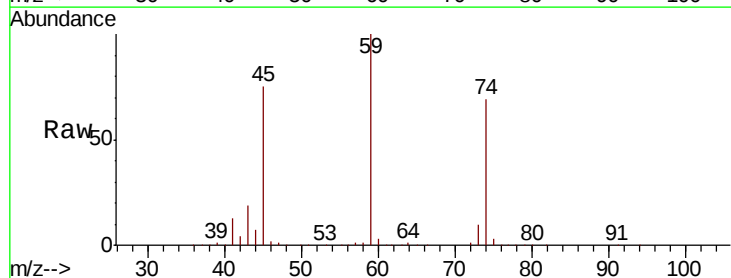
Tot Ion:101 Resp: 207140
 Ion Ratio Lower Upper
 101 100
 103 65.3 48.9 73.3

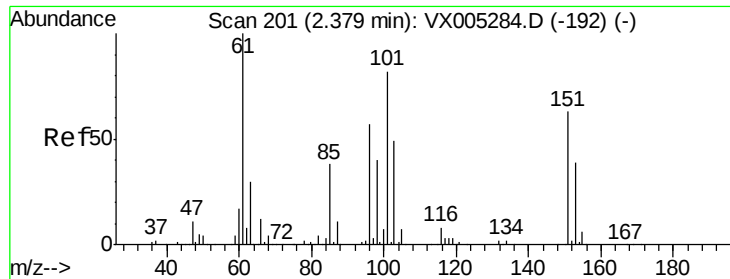


#8

Diethyl Ether
 Concen: 52.314 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005327.D
 Acq: 13 Oct 2018 07:10

Tgt Ion: 74 Resp: 88763
 Ion Ratio Lower Upper
 74 100
 45 106.6 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.846 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

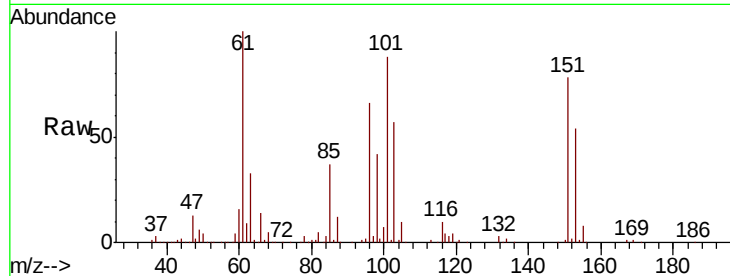
Tot Ion:101 Resp: 118899

Ion Ratio Lower Upper

101 100

85 43.8 34.2 51.4

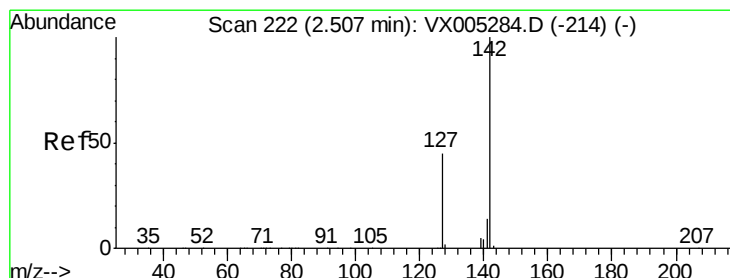
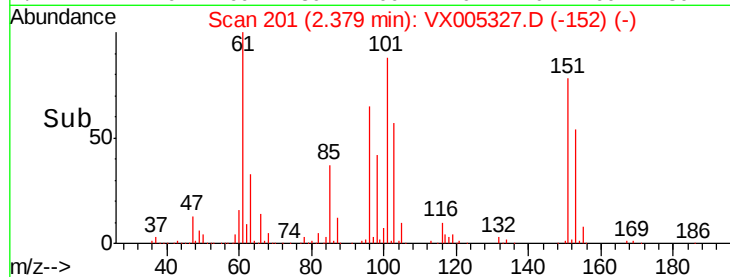
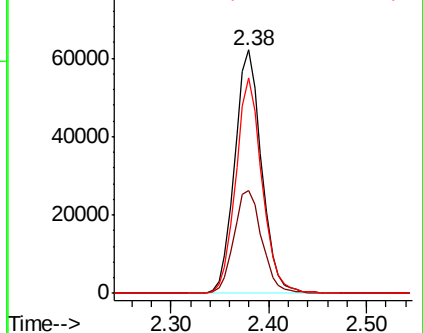
151 86.4 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 58.990 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

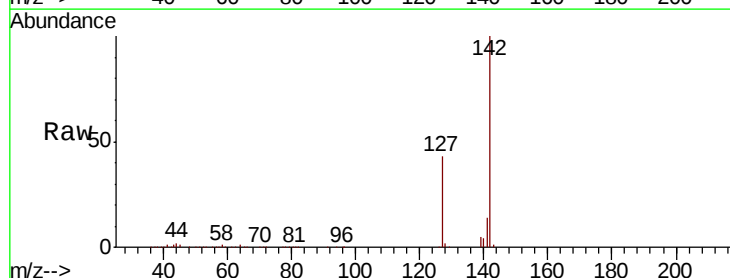
Tgt Ion:142 Resp: 149520

Ion Ratio Lower Upper

142 100

127 42.0 33.8 50.6

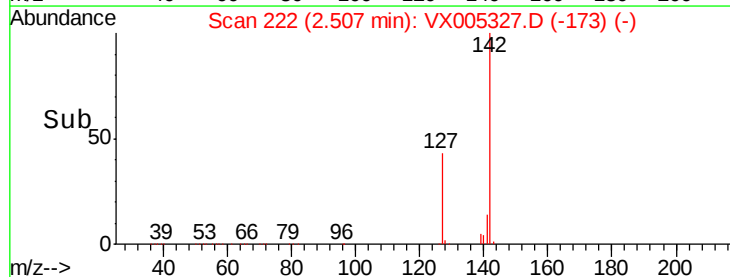
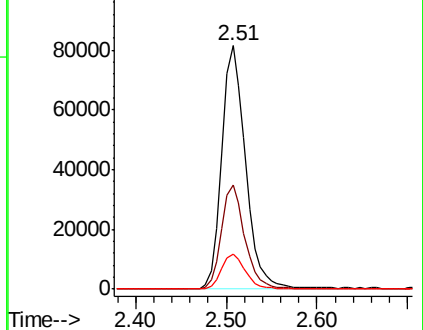
141 14.4 11.4 17.0

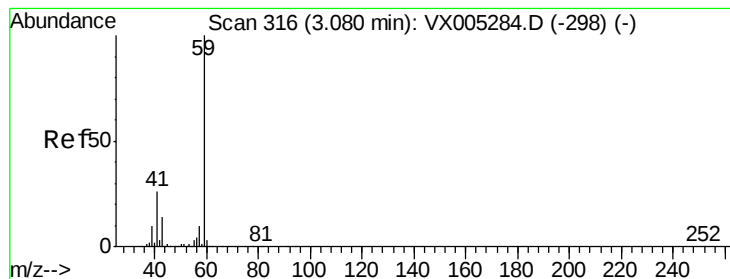


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



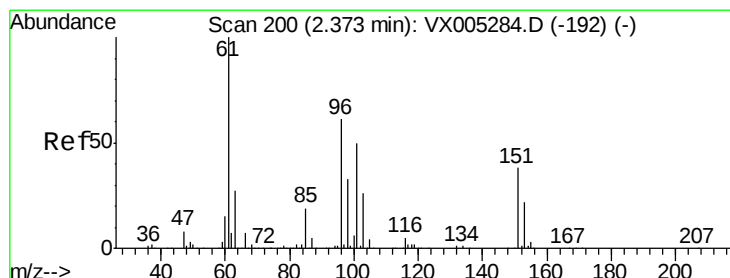
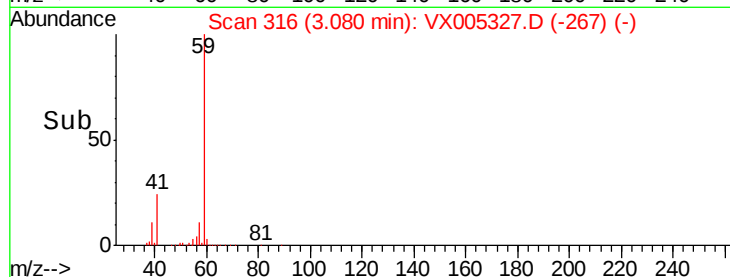
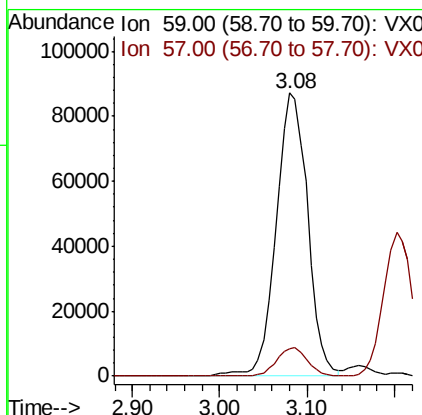
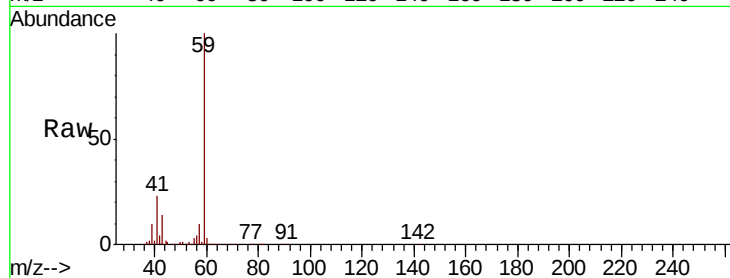


#11

Tert butyl alcohol
 Concen: 269.415 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX005327.D
 Acq: 13 Oct 2018 07:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

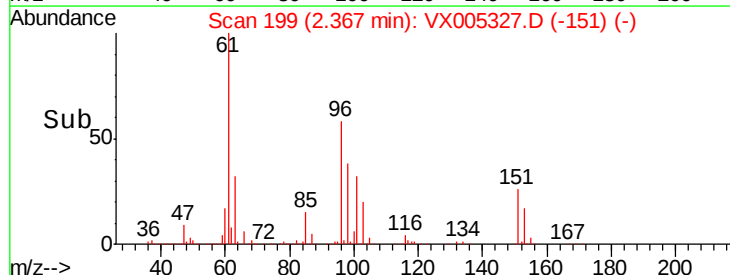
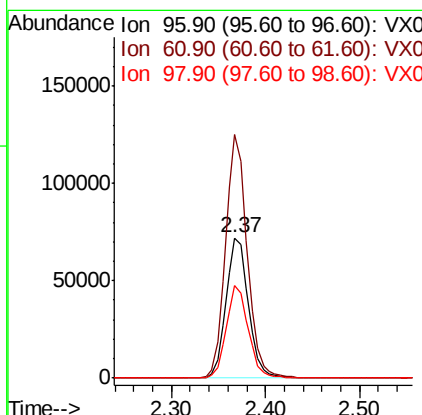
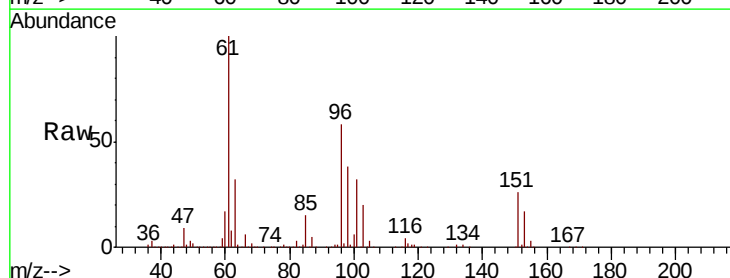
Tot Ion: 59 Resp: 218823
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.4

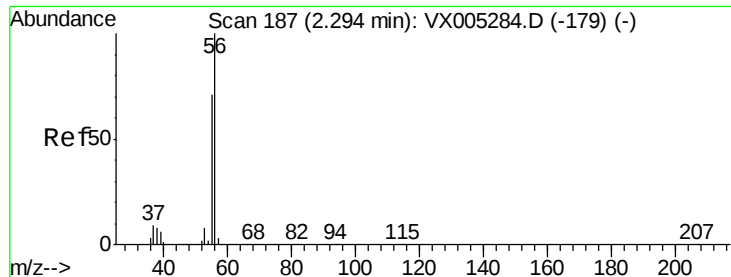


#12

1,1-Dichloroethene
 Concen: 52.527 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX005327.D
 Acq: 13 Oct 2018 07:10

Tgt Ion: 96 Resp: 119354
 Ion Ratio Lower Upper
 96 100
 61 173.5 128.8 193.2
 98 65.7 52.2 78.2





#13

Acrolein

Concen: 226.747 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

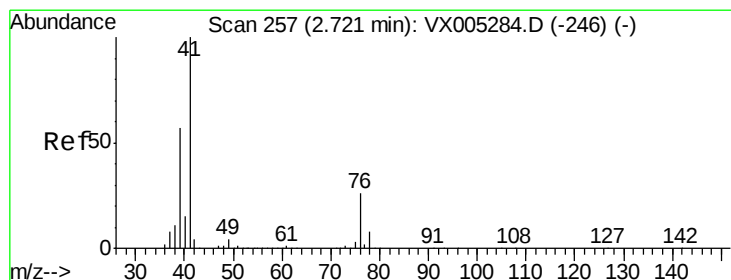
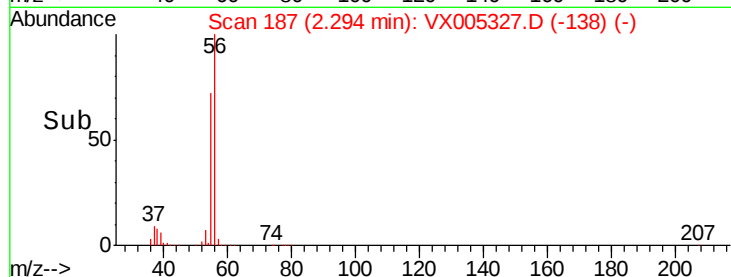
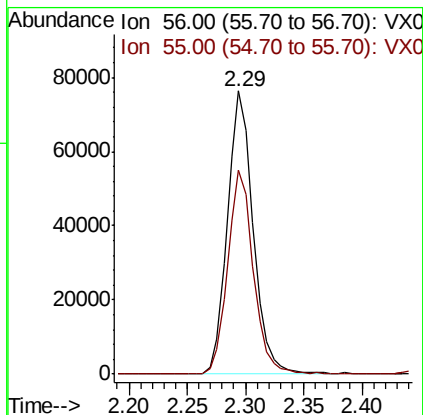
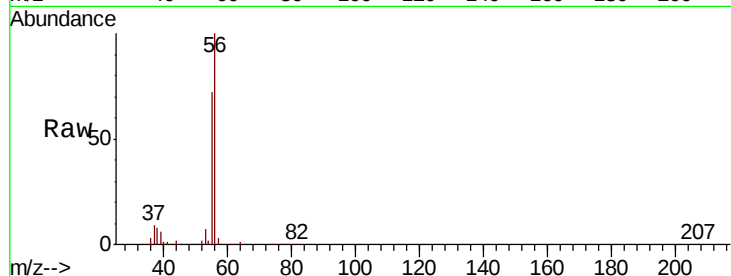
VSTDCCC050EC

Tot Ion: 56 Resp: 117625

Ion Ratio Lower Upper

56 100

55 71.9 54.7 82.1



#14

Allyl chloride

Concen: 50.730 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

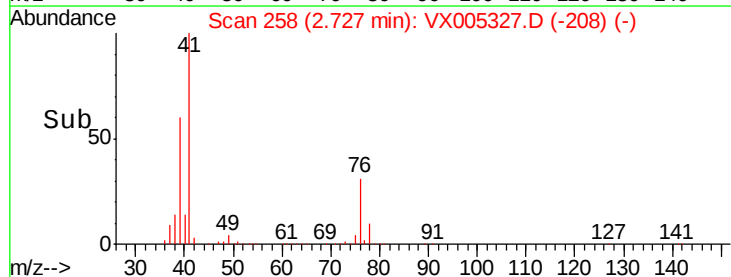
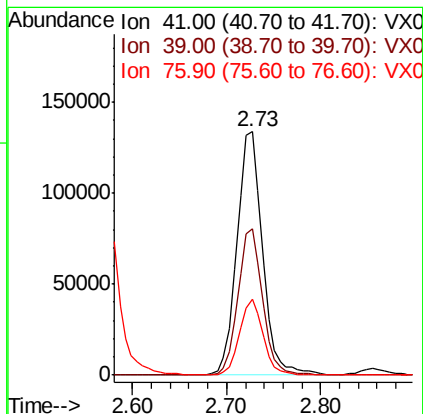
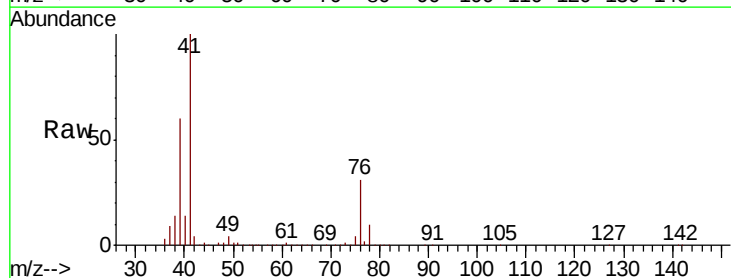
Tgt Ion: 41 Resp: 253075

Ion Ratio Lower Upper

41 100

39 57.3 48.9 73.3

76 28.7 26.7 40.1



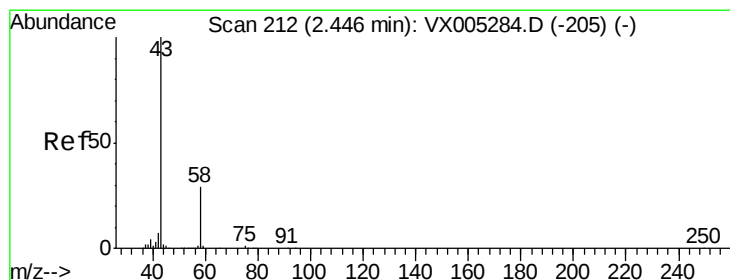
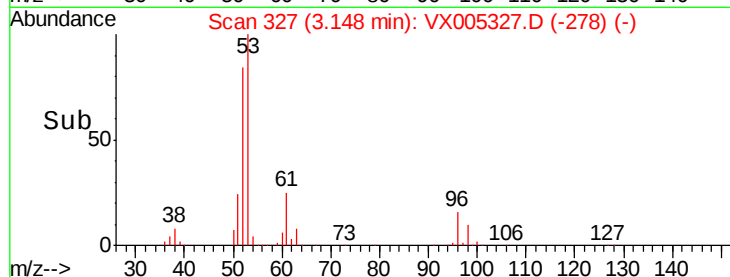
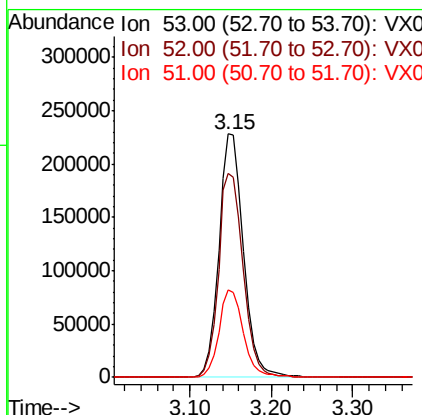
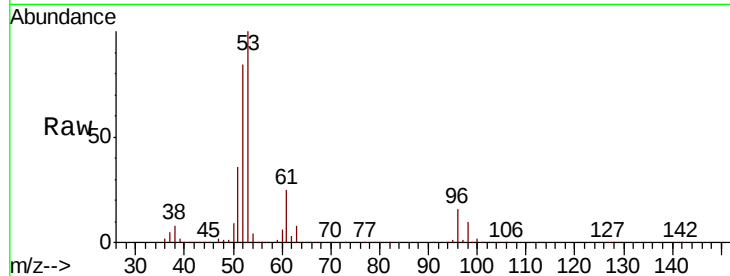


#15
 Acrylonitrile
 Concen: 257.233 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VX005327.D
 Acq: 13 Oct 2018 07:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 53 Resp: 473447

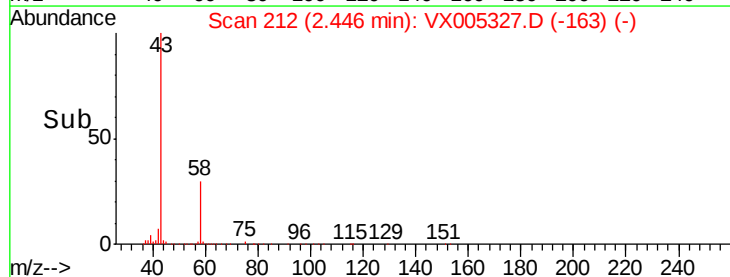
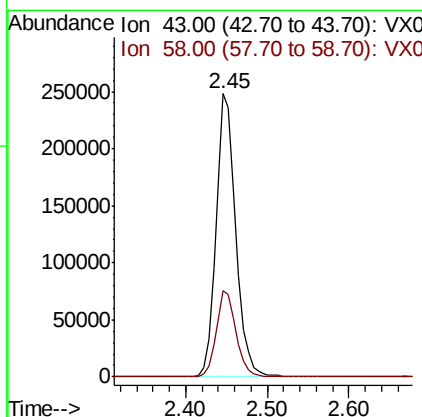
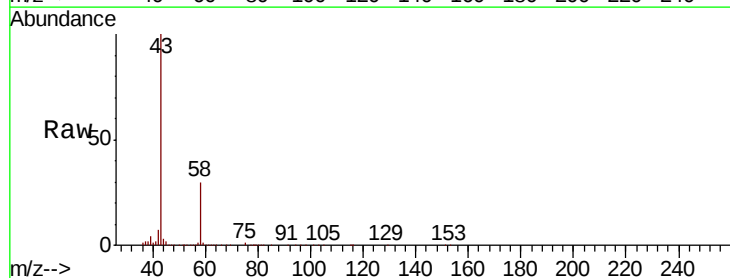
Ion	Ratio	Lower	Upper
53	100		
52	84.6	65.2	97.8
51	36.0	28.2	42.2

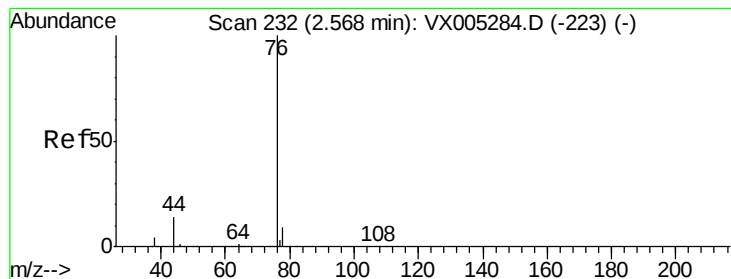


#16
 Acetone
 Concen: 251.327 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX005327.D
 Acq: 13 Oct 2018 07:10

Tgt Ion: 43 Resp: 418407

Ion	Ratio	Lower	Upper
43	100		
58	30.3	26.2	39.4





#17

Carbon Disulfide

Concen: 48.989 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

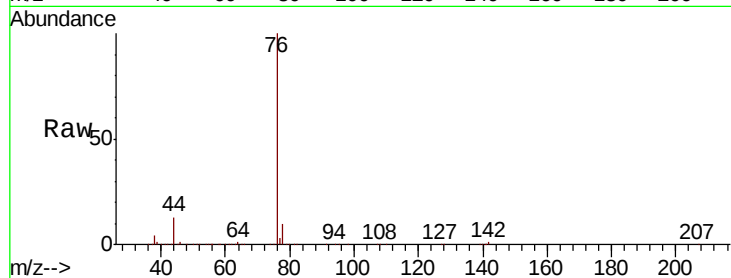
VSTDCCC050EC

Tot Ion: 76 Resp: 337203

Ion Ratio Lower Upper

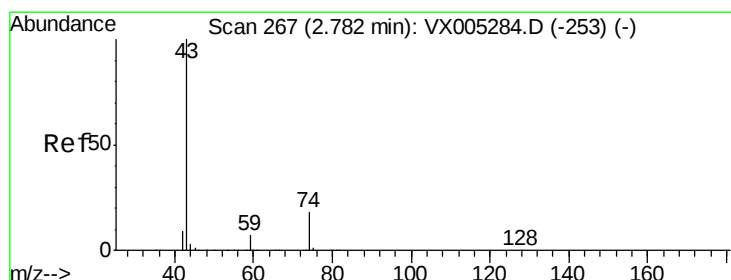
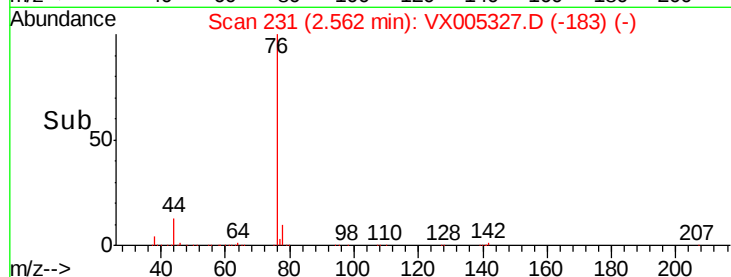
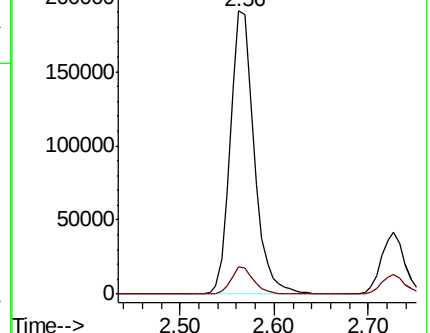
76 100

78 9.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 54.325 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005327.D

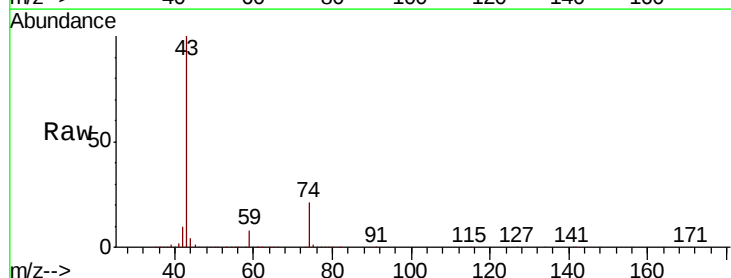
Acq: 13 Oct 2018 07:10

Tgt Ion: 43 Resp: 257299

Ion Ratio Lower Upper

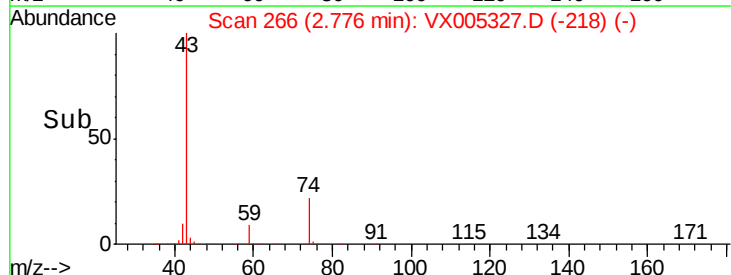
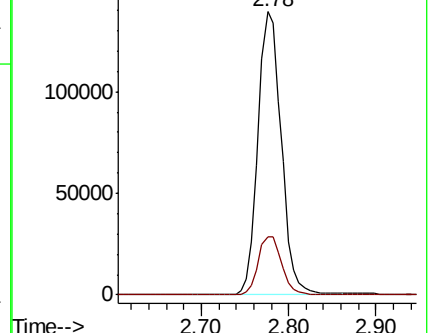
43 100

74 21.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



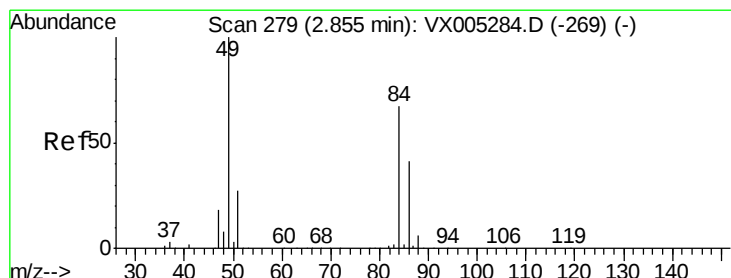
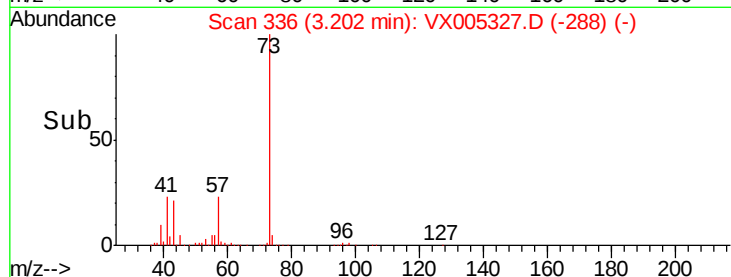
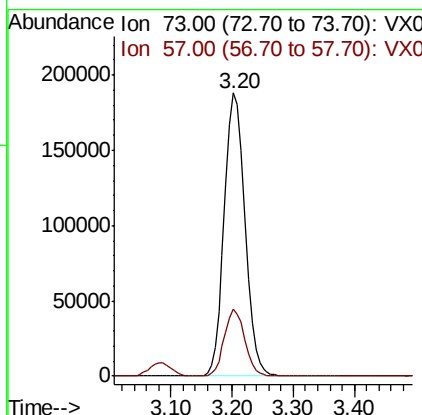
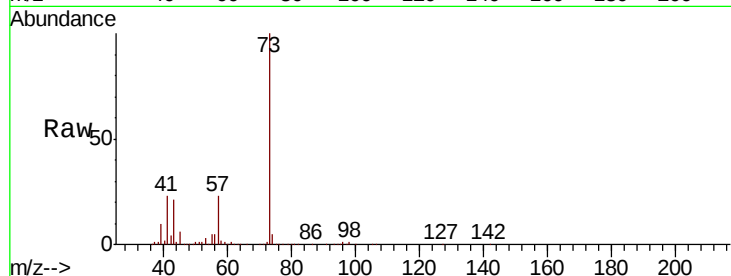


#19

Methyl tert-butyl Ether
 Concen: 55.351 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.01 min
 Lab File: VX005327.D
 Acq: 13 Oct 2018 07:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

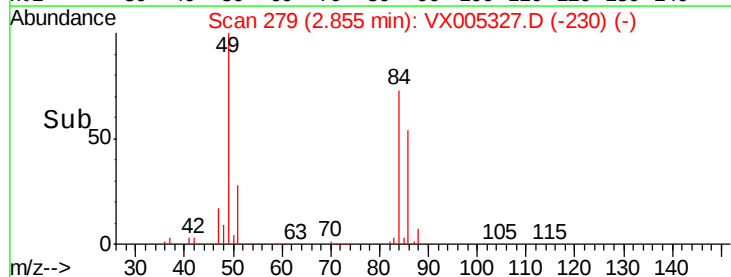
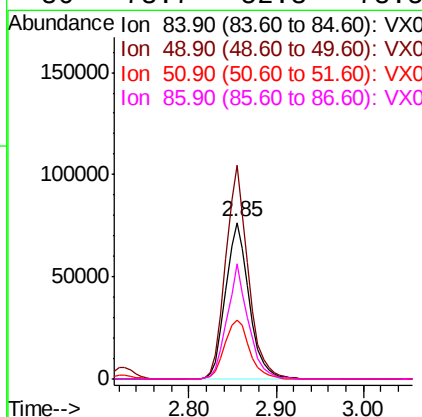
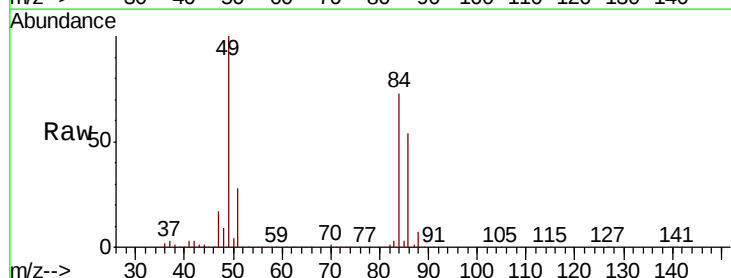
Tot Ion: 73 Resp: 442954
 Ion Ratio Lower Upper
 73 100
 57 23.4 17.1 25.7



#20

Methylene Chloride
 Concen: 59.141 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005327.D
 Acq: 13 Oct 2018 07:10

Tgt Ion: 84 Resp: 142879
 Ion Ratio Lower Upper
 84 100
 49 136.2 101.2 151.8
 51 37.7 29.5 44.3
 86 73.7 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 51.385 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

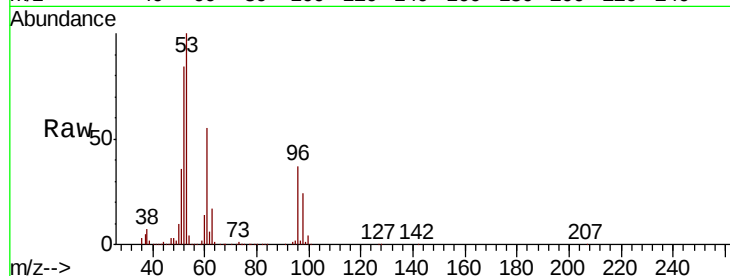
Tot Ion: 96 Resp: 129394

Ion Ratio Lower Upper

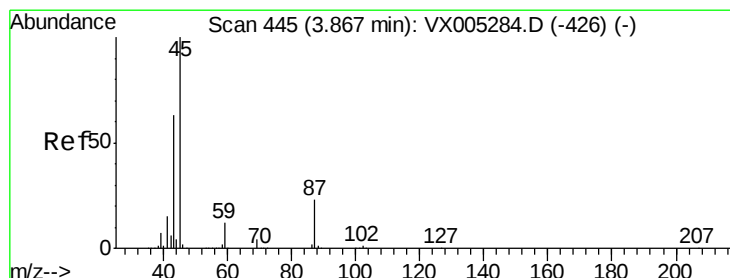
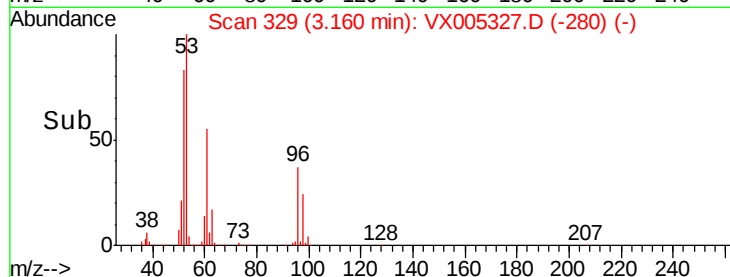
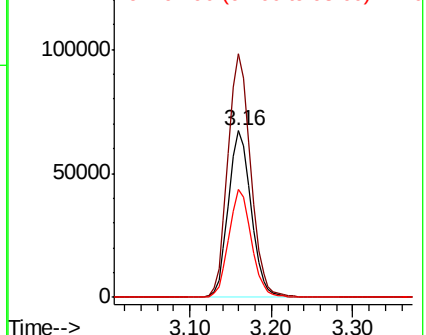
96 100

61 145.9 113.8 170.6

98 64.5 51.8 77.8



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



#22

Diisopropyl ether

Concen: 54.303 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Tgt Ion: 45 Resp: 455018

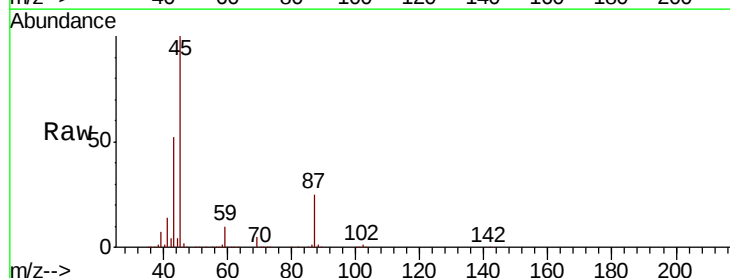
Ion Ratio Lower Upper

45 100

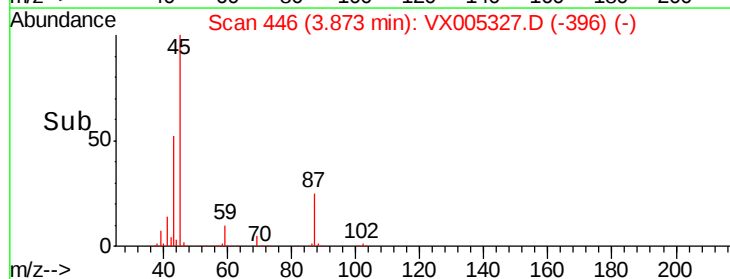
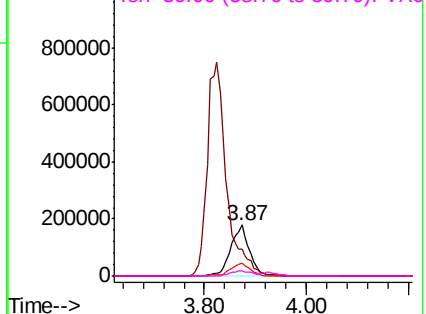
43 51.3 42.8 64.2

87 25.3 22.6 34.0

59 10.1 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 267.430 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

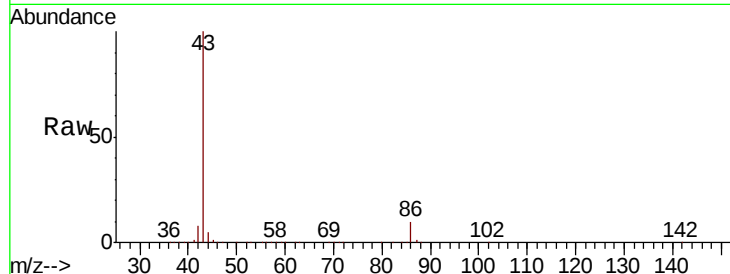
VSTDCCC050EC

Tot Ion: 43 Resp: 1958572

Ion Ratio Lower Upper

43 100

86 9.8 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

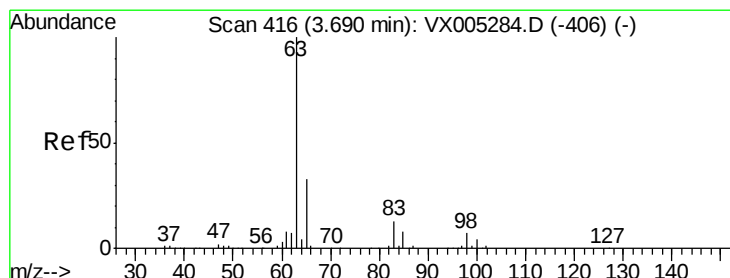
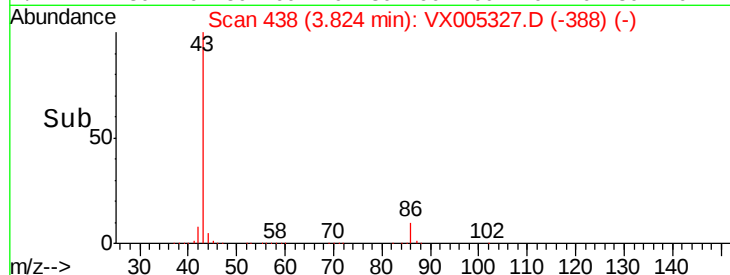
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 53.397 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

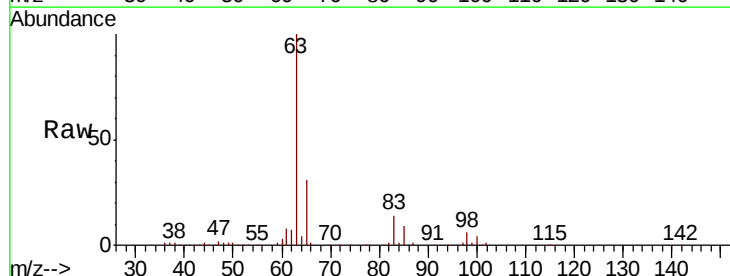
Tgt Ion: 63 Resp: 256426

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.4

100 4.1 2.4 7.1



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

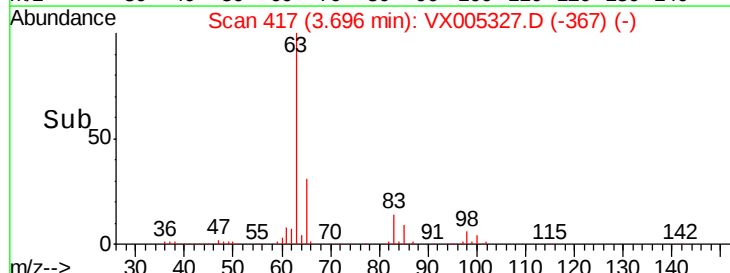
3.70

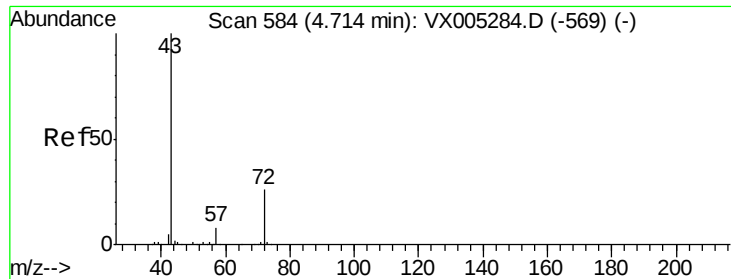
100000

50000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 261.373 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.02 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

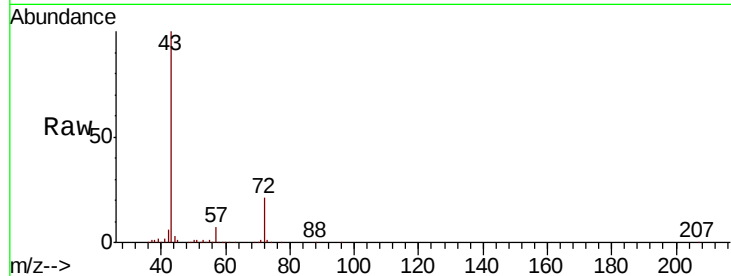
VSTDCCC050EC

Tot Ion: 43 Resp: 636650

Ion Ratio Lower Upper

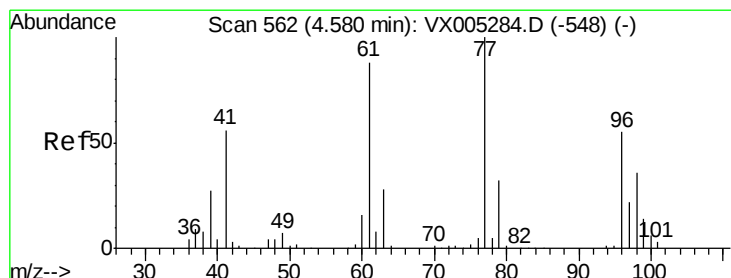
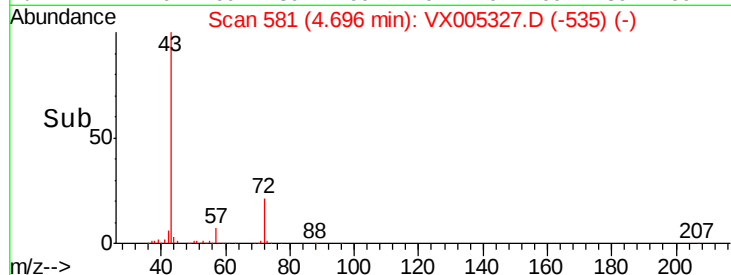
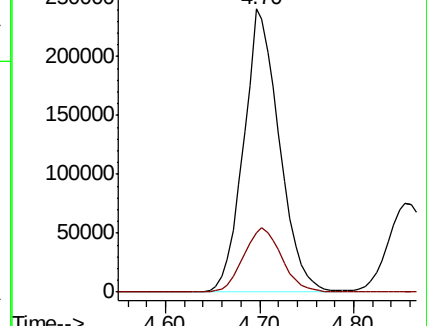
43 100

72 20.9 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 33.847 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005327.D

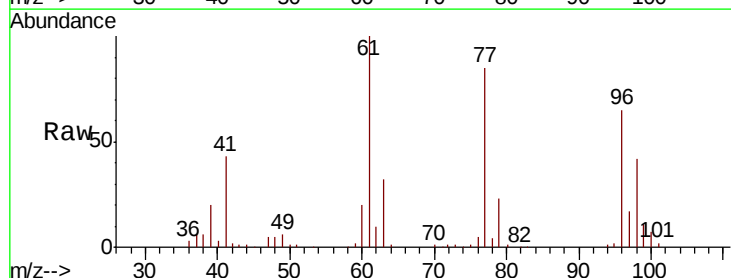
Acq: 13 Oct 2018 07:10

Tgt Ion: 77 Resp: 121563

Ion Ratio Lower Upper

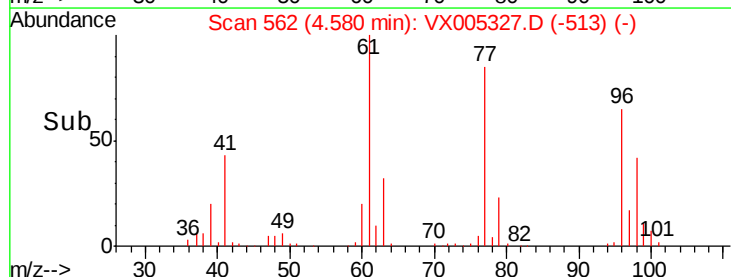
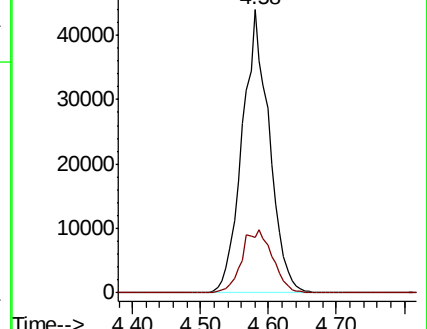
77 100

97 25.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



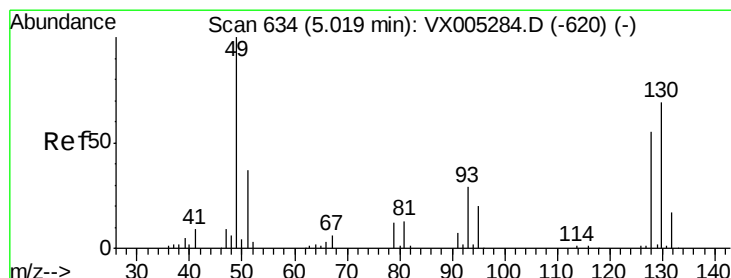
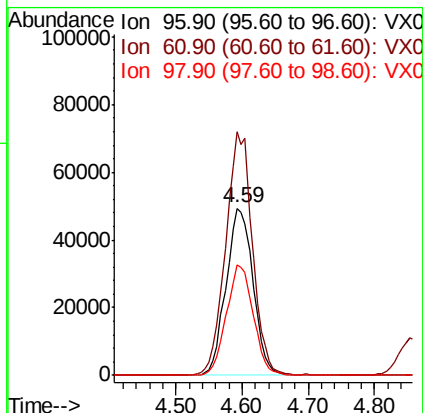
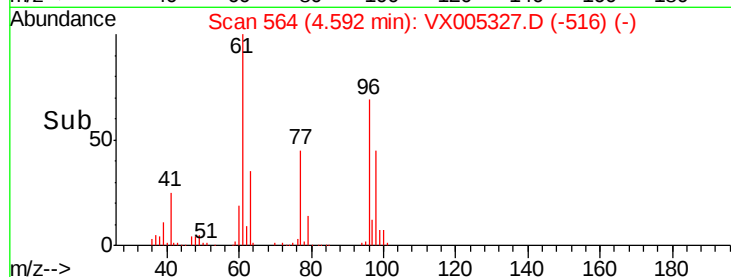
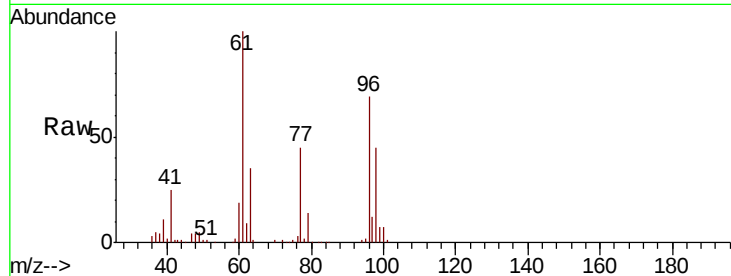


#27

cis-1,2-Dichloroethene
Concen: 50.994 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

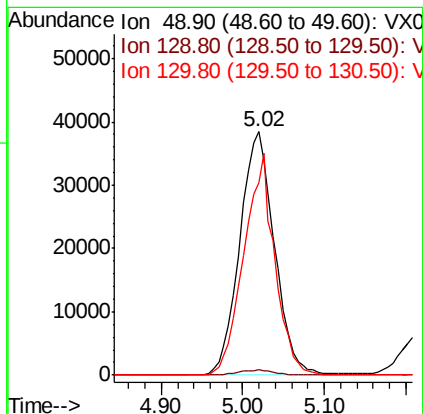
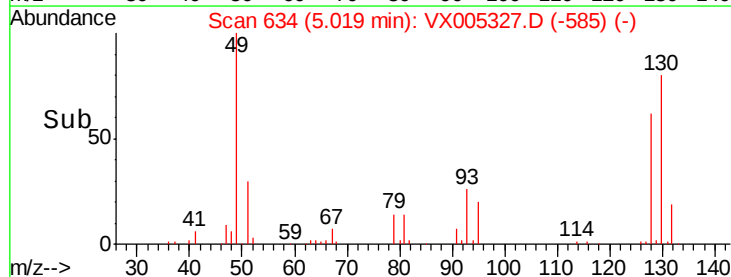
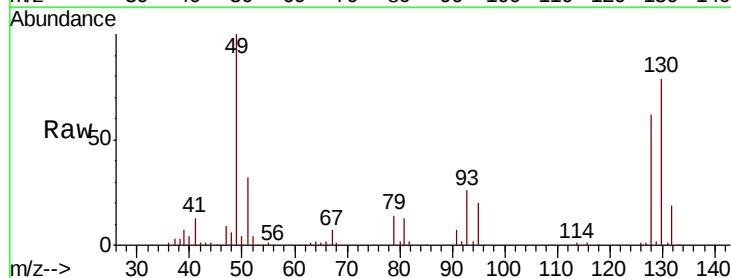
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	282.6
98	65.6	0.0	130.2

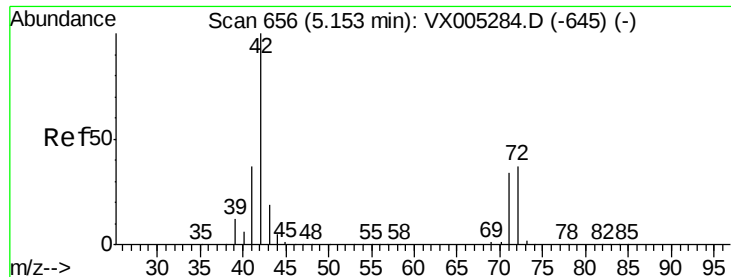


#28

Bromochloromethane
Concen: 51.802 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	81.2	67.5	101.3

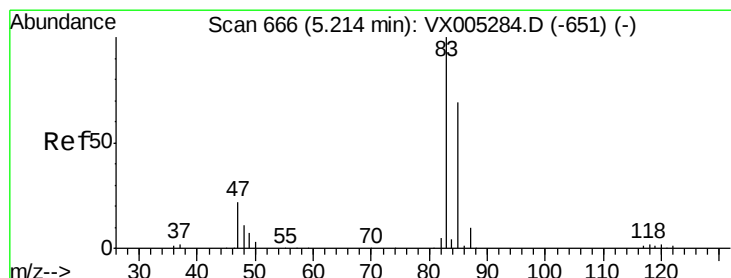
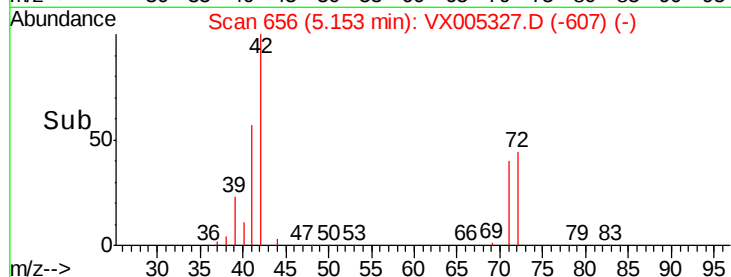
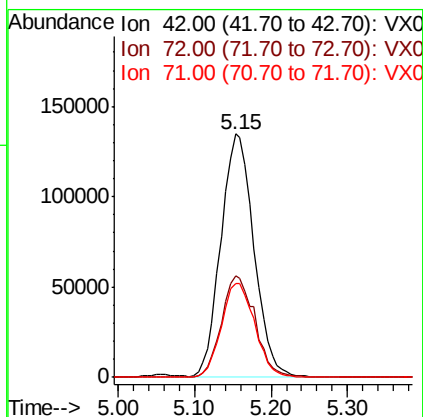
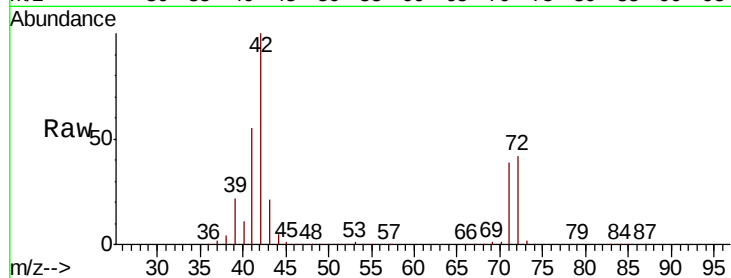




#29
Tetrahydrofuran
Concen: 259.002 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

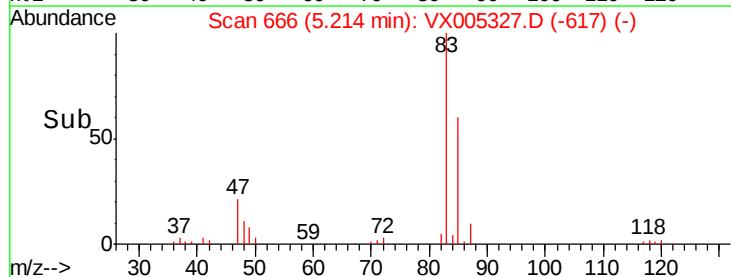
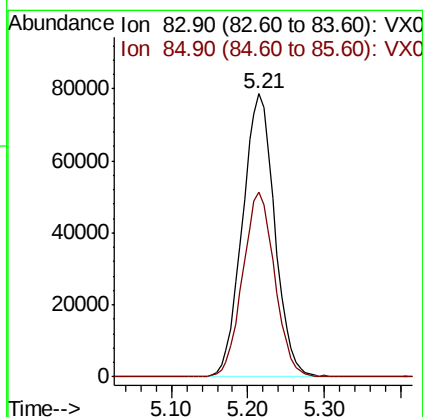
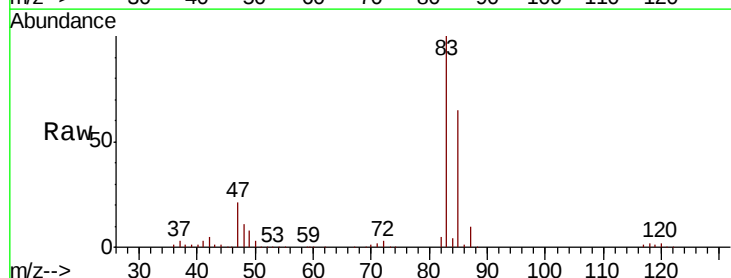
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

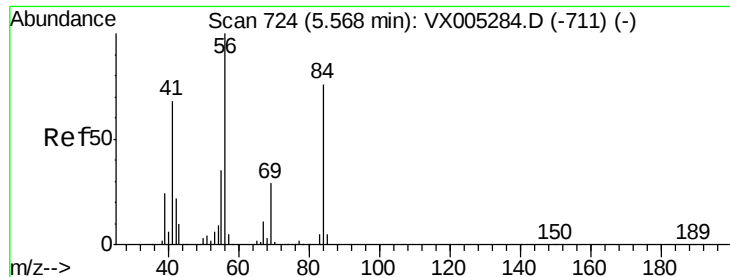
Tot Ion: 42 Resp: 402417
Ion Ratio Lower Upper
42 100
72 42.4 37.4 56.0
71 39.1 34.5 51.7



#30
Chloroform
Concen: 51.727 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

Tgt Ion: 83 Resp: 230566
Ion Ratio Lower Upper
83 100
85 65.4 52.6 79.0

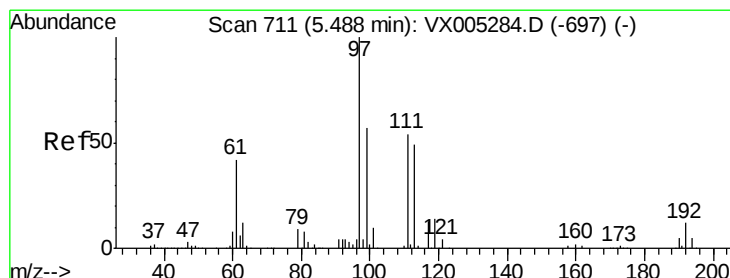
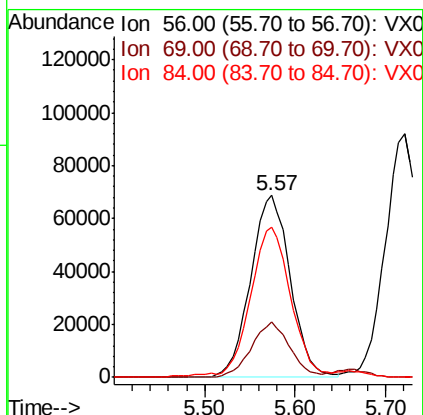
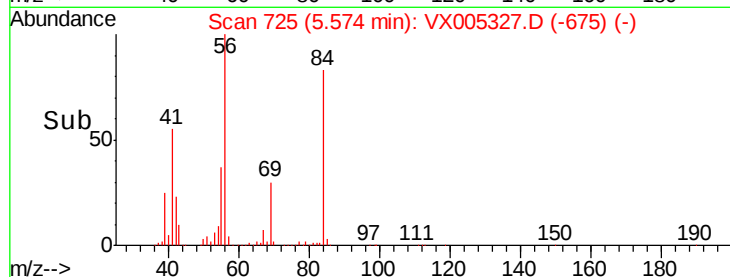
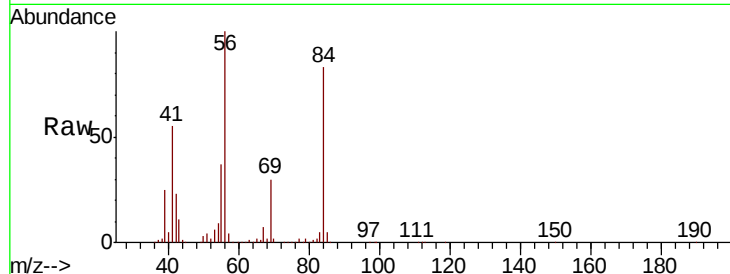




#31
Cvclohexane
Concen: 52.646 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.01 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

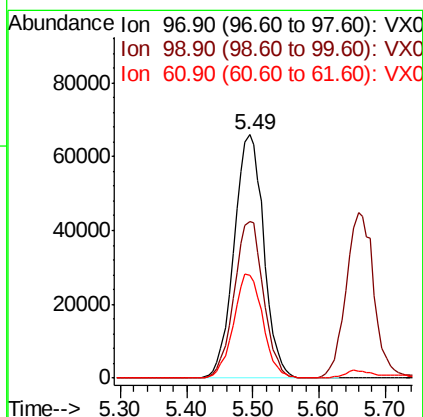
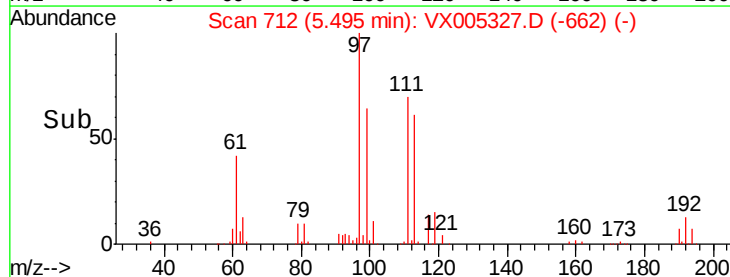
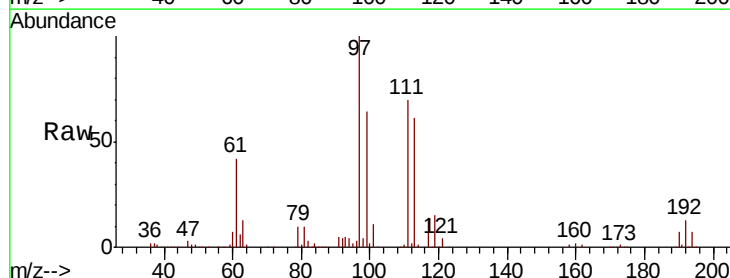
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

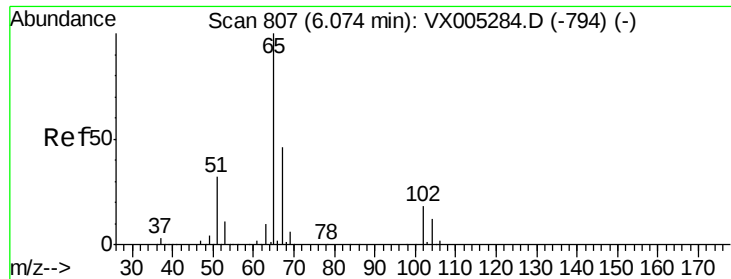
Tot Ion: 56 Resp: 208375
Ion Ratio Lower Upper
56 100
69 30.1 25.4 38.2
84 81.5 71.4 107.2



#32
1,1,1-Trichloroethane
Concen: 52.801 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

Tgt Ion: 97 Resp: 204783
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 42.4 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 50.416 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

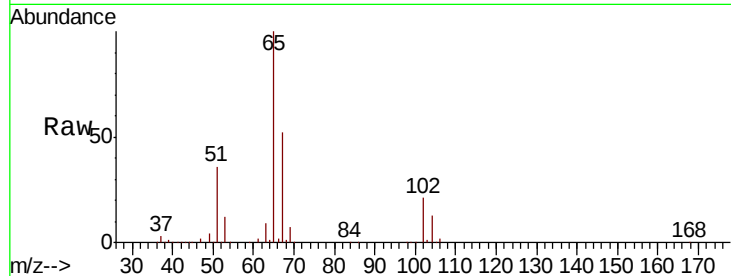
VSTDCCC050EC

Tot Ion: 65 Resp: 145165

Ion Ratio Lower Upper

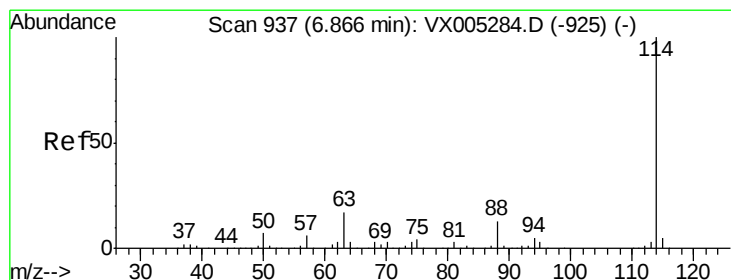
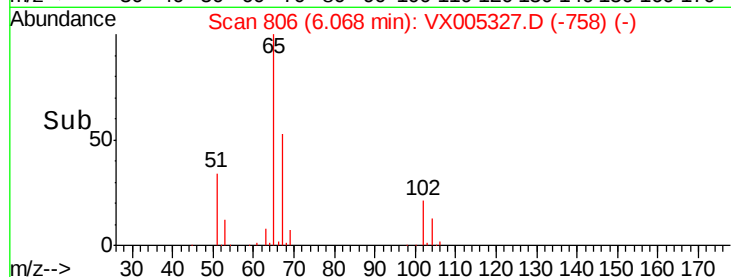
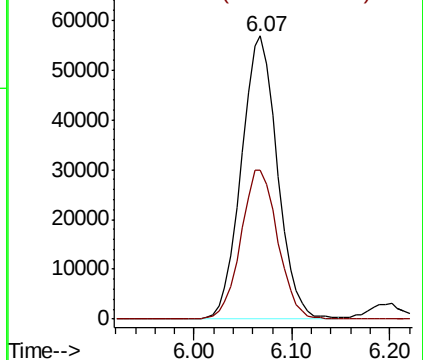
65 100

67 53.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

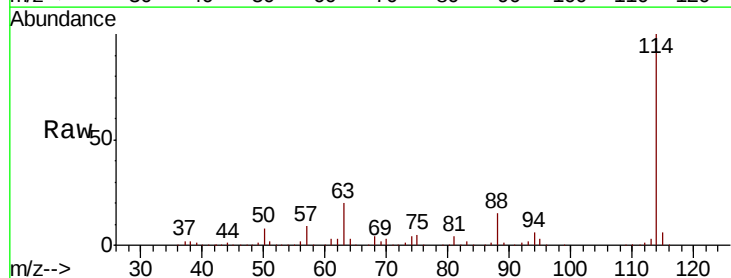
Tgt Ion: 114 Resp: 387560

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.0

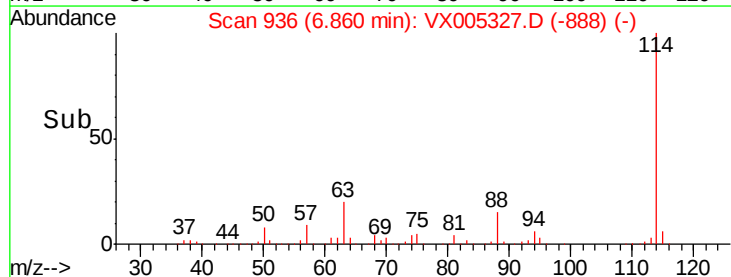
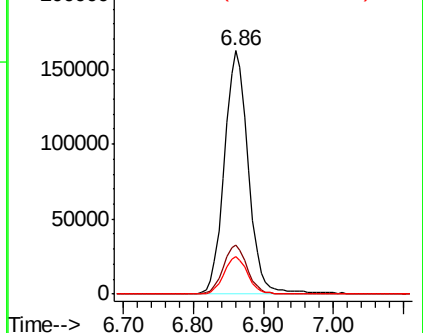
88 15.4 0.0 30.4

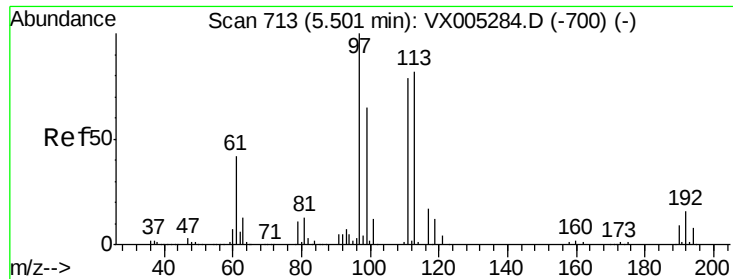


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

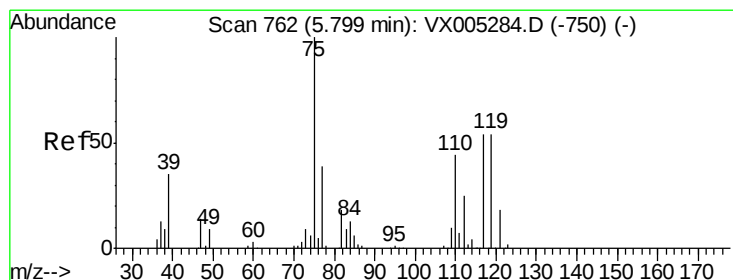
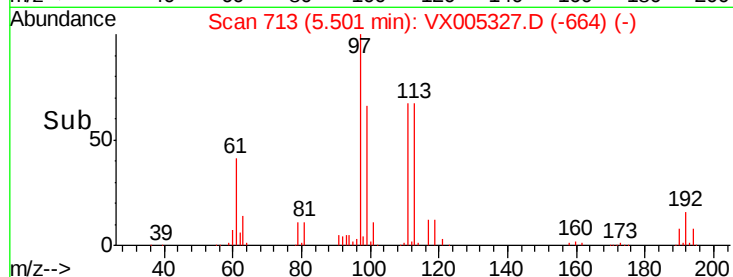
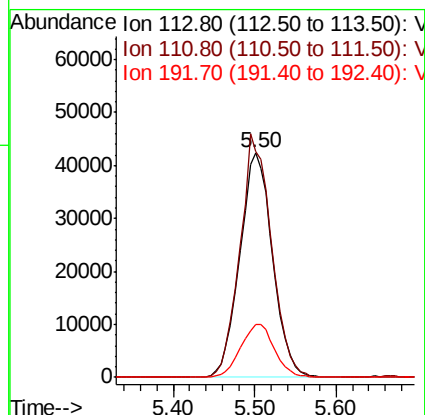
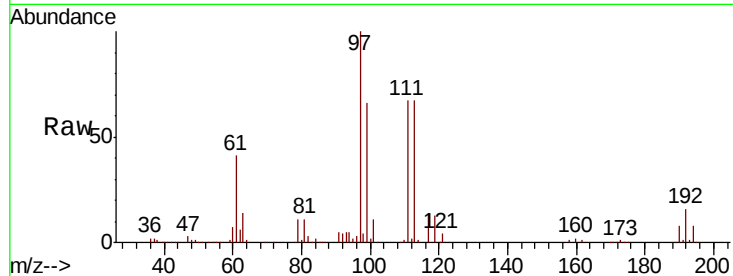




#35
 Dibromofluoromethane
 Concen: 45.945 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005327.D
 Acq: 13 Oct 2018 07:10

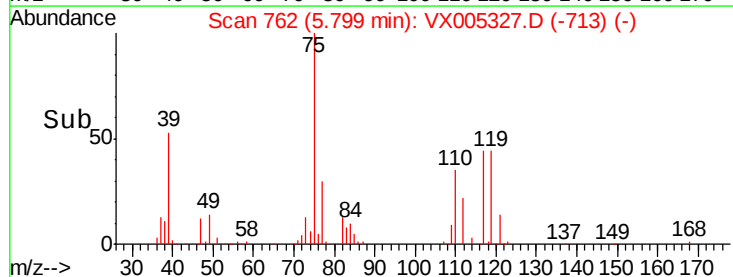
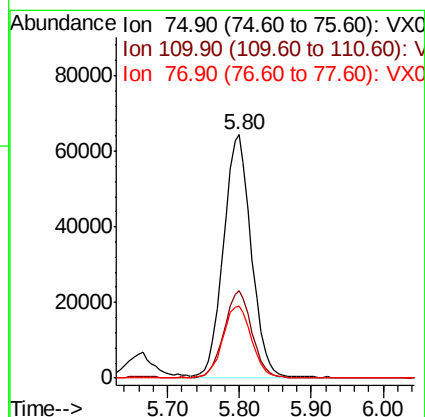
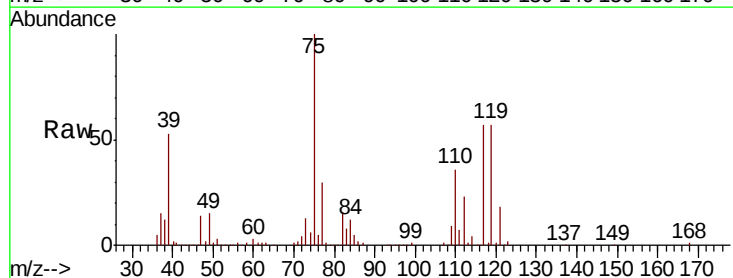
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

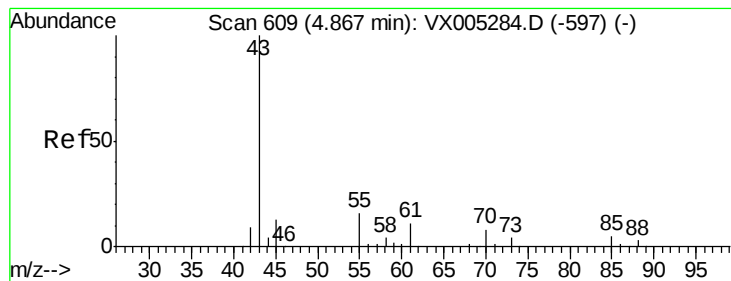
Tot Ion:113 Resp: 117937
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.4 123.6
 192 24.3 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 46.000 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX005327.D
 Acq: 13 Oct 2018 07:10

Tgt Ion: 75 Resp: 172659
 Ion Ratio Lower Upper
 75 100
 110 35.9 18.0 54.0
 77 30.4 24.6 36.8





#37

Ethyl Acetate

Concen: 46.291 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

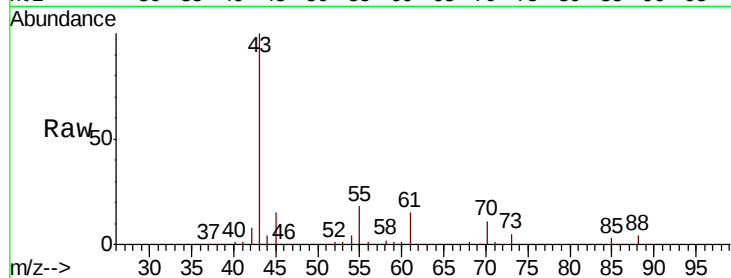
Tot Ion: 43 Resp: 223451

Ion Ratio Lower Upper

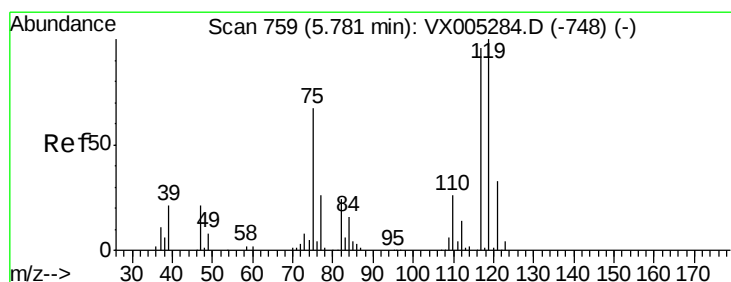
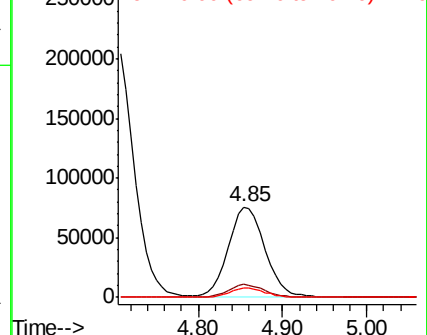
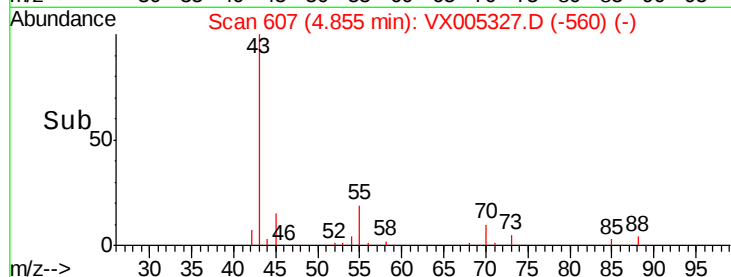
43 100

61 14.2 11.5 17.3

70 10.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX005327.D (-560) (-)



#38

Carbon Tetrachloride

Concen: 46.506 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

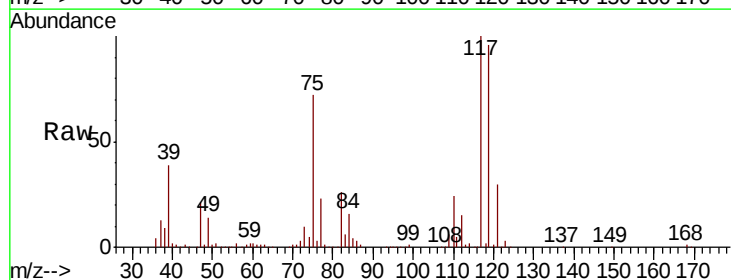
Tgt Ion: 117 Resp: 175395

Ion Ratio Lower Upper

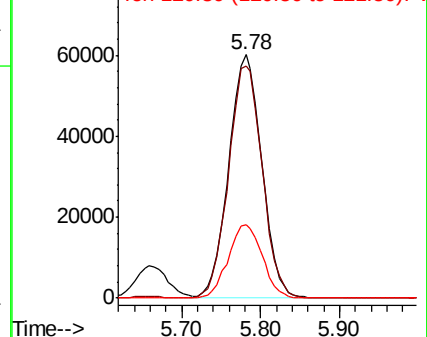
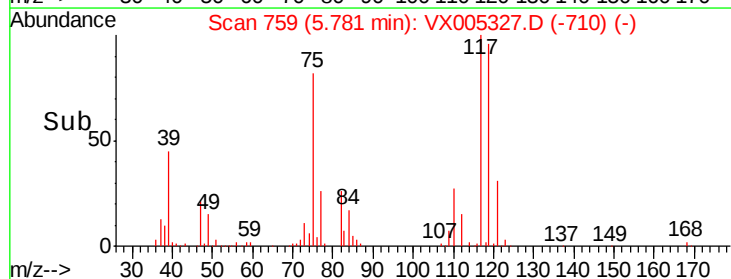
117 100

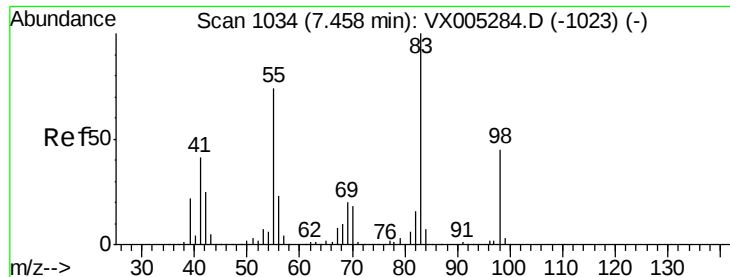
119 95.5 78.8 118.2

121 30.4 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): VX005327.D (-710) (-)

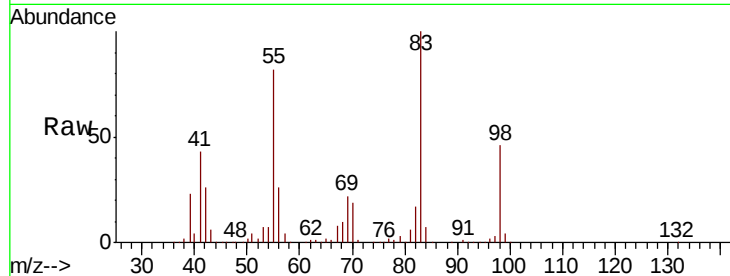




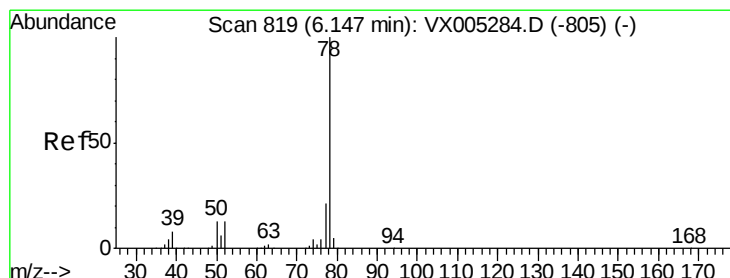
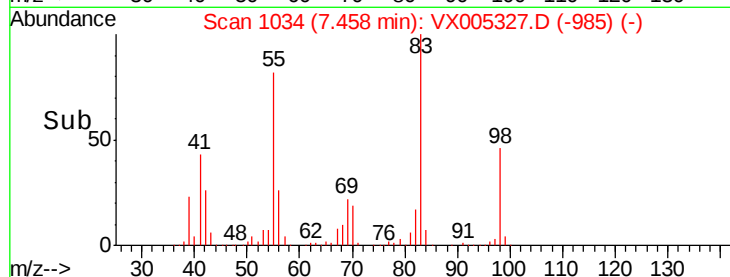
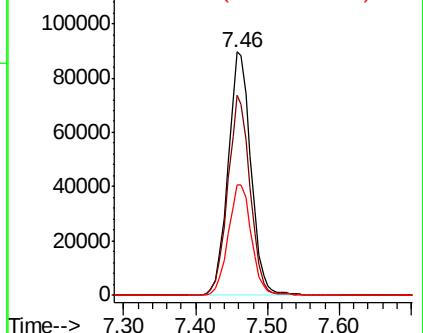
#39
Methvlcvclohexane
Concen: 48.636 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 197576
Ion Ratio Lower Upper
83 100
55 82.1 61.0 91.4
98 45.6 39.6 59.4

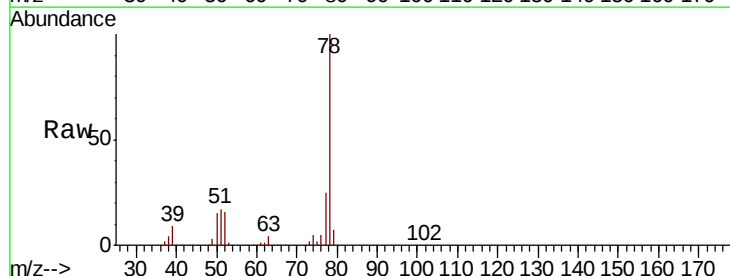


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

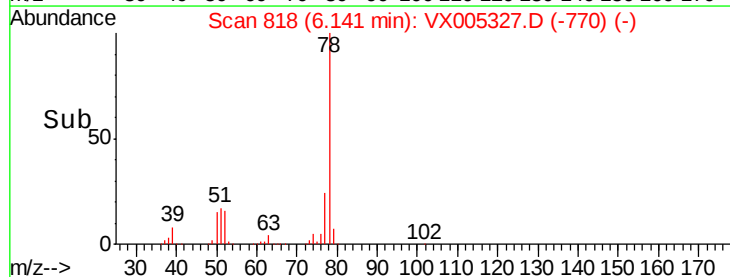
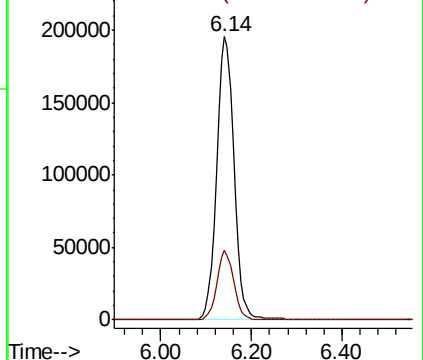


#40
Benzene
Concen: 46.414 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

Tgt Ion: 78 Resp: 522612
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4



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

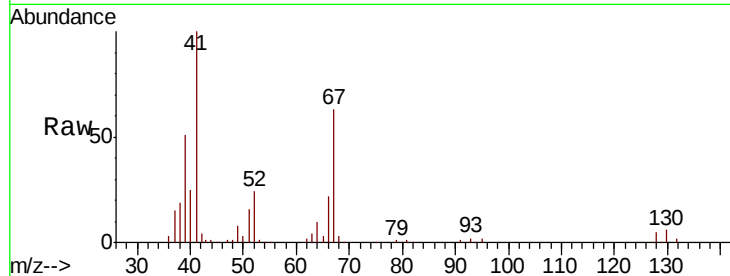




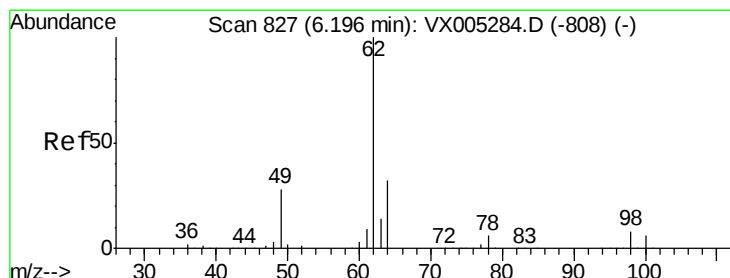
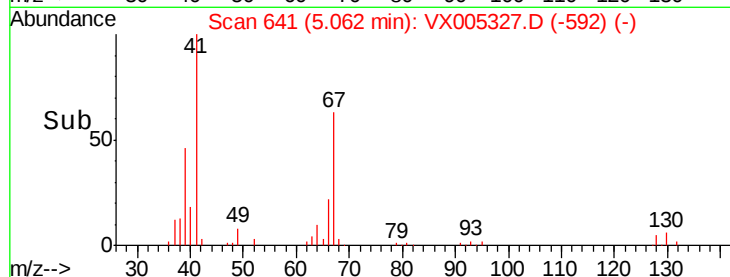
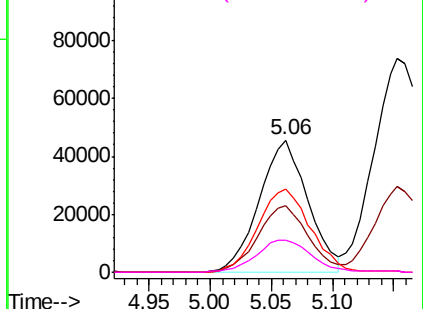
#41
Methacrylonitrile
Concen: 48.789 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	126258
Ion	Ratio	Lower	Upper
41	100		
39	52.0	42.4	63.6
67	68.5	59.2	88.8
52	27.2	23.0	34.4

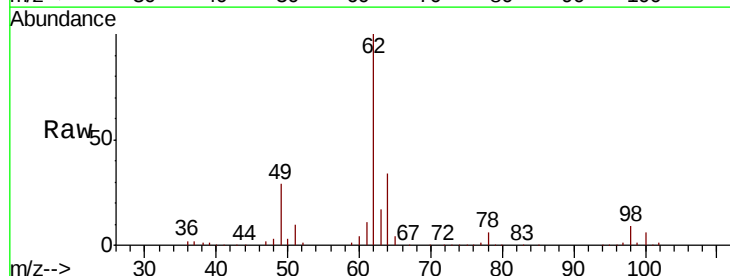


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

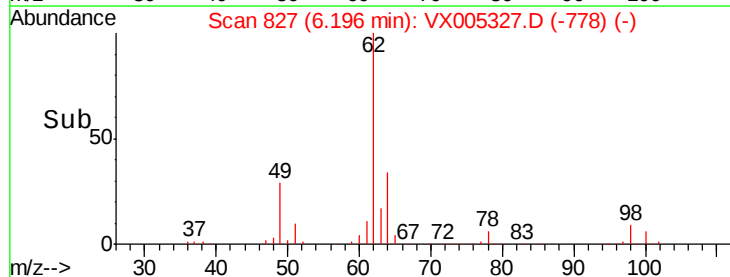
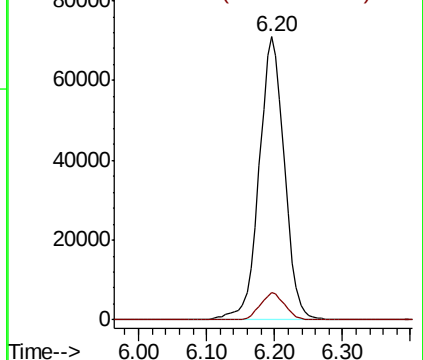


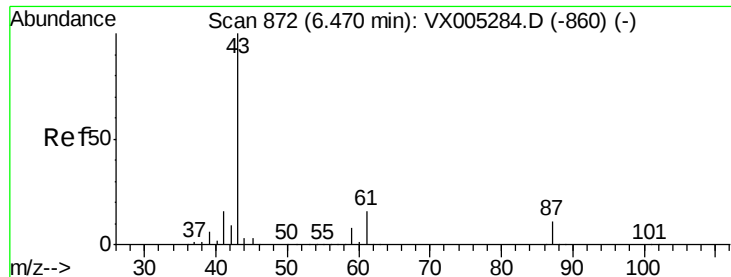
#42
1,2-Dichloroethane
Concen: 46.386 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

Tgt Ion:	62	Resp:	184421
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.6



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



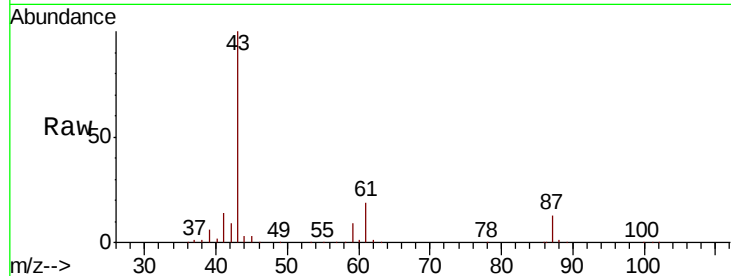


#43

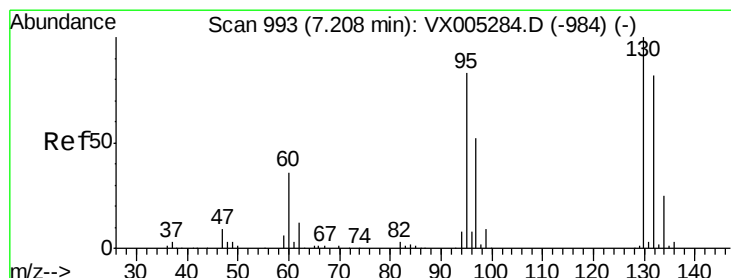
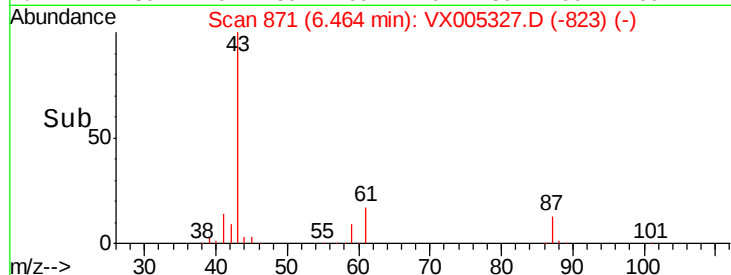
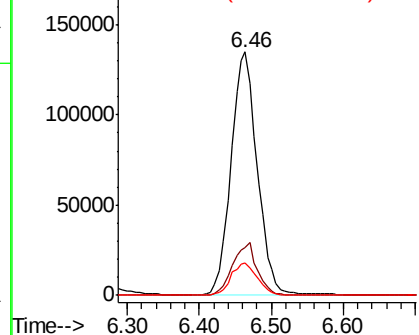
Isopropyl Acetate
 Concen: 52.927 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: VX005327.D
 Acq: 13 Oct 2018 07:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 340326
 Ion Ratio Lower Upper
 43 100
 61 20.3 17.0 25.4
 87 13.3 11.4 17.2



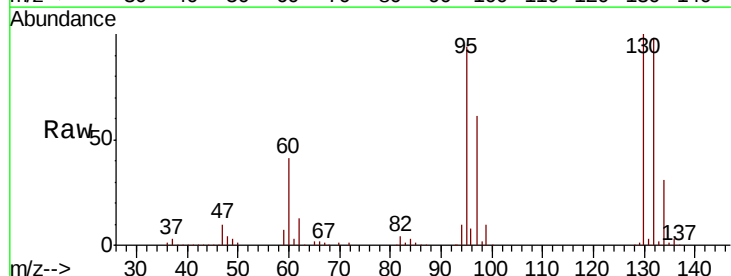
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



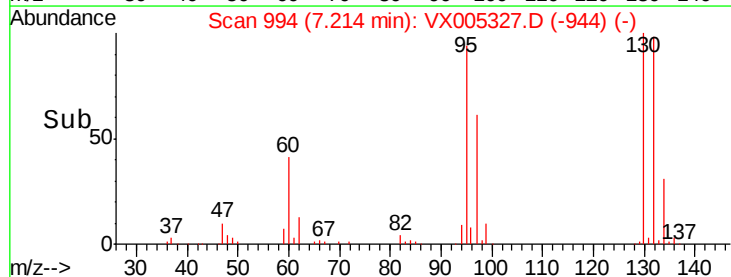
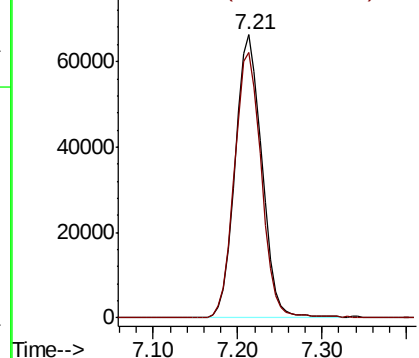
#44

Trichloroethene
 Concen: 49.616 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX005327.D
 Acq: 13 Oct 2018 07:10

Tgt Ion: 130 Resp: 142660
 Ion Ratio Lower Upper
 130 100
 95 93.8 0.0 181.6



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

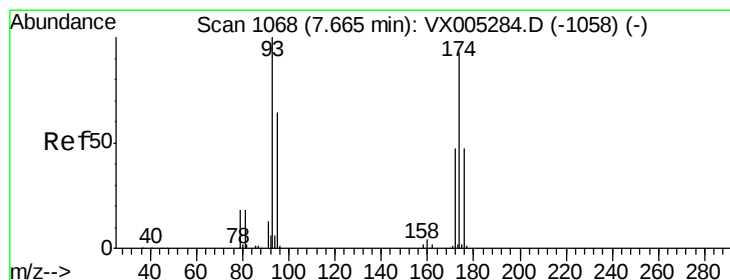
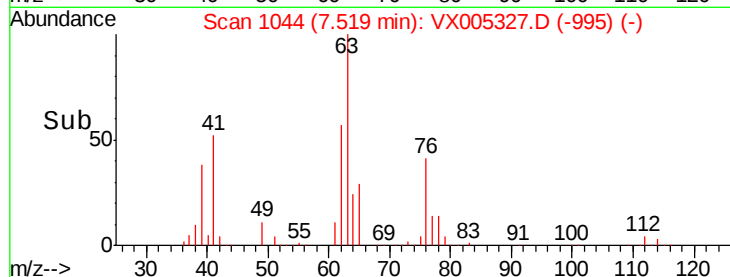
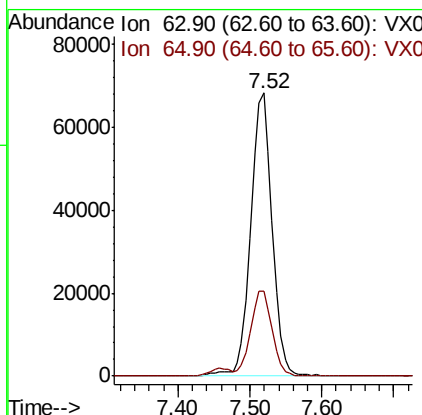
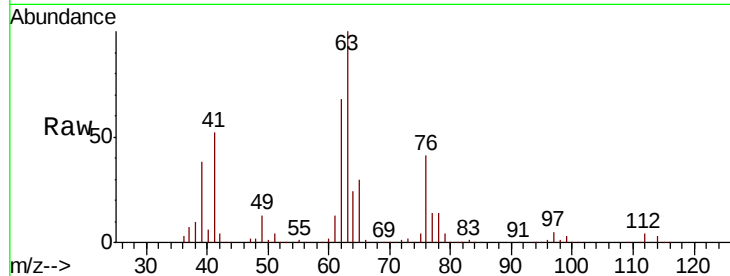




#45
 1,2-Dichloropropane
 Concen: 51.157 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005327.D
 Acq: 13 Oct 2018 07:10

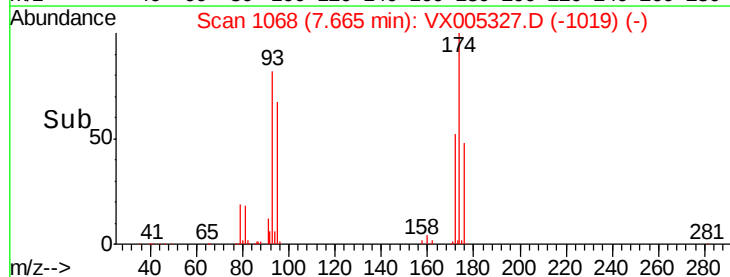
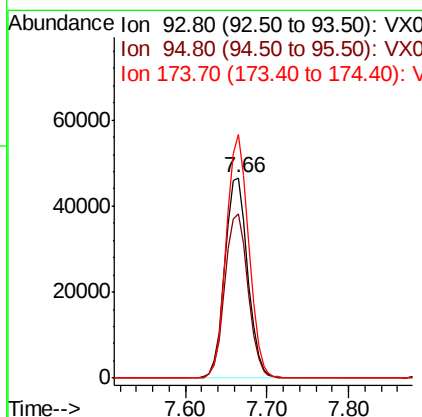
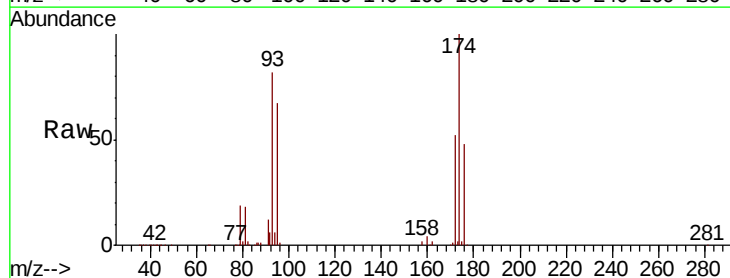
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

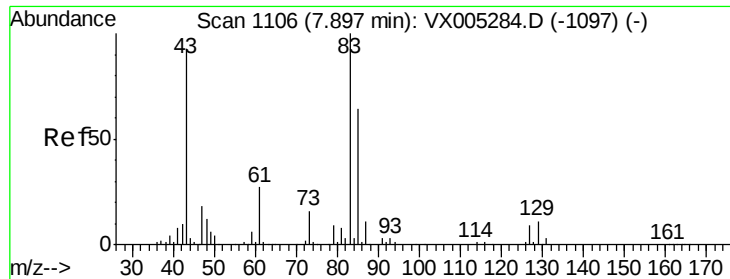
Tot Ion: 63 Resp: 141295
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.3 36.5



#46
 Dibromomethane
 Concen: 49.359 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005327.D
 Acq: 13 Oct 2018 07:10

Tgt Ion: 93 Resp: 89978
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.5 98.3
 174 119.0 94.2 141.4





#47

Bromodichloromethane

Concen: 50.597 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

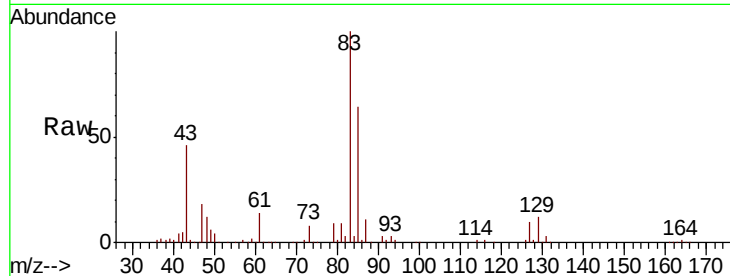
Tot Ion: 83 Resp: 170608

Ion Ratio Lower Upper

83 100

85 64.2 50.9 76.3

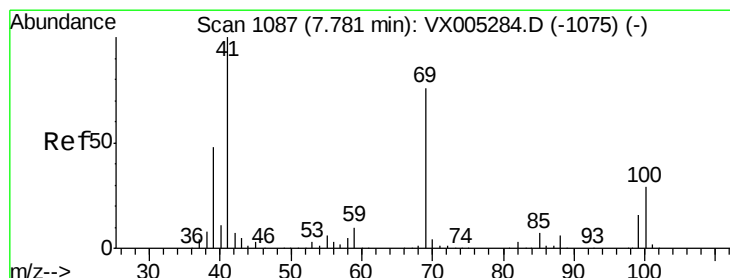
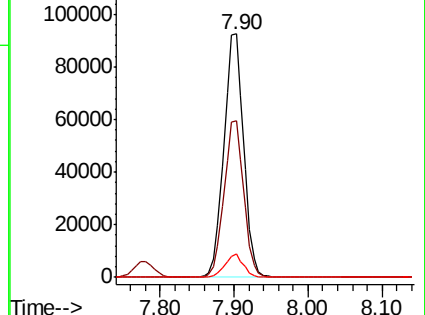
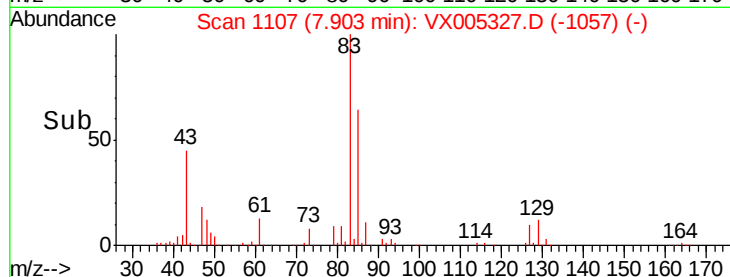
127 9.6 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.584 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

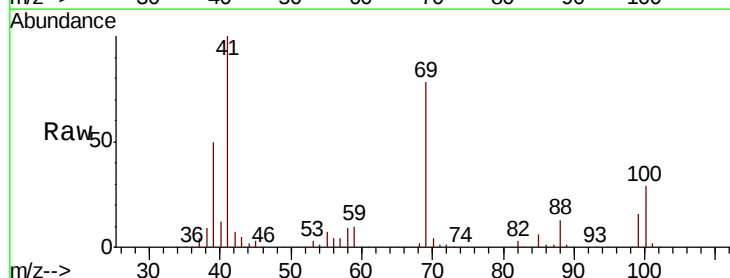
Tgt Ion: 41 Resp: 175368

Ion Ratio Lower Upper

41 100

69 81.7 70.2 105.4

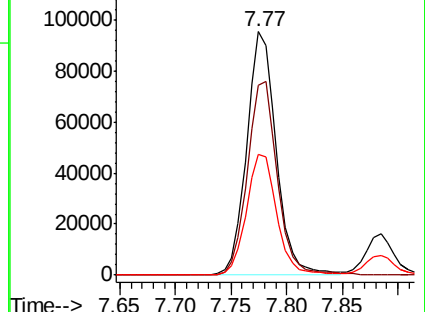
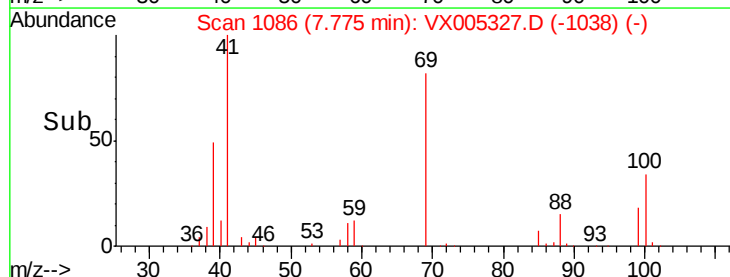
39 51.0 42.7 64.1

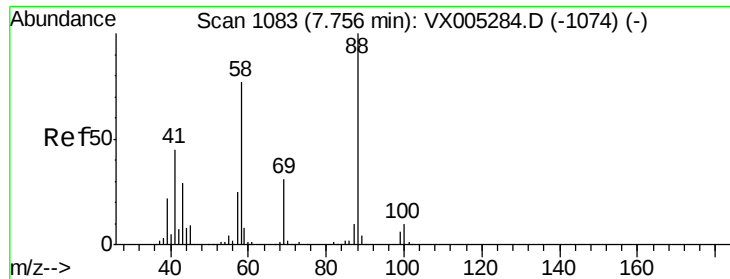


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

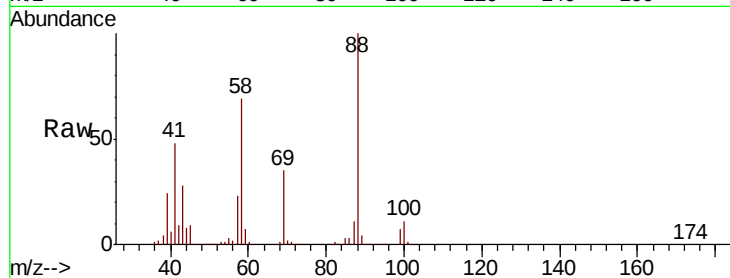




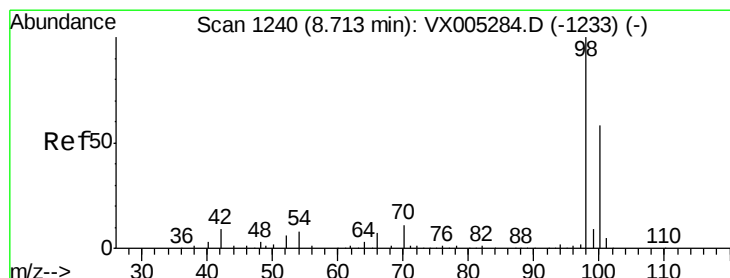
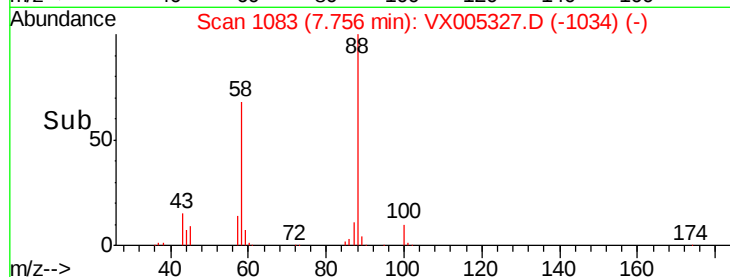
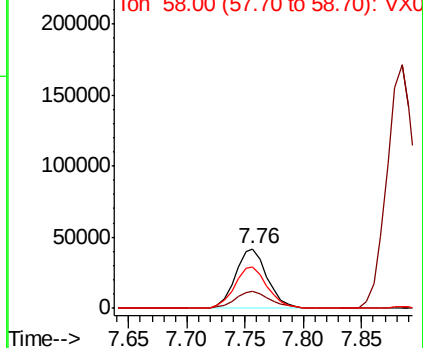
#49
1,4-Dioxane
Concen: 1032.410 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 79414
Ion Ratio Lower Upper
88 100
43 32.2 24.7 37.1
58 71.7 55.3 82.9

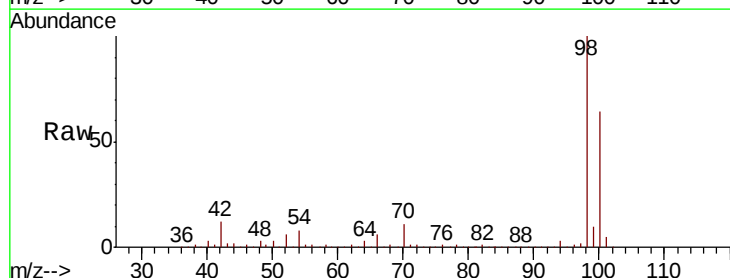


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

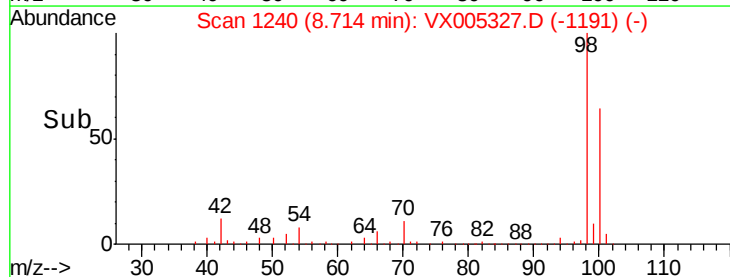
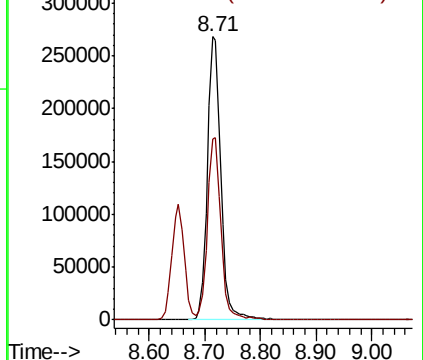


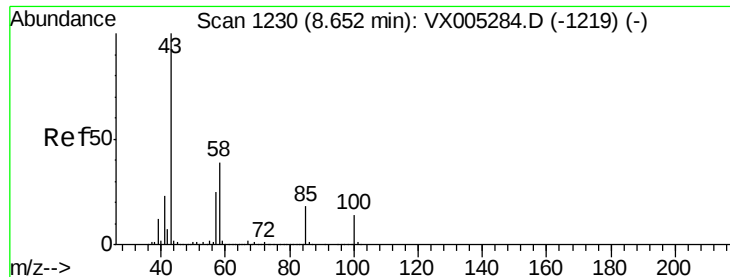
#50
Toluene-d8
Concen: 52.084 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

Tgt Ion: 98 Resp: 458983
Ion Ratio Lower Upper
98 100
100 64.2 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 268.920 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

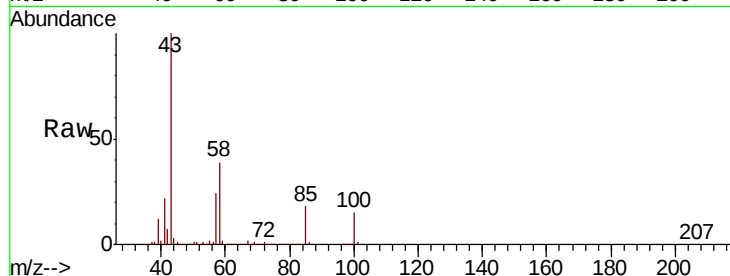
VSTDCCC050EC

Tot Ion: 43 Resp: 1197317

Ion Ratio Lower Upper

43 100

58 39.1 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

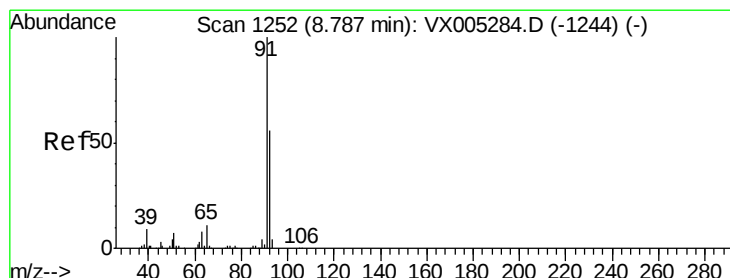
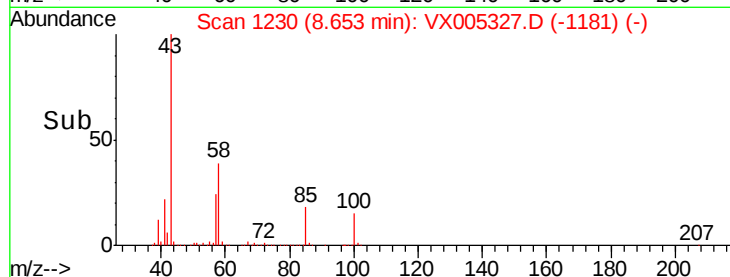
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 54.208 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005327.D

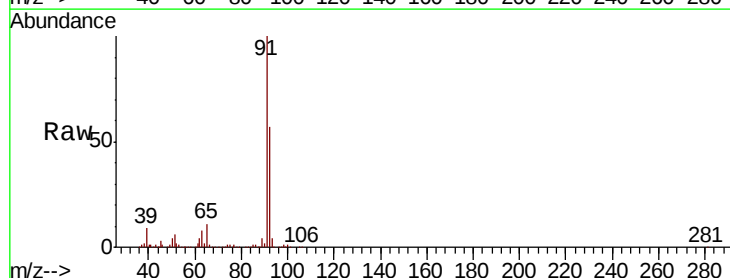
Acq: 13 Oct 2018 07:10

Tgt Ion: 92 Resp: 333923

Ion Ratio Lower Upper

92 100

91 173.9 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

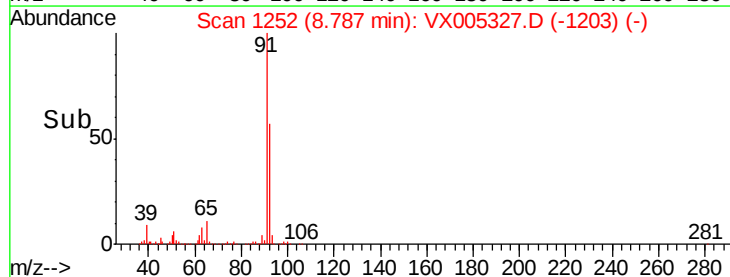
300000

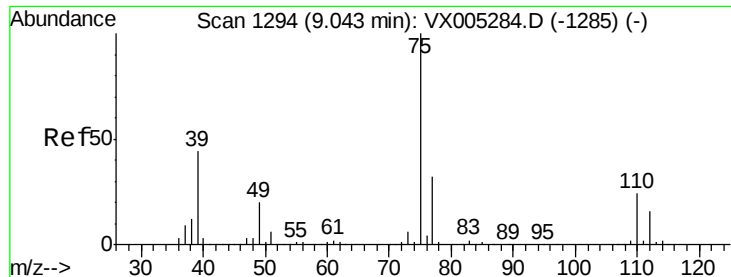
200000

100000

0

Time-->

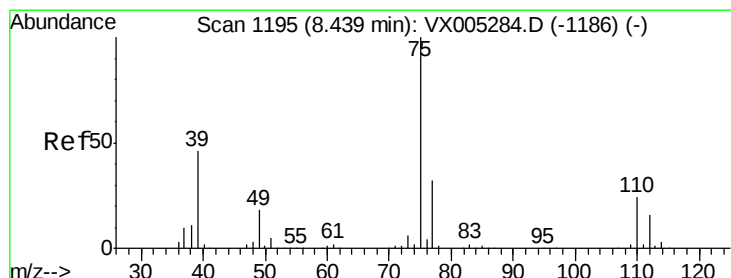
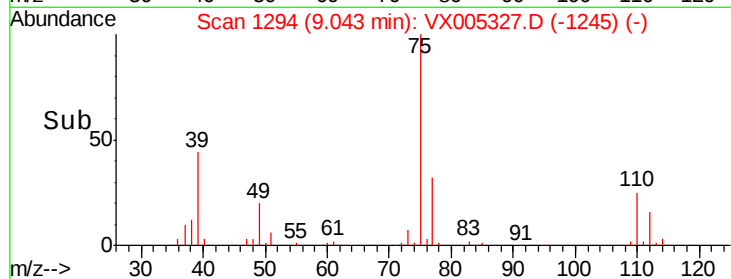
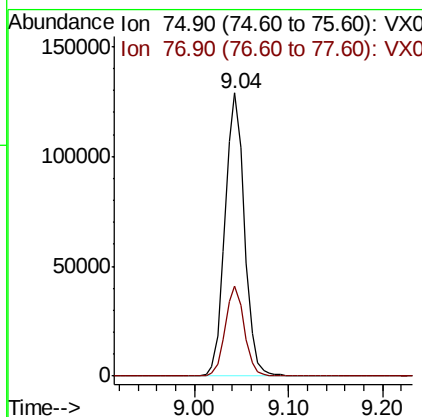
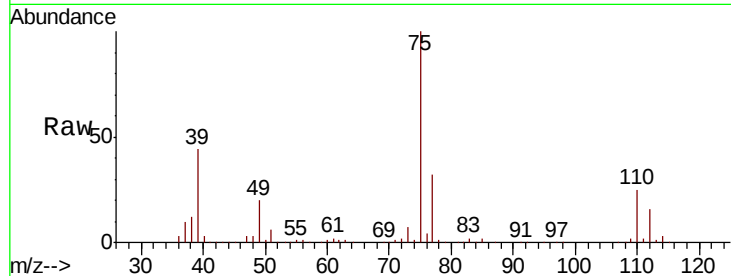




#53
 t-1,3-Dichloropropene
 Concen: 50.455 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX005327.D
 Acq: 13 Oct 2018 07:10

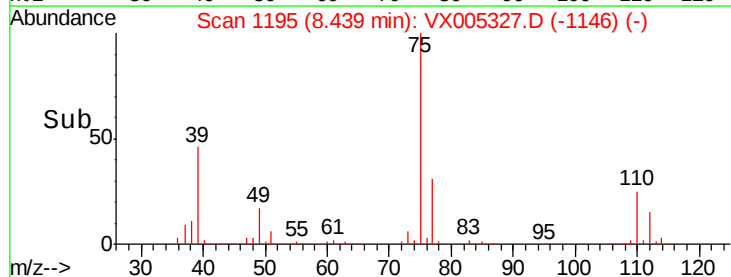
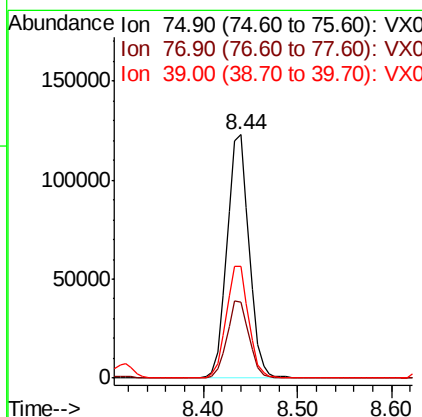
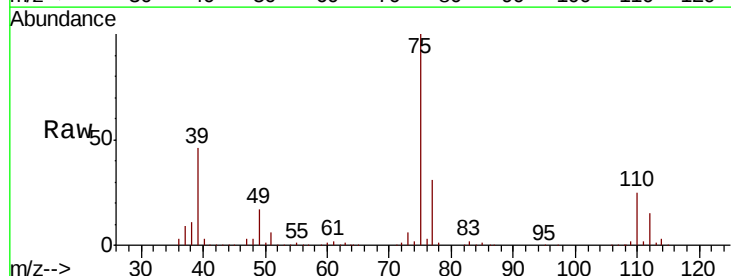
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

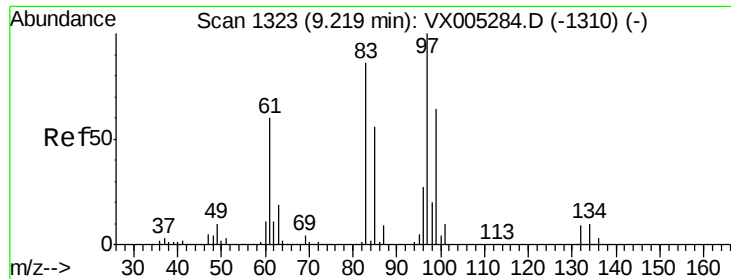
Tot Ion: 75 Resp: 184115
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 50.556 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX005327.D
 Acq: 13 Oct 2018 07:10

Tgt Ion: 75 Resp: 199895
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.2 39.2
 39 45.9 36.4 54.6



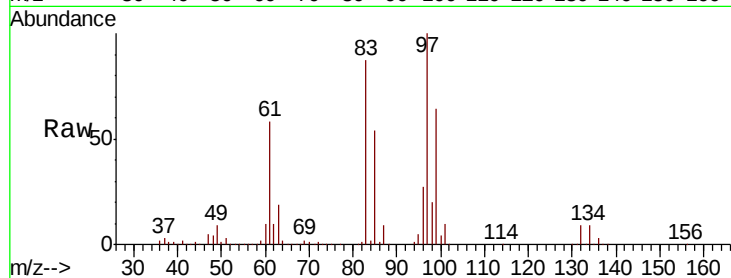


#55
 1,1,2-Trichloroethane
 Concen: 52.486 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005327.D
 Acq: 13 Oct 2018 07:10

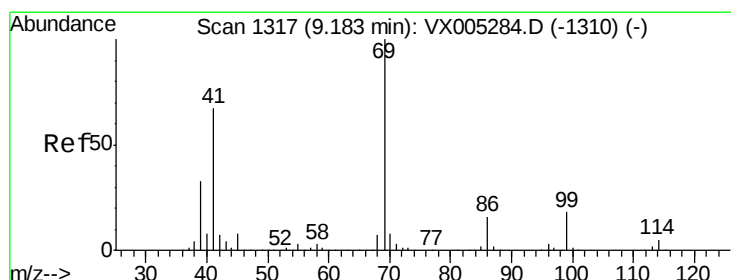
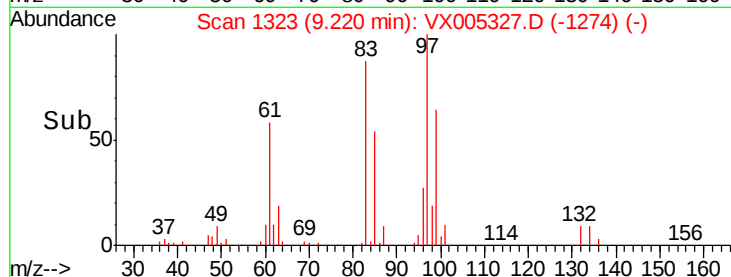
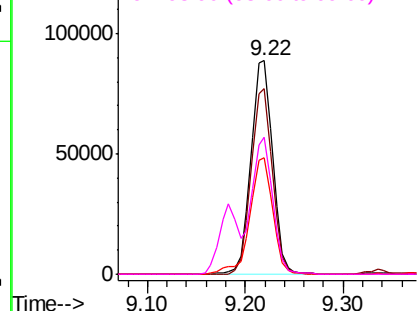
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 136943

Ion	Ratio	Lower	Upper
97	100		
83	87.2	66.4	99.6
85	54.4	43.3	64.9
99	64.0	49.0	73.4



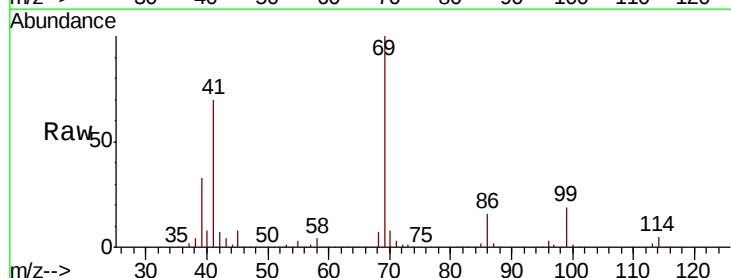
Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



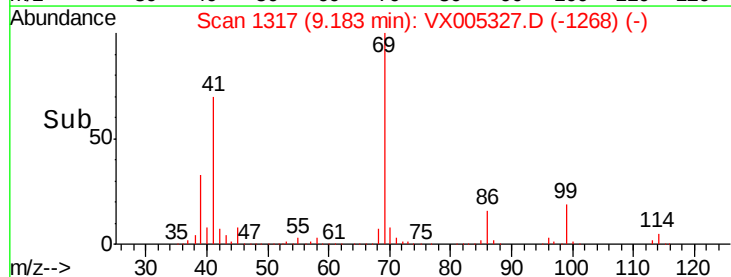
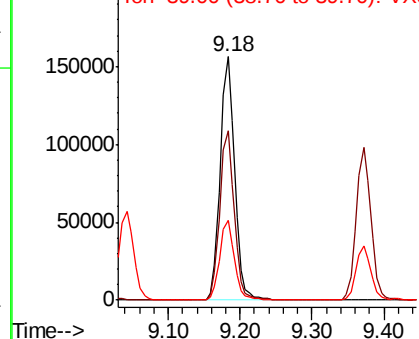
#56
 Ethyl methacrylate
 Concen: 57.033 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005327.D
 Acq: 13 Oct 2018 07:10

Tgt Ion: 69 Resp: 216931

Ion	Ratio	Lower	Upper
69	100		
41	69.4	51.0	76.4
39	33.0	26.1	39.1



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





#57

1,3-Dichloropropane

Concen: 52.681 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

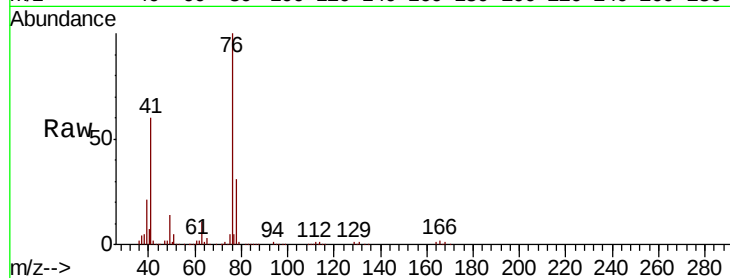
VSTDCCC050EC

Tot Ion: 76 Resp: 229420

Ion Ratio Lower Upper

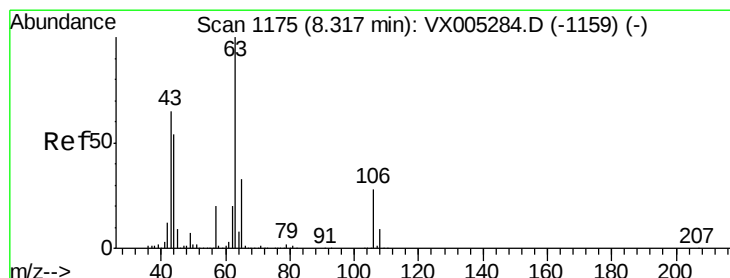
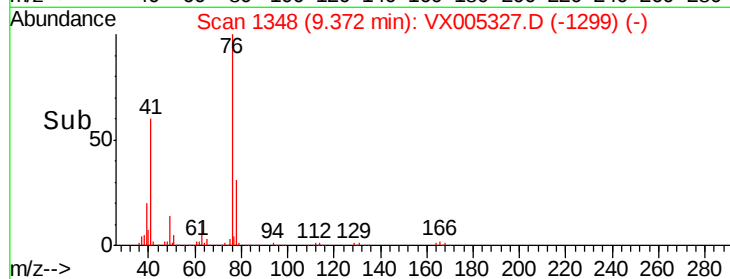
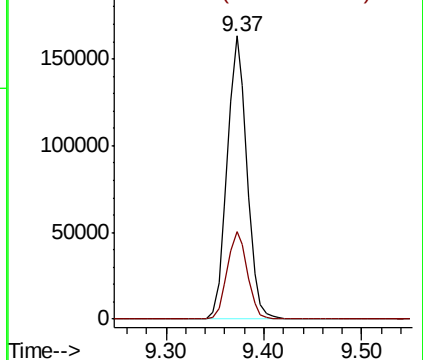
76 100

78 31.6 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 278.410 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX005327.D

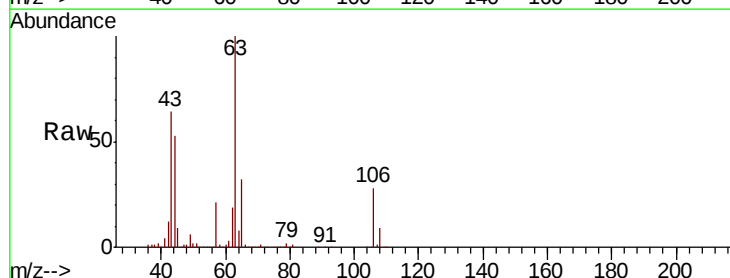
Acq: 13 Oct 2018 07:10

Tgt Ion: 63 Resp: 593887

Ion Ratio Lower Upper

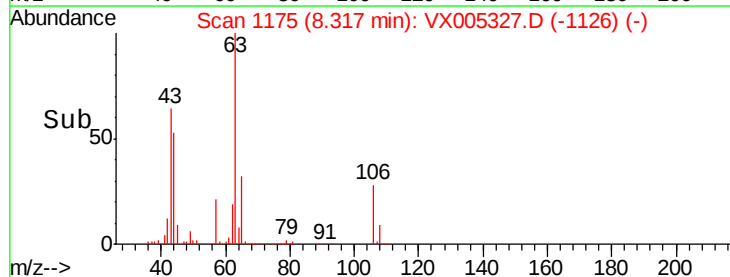
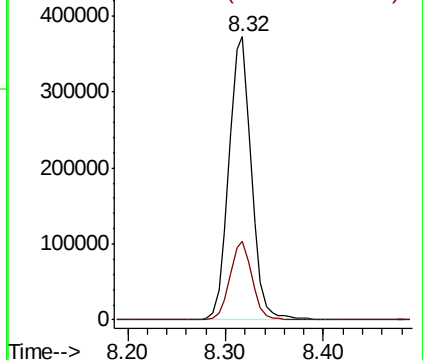
63 100

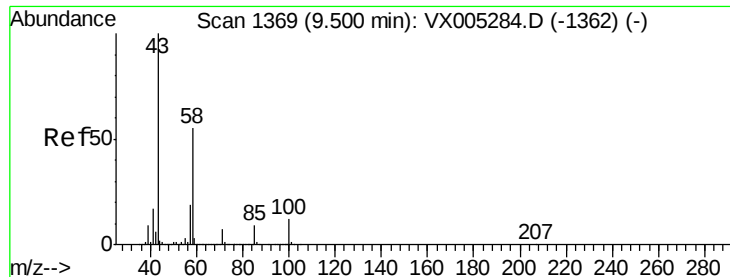
106 27.6 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

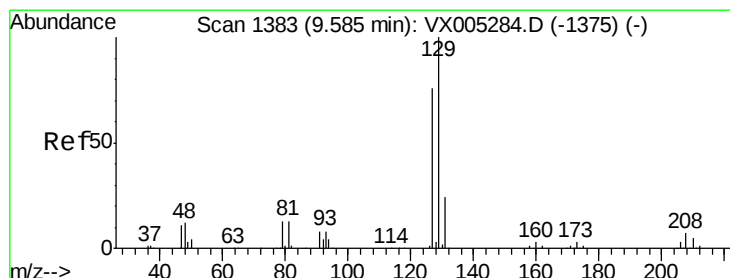
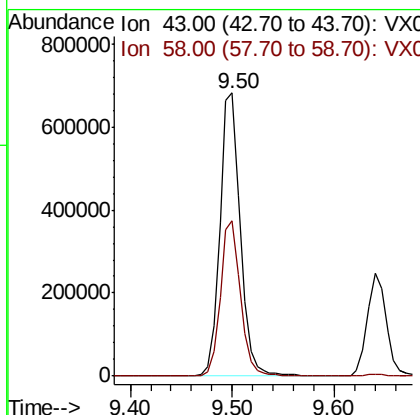
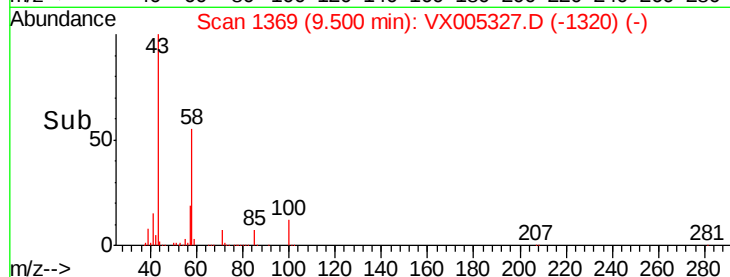
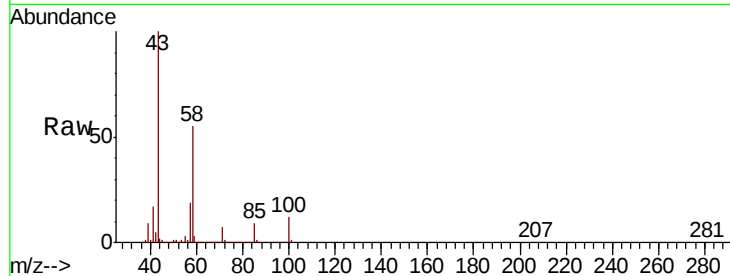




#59
2-Hexanone
Concen: 266.888 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

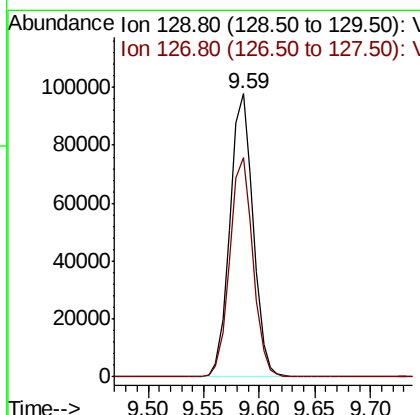
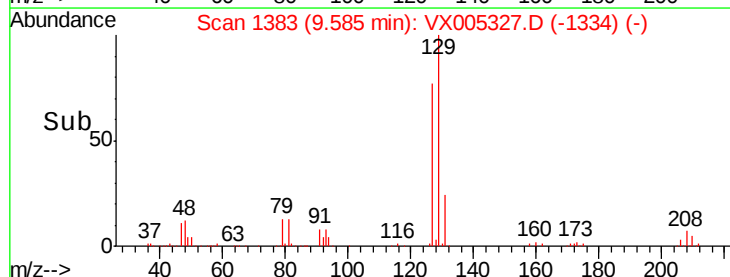
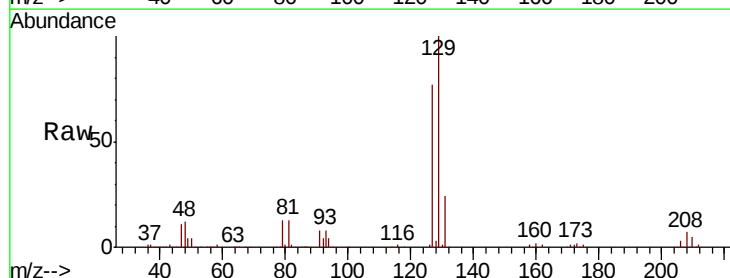
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

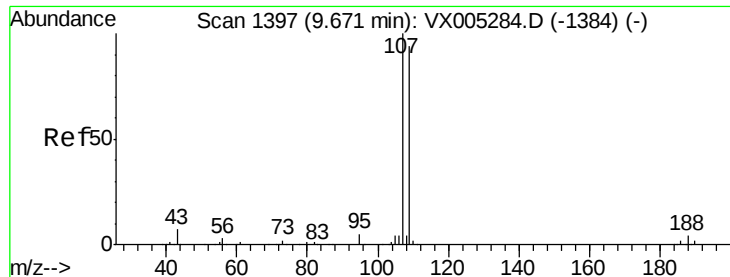
Tot Ion: 43 Resp: 955851
Ion Ratio Lower Upper
43 100
58 53.9 29.0 87.0



#60
Dibromochloromethane
Concen: 52.200 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

Tgt Ion: 129 Resp: 140783
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.859 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

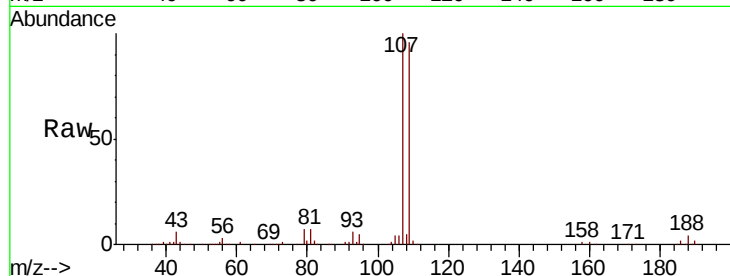
VSTDCCC050EC

Tot Ion:107 Resp: 142000

Ion Ratio Lower Upper

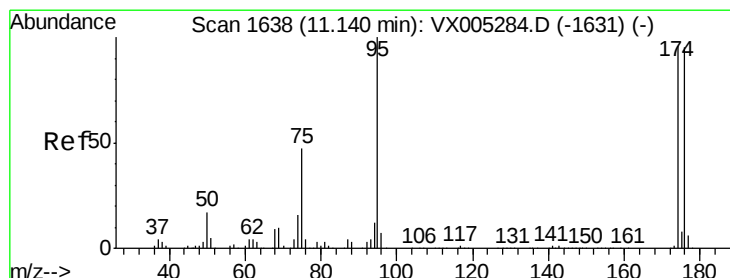
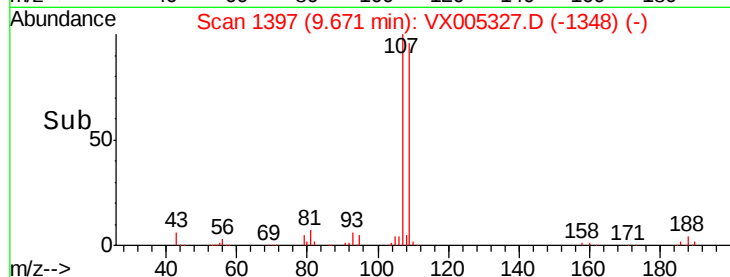
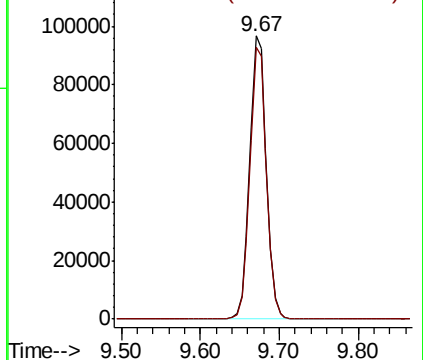
107 100

109 95.7 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.609 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

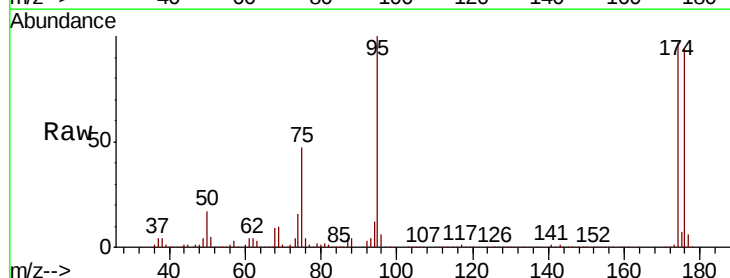
Tgt Ion: 95 Resp: 174162

Ion Ratio Lower Upper

95 100

174 93.2 0.0 185.2

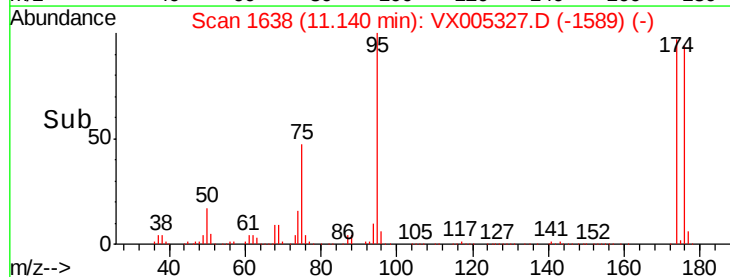
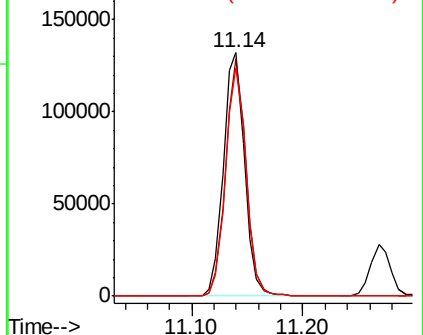
176 90.7 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

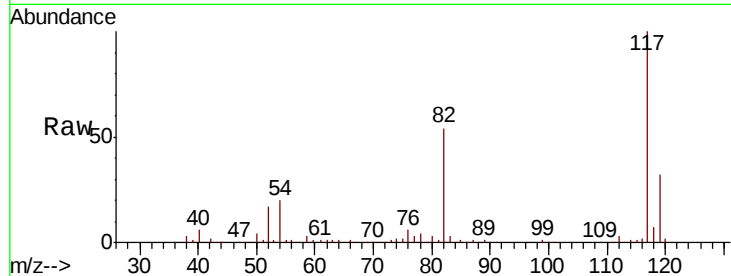




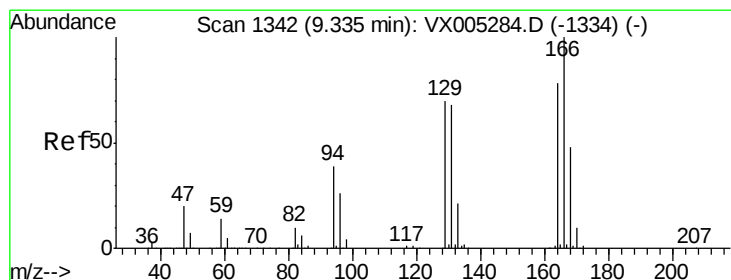
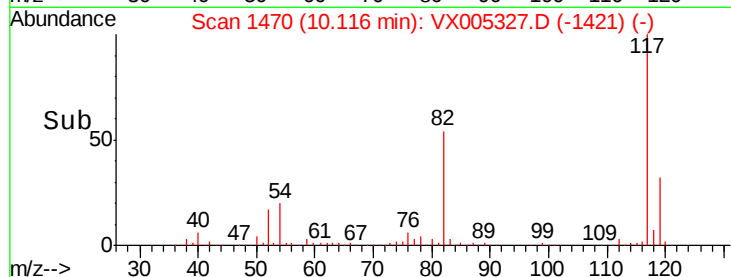
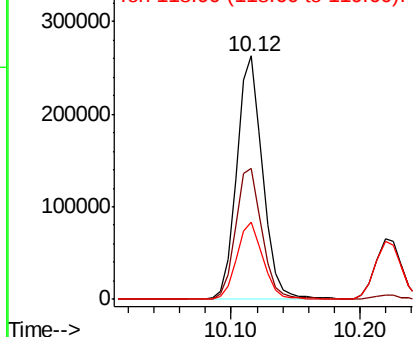
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 366579
Ion Ratio Lower Upper
117 100
82 53.9 47.8 71.6
119 31.8 29.3 43.9

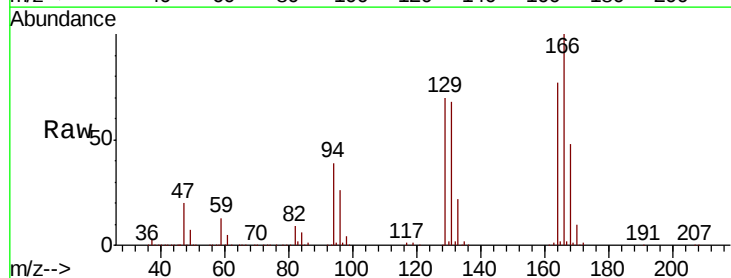


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

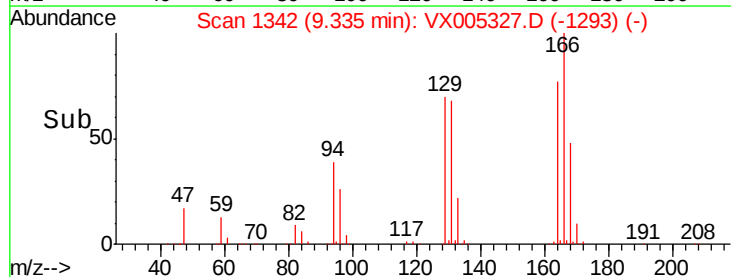
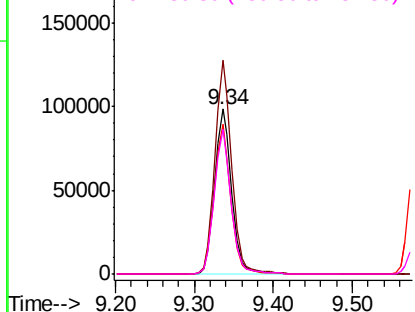


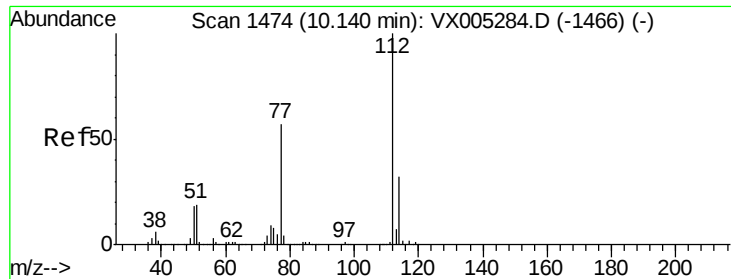
#64
Tetrachloroethene
Concen: 50.200 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

Tgt Ion:164 Resp: 148147
Ion Ratio Lower Upper
164 100
166 129.4 102.8 154.2
129 90.9 69.4 104.0
131 87.5 67.9 101.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

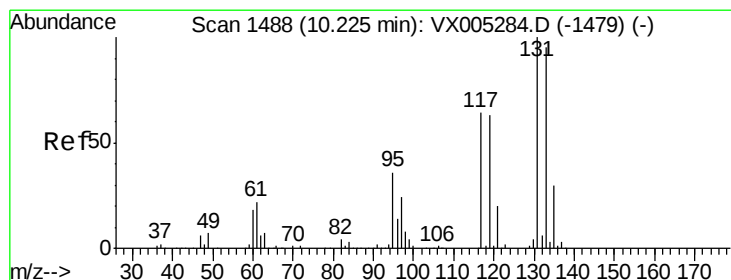
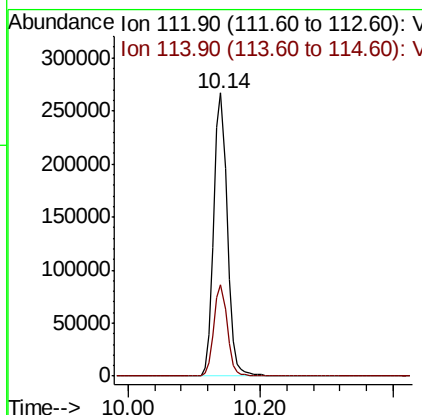
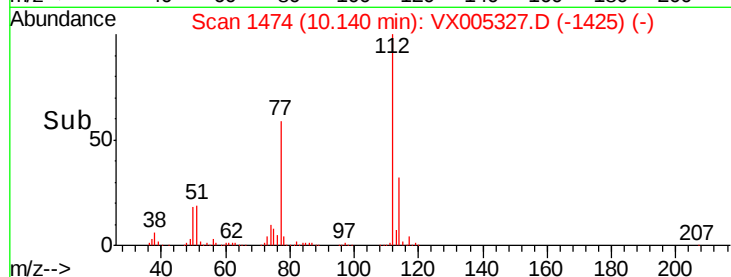
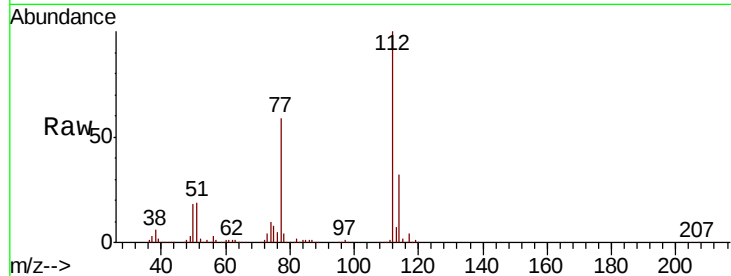




#65
Chlorobenzene
Concen: 48.112 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

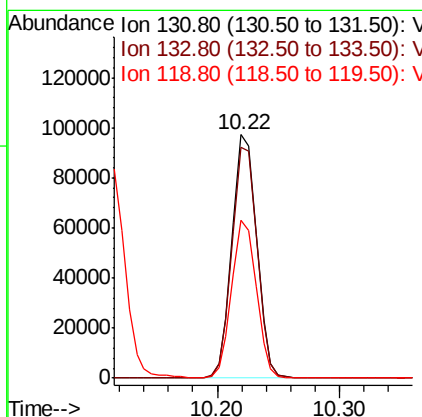
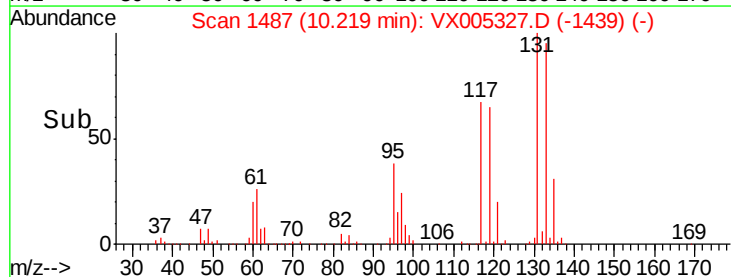
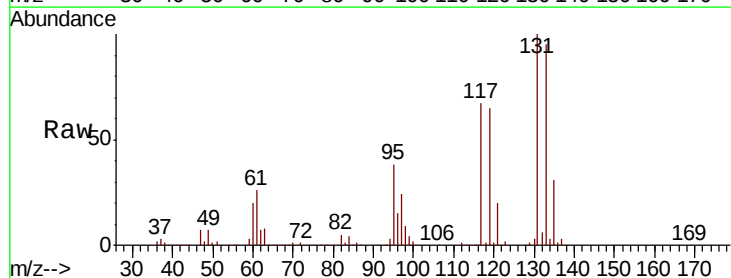
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

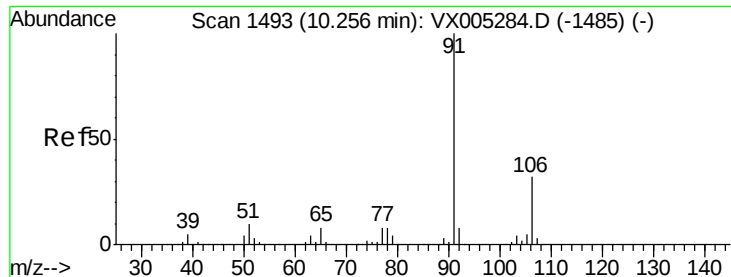
Tot Ion:112 Resp: 375157
Ion Ratio Lower Upper
112 100
114 32.4 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.865 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

Tgt Ion:131 Resp: 135782
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.4
119 65.0 32.9 98.6





#67

Ethyl Benzene

Concen: 51.003 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

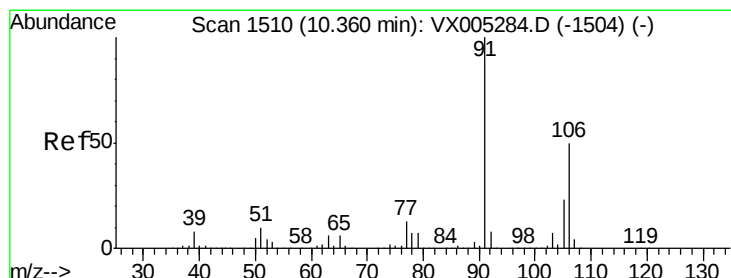
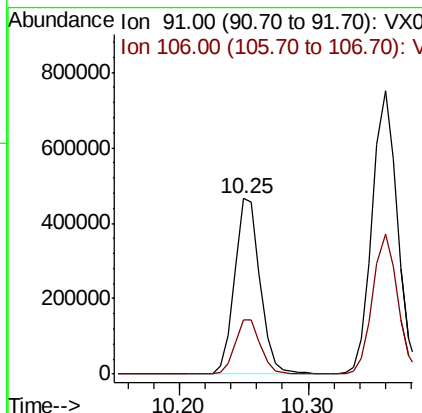
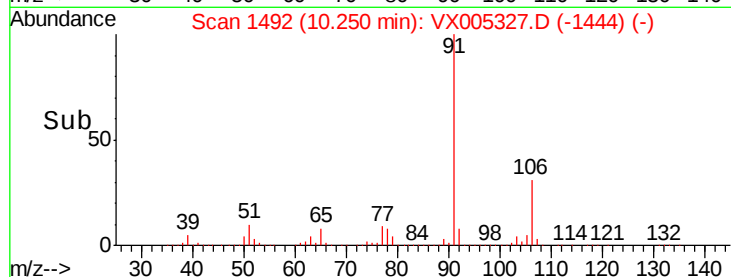
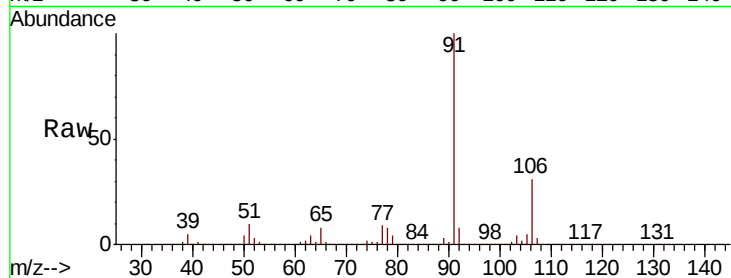
VSTDCCC050EC

Tot Ion: 91 Resp: 646526

Ion Ratio Lower Upper

91 100

106 30.9 25.9 38.9



#68

m/p-Xylenes

Concen: 101.575 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005327.D

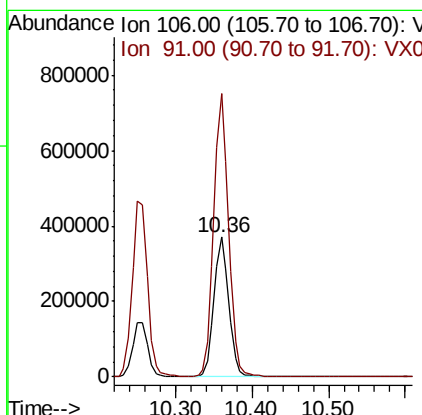
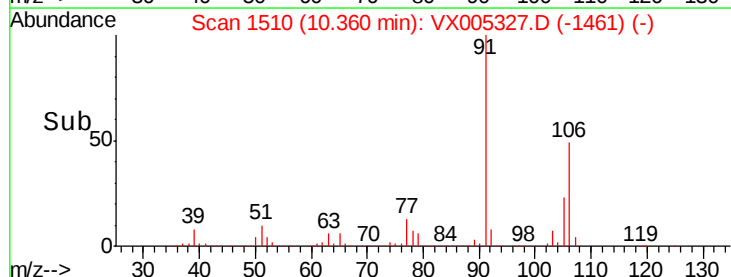
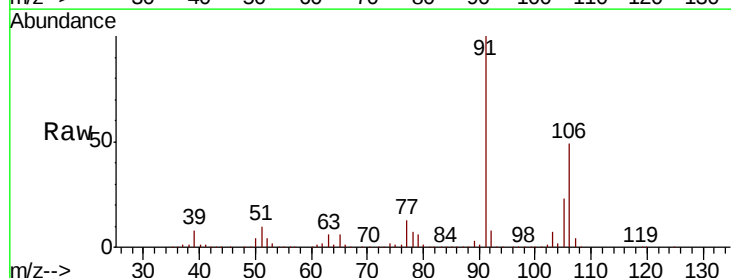
Acq: 13 Oct 2018 07:10

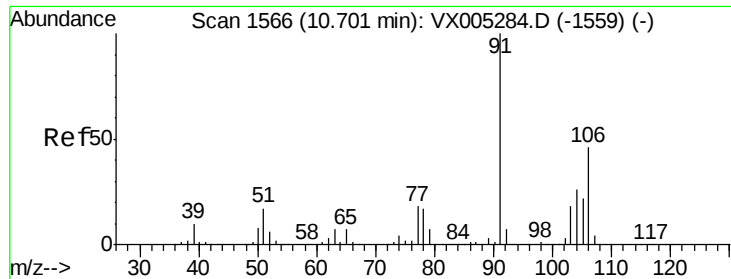
Tgt Ion: 106 Resp: 499761

Ion Ratio Lower Upper

106 100

91 203.3 157.1 235.7

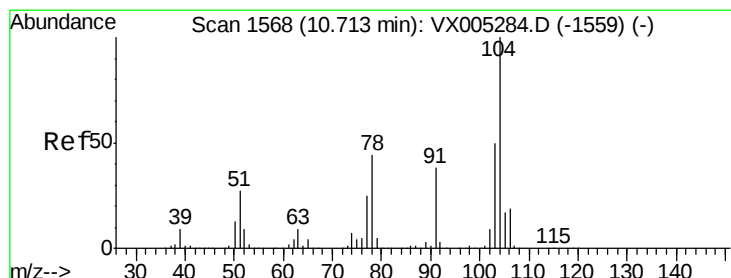
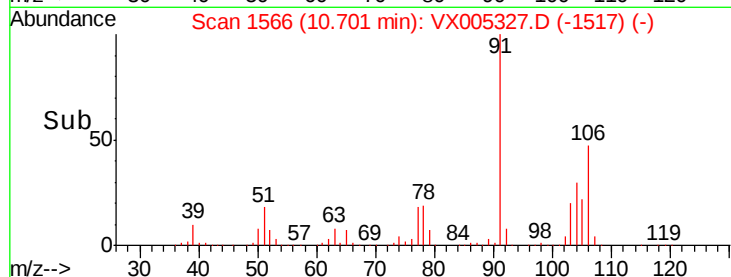
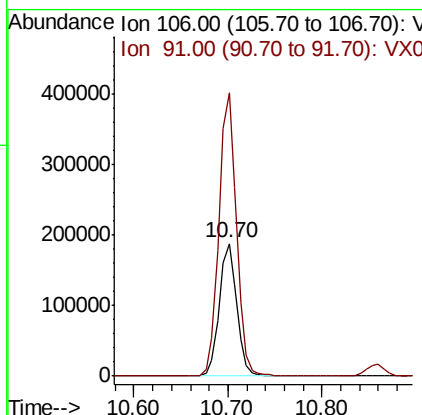
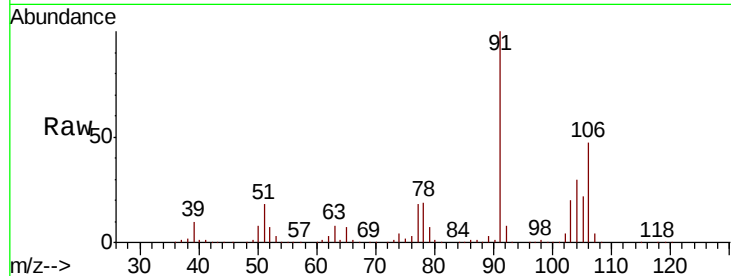




#69
o-Xylene
Concen: 51.157 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

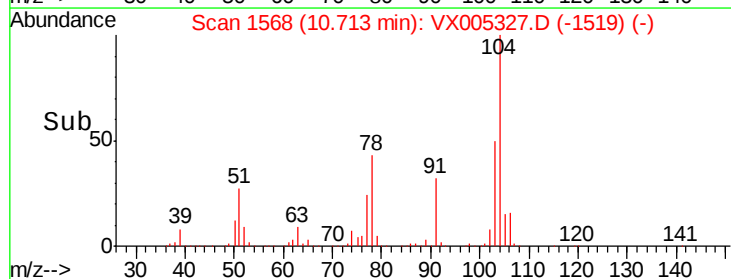
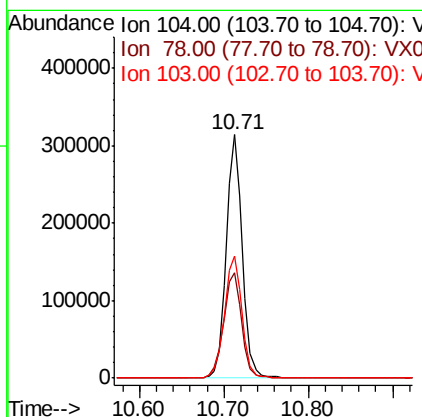
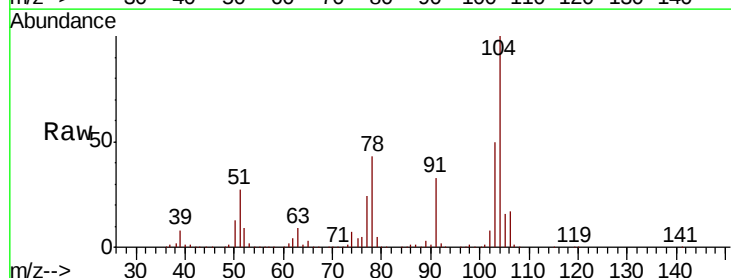
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

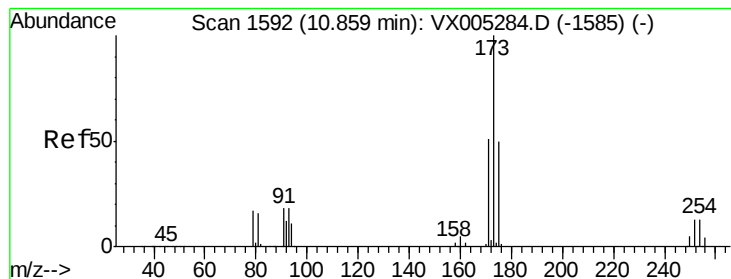
Tot Ion:106 Resp: 242748
Ion Ratio Lower Upper
106 100
91 214.0 105.1 315.1



#70
Styrene
Concen: 52.823 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

Tgt Ion:104 Resp: 412275
Ion Ratio Lower Upper
104 100
78 49.1 37.4 56.0
103 55.2 43.8 65.6





#71

Bromoform

Concen: 48.212 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

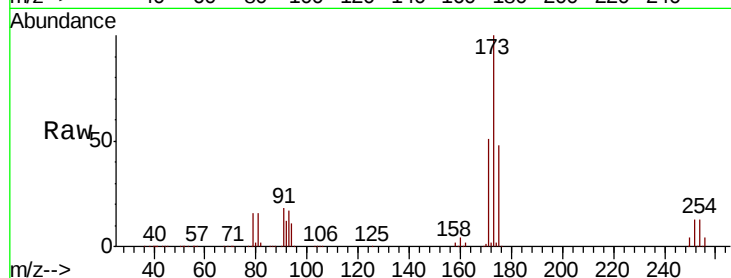
Tot Ion:173 Resp: 119718

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.3

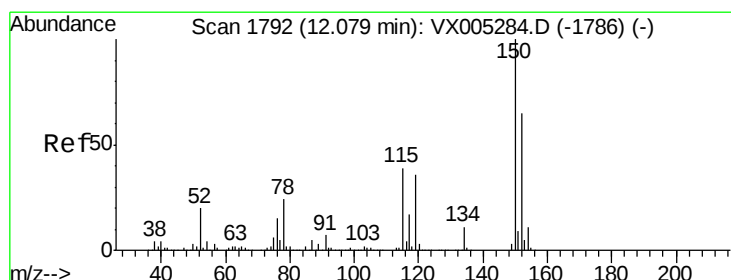
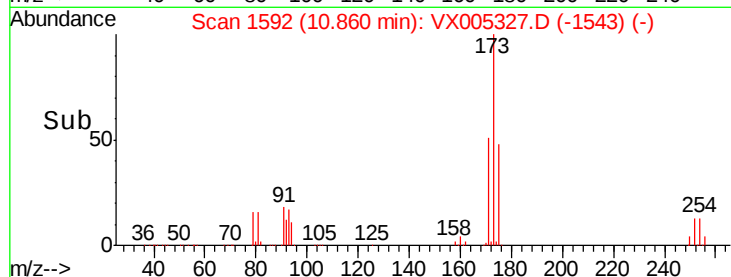
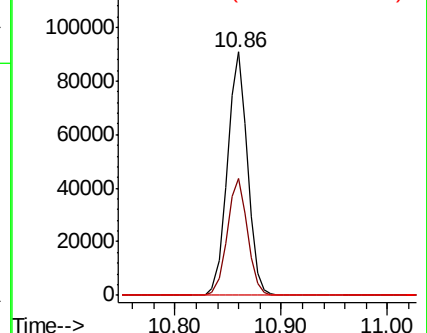
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

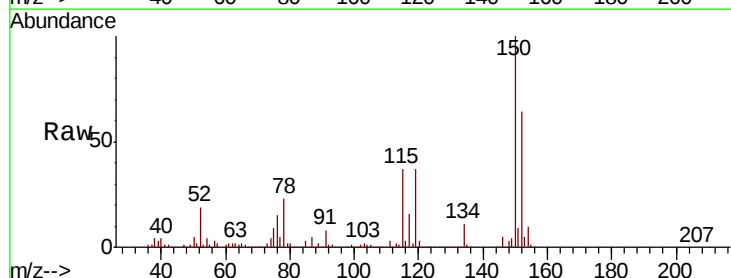
Tgt Ion:152 Resp: 211894

Ion Ratio Lower Upper

152 100

115 76.0 39.0 117.0

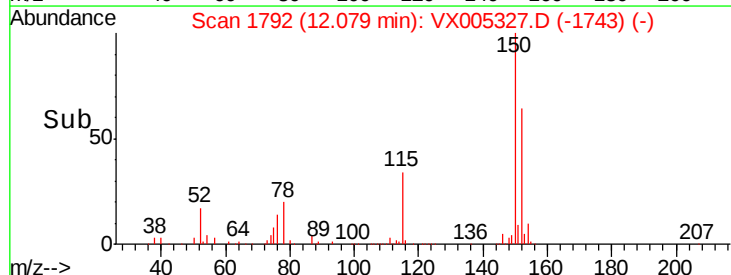
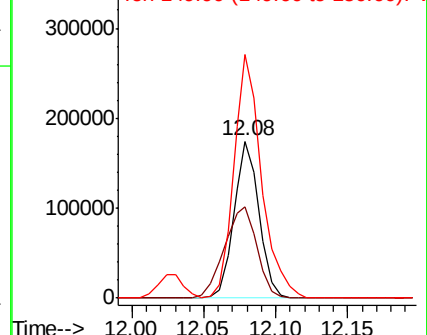
150 171.7 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.475 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

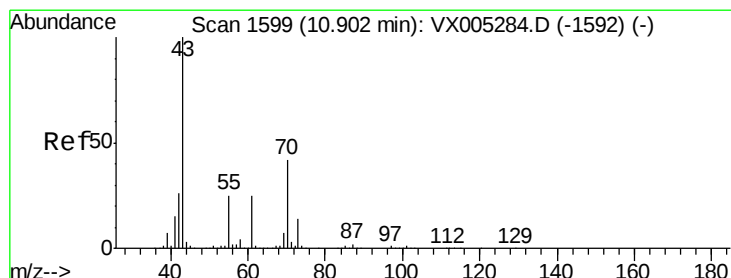
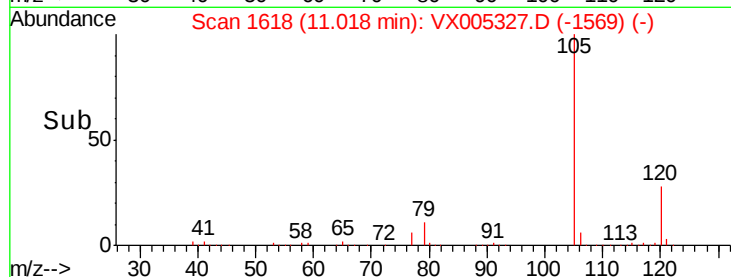
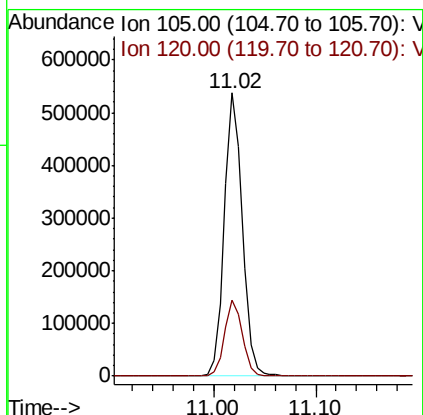
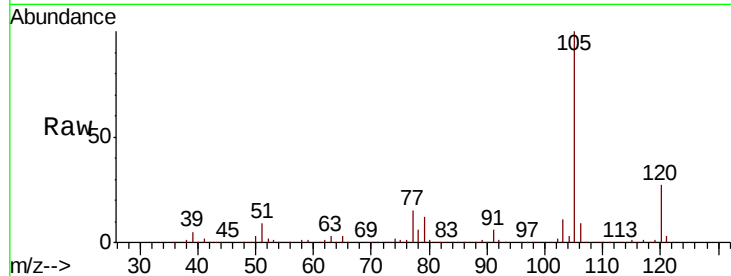
VSTDCCC050EC

Tot Ion:105 Resp: 660998

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 53.298 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Tgt Ion: 43 Resp: 323810

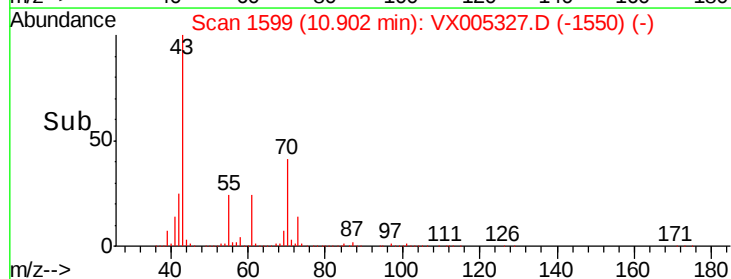
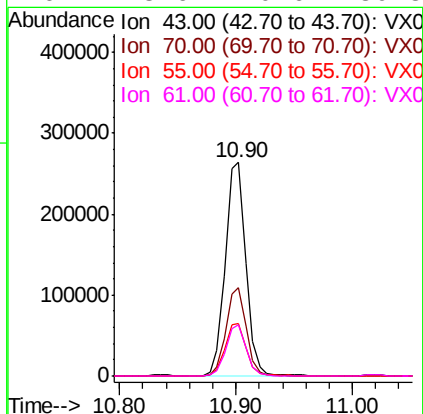
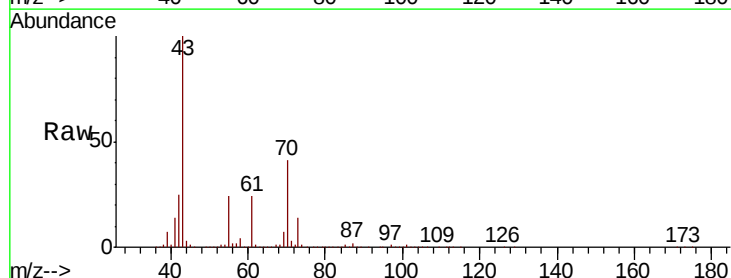
Ion Ratio Lower Upper

43 100

70 40.7 37.4 56.0

55 25.1 21.8 32.8

61 23.6 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.957 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

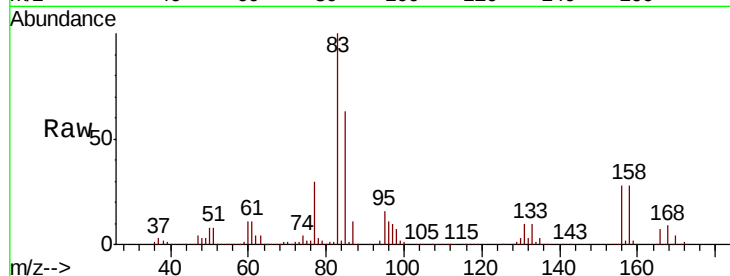
Tot Ion: 83 Resp: 227879

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

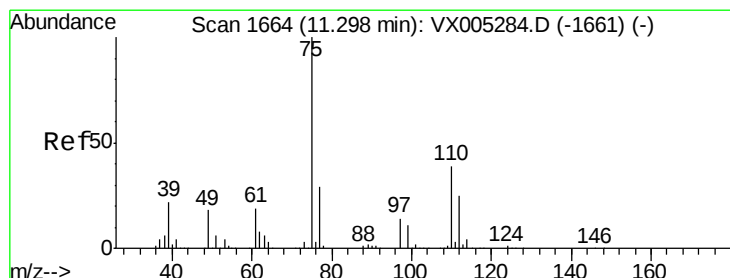
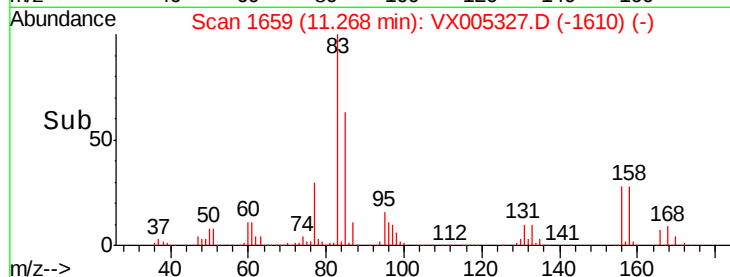
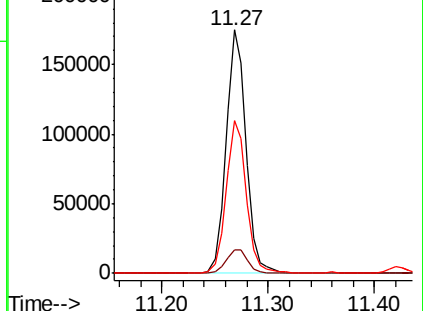
85 63.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.124 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005327.D

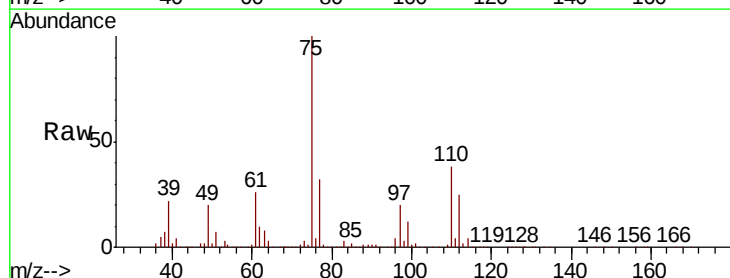
Acq: 13 Oct 2018 07:10

Tgt Ion: 75 Resp: 255337

Ion Ratio Lower Upper

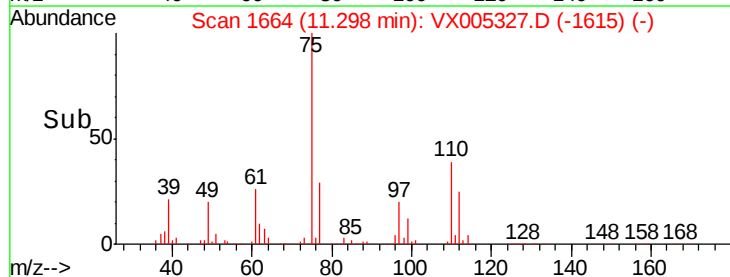
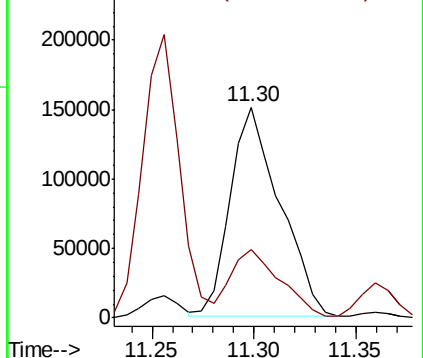
75 100

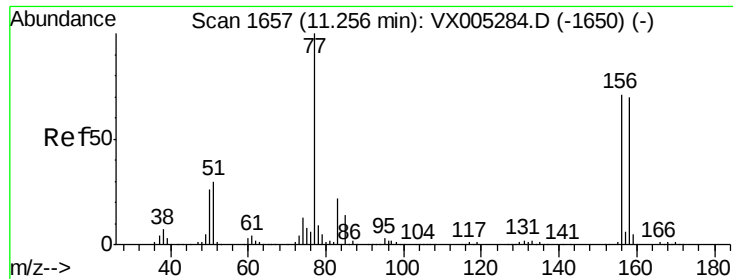
77 32.6 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.691 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

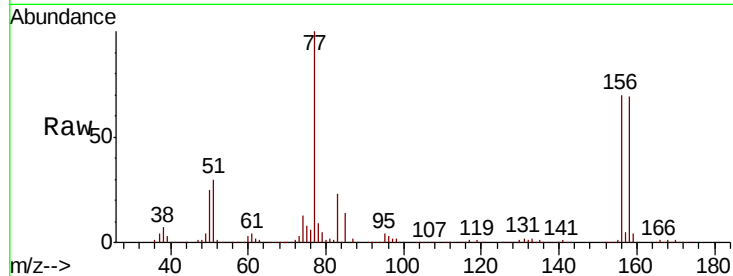
Tot Ion:156 Resp: 178972

Ion Ratio Lower Upper

156 100

77 144.0 71.5 214.3

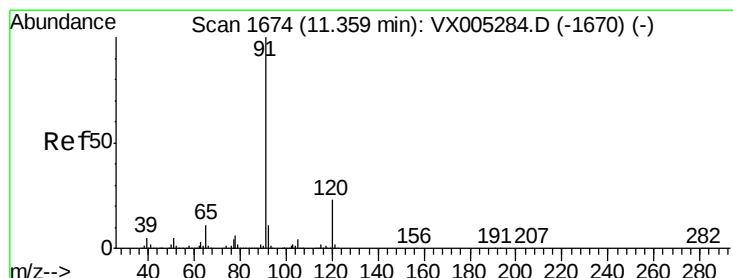
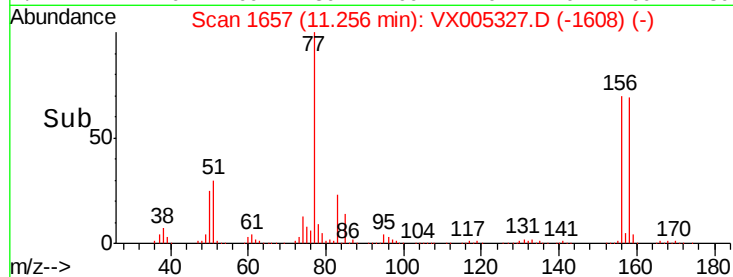
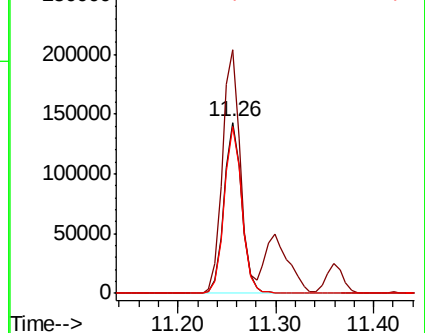
158 97.5 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.434 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005327.D

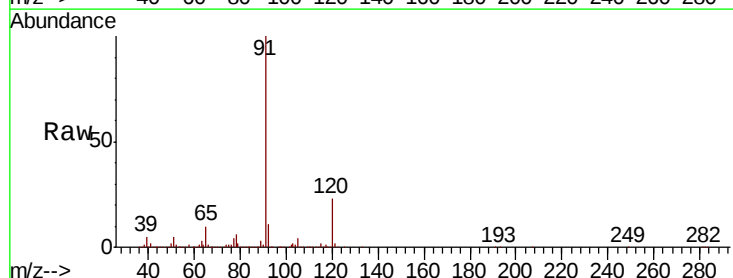
Acq: 13 Oct 2018 07:10

Tgt Ion: 91 Resp: 760048

Ion Ratio Lower Upper

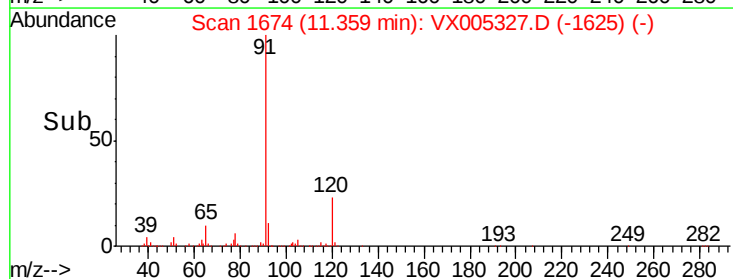
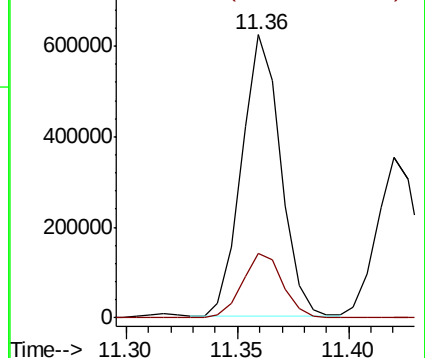
91 100

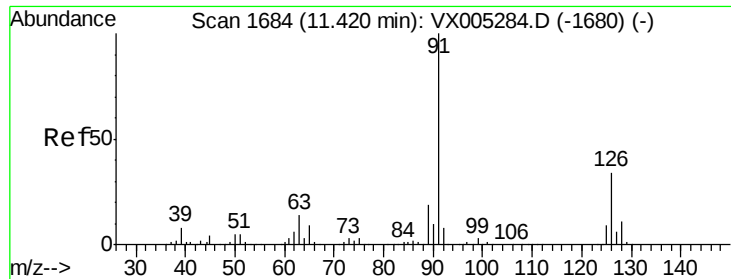
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

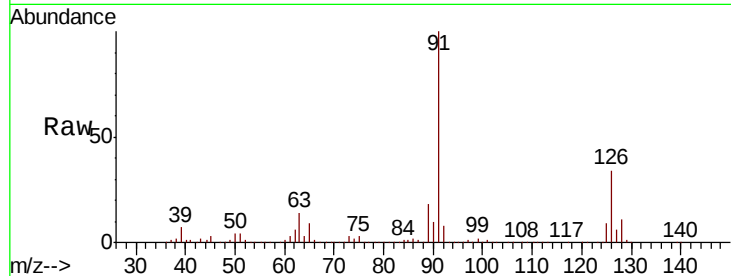




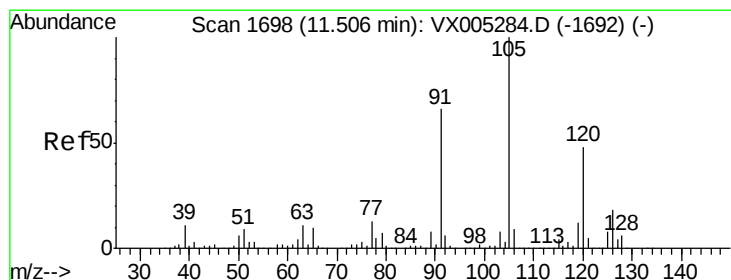
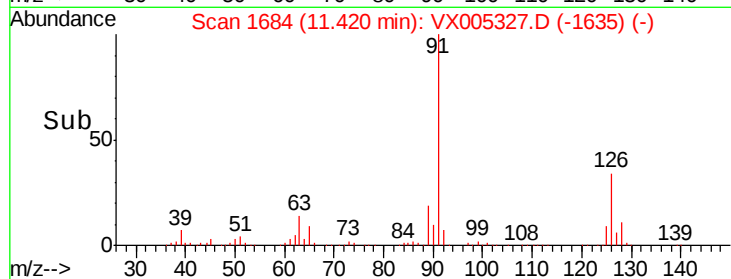
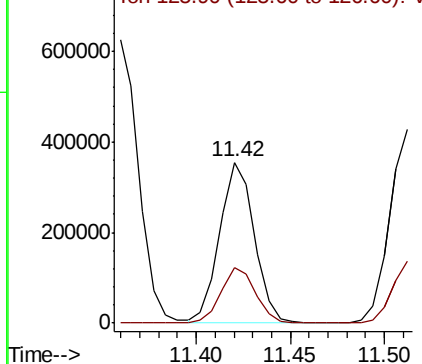
#79
2-Chlorotoluene
Concen: 50.577 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 448990
Ion Ratio Lower Upper
91 100
126 35.2 17.9 53.7

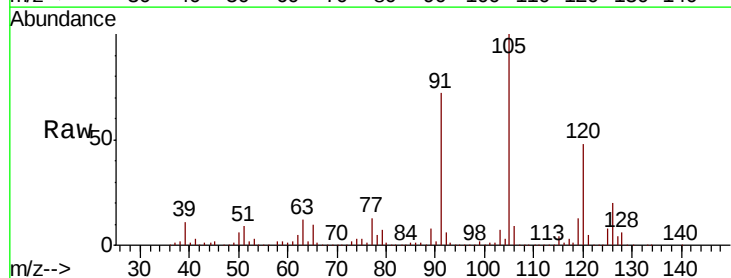


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

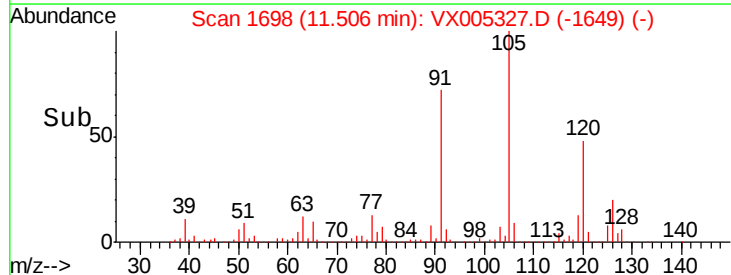
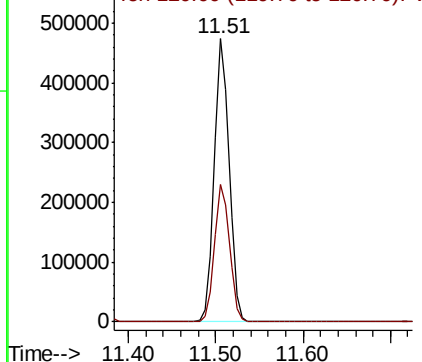


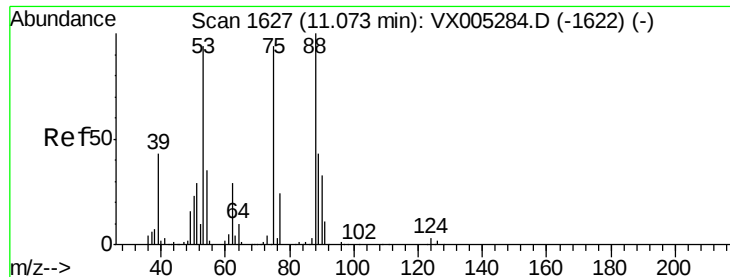
#80
1,3,5-Trimethylbenzene
Concen: 52.141 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

Tgt Ion:105 Resp: 562434
Ion Ratio Lower Upper
105 100
120 48.9 25.6 76.8



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: 42.381 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

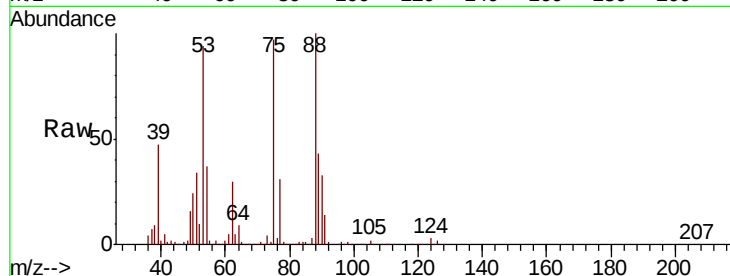
Tot Ion: 75 Resp: 57328

Ion Ratio Lower Upper

75 100

53 98.2 80.1 120.1

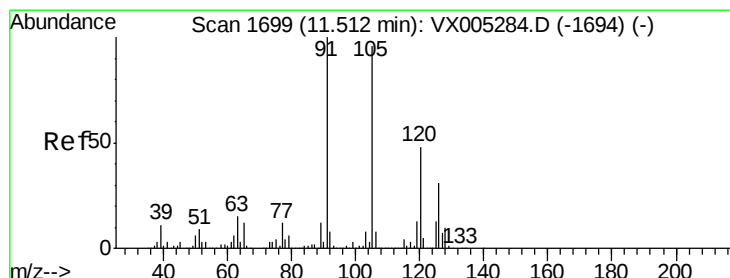
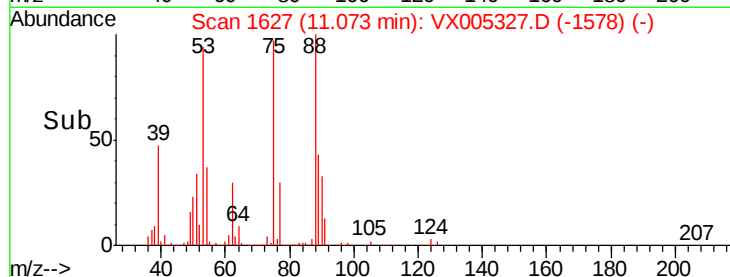
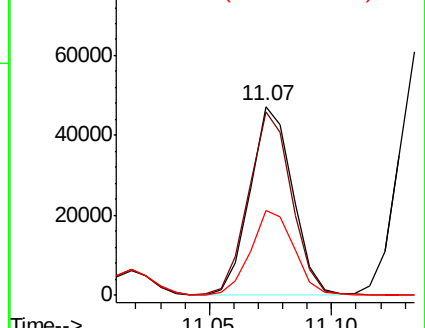
89 45.7 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.604 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005327.D

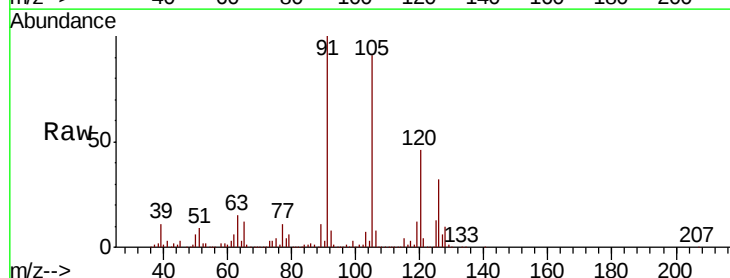
Acq: 13 Oct 2018 07:10

Tgt Ion: 91 Resp: 532523

Ion Ratio Lower Upper

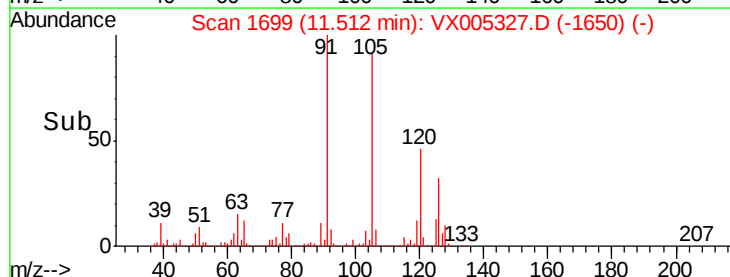
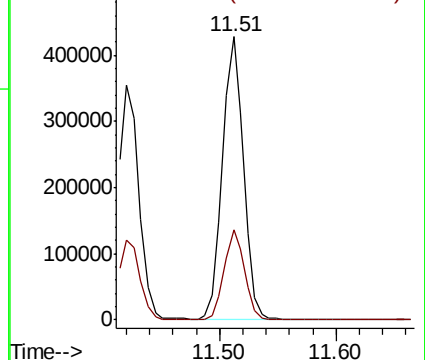
91 100

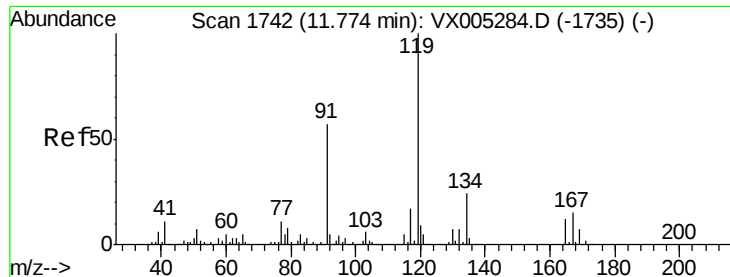
126 30.9 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 51.341 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

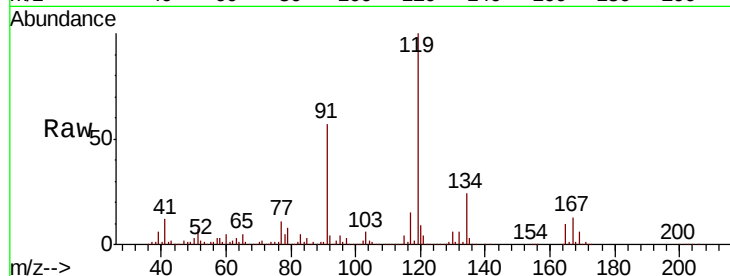
Tot Ion:119 Resp: 560811

Ion Ratio Lower Upper

119 100

91 56.6 27.0 81.0

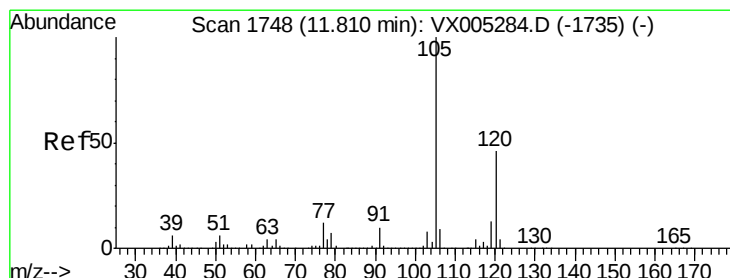
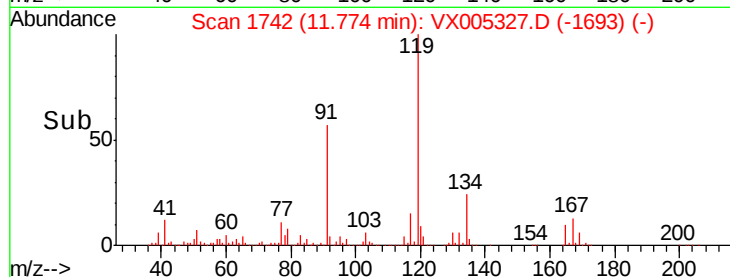
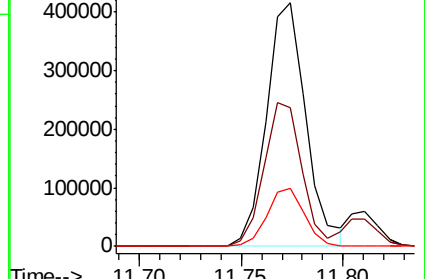
134 22.7 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.479 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX005327.D

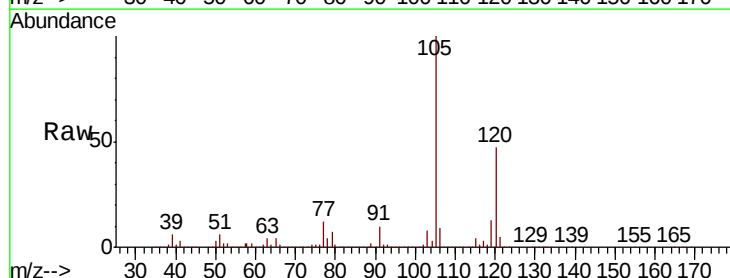
Acq: 13 Oct 2018 07:10

Tgt Ion:105 Resp: 582553

Ion Ratio Lower Upper

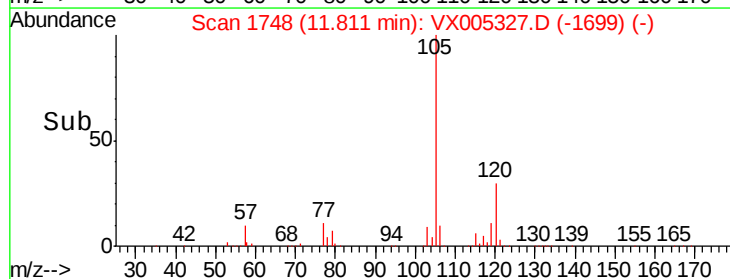
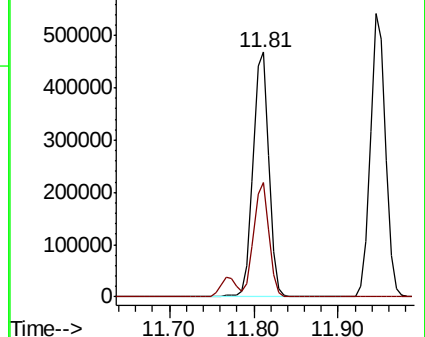
105 100

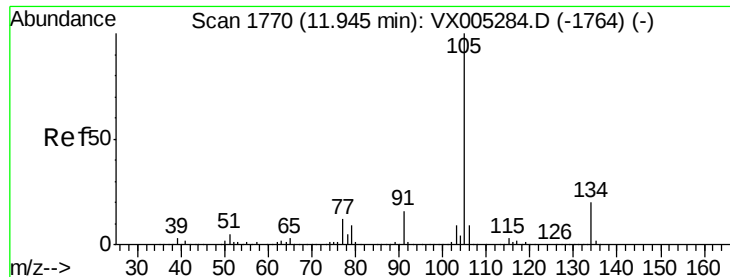
120 45.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.225 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

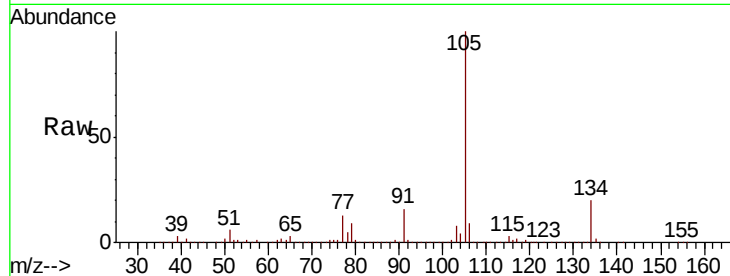
VSTDCCC050EC

Tot Ion:105 Resp: 675113

Ion Ratio Lower Upper

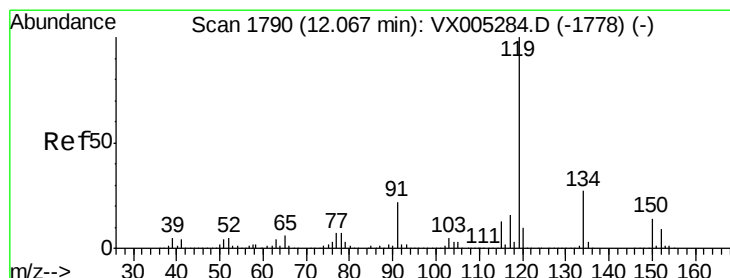
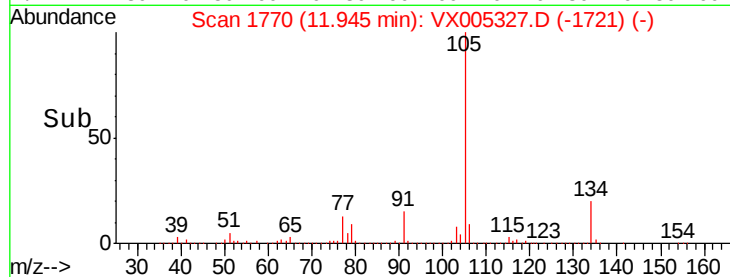
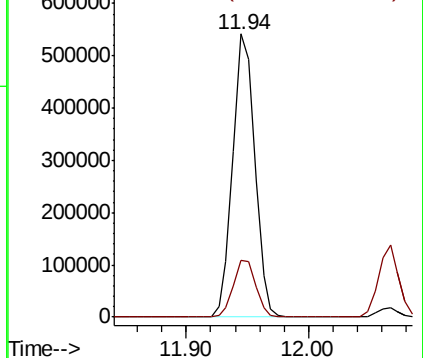
105 100

134 20.6 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.910 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

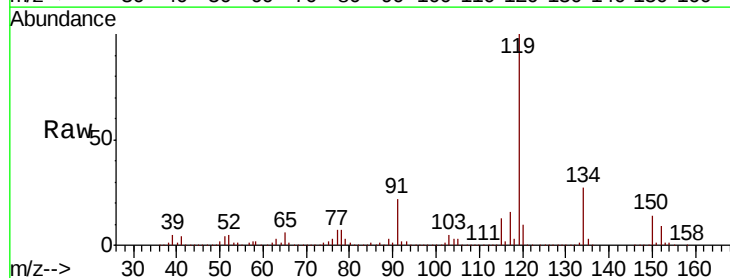
Tgt Ion:119 Resp: 606518

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

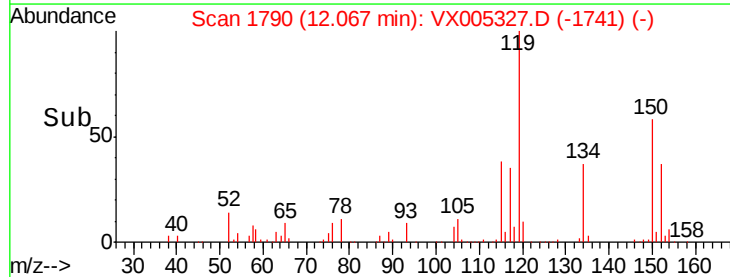
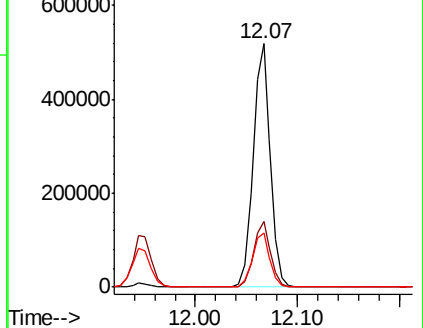
91 22.7 10.9 32.7

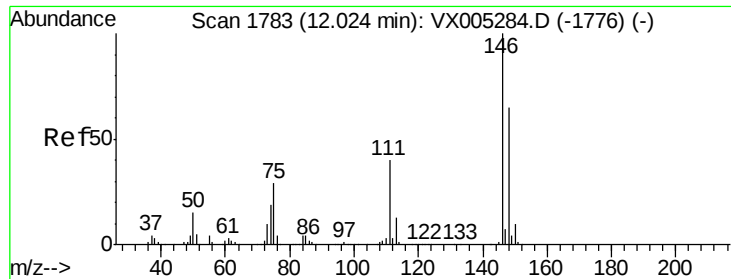


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 48.902 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

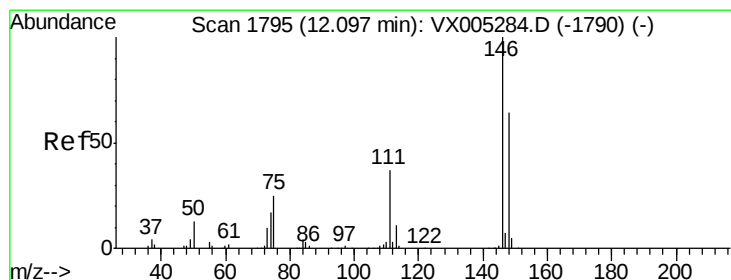
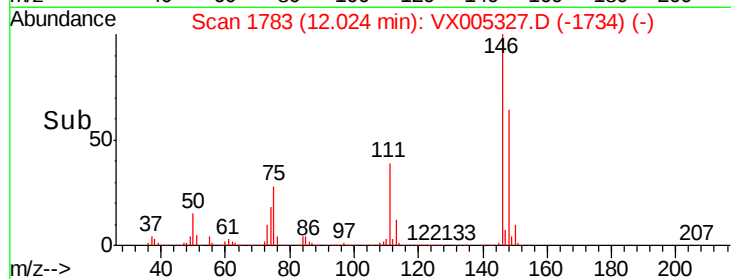
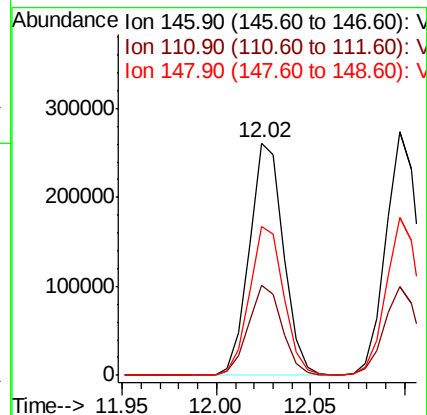
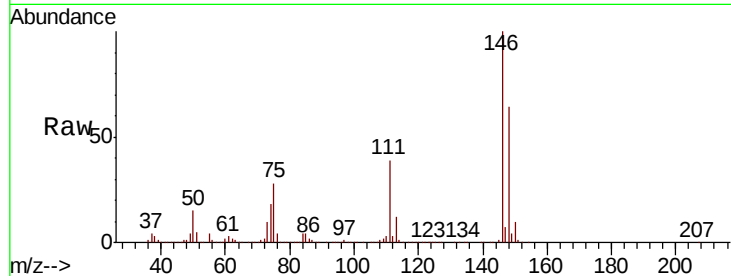
Tot Ion:146 Resp: 329120

Ion Ratio Lower Upper

146 100

111 38.3 18.7 56.1

148 64.4 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 48.776 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

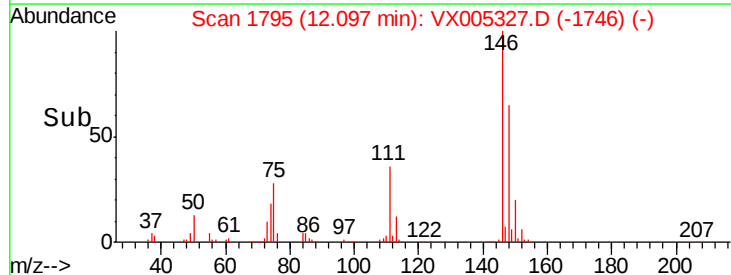
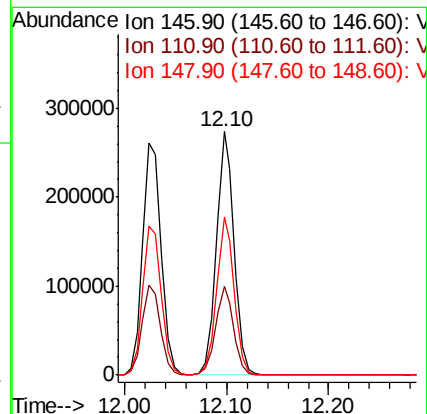
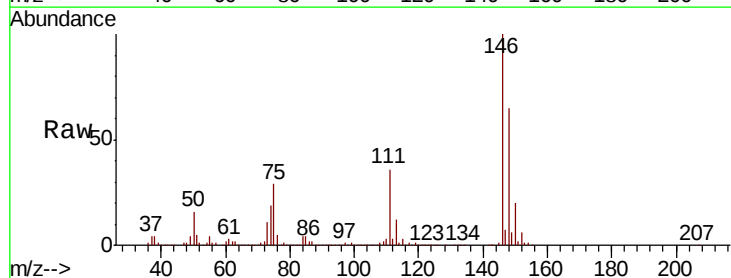
Tgt Ion:146 Resp: 335821

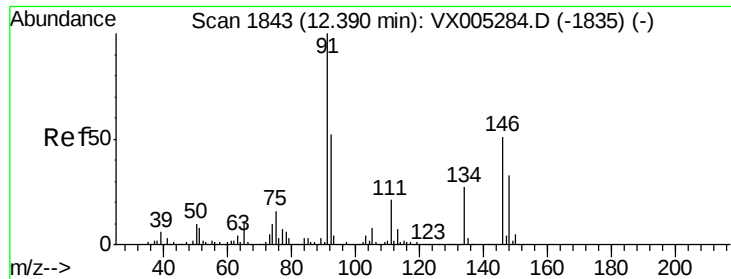
Ion Ratio Lower Upper

146 100

111 36.7 18.1 54.1

148 64.4 32.0 96.0

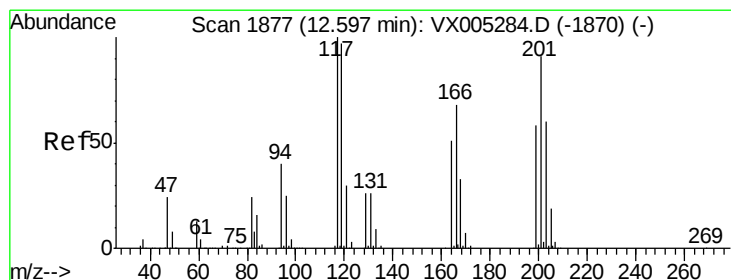
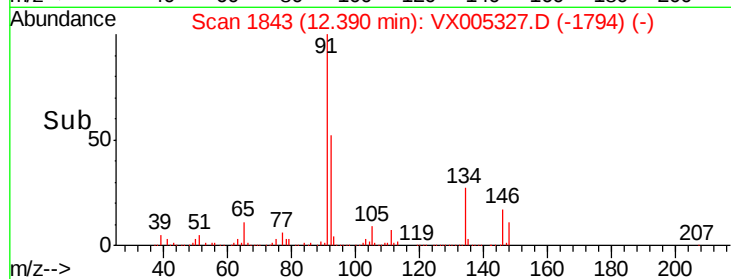
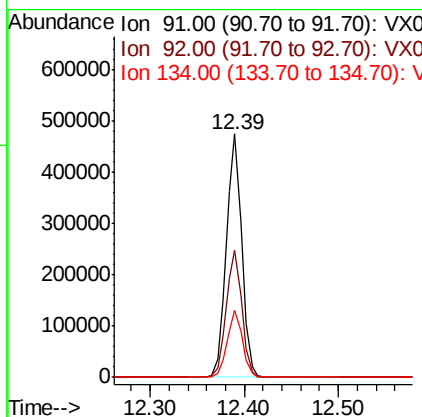
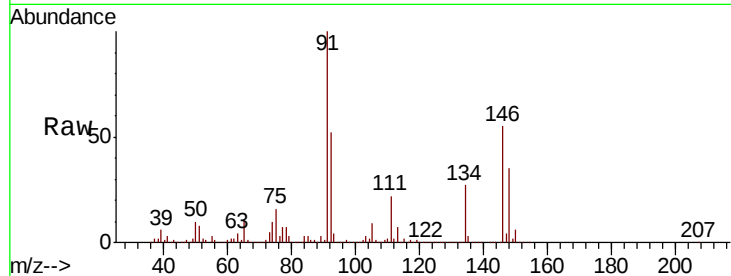




#89
n-Butylbenzene
Concen: 50.635 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

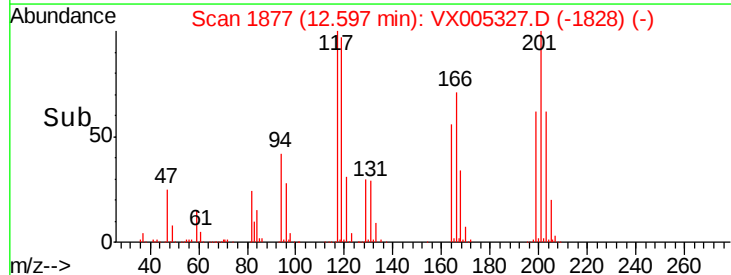
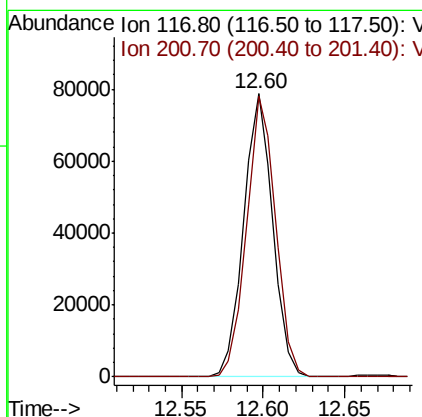
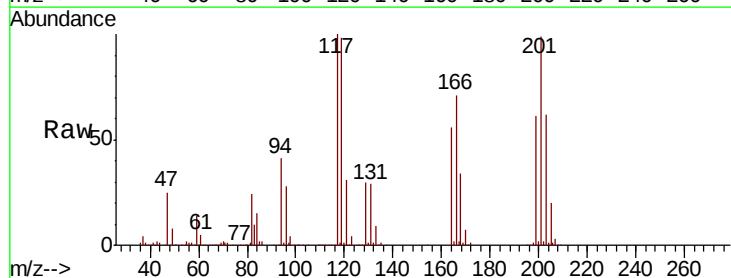
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

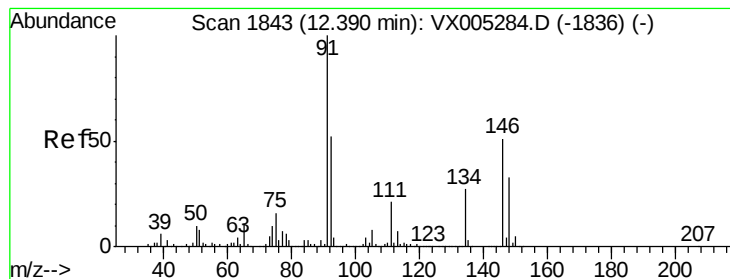
Tot Ion: 91 Resp: 537161
Ion Ratio Lower Upper
91 100
92 52.6 27.3 81.9
134 26.9 13.6 40.7



#90
Hexachloroethane
Concen: 48.507 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

Tgt Ion: 117 Resp: 97674
Ion Ratio Lower Upper
117 100
201 99.1 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 49.122 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

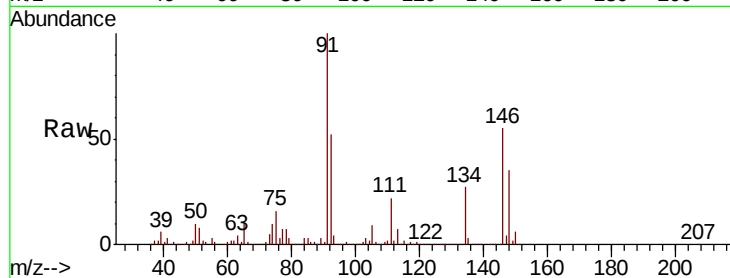
Tot Ion:146 Resp: 337370

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.1

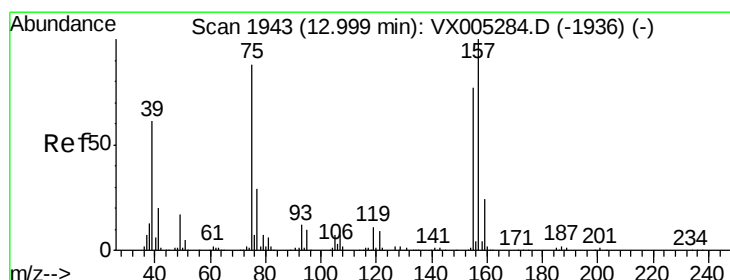
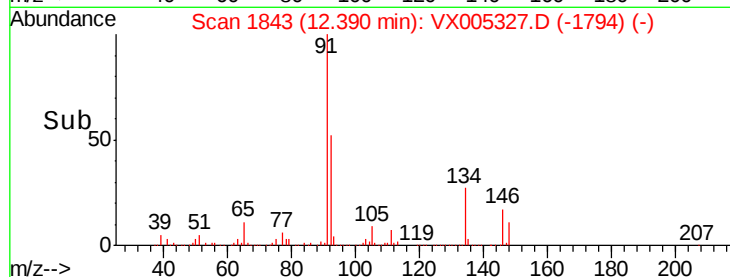
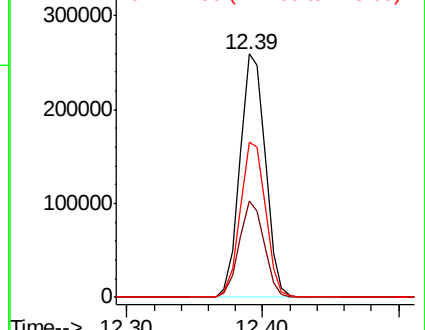
148 63.9 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.889 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX005327.D

Acq: 13 Oct 2018 07:10

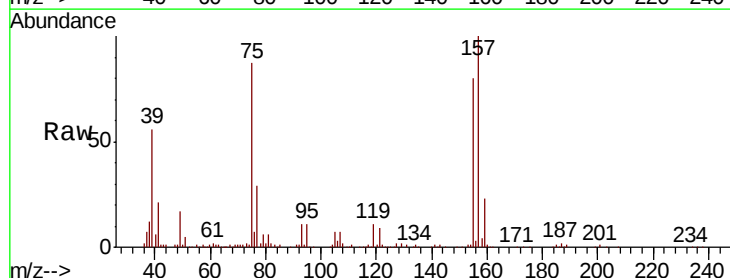
Tgt Ion: 75 Resp: 55508

Ion Ratio Lower Upper

75 100

155 96.2 48.0 144.2

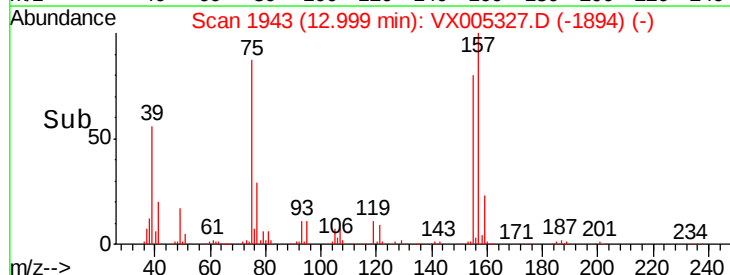
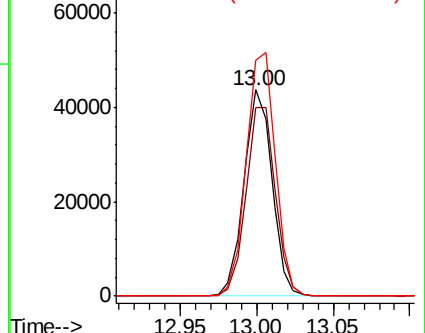
157 123.2 61.4 184.1

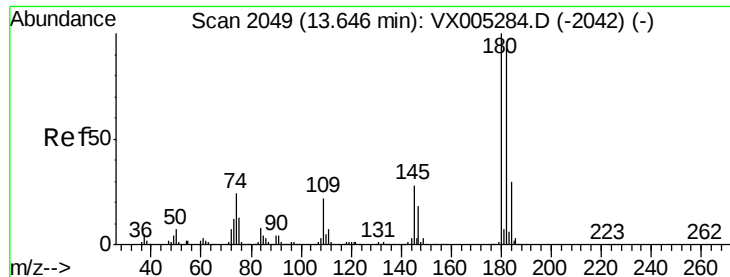


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

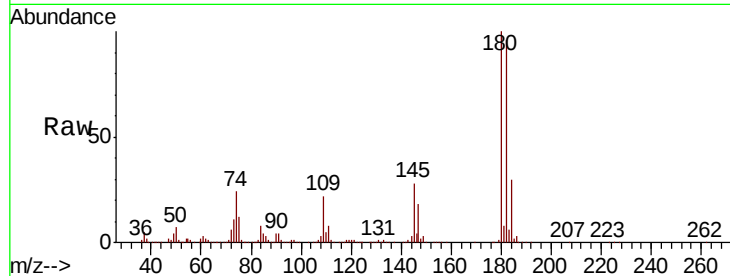




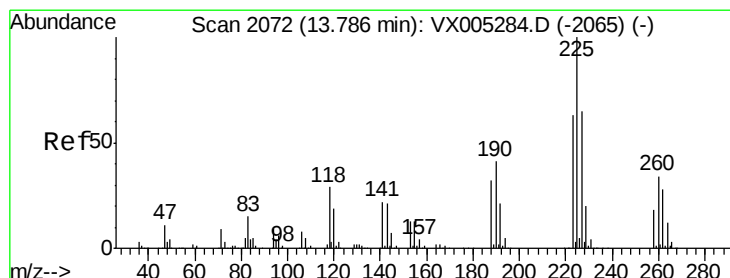
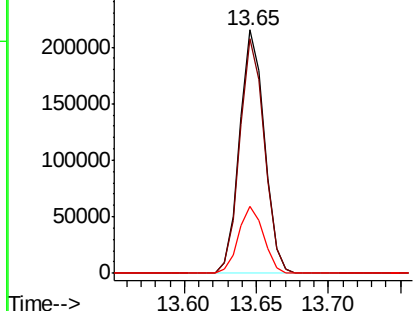
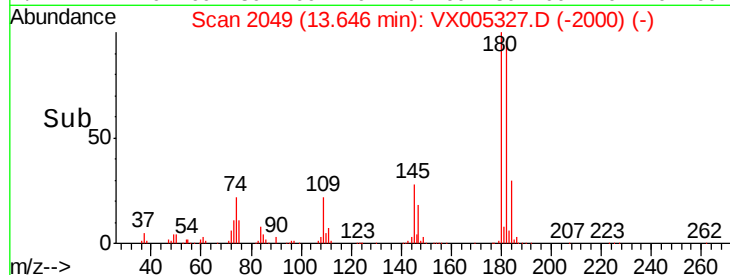
#93
 1,2,4-Trichlorobenzene
 Concen: 51.120 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005327.D
 Acq: 13 Oct 2018 07:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 257584
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.4 145.0
 145 27.9 14.3 42.9

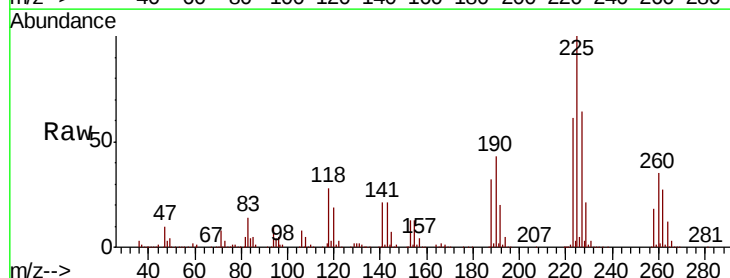


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

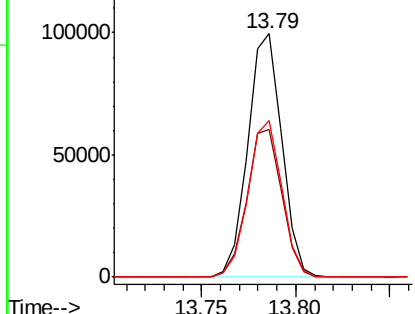
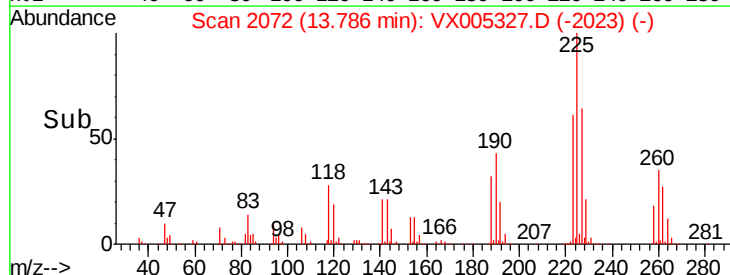


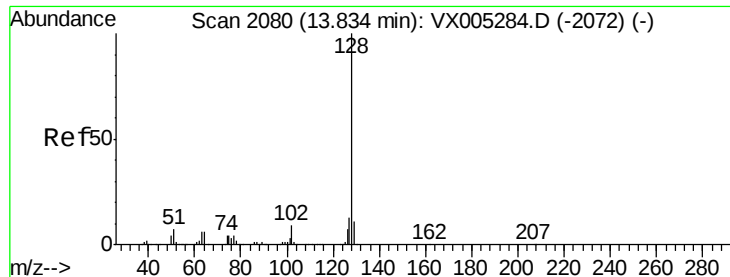
#94
 Hexachlorobutadiene
 Concen: 46.930 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005327.D
 Acq: 13 Oct 2018 07:10

Tgt Ion:225 Resp: 124892
 Ion Ratio Lower Upper
 225 100
 223 62.2 30.1 90.5
 227 63.7 30.8 92.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

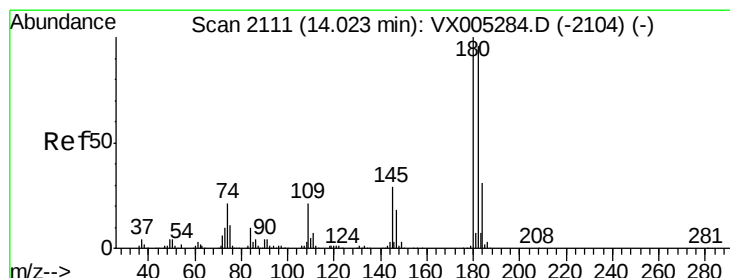
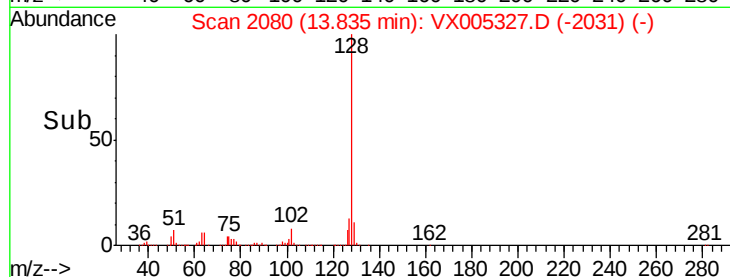
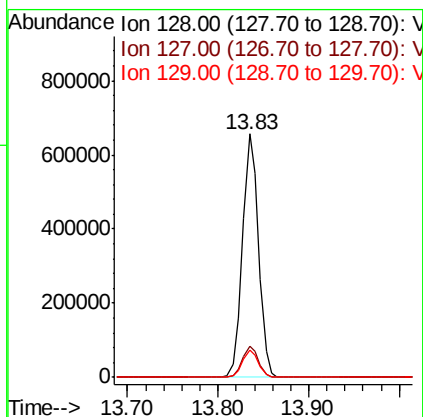
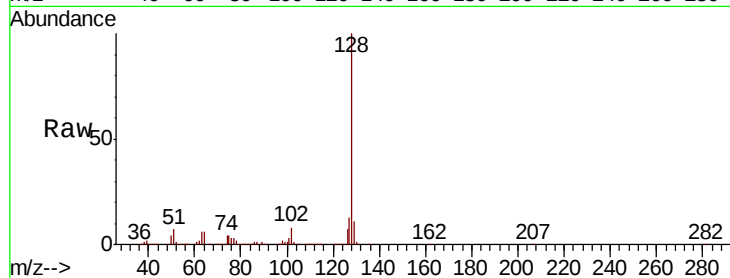




#95
Naphthalene
Concen: 54.756 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 800164
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.175 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005327.D
Acq: 13 Oct 2018 07:10

Tgt Ion:180 Resp: 263844
Ion Ratio Lower Upper
180 100
182 95.2 48.5 145.6
145 29.6 14.9 44.9

