

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
 Data File : VX012266.D
 Acq On : 10 Sep 2019 20:11
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 11 01:38:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	135078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	253407	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	113038	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	101602	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
35) Dibromofluoromethane	5.48	113	79492	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	8.71	98	295371	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	11.14	95	128838	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	50171	45.430	ug/l	97
3) Chloromethane	1.31	50	47647	47.863	ug/l	96
4) Vinyl Chloride	1.39	62	46929	47.545	ug/l	96
5) Bromomethane	1.62	94	28496	73.399	ug/l	99
6) Chloroethane	1.71	64	30465	46.157	ug/l	99
7) Trichlorofluoromethane	1.92	101	82751	46.324	ug/l	97
8) Diethyl Ether	2.17	74	32487	53.296	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	60504	50.254	ug/l	99
10) Methyl Iodide	2.50	142	46327	40.429	ug/l	100
11) Tert butyl alcohol	3.03	59	49498	243.865	ug/l	100
12) 1,1-Dichloroethene	2.36	96	50750	49.651	ug/l	98
13) Acrolein	2.28	56	19357	193.898	ug/l	97
14) Allyl chloride	2.72	41	104078	49.944	ug/l	99
15) Acrylonitrile	3.13	53	100370	266.373	ug/l	99
16) Acetone	2.43	43	96156	212.691	ug/l	100
17) Carbon Disulfide	2.56	76	103272	48.114	ug/l	99
18) Methyl Acetate	2.76	43	50609	53.259	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	214775	53.208	ug/l	98
20) Methylene Chloride	2.84	84	72551	51.518	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	60341	49.481	ug/l	97
22) Diisopropyl ether	3.84	45	249273	52.304	ug/l	92
23) Vinyl Acetate	3.80	43	769751	263.250	ug/l	99
24) 1,1-Dichloroethane	3.69	63	132101	51.748	ug/l	98
25) 2-Butanone	4.65	43	142047	245.784	ug/l	99
26) 2,2-Dichloropropane	4.57	77	110133	45.952	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	81216	51.586	ug/l	100
28) Bromochloromethane	5.00	49	63017	52.635	ug/l	100
29) Tetrahydrofuran	5.11	42	86168	276.339	ug/l	99
30) Chloroform	5.20	83	147037	51.079	ug/l	99
31) Cyclohexane	5.57	56	84740	47.787	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	121441	49.131	ug/l	98
36) 1,1-Dichloropropene	5.78	75	86741	46.944	ug/l	99
37) Ethyl Acetate	4.81	43	60140	52.652	ug/l	98
38) Carbon Tetrachloride	5.77	117	100982	46.580	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	94243	46.476	ug/l	96
40) Benzene	6.13	78	273413	48.891	ug/l	97
41) Methacrylonitrile	5.03	41	37828	53.721	ug/l	95
42) 1,2-Dichloroethane	6.18	62	110427	49.960	ug/l	99
43) Isopropyl Acetate	6.43	43	123529	51.296	ug/l	99
44) Trichloroethene	7.20	130	72886	48.159	ug/l	100
45) 1,2-Dichloropropane	7.51	63	76536	49.443	ug/l	97
46) Dibromomethane	7.65	93	43718	51.675	ug/l	100
47) Bromodichloromethane	7.89	83	115488	50.021	ug/l	98
48) Methyl methacrylate	7.76	41	59729	51.818	ug/l	99
49) 1,4-Dioxane	7.73	88	15422	991.512	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	320361	252.062	ug/l	100
52) Toluene	8.78	92	179060	48.475	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	111853	48.539	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	123583	48.364	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	66722	50.906	ug/l	99
56) Ethyl methacrylate	9.17	69	91862	51.764	ug/l	100
57) 1,3-Dichloropropane	9.37	76	113431	50.671	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	236276	259.769	ug/l	100
59) 2-Hexanone	9.48	43	221115	250.213	ug/l	99
60) Dibromochloromethane	9.57	129	79920	52.231	ug/l	99
61) 1,2-Dibromoethane	9.67	107	60786	49.822	ug/l	100
64) Tetrachloroethene	9.33	164	61317	49.512	ug/l	98
65) Chlorobenzene	10.14	112	206341	48.226	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	80581	49.960	ug/l	99
67) Ethyl Benzene	10.24	91	364742	47.930	ug/l	97
68) m/p-Xylenes	10.35	106	270759	96.655	ug/l	100
69) o-Xylene	10.70	106	133824	48.766	ug/l	100
70) Styrene	10.71	104	239330	49.176	ug/l	99
71) Bromoform	10.85	173	43048	51.470	ug/l #	98
73) Isopropylbenzene	11.01	105	368259	49.487	ug/l	98
74) N-amyl acetate	10.89	43	112216	50.716	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	84031	52.578	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	89798	61.838	ug/l	90
77) Bromobenzene	11.25	156	87364	50.991	ug/l	99
78) n-propylbenzene	11.35	91	441500	49.129	ug/l	100
79) 2-Chlorotoluene	11.42	91	277543	49.850	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	331800	49.580	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24327	50.194	ug/l	95
82) 4-Chlorotoluene	11.51	91	333802	49.888	ug/l	99
83) tert-Butylbenzene	11.77	119	317927	48.926	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	343800	49.696	ug/l	99
85) sec-Butylbenzene	11.94	105	373050	48.114	ug/l	100
86) p-Isopropyltoluene	12.06	119	346792	48.407	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	172433	49.406	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	173234	49.086	ug/l	98
89) n-Butylbenzene	12.38	91	336018	47.854	ug/l	100
90) Hexachloroethane	12.59	117	66030	50.039	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	160039	49.570	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16345	50.104	ug/l	95

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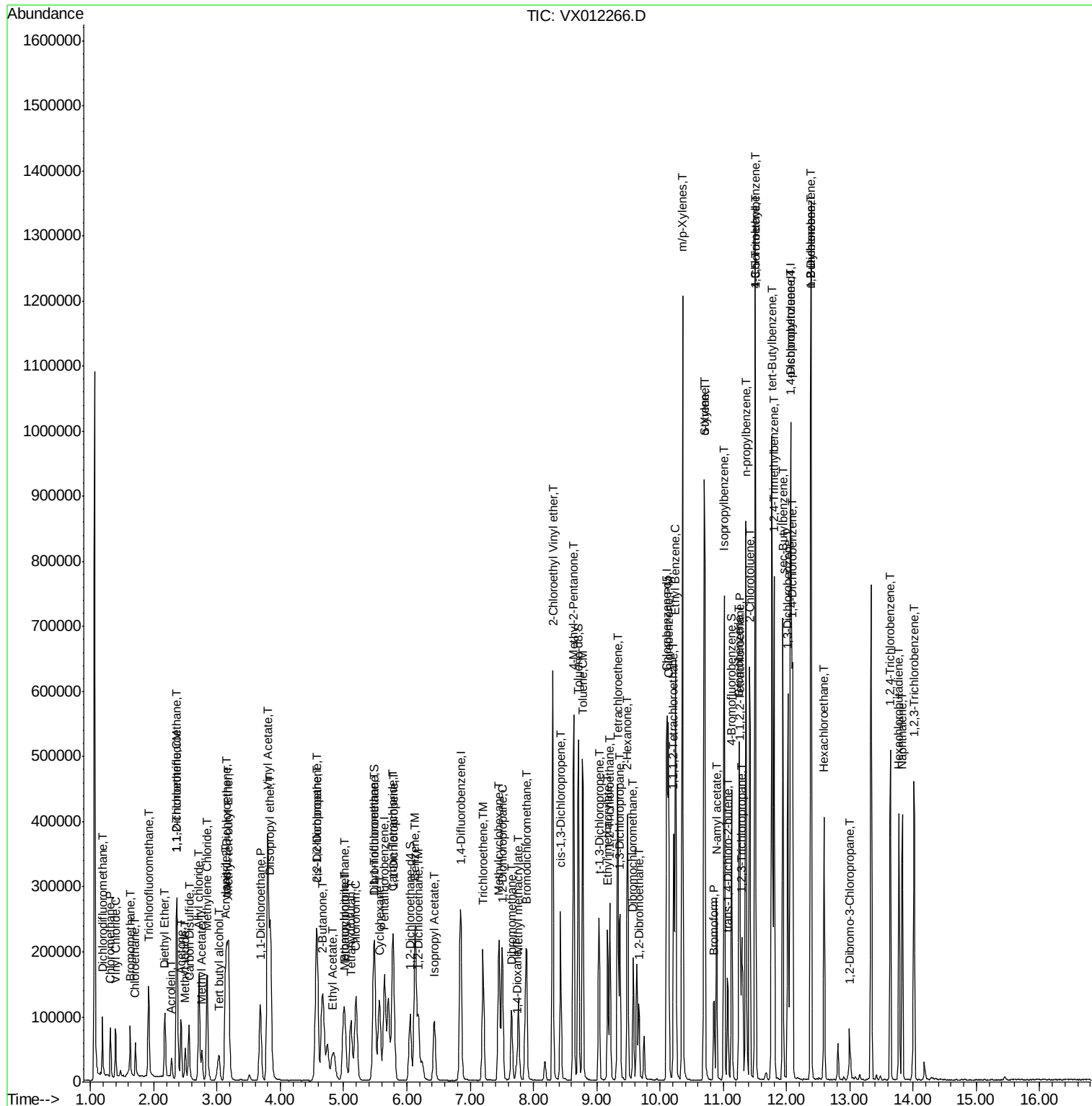
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	105714	47.414	ug/l	99
94) Hexachlorobutadiene	13.78	225	51217	46.176	ug/l	98
95) Naphthalene	13.83	128	240235	50.209	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	96194	48.762	ug/l	99

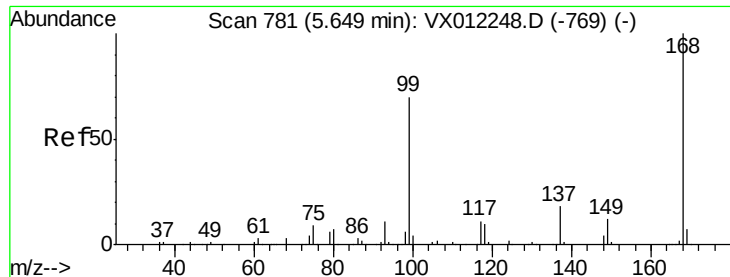
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

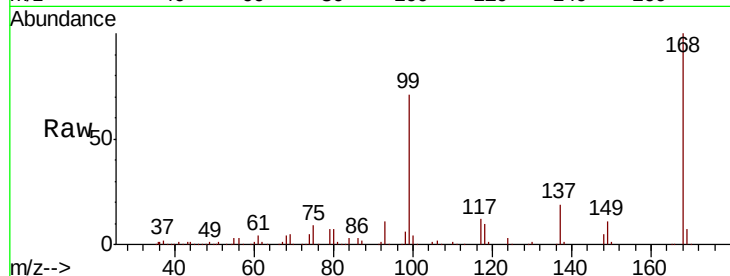
VSTDCCC050EC

Tgt Ion:168 Resp: 135078

Ion Ratio Lower Upper

168 100

99 70.4 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

50000

40000

30000

20000

10000

0

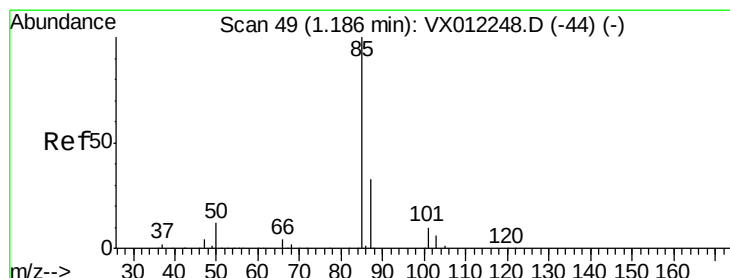
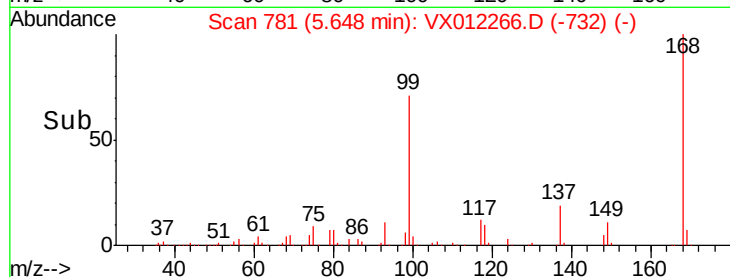
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.430 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012266.D

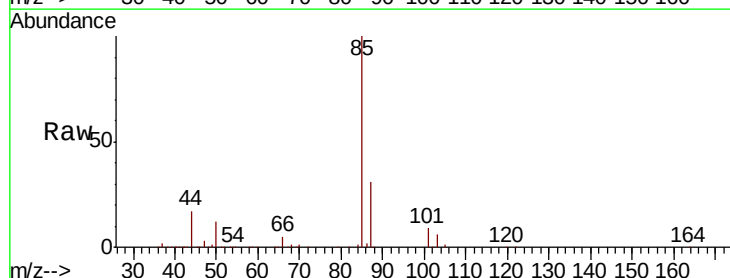
Acq: 10 Sep 2019 20:11

Tgt Ion: 85 Resp: 50171

Ion Ratio Lower Upper

85 100

87 31.4 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

50000

40000

30000

20000

10000

0

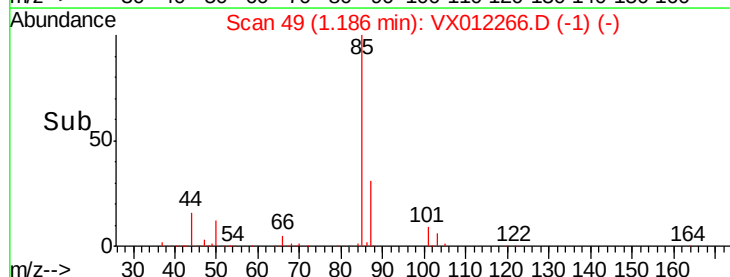
1.15

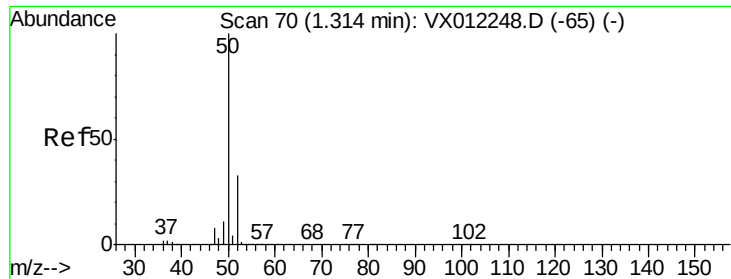
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 47.863 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

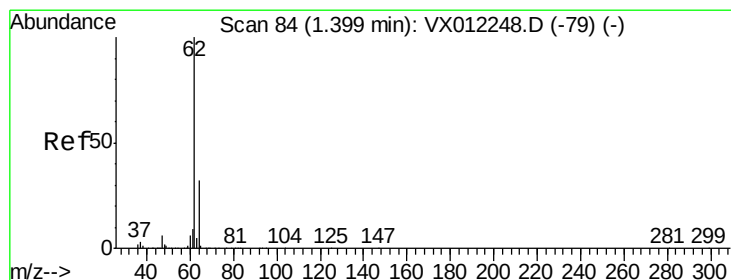
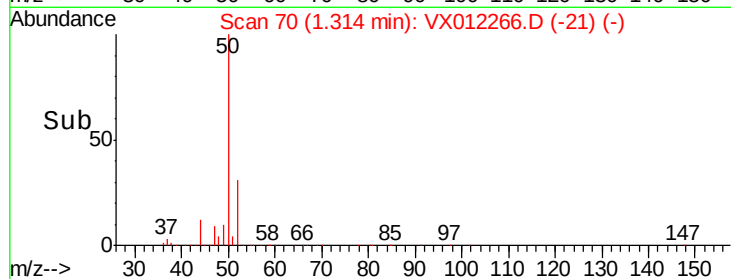
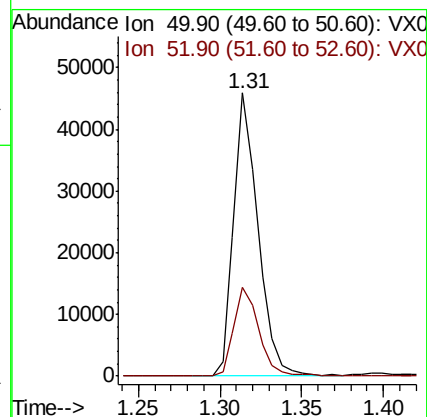
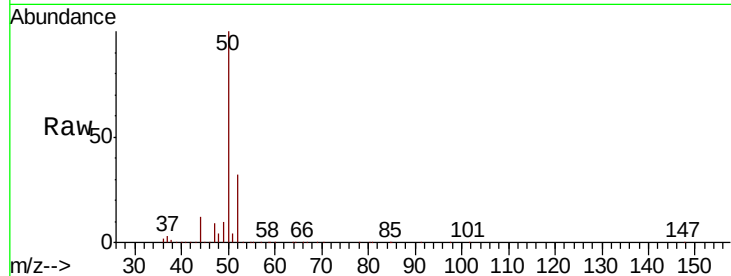
VSTDCCC050EC

Tgt Ion: 50 Resp: 47647

Ion Ratio Lower Upper

50 100

52 31.4 26.7 40.1



#4

Vinyl Chloride

Concen: 47.545 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.01 min

Lab File: VX012266.D

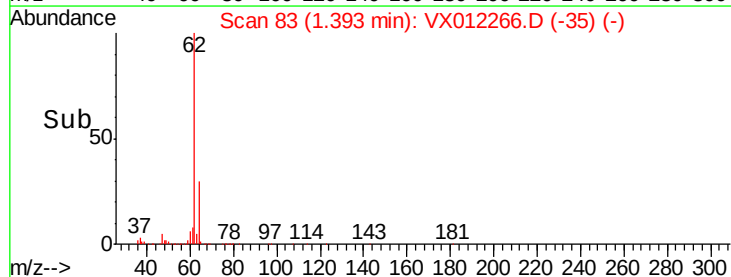
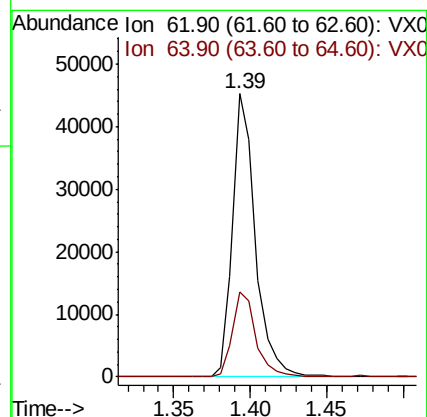
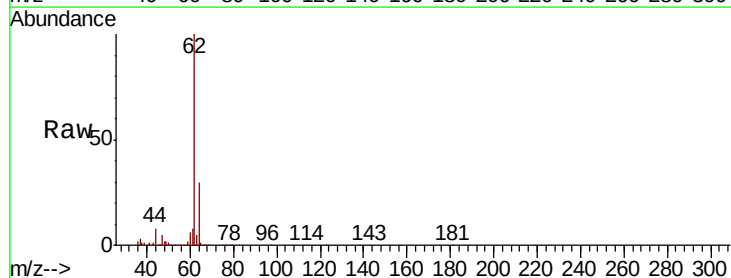
Acq: 10 Sep 2019 20:11

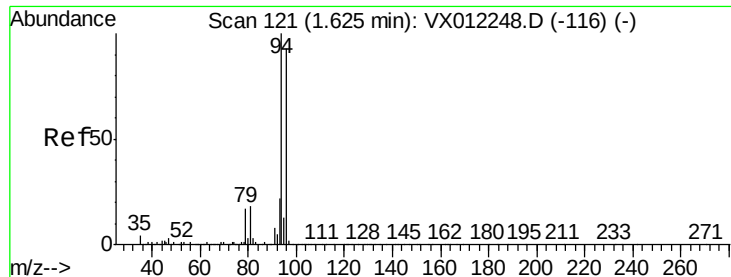
Tgt Ion: 62 Resp: 46929

Ion Ratio Lower Upper

62 100

64 29.9 25.5 38.3





#5

Bromomethane

Concen: 73.399 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

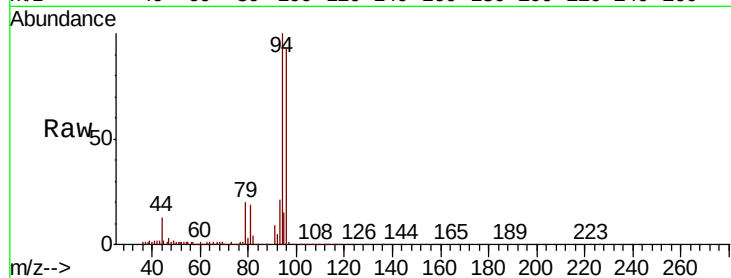
VSTDCCC050EC

Tgt Ion: 94 Resp: 28496

Ion Ratio Lower Upper

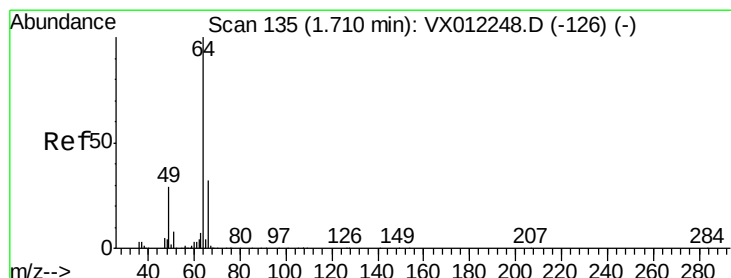
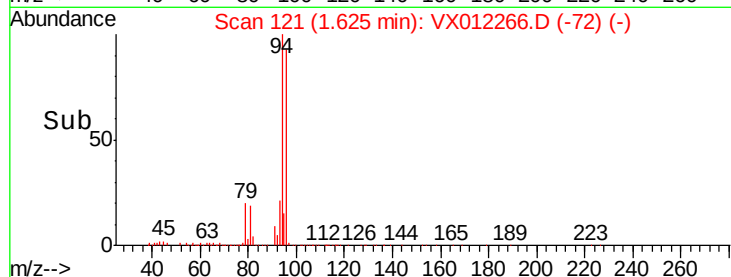
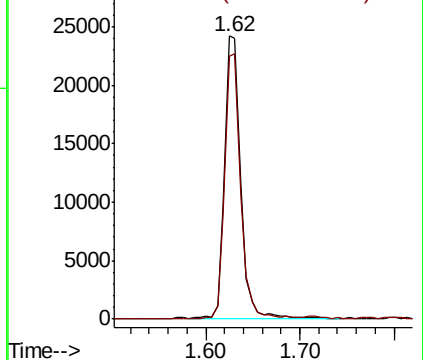
94 100

96 93.2 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.157 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012266.D

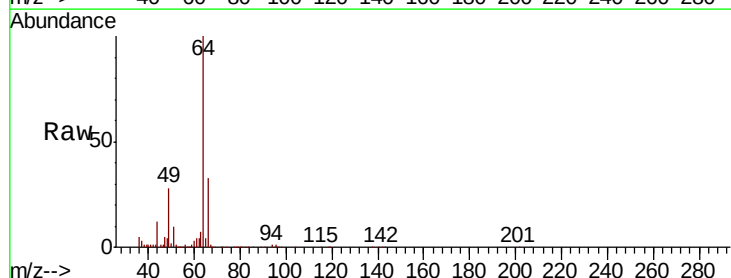
Acq: 10 Sep 2019 20:11

Tgt Ion: 64 Resp: 30465

Ion Ratio Lower Upper

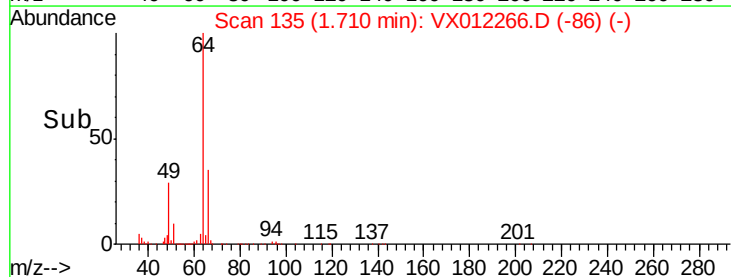
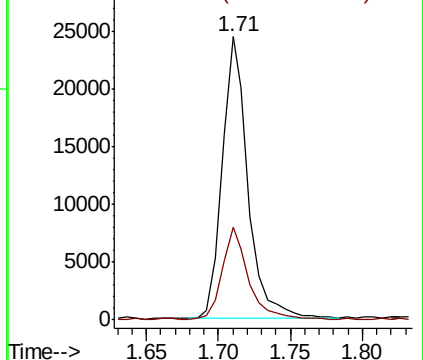
64 100

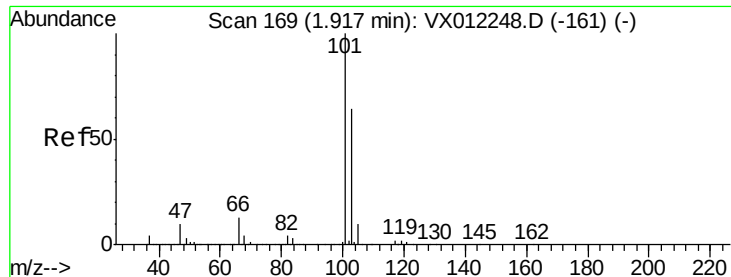
66 32.5 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



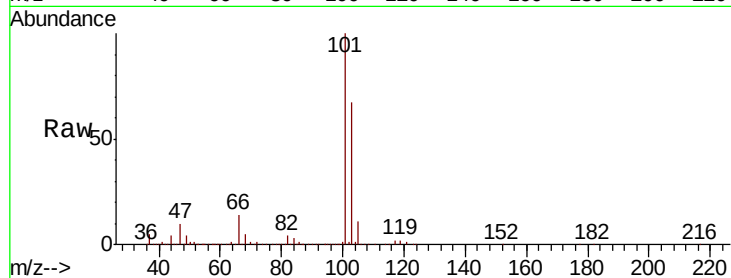


#7

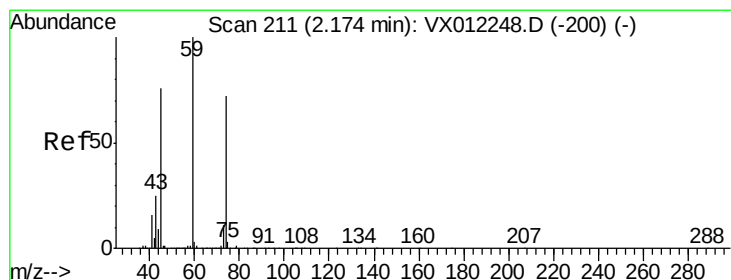
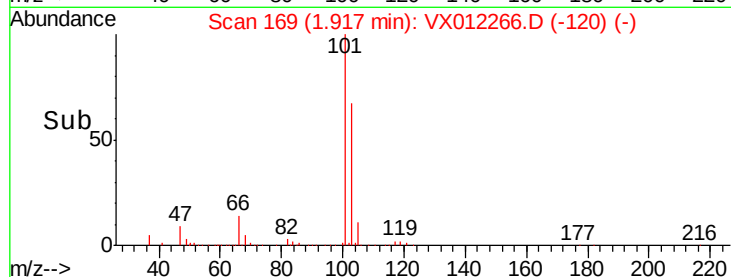
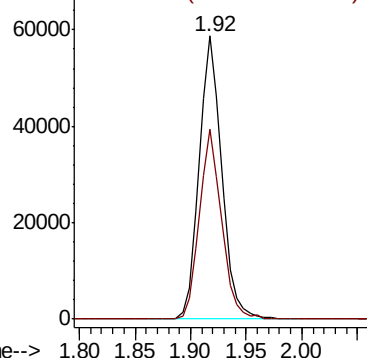
Trichlorofluoromethane
Concen: 46.324 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 101 Resp: 82751
Ion Ratio Lower Upper
101 100
103 67.0 51.4 77.2



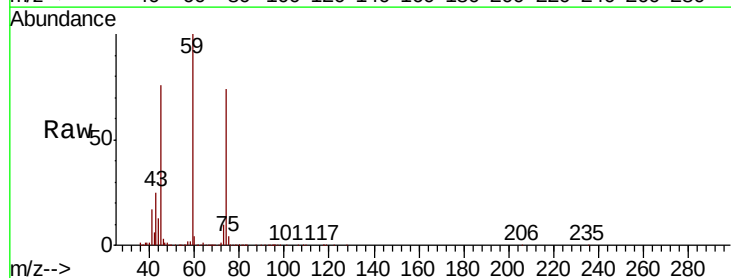
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



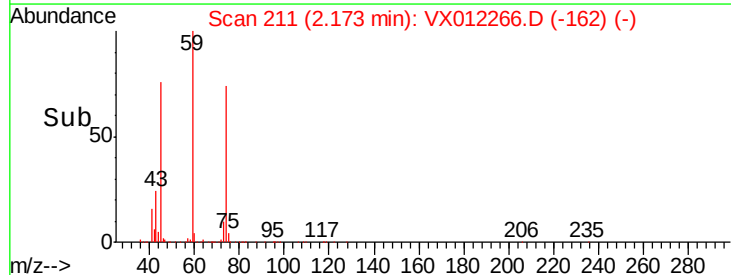
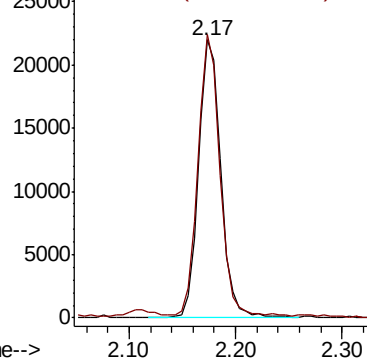
#8

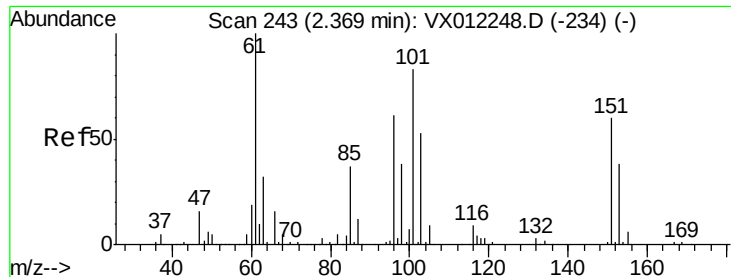
Diethyl Ether
Concen: 53.296 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

Tgt Ion: 74 Resp: 32487
Ion Ratio Lower Upper
74 100
45 98.1 51.3 153.9



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.254 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012266.D

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VSTDCCC050EC

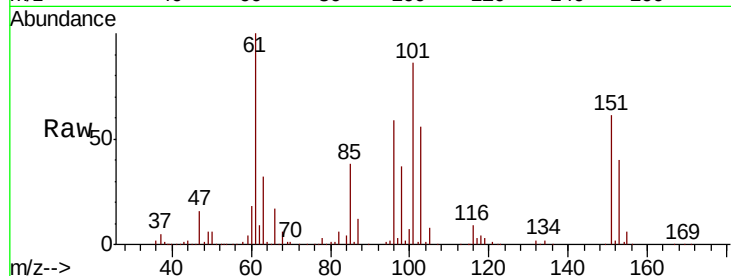
Tgt Ion:101 Resp: 60504

Ion Ratio Lower Upper

101 100

85 45.1 37.0 55.6

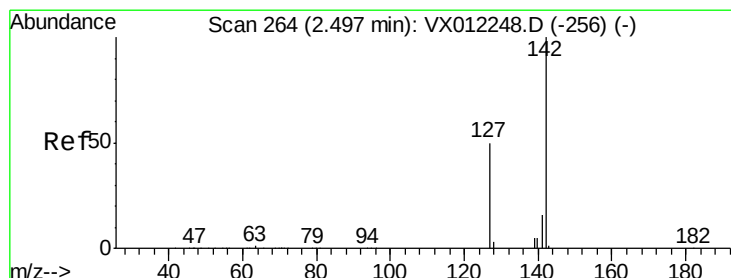
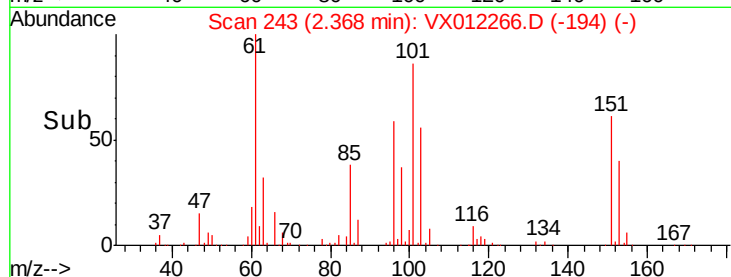
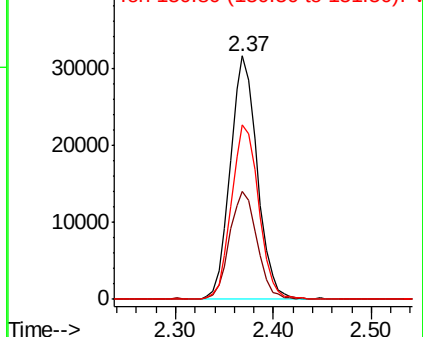
151 72.7 58.6 87.8



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: 40.429 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

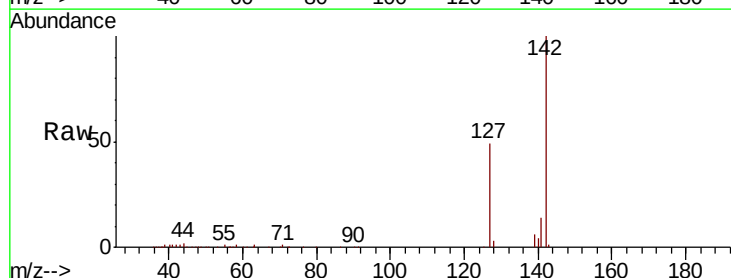
Tgt Ion:142 Resp: 46327

Ion Ratio Lower Upper

142 100

127 50.7 40.6 61.0

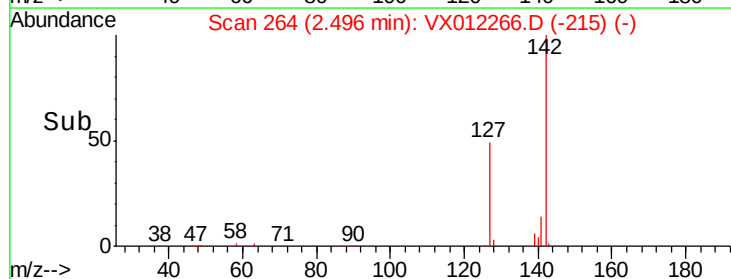
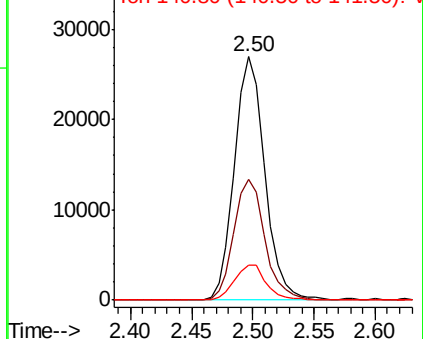
141 15.1 12.0 18.0

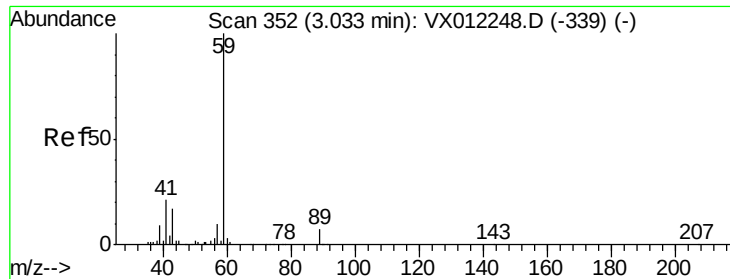


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

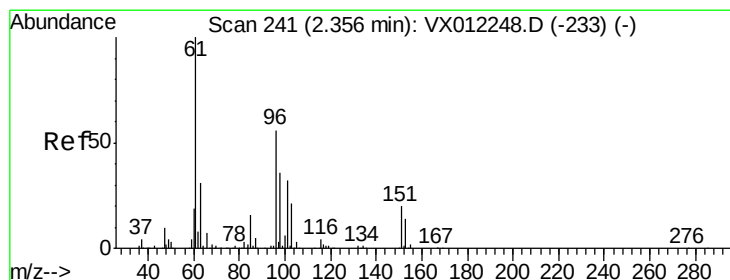
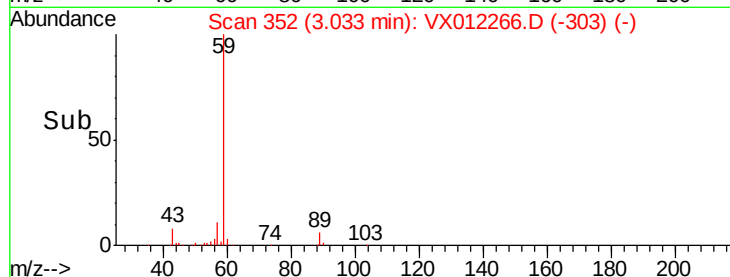
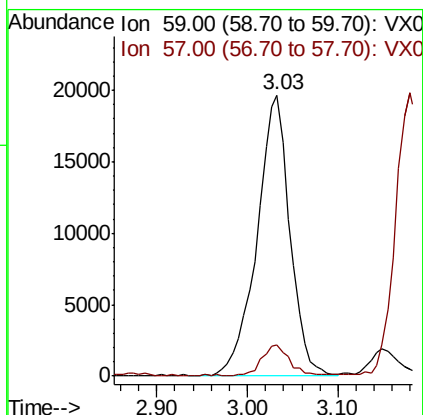
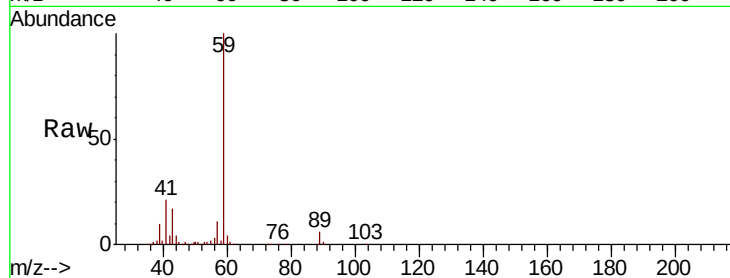




#11
Tert butyl alcohol
Concen: 243.865 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

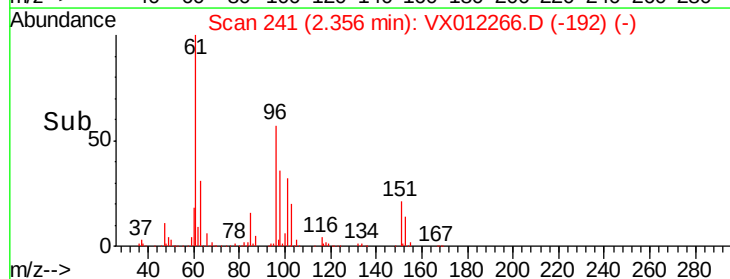
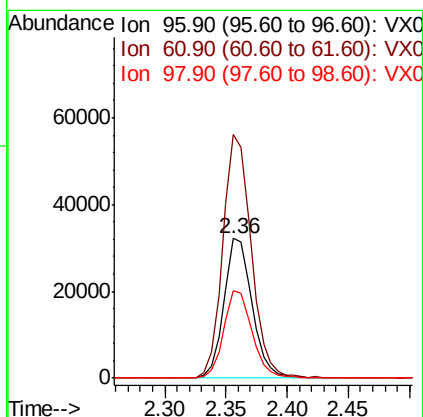
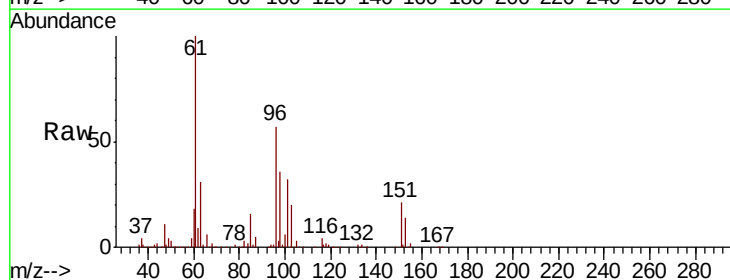
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

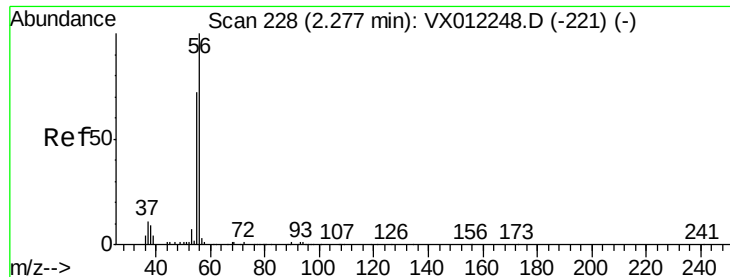
Tgt Ion: 59 Resp: 49498
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.6



#12
1,1-Dichloroethene
Concen: 49.651 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

Tgt Ion: 96 Resp: 50750
Ion Ratio Lower Upper
96 100
61 174.6 142.2 213.2
98 62.6 51.3 76.9





#13

Acrolein

Concen: 193.898 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

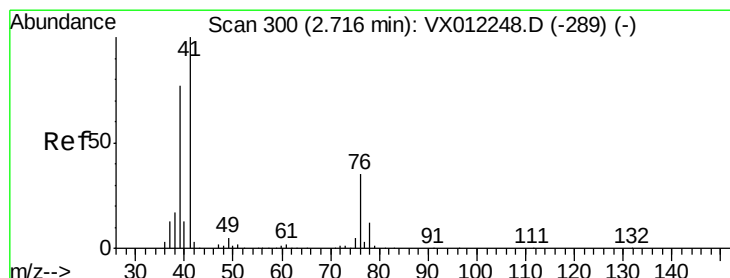
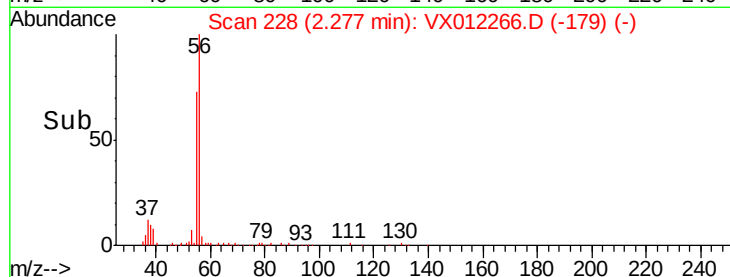
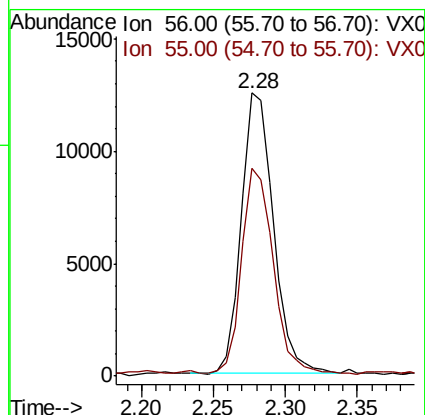
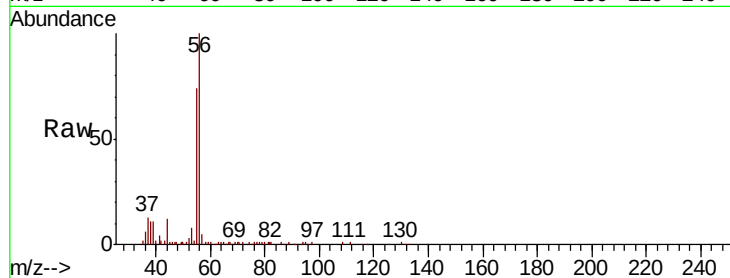
VSTDCCC050EC

Tgt Ion: 56 Resp: 19357

Ion Ratio Lower Upper

56 100

55 71.9 59.8 89.6



#14

Allyl chloride

Concen: 49.944 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

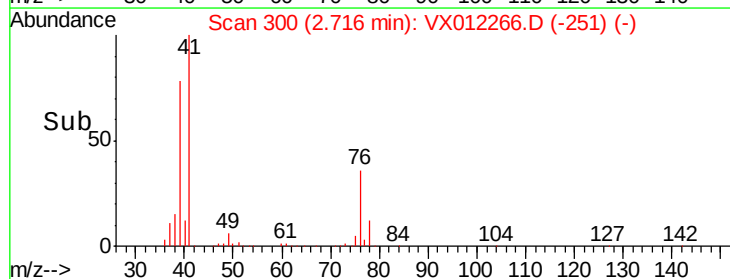
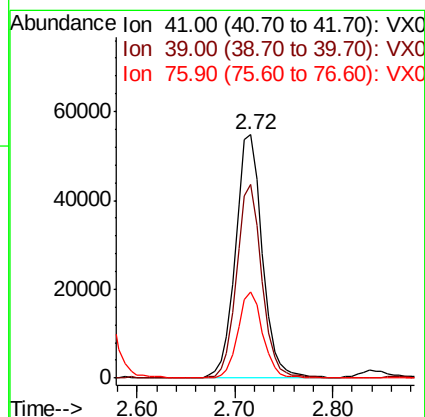
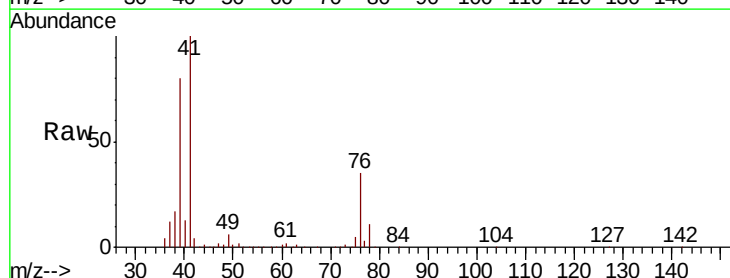
Tgt Ion: 41 Resp: 104078

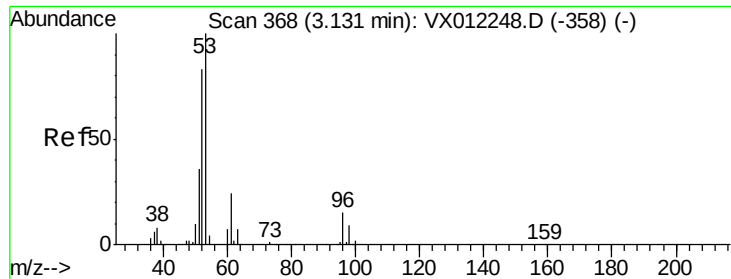
Ion Ratio Lower Upper

41 100

39 74.7 58.6 87.8

76 33.1 26.3 39.5





#15

Acrylonitrile

Concen: 266.373 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

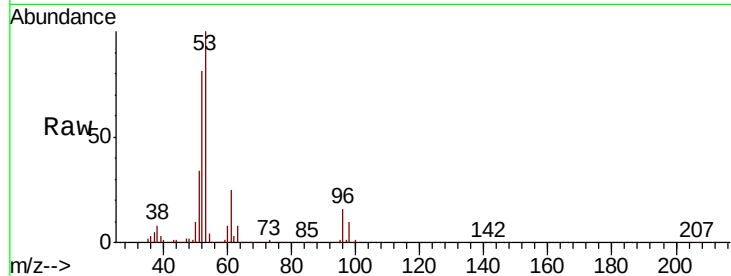
Tgt Ion: 53 Resp: 100370

Ion Ratio Lower Upper

53 100

52 82.5 66.8 100.2

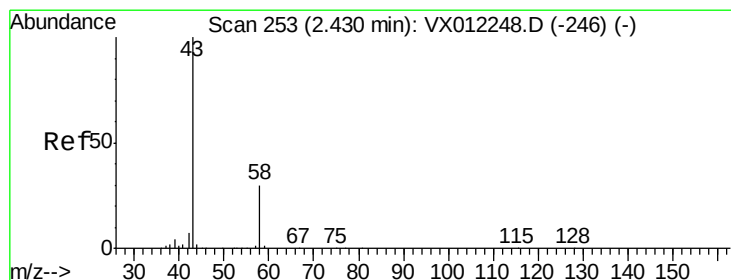
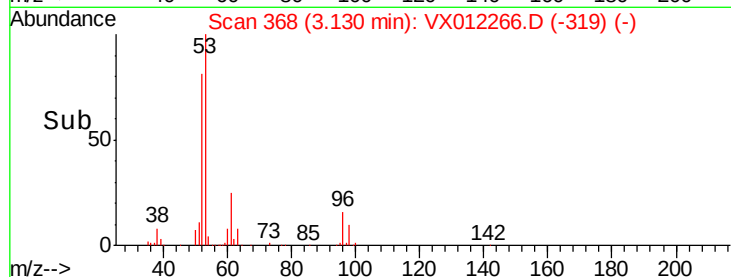
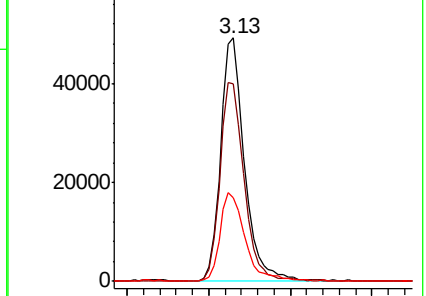
51 38.1 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 212.691 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012266.D

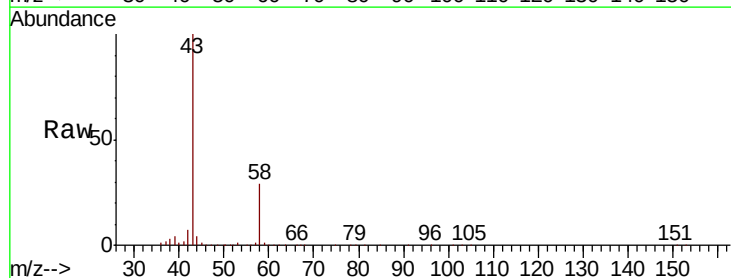
Acq: 10 Sep 2019 20:11

Tgt Ion: 43 Resp: 96156

Ion Ratio Lower Upper

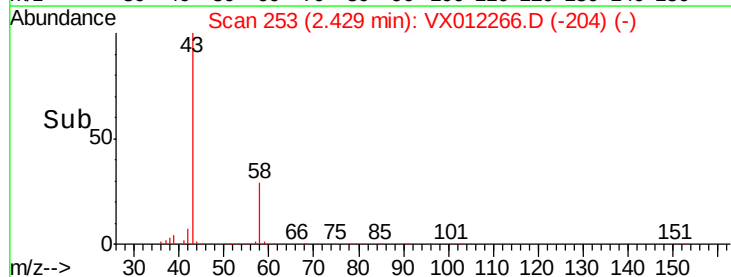
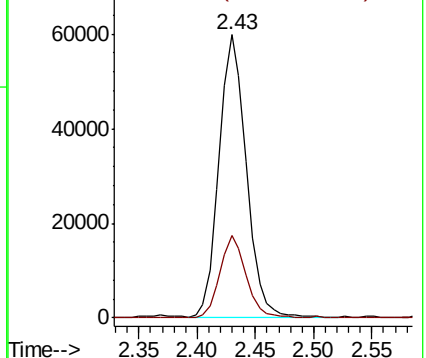
43 100

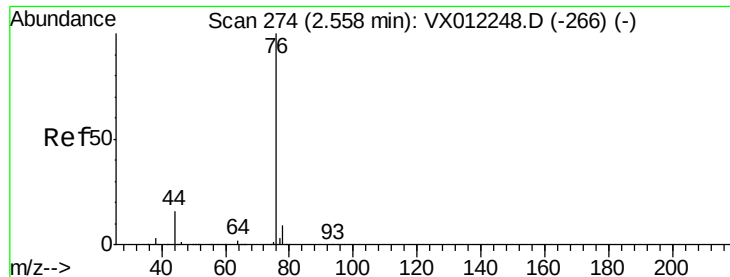
58 29.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

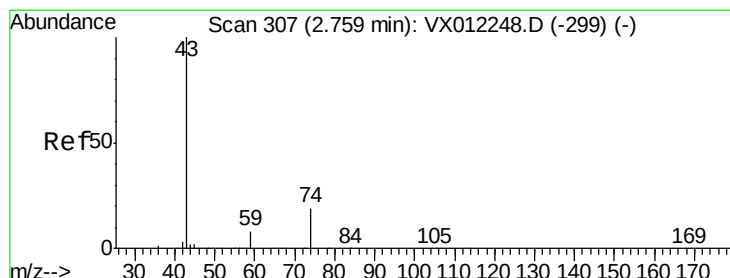
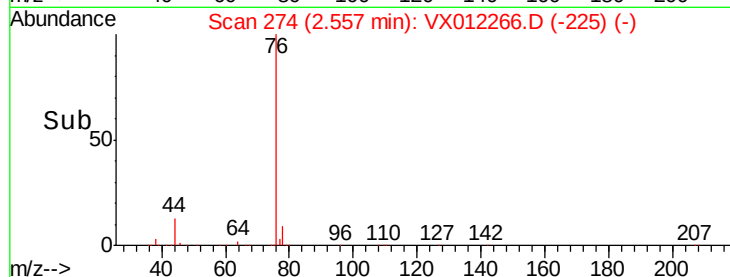
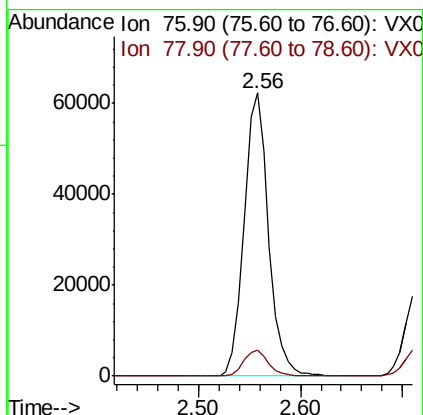
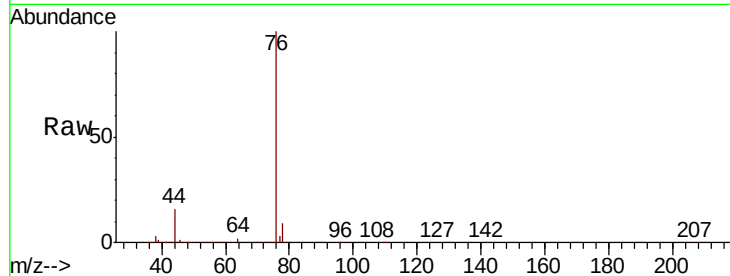




#17
Carbon Disulfide
Concen: 48.114 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

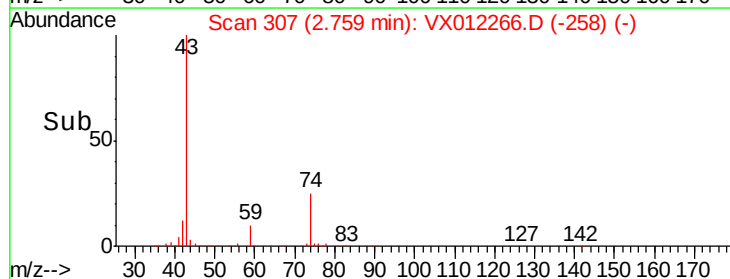
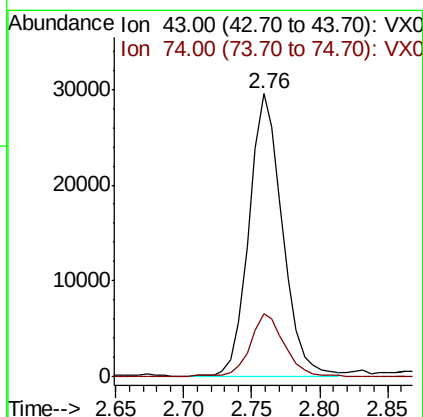
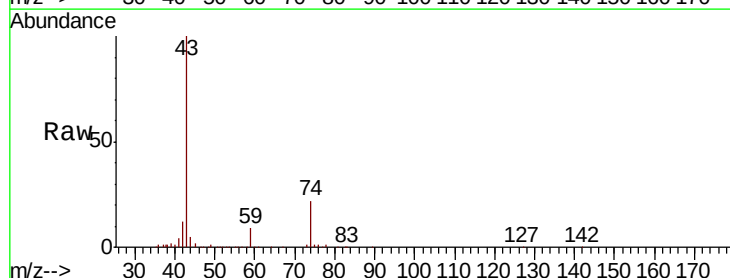
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

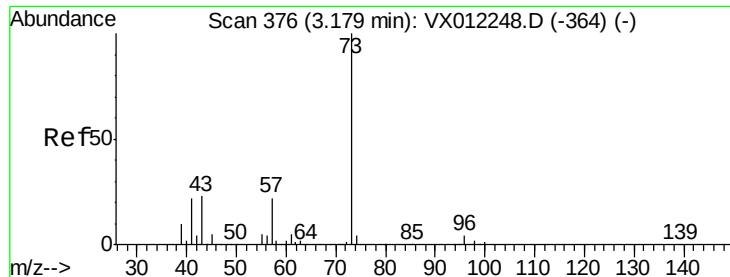
Tgt Ion: 76 Resp: 103272
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 53.259 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

Tgt Ion: 43 Resp: 50609
Ion Ratio Lower Upper
43 100
74 23.8 18.3 27.5

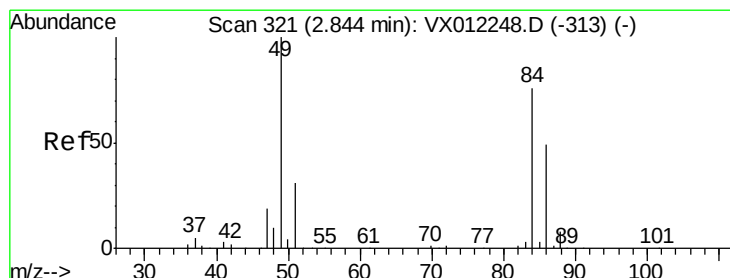
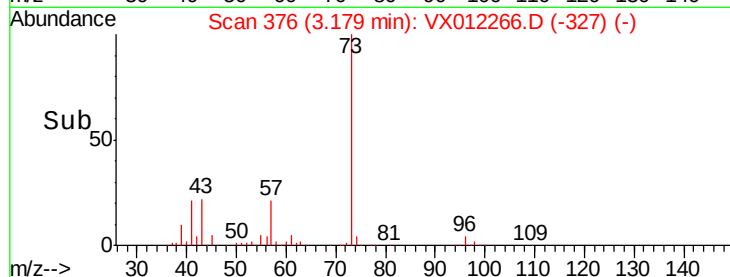
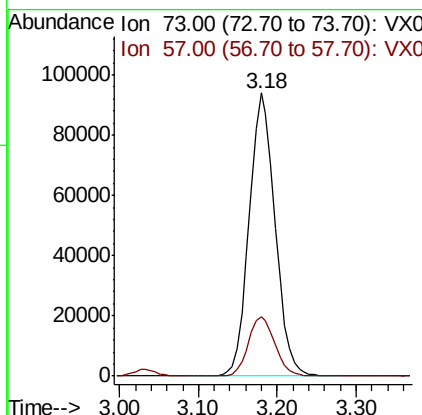
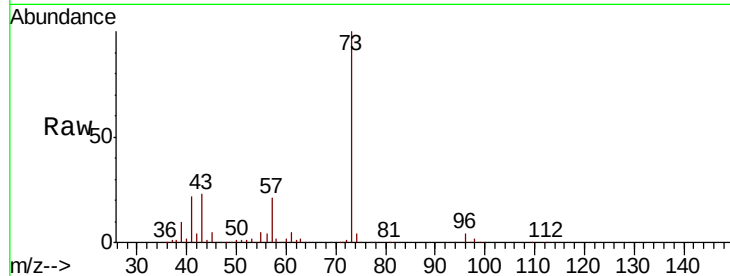




#19
Methyl tert-butyl Ether
Concen: 53.208 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

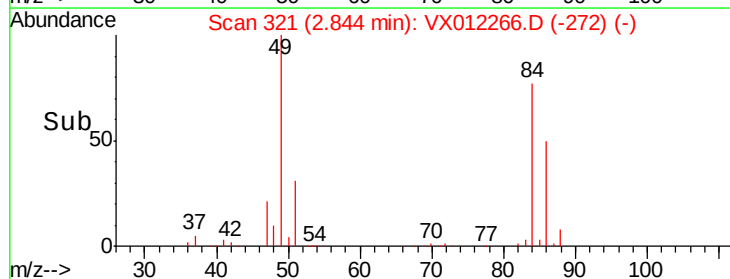
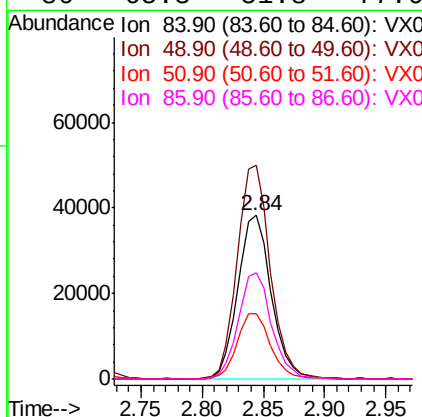
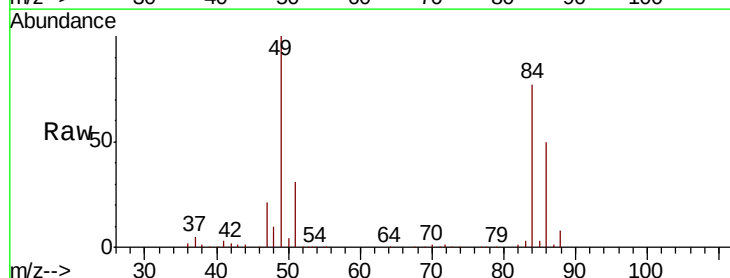
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

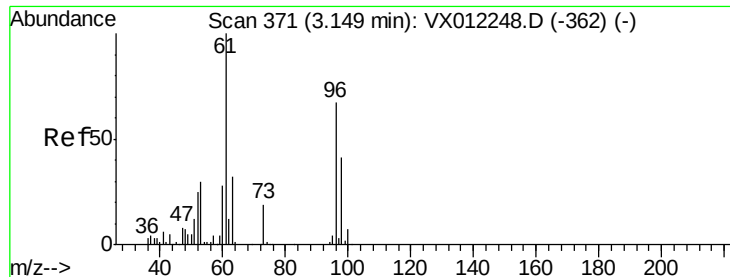
Tgt Ion: 73 Resp: 214775
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5



#20
Methylene Chloride
Concen: 51.518 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

Tgt Ion: 84 Resp: 72551
Ion Ratio Lower Upper
84 100
49 130.5 105.0 157.6
51 40.2 32.6 48.8
86 65.3 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 49.481 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

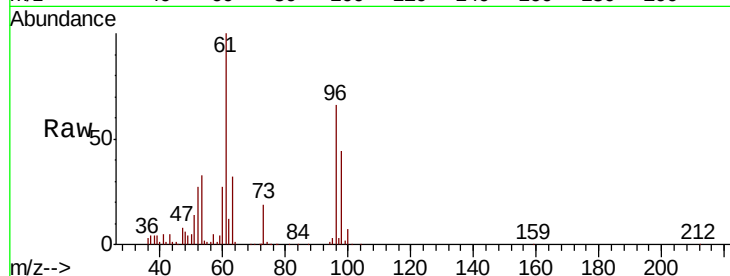
Tgt Ion: 96 Resp: 60341

Ion Ratio Lower Upper

96 100

61 151.1 119.4 179.2

98 66.3 48.4 72.6

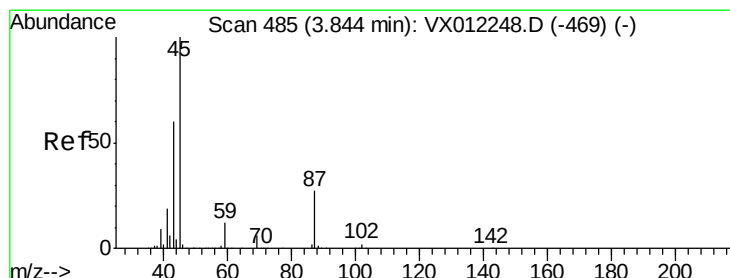
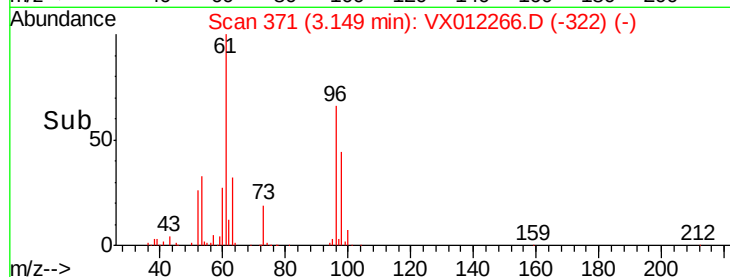
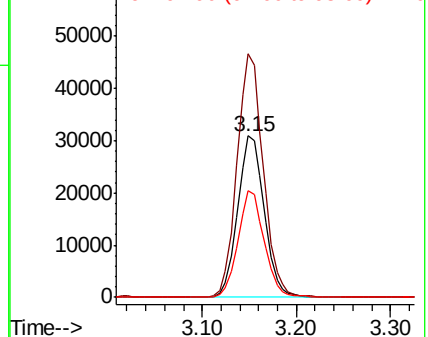


Abundance

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: 52.304 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Tgt Ion: 45 Resp: 249273

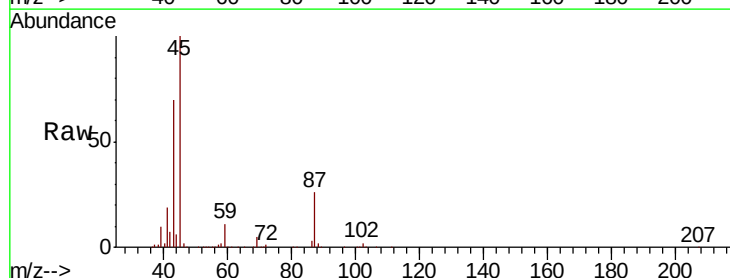
Ion Ratio Lower Upper

45 100

43 70.1 48.3 72.5

87 26.5 21.8 32.8

59 10.9 9.1 13.7



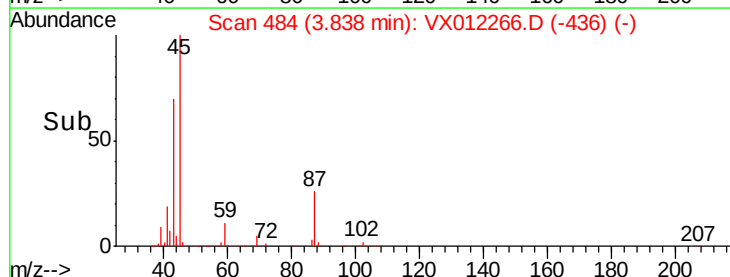
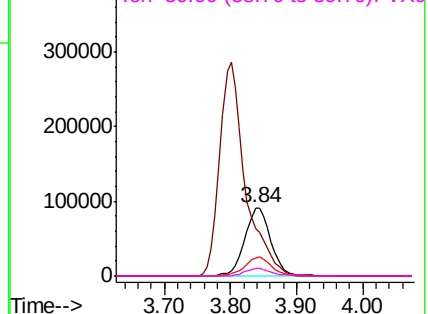
Abundance

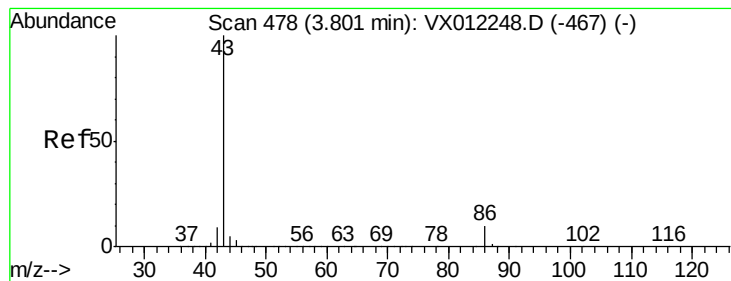
Ion 45.00 (44.70 to 45.70): VX0

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: 263.250 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

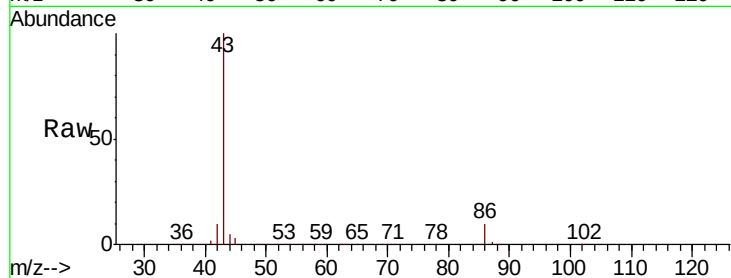
VSTDCCC050EC

Tgt Ion: 43 Resp: 769751

Ion Ratio Lower Upper

43 100

86 10.2 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

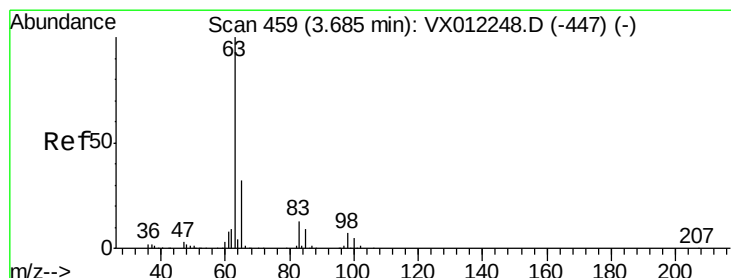
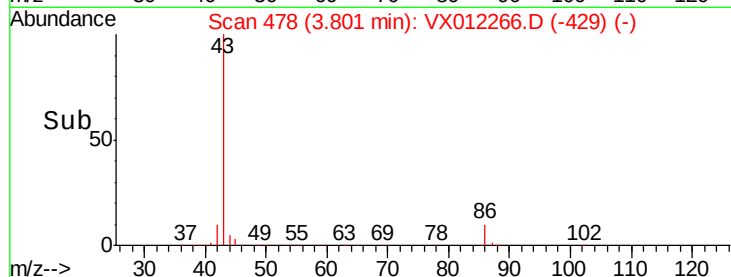
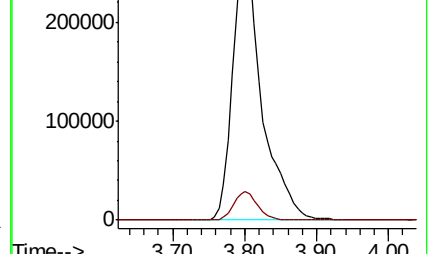
300000

200000

100000

0

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 51.748 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

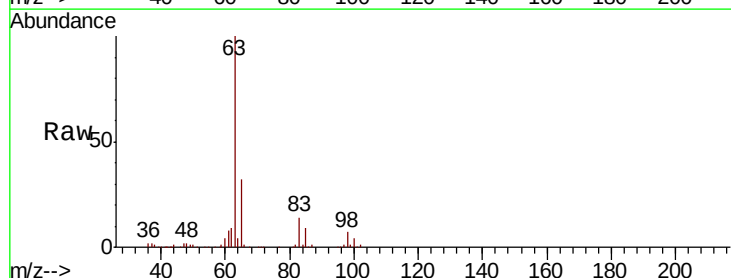
Tgt Ion: 63 Resp: 132101

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

100 3.9 2.4 7.2



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

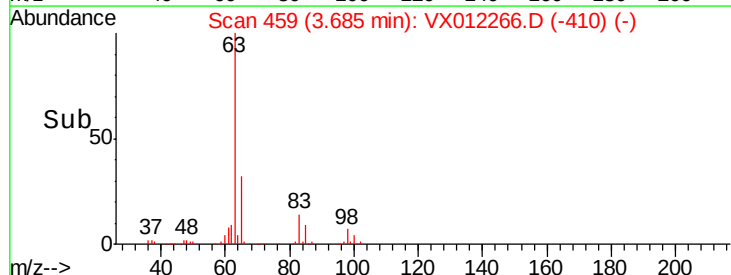
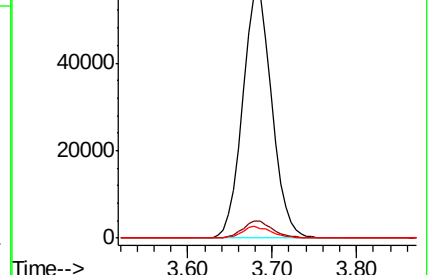
60000

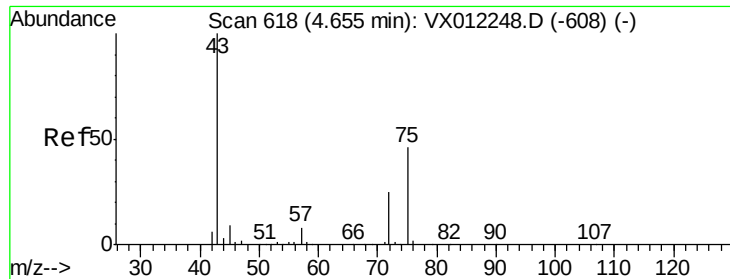
40000

20000

0

3.60 3.70 3.80





#25

2-Butanone

Concen: 245.784 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

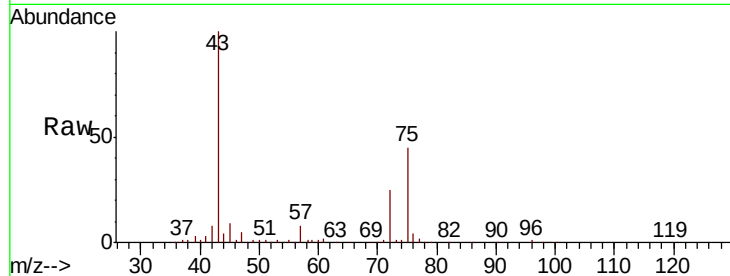
VSTDCCC050EC

Tgt Ion: 43 Resp: 142047

Ion Ratio Lower Upper

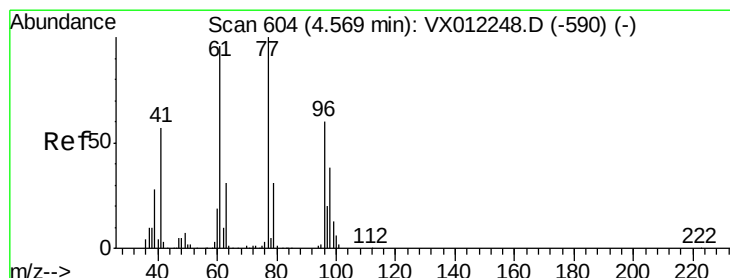
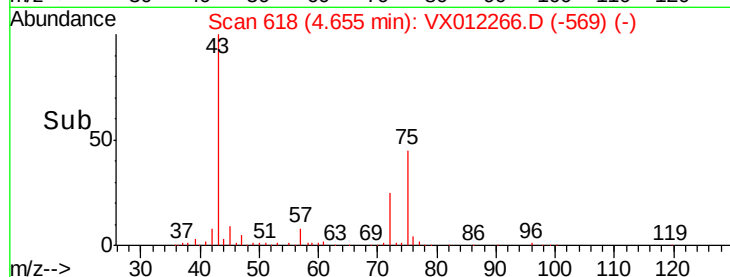
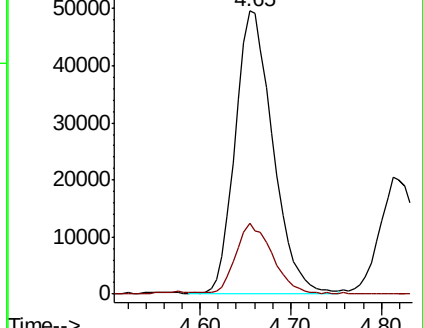
43 100

72 24.8 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.952 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012266.D

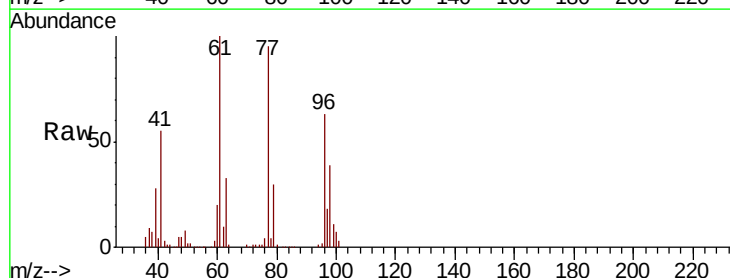
Acq: 10 Sep 2019 20:11

Tgt Ion: 77 Resp: 110133

Ion Ratio Lower Upper

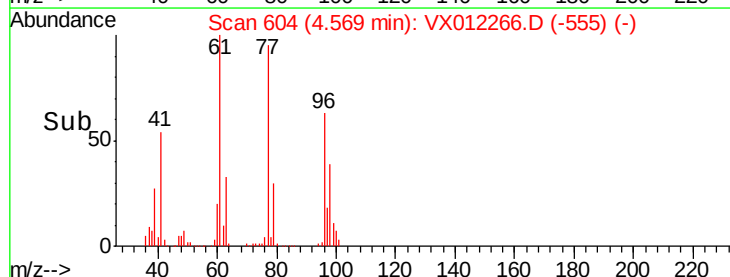
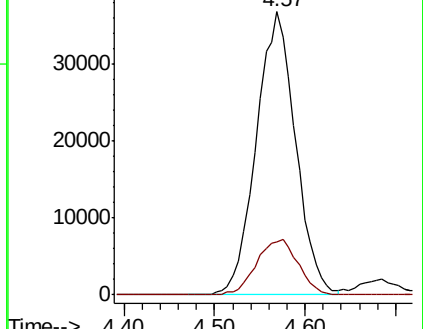
77 100

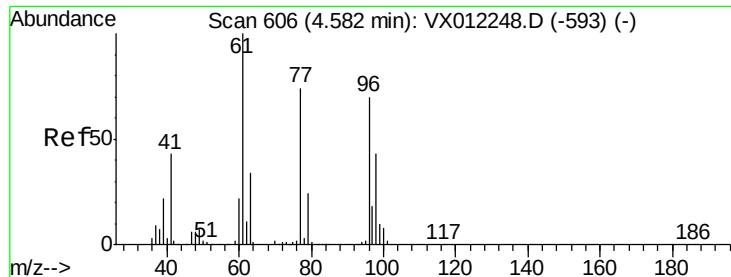
97 20.8 10.7 32.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



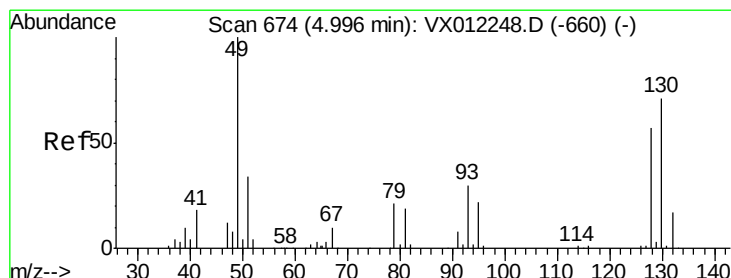
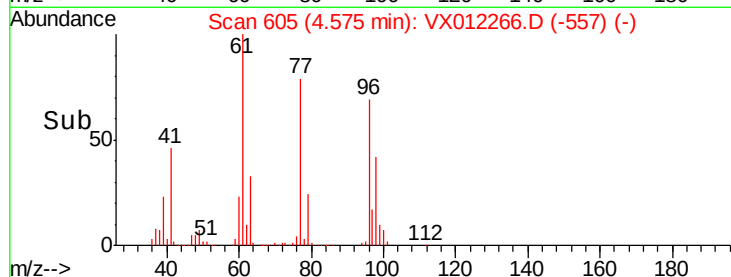
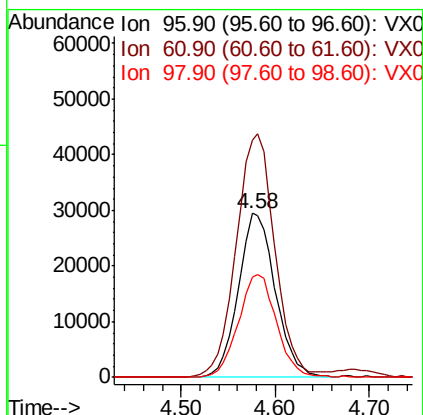
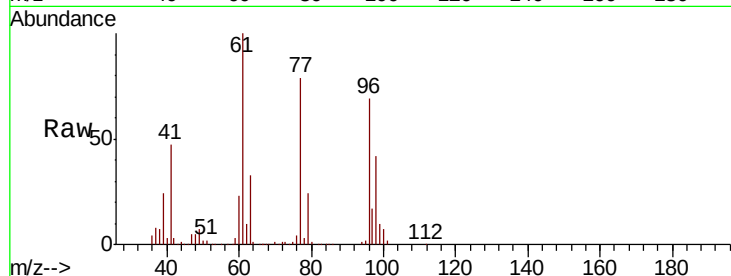


#27

cis-1,2-Dichloroethene
 Concen: 51.586 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

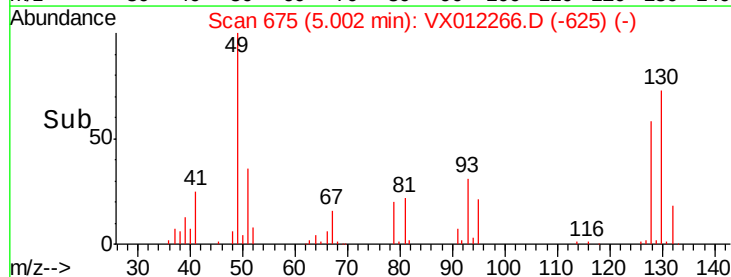
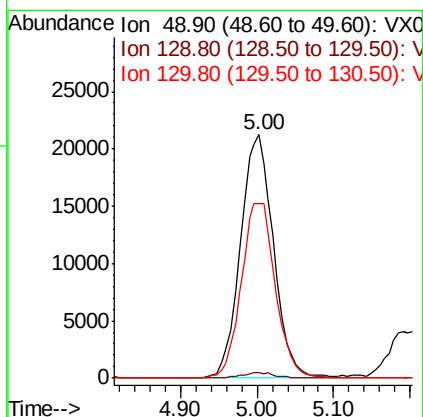
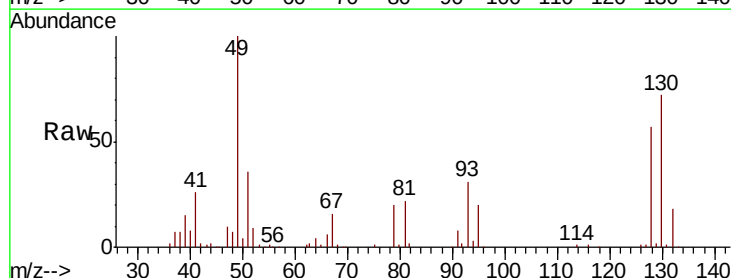
Tgt Ion: 96 Resp: 81216
 Ion Ratio Lower Upper
 96 100
 61 155.1 0.0 310.4
 98 64.3 0.0 128.8

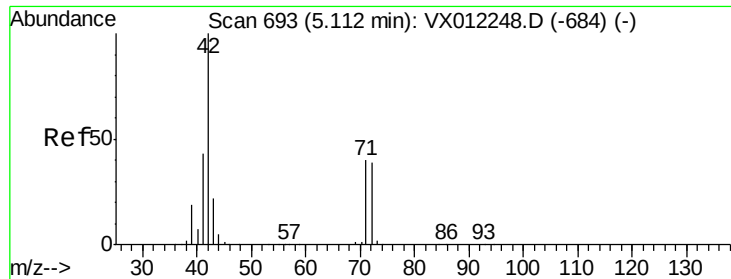


#28

Bromochloromethane
 Concen: 52.635 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.01 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

Tgt Ion: 49 Resp: 63017
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 5.2
 130 75.1 60.1 90.1

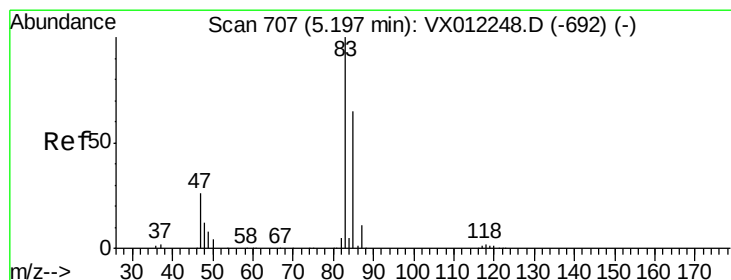
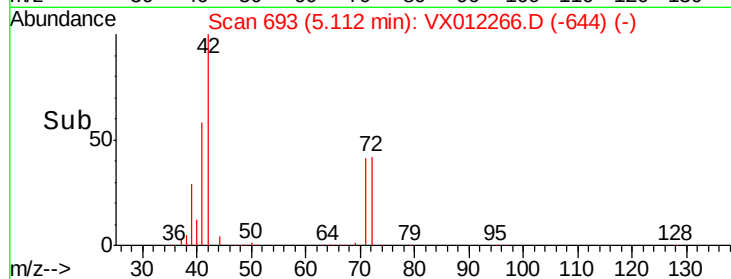
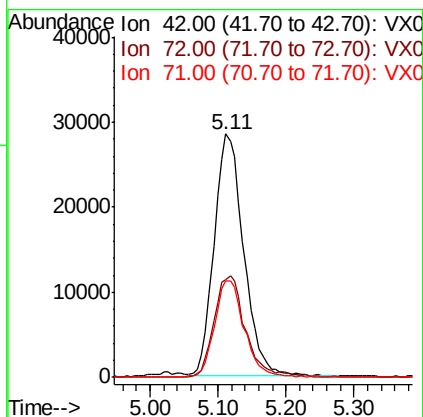
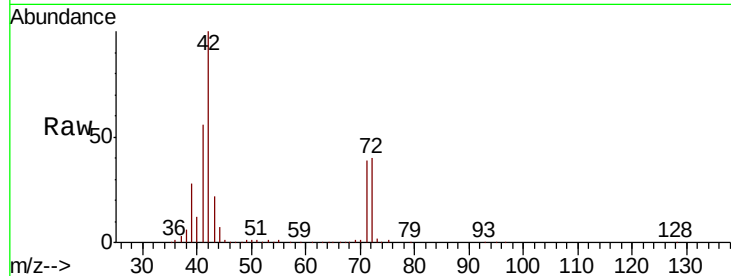




#29
Tetrahydrofuran
Concen: 276.339 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

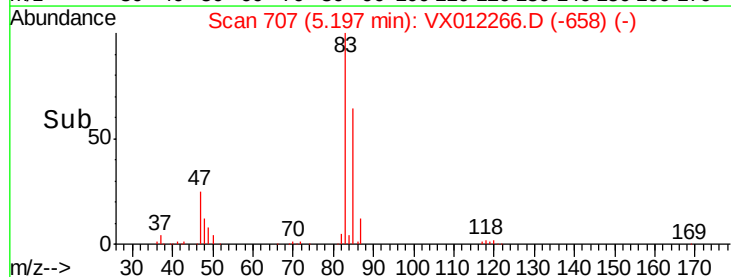
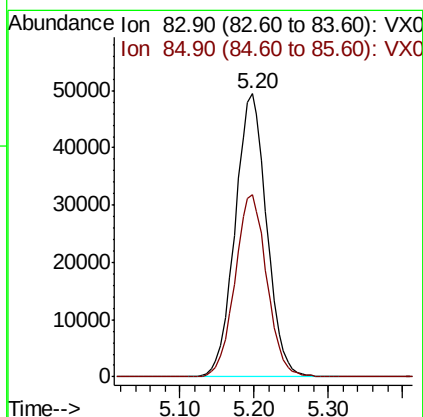
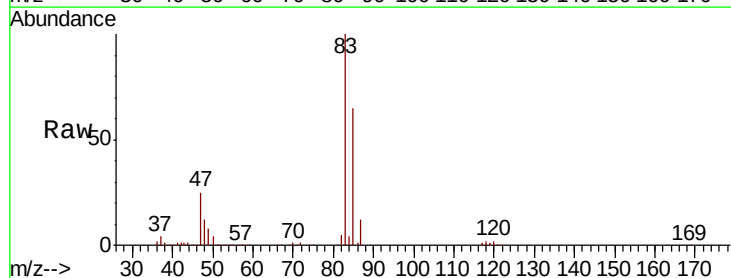
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

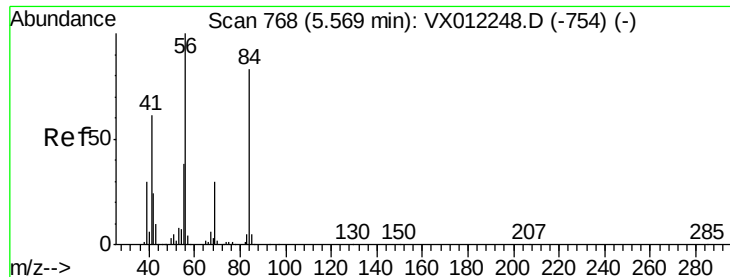
Tgt Ion: 42 Resp: 86168
Ion Ratio Lower Upper
42 100
72 44.8 35.2 52.8
71 40.1 32.5 48.7



#30
Chloroform
Concen: 51.079 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

Tgt Ion: 83 Resp: 147037
Ion Ratio Lower Upper
83 100
85 64.6 52.3 78.5

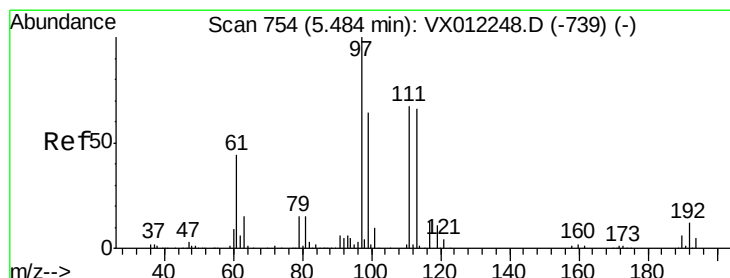
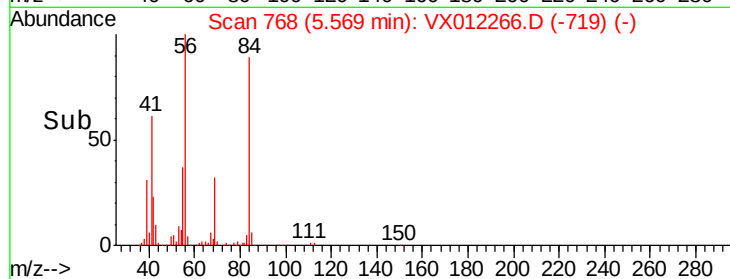
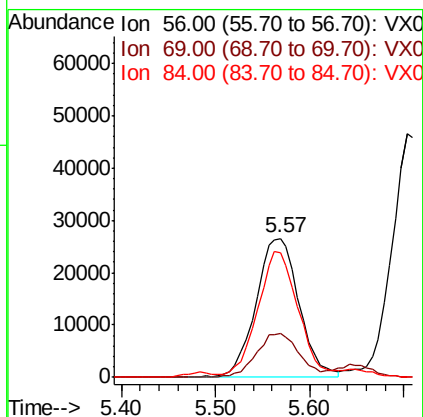
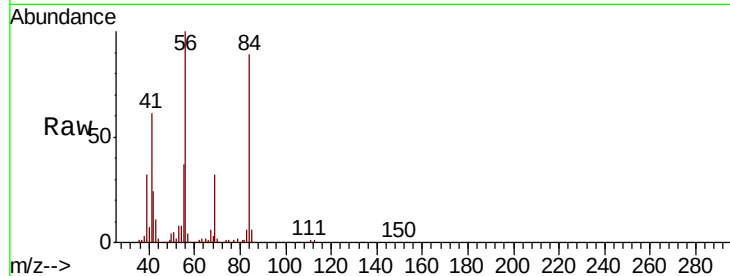




#31
Cyclohexane
Concen: 47.787 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

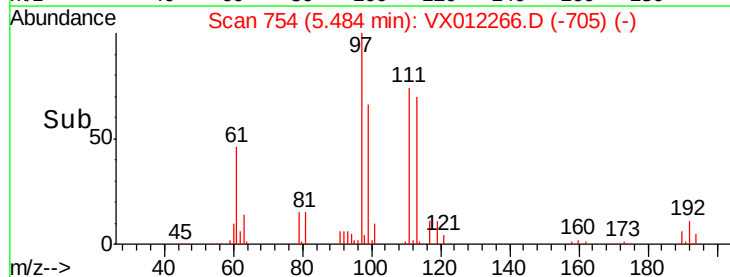
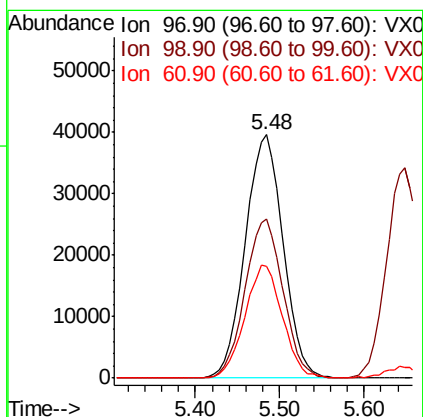
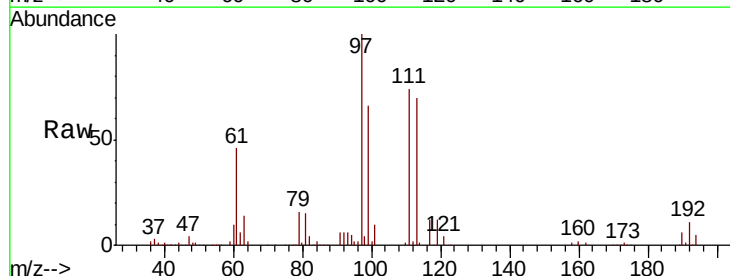
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

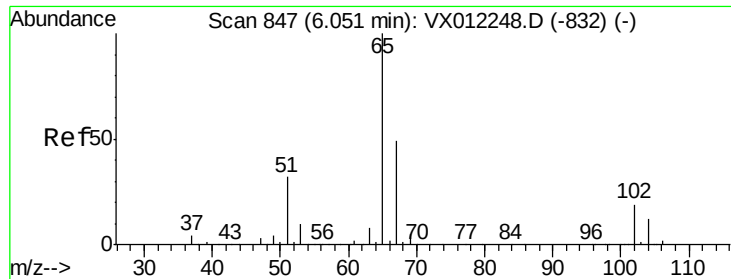
Tgt Ion: 56 Resp: 84740
Ion Ratio Lower Upper
56 100
69 31.6 23.8 35.6
84 86.5 66.6 100.0



#32
1,1,1-Trichloroethane
Concen: 49.131 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

Tgt Ion: 97 Resp: 121441
Ion Ratio Lower Upper
97 100
99 65.3 51.3 76.9
61 45.9 35.4 53.0

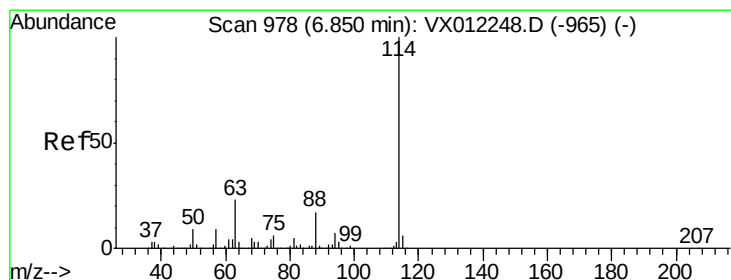
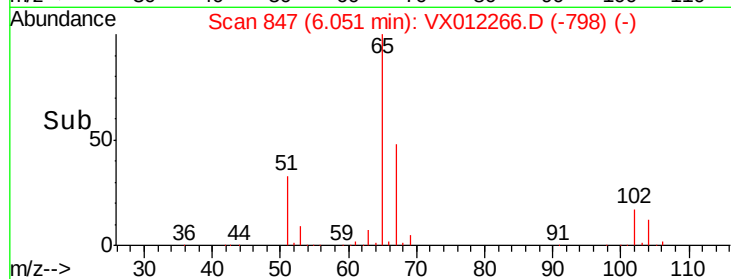
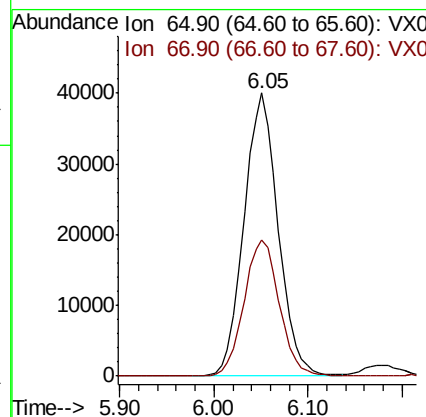
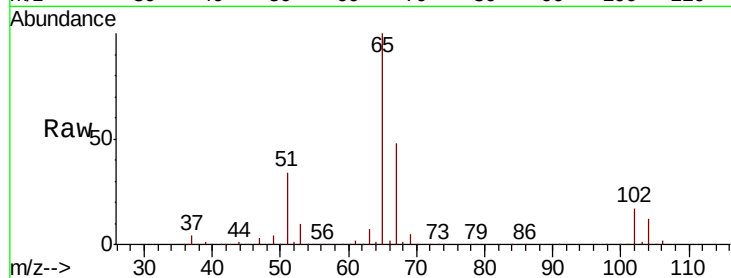




#33
 1,2-Dichloroethane-d4
 Concen: 53.202 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

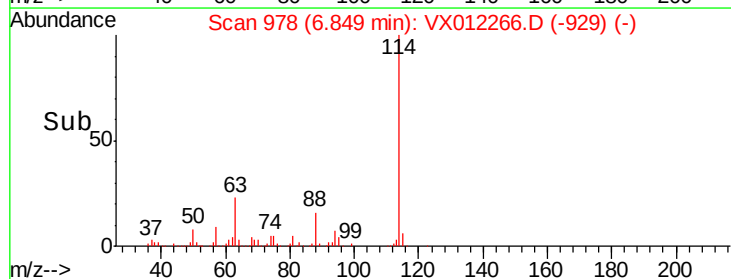
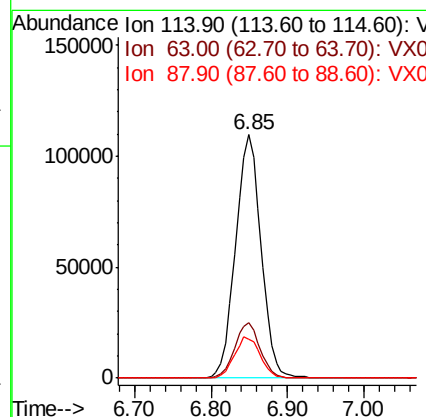
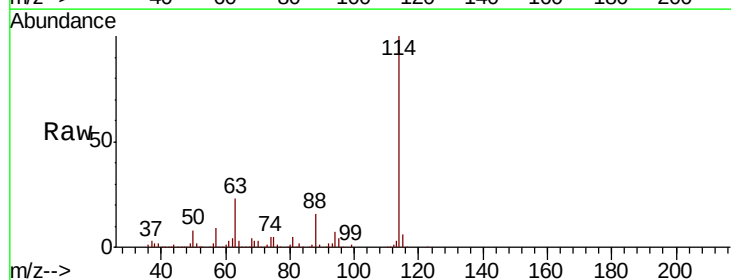
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

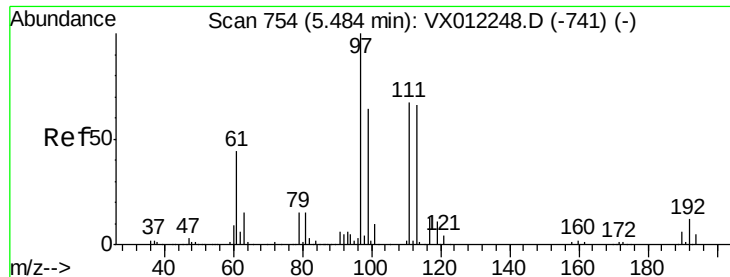
Tgt Ion: 65 Resp: 101602
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

Tgt Ion: 114 Resp: 253407
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.2
 88 15.8 0.0 34.8

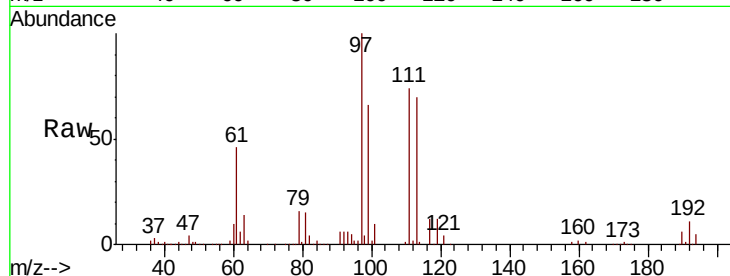




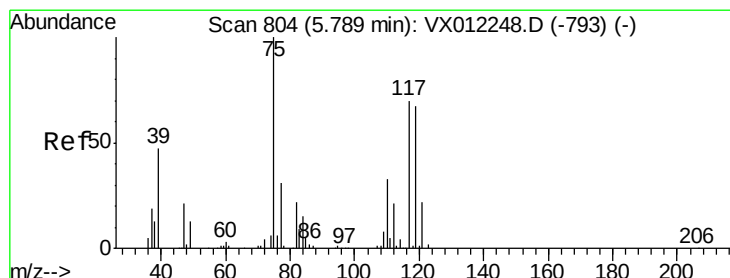
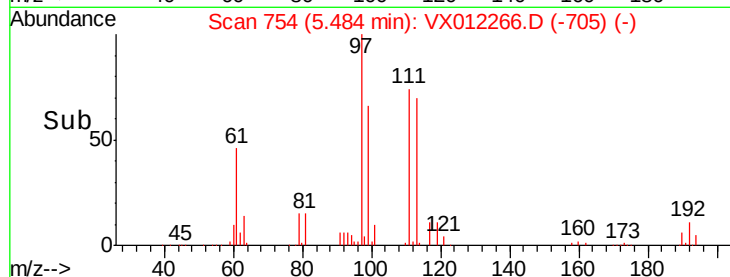
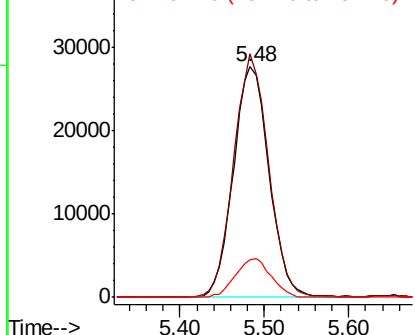
#35
 Dibromofluoromethane
 Concen: 48.935 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 113 Resp: 79492
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.0 124.6
 192 16.8 14.3 21.5

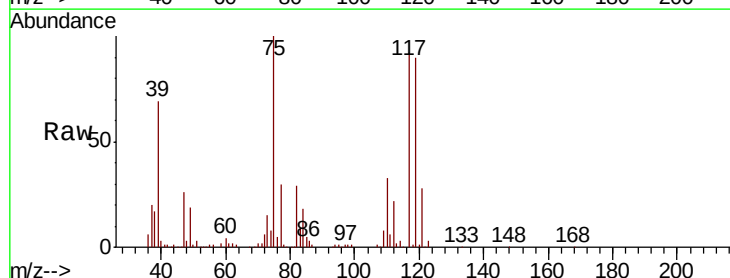


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

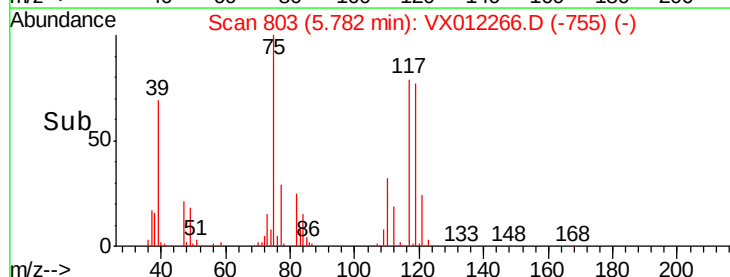
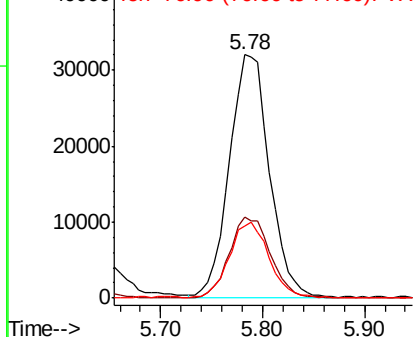


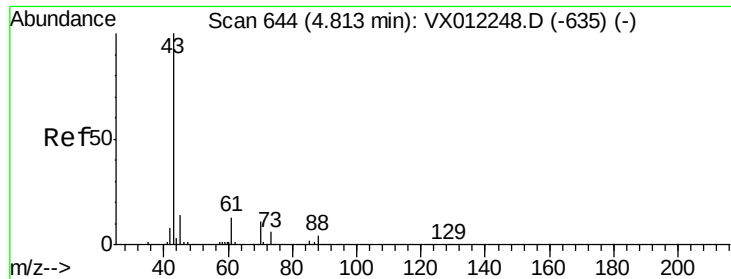
#36
 1,1-Dichloropropene
 Concen: 46.944 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

Tgt Ion: 75 Resp: 86741
 Ion Ratio Lower Upper
 75 100
 110 34.3 16.8 50.4
 77 31.5 24.5 36.7



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

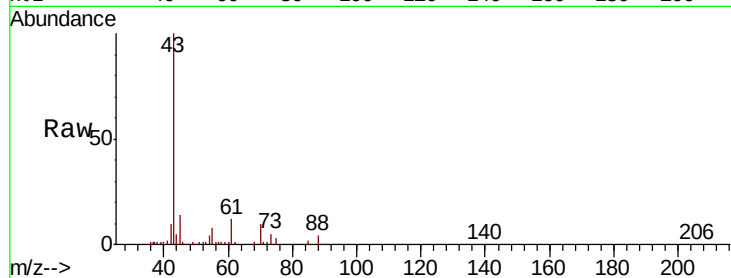




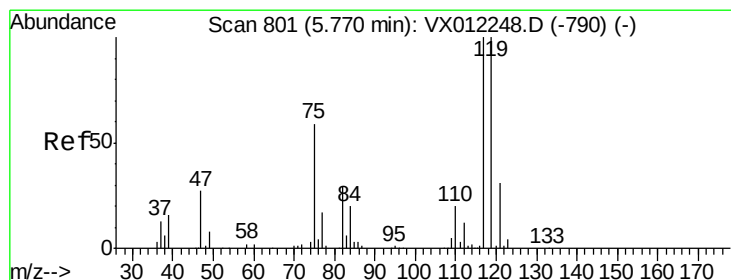
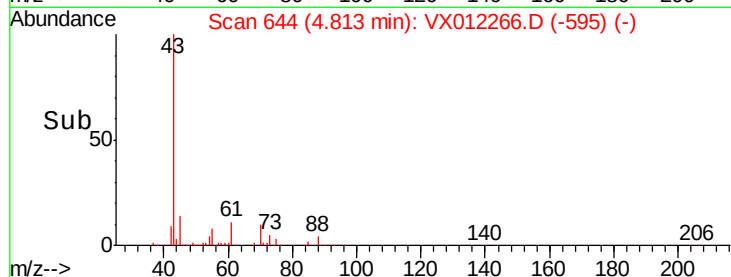
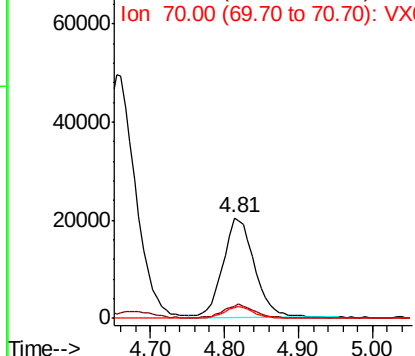
#37
 Ethyl Acetate
 Concen: 52.652 ug/l
 RT: 4.81 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 60140
 Ion Ratio Lower Upper
 43 100
 61 14.1 10.3 15.5
 70 11.3 9.1 13.7

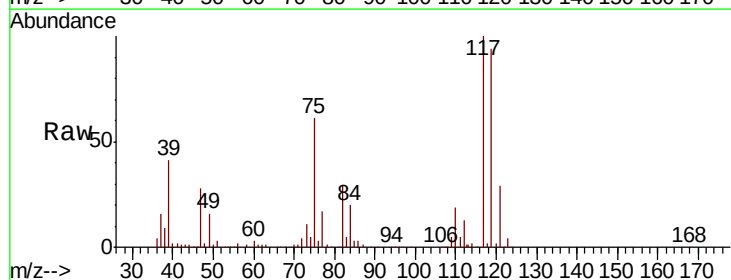


Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 70.00 (69.70 to 70.70): VX0

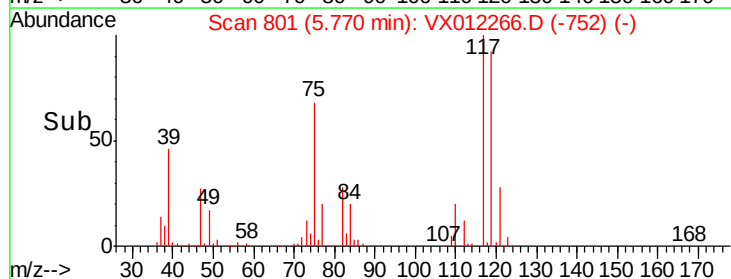
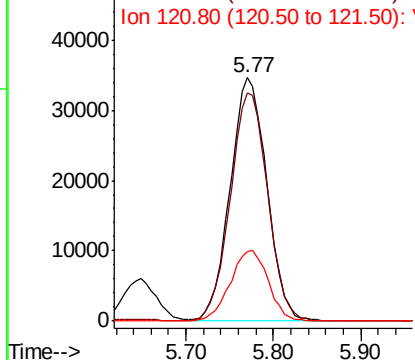


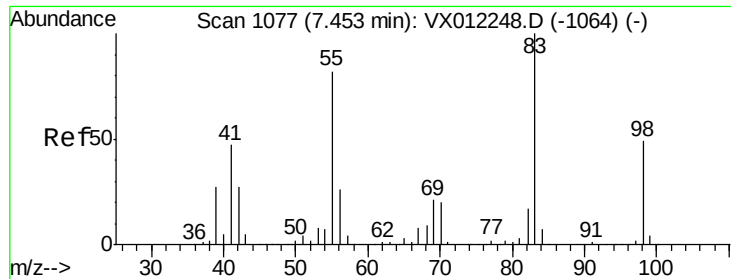
#38
 Carbon Tetrachloride
 Concen: 46.580 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

Tgt Ion: 117 Resp: 100982
 Ion Ratio Lower Upper
 117 100
 119 93.8 79.6 119.4
 121 28.6 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

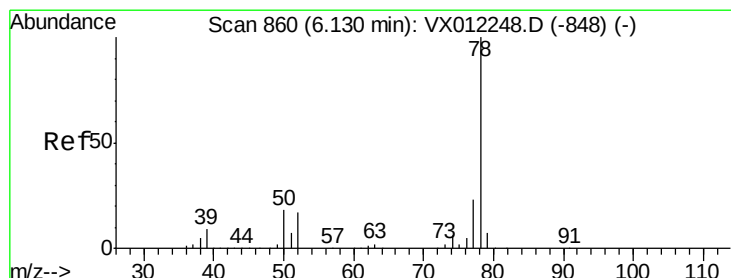
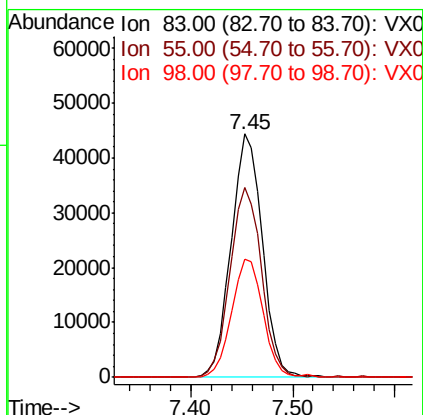
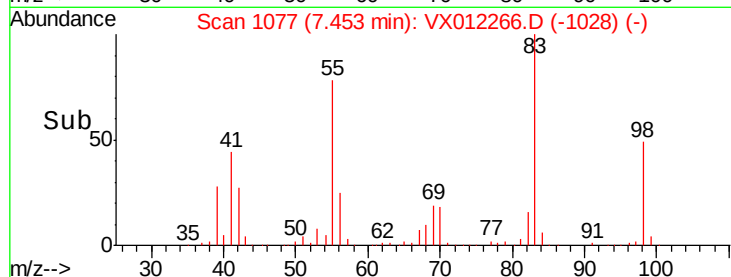
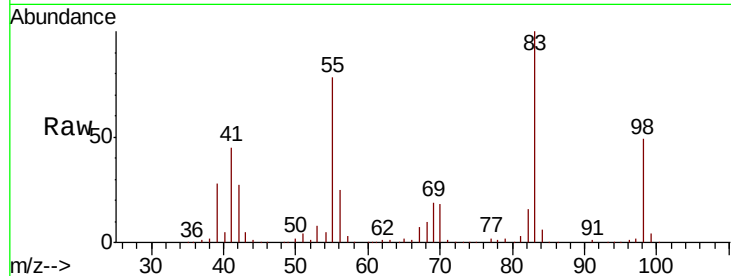




#39
Methylcyclohexane
Concen: 46.476 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

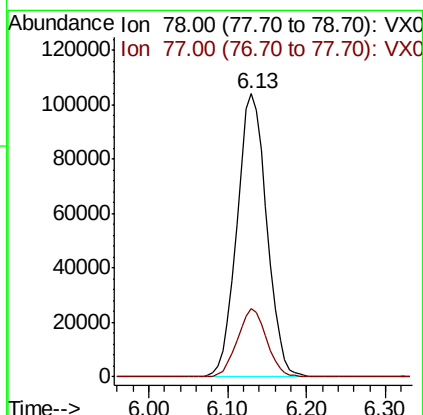
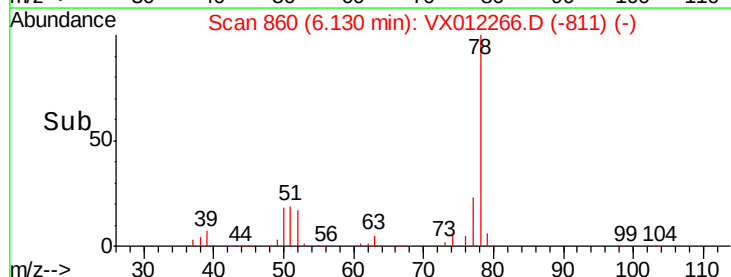
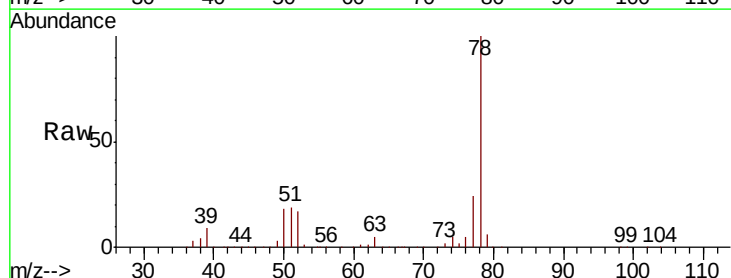
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

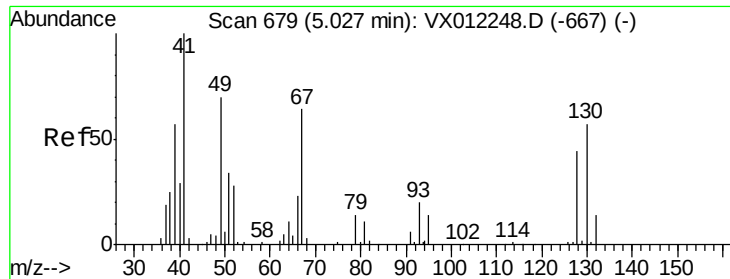
Tgt Ion: 83 Resp: 94243
Ion Ratio Lower Upper
83 100
55 77.5 65.4 98.2
98 48.6 39.6 59.4



#40
Benzene
Concen: 48.891 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

Tgt Ion: 78 Resp: 273413
Ion Ratio Lower Upper
78 100
77 24.1 18.0 27.0

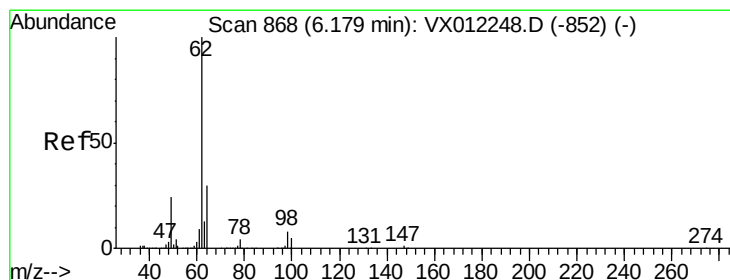
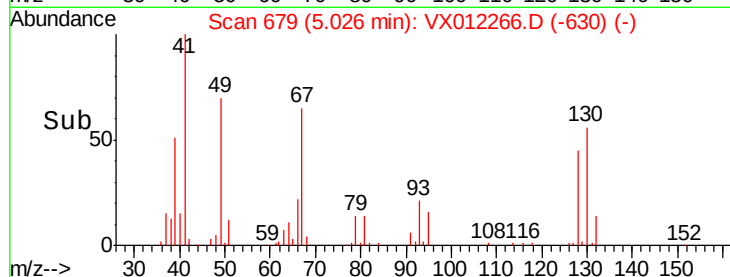
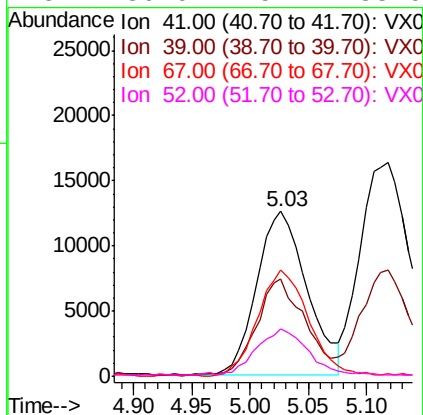
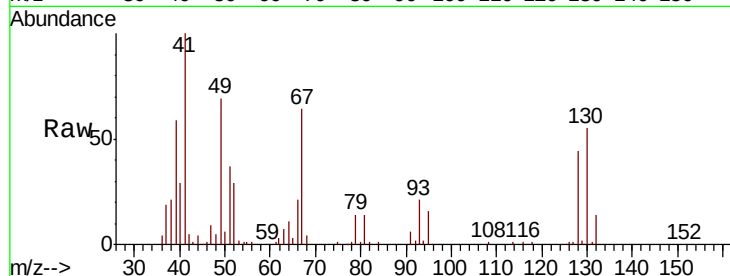




#41
Methacrylonitrile
Concen: 53.721 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

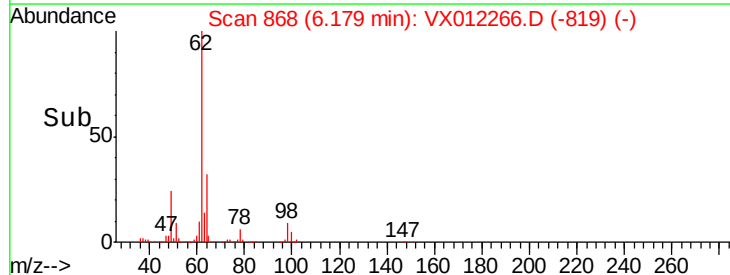
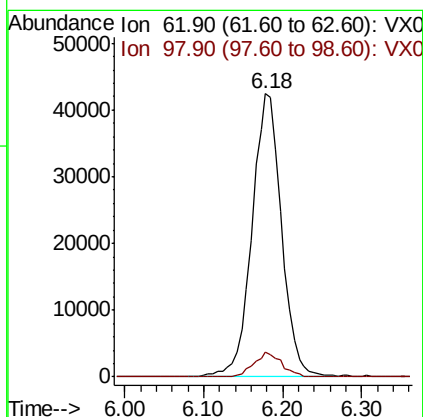
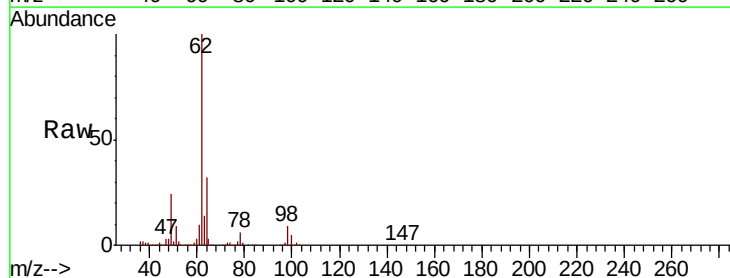
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

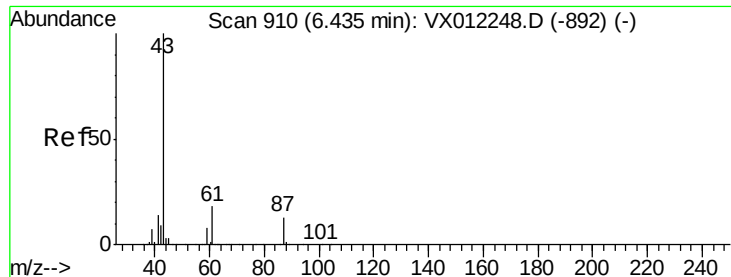
Tgt Ion:	41	Resp:	37828
Ion	Ratio	Lower	Upper
41	100		
39	55.2	49.0	73.4
67	65.3	55.0	82.4
52	30.0	25.4	38.0



#42
1,2-Dichloroethane
Concen: 49.960 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

Tgt Ion:	62	Resp:	110427
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2





#43

Isopropyl Acetate

Concen: 51.296 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

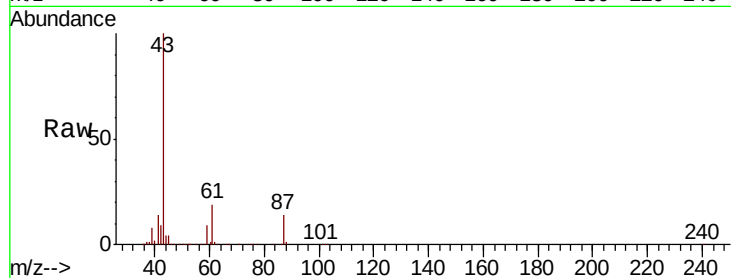
Tgt Ion: 43 Resp: 123529

Ion Ratio Lower Upper

43 100

61 19.0 15.4 23.2

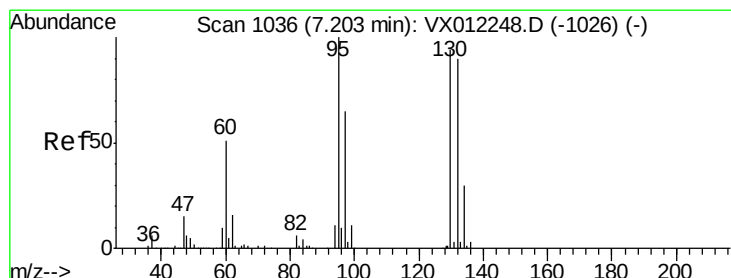
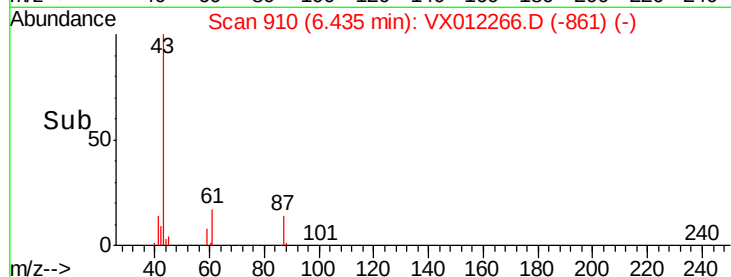
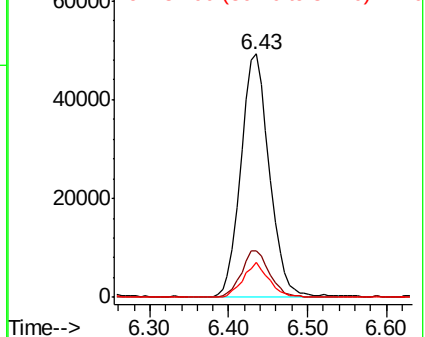
87 13.0 10.5 15.7



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: 48.159 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012266.D

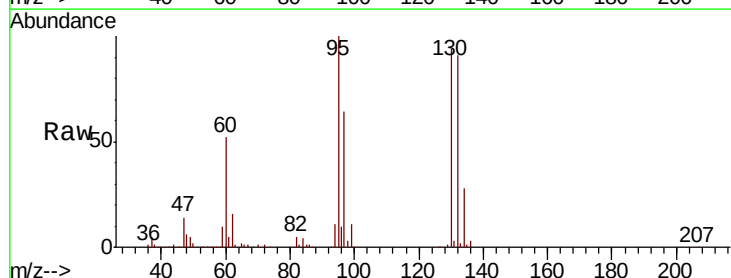
Acq: 10 Sep 2019 20:11

Tgt Ion: 130 Resp: 72886

Ion Ratio Lower Upper

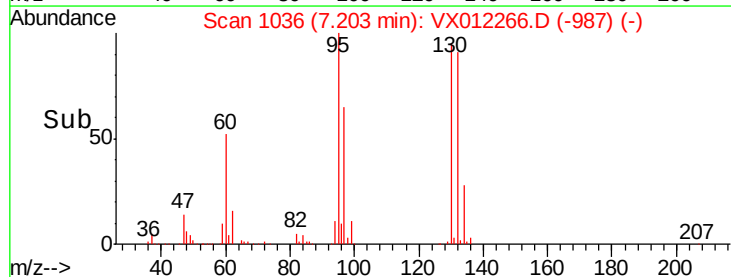
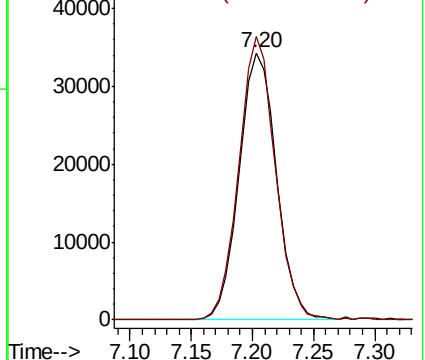
130 100

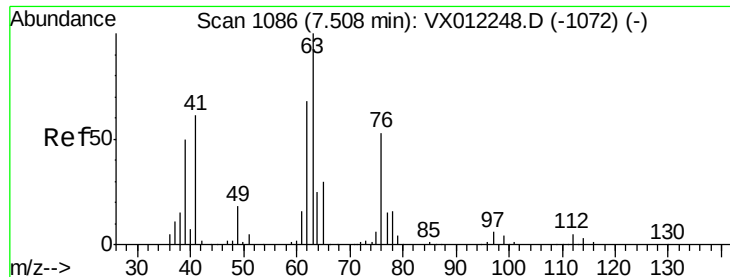
95 106.0 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

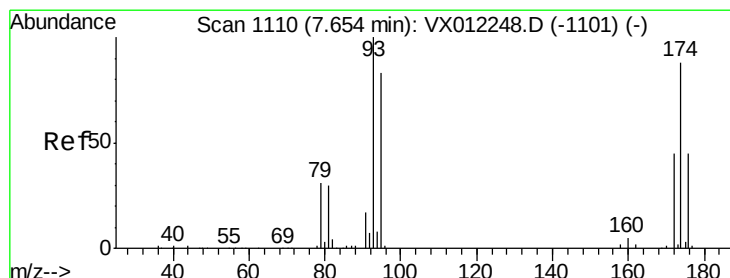
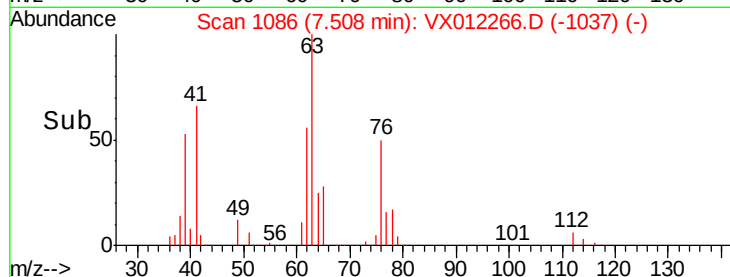
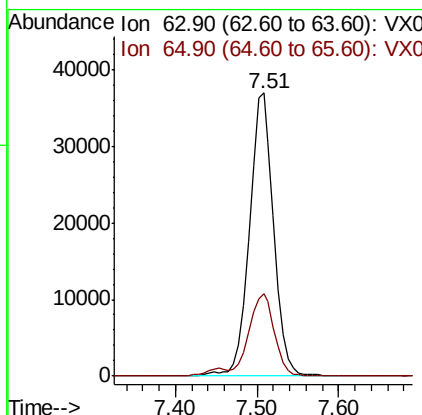
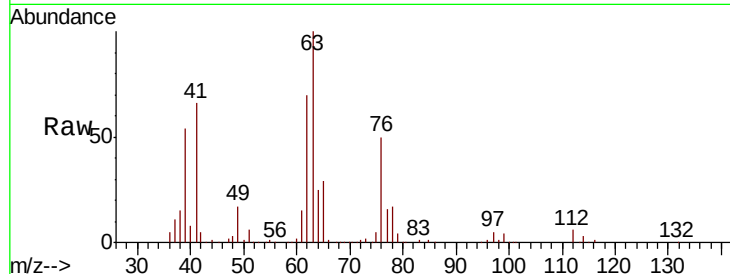




#45
 1,2-Dichloropropane
 Concen: 49.443 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

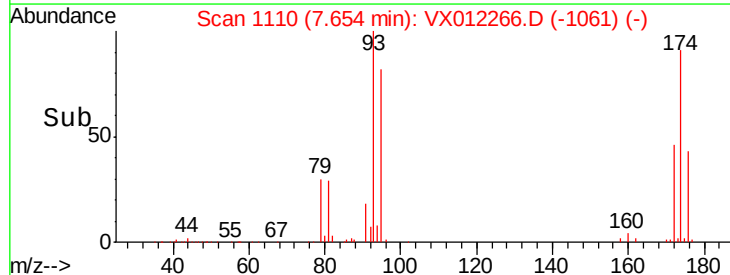
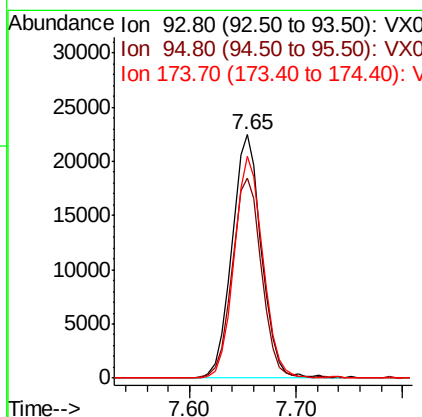
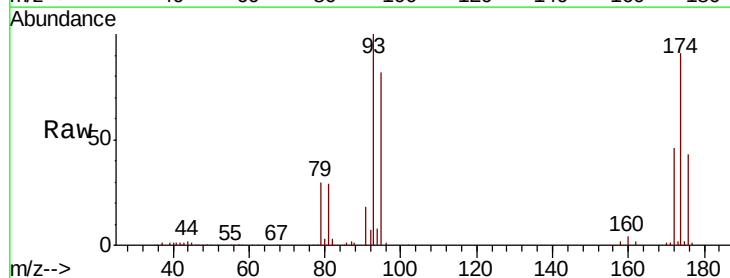
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

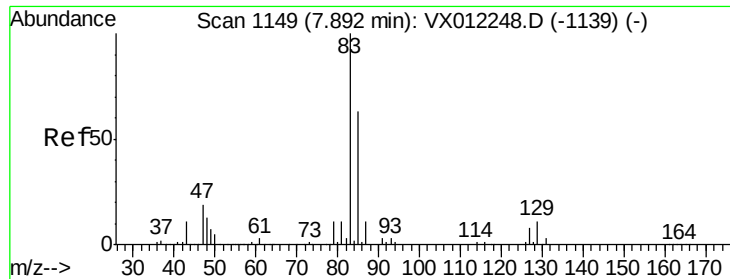
Tgt Ion: 63 Resp: 76536
 Ion Ratio Lower Upper
 63 100
 65 28.9 24.3 36.5



#46
 Dibromomethane
 Concen: 51.675 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

Tgt Ion: 93 Resp: 43718
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.7 98.5
 174 88.8 71.0 106.4





#47

Bromodichloromethane

Concen: 50.021 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

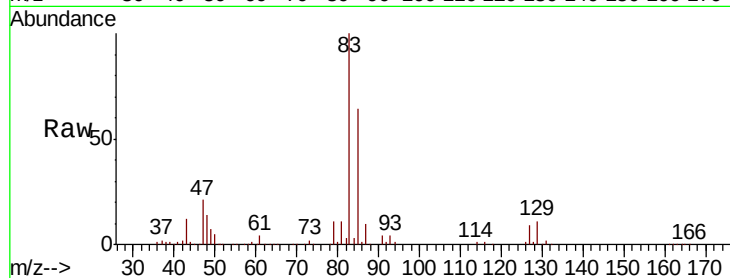
Tgt Ion: 83 Resp: 115488

Ion Ratio Lower Upper

83 100

85 64.3 50.2 75.4

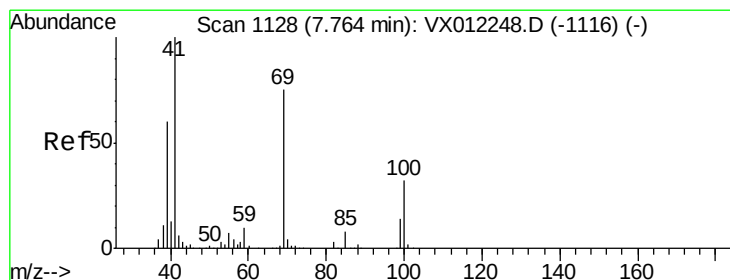
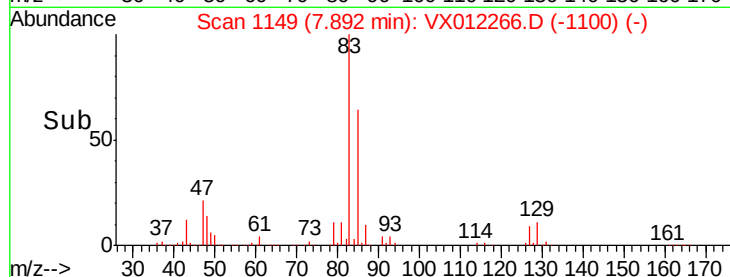
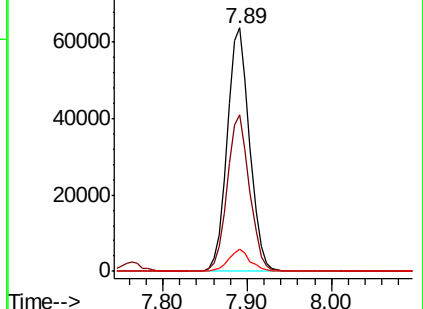
127 9.0 6.3 9.5



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: 51.818 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

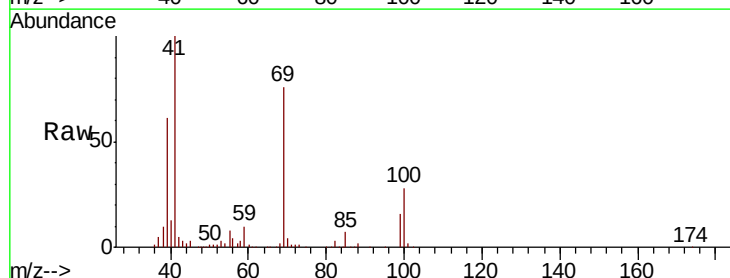
Tgt Ion: 41 Resp: 59729

Ion Ratio Lower Upper

41 100

69 76.2 61.8 92.6

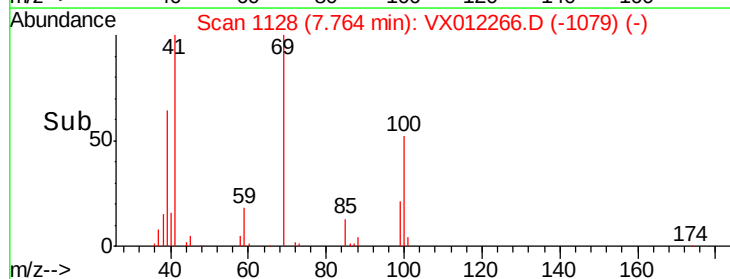
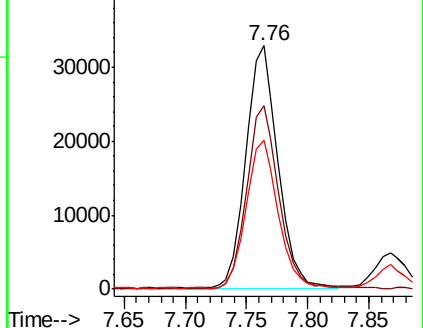
39 60.8 48.6 73.0

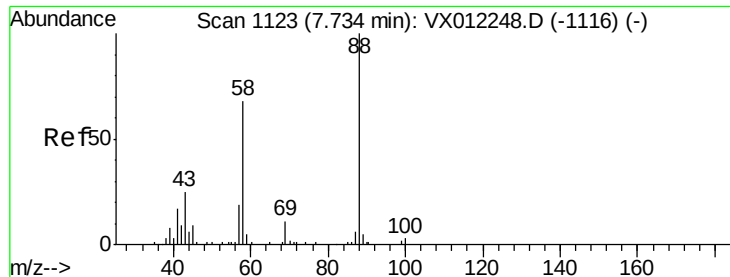


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

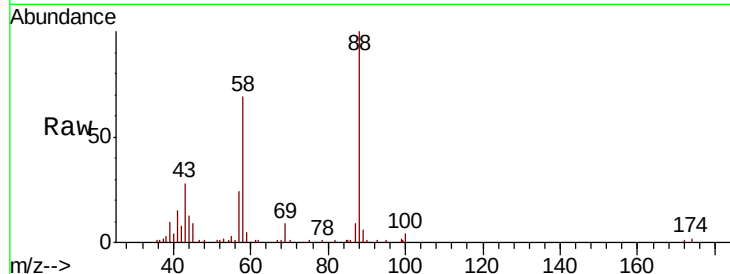




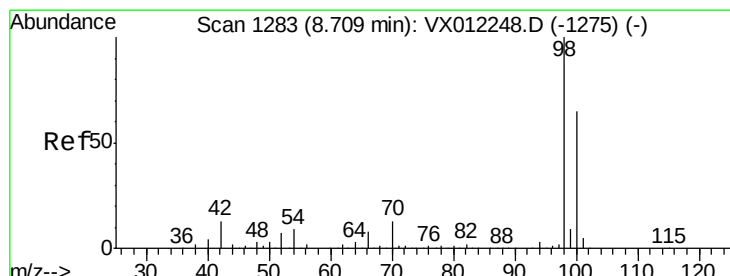
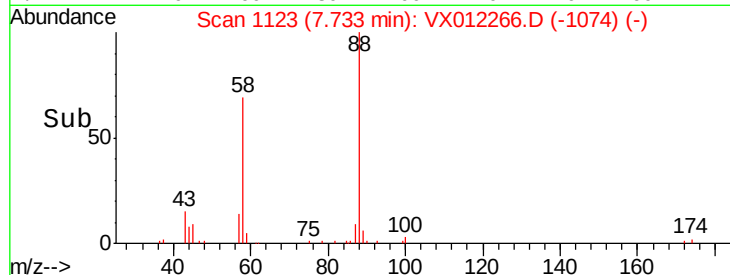
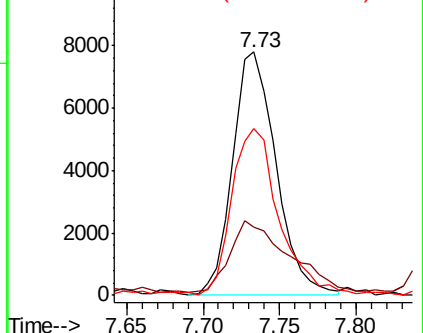
#49
1,4-Dioxane
Concen: 991.512 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 15422
Ion Ratio Lower Upper
88 100
43 39.8 31.0 46.4
58 74.5 61.5 92.3

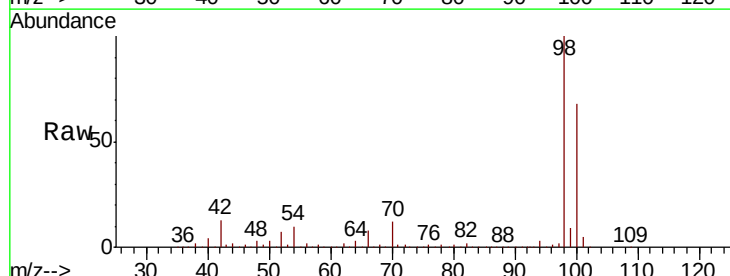


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

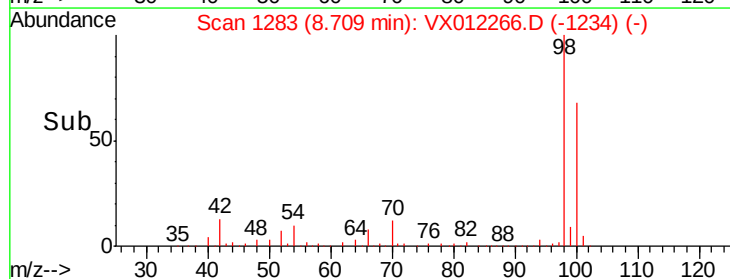
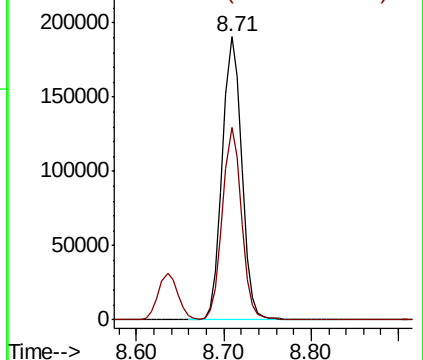


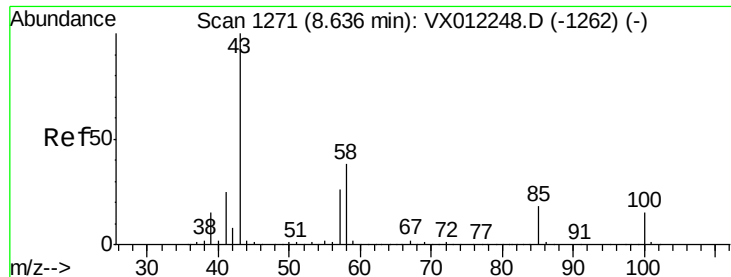
#50
Toluene-d8
Concen: 51.842 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

Tgt Ion: 98 Resp: 295371
Ion Ratio Lower Upper
98 100
100 66.4 54.1 81.1



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





#51

4-Methyl-2-Pentanone

Concen: 252.062 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

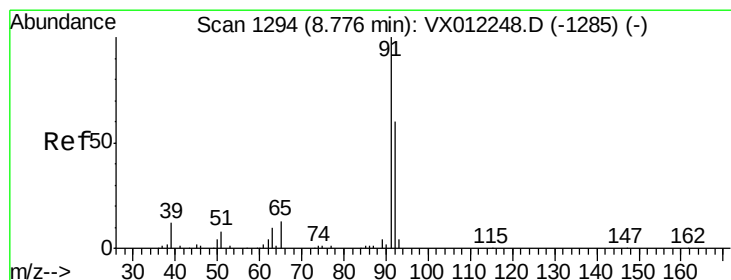
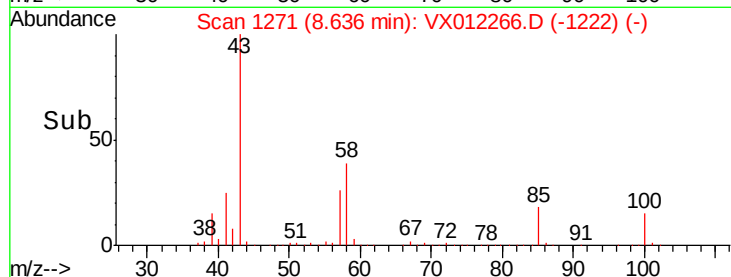
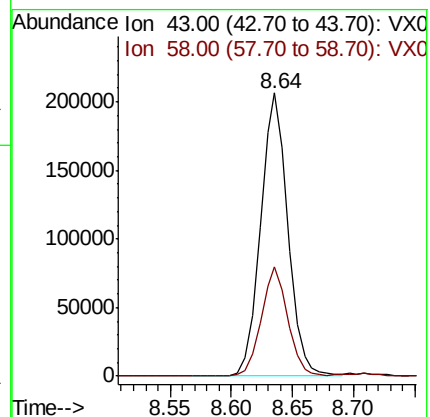
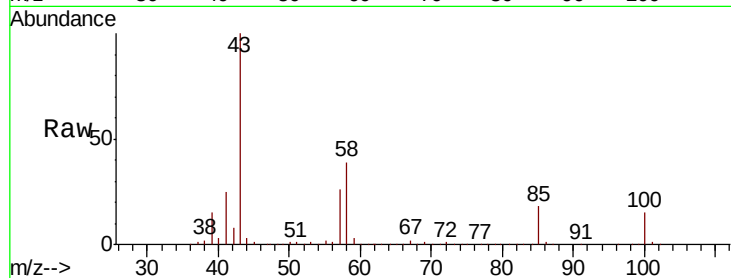
VSTDCCC050EC

Tgt Ion: 43 Resp: 320361

Ion Ratio Lower Upper

43 100

58 37.5 30.1 45.1



#52

Toluene

Concen: 48.475 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012266.D

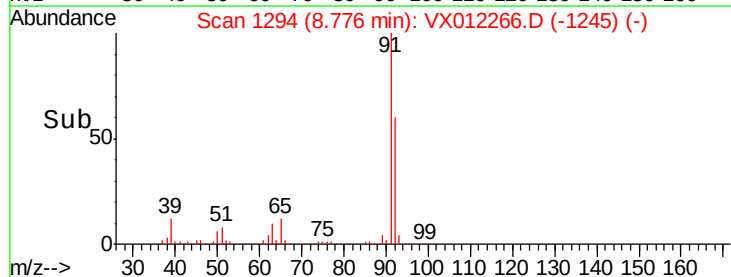
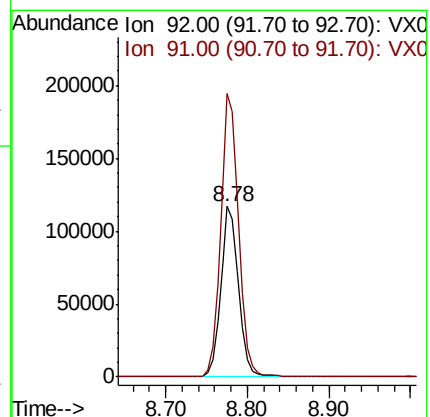
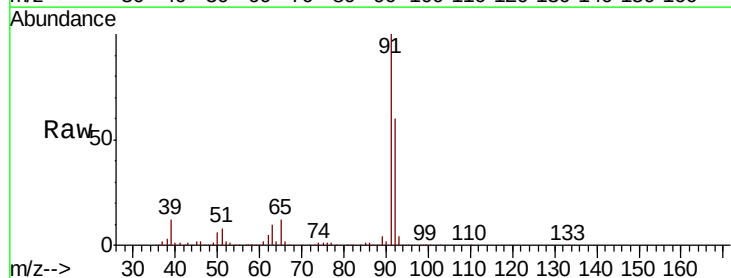
Acq: 10 Sep 2019 20:11

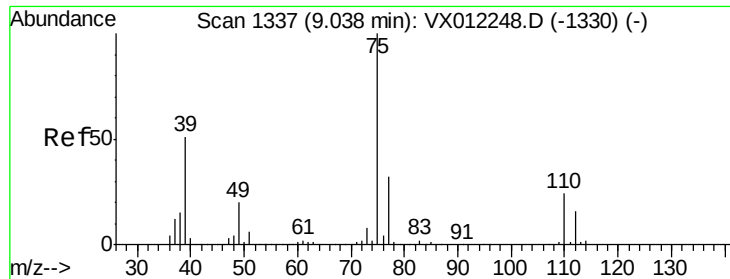
Tgt Ion: 92 Resp: 179060

Ion Ratio Lower Upper

92 100

91 167.9 133.6 200.4





#53

t-1,3-Dichloropropene

Concen: 48.539 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

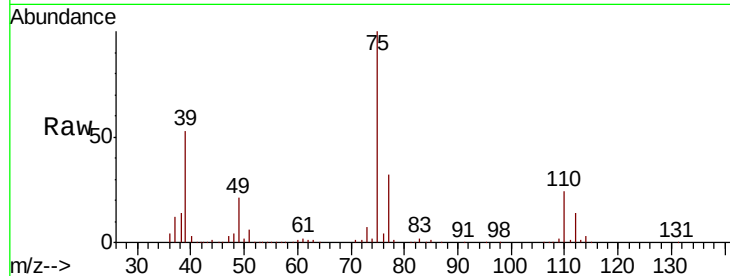
VSTDCCC050EC

Tgt Ion: 75 Resp: 111853

Ion Ratio Lower Upper

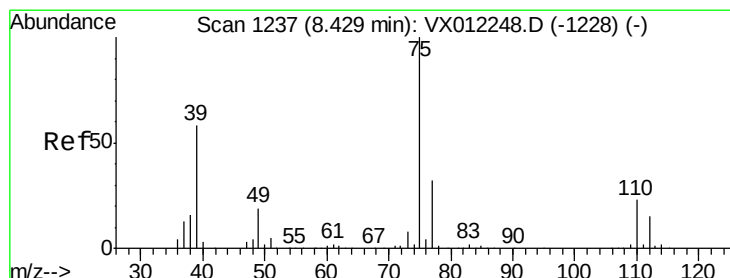
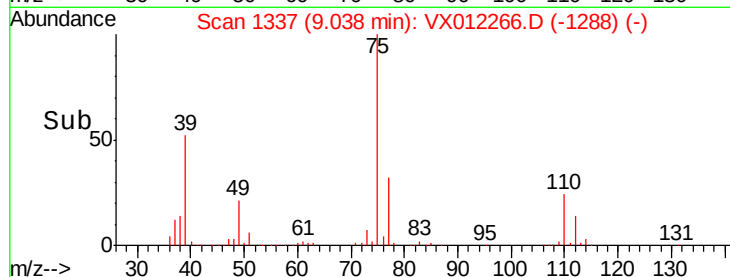
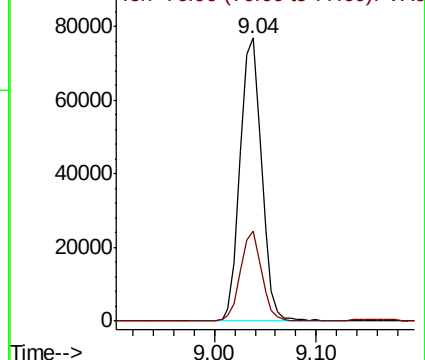
75 100

77 31.7 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.364 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

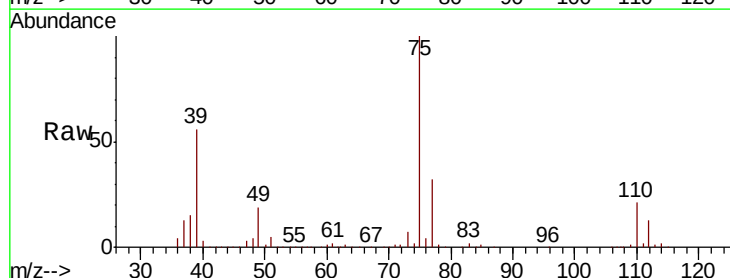
Tgt Ion: 75 Resp: 123583

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2

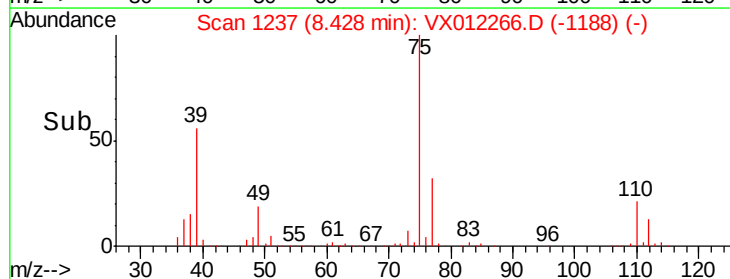
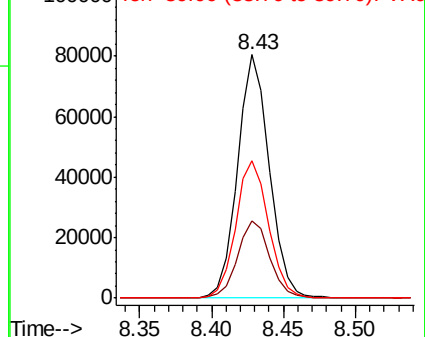
39 56.2 46.5 69.7

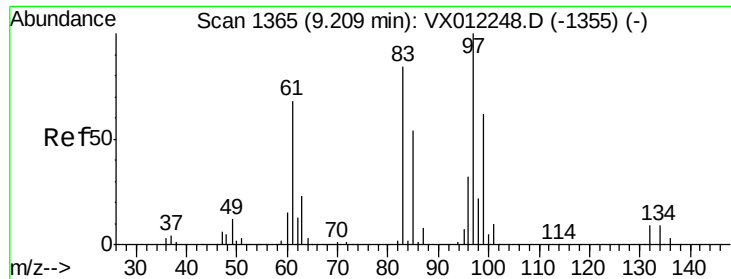


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

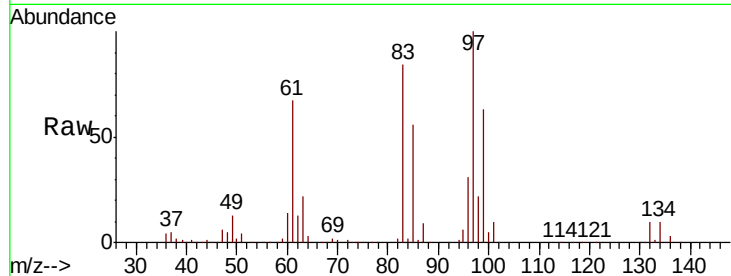




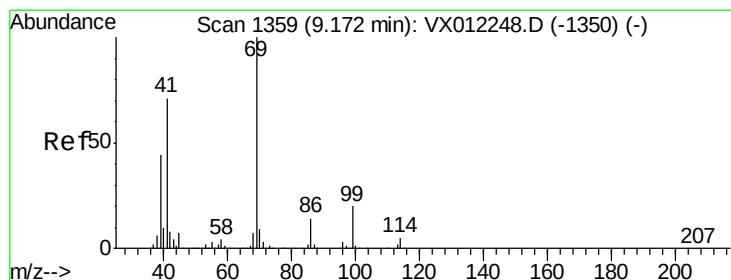
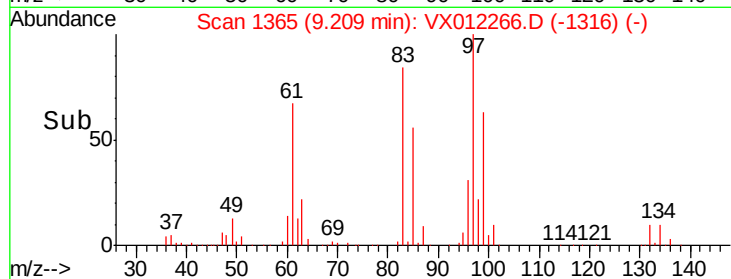
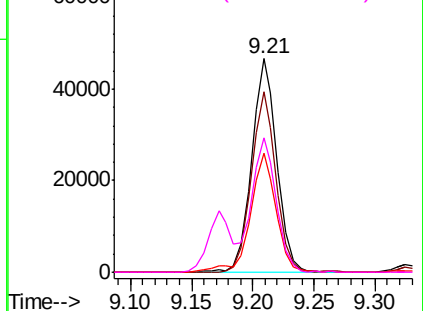
#55
 1,1,2-Trichloroethane
 Concen: 50.906 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 66722
 Ion Ratio Lower Upper
 97 100
 83 84.4 67.4 101.2
 85 55.9 43.4 65.2
 99 62.8 49.8 74.6

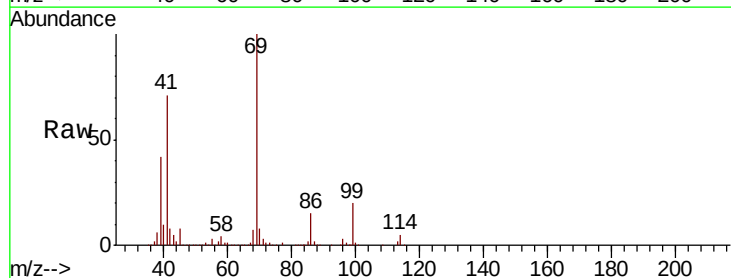


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

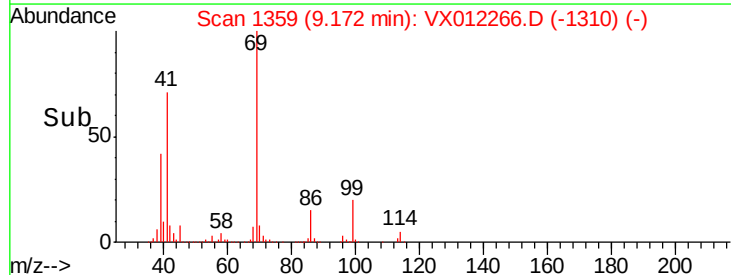
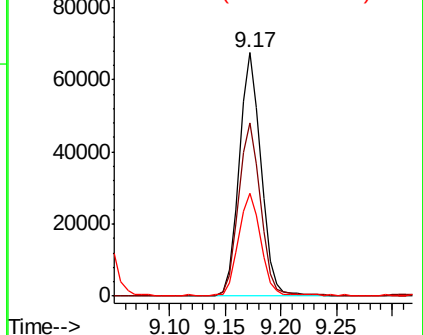


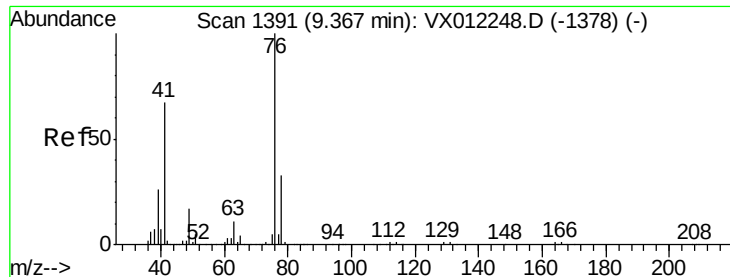
#56
 Ethyl methacrylate
 Concen: 51.764 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

Tgt Ion: 69 Resp: 91862
 Ion Ratio Lower Upper
 69 100
 41 72.1 57.7 86.5
 39 43.2 34.0 51.0



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

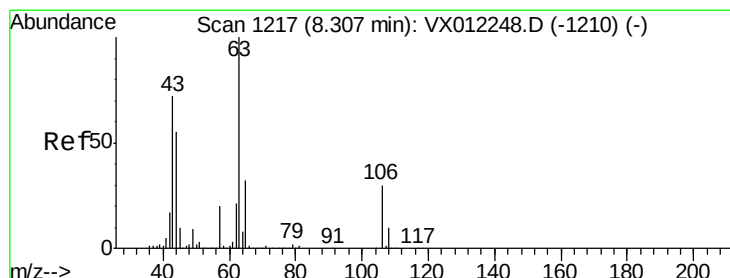
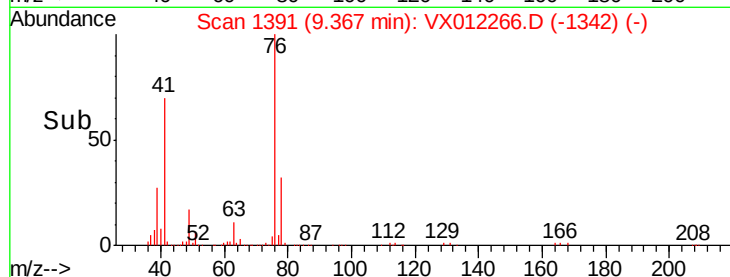
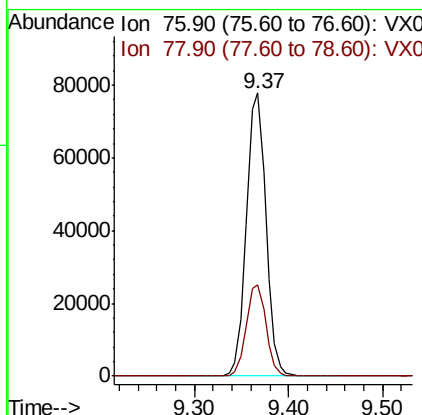
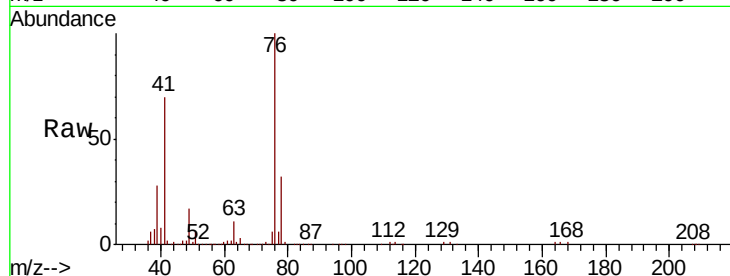




#57
 1,3-Dichloropropane
 Concen: 50.671 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

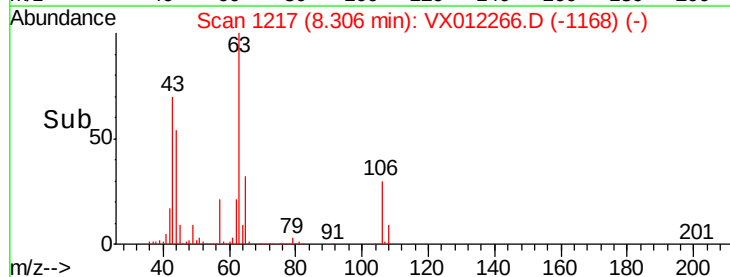
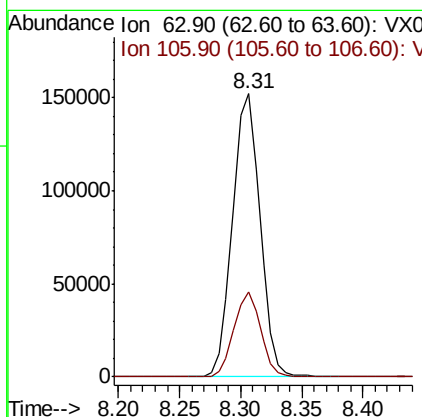
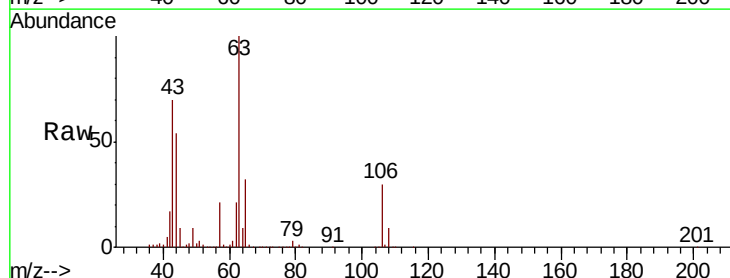
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

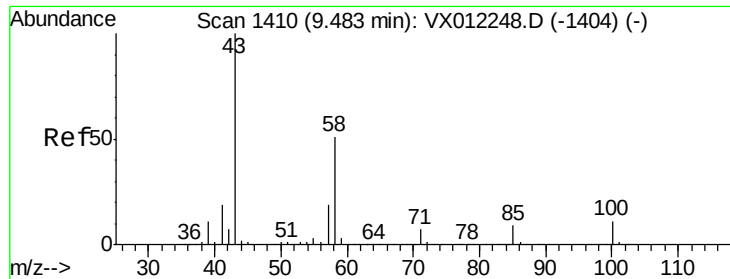
Tgt Ion: 76 Resp: 113431
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.769 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

Tgt Ion: 63 Resp: 236276
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.4 35.2

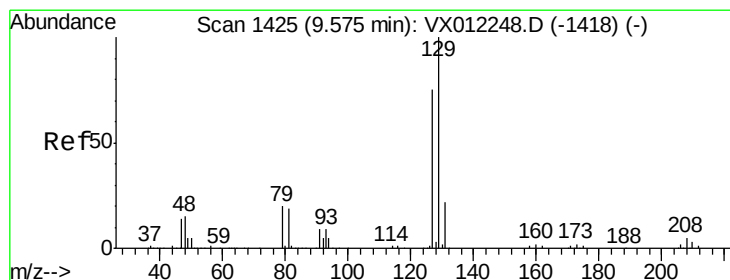
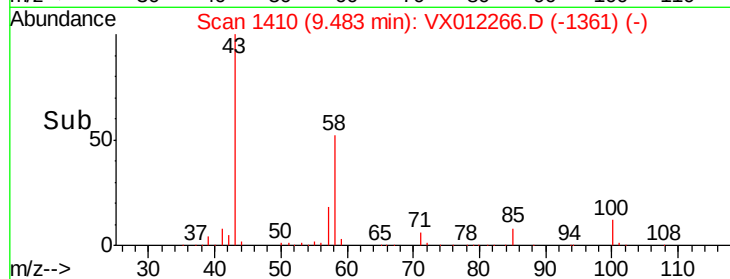
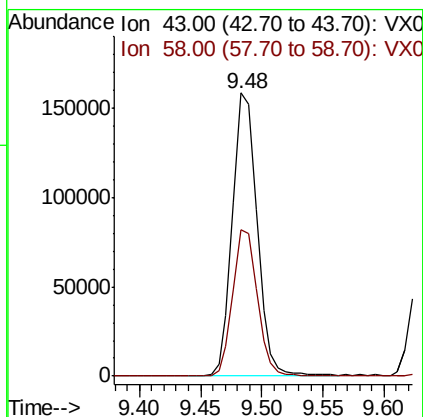
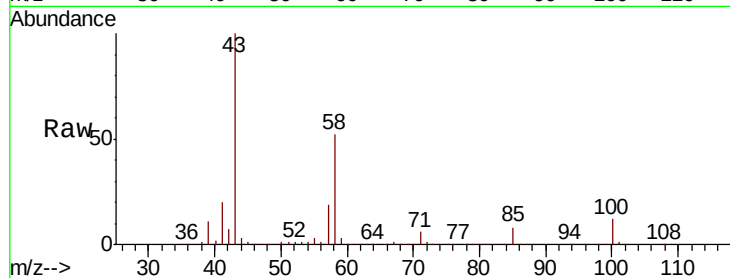




#59
2-Hexanone
Concen: 250.213 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

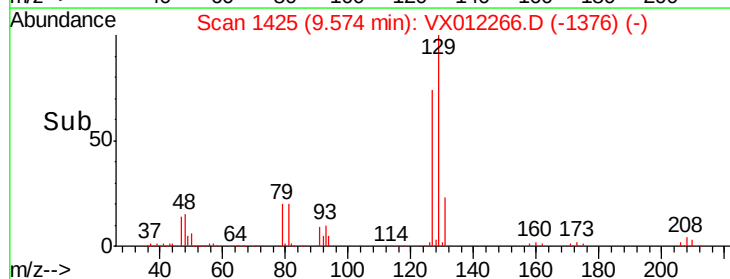
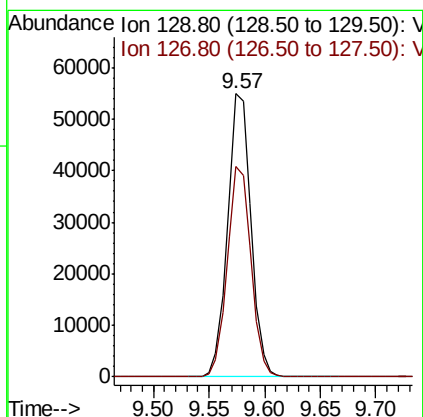
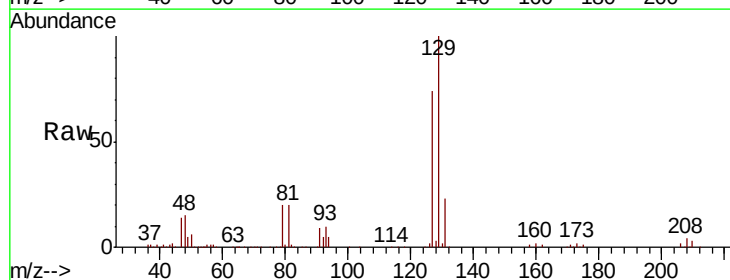
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

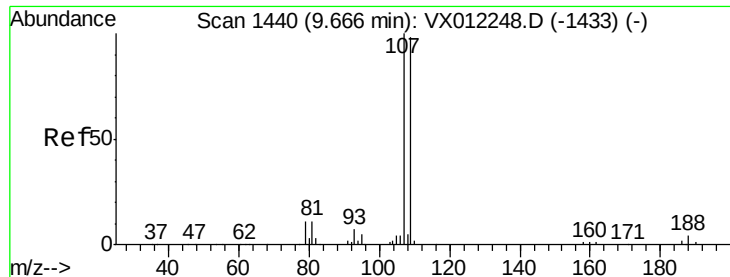
Tgt Ion: 43 Resp: 221115
Ion Ratio Lower Upper
43 100
58 52.0 25.8 77.3



#60
Dibromochloromethane
Concen: 52.231 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

Tgt Ion: 129 Resp: 79920
Ion Ratio Lower Upper
129 100
127 75.3 38.1 114.3





#61

1,2-Dibromoethane

Concen: 49.822 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

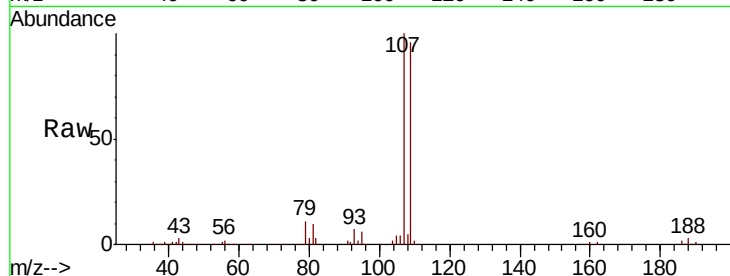
VSTDCCC050EC

Tgt Ion: 107 Resp: 60786

Ion Ratio Lower Upper

107 100

109 95.5 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

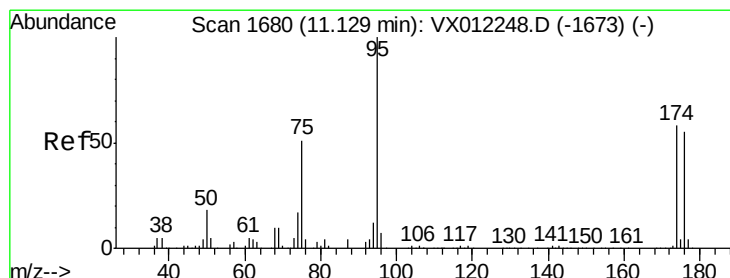
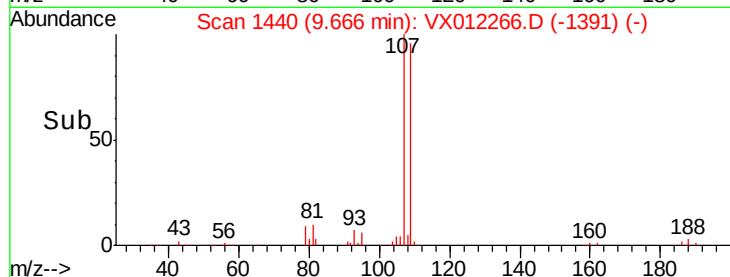
20000

10000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 48.777 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

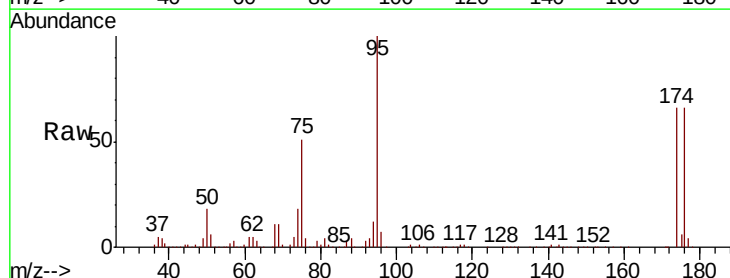
Tgt Ion: 95 Resp: 128838

Ion Ratio Lower Upper

95 100

174 63.3 0.0 127.0

176 61.8 0.0 125.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

120000

100000

80000

60000

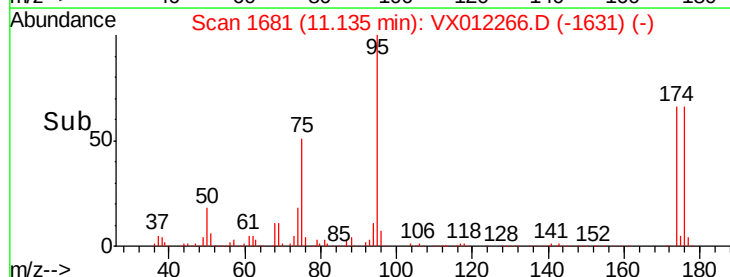
40000

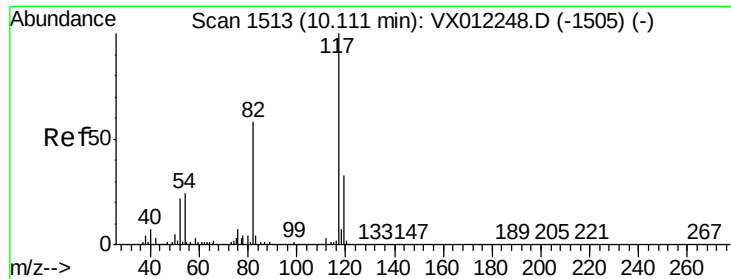
20000

0

11.10 11.20

Time-->

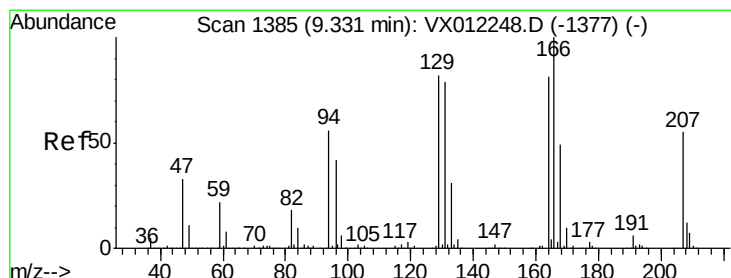
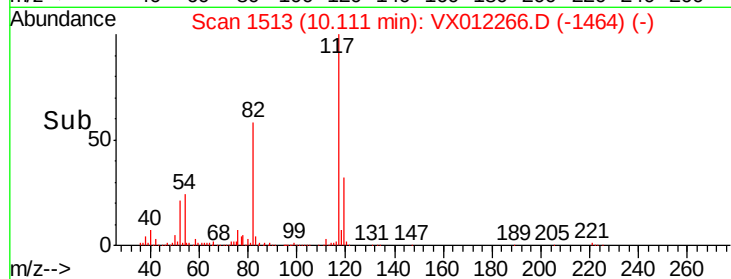
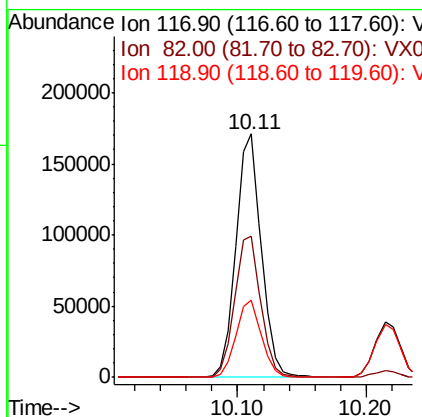
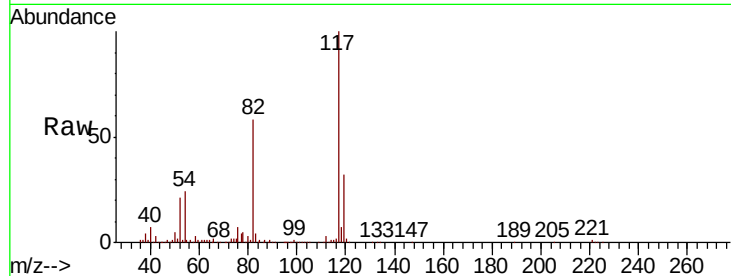




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

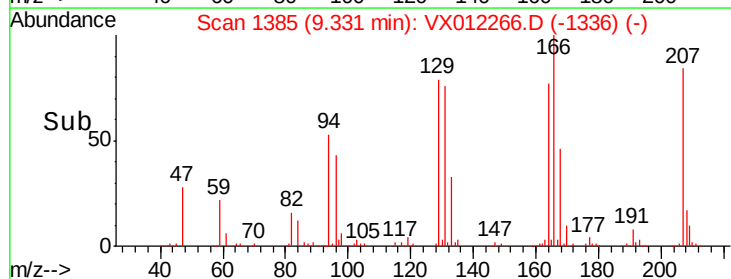
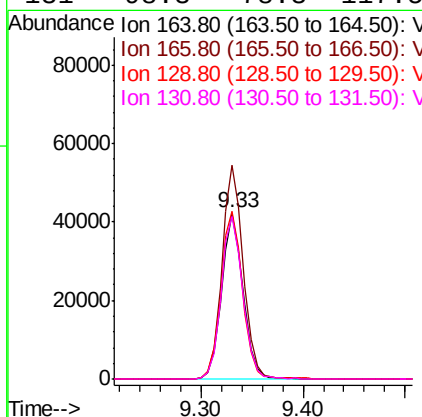
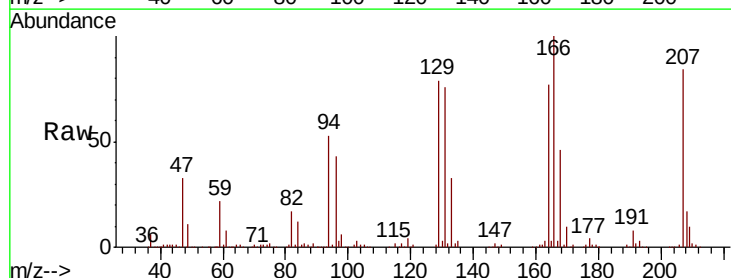
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

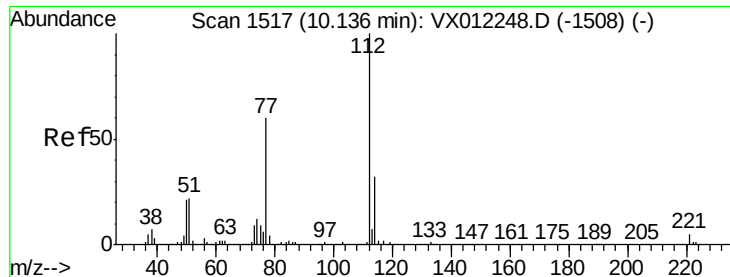
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.4	69.6
119	31.6	26.6	39.8



#64
Tetrachloroethene
Concen: 49.512 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	99.4	149.0
129	101.7	81.8	122.8
131	98.3	78.3	117.5

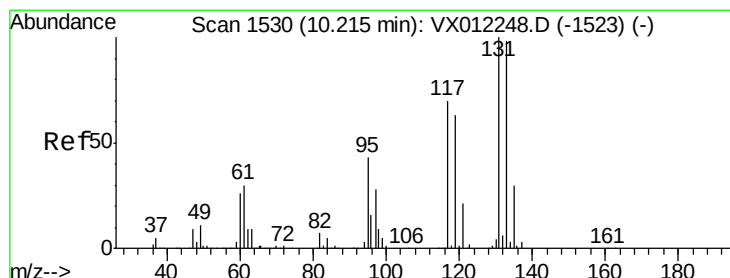
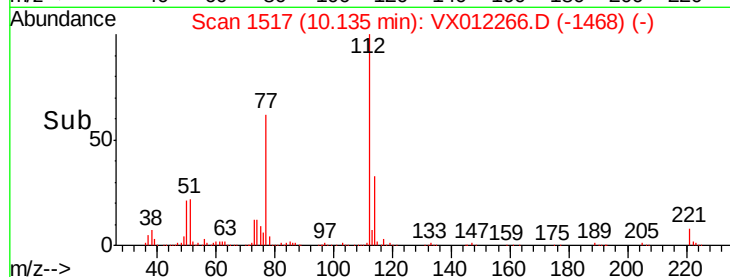
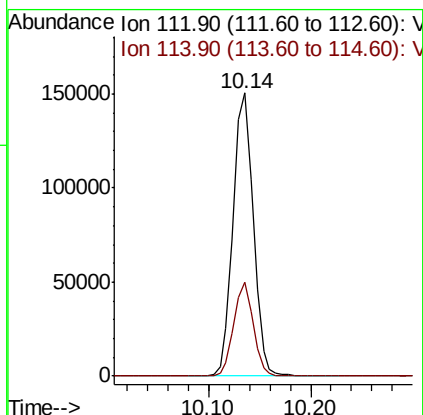
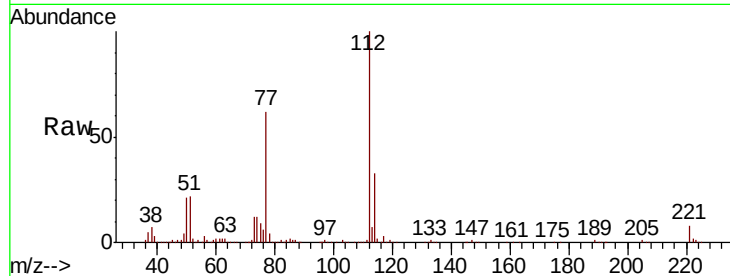




#65
Chlorobenzene
Concen: 48.226 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

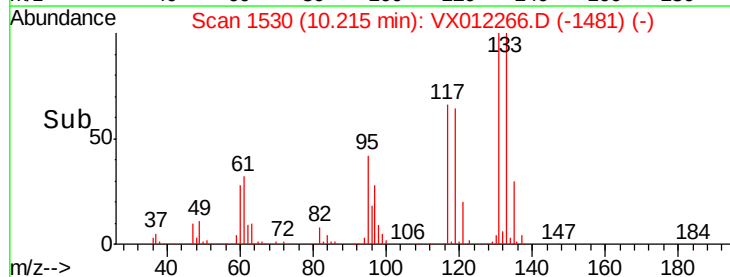
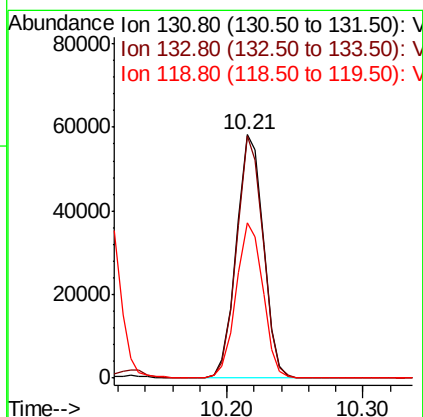
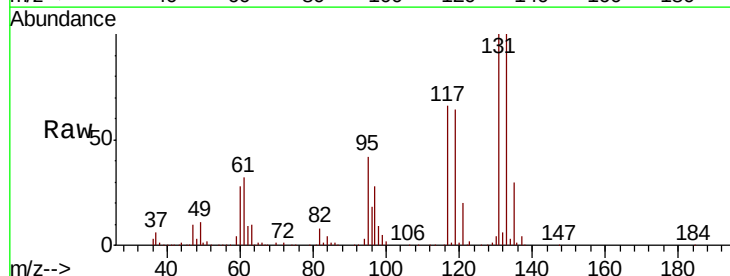
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

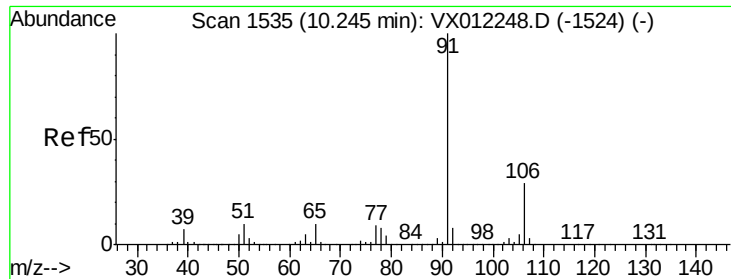
Tgt Ion:112 Resp: 206341
Ion Ratio Lower Upper
112 100
114 33.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.960 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

Tgt Ion:131 Resp: 80581
Ion Ratio Lower Upper
131 100
133 97.4 48.0 144.2
119 63.7 31.6 95.0

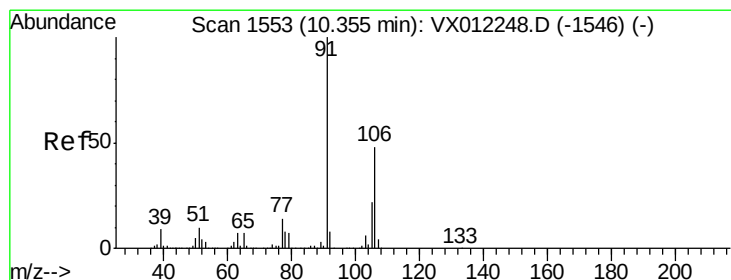
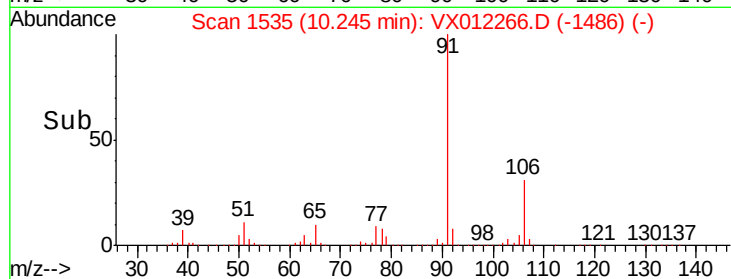
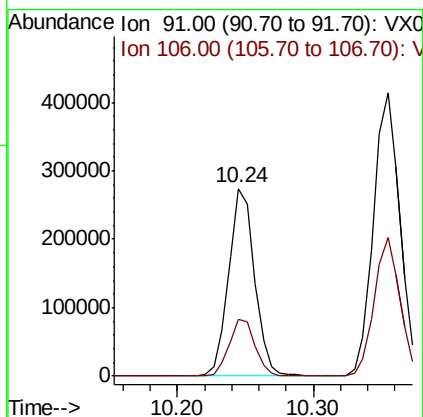
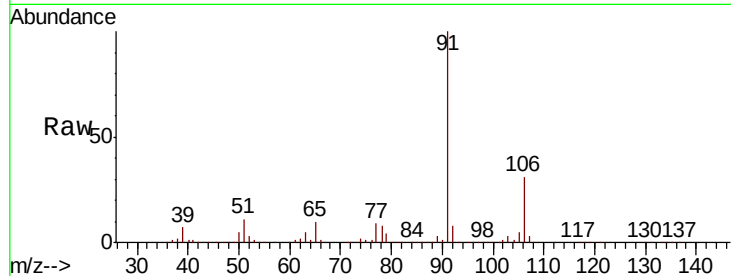




#67
Ethyl Benzene
Concen: 47.930 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

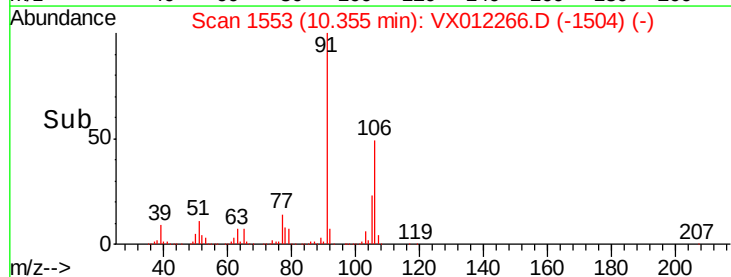
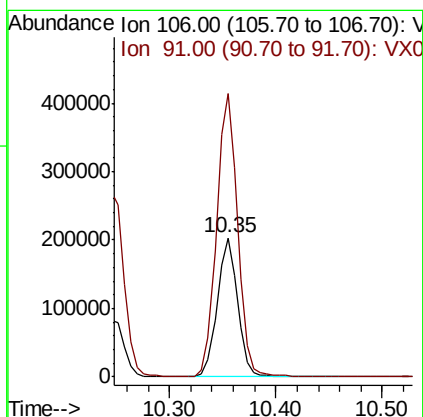
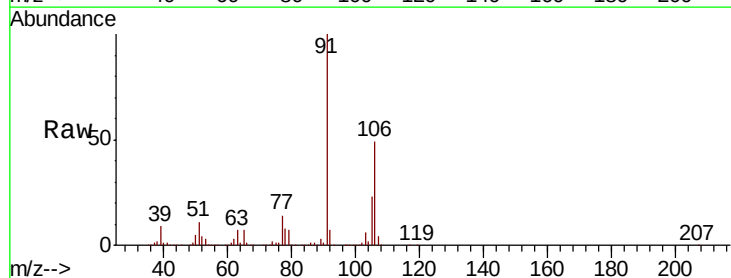
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

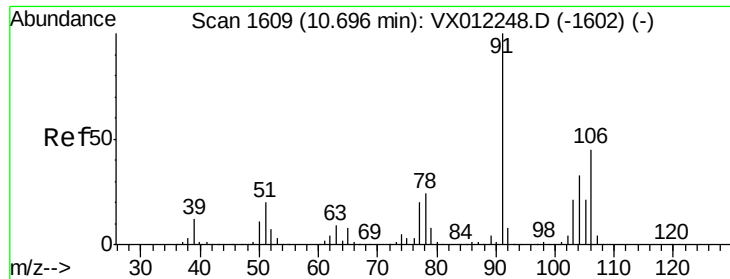
Tgt Ion: 91 Resp: 364742
Ion Ratio Lower Upper
91 100
106 30.6 23.1 34.7



#68
m/p-Xylenes
Concen: 96.655 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

Tgt Ion: 106 Resp: 270759
Ion Ratio Lower Upper
106 100
91 208.2 167.0 250.6

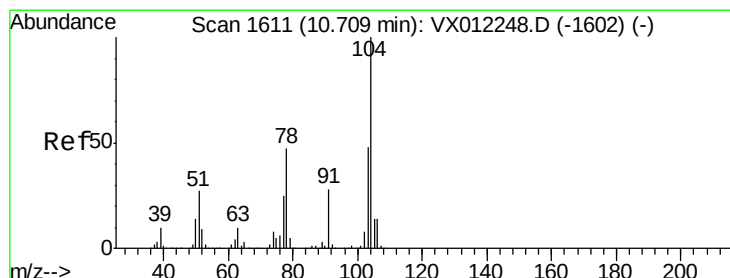
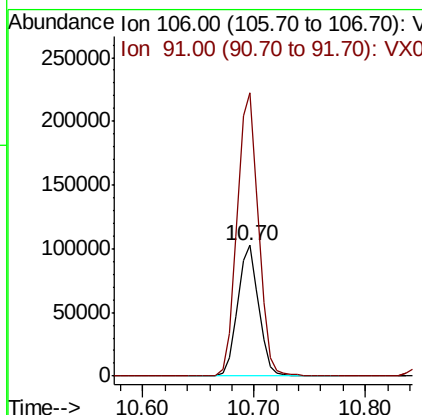
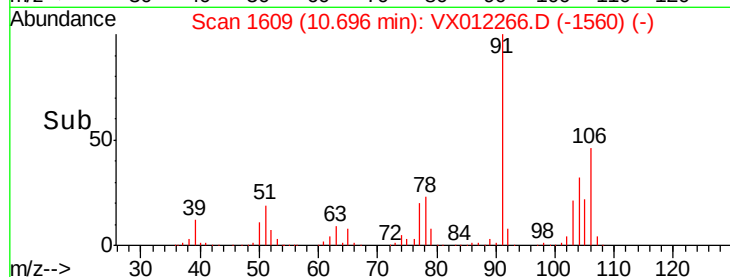
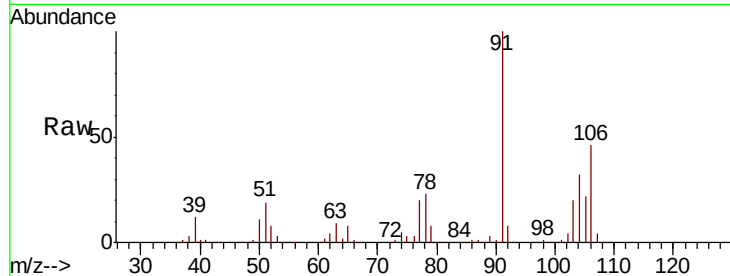




#69
o-Xylene
Concen: 48.766 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

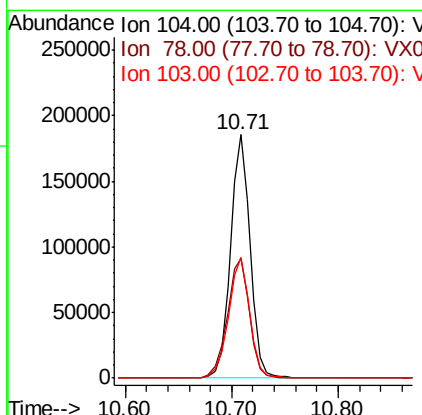
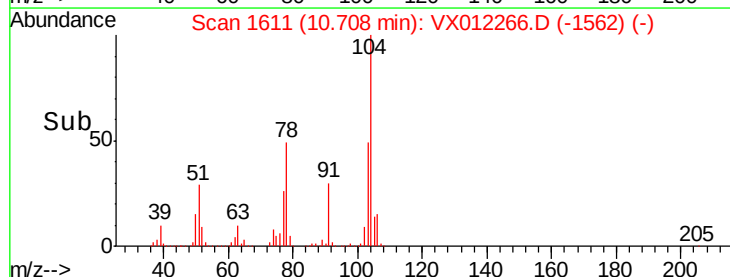
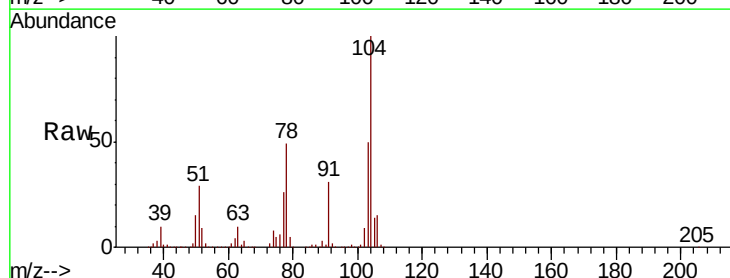
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

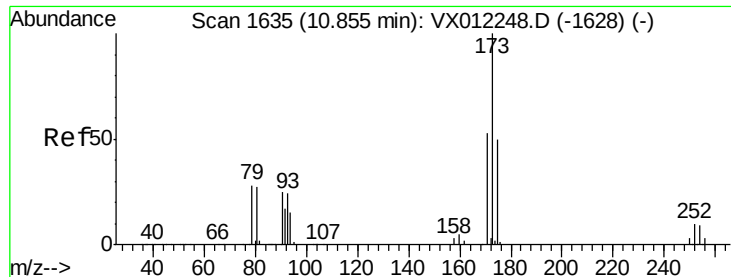
Tgt Ion:106 Resp: 133824
Ion Ratio Lower Upper
106 100
91 220.7 110.5 331.4



#70
Styrene
Concen: 49.176 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

Tgt Ion:104 Resp: 239330
Ion Ratio Lower Upper
104 100
78 55.5 44.2 66.2
103 53.7 42.5 63.7





#71

Bromoform

Concen: 51.470 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

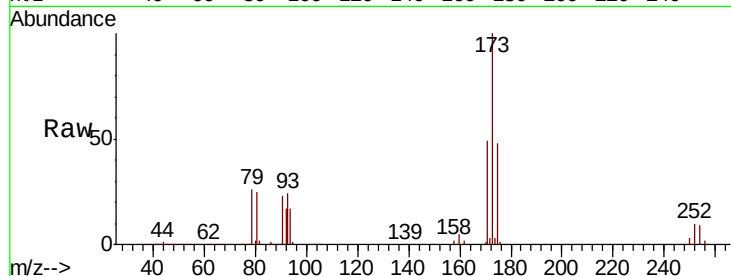
Tgt Ion:173 Resp: 43048

Ion Ratio Lower Upper

173 100

175 47.4 24.5 73.5

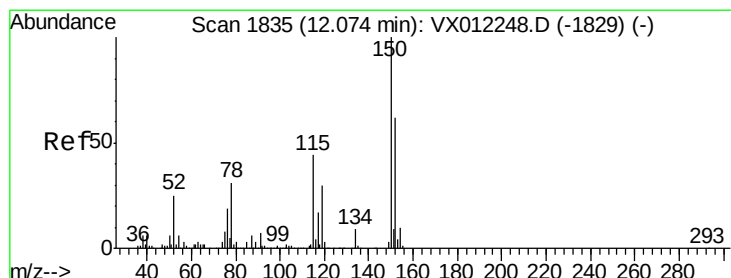
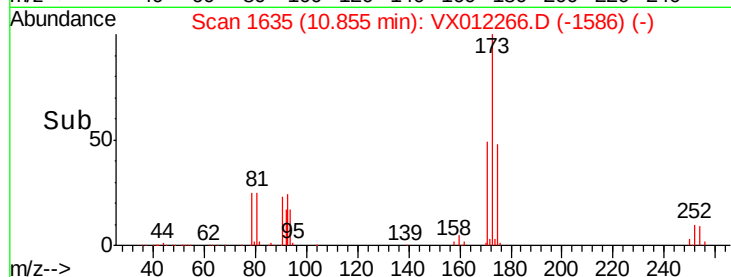
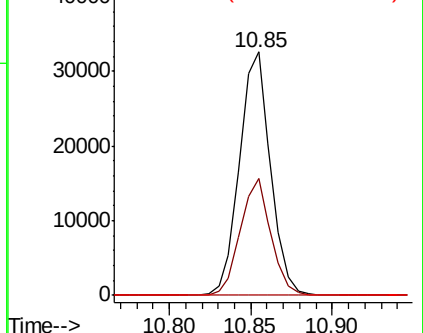
254 0.1 0.2 0.4#



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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

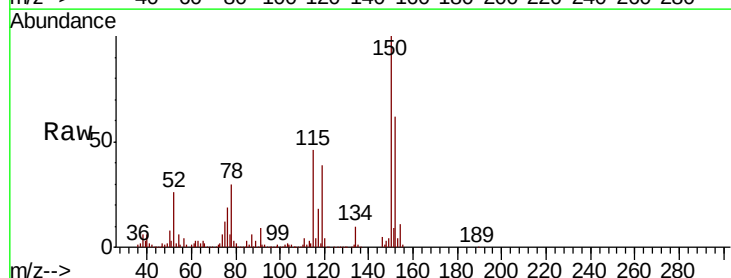
Tgt Ion:152 Resp: 113038

Ion Ratio Lower Upper

152 100

115 92.0 45.5 136.4

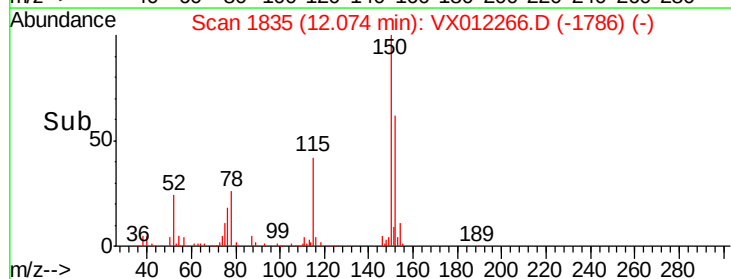
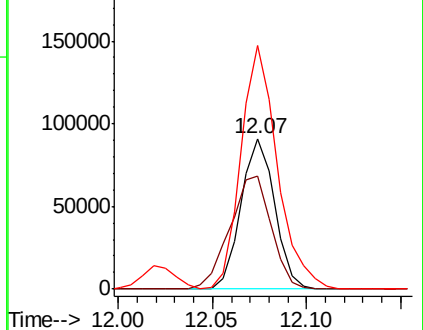
150 174.3 0.0 346.4

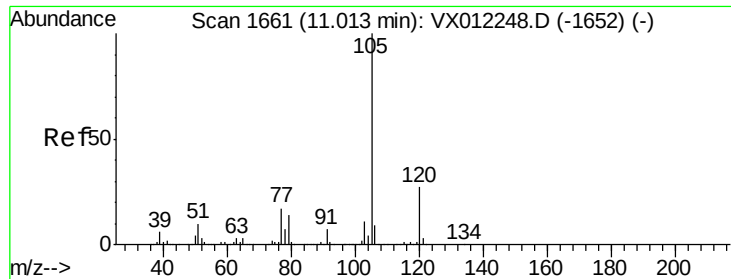


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.487 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

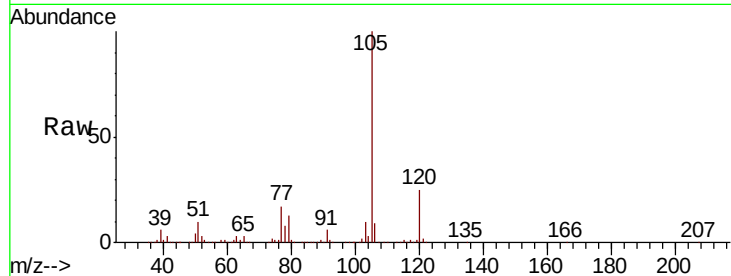
VSTDCCC050EC

Tgt Ion:105 Resp: 368259

Ion Ratio Lower Upper

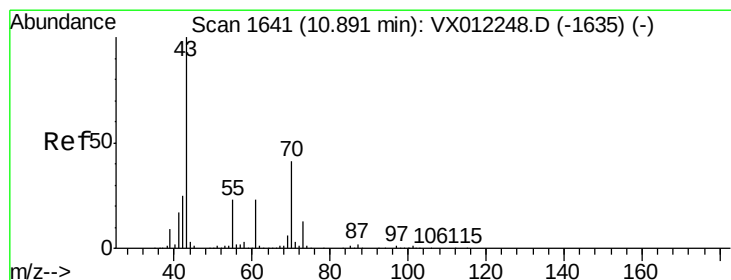
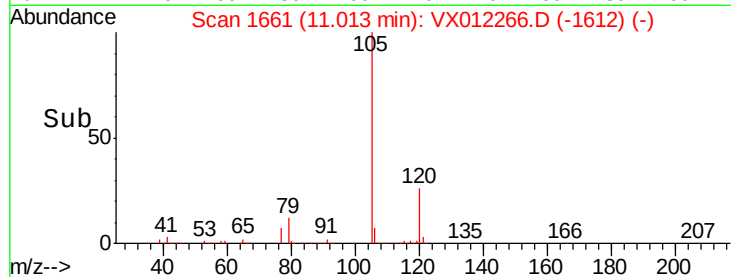
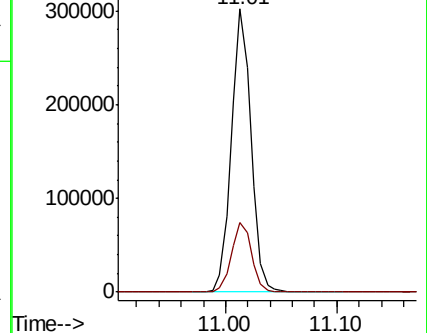
105 100

120 25.4 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.716 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Tgt Ion: 43 Resp: 112216

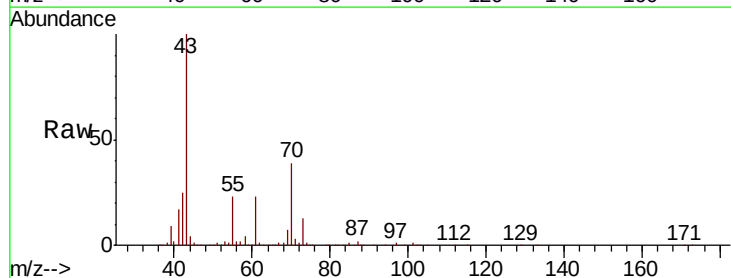
Ion Ratio Lower Upper

43 100

70 40.6 32.9 49.3

55 23.6 19.1 28.7

61 23.1 18.6 28.0

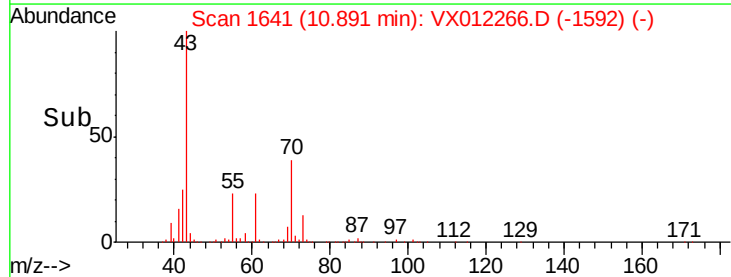
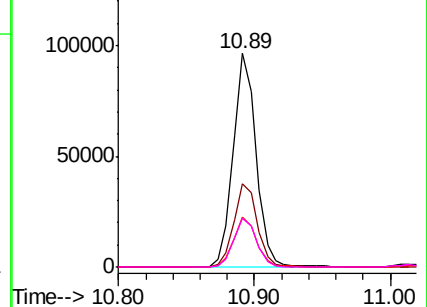


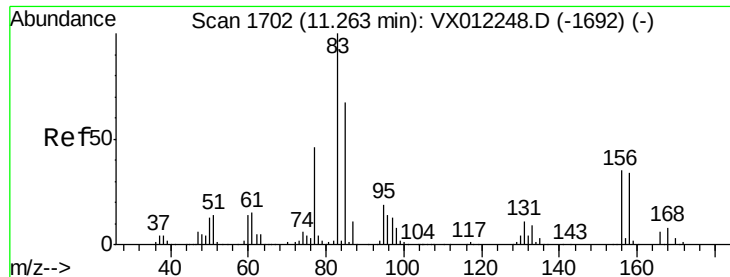
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.578 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

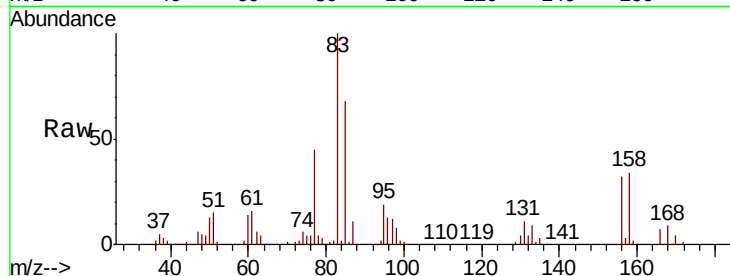
Tgt Ion: 83 Resp: 84031

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

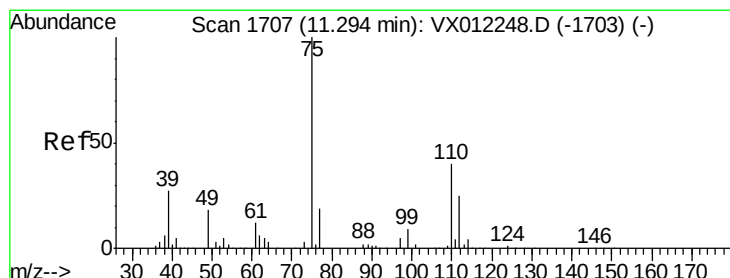
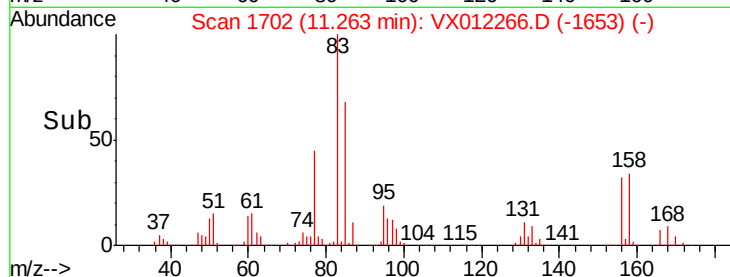
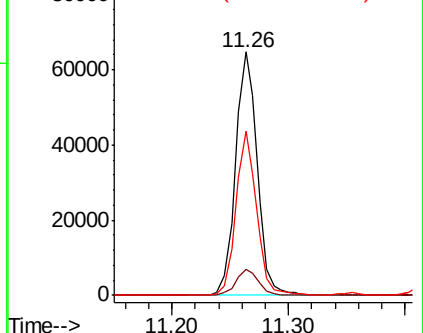
85 64.5 32.8 98.4



Abundance Ion 82.90 (82.60 to 83.60): VX012248.D (-1692) (-)

Ion 130.80 (130.50 to 131.50): VX012248.D (-1692) (-)

Ion 84.90 (84.60 to 85.60): VX012248.D (-1692) (-)



#76

1,2,3-Trichloropropane

Concen: 61.838 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012266.D

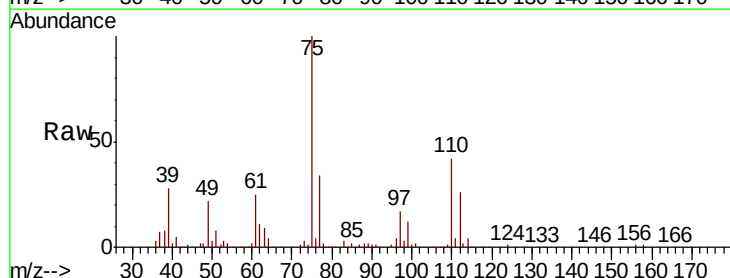
Acq: 10 Sep 2019 20:11

Tgt Ion: 75 Resp: 89798

Ion Ratio Lower Upper

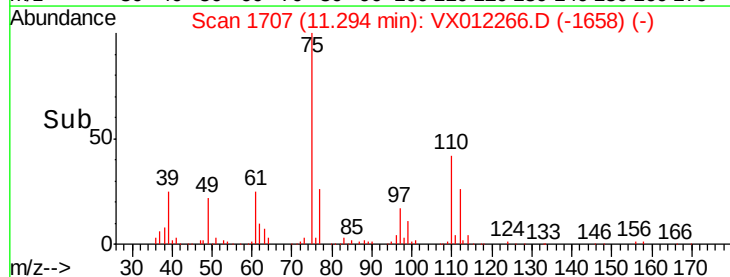
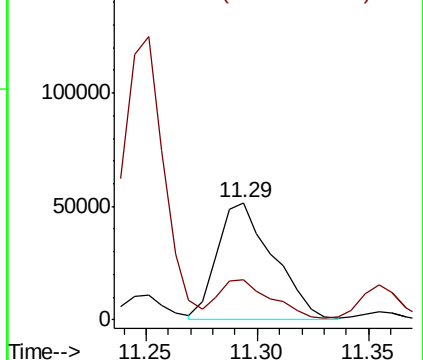
75 100

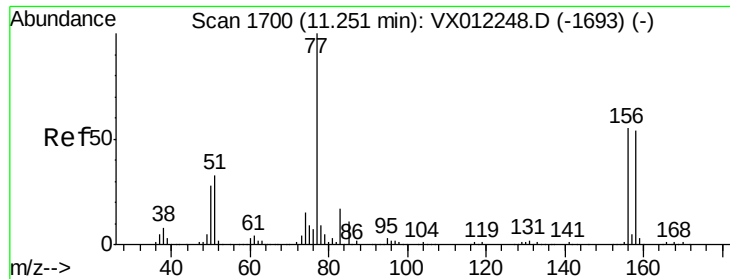
77 32.9 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX012248.D (-1703) (-)

Ion 77.00 (76.70 to 77.70): VX012248.D (-1703) (-)





#77

Bromobenzene

Concen: 50.991 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

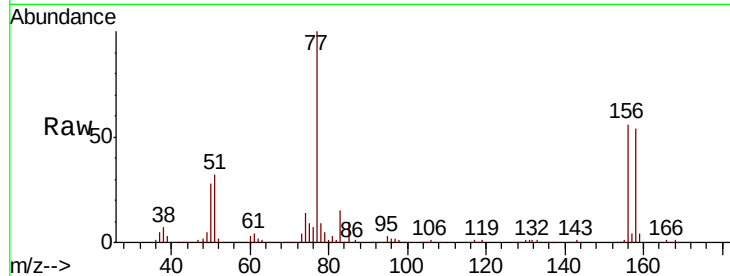
Tgt Ion:156 Resp: 87364

Ion Ratio Lower Upper

156 100

77 185.5 92.2 276.6

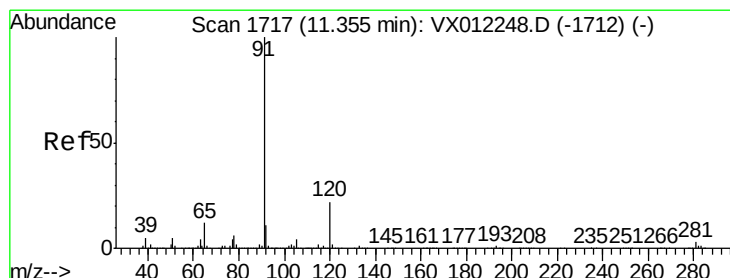
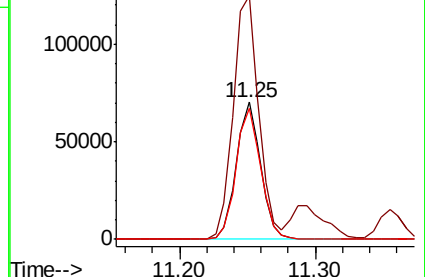
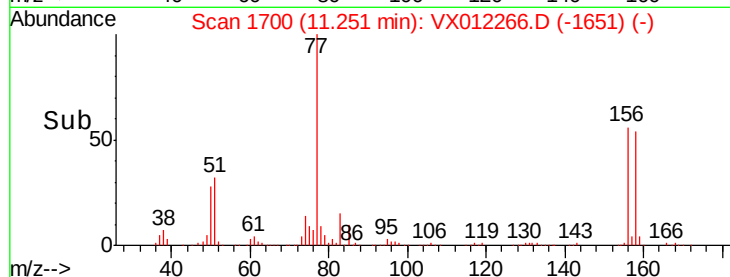
158 96.8 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.129 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012266.D

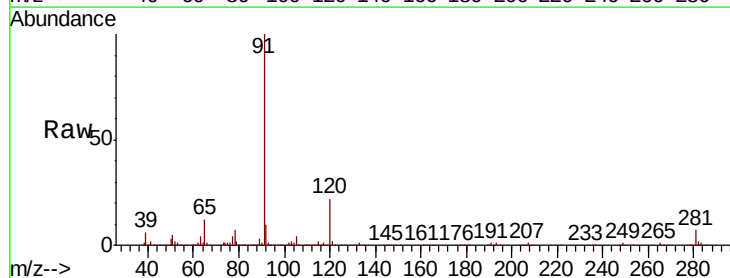
Acq: 10 Sep 2019 20:11

Tgt Ion: 91 Resp: 441500

Ion Ratio Lower Upper

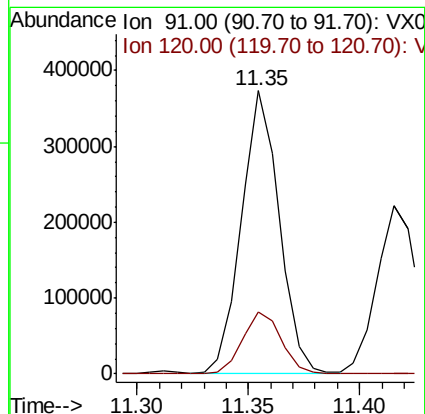
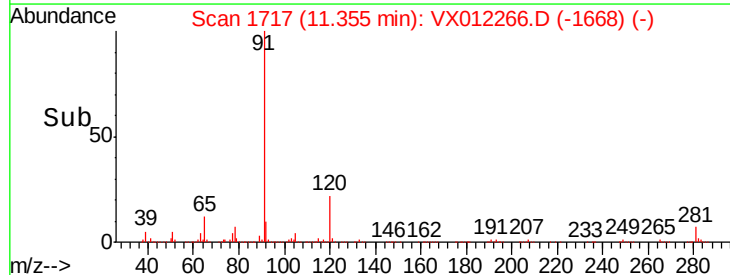
91 100

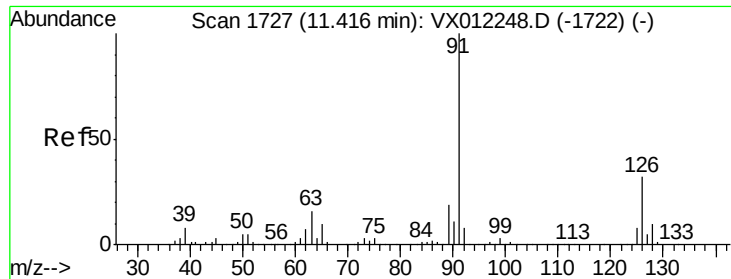
120 22.5 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

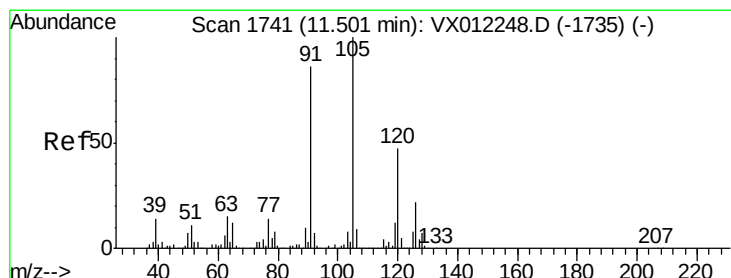
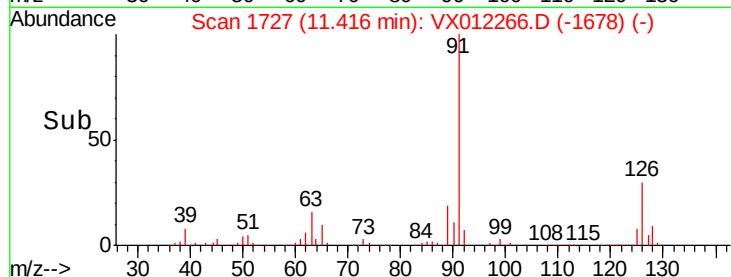
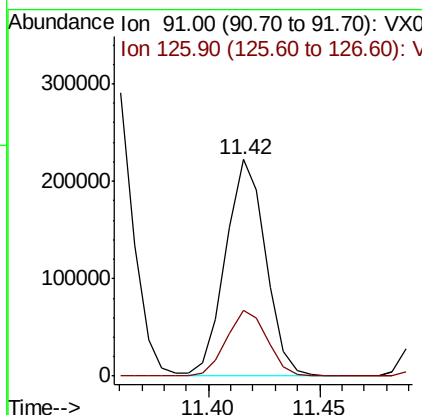
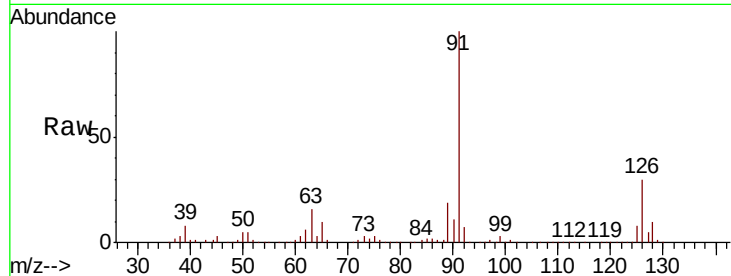




#79
 2-Chlorotoluene
 Concen: 49.850 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

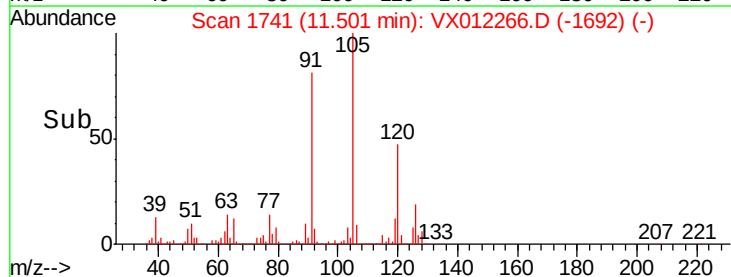
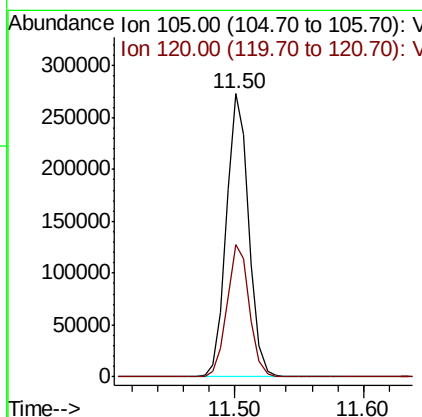
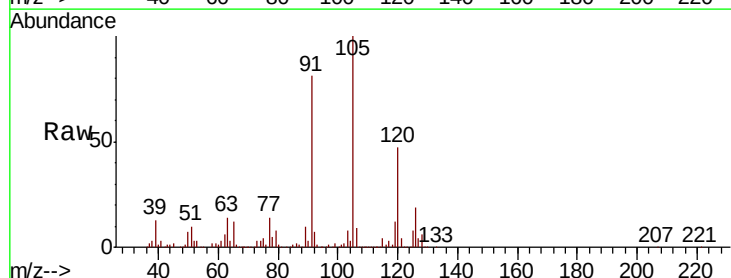
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

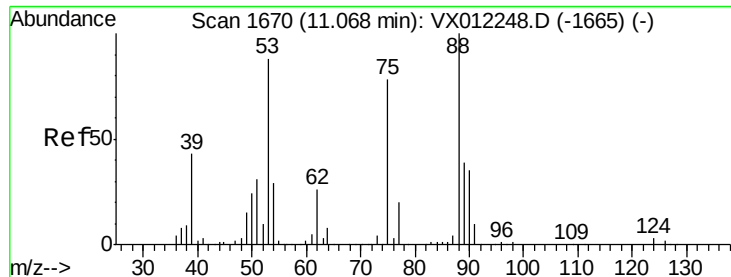
Tgt Ion: 91 Resp: 277543
 Ion Ratio Lower Upper
 91 100
 126 31.3 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 49.580 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

Tgt Ion: 105 Resp: 331800
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 50.194 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

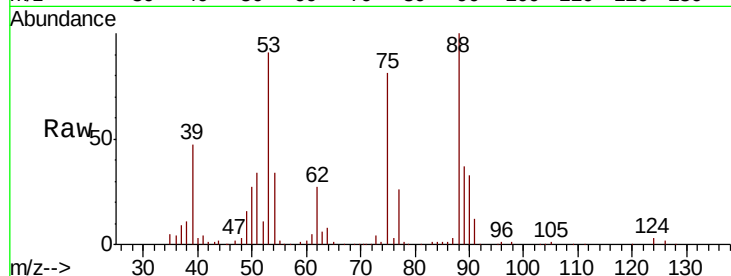
Tgt Ion: 75 Resp: 24327

Ion Ratio Lower Upper

75 100

53 107.5 88.1 132.1

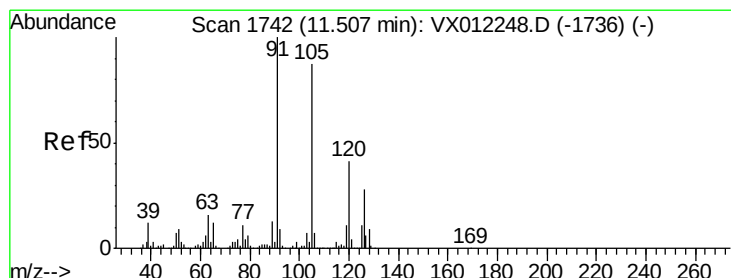
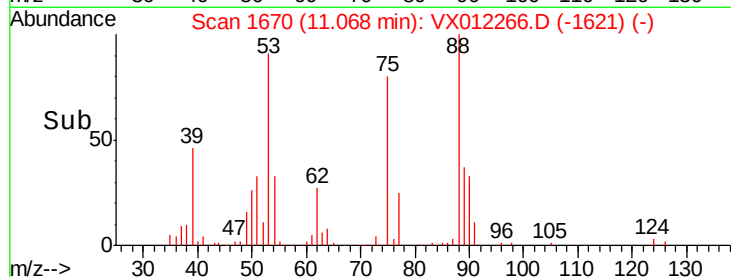
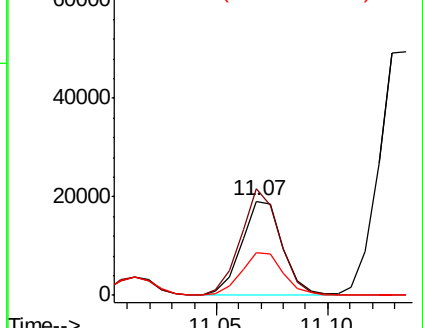
89 46.3 43.5 65.3



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: 49.888 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012266.D

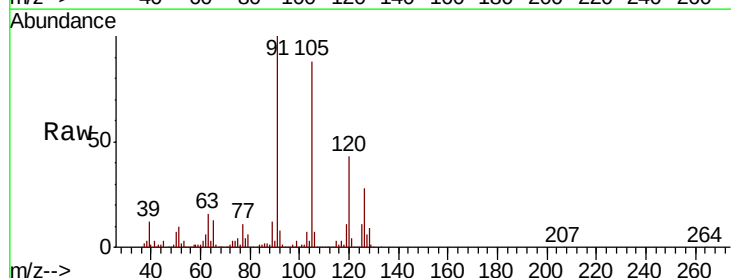
Acq: 10 Sep 2019 20:11

Tgt Ion: 91 Resp: 333802

Ion Ratio Lower Upper

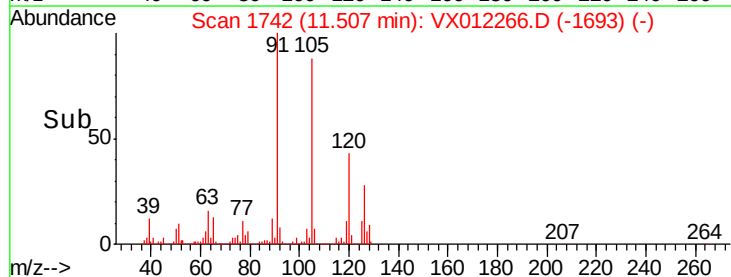
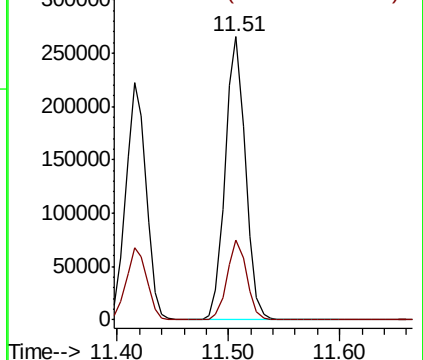
91 100

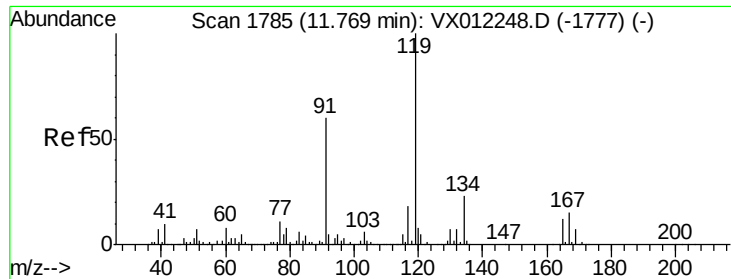
126 27.3 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

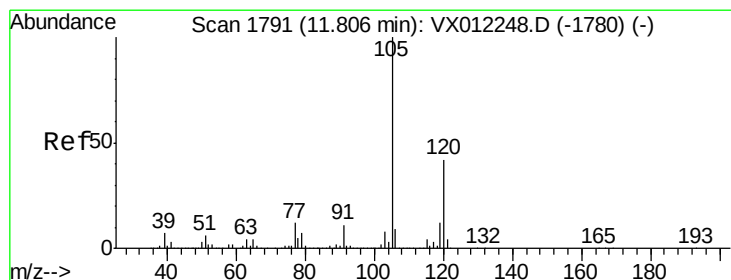
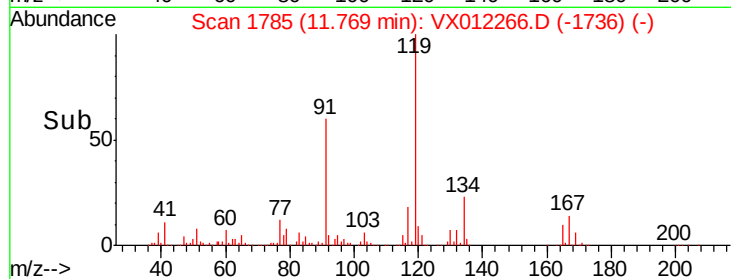
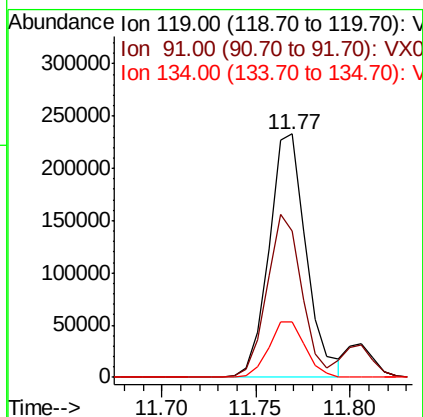
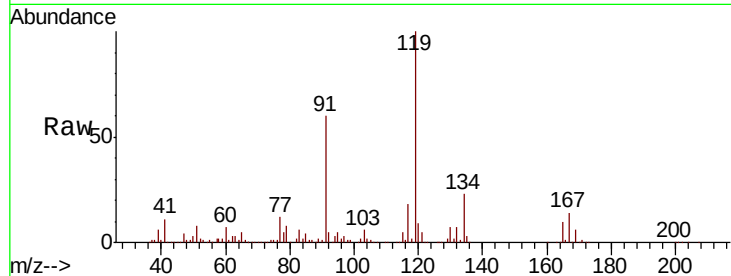




#83
 tert-Butylbenzene
 Concen: 48.926 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

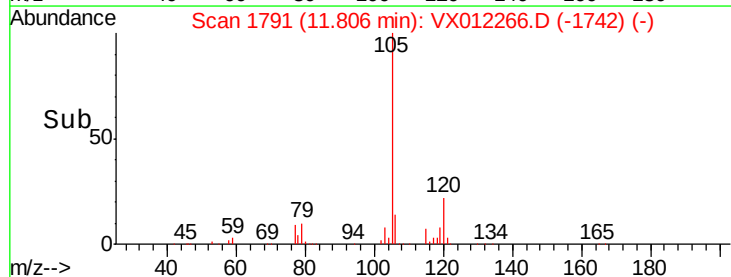
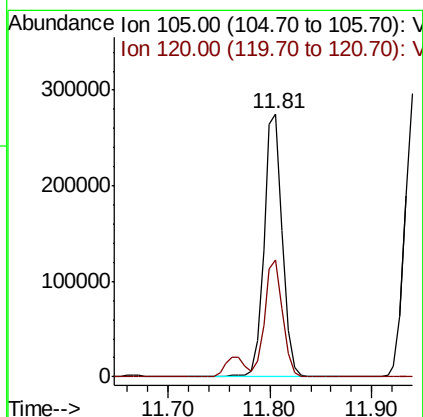
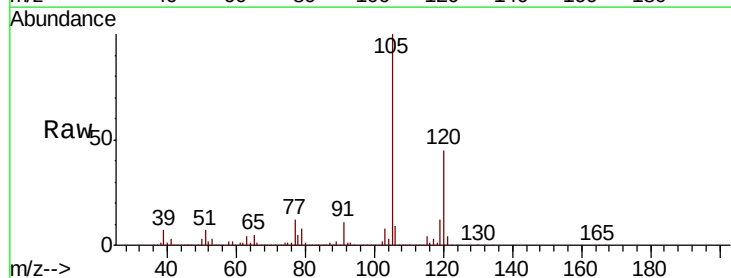
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

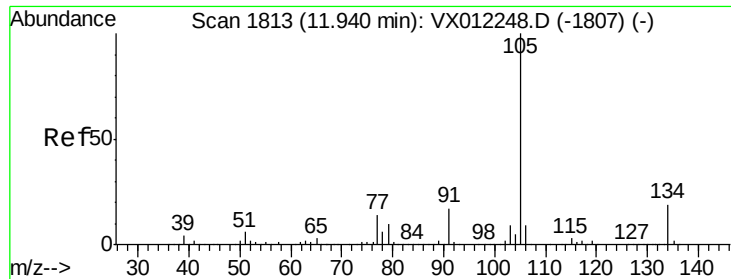
Tgt Ion:119 Resp: 317927
 Ion Ratio Lower Upper
 119 100
 91 62.5 30.9 92.8
 134 22.7 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 49.696 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

Tgt Ion:105 Resp: 343800
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.3 63.9





#85

sec-Butylbenzene

Concen: 48.114 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

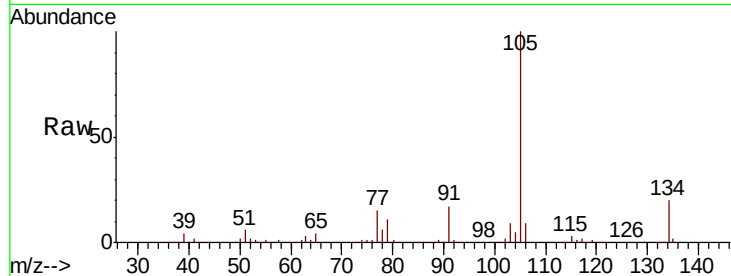
VSTDCCC050EC

Tgt Ion:105 Resp: 373050

Ion Ratio Lower Upper

105 100

134 20.0 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

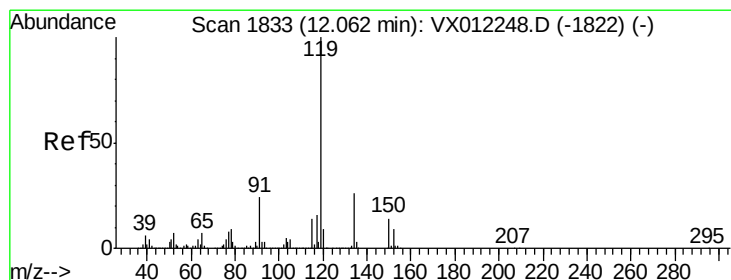
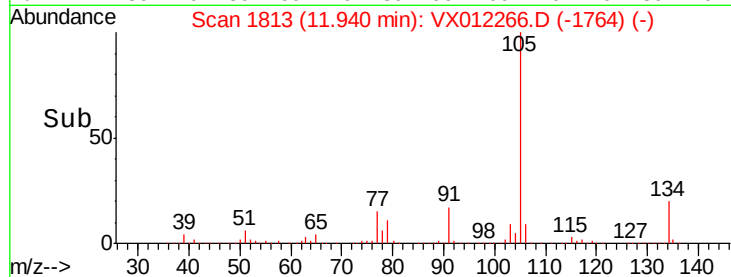
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 48.407 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

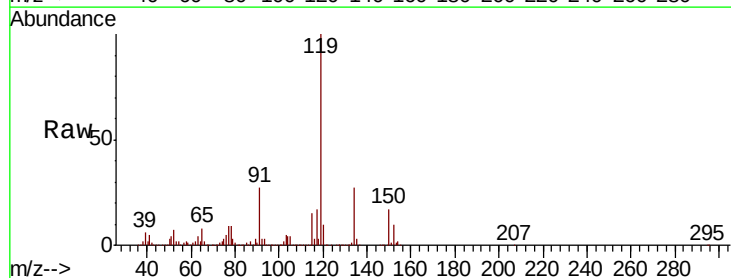
Tgt Ion:119 Resp: 346792

Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.7

91 27.0 13.1 39.1



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

12.06

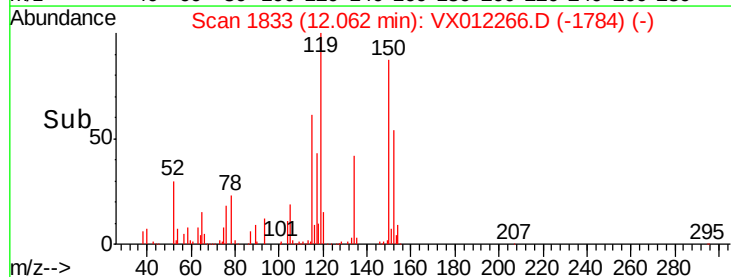
300000

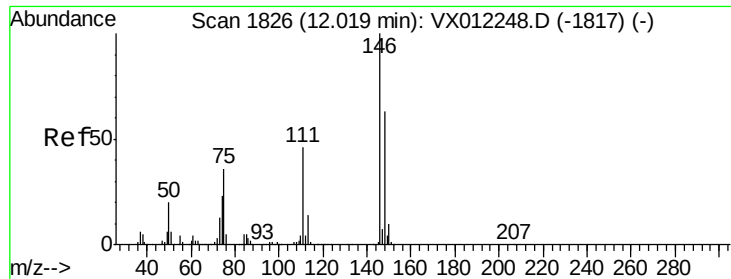
200000

100000

0

Time--> 12.00 12.10

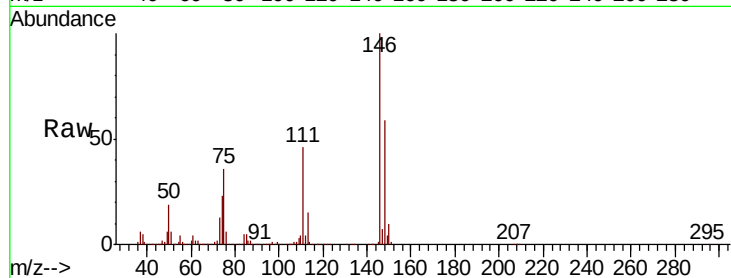




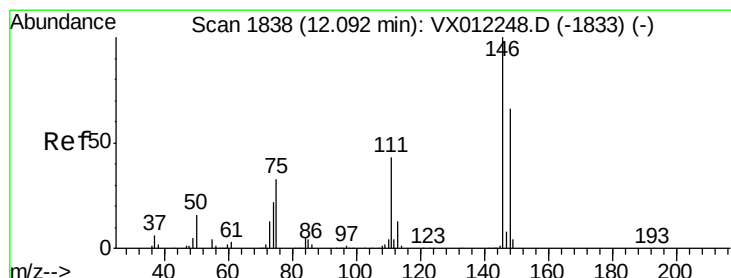
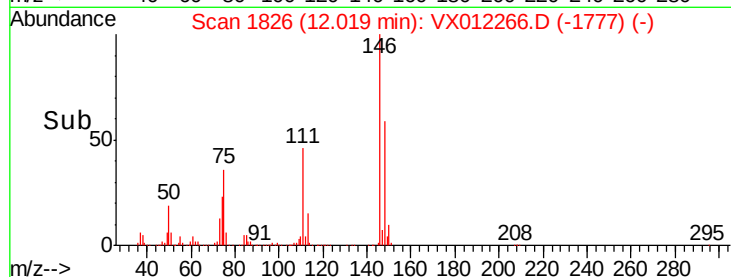
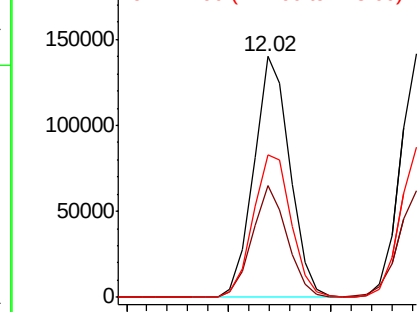
#87
 1,3-Dichlorobenzene
 Concen: 49.406 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 172433
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.3 66.8
 148 62.4 31.5 94.5

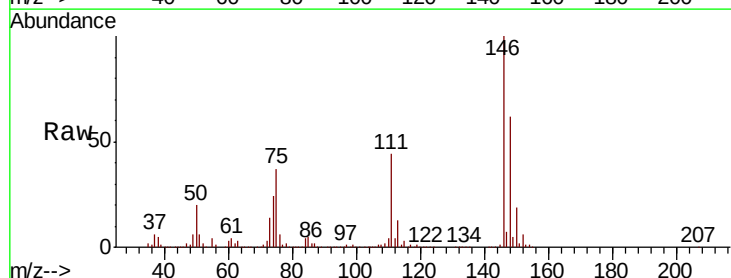


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

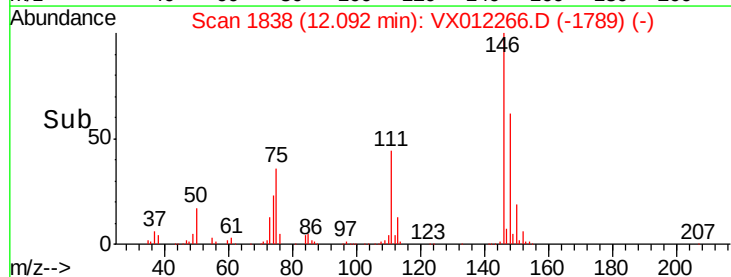
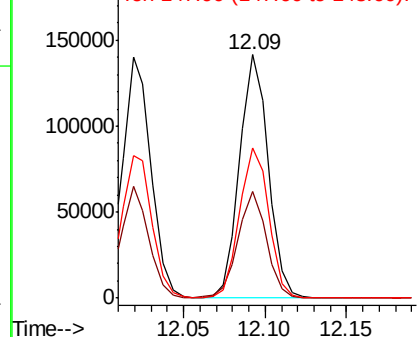


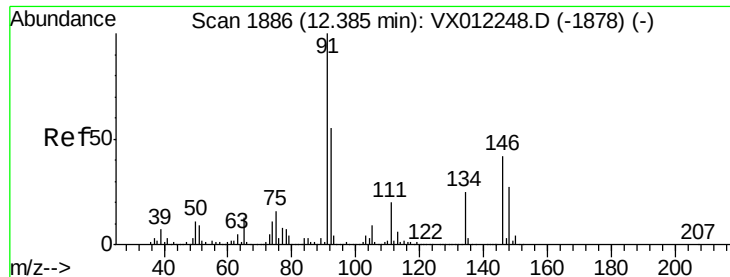
#88
 1,4-Dichlorobenzene
 Concen: 49.086 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

Tgt Ion:146 Resp: 173234
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.6 64.8
 148 63.0 32.4 97.2



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





#89

n-Butylbenzene

Concen: 47.854 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012266.D

Acq: 10 Sep 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

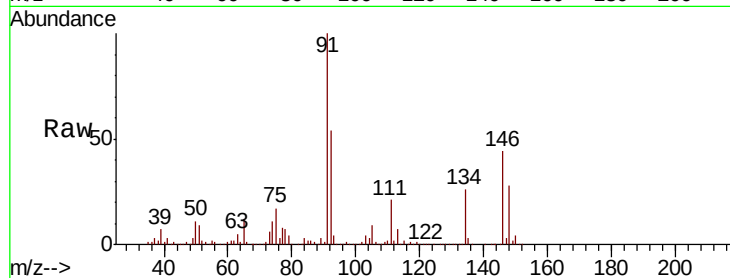
Tgt Ion: 91 Resp: 336018

Ion Ratio Lower Upper

91 100

92 54.8 27.6 82.7

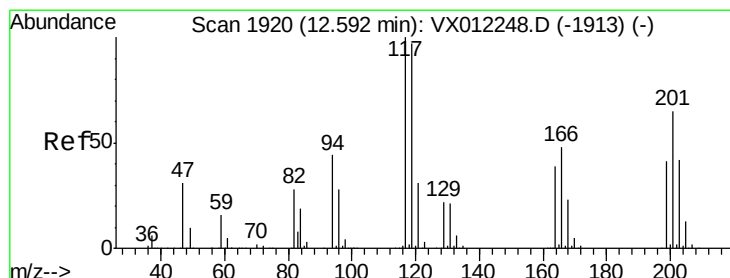
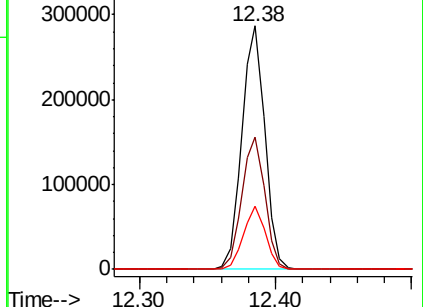
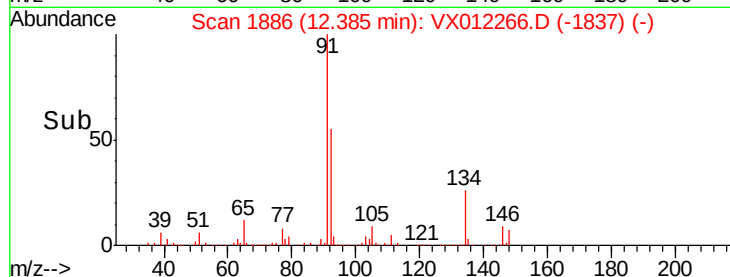
134 25.0 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX012248.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX012248.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX012248.D (-1878) (-)



#90

Hexachloroethane

Concen: 50.039 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012266.D

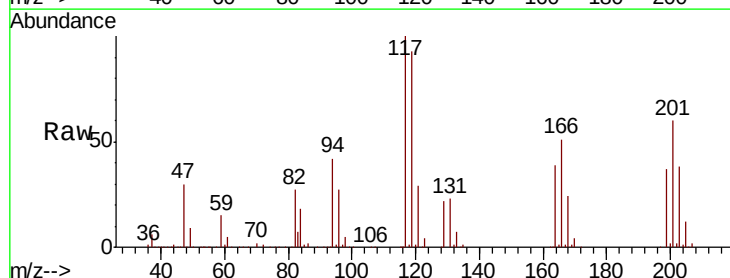
Acq: 10 Sep 2019 20:11

Tgt Ion: 117 Resp: 66030

Ion Ratio Lower Upper

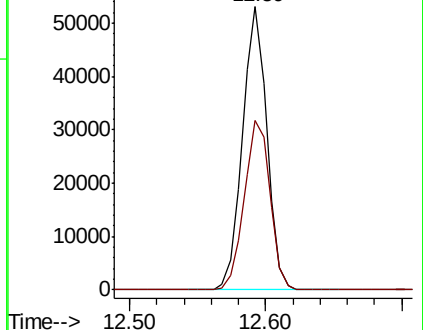
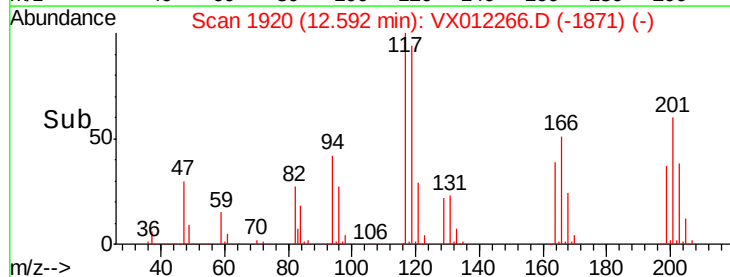
117 100

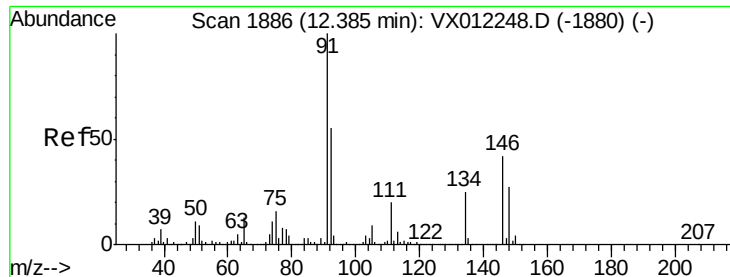
201 63.7 32.2 96.6



Abundance Ion 116.80 (116.50 to 117.50): VX012248.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012248.D (-1913) (-)

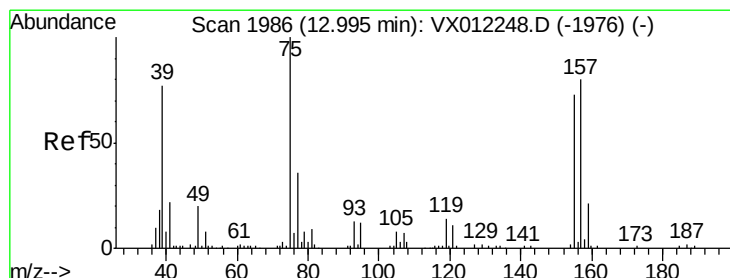
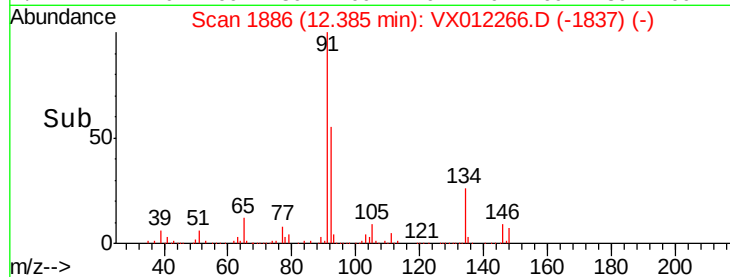
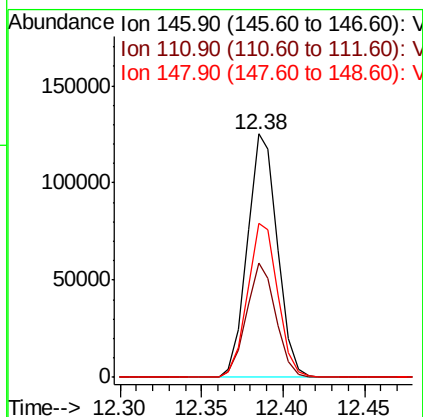
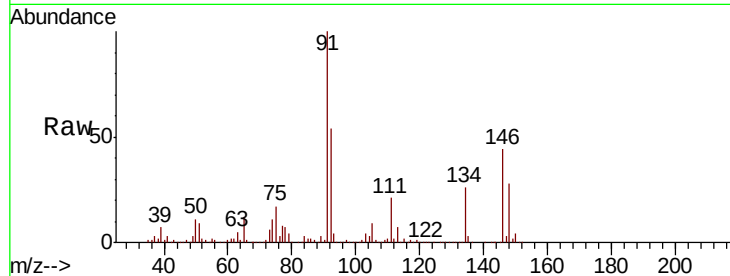




#91
 1,2-Dichlorobenzene
 Concen: 49.570 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

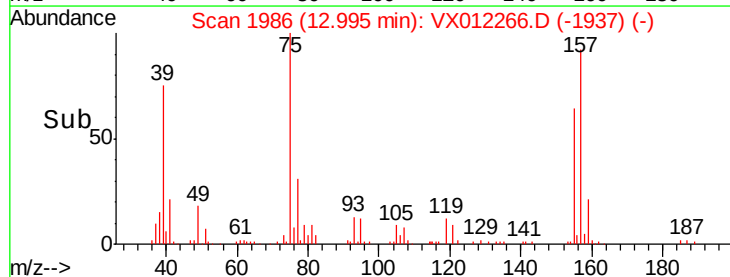
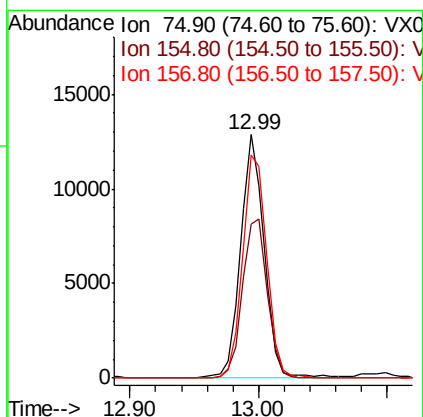
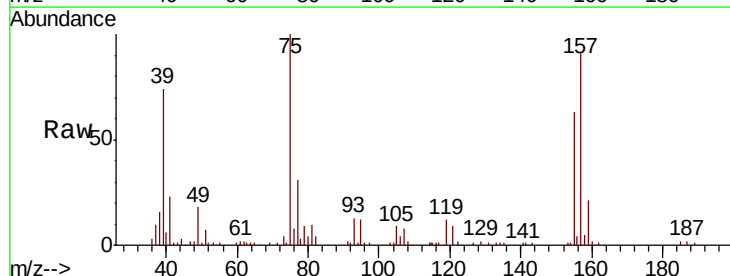
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

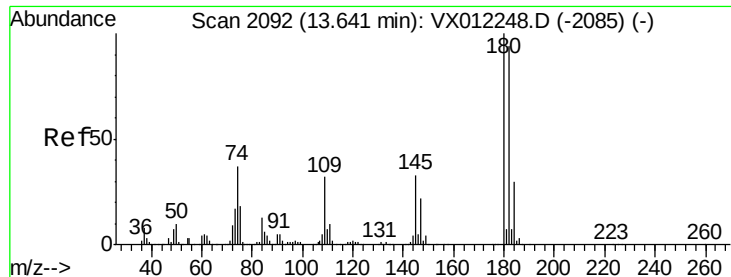
Tgt Ion:146 Resp: 160039
 Ion Ratio Lower Upper
 146 100
 111 46.5 23.2 69.6
 148 64.1 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.104 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

Tgt Ion: 75 Resp: 16345
 Ion Ratio Lower Upper
 75 100
 155 68.0 35.3 105.7
 157 92.2 43.2 129.6

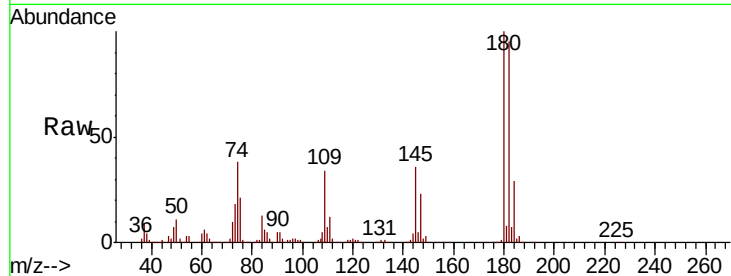




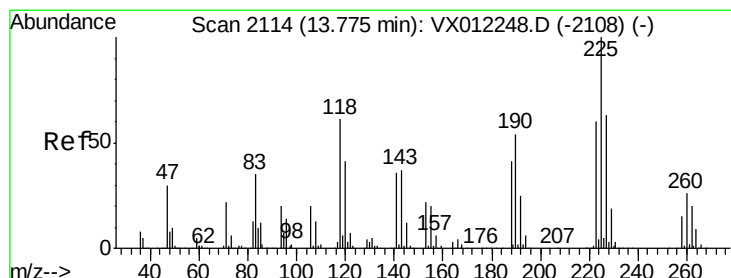
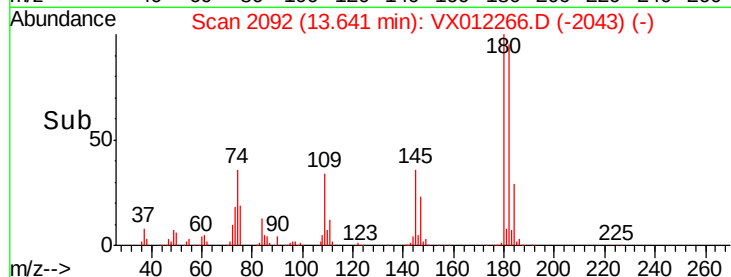
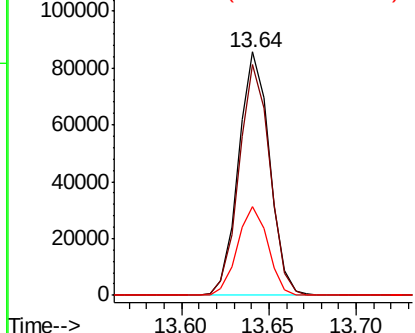
#93
 1,2,4-Trichlorobenzene
 Concen: 47.414 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 105714
 Ion Ratio Lower Upper
 180 100
 182 94.0 46.9 140.8
 145 35.7 17.1 51.2

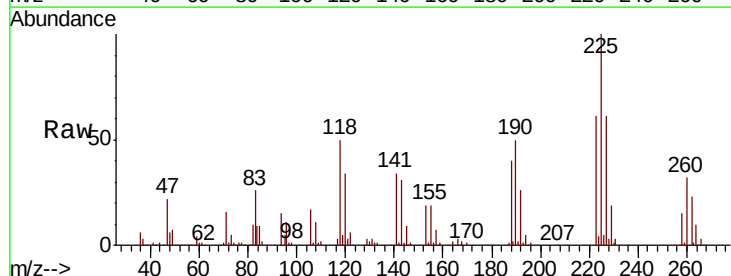


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

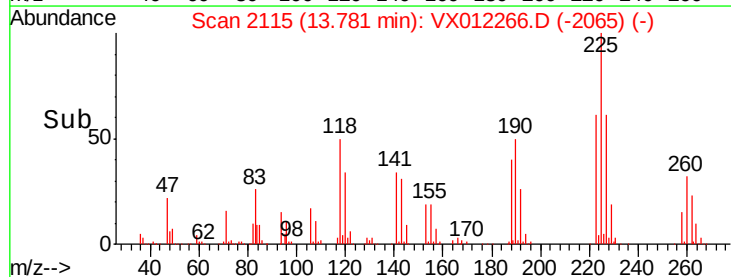
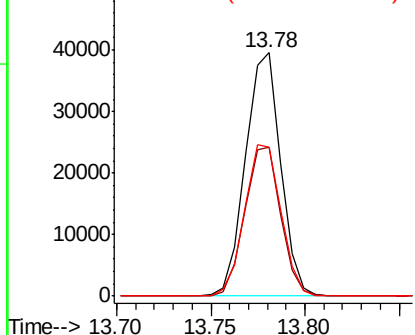


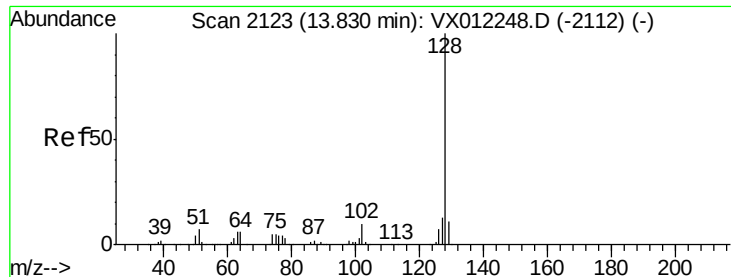
#94
 Hexachlorobutadiene
 Concen: 46.176 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX012266.D
 Acq: 10 Sep 2019 20:11

Tgt Ion:225 Resp: 51217
 Ion Ratio Lower Upper
 225 100
 223 62.4 32.1 96.5
 227 64.2 32.5 97.5



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

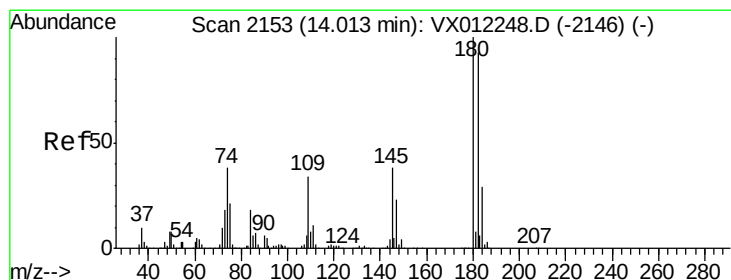
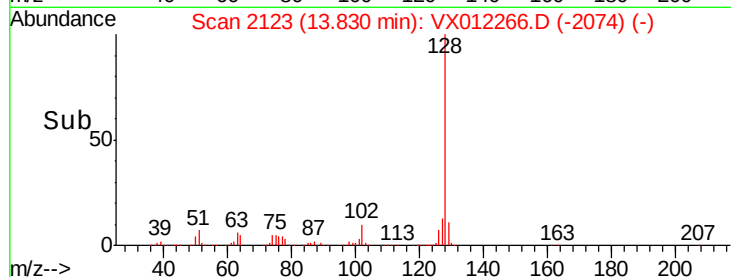
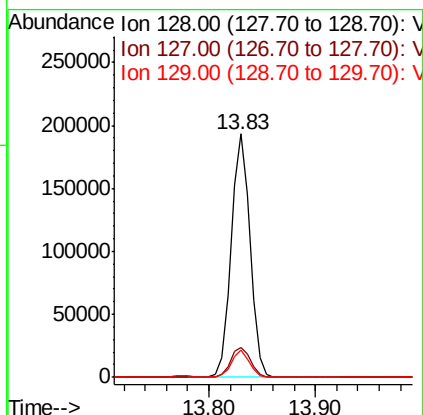
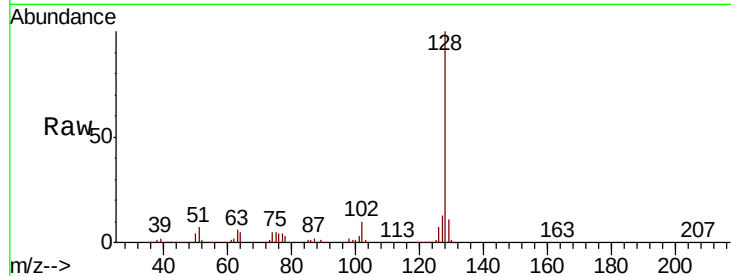




#95
Naphthalene
Concen: 50.209 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 240235
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 48.762 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012266.D
Acq: 10 Sep 2019 20:11

Tgt Ion:180 Resp: 96194
Ion Ratio Lower Upper
180 100
182 94.4 47.0 141.0
145 36.5 18.6 55.8

