

Data File : VX012188.D
Acq On : 07 Sep 2019 20:46
Operator : SY/SP
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 08 07:45:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	114272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	214941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	199690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100541	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	94614	60.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.02%	
35) Dibromofluoromethane	5.48	113	73114	55.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.62%	
50) Toluene-d8	8.71	98	266786	55.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.00%	
62) 4-Bromofluorobenzene	11.14	95	119018	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	52520	49.840	ug/l	98
3) Chloromethane	1.31	50	59786	55.398	ug/l	98
4) Vinyl Chloride	1.39	62	55411	54.573	ug/l	98
5) Bromomethane	1.62	94	30650	60.851	ug/l	99
6) Chloroethane	1.71	64	36117	57.219	ug/l	98
7) Trichlorofluoromethane	1.92	101	87611	55.554	ug/l	99
8) Diethyl Ether	2.17	74	33261	61.031	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.37	101	62932	53.877	ug/l #	83
10) Methyl Iodide	2.50	142	40257	36.271	ug/l	90
11) Tert butyl alcohol	3.03	59	40560	267.820	ug/l	95
12) 1,1-Dichloroethene	2.36	96	59386	52.777	ug/l	90
13) Acrolein	2.28	56	10585	278.723	ug/l	94
14) Allyl chloride	2.72	41	114490	56.231	ug/l	98
15) Acrylonitrile	3.13	53	99610	290.869	ug/l	98
16) Acetone	2.43	43	92758	246.126	ug/l	97
17) Carbon Disulfide	2.56	76	176875	53.786	ug/l	99
18) Methyl Acetate	2.76	43	51140	57.602	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	212153	57.913	ug/l	99
20) Methylene Chloride	2.84	84	79924	52.812	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	72031	54.551	ug/l	93
22) Diisopropyl ether	3.84	45	241930	58.296	ug/l	95
23) Vinyl Acetate	3.80	43	800471	298.172	ug/l	97
24) 1,1-Dichloroethane	3.69	63	138075	57.366	ug/l	99
25) 2-Butanone	4.65	43	137129	285.847	ug/l	94
26) 2,2-Dichloropropane	4.56	77	108293	48.733	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	86125	55.643	ug/l	92
28) Bromochloromethane	5.00	49	51726	53.838	ug/l #	78
29) Tetrahydrofuran	5.11	42	85919	297.260	ug/l	98
30) Chloroform	5.20	83	146881	56.872	ug/l	100
31) Cyclohexane	5.56	56	99915	51.687	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	125968	56.002	ug/l	97
36) 1,1-Dichloropropene	5.79	75	100405	53.037	ug/l	95
37) Ethyl Acetate	4.82	43	61677	59.913	ug/l	98
38) Carbon Tetrachloride	5.77	117	107095	53.687	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	107490	48.922	ug/l	93
40) Benzene	6.13	78	295927	54.451	ug/l	100
41) Methacrylonitrile	5.03	41	37046	60.344	ug/l	96
42) 1,2-Dichloroethane	6.18	62	117462	60.060	ug/l	97
43) Isopropyl Acetate	6.43	43	122636	58.588	ug/l	98
44) Trichloroethene	7.20	130	77269	52.713	ug/l	82
45) 1,2-Dichloropropane	7.51	63	77771	55.387	ug/l	97
46) Dibromomethane	7.65	93	46578	56.825	ug/l #	74
47) Bromodichloromethane	7.89	83	115244	55.313	ug/l	95
48) Methyl methacrylate	7.76	41	61239	58.186	ug/l	94
49) 1,4-Dioxane	7.73	88	15961	1112.454	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	310597	291.727	ug/l	97
52) Toluene	8.78	92	192503	54.440	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	116206	53.873	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	129189	53.858	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	65342	55.759	ug/l	98
56) Ethyl methacrylate	9.17	69	93381	55.632	ug/l	93
57) 1,3-Dichloropropane	9.37	76	113962	56.356	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	188906	249.627	ug/l	94
59) 2-Hexanone	9.48	43	223287	287.417	ug/l	96
60) Dibromochloromethane	9.57	129	77720	55.648	ug/l	99
61) 1,2-Dibromoethane	9.67	107	63627	56.190	ug/l	99
64) Tetrachloroethene	9.33	164	70472	56.606	ug/l #	88
65) Chlorobenzene	10.14	112	210661	53.467	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	79844	55.422	ug/l	99
67) Ethyl Benzene	10.25	91	379967	52.906	ug/l	97
68) m/p-Xylenes	10.35	106	282354	106.706	ug/l	90
69) o-Xylene	10.70	106	137393	53.546	ug/l	89
70) Styrene	10.71	104	243685	54.678	ug/l	95
71) Bromoform	10.85	173	42803	54.093	ug/l	98
73) Isopropylbenzene	11.01	105	369449	50.082	ug/l	97
74) N-amyl acetate	10.89	43	117002	53.644	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	79651	51.793	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	88829	72.309	ug/l	76
77) Bromobenzene	11.25	156	87915	53.287	ug/l	70
78) n-propylbenzene	11.35	91	449824	50.473	ug/l	93
79) 2-Chlorotoluene	11.42	91	277027	51.309	ug/l	91
80) 1,3,5-Trimethylbenzene	11.50	105	327061	50.592	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	23346	44.929	ug/l	91
82) 4-Chlorotoluene	11.51	91	335228	52.092	ug/l	92
83) tert-Butylbenzene	11.76	119	312464	50.712	ug/l	89
84) 1,2,4-Trimethylbenzene	11.81	105	340373	51.228	ug/l	95
85) sec-Butylbenzene	11.94	105	374632	48.951	ug/l	94
86) p-Isopropyltoluene	12.06	119	347551	49.935	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	174342	52.736	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	172148	52.078	ug/l	93
89) n-Butylbenzene	12.39	91	332765	49.218	ug/l	96
90) Hexachloroethane	12.59	117	66725	48.014	ug/l	57
91) 1,2-Dichlorobenzene	12.39	146	160044	53.753	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17324	53.832	ug/l	64

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090719\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	107030	50.504	ug/l	96
94) Hexachlorobutadiene	13.78	225	52843	49.466	ug/l	98
95) Naphthalene	13.83	128	250214	54.553	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	97400	52.241	ug/l	95

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

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Instrument :
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ClientSampleId :
VSTDCCC050EC

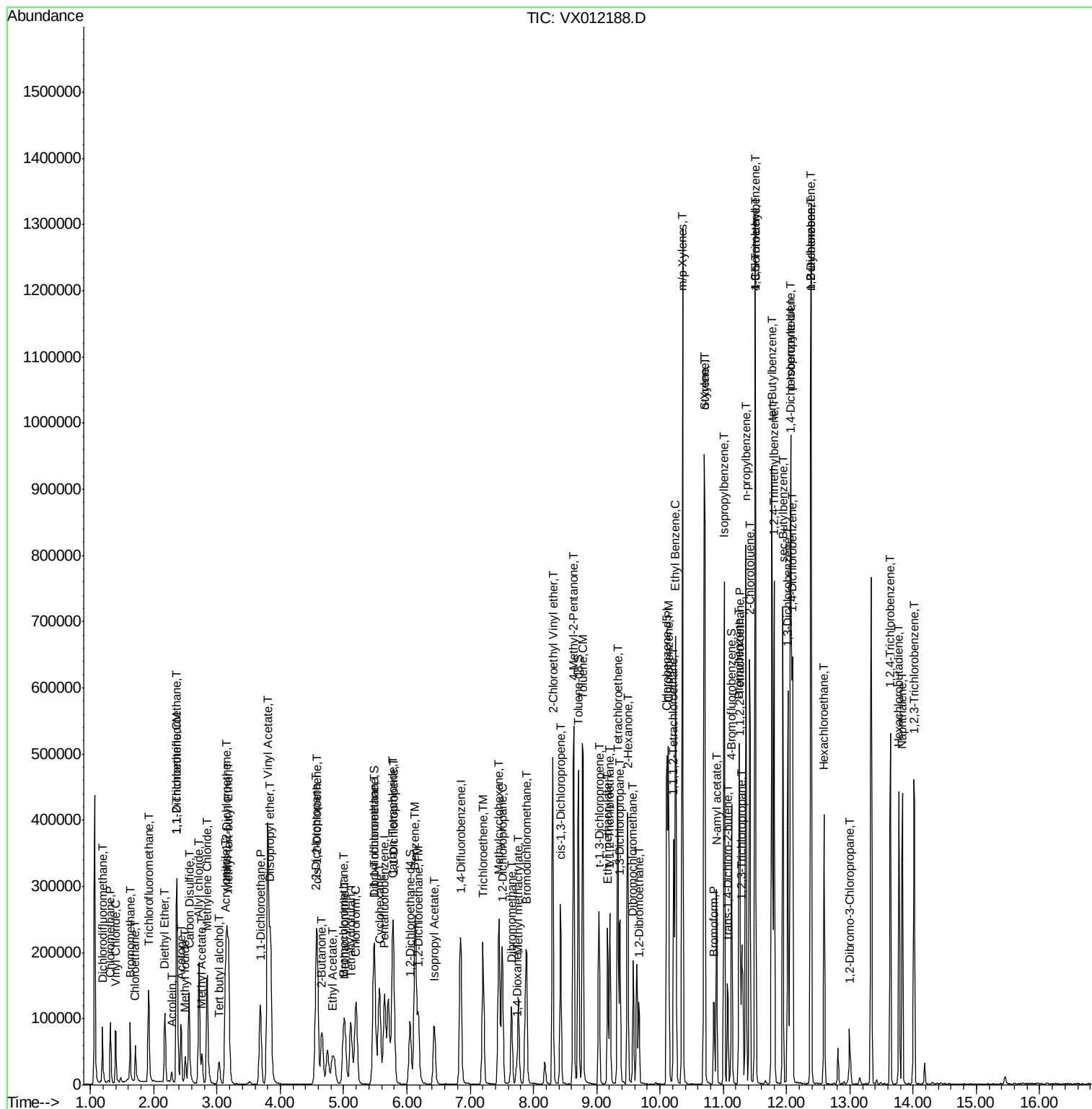
Quant Time: Sep 08 07:45:30 2019

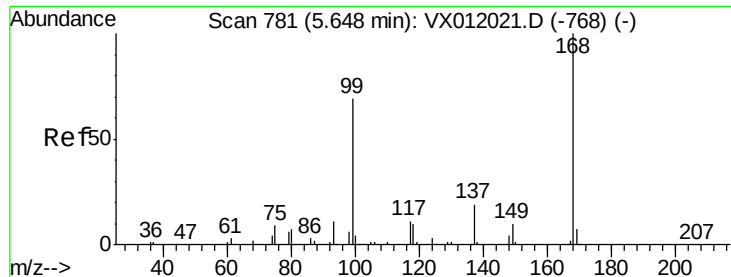
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M

Quant Title : SW846 8260

QLast Update : Tue Sep 03 15:26:48 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

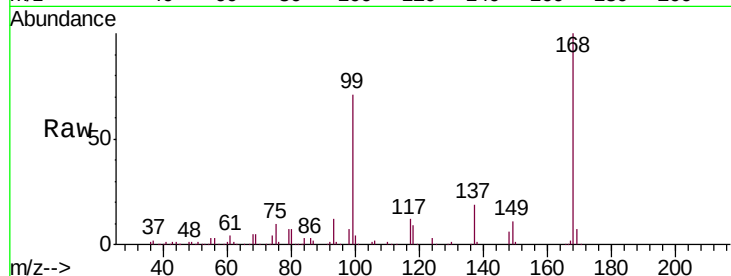
VSTDCCC050EC

Tgt Ion:168 Resp: 114272

Ion Ratio Lower Upper

168 100

99 70.6 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

30000

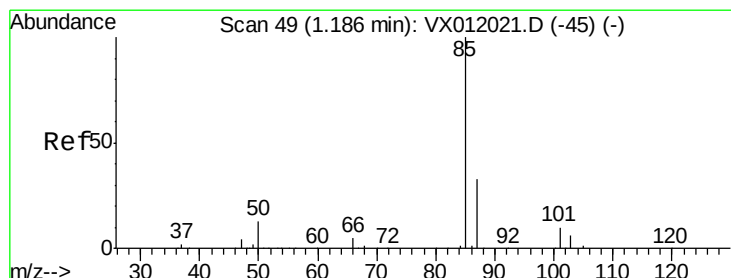
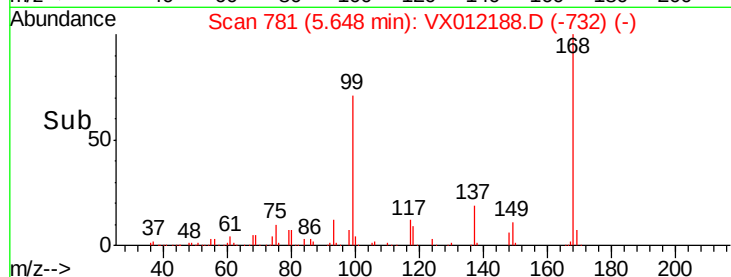
20000

10000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 49.840 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012188.D

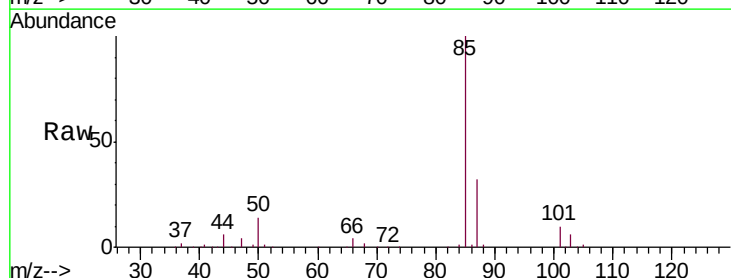
Acq: 07 Sep 2019 20:46

Tgt Ion: 85 Resp: 52520

Ion Ratio Lower Upper

85 100

87 32.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

50000

40000

30000

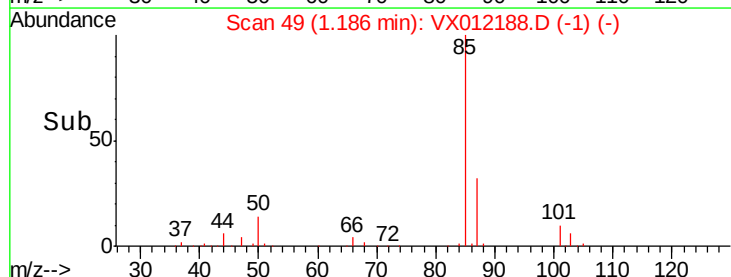
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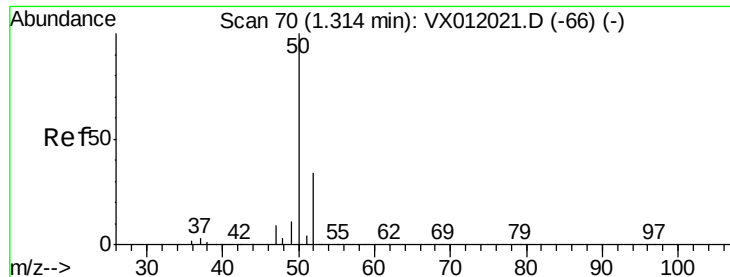
10000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 55.398 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

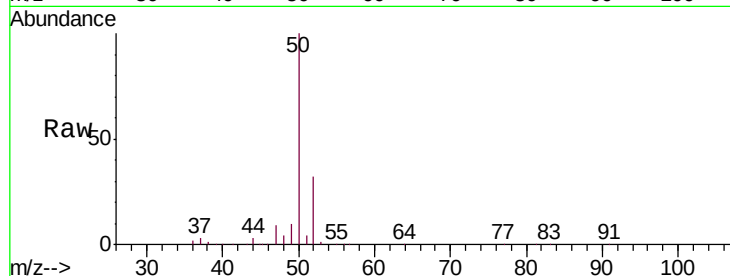
VSTDCCC050EC

Tgt Ion: 50 Resp: 59786

Ion Ratio Lower Upper

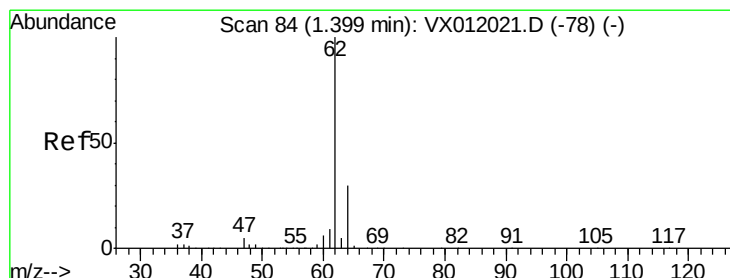
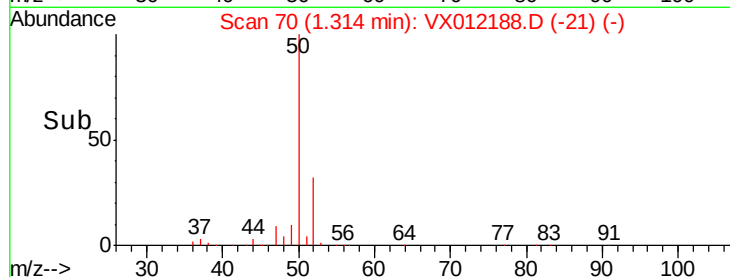
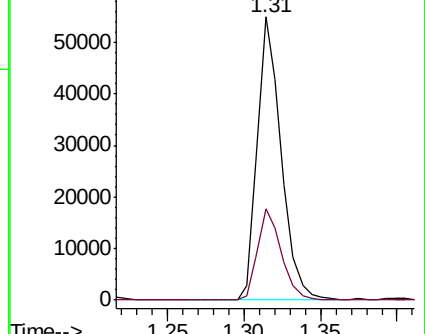
50 100

52 32.2 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 54.573 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012188.D

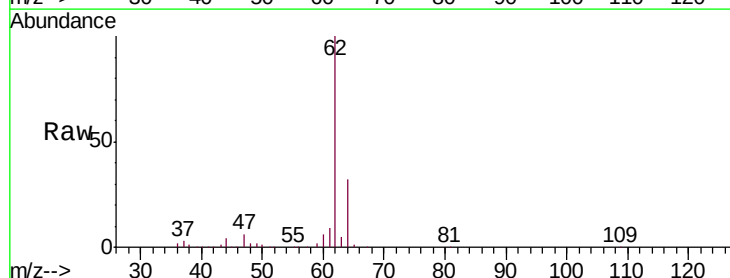
Acq: 07 Sep 2019 20:46

Tgt Ion: 62 Resp: 55411

Ion Ratio Lower Upper

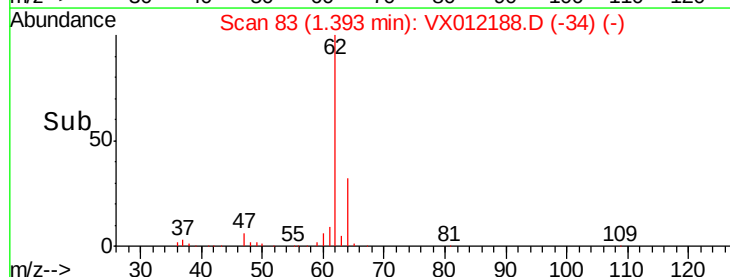
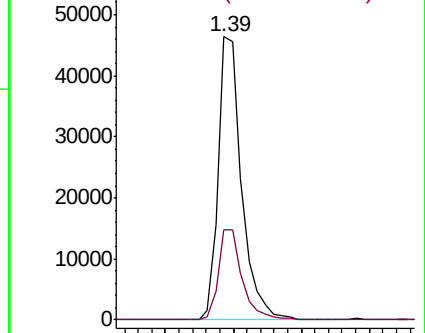
62 100

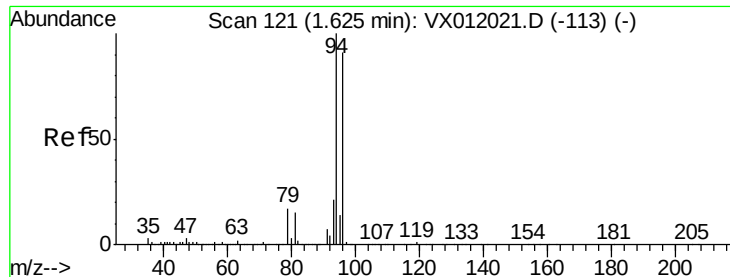
64 31.6 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 60.851 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

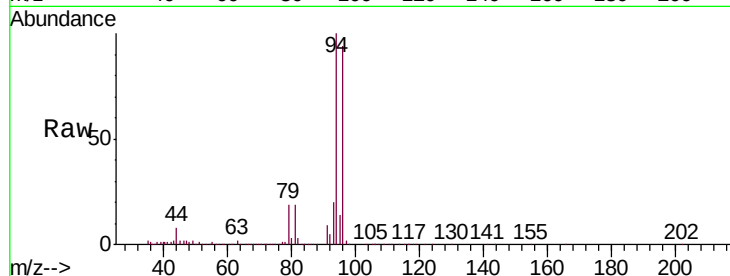
VSTDCCC050EC

Tgt Ion: 94 Resp: 30650

Ion Ratio Lower Upper

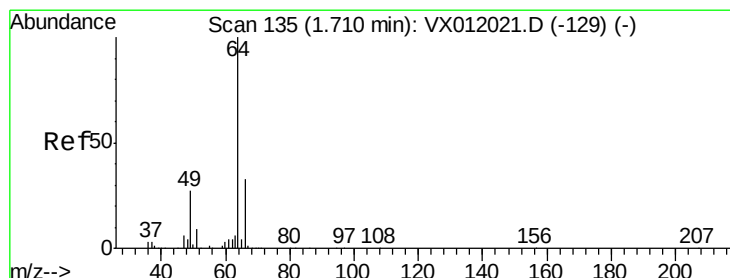
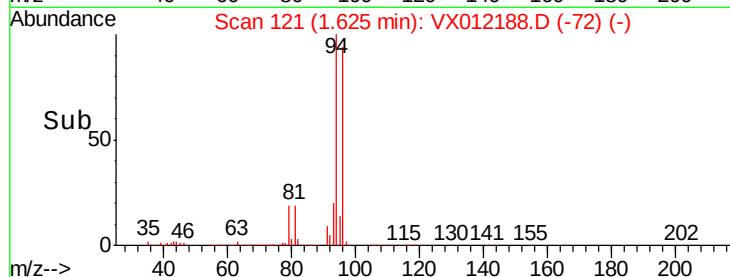
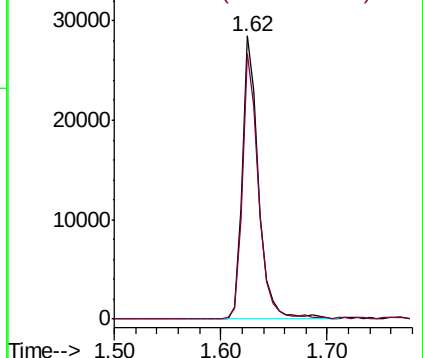
94 100

96 94.0 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 57.219 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012188.D

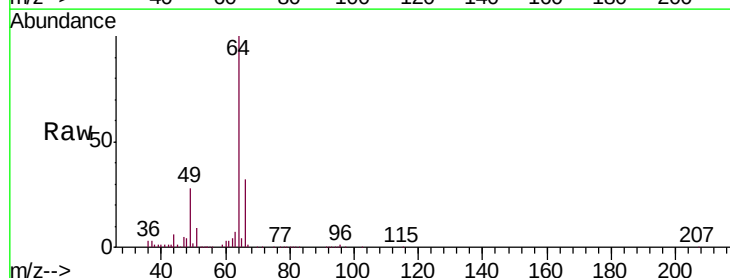
Acq: 07 Sep 2019 20:46

Tgt Ion: 64 Resp: 36117

Ion Ratio Lower Upper

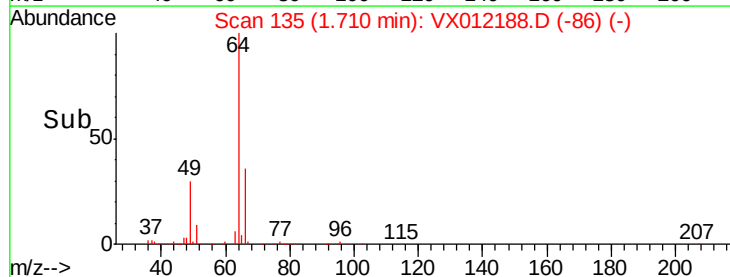
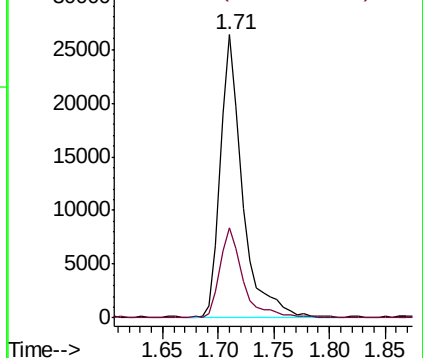
64 100

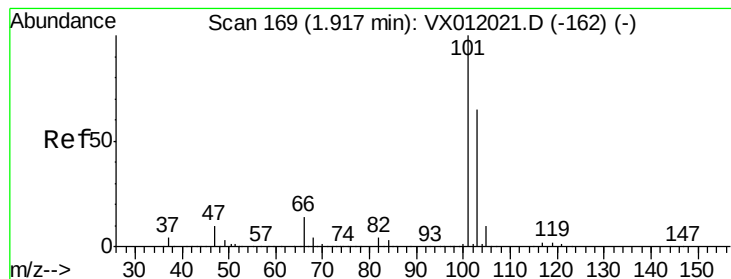
66 32.0 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



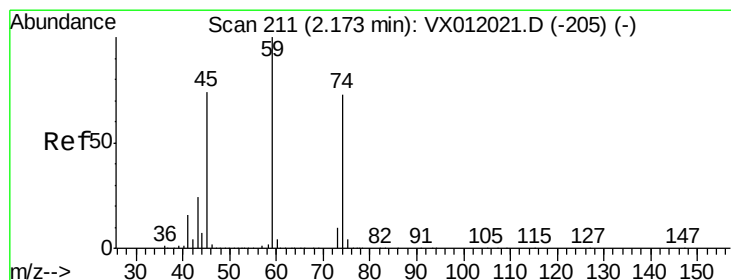
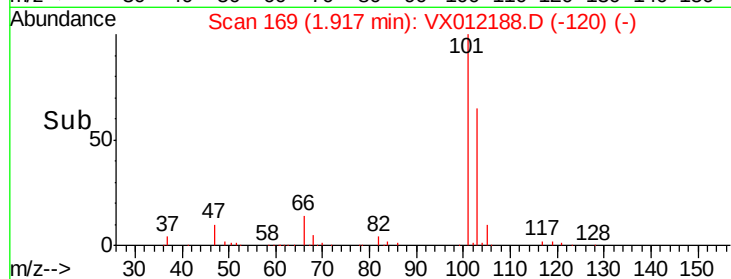
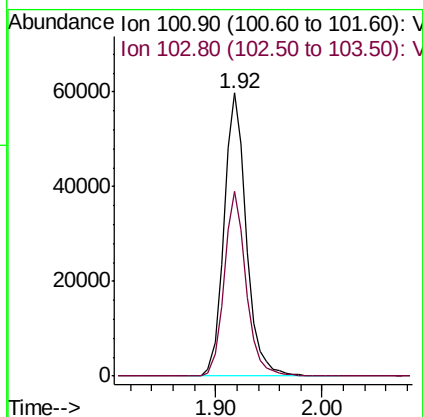
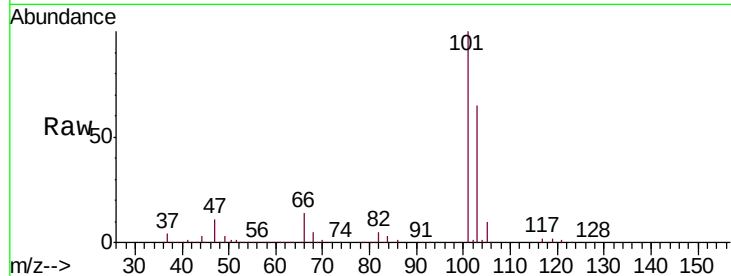


#7

Trichlorofluoromethane
 Concen: 55.554 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012188.D
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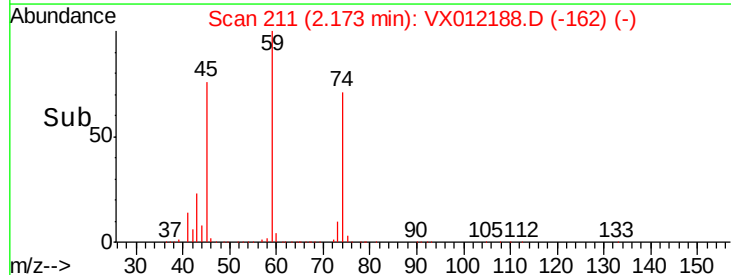
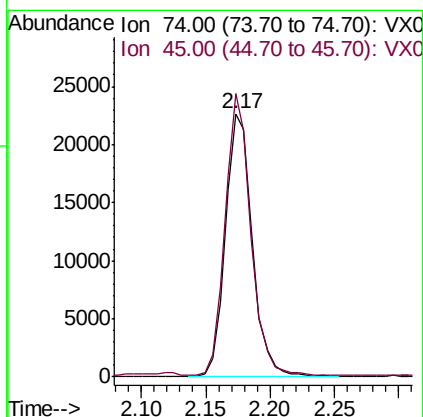
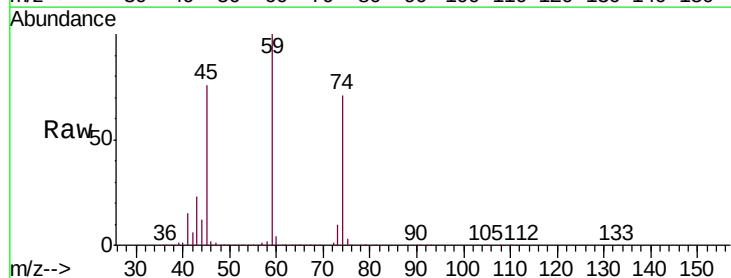
Tgt Ion:101 Resp: 87611
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.6 77.4

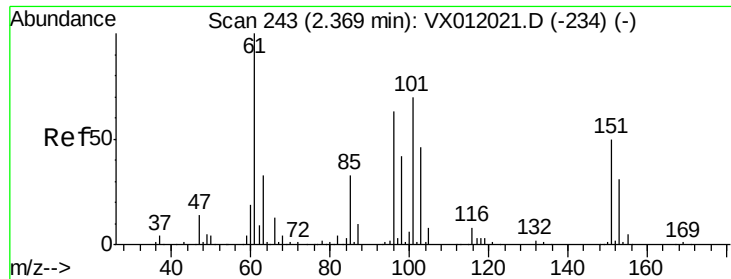


#8

Diethyl Ether
 Concen: 61.031 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion: 74 Resp: 33261
 Ion Ratio Lower Upper
 74 100
 45 102.0 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.877 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

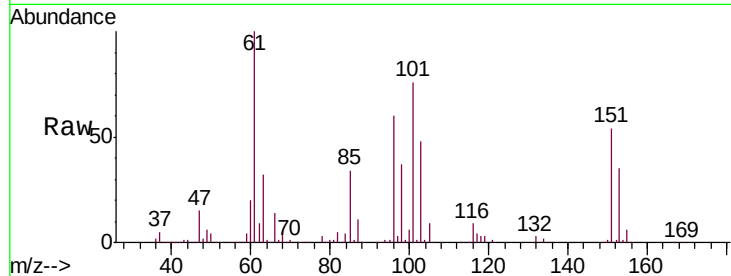
Tgt Ion:101 Resp: 62932

Ion Ratio Lower Upper

101 100

85 45.5 34.5 51.7

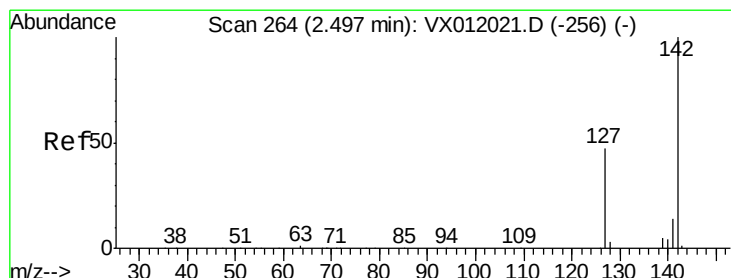
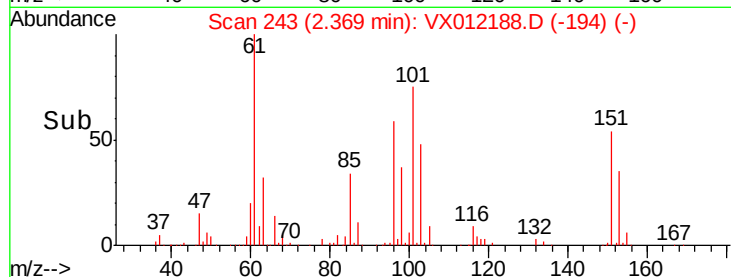
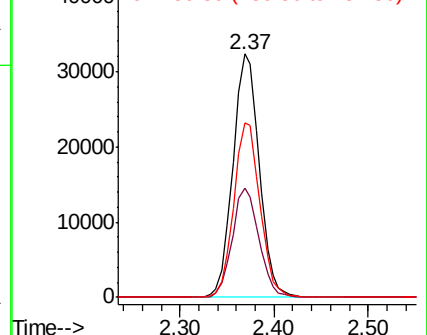
151 71.4 75.0 112.4#



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: 36.271 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

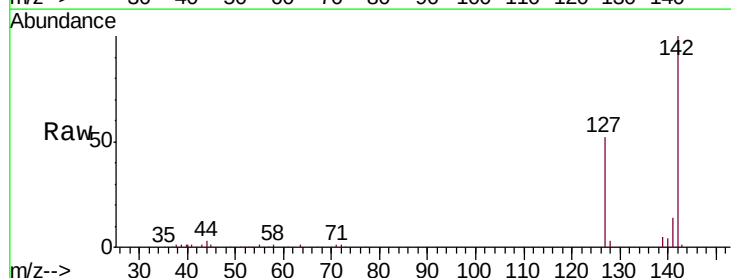
Tgt Ion:142 Resp: 40257

Ion Ratio Lower Upper

142 100

127 52.7 35.4 53.2

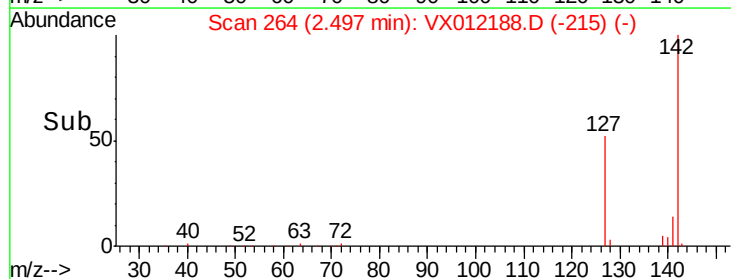
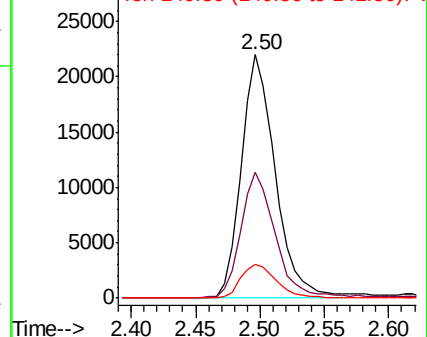
141 14.7 11.4 17.2

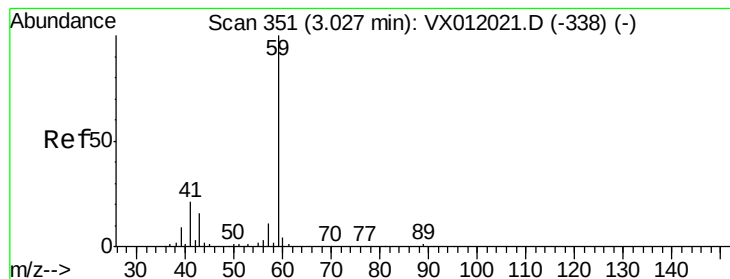


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



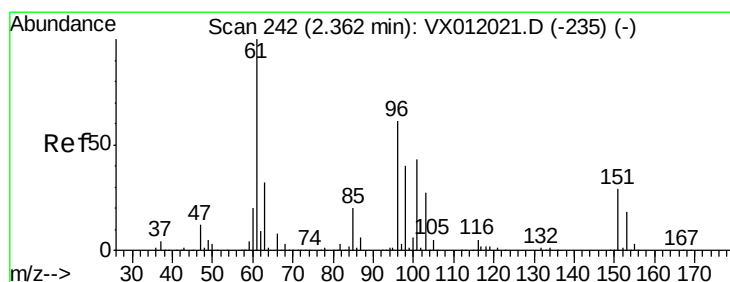
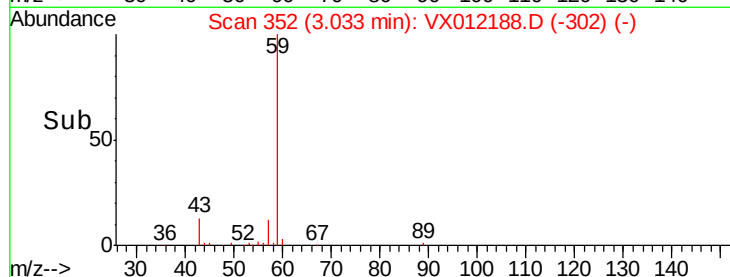
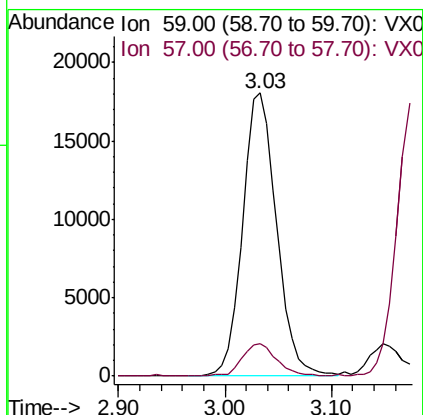
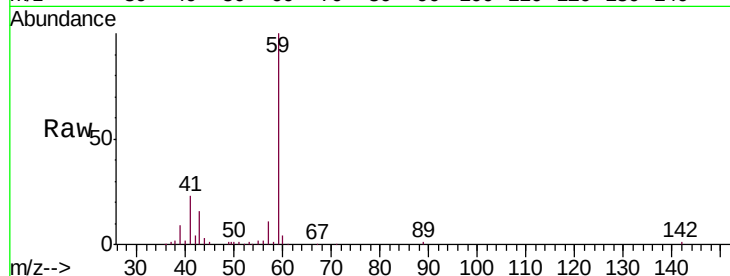


#11

Tert butyl alcohol
 Concen: 267.820 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

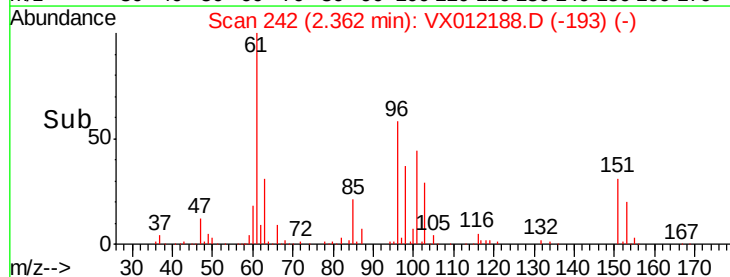
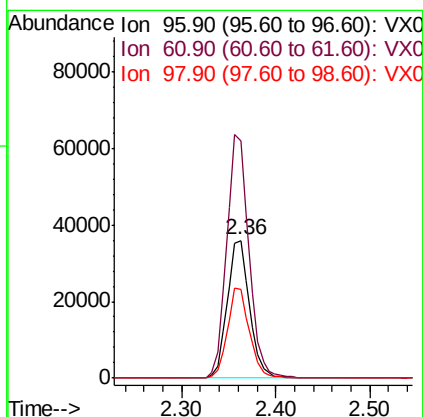
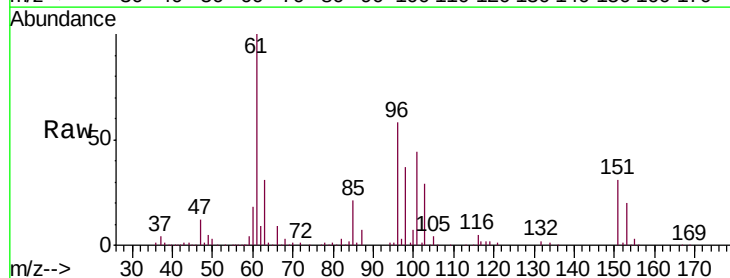
Tgt Ion: 59 Resp: 40560
 Ion Ratio Lower Upper
 59 100
 57 11.8 7.9 11.9

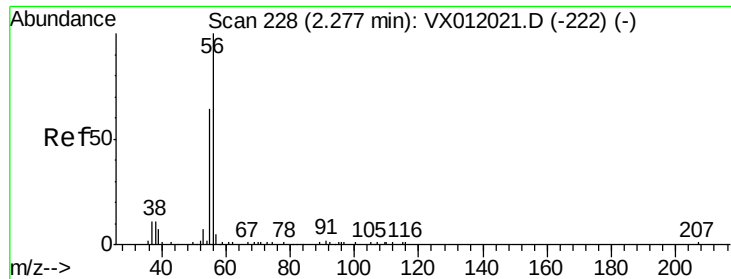


#12

1,1-Dichloroethene
 Concen: 52.777 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion: 96 Resp: 59386
 Ion Ratio Lower Upper
 96 100
 61 172.6 124.1 186.1
 98 64.3 50.2 75.2

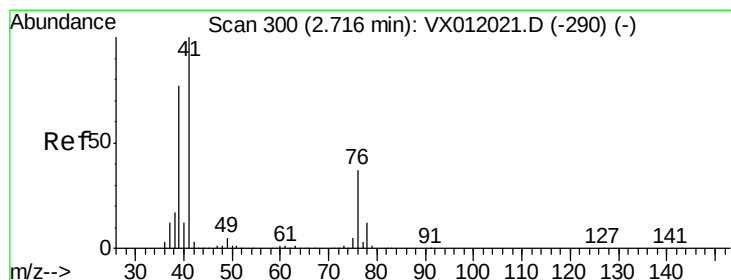
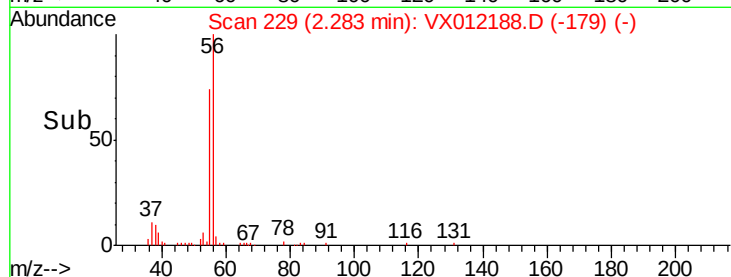
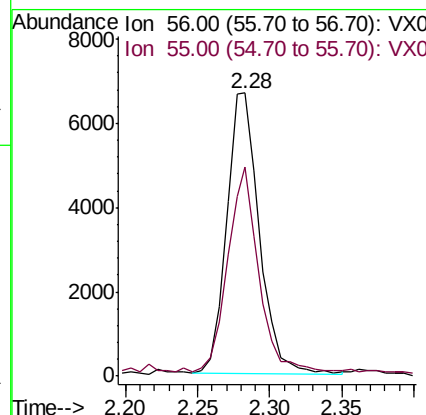
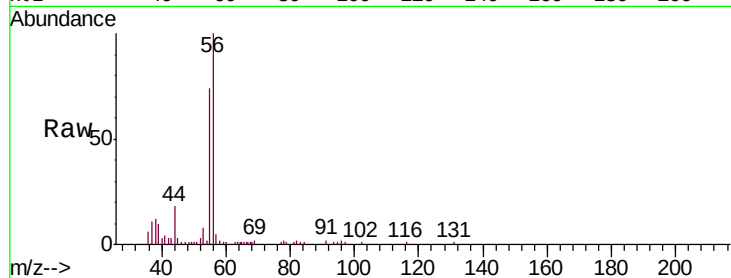




#13
Acrolein
Concen: 278.723 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.01 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

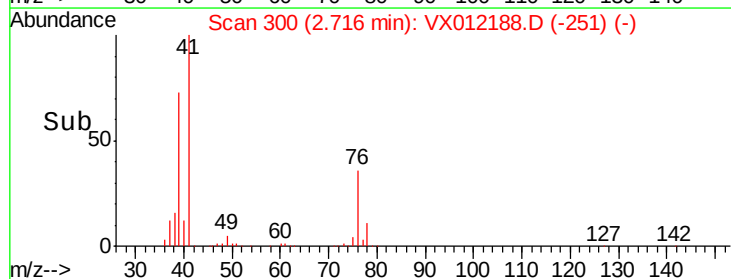
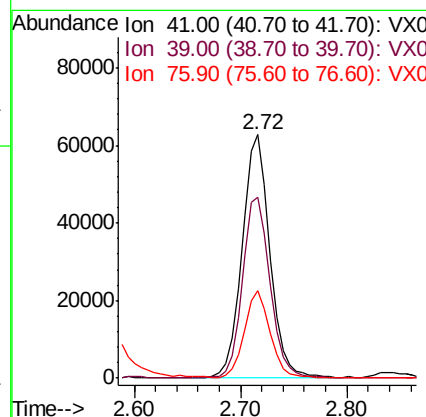
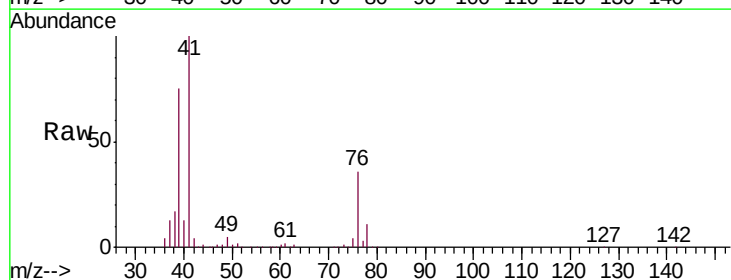
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

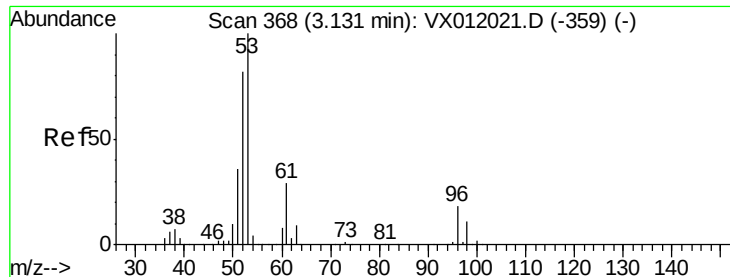
Tgt Ion: 56 Resp: 10585
Ion Ratio Lower Upper
56 100
55 69.1 59.2 88.8



#14
Allyl chloride
Concen: 56.231 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion: 41 Resp: 114490
Ion Ratio Lower Upper
41 100
39 73.9 57.9 86.9
76 33.7 28.5 42.7





#15

Acrylonitrile

Concen: 290.869 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

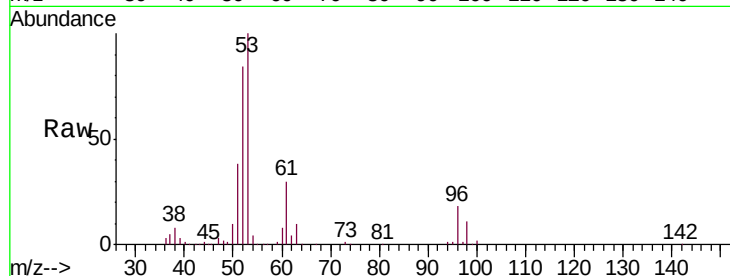
Tgt Ion: 53 Resp: 99610

Ion Ratio Lower Upper

53 100

52 83.3 65.6 98.4

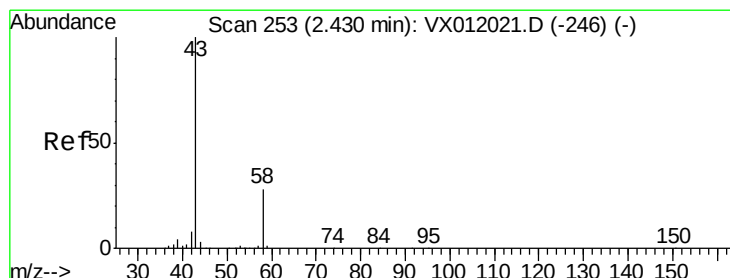
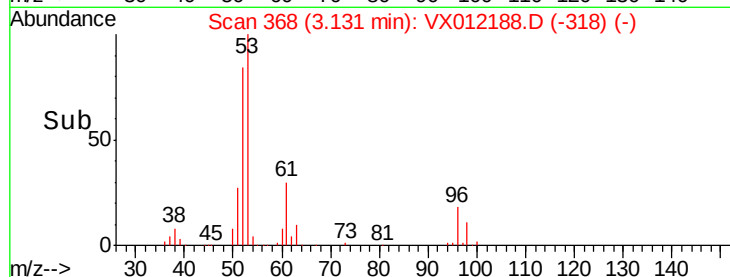
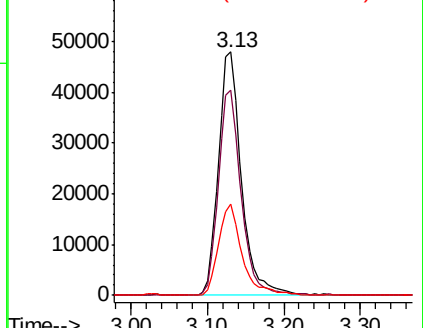
51 38.4 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 246.126 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012188.D

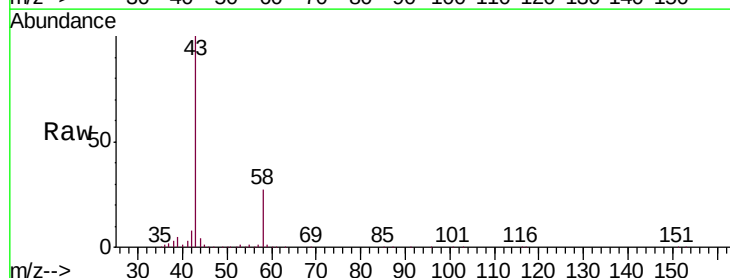
Acq: 07 Sep 2019 20:46

Tgt Ion: 43 Resp: 92758

Ion Ratio Lower Upper

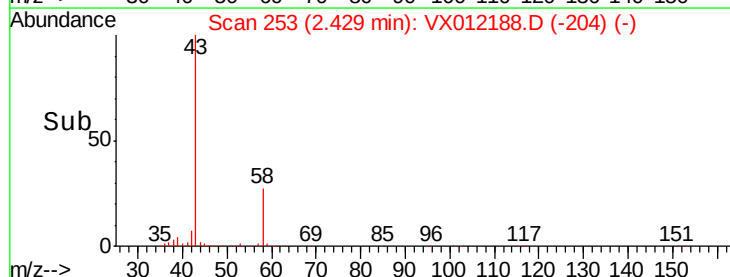
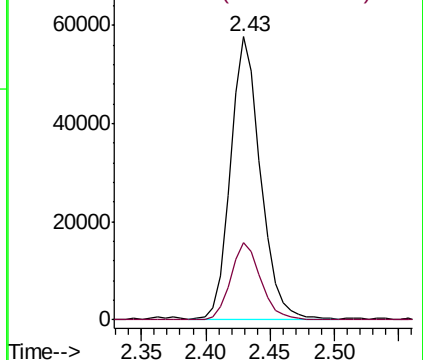
43 100

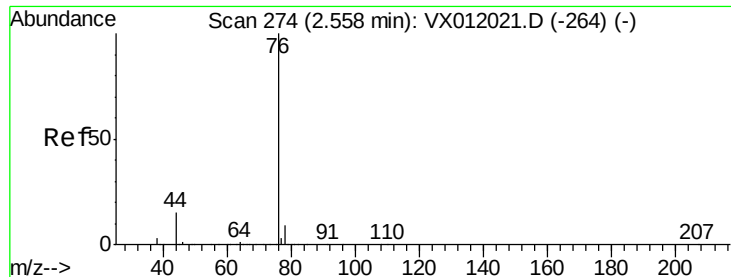
58 27.1 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 53.786 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

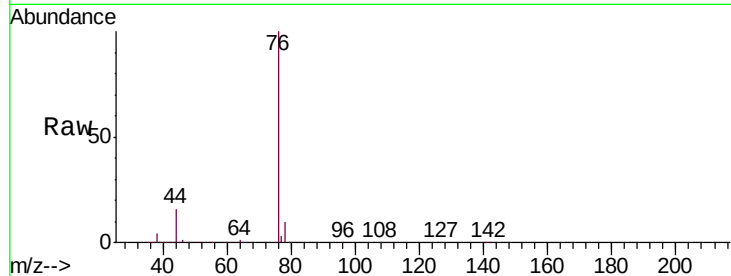
VSTDCCC050EC

Tgt Ion: 76 Resp: 176875

Ion Ratio Lower Upper

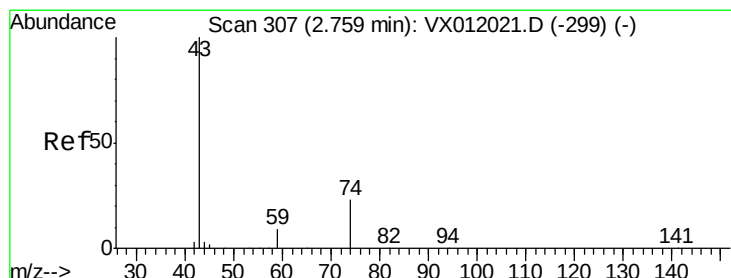
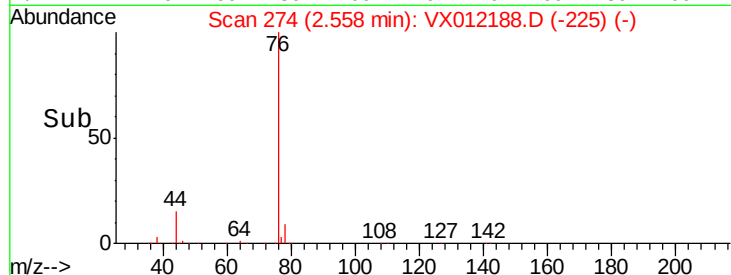
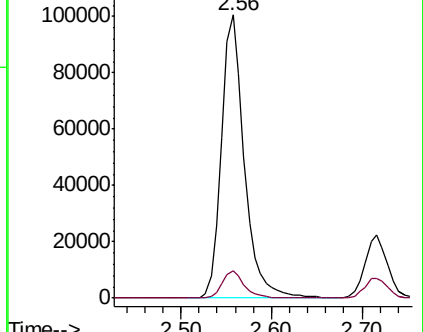
76 100

78 9.5 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 57.602 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012188.D

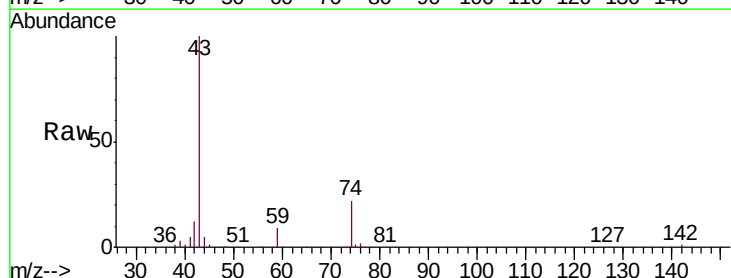
Acq: 07 Sep 2019 20:46

Tgt Ion: 43 Resp: 51140

Ion Ratio Lower Upper

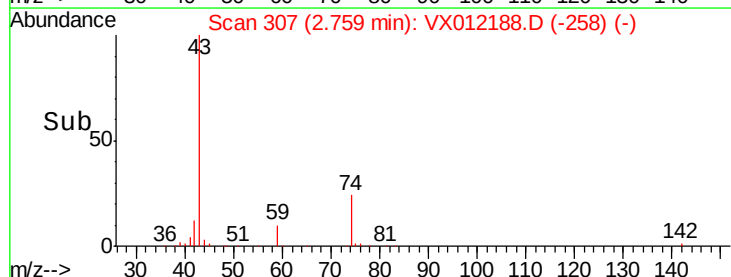
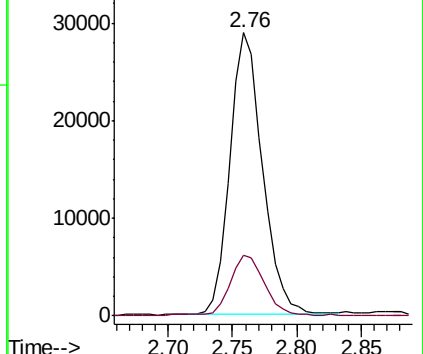
43 100

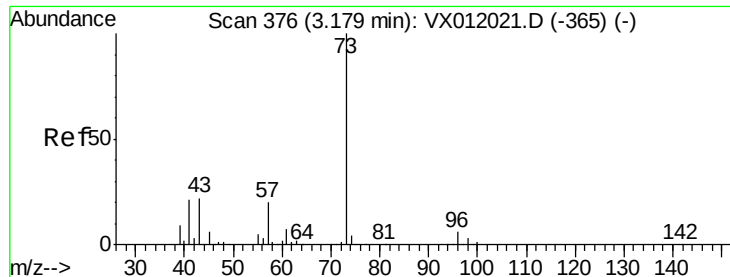
74 23.3 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

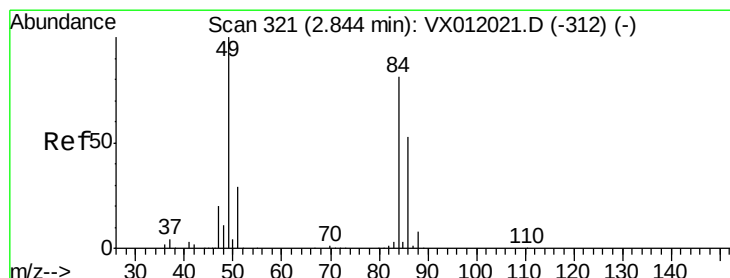
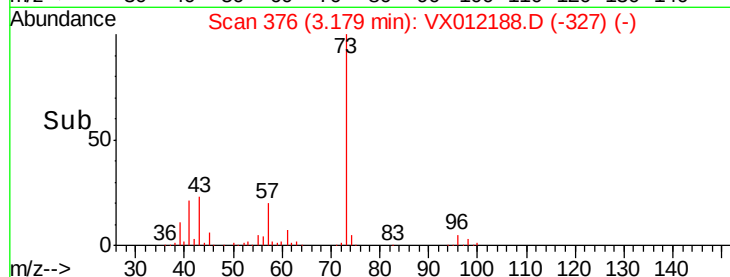
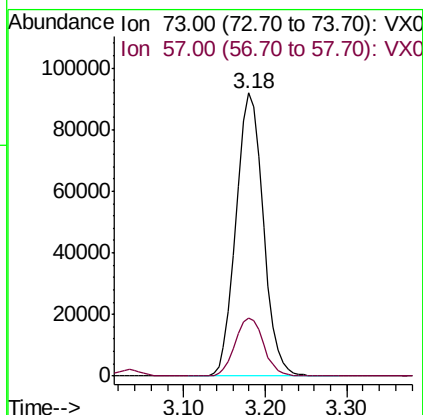
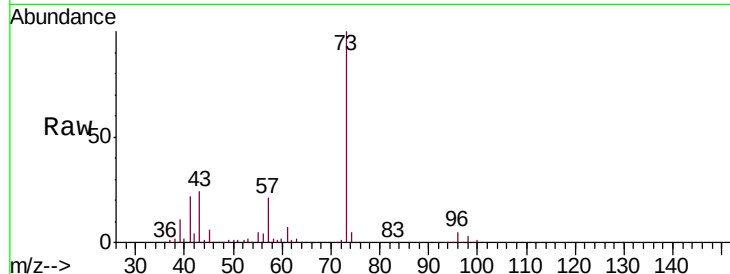




#19
Methyl tert-butyl Ether
Concen: 57.913 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

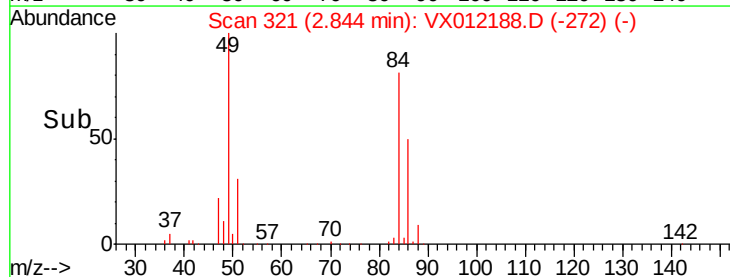
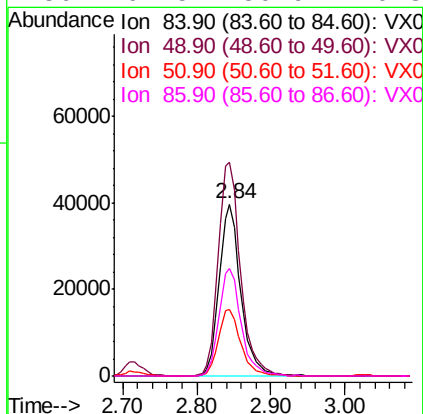
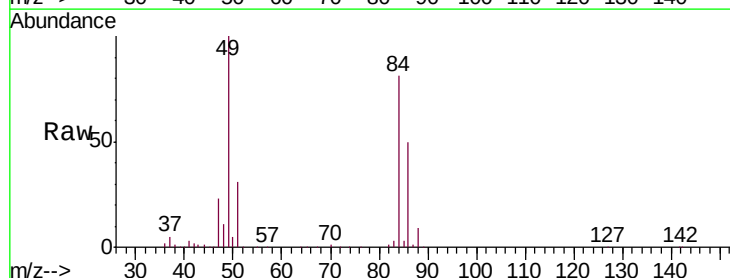
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

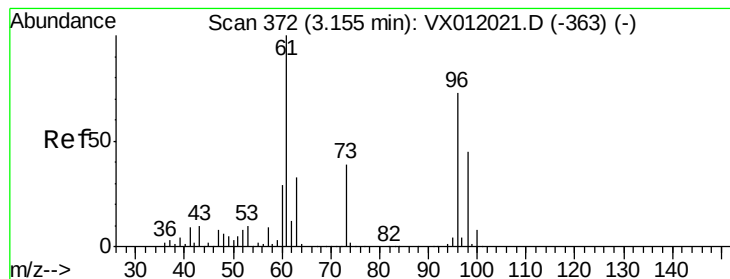
Tgt Ion: 73 Resp: 212153
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0



#20
Methylene Chloride
Concen: 52.812 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion: 84 Resp: 79924
Ion Ratio Lower Upper
84 100
49 124.0 95.8 143.8
51 38.5 28.6 43.0
86 62.5 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 54.551 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

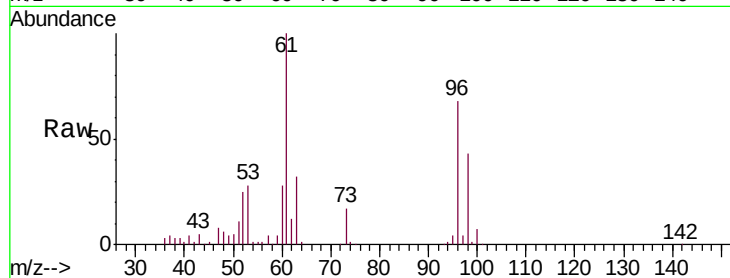
Tgt Ion: 96 Resp: 72031

Ion Ratio Lower Upper

96 100

61 146.3 107.0 160.6

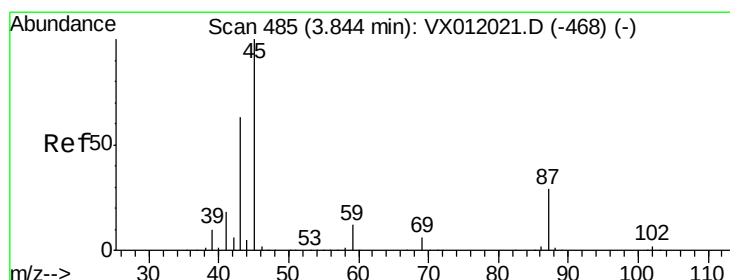
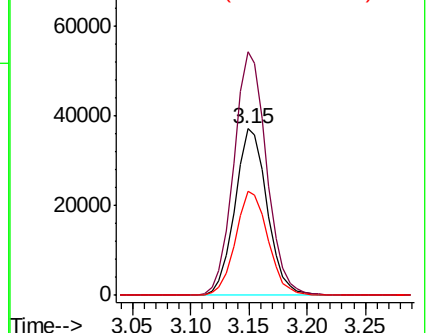
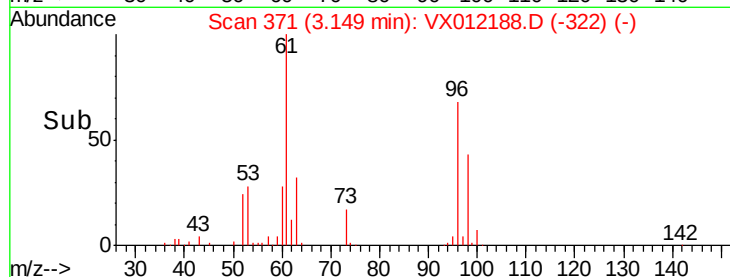
98 62.9 49.8 74.6



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: 58.296 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Tgt Ion: 45 Resp: 241930

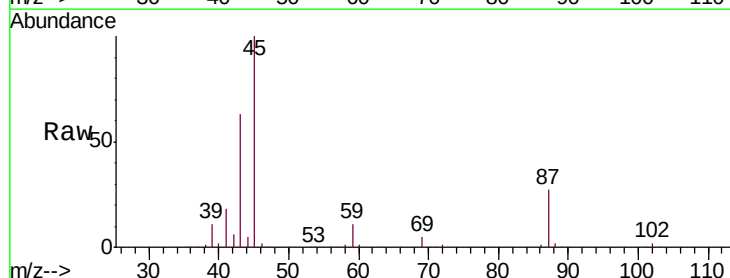
Ion Ratio Lower Upper

45 100

43 62.7 54.2 81.4

87 27.3 23.4 35.0

59 11.1 9.0 13.6

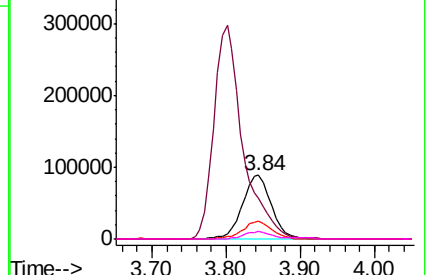
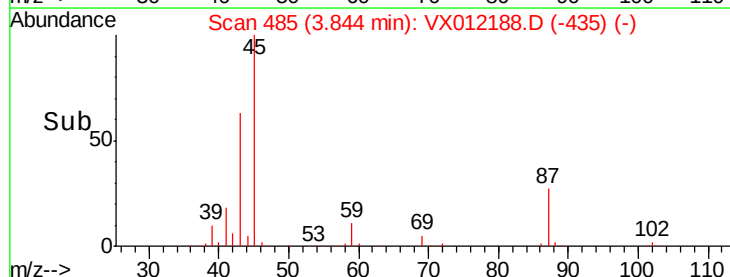


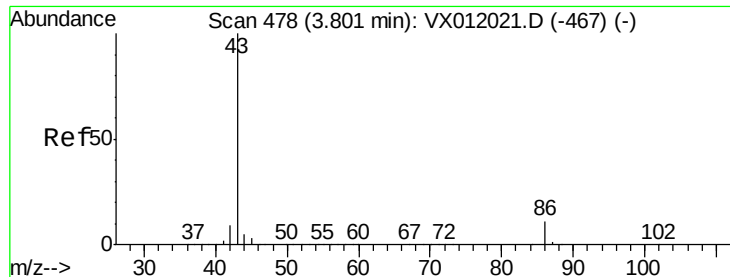
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 298.172 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

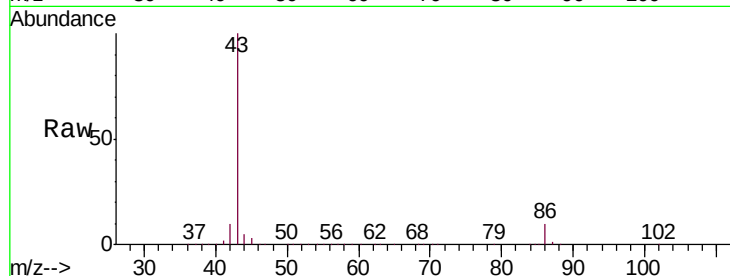
VSTDCCC050EC

Tgt Ion: 43 Resp: 800471

Ion Ratio Lower Upper

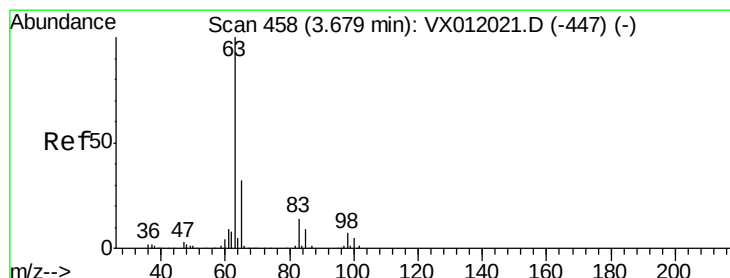
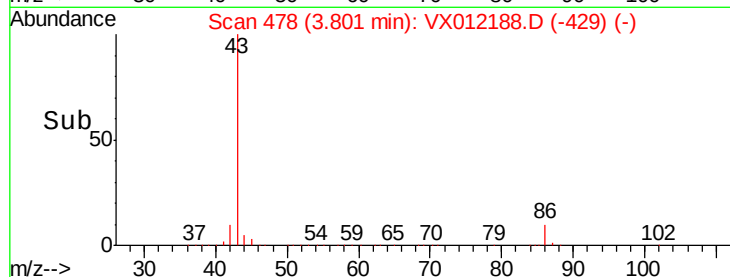
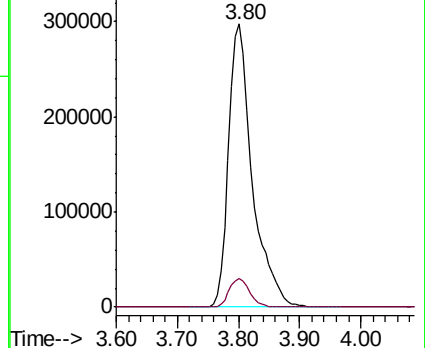
43 100

86 10.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 57.366 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.01 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

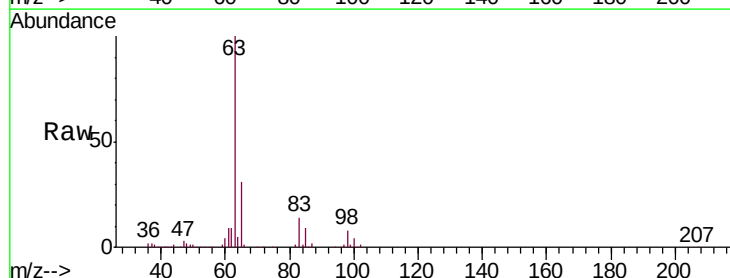
Tgt Ion: 63 Resp: 138075

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

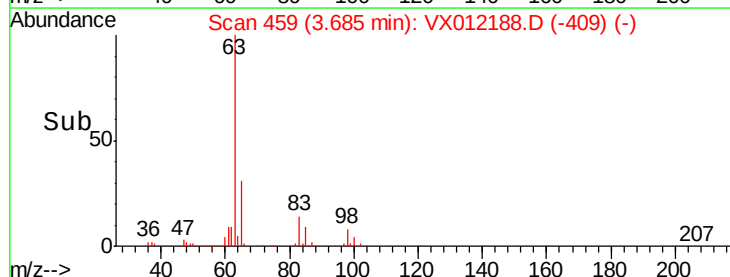
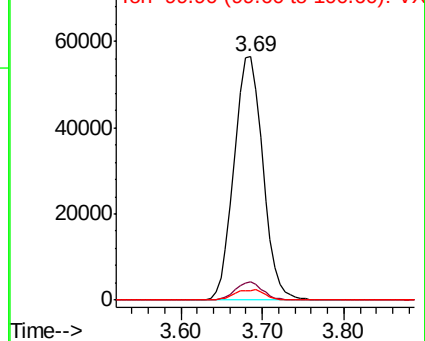
100 4.1 2.5 7.4

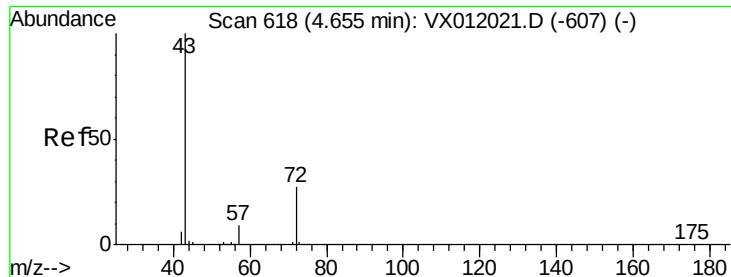


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 285.847 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

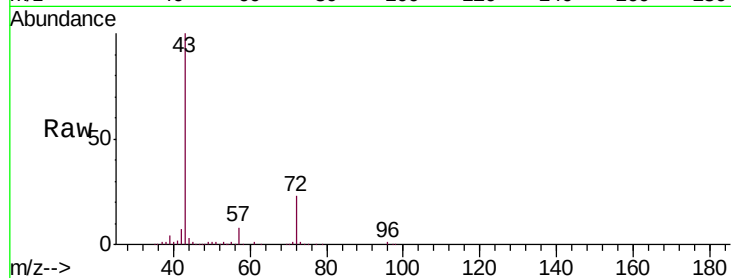
VSTDCCC050EC

Tgt Ion: 43 Resp: 137129

Ion Ratio Lower Upper

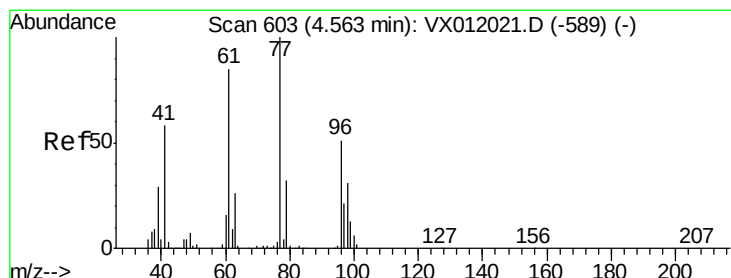
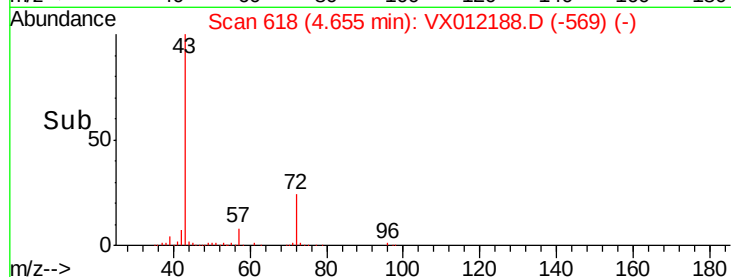
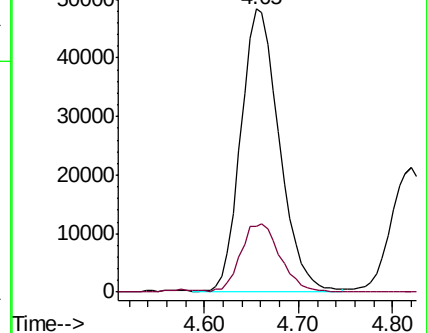
43 100

72 23.3 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 48.733 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012188.D

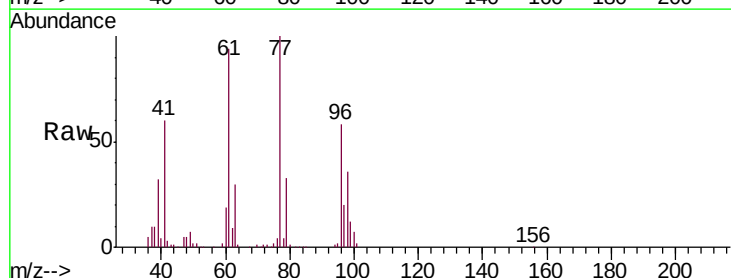
Acq: 07 Sep 2019 20:46

Tgt Ion: 77 Resp: 108293

Ion Ratio Lower Upper

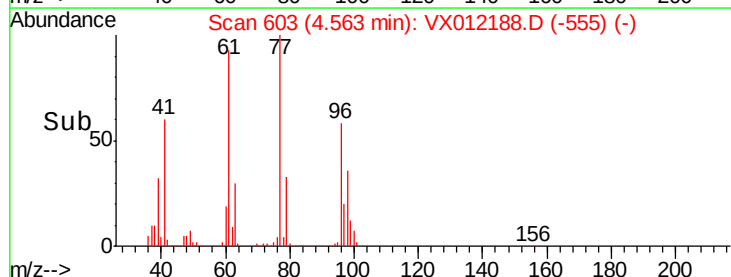
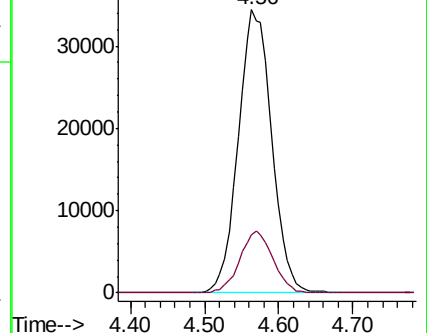
77 100

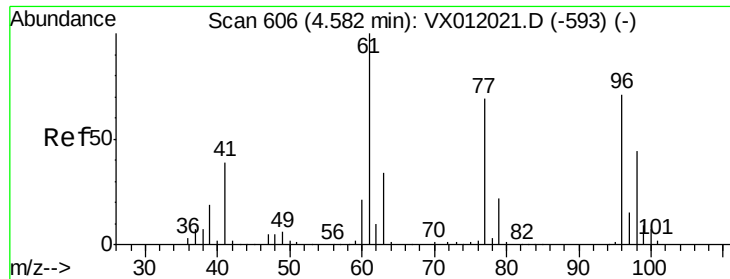
97 21.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



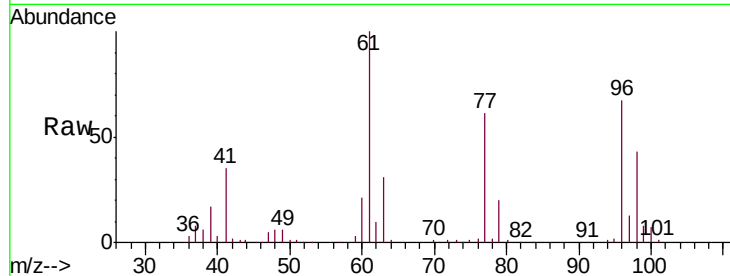


#27

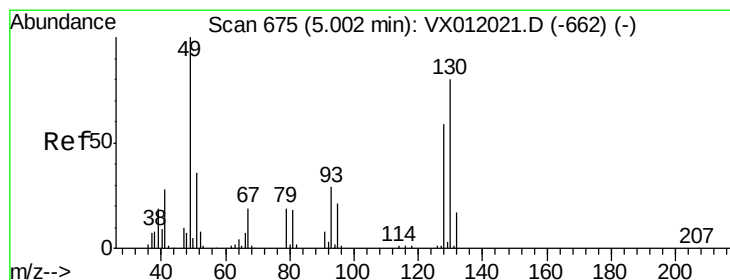
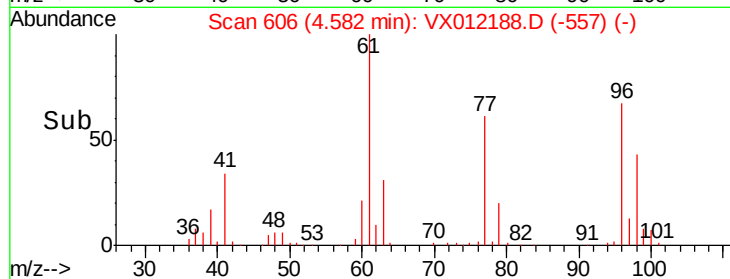
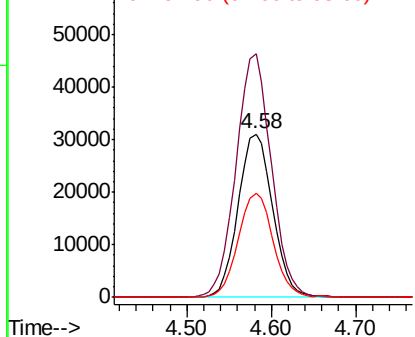
cis-1,2-Dichloroethene
 Concen: 55.643 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 86125
 Ion Ratio Lower Upper
 96 100
 61 152.6 0.0 277.0
 98 64.8 0.0 128.4



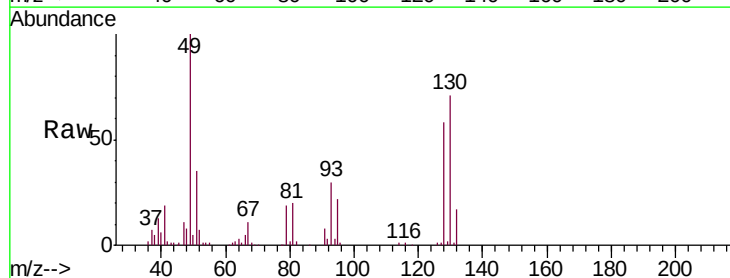
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



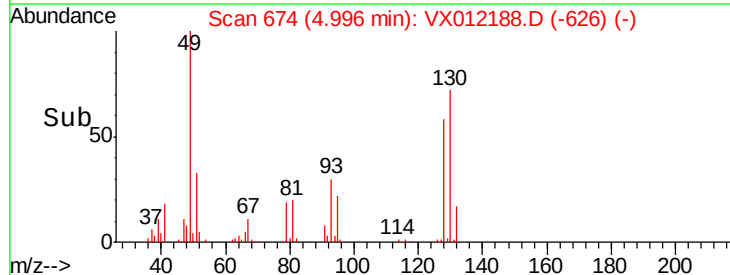
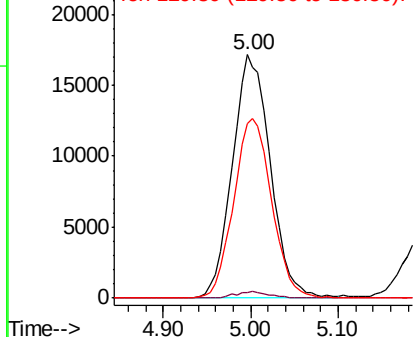
#28

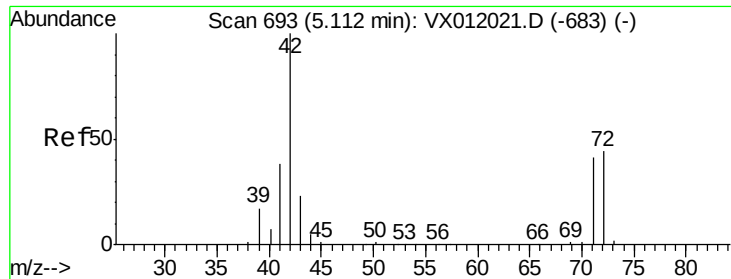
Bromochloromethane
 Concen: 53.838 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion: 49 Resp: 51726
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.6
 130 73.9 76.7 115.1#



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

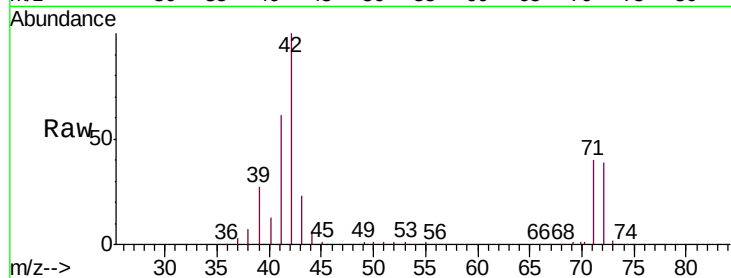




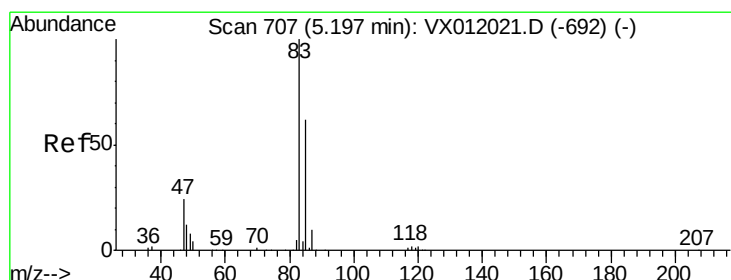
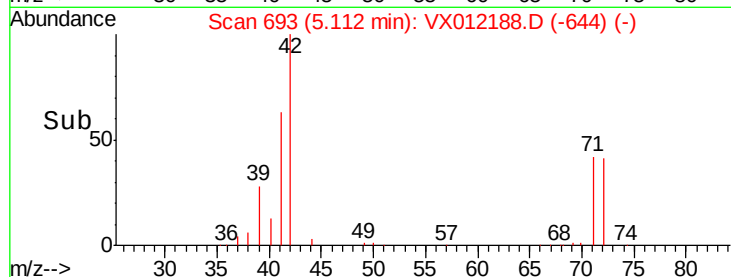
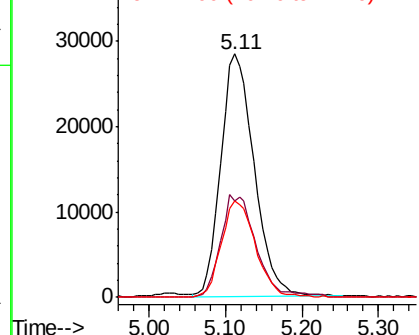
#29
Tetrahydrofuran
Concen: 297.260 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 85919
Ion Ratio Lower Upper
42 100
72 45.0 37.0 55.4
71 40.8 33.8 50.8

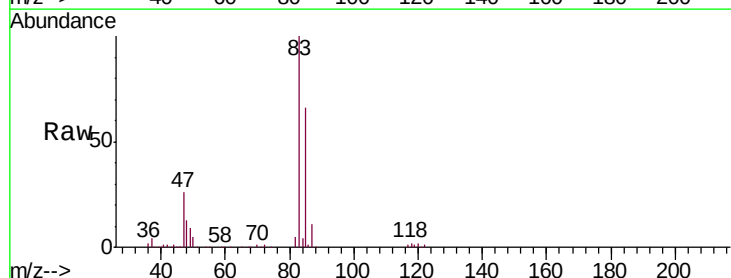


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

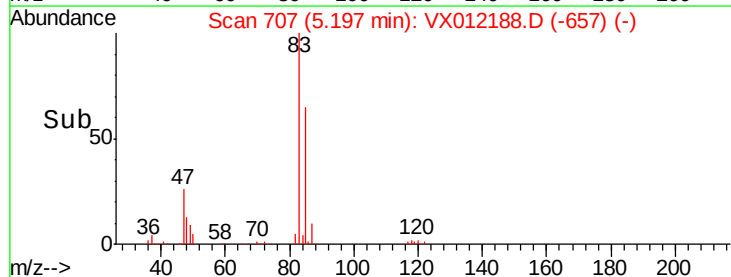
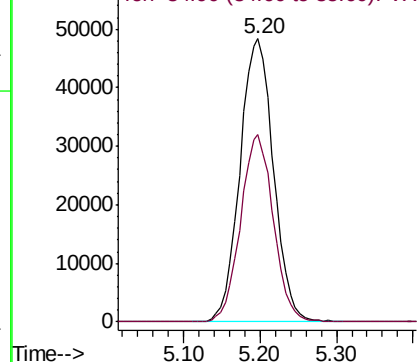


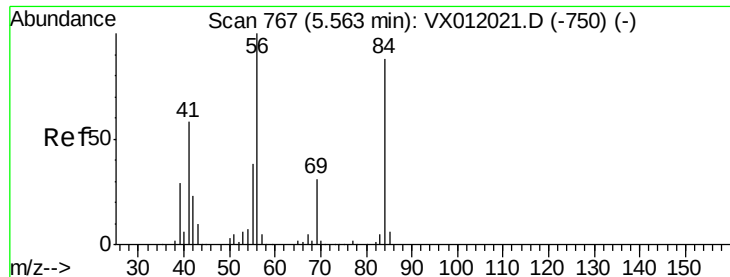
#30
Chloroform
Concen: 56.872 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.01 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion: 83 Resp: 146881
Ion Ratio Lower Upper
83 100
85 66.0 52.6 78.8



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

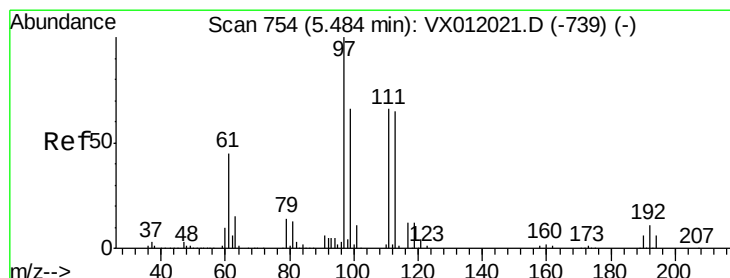
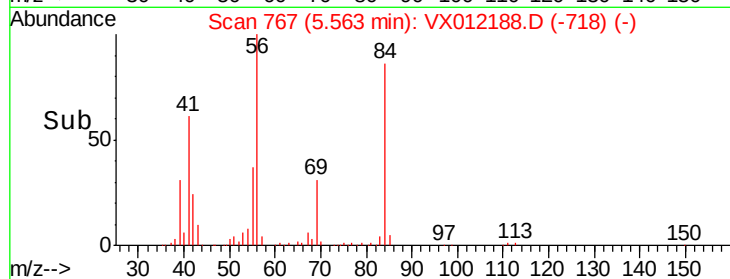
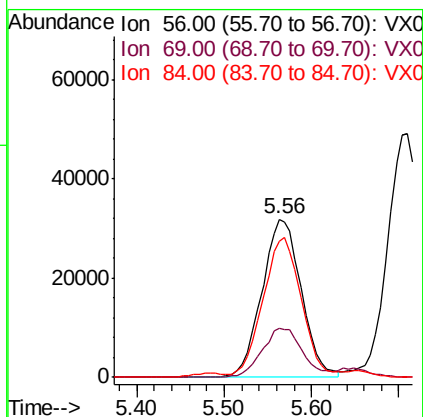
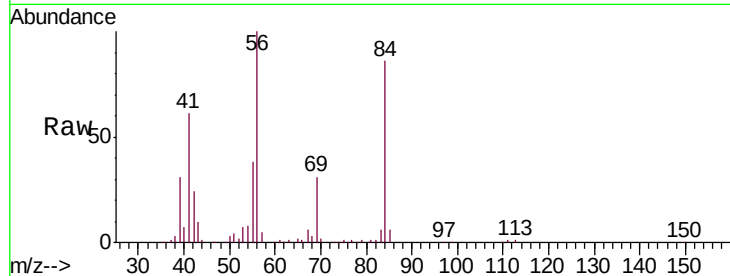




#31
Cyclohexane
Concen: 51.687 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

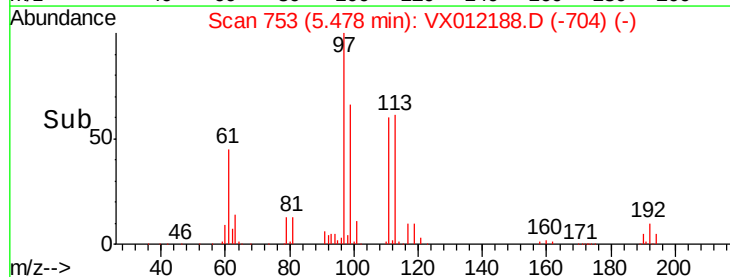
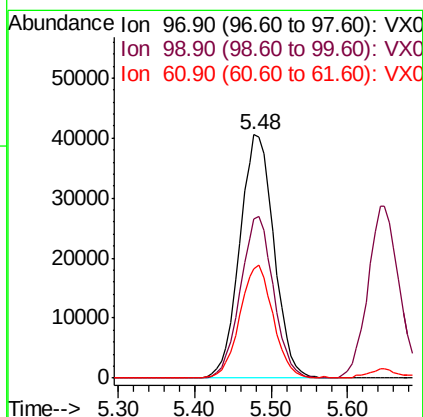
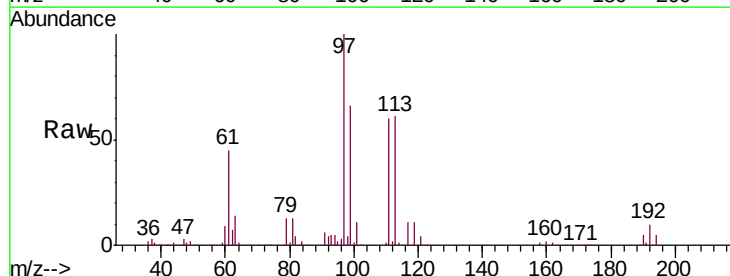
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

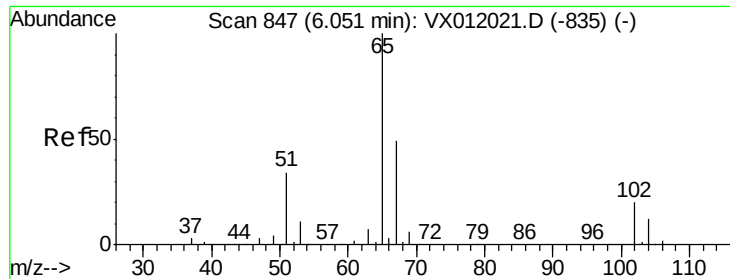
Tgt Ion: 56 Resp: 99915
Ion Ratio Lower Upper
56 100
69 31.0 25.7 38.5
84 84.9 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 56.002 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion: 97 Resp: 125968
Ion Ratio Lower Upper
97 100
99 64.3 52.1 78.1
61 45.0 32.8 49.2

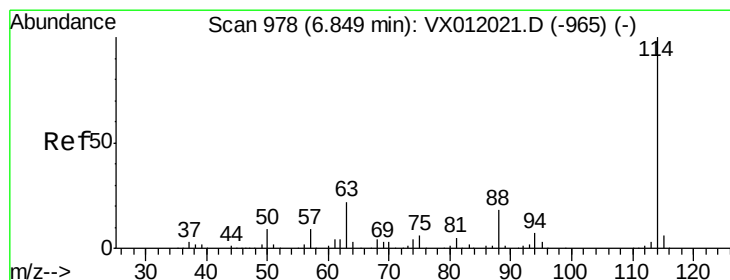
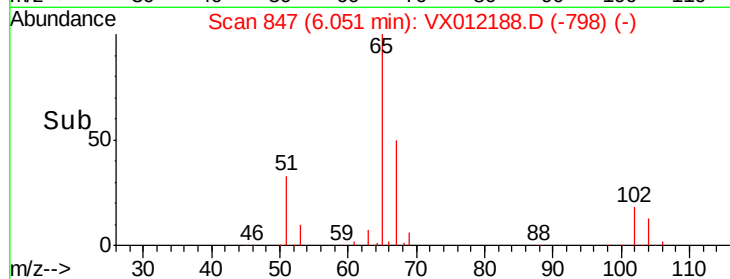
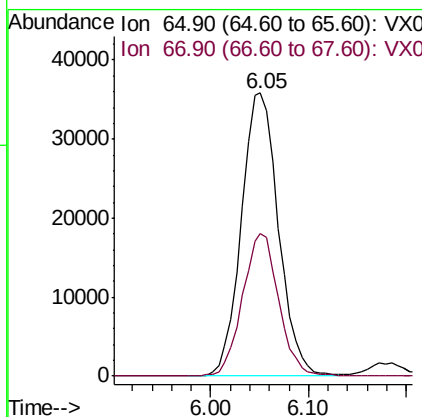
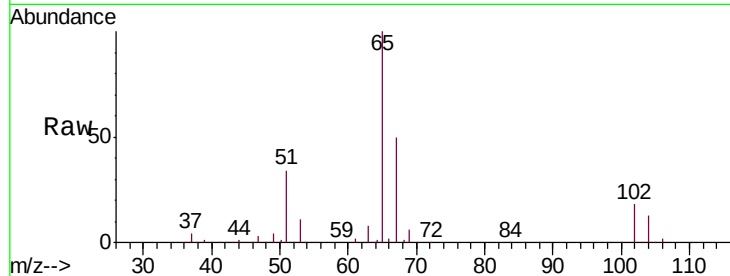




#33
 1,2-Dichloroethane-d4
 Concen: 60.007 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

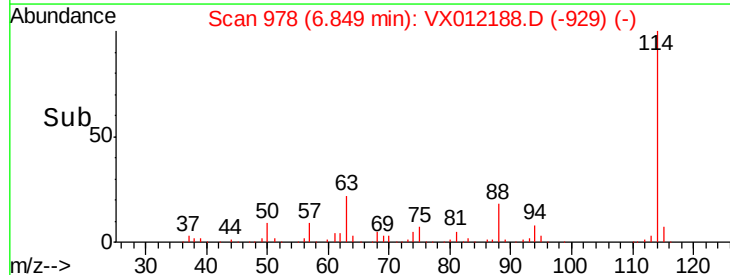
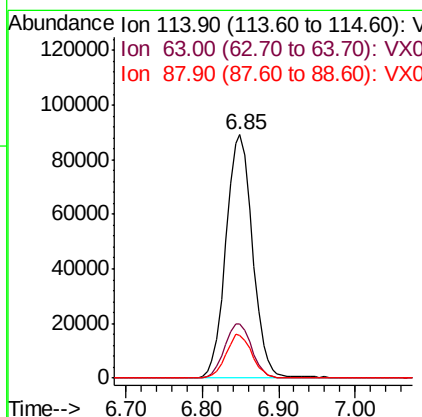
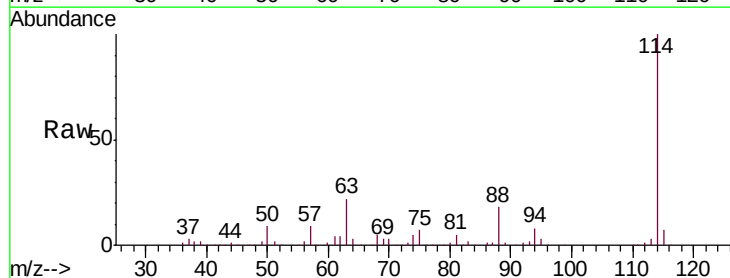
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

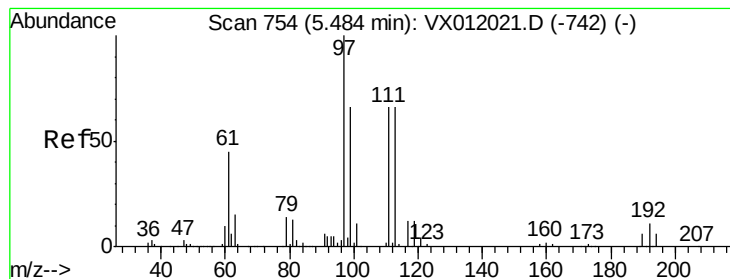
Tgt Ion: 65 Resp: 94614
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion: 114 Resp: 214941
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 37.4
 88 17.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 55.313 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

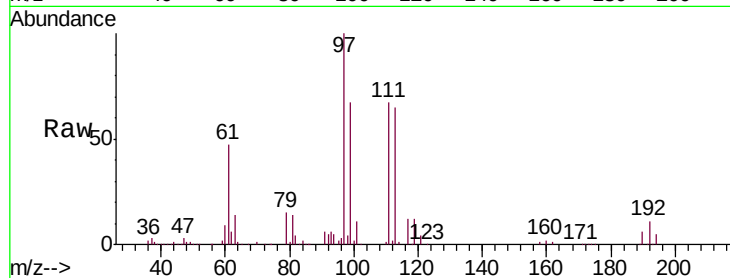
Tgt Ion:113 Resp: 73114

Ion Ratio Lower Upper

113 100

111 103.0 81.7 122.5

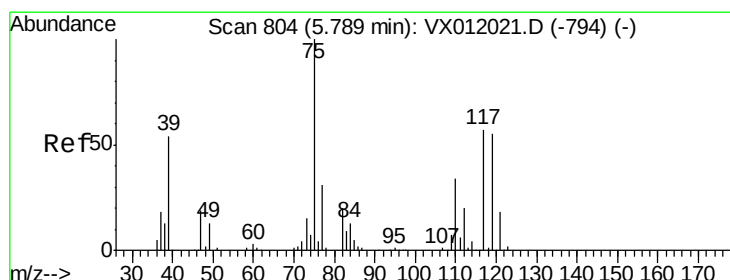
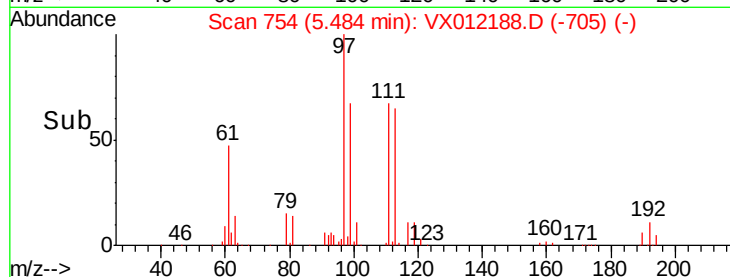
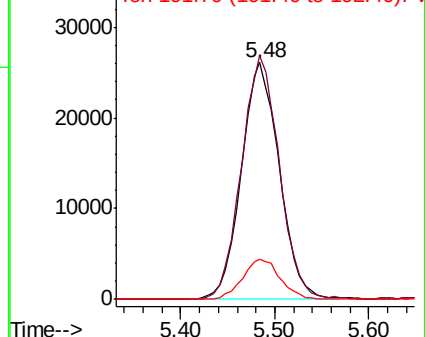
192 17.0 22.5 33.7#



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: 53.037 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

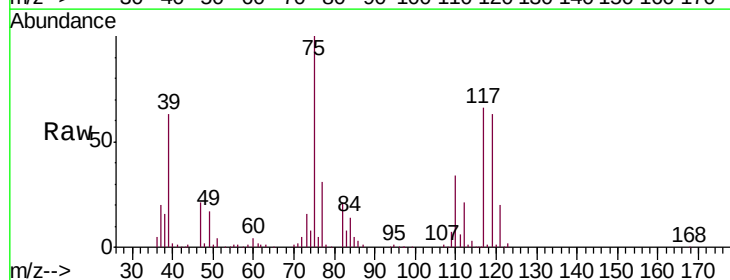
Tgt Ion: 75 Resp: 100405

Ion Ratio Lower Upper

75 100

110 33.8 19.5 58.5

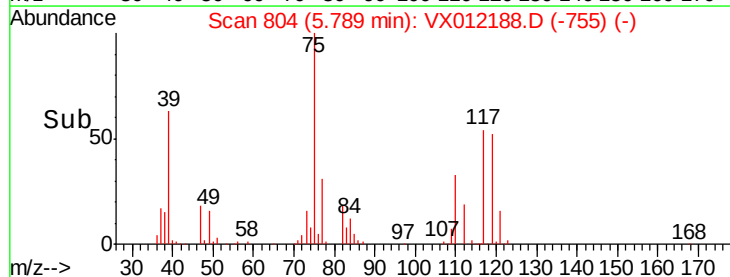
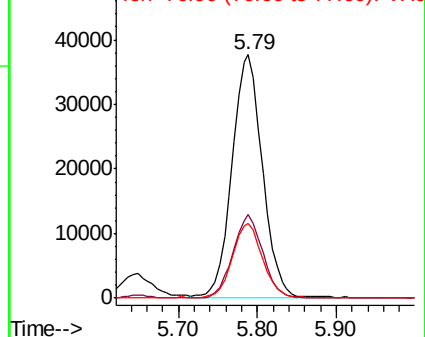
77 30.6 24.6 37.0

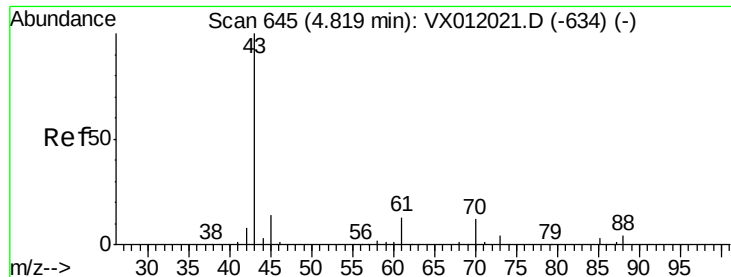


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

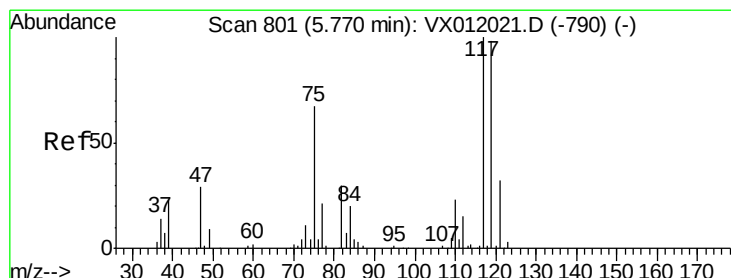
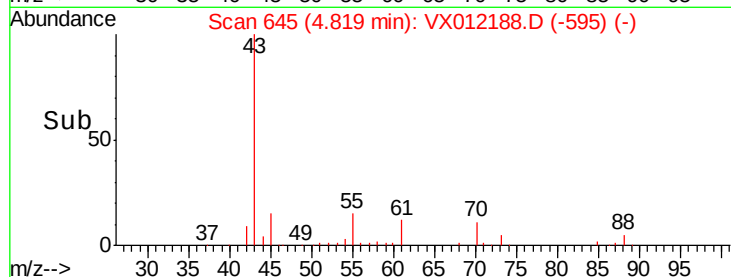
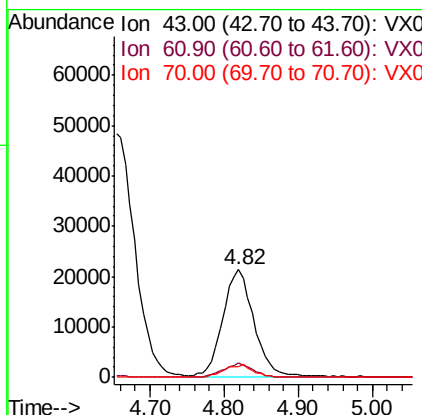
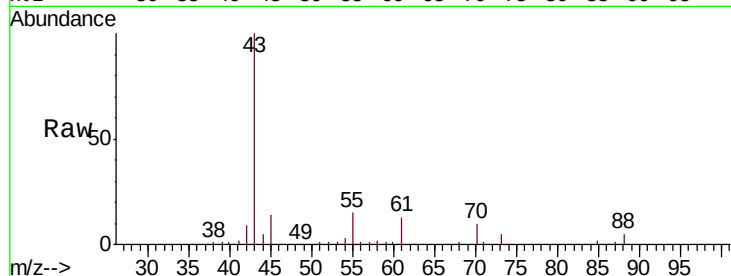




#37
Ethyl Acetate
Concen: 59.913 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

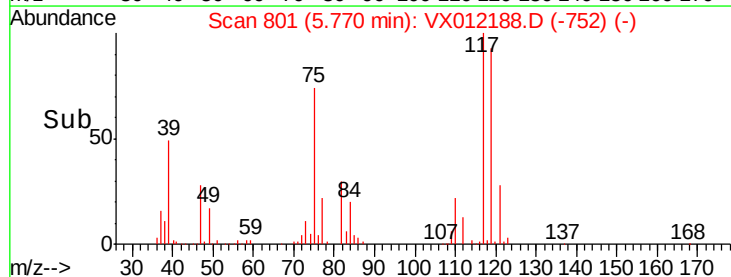
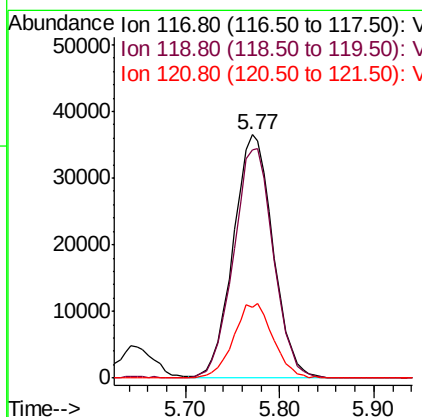
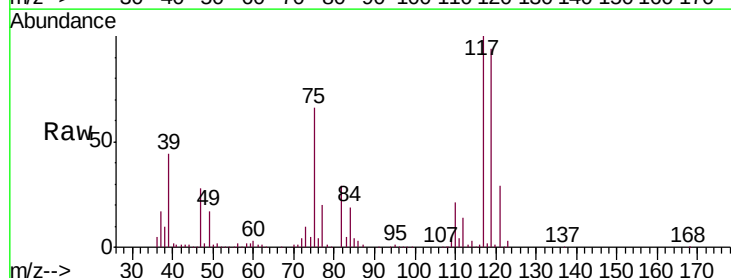
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

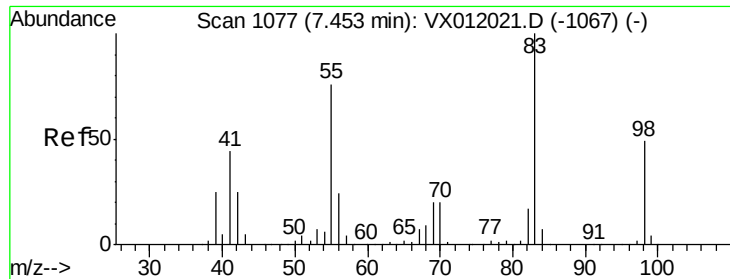
Tgt Ion: 43 Resp: 61677
Ion Ratio Lower Upper
43 100
61 11.9 10.9 16.3
70 11.6 9.4 14.0



#38
Carbon Tetrachloride
Concen: 53.687 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion: 117 Resp: 107095
Ion Ratio Lower Upper
117 100
119 93.9 78.3 117.5
121 29.2 24.2 36.2

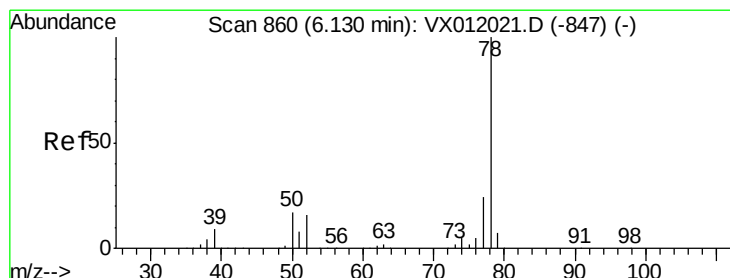
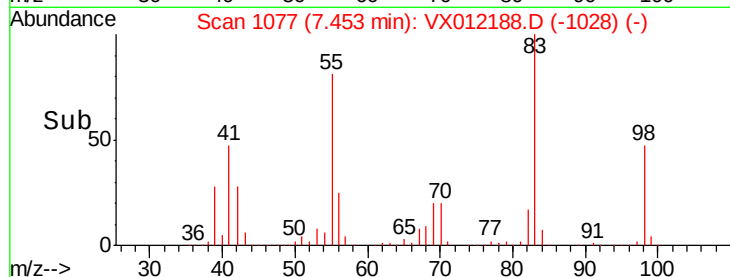
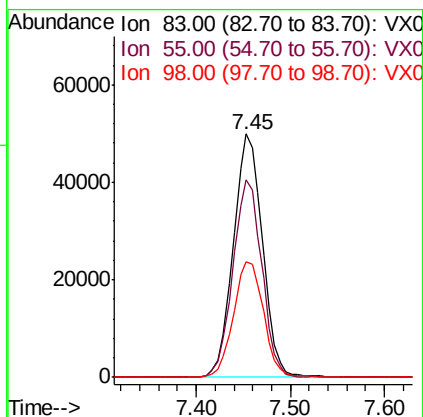
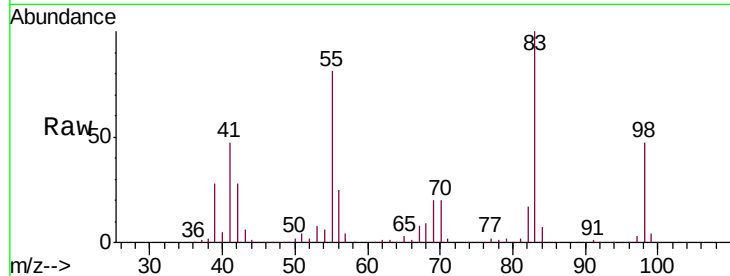




#39
Methylcyclohexane
Concen: 48.922 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

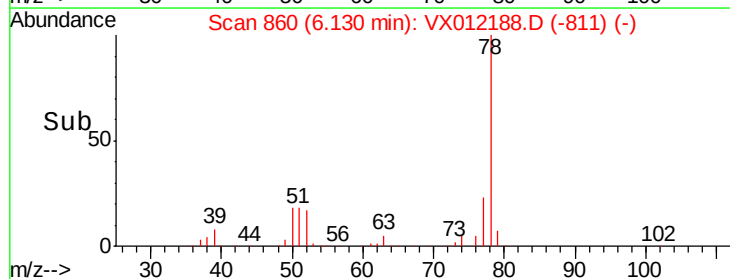
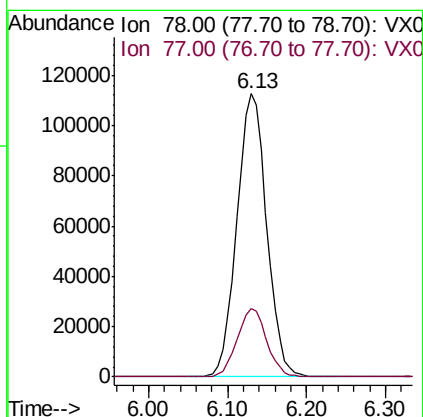
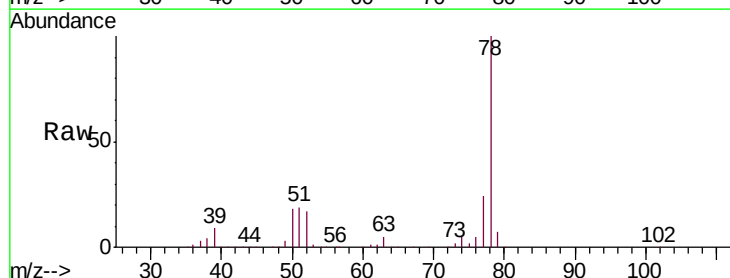
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

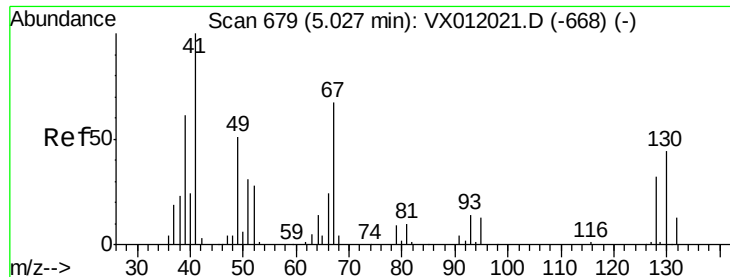
Tgt Ion: 83 Resp: 107490
Ion Ratio Lower Upper
83 100
55 80.8 59.6 89.4
98 47.4 41.4 62.0



#40
Benzene
Concen: 54.451 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion: 78 Resp: 295927
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9

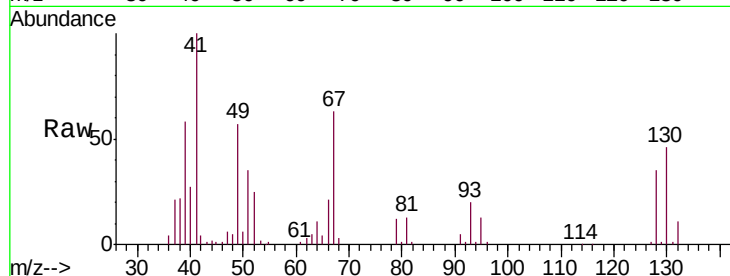




#41
Methacrylonitrile
Concen: 60.344 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	37046
Ion	Ratio	Lower	Upper
41	100		
39	58.0	46.7	70.1
67	65.8	57.0	85.6
52	30.7	23.5	35.3



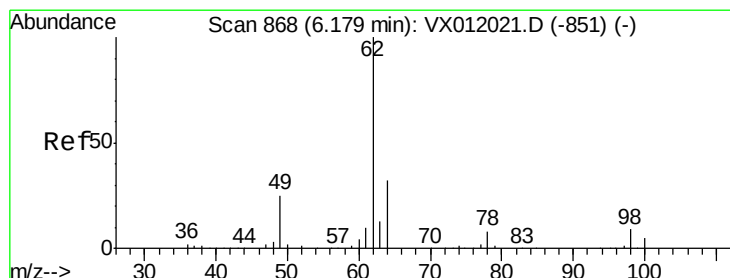
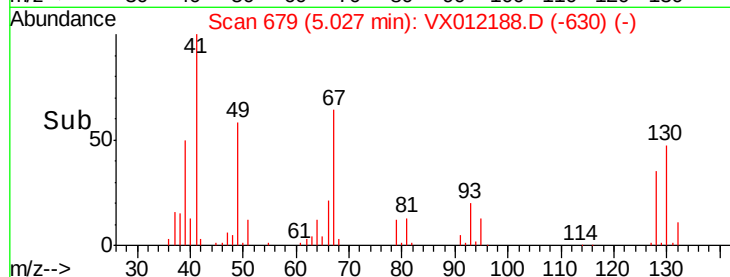
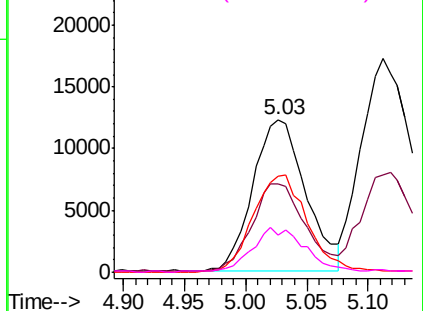
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

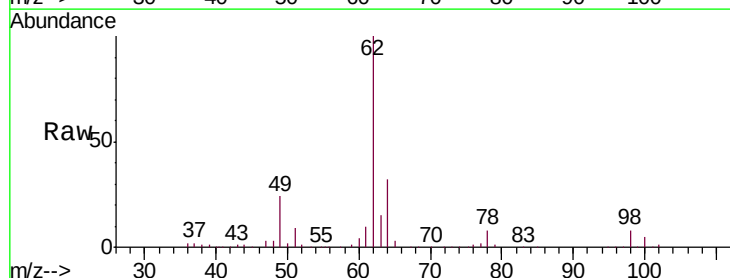
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 60.060 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

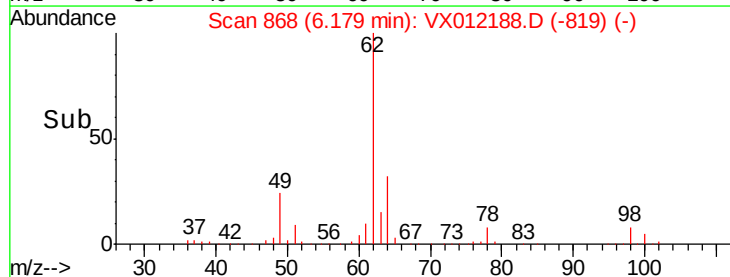
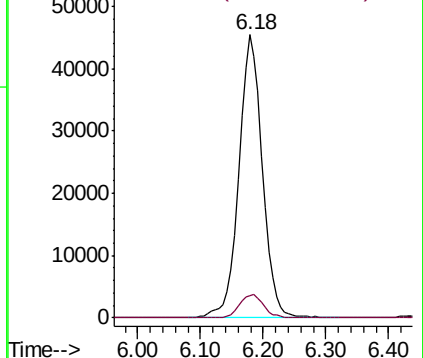
Tgt Ion:	62	Resp:	117462
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	19.2

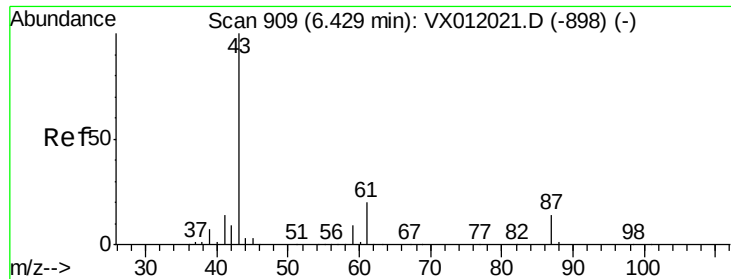


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 58.588 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

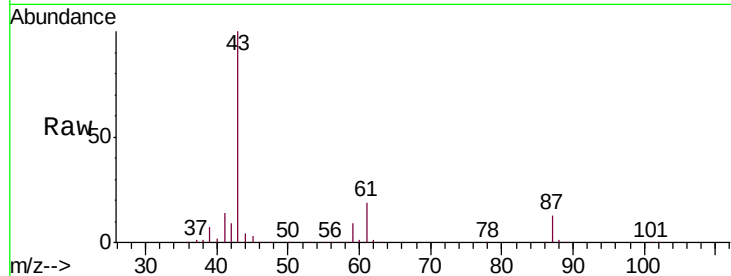
Tgt Ion: 43 Resp: 122636

Ion Ratio Lower Upper

43 100

61 19.4 16.1 24.1

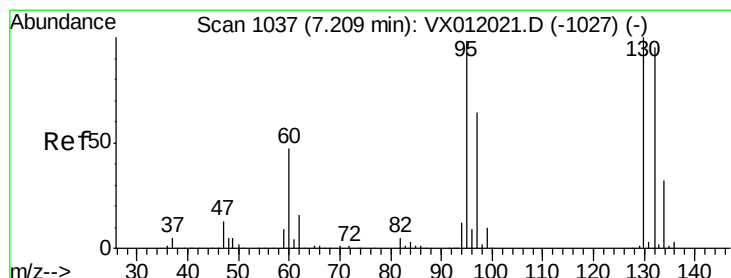
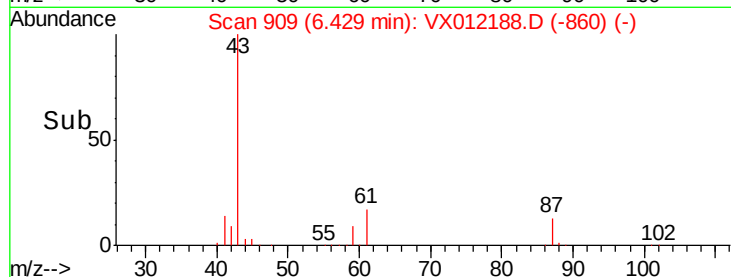
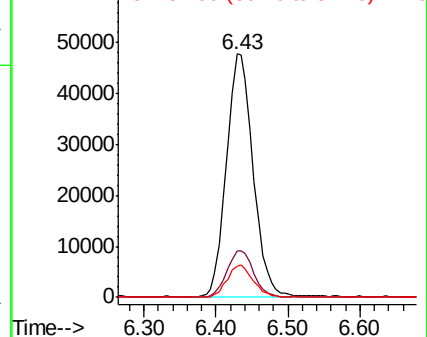
87 13.1 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.713 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012188.D

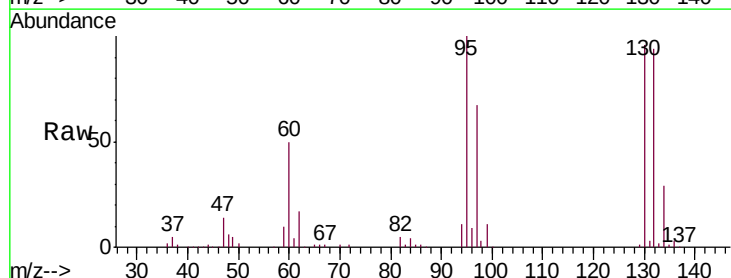
Acq: 07 Sep 2019 20:46

Tgt Ion: 130 Resp: 77269

Ion Ratio Lower Upper

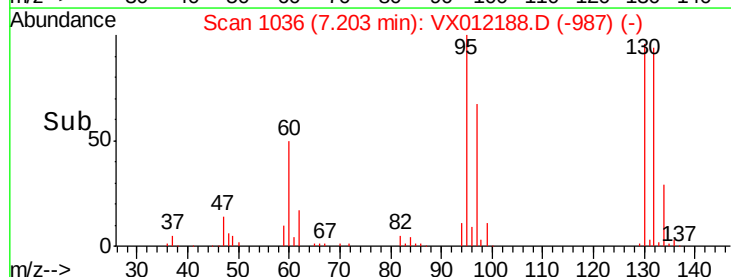
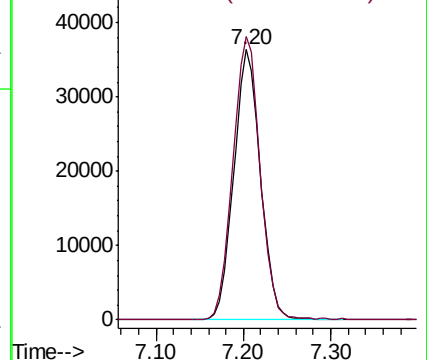
130 100

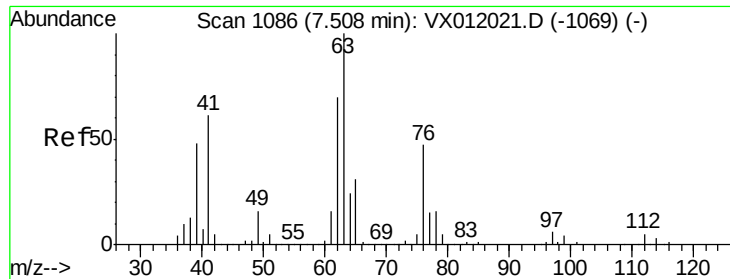
95 104.7 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

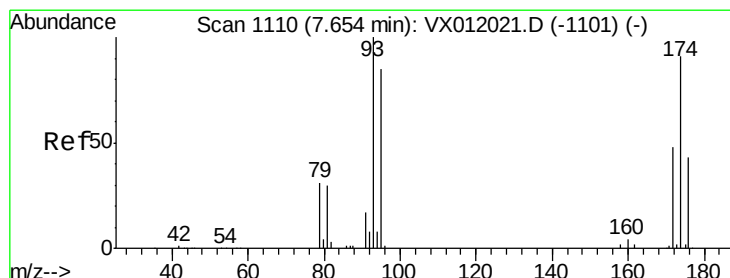
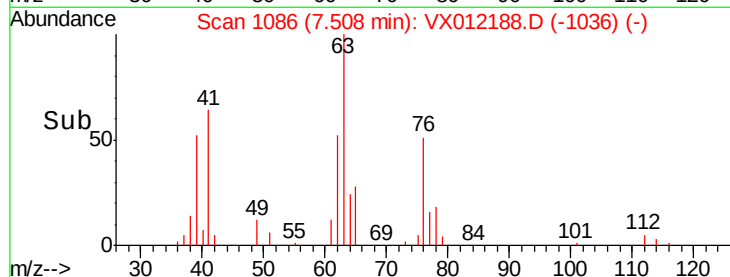
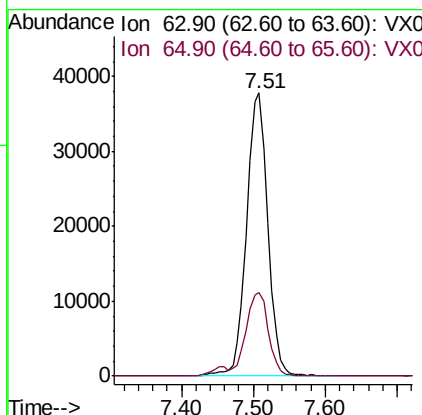
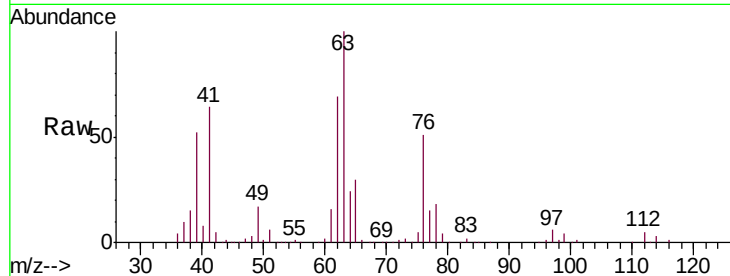




#45
 1,2-Dichloropropane
 Concen: 55.387 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

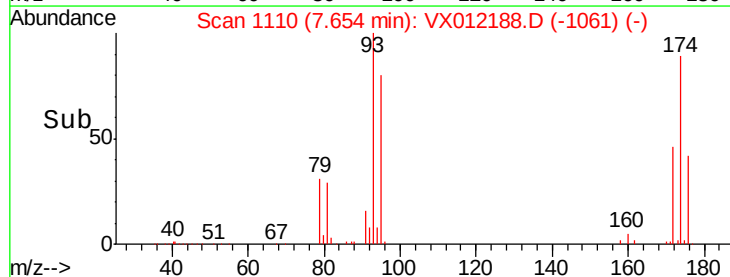
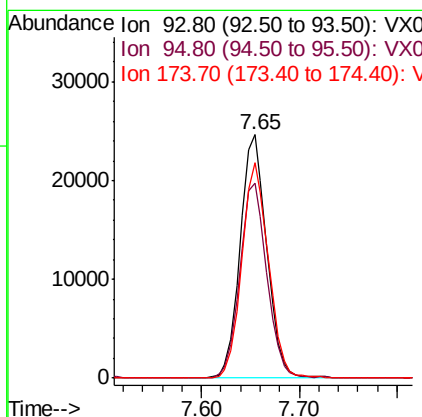
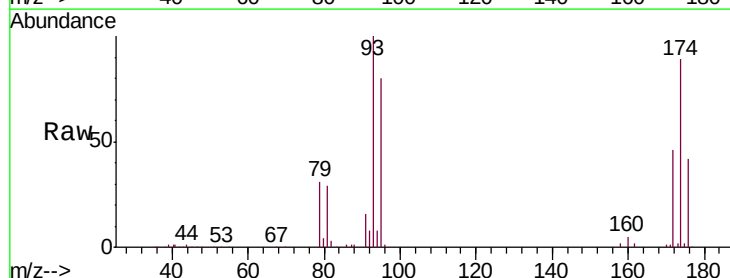
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

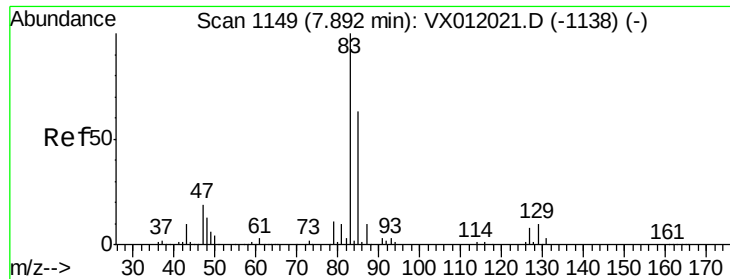
Tgt Ion: 63 Resp: 77771
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.0 37.6



#46
 Dibromomethane
 Concen: 56.825 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion: 93 Resp: 46578
 Ion Ratio Lower Upper
 93 100
 95 81.2 66.2 99.2
 174 88.3 110.2 165.4#





#47

Bromodichloromethane

Concen: 55.313 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

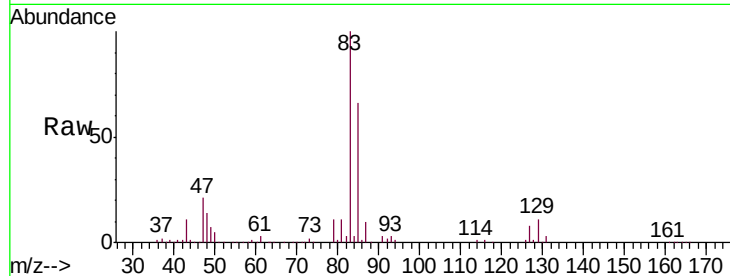
Tgt Ion: 83 Resp: 115244

Ion Ratio Lower Upper

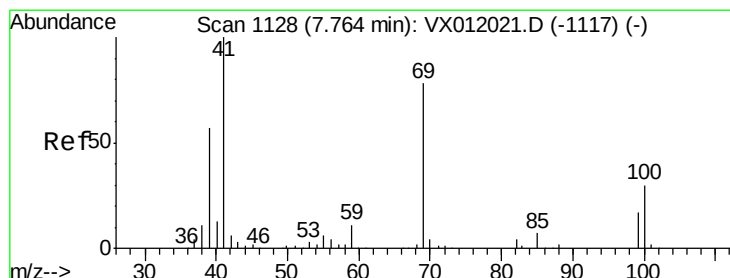
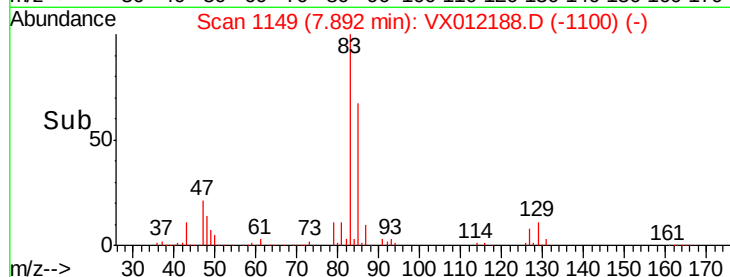
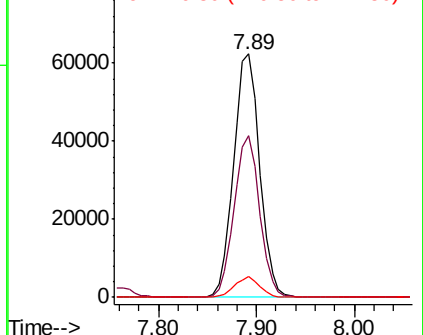
83 100

85 66.4 50.3 75.5

127 8.4 8.1 12.1



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: 58.186 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

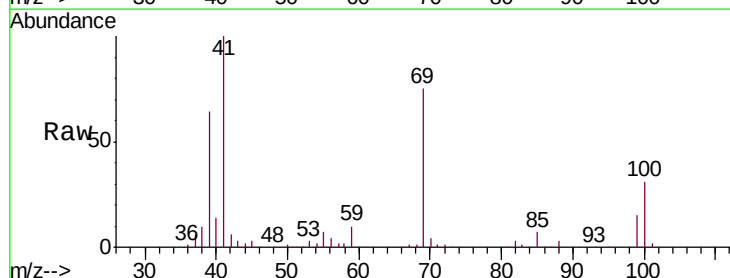
Tgt Ion: 41 Resp: 61239

Ion Ratio Lower Upper

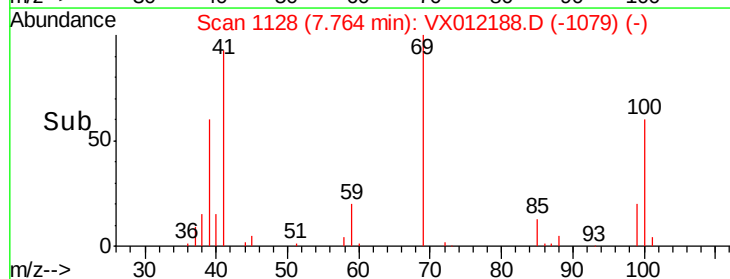
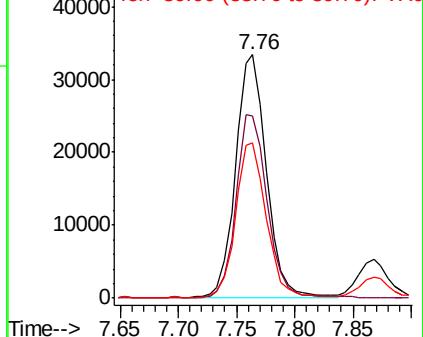
41 100

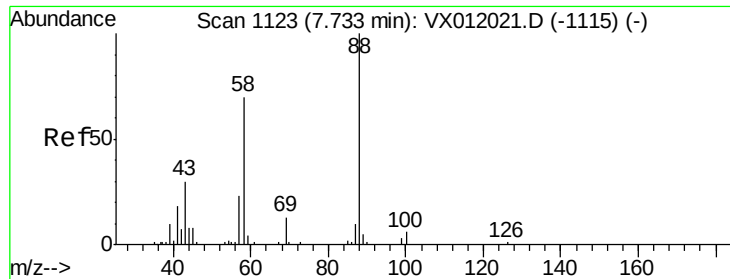
69 76.9 66.3 99.5

39 64.3 48.1 72.1



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

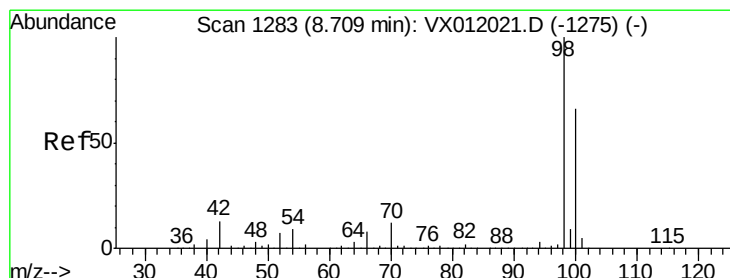
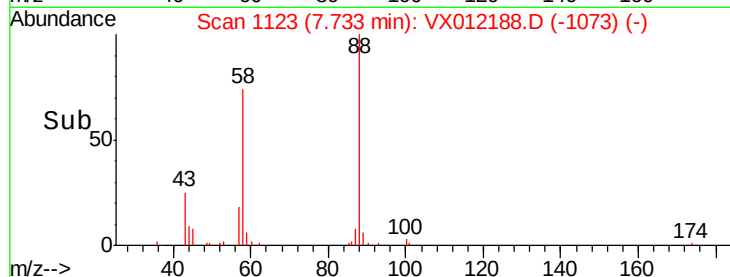
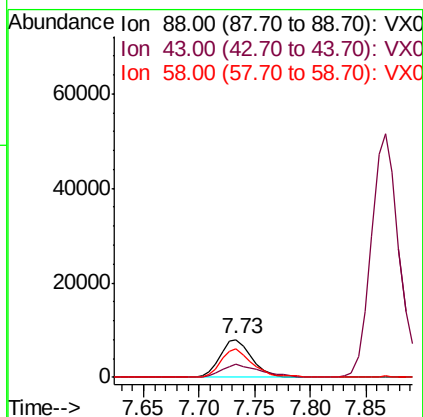
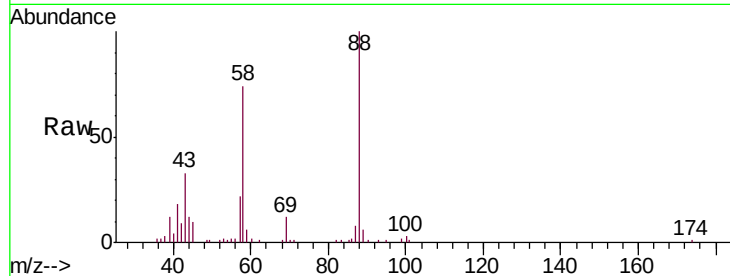




#49
1,4-Dioxane
Concen: 1112.454 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

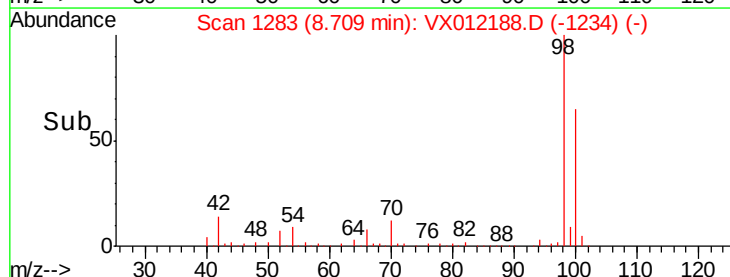
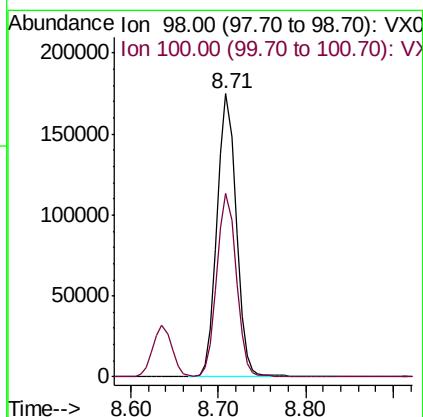
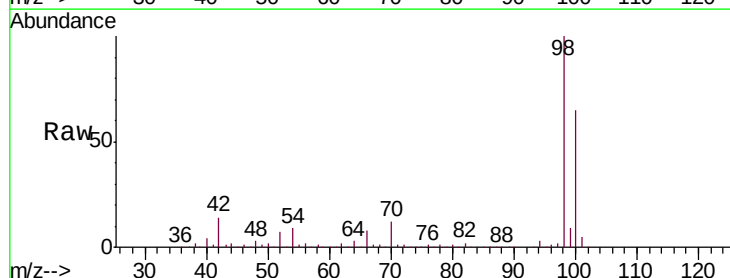
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

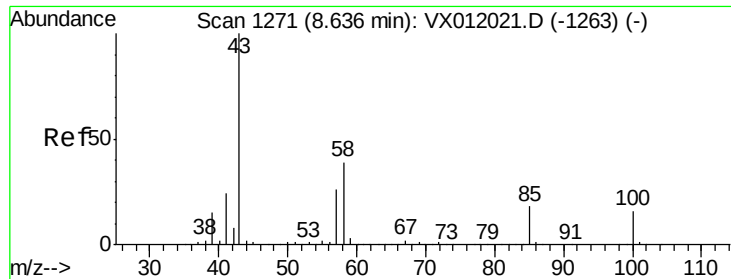
Tgt Ion: 88 Resp: 15961
Ion Ratio Lower Upper
88 100
43 40.0 29.8 44.6
58 74.9 55.4 83.2



#50
Toluene-d8
Concen: 55.002 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion: 98 Resp: 266786
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9

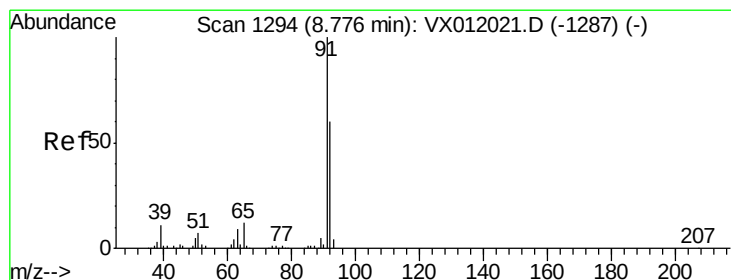
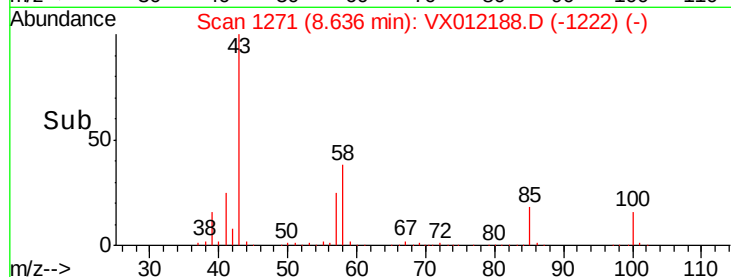
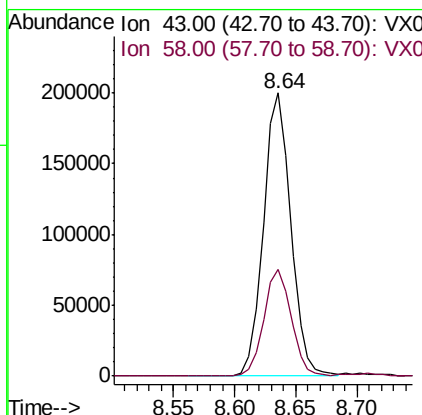
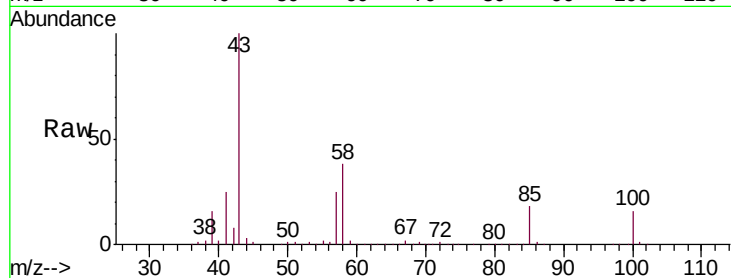




#51
 4-Methyl-2-Pentanone
 Concen: 291.727 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

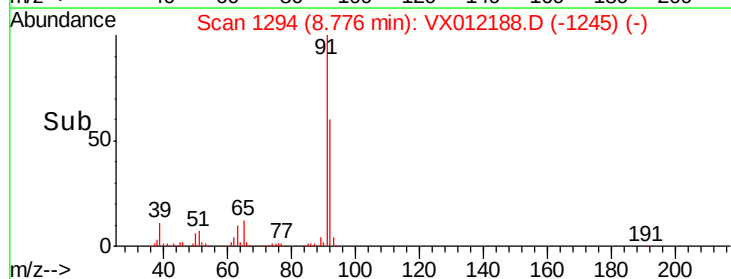
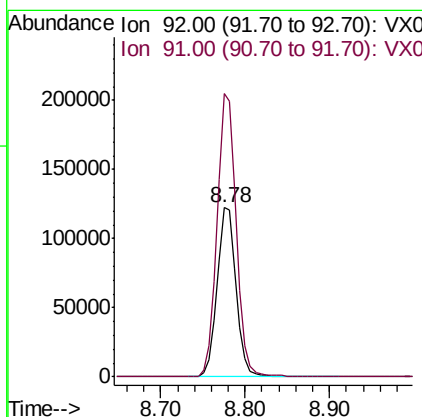
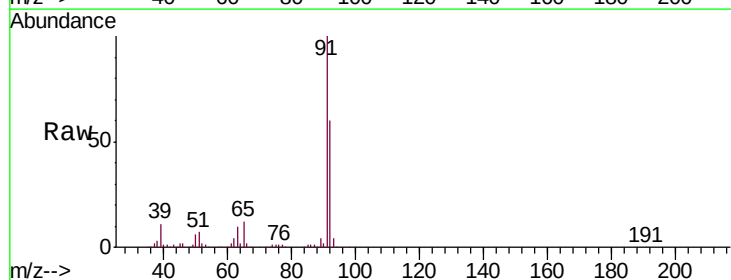
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

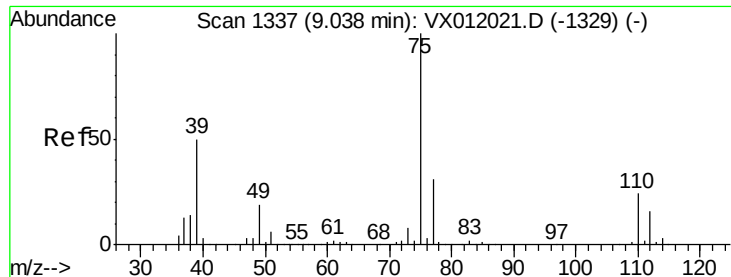
Tgt Ion: 43 Resp: 310597
 Ion Ratio Lower Upper
 43 100
 58 37.9 31.5 47.3



#52
 Toluene
 Concen: 54.440 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion: 92 Resp: 192503
 Ion Ratio Lower Upper
 92 100
 91 169.1 136.0 204.0

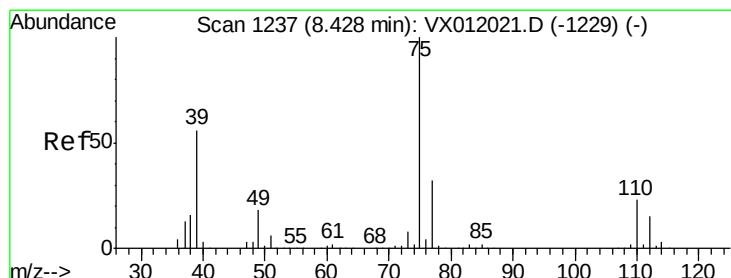
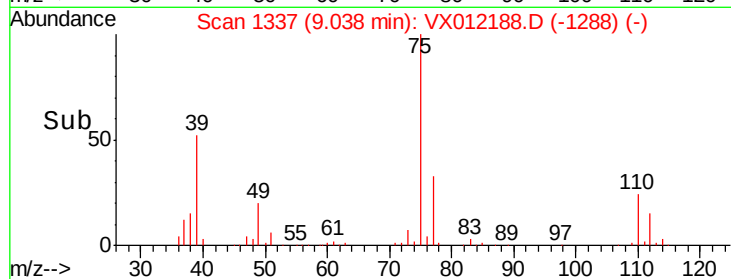
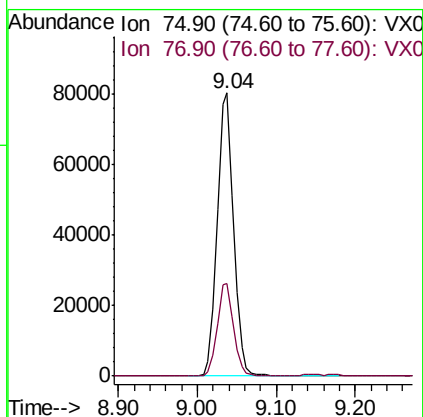
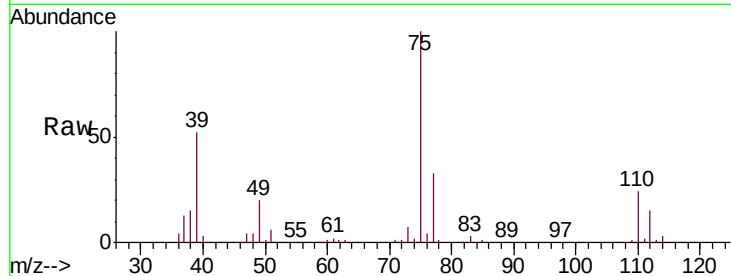




#53
 t-1,3-Dichloropropene
 Concen: 53.873 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

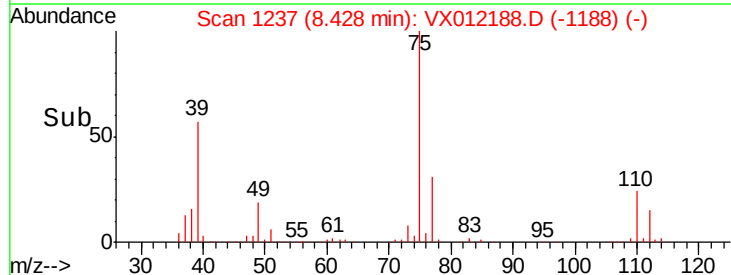
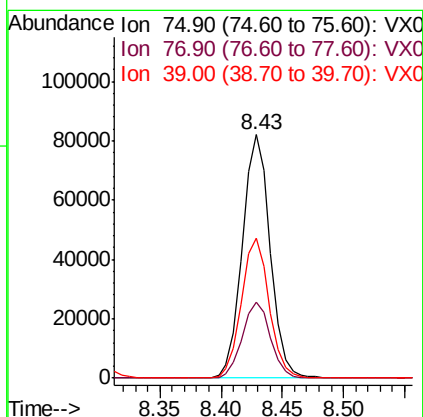
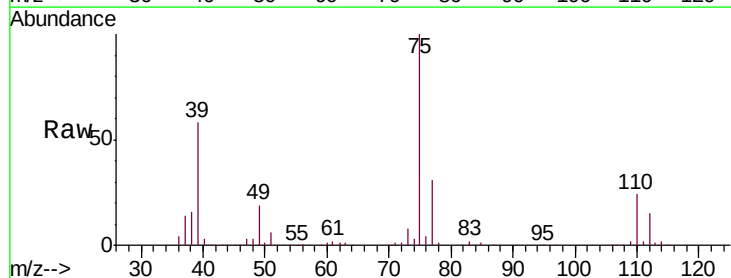
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

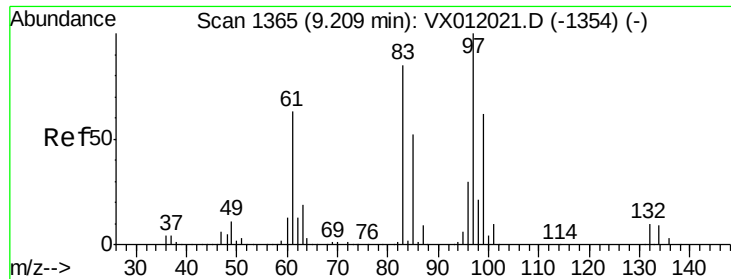
Tgt Ion: 75 Resp: 116206
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 53.858 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion: 75 Resp: 129189
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.5 38.3
 39 57.3 43.0 64.4

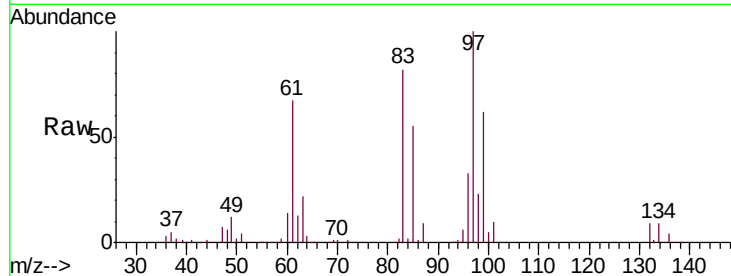




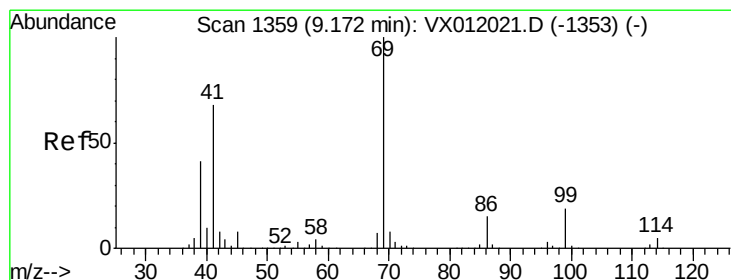
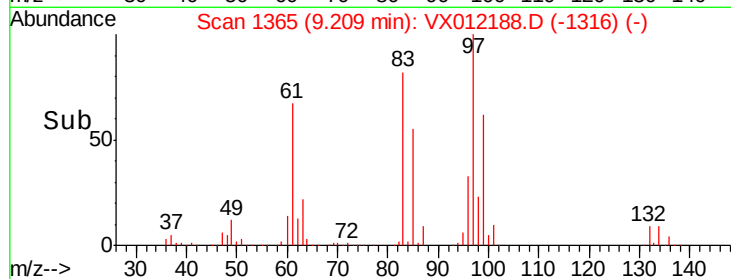
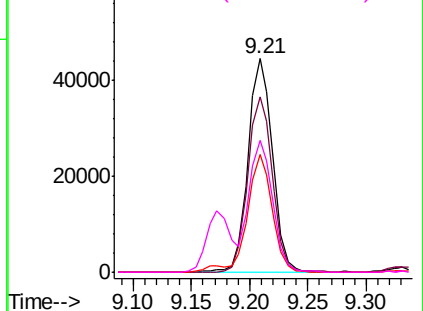
#55
 1,1,2-Trichloroethane
 Concen: 55.759 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	65342
Ion	Ratio	Lower	Upper
97	100		
83	81.9	66.0	99.0
85	55.0	41.0	61.6
99	61.8	50.6	75.8

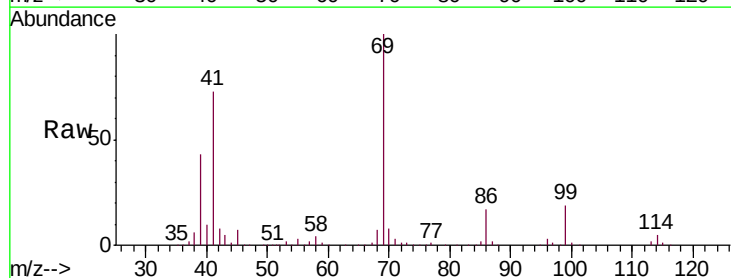


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

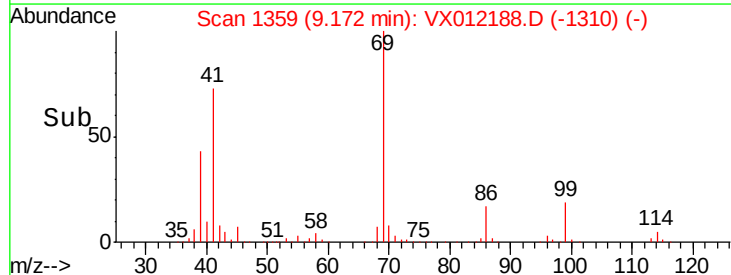
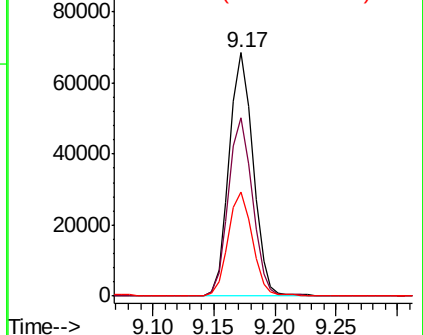


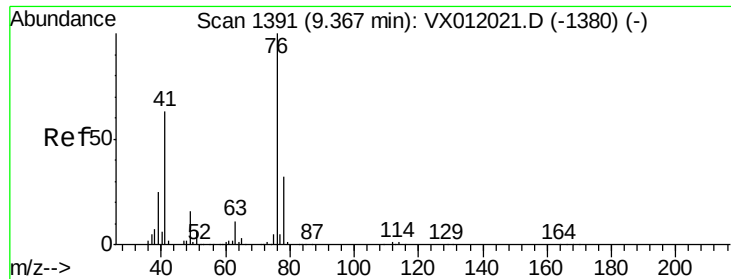
#56
 Ethyl methacrylate
 Concen: 55.632 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion:	69	Resp:	93381
Ion	Ratio	Lower	Upper
69	100		
41	73.1	53.9	80.9
39	42.5	31.1	46.7



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

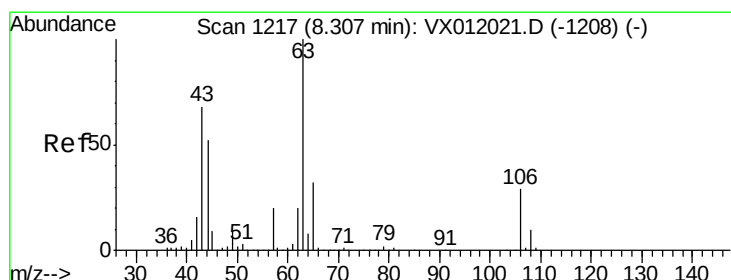
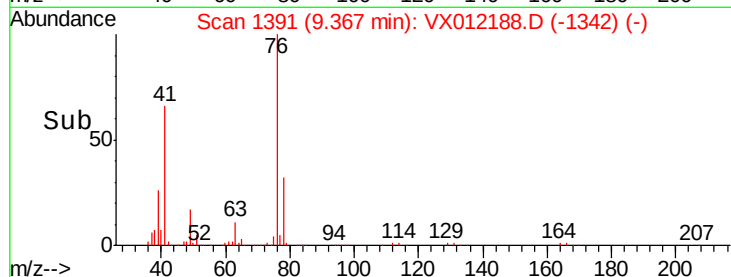
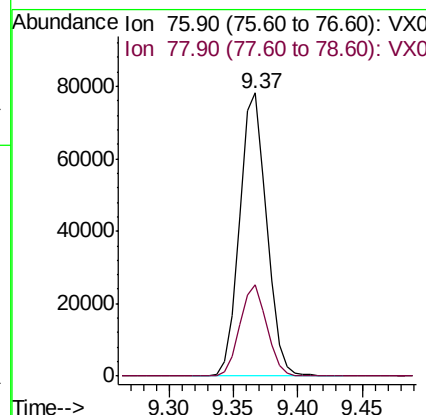
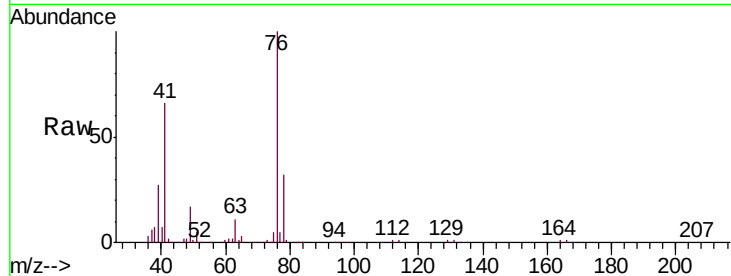




#57
 1,3-Dichloropropane
 Concen: 56.356 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

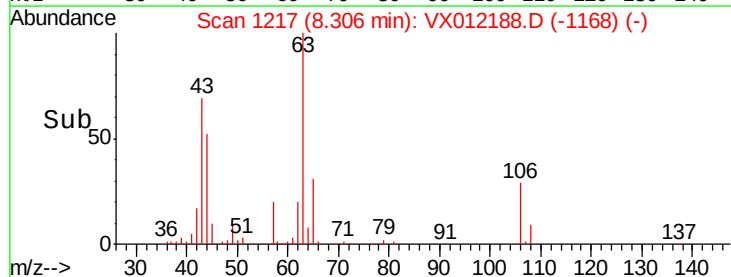
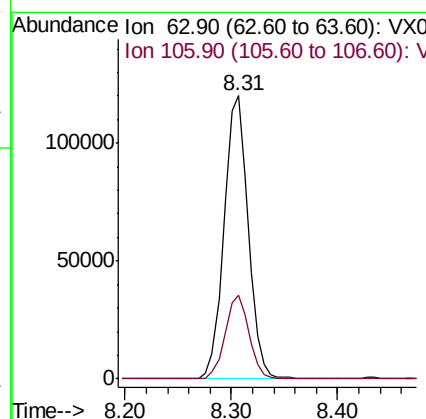
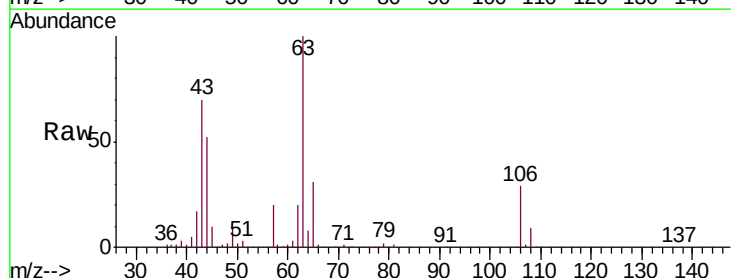
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

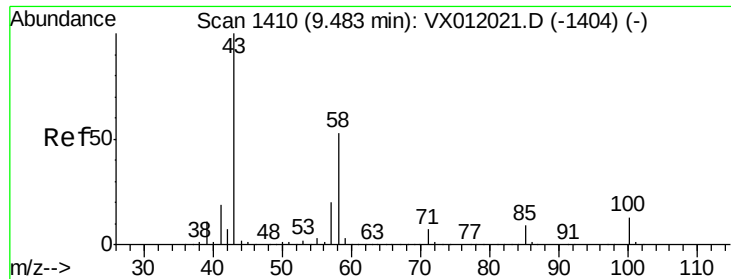
Tgt Ion: 76 Resp: 113962
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.627 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion: 63 Resp: 188906
 Ion Ratio Lower Upper
 63 100
 106 29.4 26.5 39.7

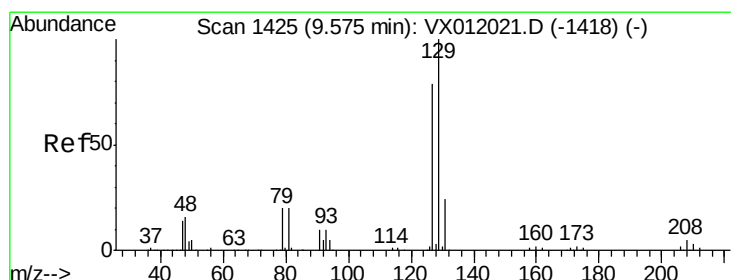
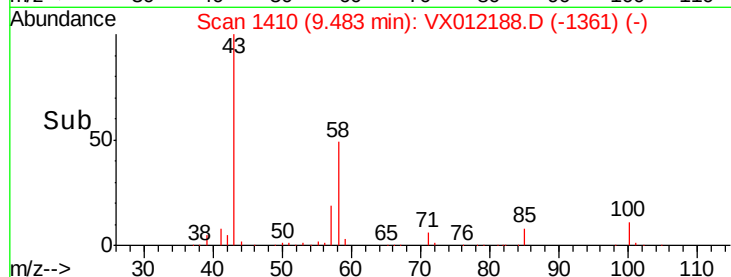
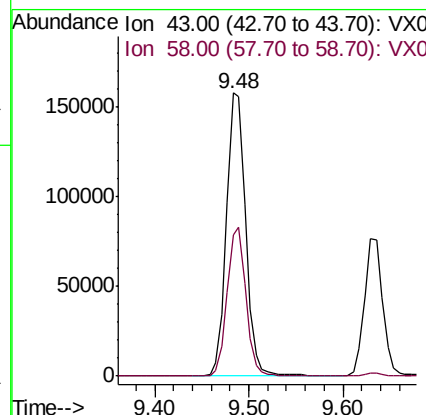
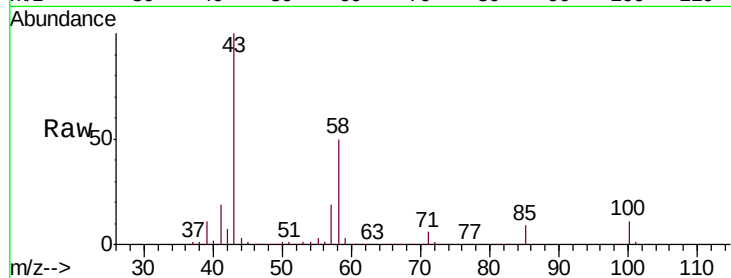




#59
 2-Hexanone
 Concen: 287.417 ug/l
 RT: 9.48 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

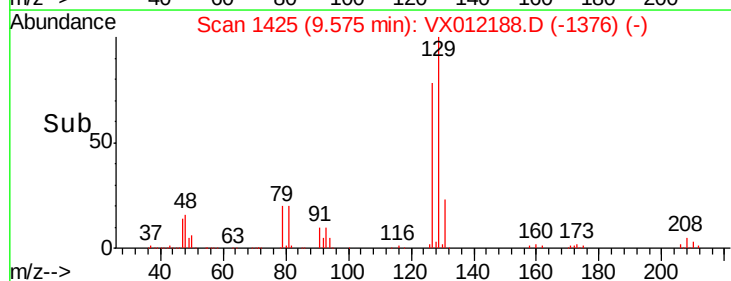
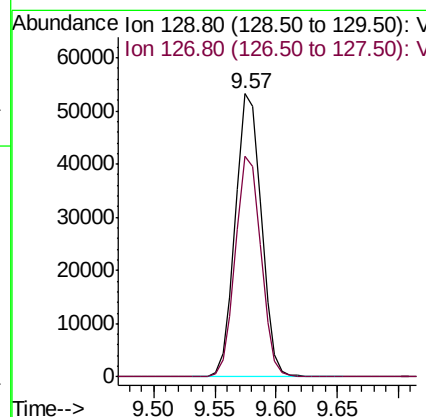
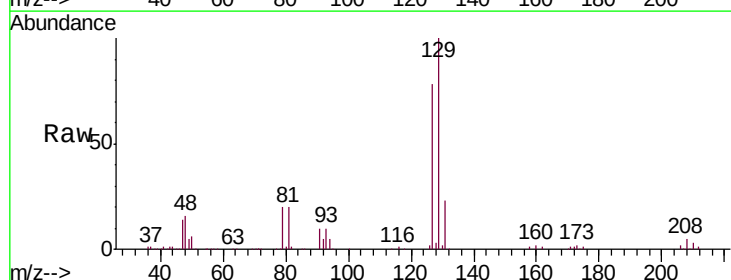
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

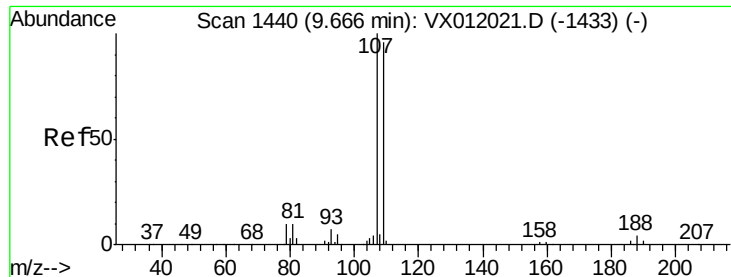
Tgt Ion: 43 Resp: 223287
 Ion Ratio Lower Upper
 43 100
 58 51.6 27.2 81.6



#60
 Dibromochloromethane
 Concen: 55.648 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion: 129 Resp: 77720
 Ion Ratio Lower Upper
 129 100
 127 77.3 38.1 114.5

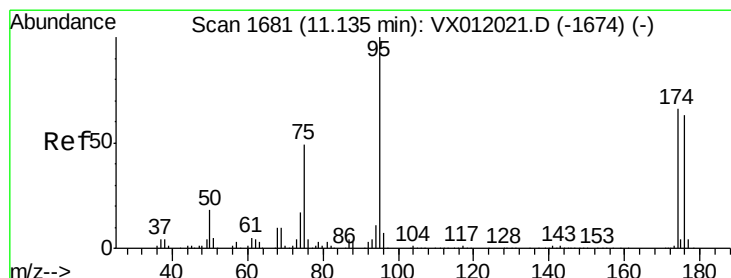
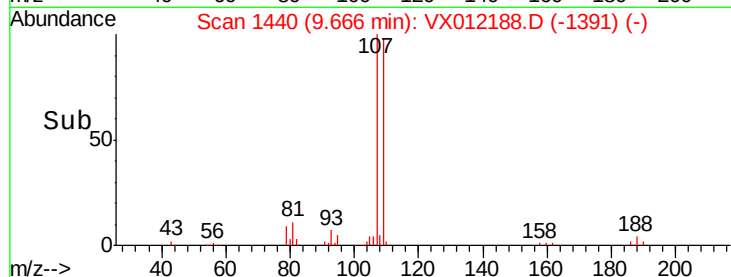
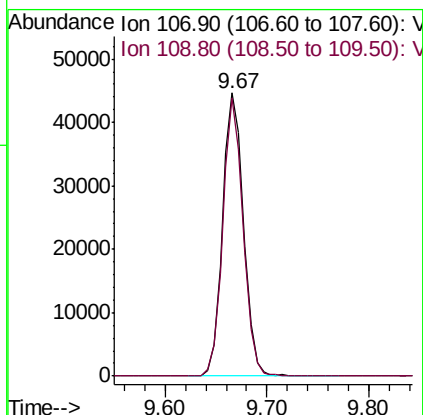
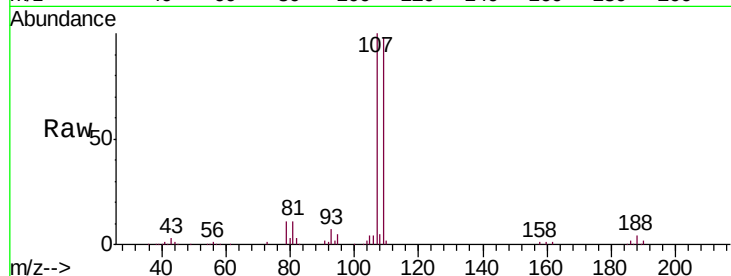




#61
 1,2-Dibromoethane
 Concen: 56.190 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

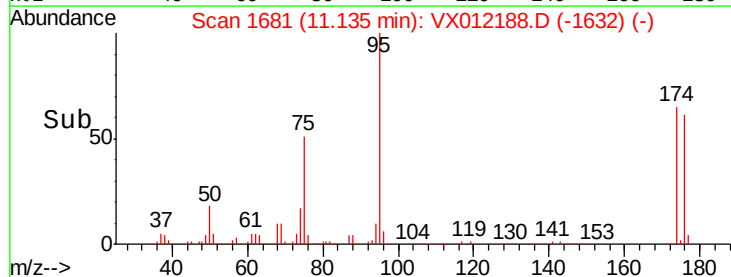
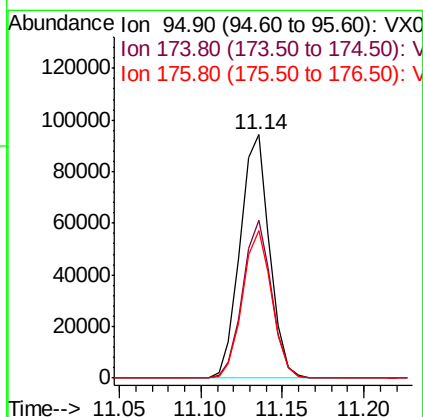
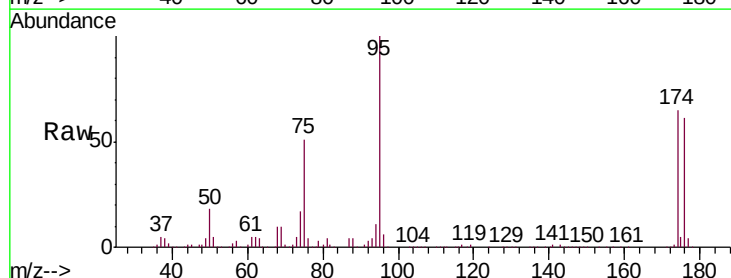
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

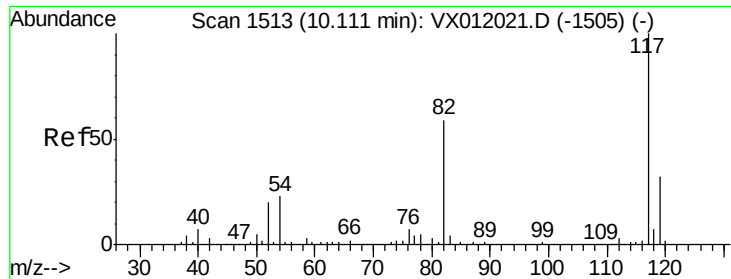
Tgt Ion: 107 Resp: 63627
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.9 115.3



#62
 4-Bromofluorobenzene
 Concen: 52.762 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion: 95 Resp: 119018
 Ion Ratio Lower Upper
 95 100
 174 63.9 0.0 205.4
 176 60.2 0.0 201.8

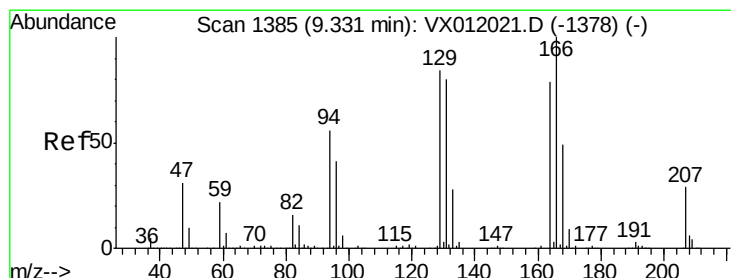
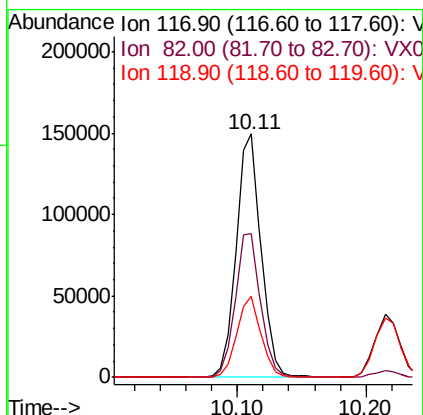
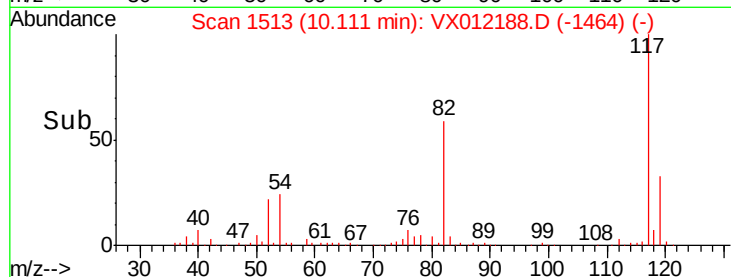
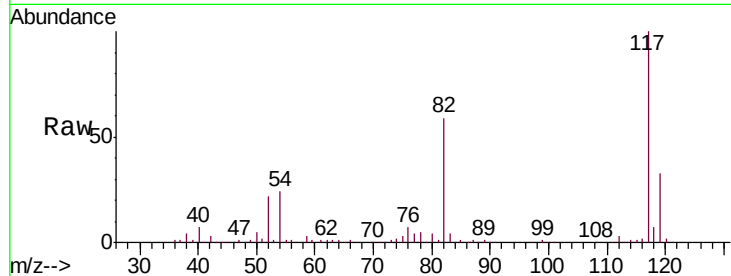




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

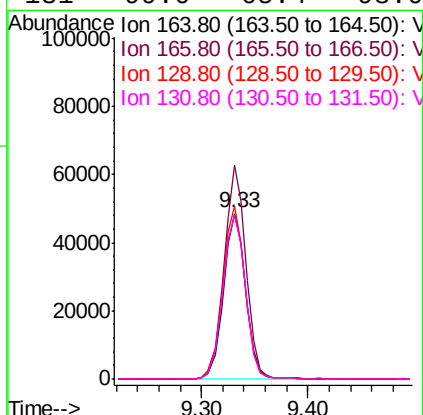
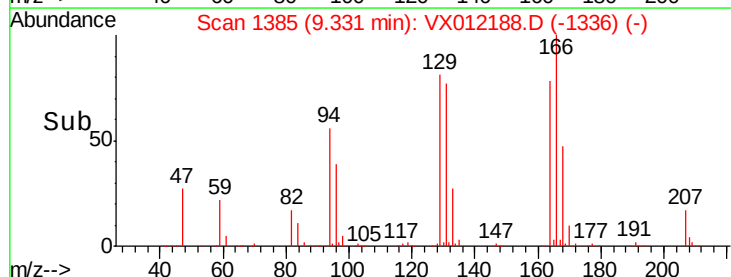
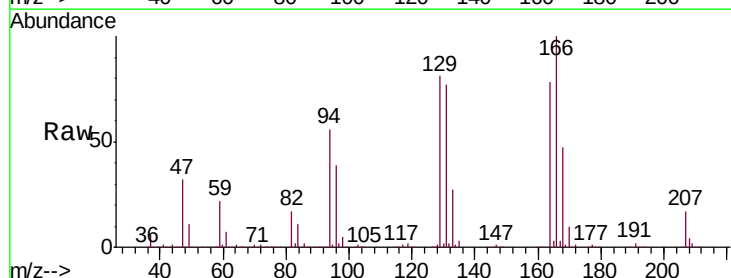
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

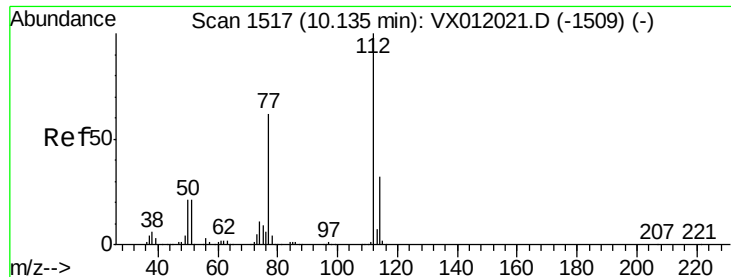
Tgt Ion:117 Resp: 199690
Ion Ratio Lower Upper
117 100
82 59.0 39.4 59.0
119 33.3 26.1 39.1



#64
Tetrachloroethene
Concen: 56.606 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion:164 Resp: 70472
Ion Ratio Lower Upper
164 100
166 129.0 104.3 156.5
129 104.7 68.3 102.5#
131 99.0 65.4 98.0#

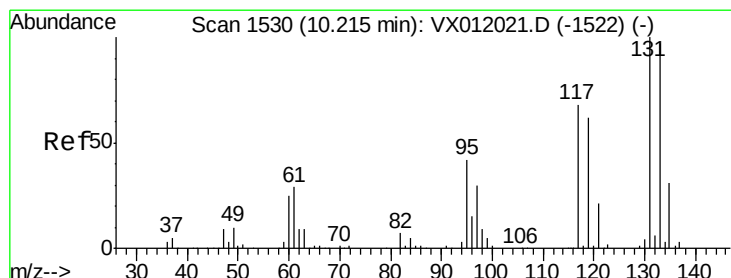
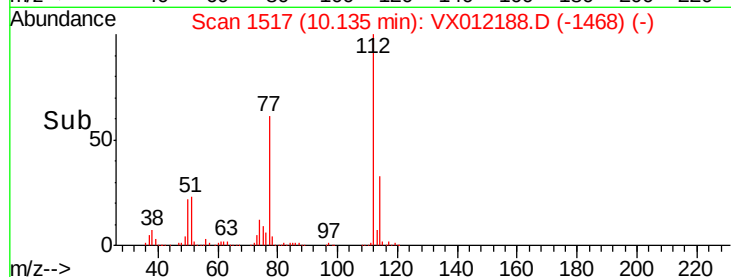
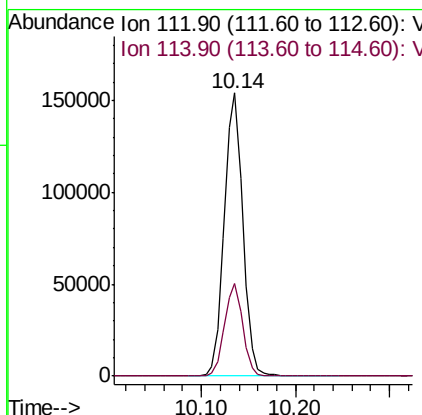
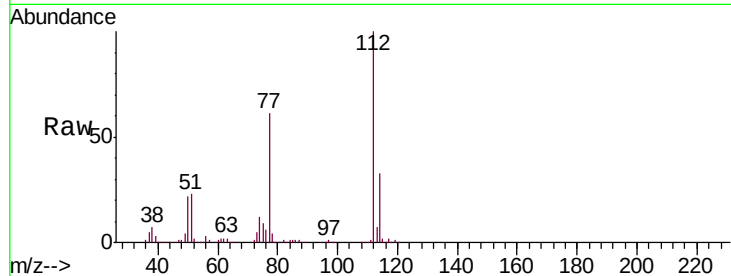




#65
Chlorobenzene
Concen: 53.467 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

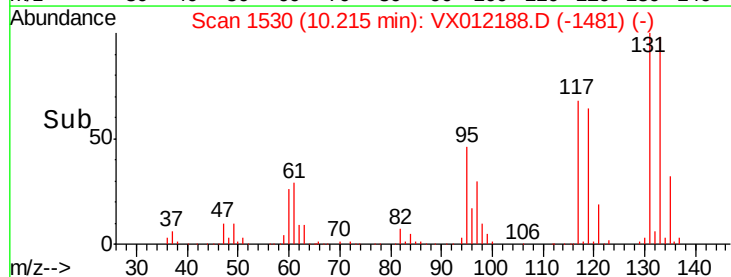
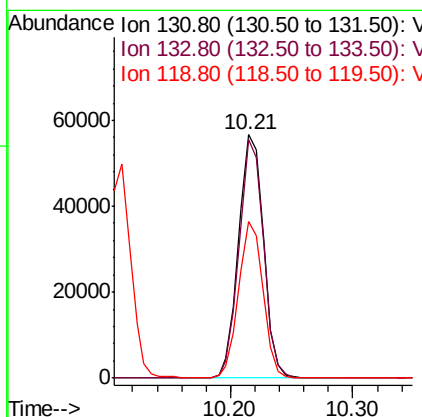
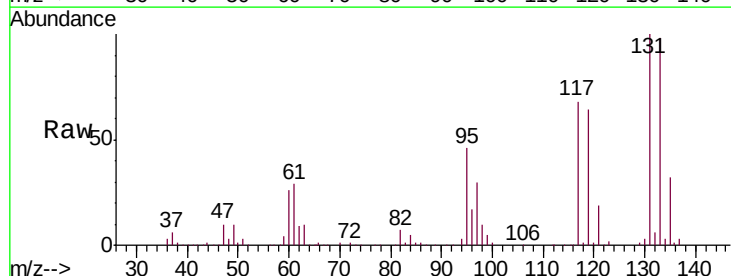
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

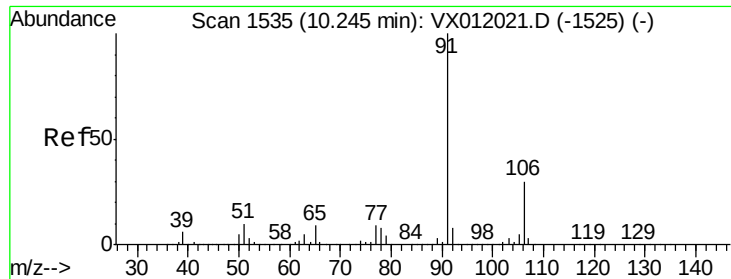
Tgt Ion:112 Resp: 210661
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 55.422 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion:131 Resp: 79844
Ion Ratio Lower Upper
131 100
133 95.9 48.4 145.0
119 62.9 30.5 91.5

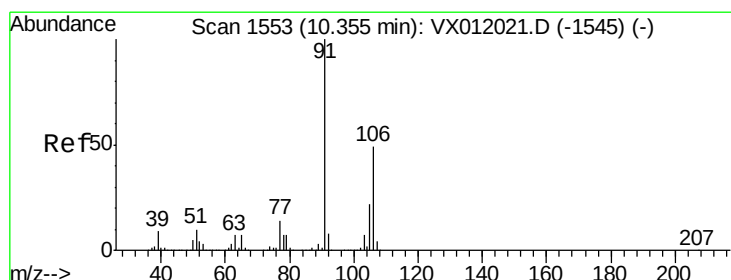
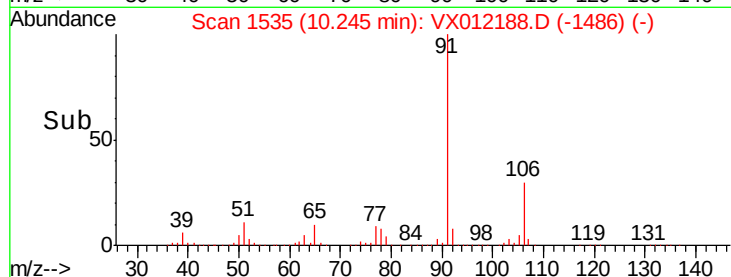
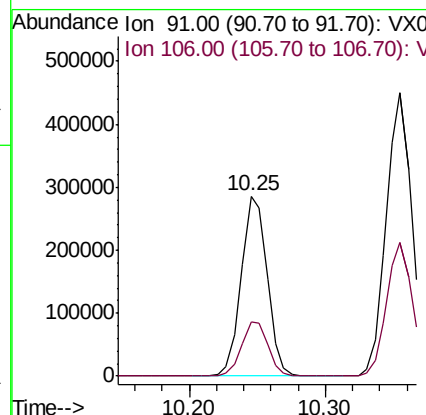
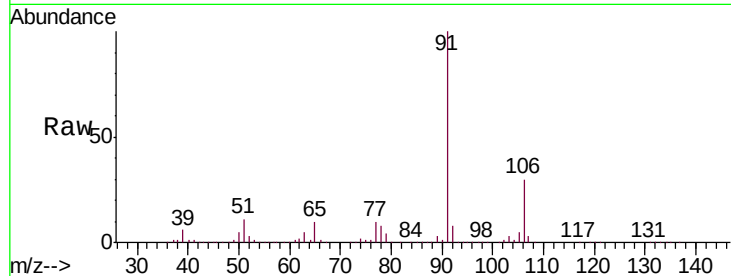




#67
Ethyl Benzene
Concen: 52.906 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

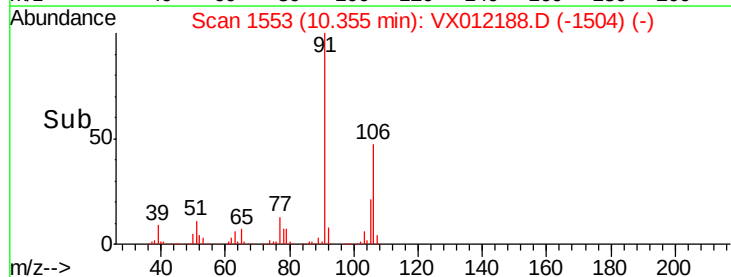
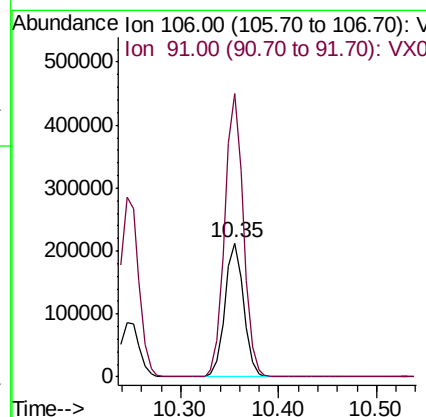
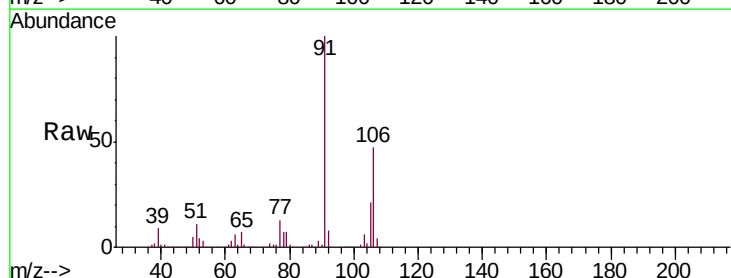
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

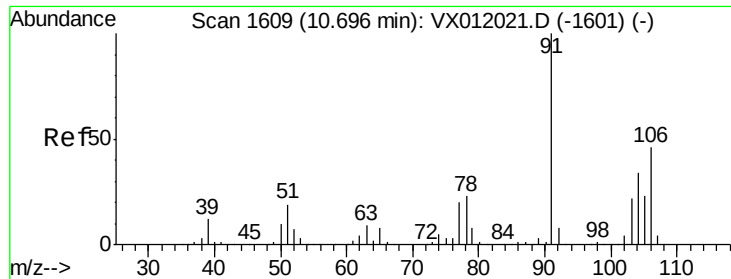
Tgt Ion: 91 Resp: 379967
Ion Ratio Lower Upper
91 100
106 30.5 25.8 38.8



#68
m/p-Xylenes
Concen: 106.706 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion: 106 Resp: 282354
Ion Ratio Lower Upper
106 100
91 211.2 157.5 236.3

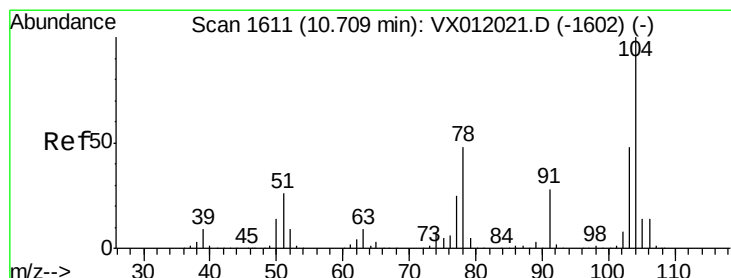
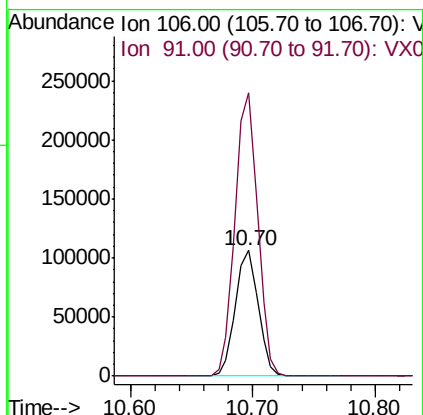
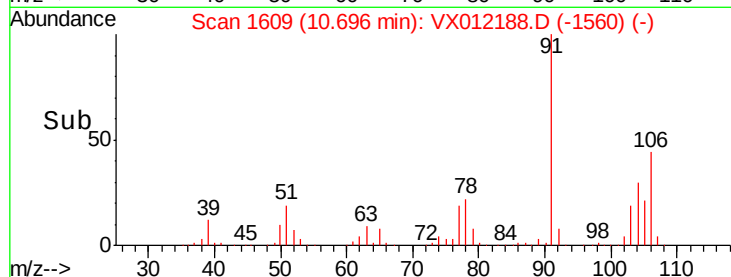
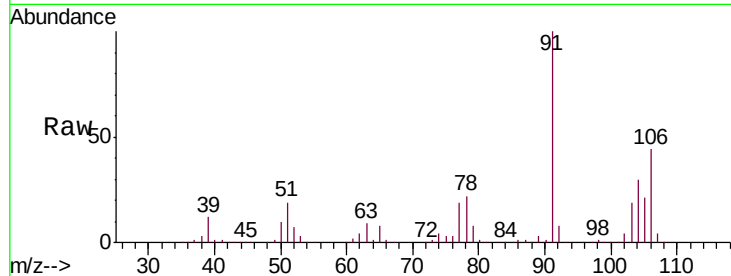




#69
o-Xylene
Concen: 53.546 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

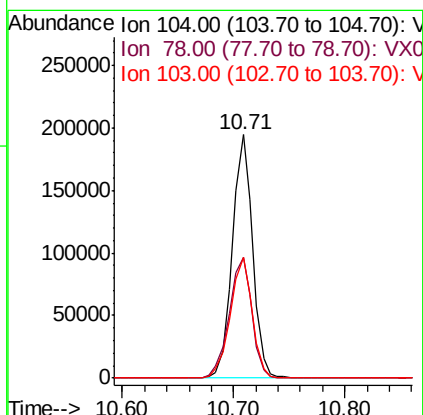
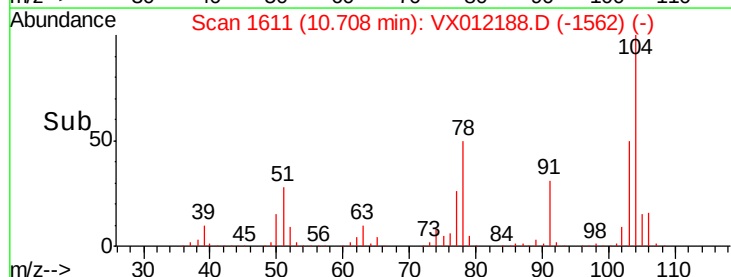
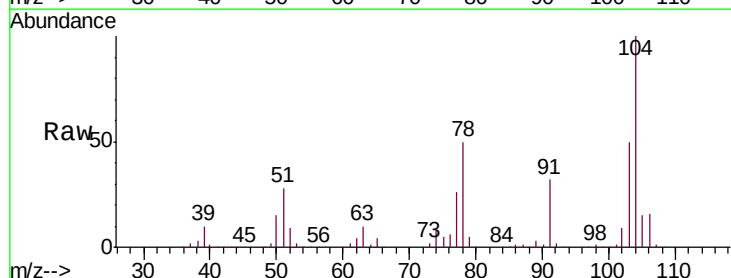
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

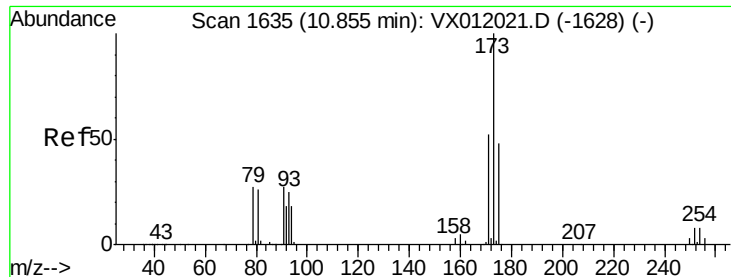
Tgt Ion:106 Resp: 137393
Ion Ratio Lower Upper
106 100
91 223.5 103.5 310.3



#70
Styrene
Concen: 54.678 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion:104 Resp: 243685
Ion Ratio Lower Upper
104 100
78 56.1 39.1 58.7
103 53.7 43.4 65.2





#71

Bromoform

Concen: 54.093 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

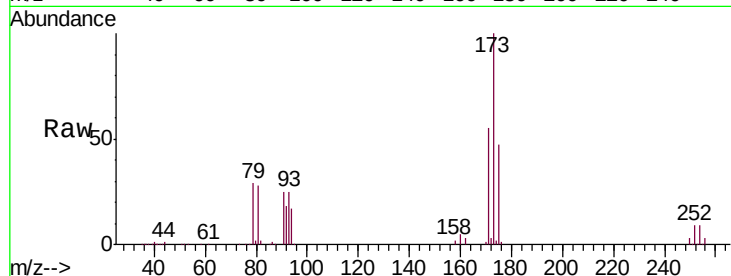
Tgt Ion:173 Resp: 42803

Ion Ratio Lower Upper

173 100

175 48.3 24.9 74.7

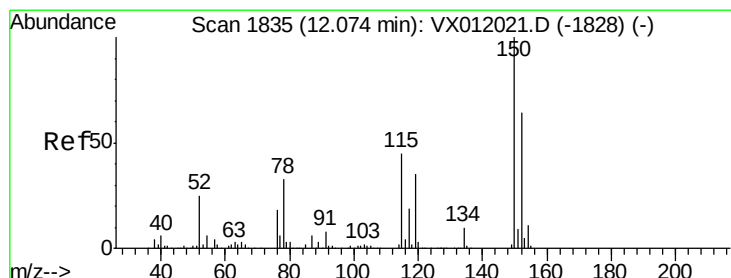
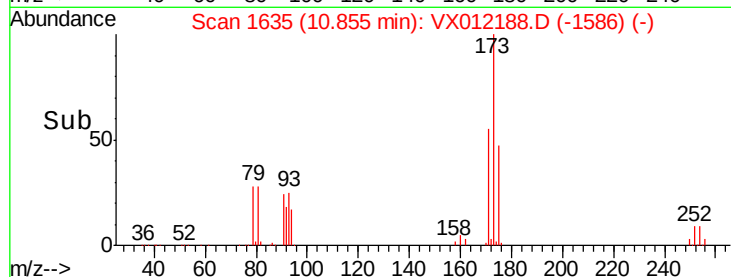
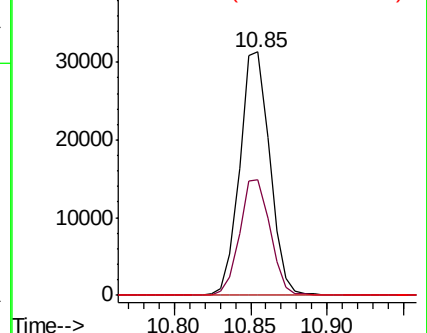
254 0.1 0.1 0.1



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: VX012188.D

Acq: 07 Sep 2019 20:46

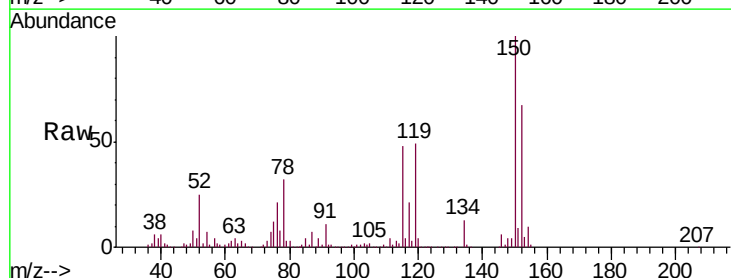
Tgt Ion:152 Resp: 100541

Ion Ratio Lower Upper

152 100

115 93.7 36.4 109.3

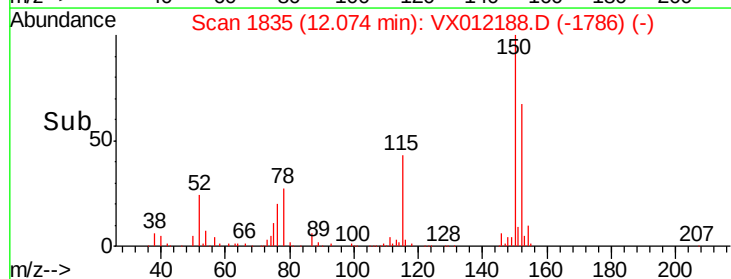
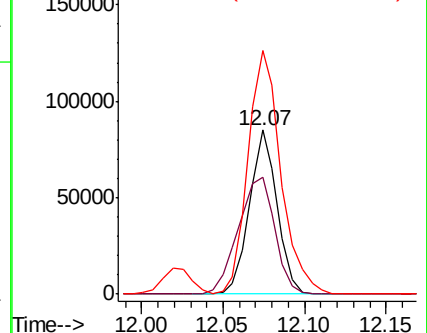
150 176.1 0.0 341.2

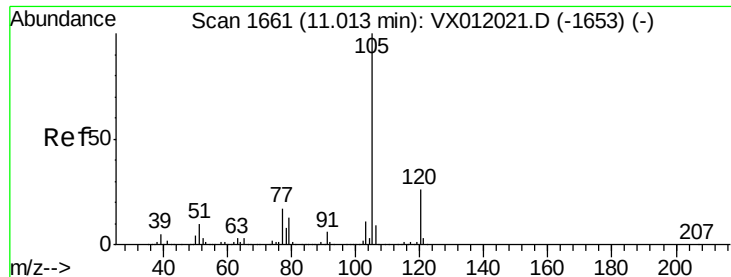


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

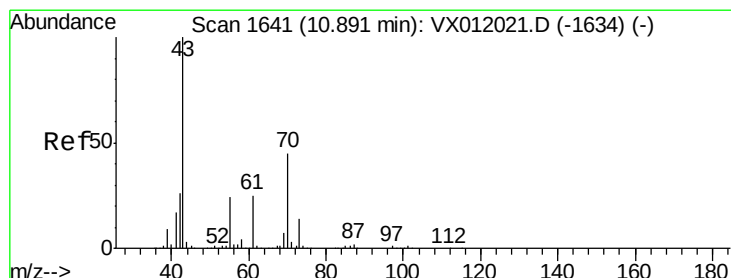
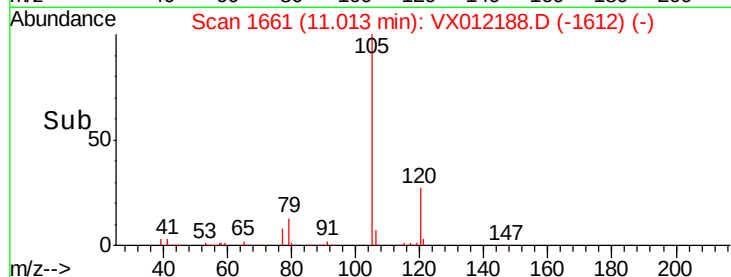
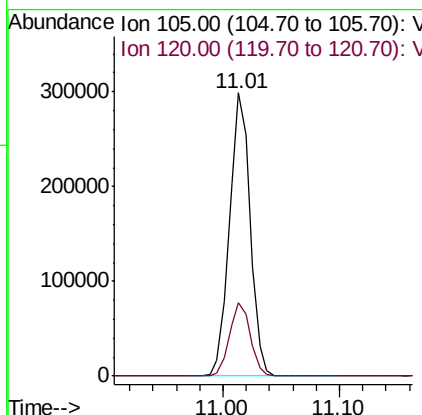
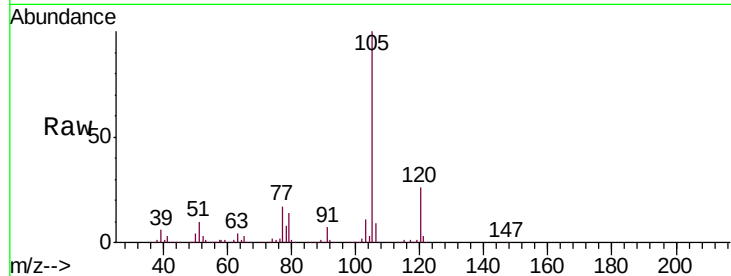




#73
Isopropylbenzene
Concen: 50.082 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

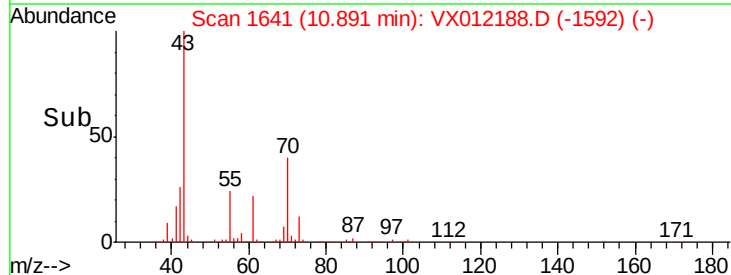
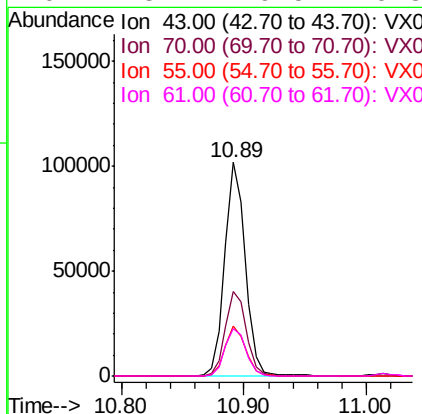
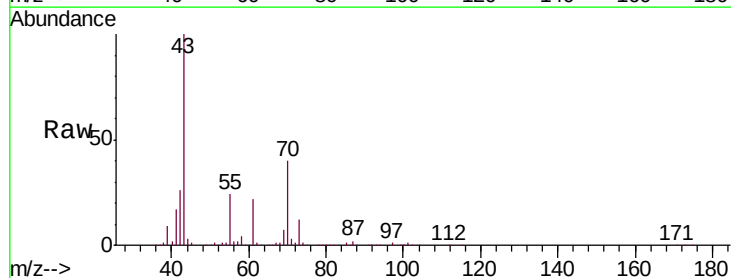
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

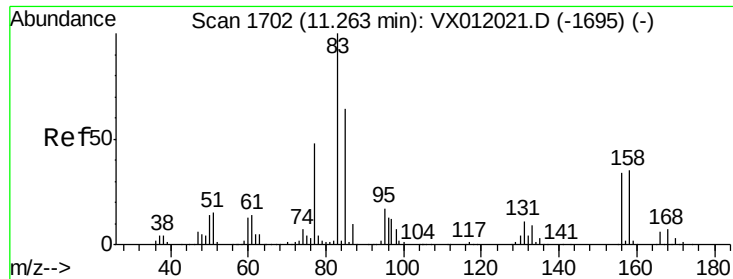
Tgt Ion: 105 Resp: 369449
Ion Ratio Lower Upper
105 100
120 26.2 13.9 41.6



#74
N-ethyl acetate
Concen: 53.644 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion: 43 Resp: 117002
Ion Ratio Lower Upper
43 100
70 40.9 34.4 51.6
55 24.1 18.5 27.7
61 23.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 51.793 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

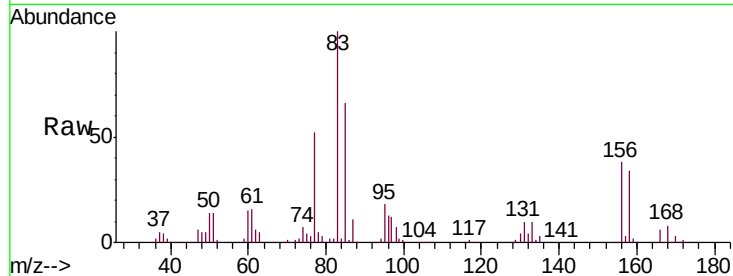
Tgt Ion: 83 Resp: 79651

Ion Ratio Lower Upper

83 100

131 10.8 6.3 19.1

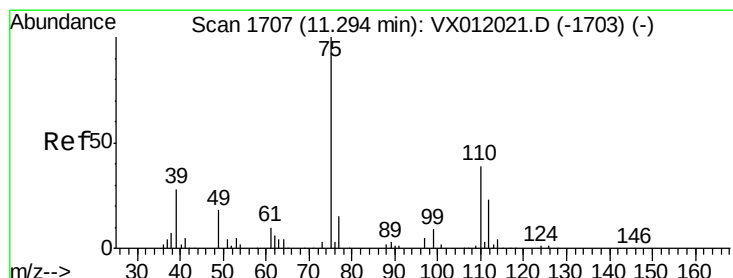
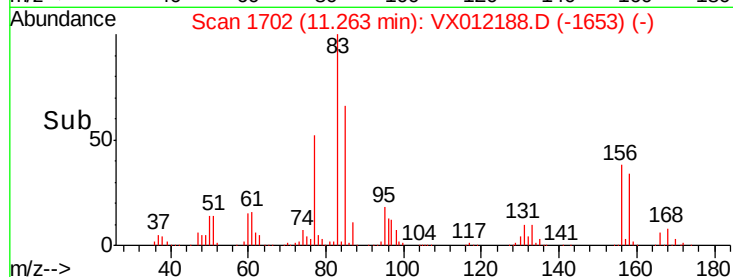
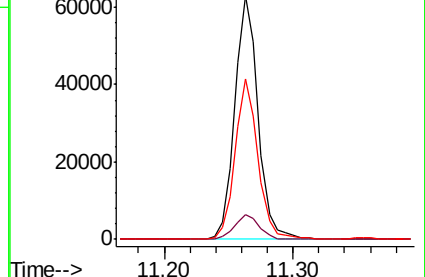
85 64.5 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX012021.D (-1695) (-)

Ion 130.80 (130.50 to 131.50): VX012021.D (-1695) (-)

Ion 84.90 (84.60 to 85.60): VX012021.D (-1695) (-)



#76

1,2,3-Trichloropropane

Concen: 72.309 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012188.D

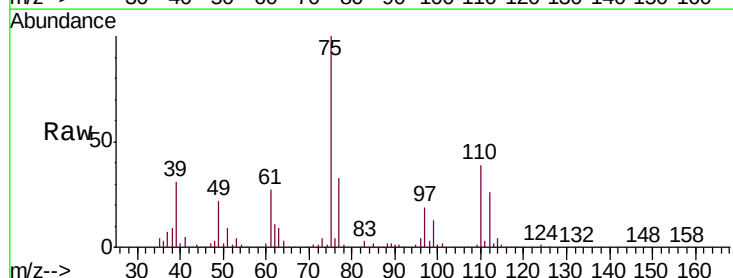
Acq: 07 Sep 2019 20:46

Tgt Ion: 75 Resp: 88829

Ion Ratio Lower Upper

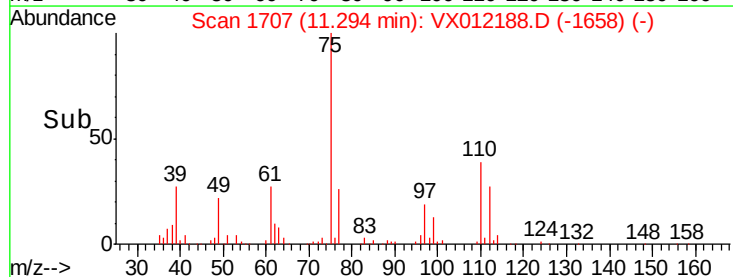
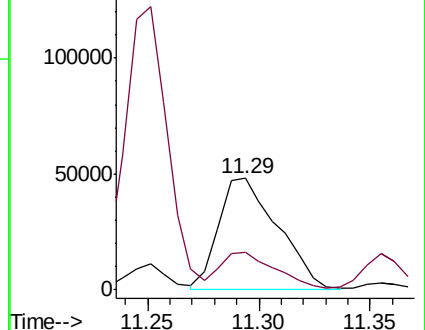
75 100

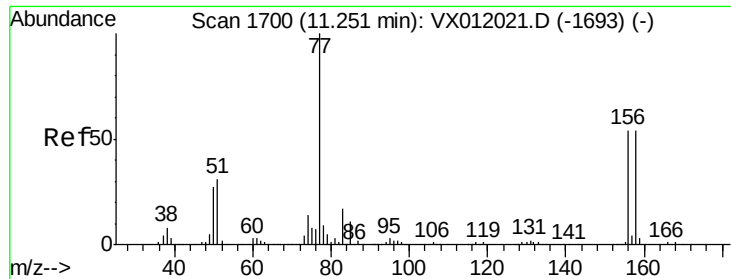
77 31.1 23.5 70.5



Abundance Ion 74.90 (74.60 to 75.60): VX012021.D (-1703) (-)

Ion 77.00 (76.70 to 77.70): VX012021.D (-1703) (-)





#77

Bromobenzene

Concen: 53.287 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

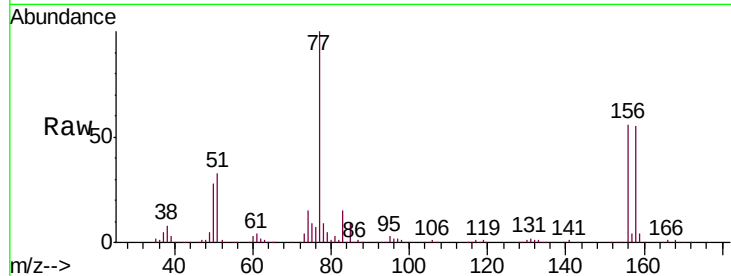
Tgt Ion:156 Resp: 87915

Ion Ratio Lower Upper

156 100

77 185.4 63.4 190.2

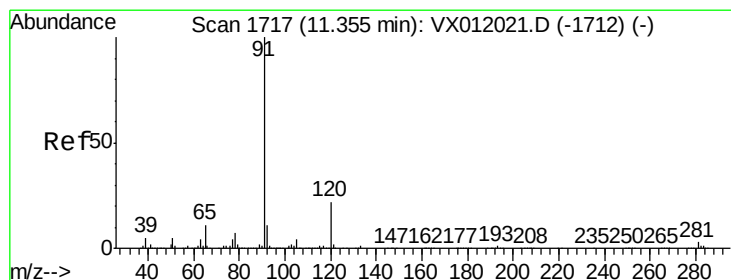
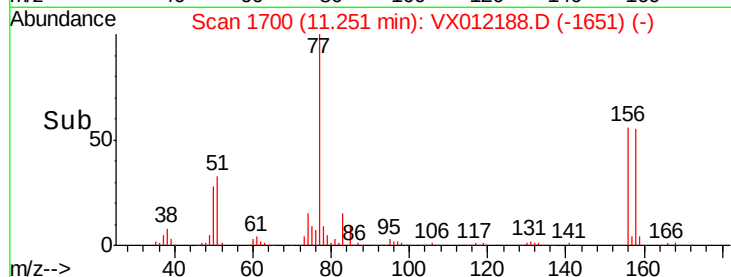
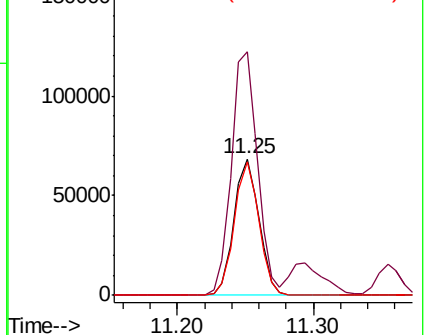
158 95.8 48.9 146.6



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: 50.473 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012188.D

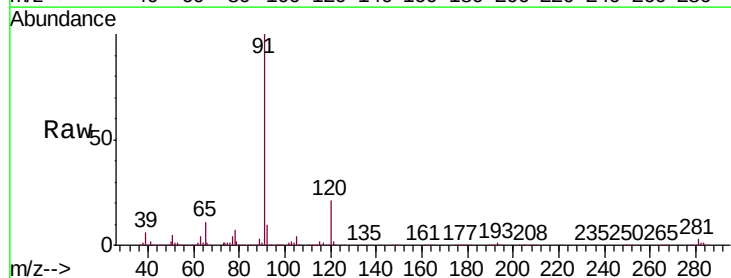
Acq: 07 Sep 2019 20:46

Tgt Ion: 91 Resp: 449824

Ion Ratio Lower Upper

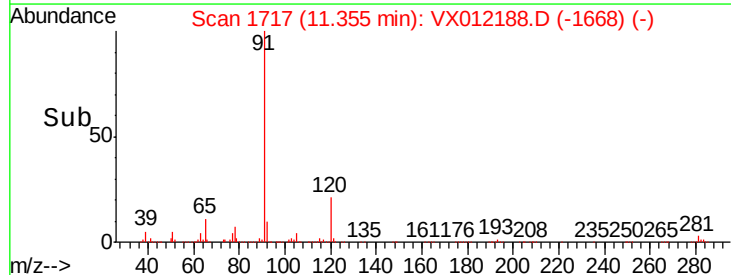
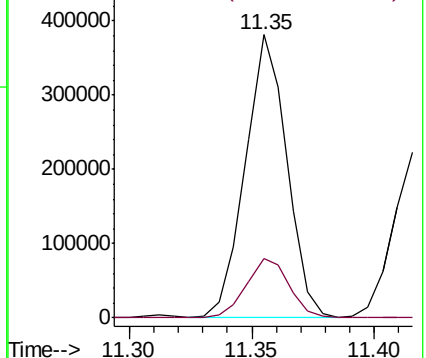
91 100

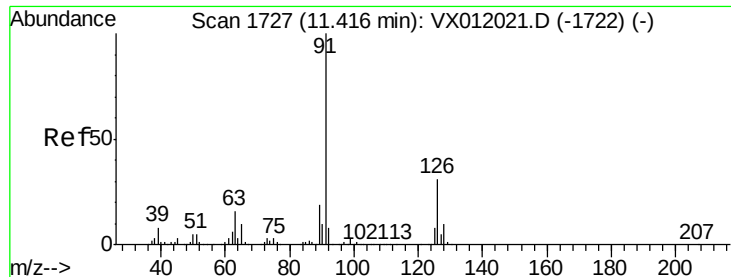
120 21.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

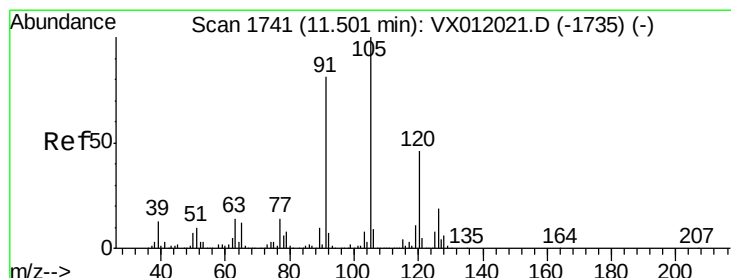
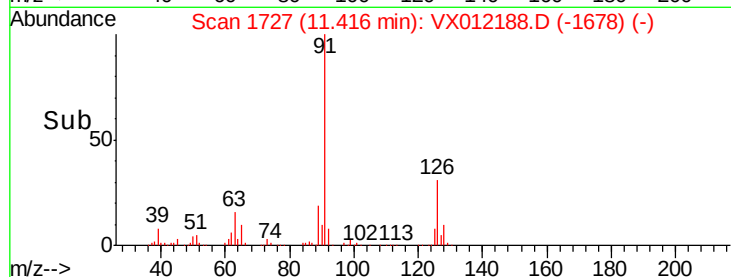
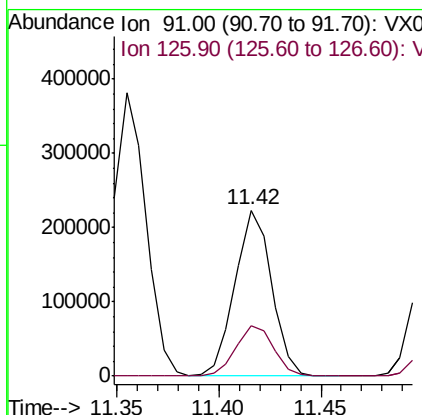
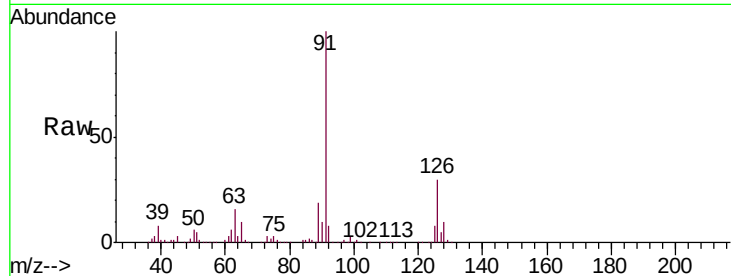




#79
 2-Chlorotoluene
 Concen: 51.309 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

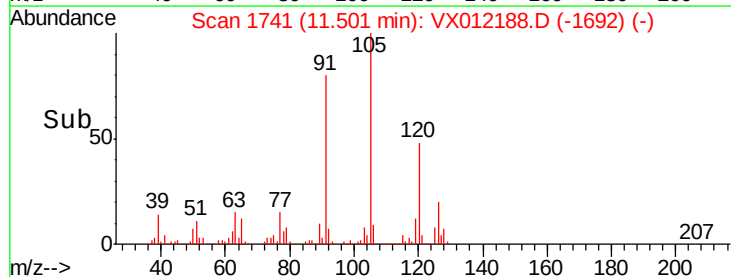
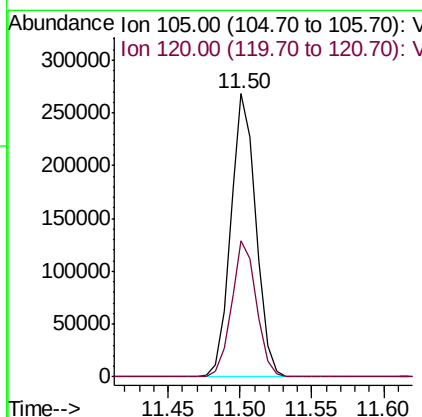
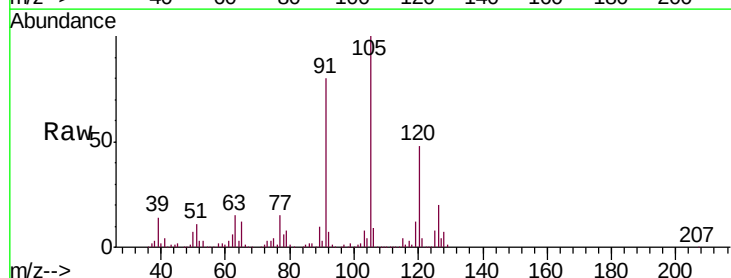
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

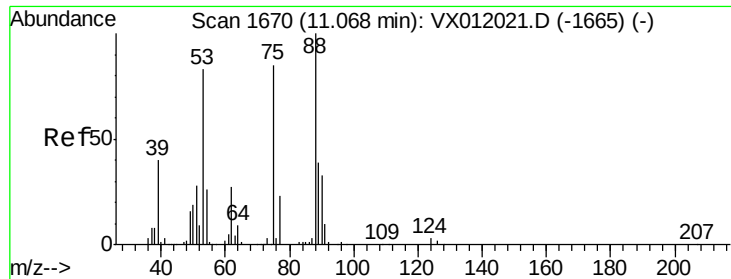
Tgt Ion: 91 Resp: 277027
 Ion Ratio Lower Upper
 91 100
 126 31.8 18.6 55.8



#80
 1,3,5-Trimethylbenzene
 Concen: 50.592 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion: 105 Resp: 327061
 Ion Ratio Lower Upper
 105 100
 120 47.7 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 44.929 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

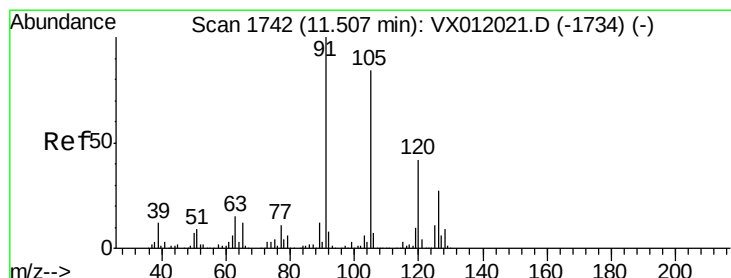
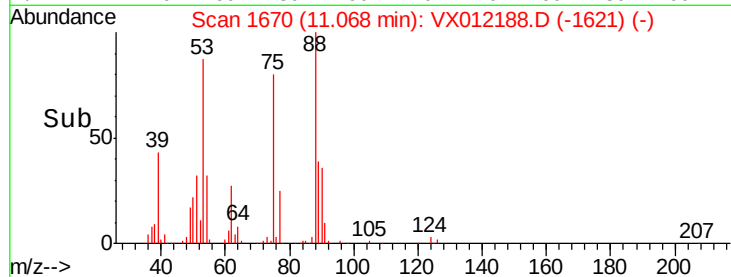
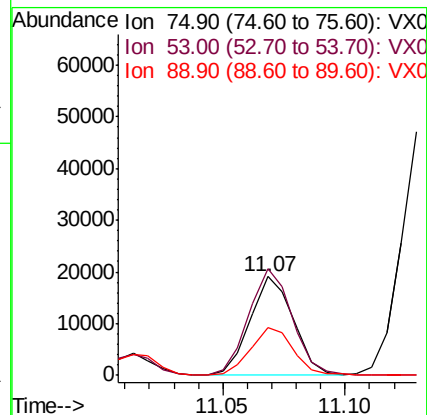
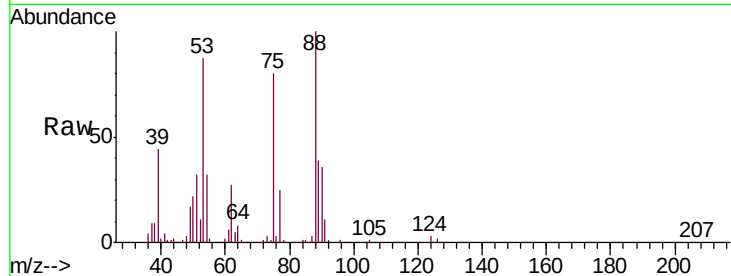
Tgt Ion: 75 Resp: 23346

Ion Ratio Lower Upper

75 100

53 111.3 78.6 117.8

89 48.2 38.8 58.2



#82

4-Chlorotoluene

Concen: 52.092 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012188.D

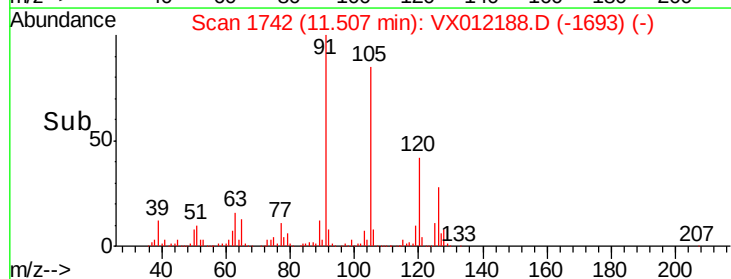
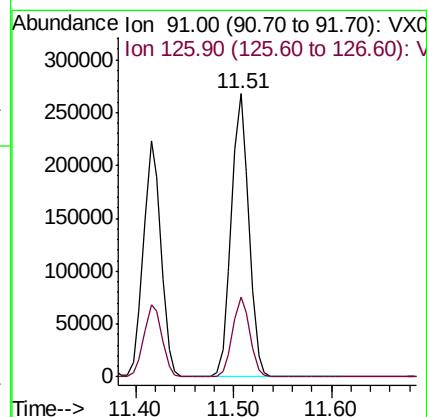
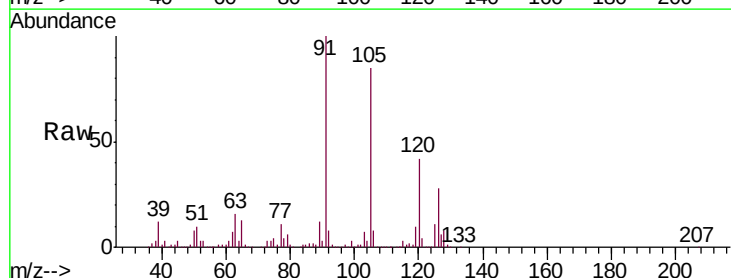
Acq: 07 Sep 2019 20:46

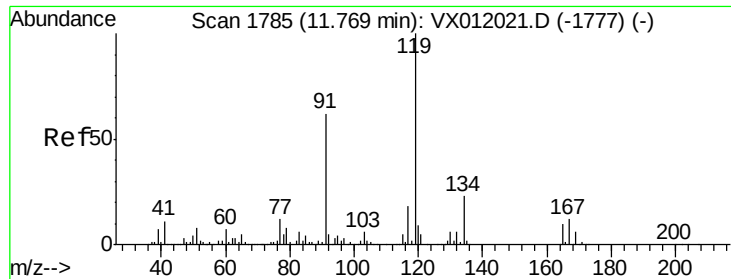
Tgt Ion: 91 Resp: 335228

Ion Ratio Lower Upper

91 100

126 27.8 16.2 48.6

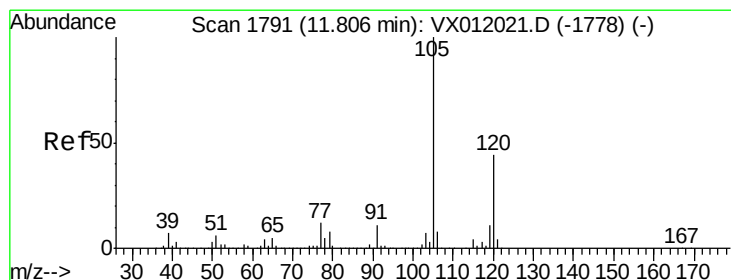
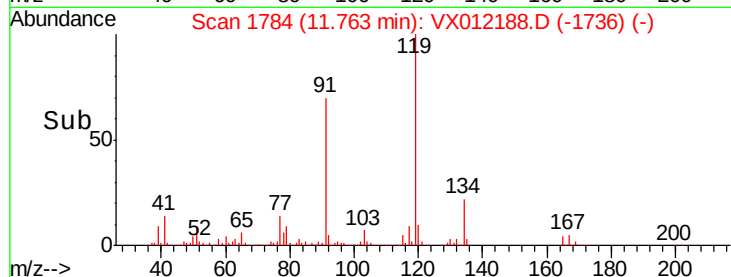
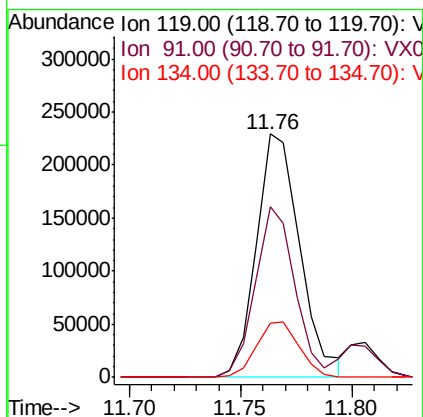
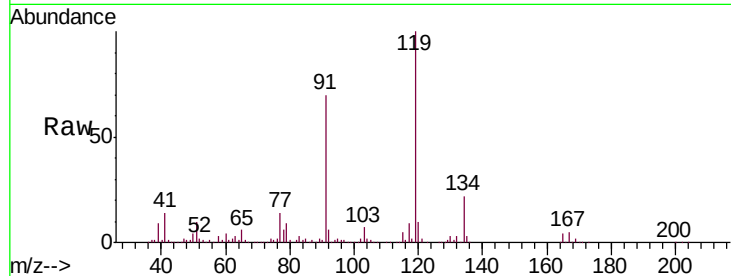




#83
 tert-Butylbenzene
 Concen: 50.712 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

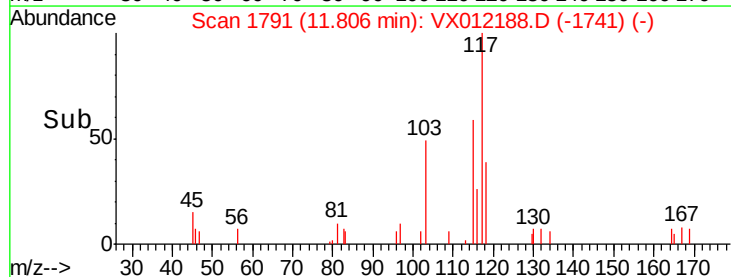
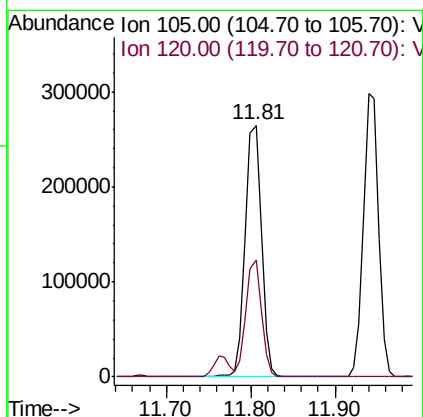
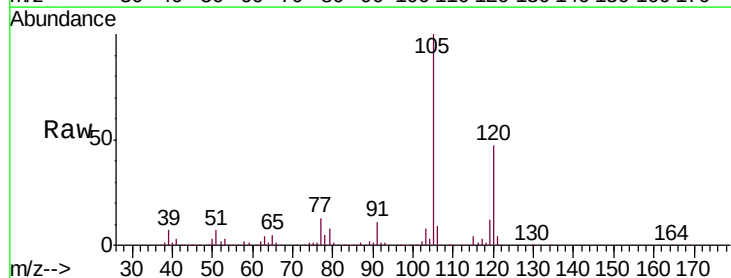
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

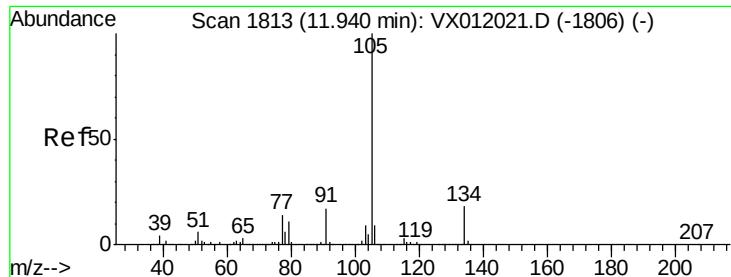
Tgt Ion:119 Resp: 312464
 Ion Ratio Lower Upper
 119 100
 91 64.0 27.1 81.2
 134 22.2 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 51.228 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion:105 Resp: 340373
 Ion Ratio Lower Upper
 105 100
 120 44.1 23.6 70.8

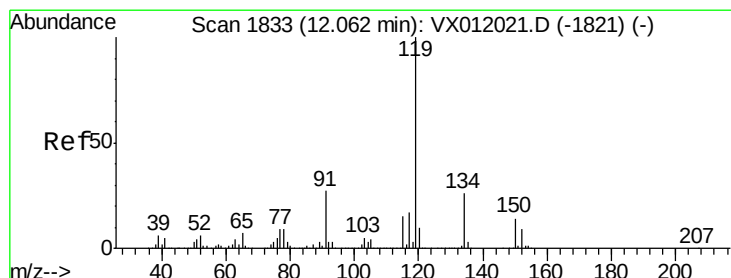
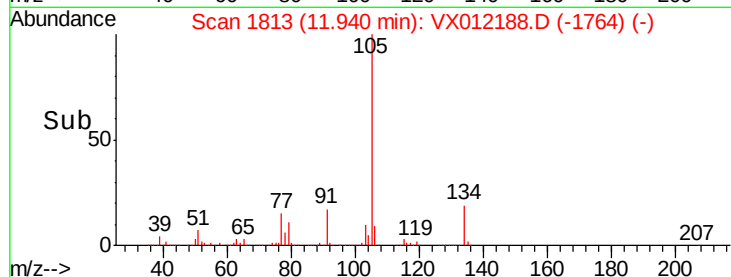
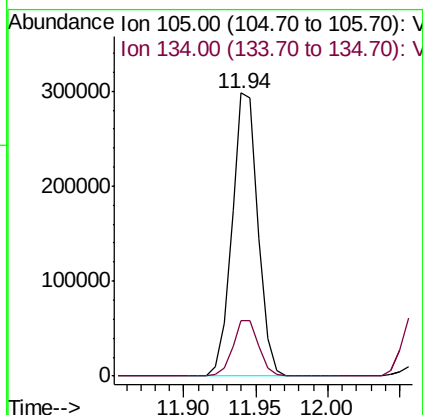
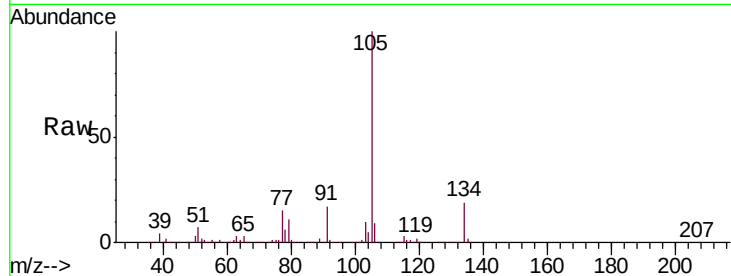




#85
 sec-Butylbenzene
 Concen: 48.951 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

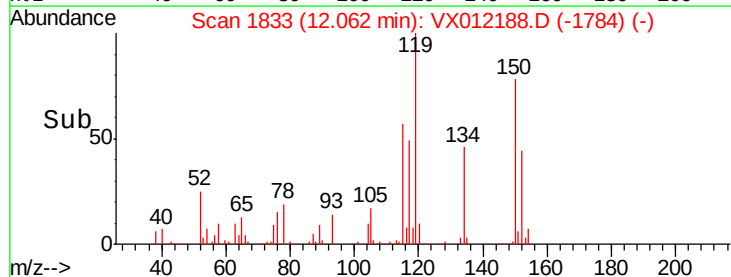
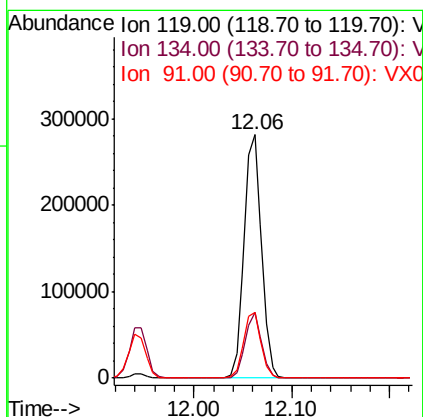
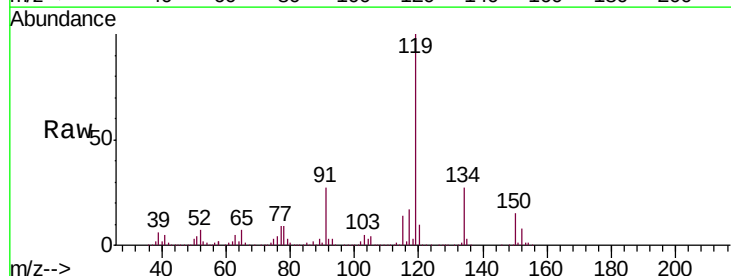
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

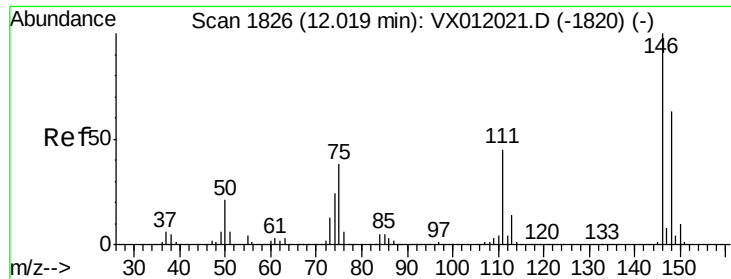
Tgt Ion:105 Resp: 374632
 Ion Ratio Lower Upper
 105 100
 134 19.6 11.2 33.6



#86
 p-Isopropyltoluene
 Concen: 49.935 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion:119 Resp: 347551
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.7 41.1
 91 27.0 11.4 34.1

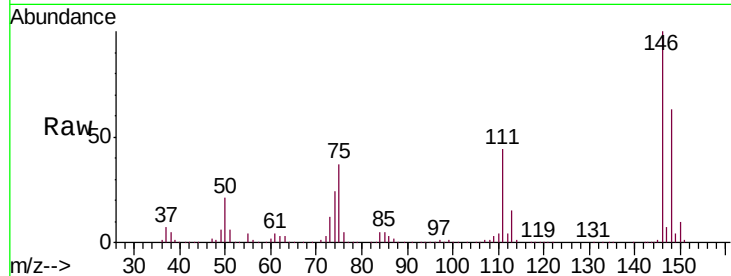




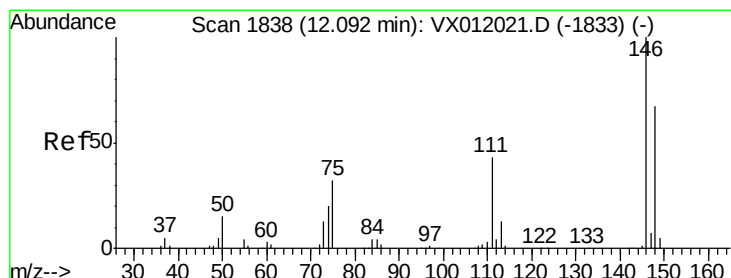
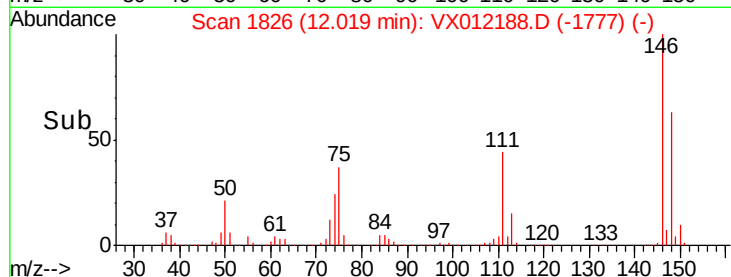
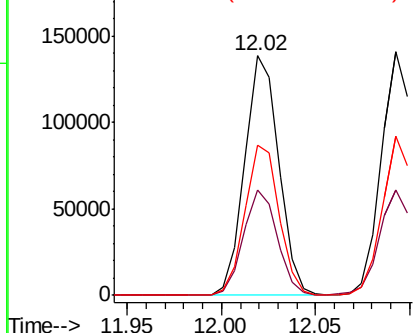
#87
 1,3-Dichlorobenzene
 Concen: 52.736 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 174342
 Ion Ratio Lower Upper
 146 100
 111 43.8 18.1 54.1
 148 62.9 32.6 97.8

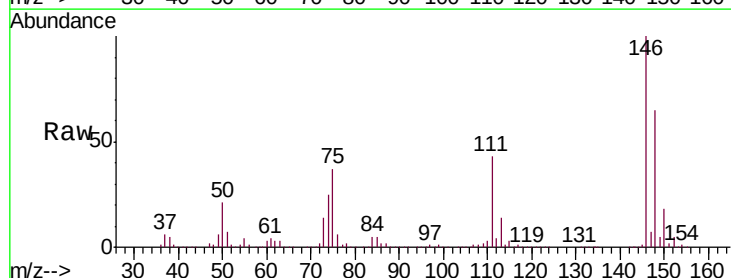


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

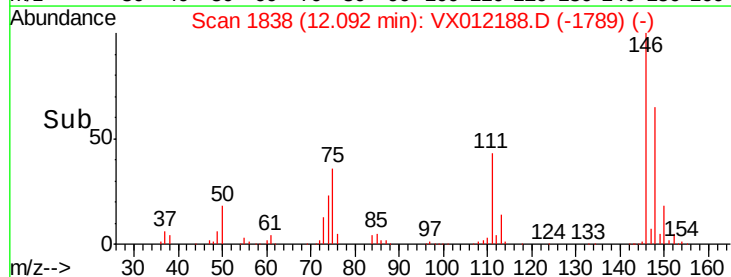
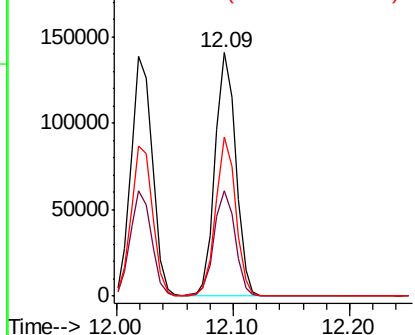


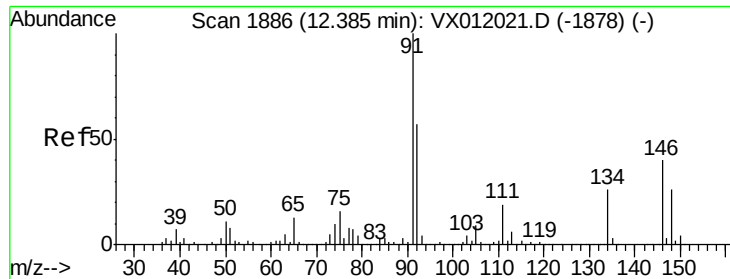
#88
 1,4-Dichlorobenzene
 Concen: 52.078 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion:146 Resp: 172148
 Ion Ratio Lower Upper
 146 100
 111 44.3 17.7 53.1
 148 62.9 32.4 97.0



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

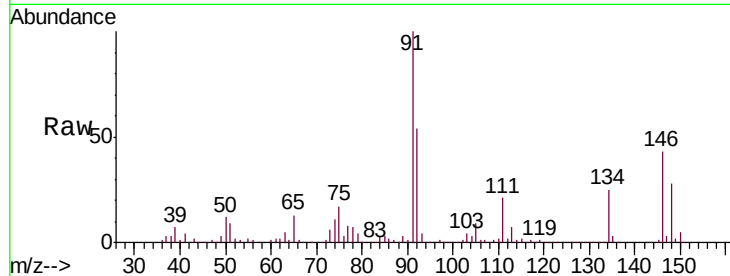




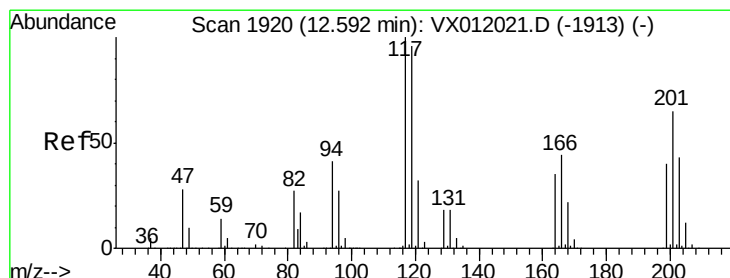
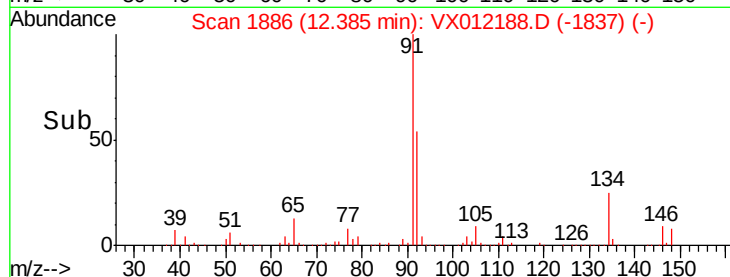
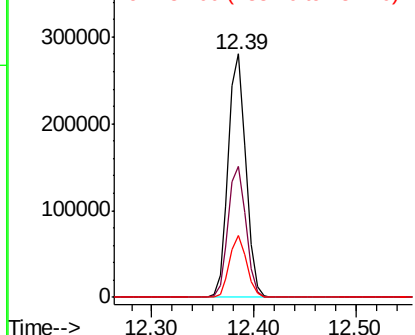
#89
n-Butylbenzene
Concen: 49.218 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 332765
Ion Ratio Lower Upper
91 100
92 54.5 27.6 82.8
134 24.7 15.4 46.1

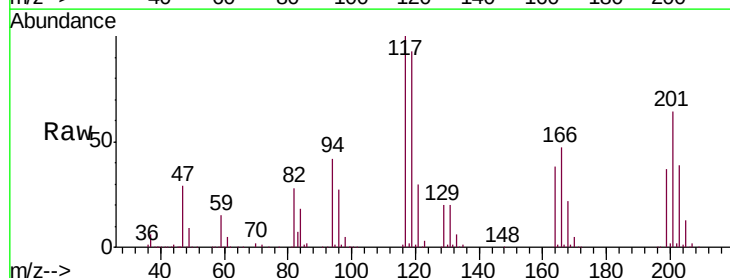


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

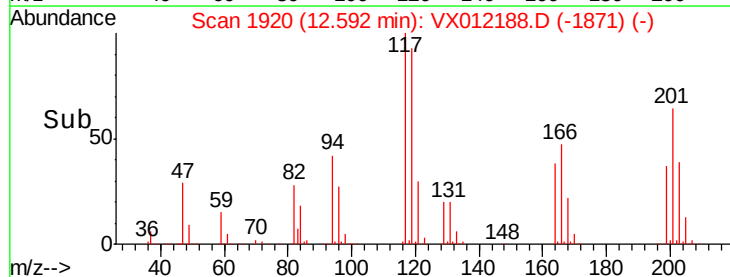
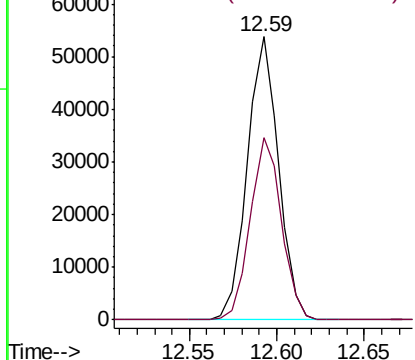


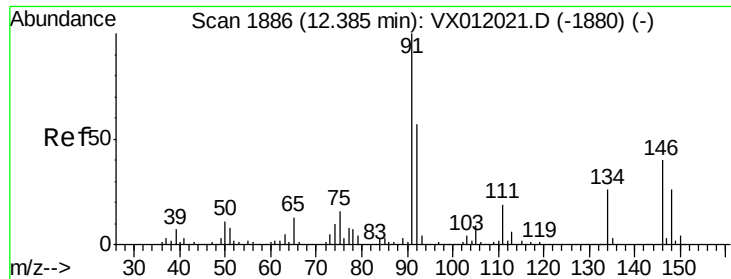
#90
Hexachloroethane
Concen: 48.014 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion: 117 Resp: 66725
Ion Ratio Lower Upper
117 100
201 64.4 55.0 165.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

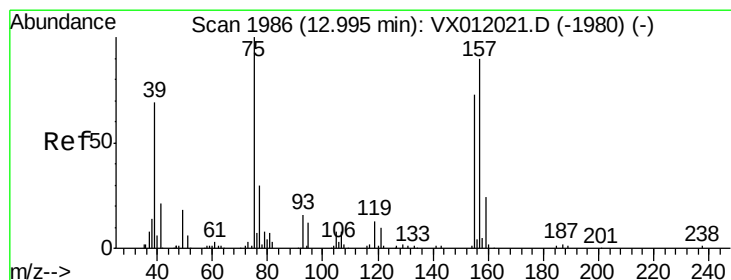
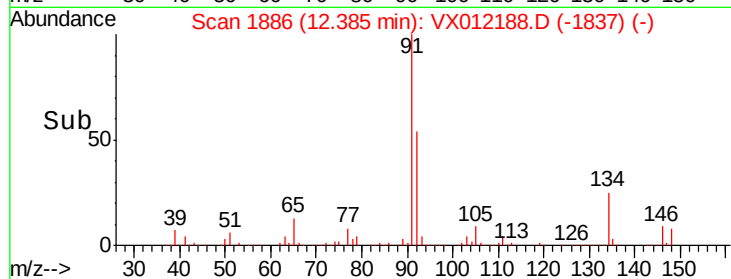
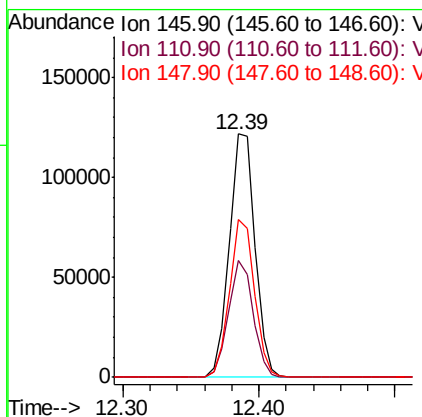
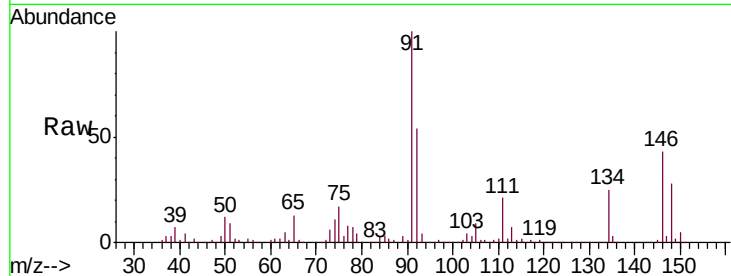




#91
 1,2-Dichlorobenzene
 Concen: 53.753 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

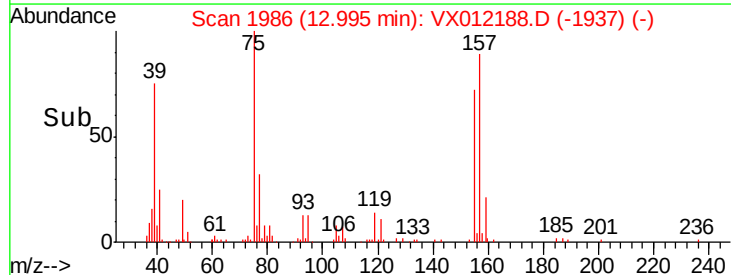
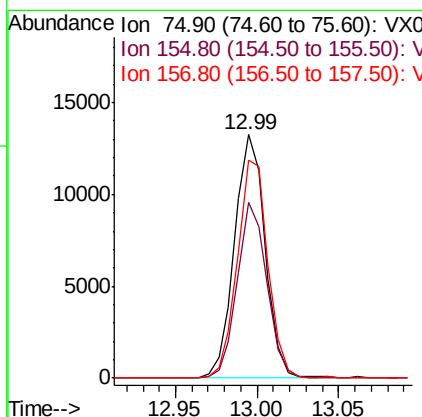
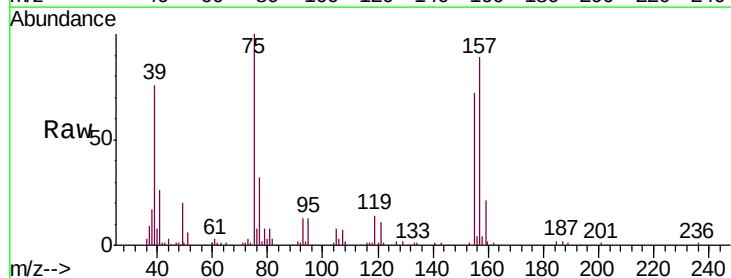
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

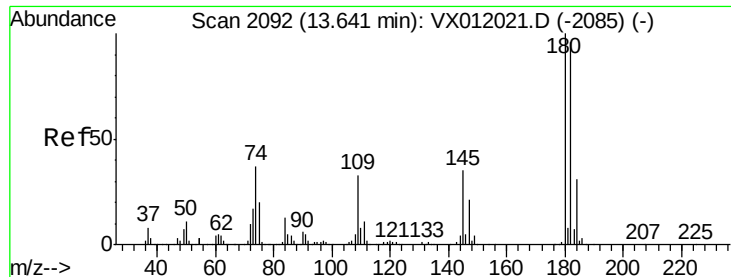
Tgt Ion: 146 Resp: 160044
 Ion Ratio Lower Upper
 146 100
 111 46.1 18.6 56.0
 148 63.0 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.832 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion: 75 Resp: 17324
 Ion Ratio Lower Upper
 75 100
 155 69.8 51.7 155.2
 157 89.2 66.9 200.7

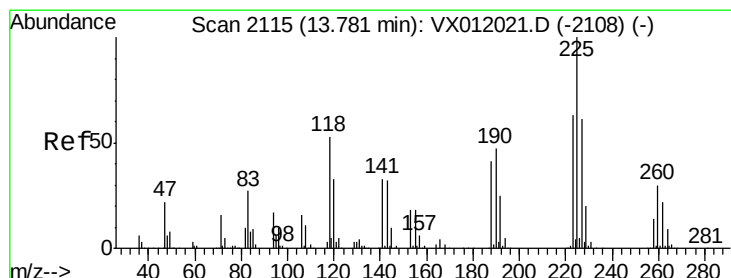
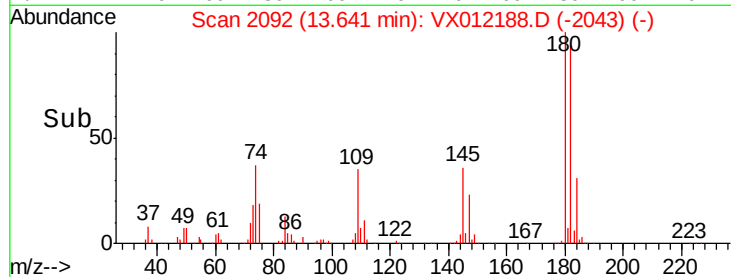
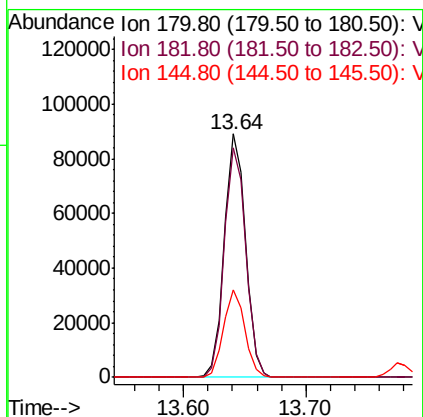
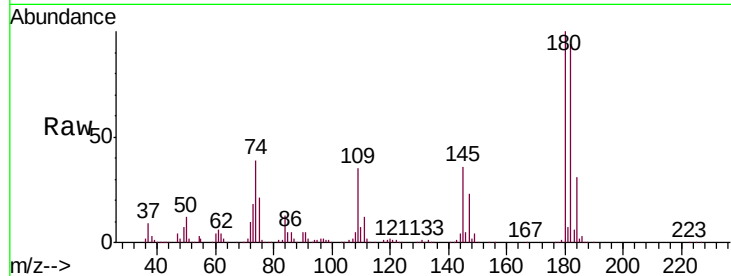




#93
 1,2,4-Trichlorobenzene
 Concen: 50.504 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

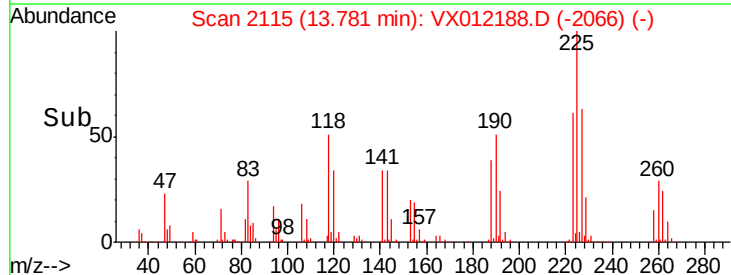
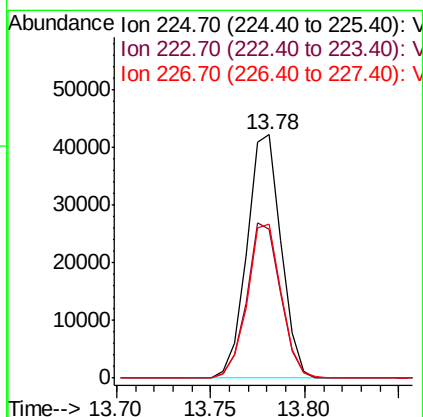
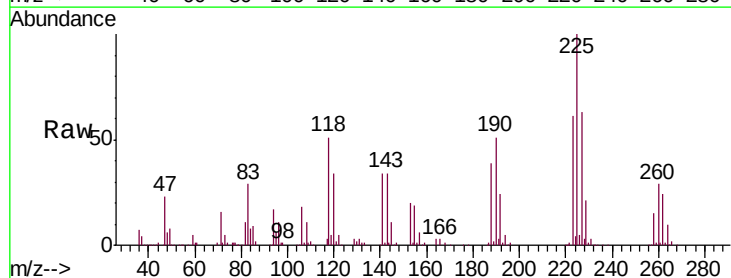
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

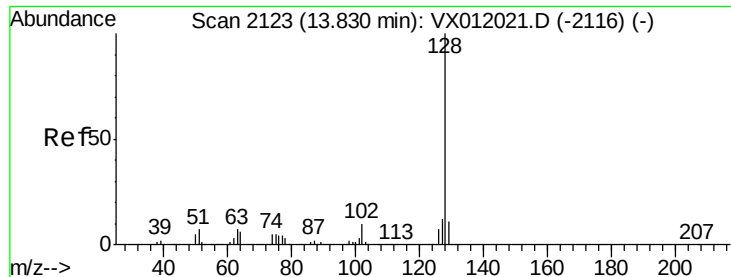
Tgt Ion:180 Resp: 107030
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.3 142.0
 145 35.9 13.7 41.0



#94
 Hexachlorobutadiene
 Concen: 49.466 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion:225 Resp: 52843
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.6 95.0
 227 63.0 32.5 97.5

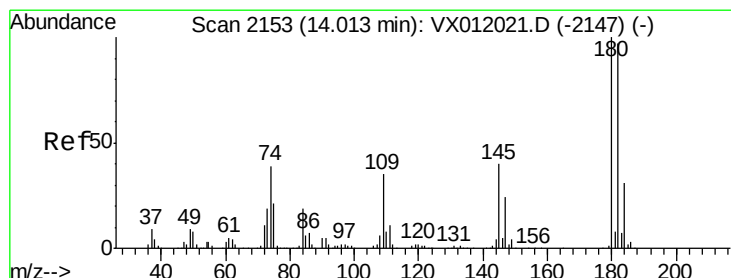
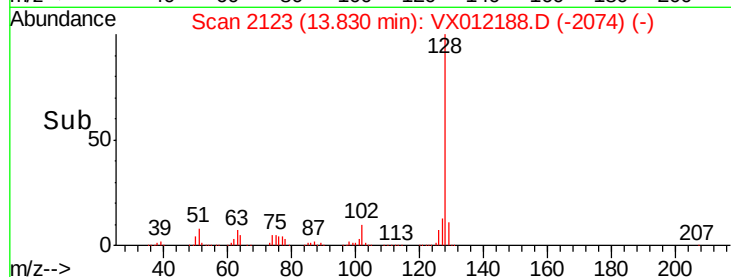
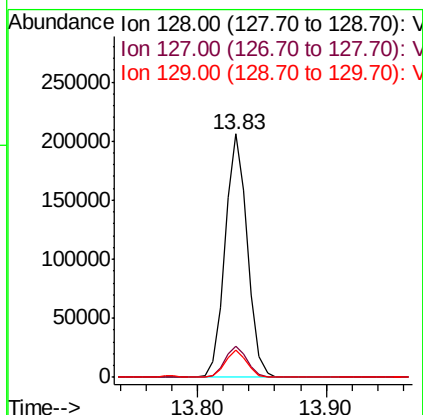
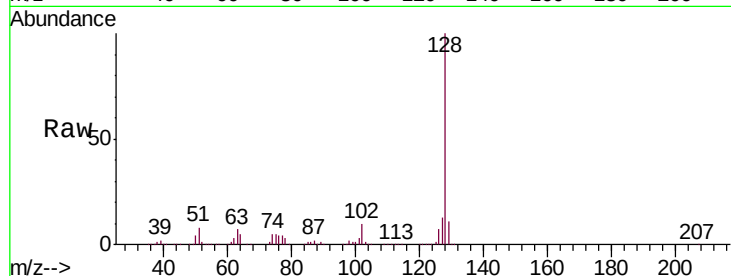




#95
Naphthalene
Concen: 54.553 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 250214
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.241 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion:180 Resp: 97400
Ion Ratio Lower Upper
180 100
182 96.6 47.9 143.6
145 38.2 14.1 42.4

