

Data File : VX016717.D
Acq On : 11 Jun 2020 20:06
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 12 07:00:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	219115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	334532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	319134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	169224	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	133445	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
35) Dibromofluoromethane	5.47	113	110107	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
50) Toluene-d8	8.70	98	405800	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.12	95	160661	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	87307	40.489	ug/l	96
3) Chloromethane	1.31	50	94127	36.122	ug/l	99
4) Vinyl Chloride	1.39	62	114904	41.696	ug/l	99
5) Bromomethane	1.62	94	57680	43.048	ug/l	100
6) Chloroethane	1.70	64	74335	46.242	ug/l	100
7) Trichlorofluoromethane	1.91	101	182659	50.471	ug/l	97
8) Diethyl Ether	2.17	74	71794	47.574	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	99553	49.981	ug/l	98
10) Methyl Iodide	2.49	142	77015	33.441	ug/l	99
11) Tert butyl alcohol	3.02	59	162795	233.304	ug/l	100
12) 1,1-Dichloroethene	2.35	96	102947	48.828	ug/l	96
13) Acrolein	2.28	56	21648	72.931	ug/l	98
14) Allyl chloride	2.70	41	162456	41.898	ug/l	96
15) Acrylonitrile	3.12	53	327655	229.232	ug/l	99
16) Acetone	2.42	43	293887	246.511	ug/l	100
17) Carbon Disulfide	2.55	76	260372	41.586	ug/l	99
18) Methyl Acetate	2.75	43	152112	49.747	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	373951	49.393	ug/l	96
20) Methylene Chloride	2.83	84	116008	47.032	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	109439	46.928	ug/l	92
22) Diisopropyl ether	3.82	45	328945	44.162	ug/l	97
23) Vinyl Acetate	3.79	43	1453735	222.973	ug/l	96
24) 1,1-Dichloroethane	3.67	63	198164	47.136	ug/l	99
25) 2-Butanone	4.63	43	444515	220.045	ug/l	93
26) 2,2-Dichloropropane	4.55	77	166108	48.285	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	128702	47.704	ug/l	96
28) Bromochloromethane	4.98	49	86271	44.159	ug/l	86
29) Tetrahydrofuran	5.09	42	283732	217.404	ug/l	92
30) Chloroform	5.18	83	212367	50.133	ug/l	96
31) Cyclohexane	5.55	56	150590	39.816	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	194131	50.620	ug/l	99
36) 1,1-Dichloropropene	5.77	75	146973	46.402	ug/l	98
37) Ethyl Acetate	4.79	43	164620	43.290	ug/l	96
38) Carbon Tetrachloride	5.75	117	172783	51.909	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	158890	46.185	ug/l	96
40) Benzene	6.11	78	448562	47.556	ug/l	100
41) Methacrylonitrile	5.01	41	91131	43.629	ug/l	96
42) 1,2-Dichloroethane	6.16	62	166707	49.698	ug/l	99
43) Isopropyl Acetate	6.42	43	264088	44.523	ug/l	97
44) Trichloroethene	7.19	130	131790	44.038	ug/l	97
45) 1,2-Dichloropropane	7.49	63	115248	47.995	ug/l	98
46) Dibromomethane	7.64	93	81862	50.756	ug/l	97
47) Bromodichloromethane	7.88	83	171476	51.347	ug/l	100
48) Methyl methacrylate	7.74	41	127797	44.998	ug/l	95
49) 1,4-Dioxane	7.71	88	60462	909.698	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	860312	232.936	ug/l	97
52) Toluene	8.77	92	294163	49.456	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	191925	50.541	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	198764	49.451	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	123483	52.215	ug/l	97
56) Ethyl methacrylate	9.16	69	191811	49.801	ug/l	95
57) 1,3-Dichloropropane	9.35	76	202553	49.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	485261	241.380	ug/l	95
59) 2-Hexanone	9.48	43	666152	231.935	ug/l	97
60) Dibromochloromethane	9.57	129	145863	54.807	ug/l	100
61) 1,2-Dibromoethane	9.65	107	132025	52.133	ug/l	100
64) Tetrachloroethene	9.32	164	123668	34.637	ug/l	98
65) Chlorobenzene	10.12	112	324975	49.948	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	132307	53.272	ug/l	98
67) Ethyl Benzene	10.24	91	562199	48.533	ug/l	100
68) m/p-Xylenes	10.34	106	429308	99.956	ug/l	99
69) o-Xylene	10.68	106	204509	49.167	ug/l	99
70) Styrene	10.69	104	367726	51.433	ug/l	100
71) Bromoform	10.84	173	117732	56.090	ug/l #	100
73) Isopropylbenzene	11.01	105	556174	47.434	ug/l	100
74) N-amyl acetate	10.88	43	226236	41.948	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	177804	60.507	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	229389	61.670	ug/l	83
77) Bromobenzene	11.24	156	150104	48.810	ug/l	94
78) n-propylbenzene	11.35	91	611864	46.709	ug/l	99
79) 2-Chlorotoluene	11.40	91	378345	47.317	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	480477	49.077	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	66948	44.274	ug/l	97
82) 4-Chlorotoluene	11.49	91	453336	48.011	ug/l	99
83) tert-Butylbenzene	11.76	119	455006	54.391	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	484397	48.923	ug/l	100
85) sec-Butylbenzene	11.93	105	515471	49.120	ug/l	100
86) p-Isopropyltoluene	12.05	119	493508	50.203	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	261853	49.147	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	269778	49.509	ug/l	99
89) n-Butylbenzene	12.37	91	401193	48.998	ug/l	99
90) Hexachloroethane	12.58	117	86396	50.882	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	252944	49.002	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	46444	48.795	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061120\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	182386	53.201	ug/l	98
94) Hexachlorobutadiene	13.77	225	74229	55.148	ug/l	99
95) Naphthalene	13.82	128	611996	52.074	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	180219	53.659	ug/l	99

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

Quant Time: Jun 12 07:00:41 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

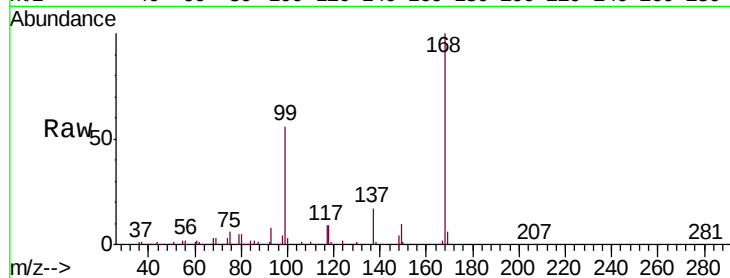
VSTDCCC050EC

Tgt Ion:168 Resp: 219115

Ion Ratio Lower Upper

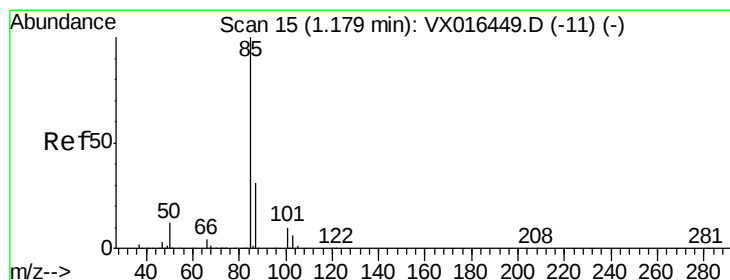
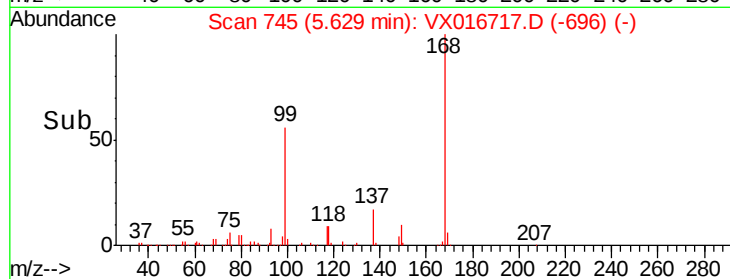
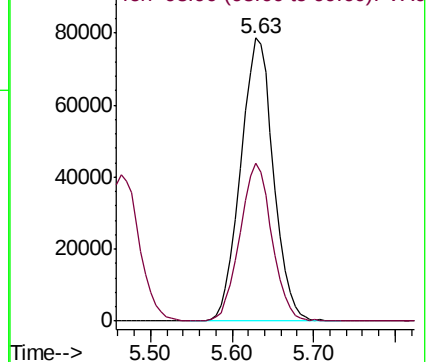
168 100

99 55.7 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 40.489 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX016717.D

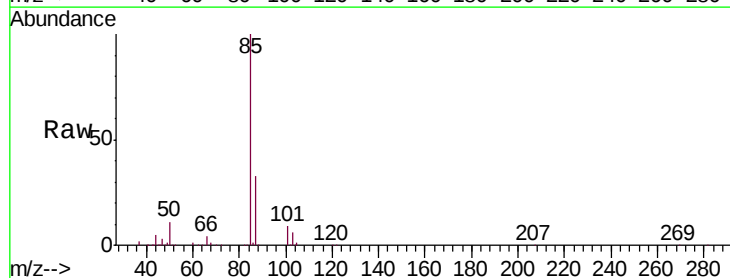
Acq: 11 Jun 2020 20:06

Tgt Ion: 85 Resp: 87307

Ion Ratio Lower Upper

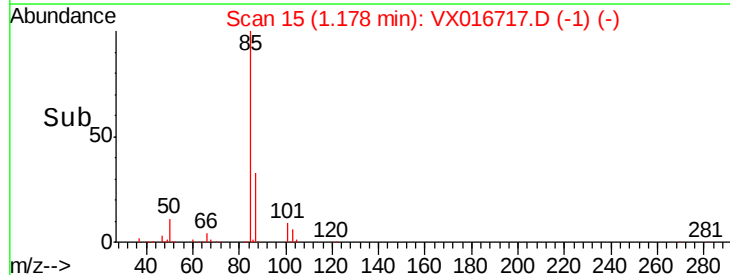
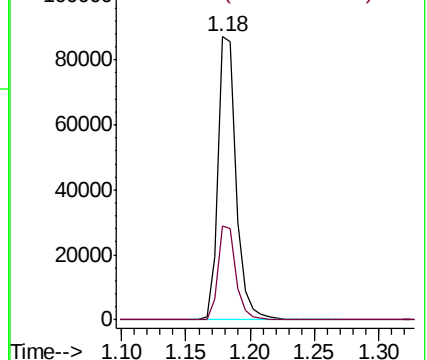
85 100

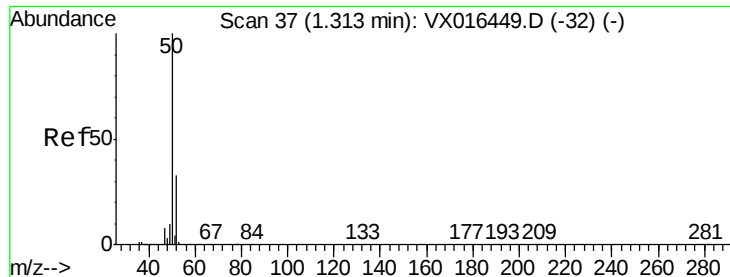
87 33.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 36.122 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

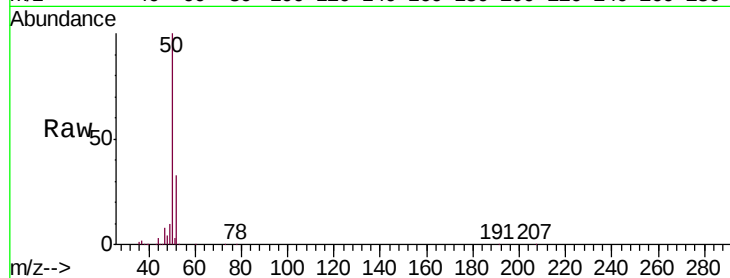
VSTDCCC050EC

Tgt Ion: 50 Resp: 94127

Ion Ratio Lower Upper

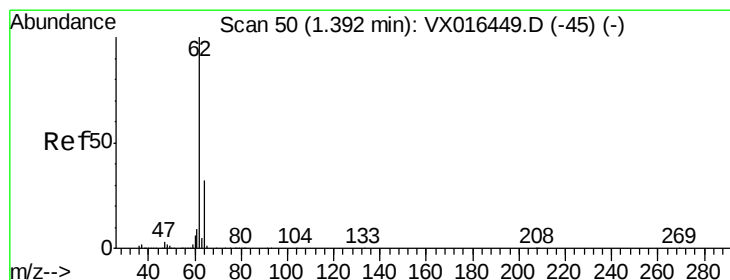
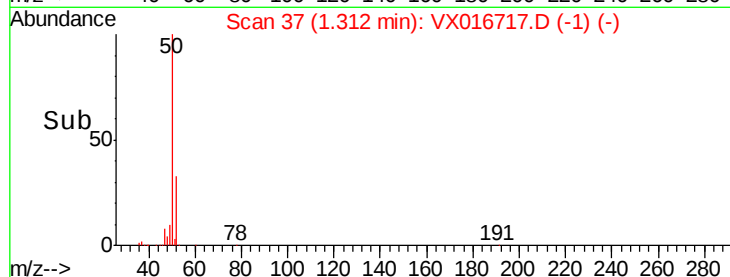
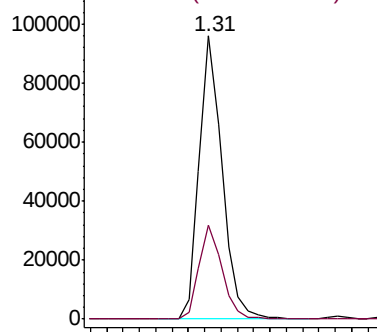
50 100

52 33.2 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 41.696 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016717.D

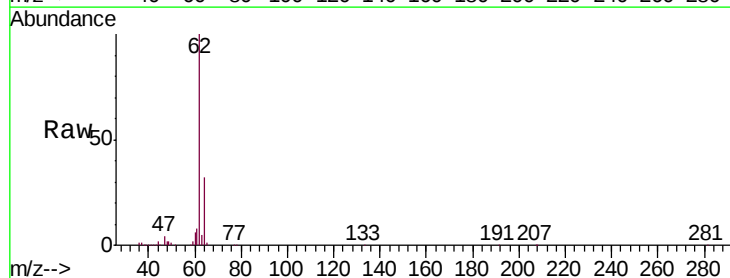
Acq: 11 Jun 2020 20:06

Tgt Ion: 62 Resp: 114904

Ion Ratio Lower Upper

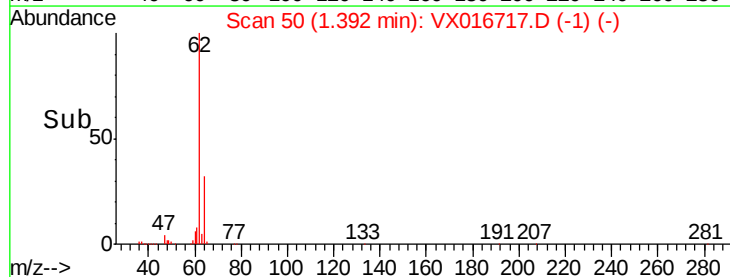
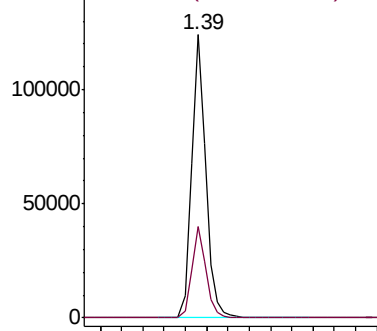
62 100

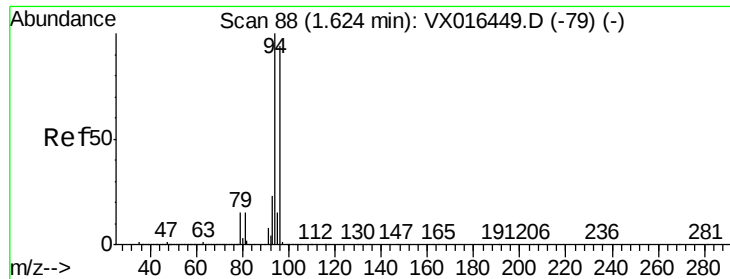
64 32.1 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.048 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

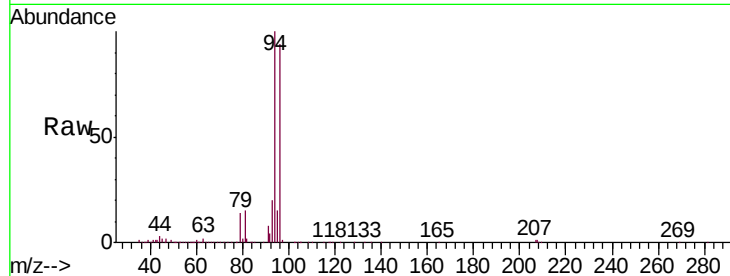
VSTDCCC050EC

Tgt Ion: 94 Resp: 57680

Ion Ratio Lower Upper

94 100

96 93.6 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

60000

50000

40000

30000

20000

10000

0

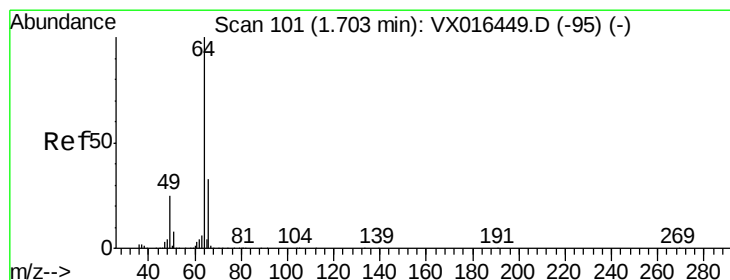
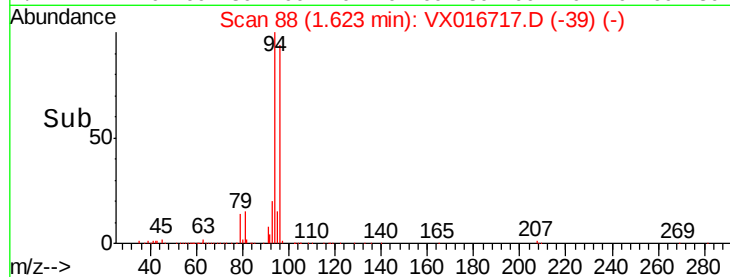
1.55

1.60

1.65

1.70

Time-->



#6

Chloroethane

Concen: 46.242 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016717.D

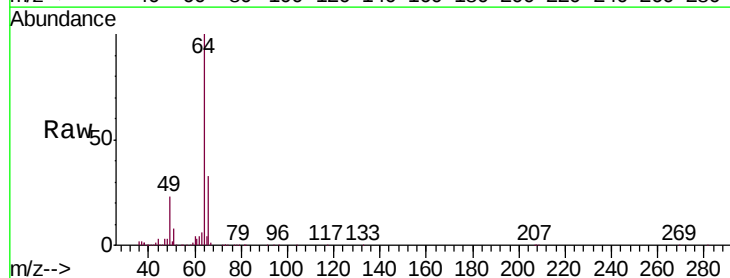
Acq: 11 Jun 2020 20:06

Tgt Ion: 64 Resp: 74335

Ion Ratio Lower Upper

64 100

66 33.5 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

60000

40000

20000

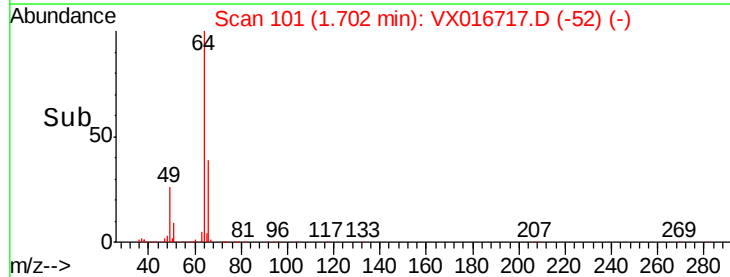
0

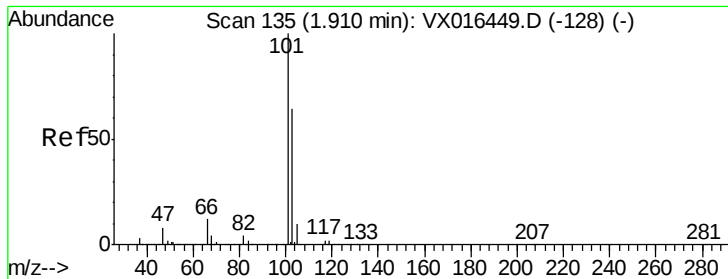
1.60

1.70

1.80

Time-->



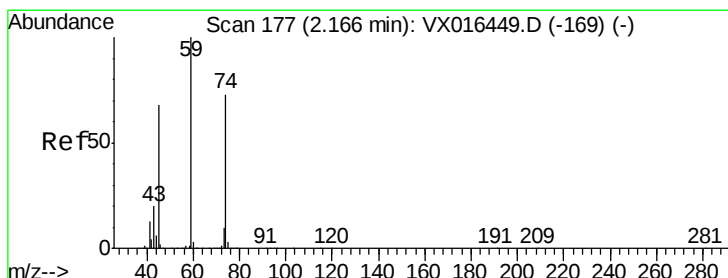
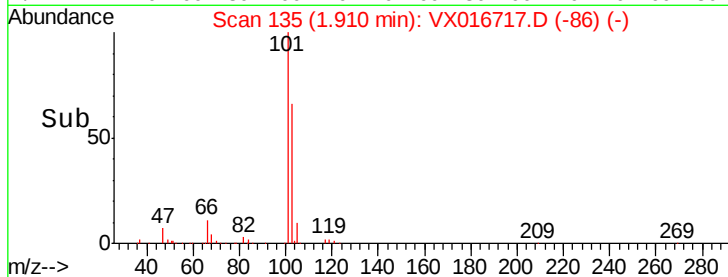
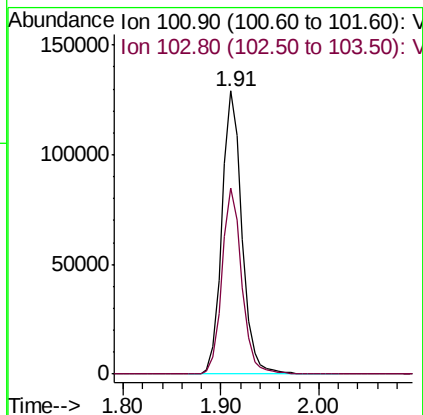
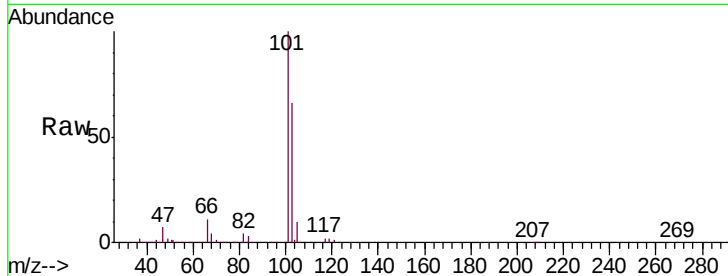


#7

Trichlorofluoromethane
 Concen: 50.471 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
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 VSTDCCC050EC

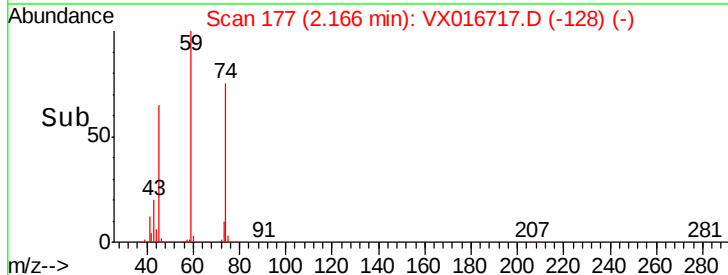
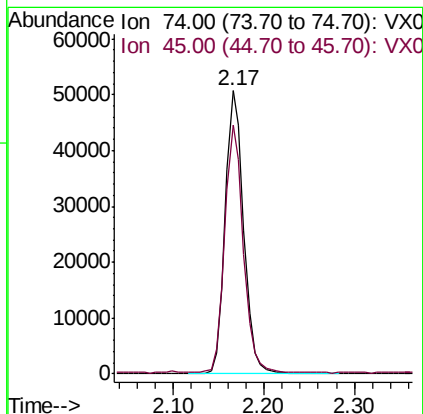
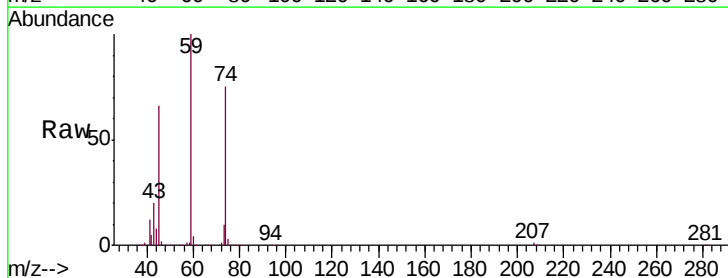
Tgt Ion:101 Resp: 182659
 Ion Ratio Lower Upper
 101 100
 103 65.9 50.9 76.3

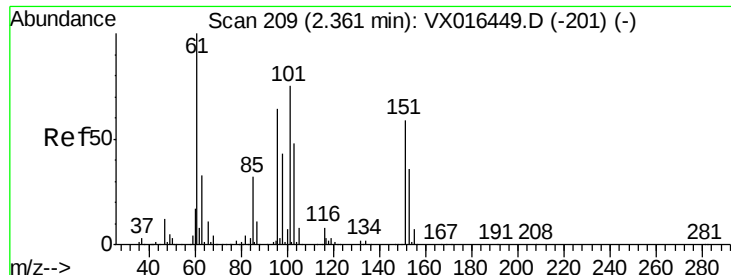


#8

Diethyl Ether
 Concen: 47.574 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Tgt Ion: 74 Resp: 71794
 Ion Ratio Lower Upper
 74 100
 45 88.2 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.981 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

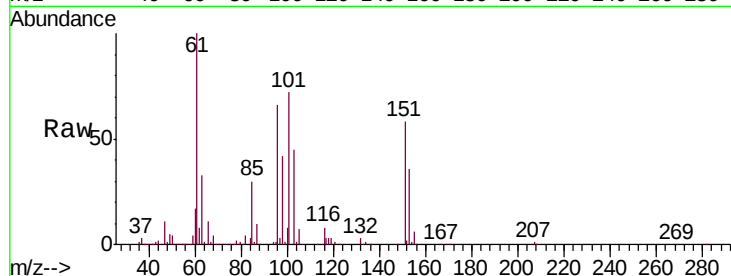
Tgt Ion:101 Resp: 99553

Ion Ratio Lower Upper

101 100

85 42.4 34.4 51.6

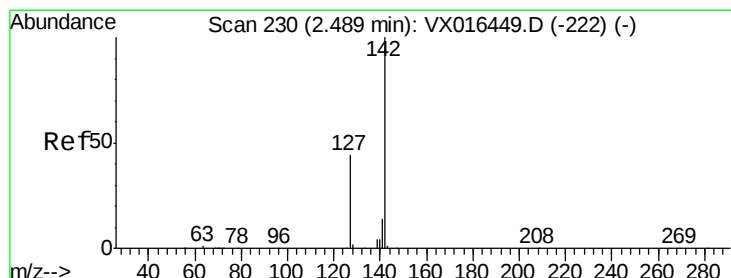
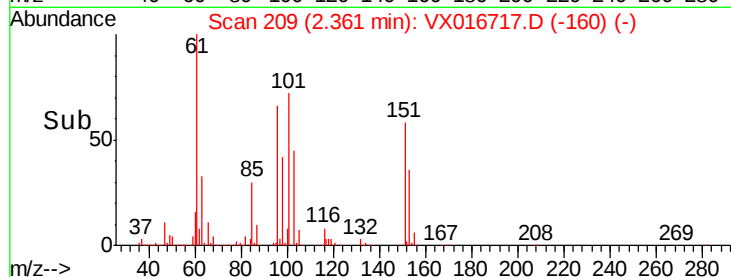
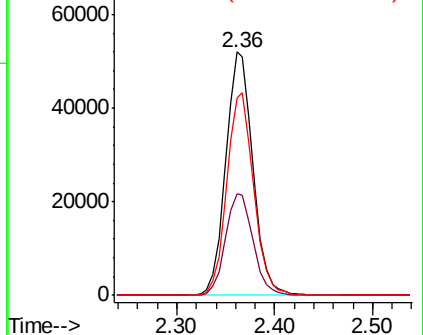
151 82.4 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 33.441 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

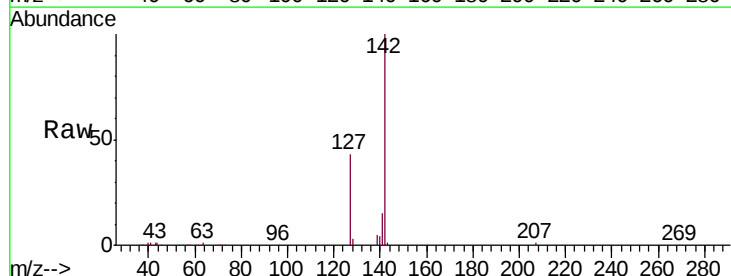
Tgt Ion:142 Resp: 77015

Ion Ratio Lower Upper

142 100

127 43.8 35.3 52.9

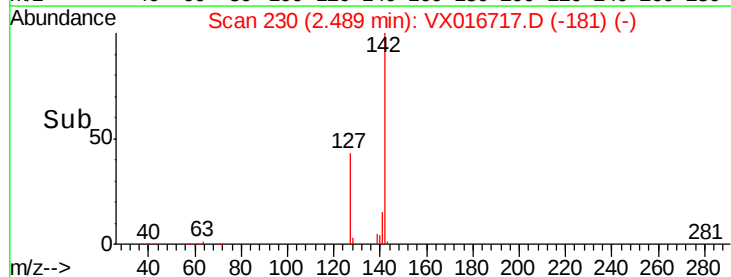
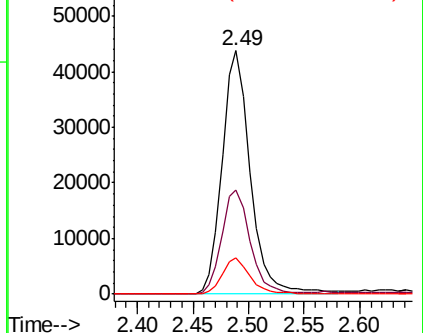
141 14.9 11.4 17.2

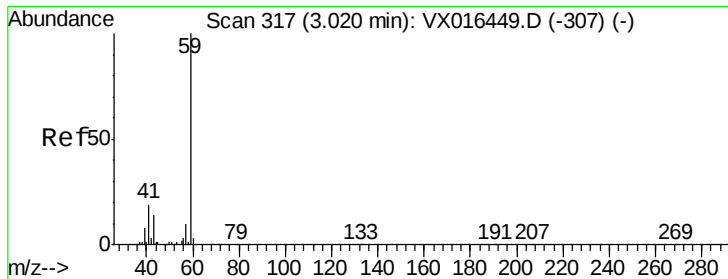


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

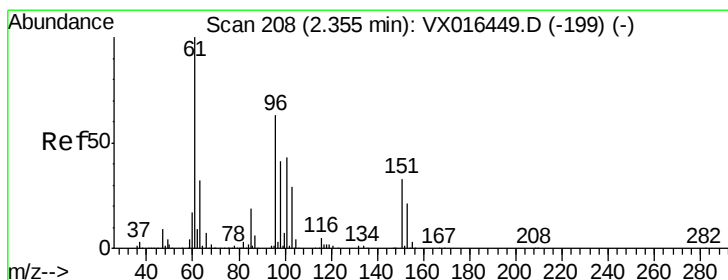
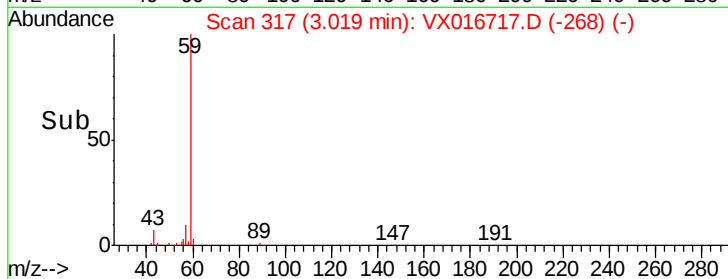
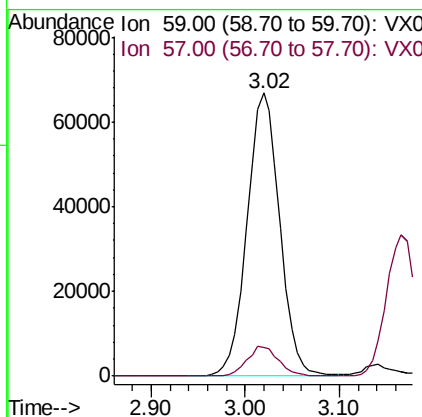
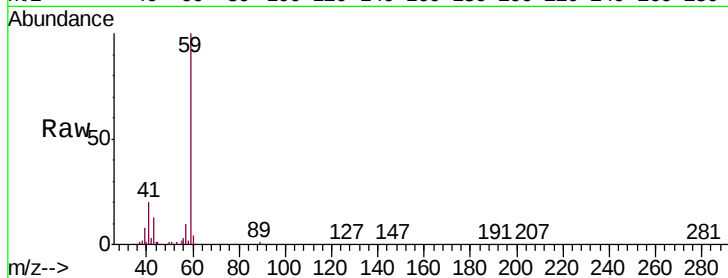




#11
Tert butyl alcohol
Concen: 233.304 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

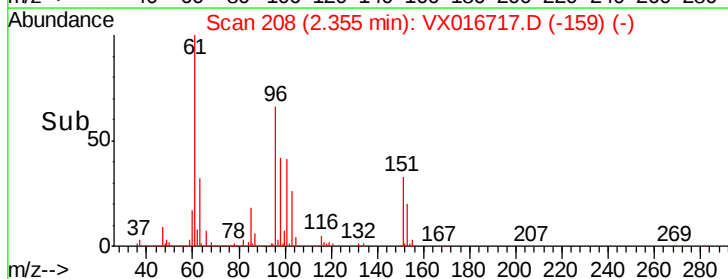
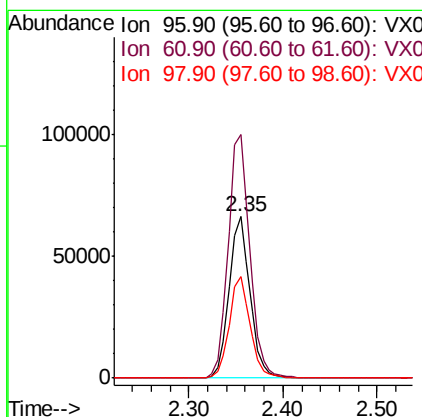
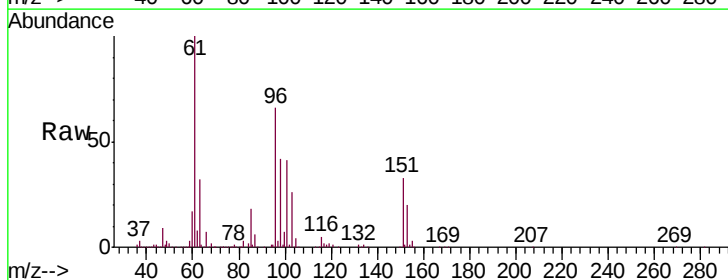
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

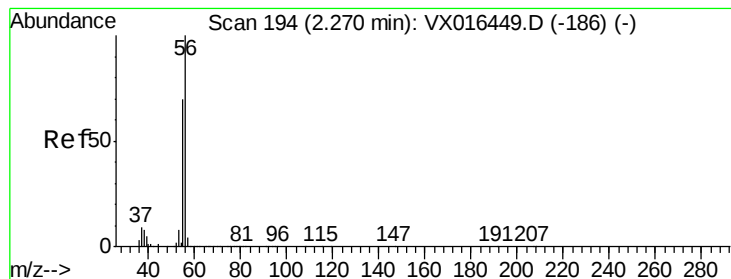
Tgt Ion: 59 Resp: 162795
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.828 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion: 96 Resp: 102947
Ion Ratio Lower Upper
96 100
61 151.0 126.6 189.8
98 62.9 51.3 76.9





#13

Acrolein

Concen: 72.931 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

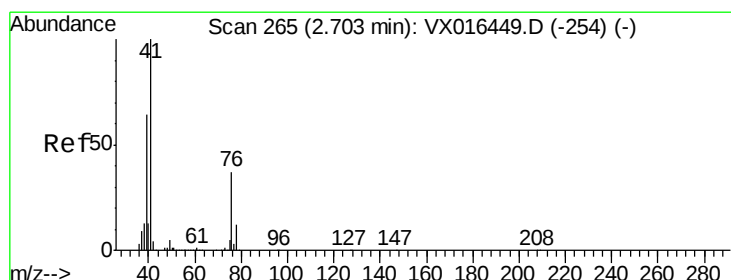
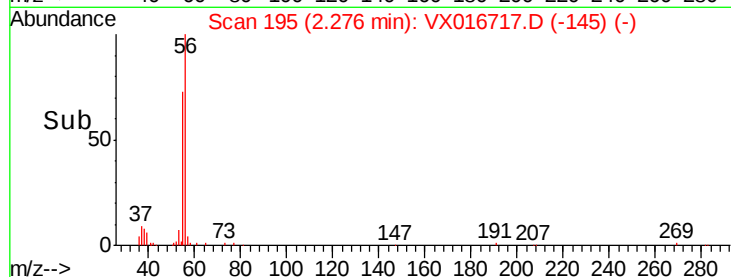
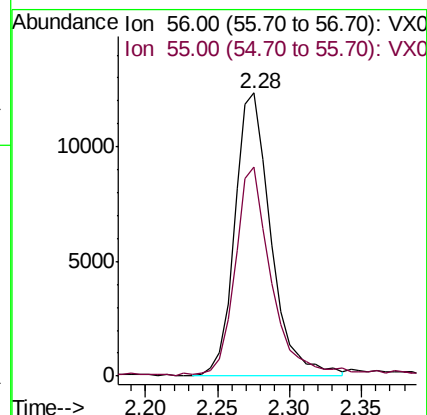
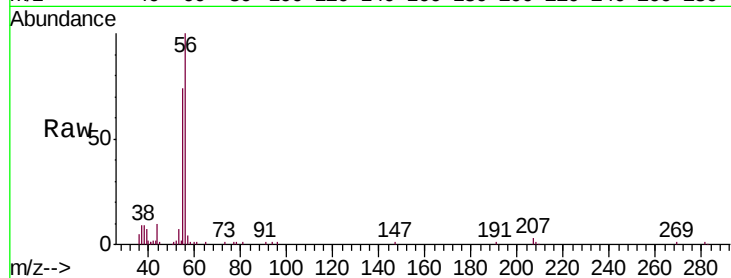
VSTDCCC050EC

Tgt Ion: 56 Resp: 21648

Ion Ratio Lower Upper

56 100

55 74.8 58.3 87.5



#14

Allyl chloride

Concen: 41.898 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

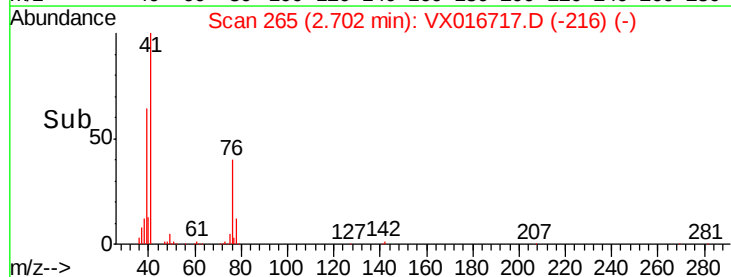
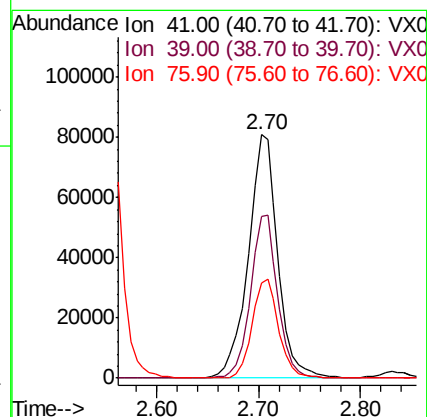
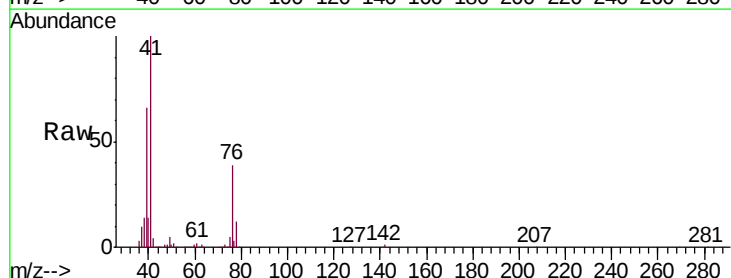
Tgt Ion: 41 Resp: 162456

Ion Ratio Lower Upper

41 100

39 61.9 47.7 71.5

76 36.8 26.6 40.0





#15

Acrylonitrile

Concen: 229.232 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

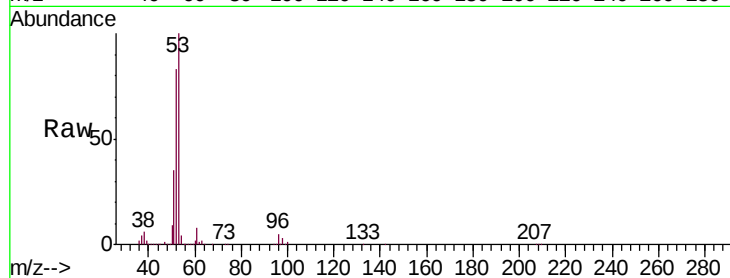
Tgt Ion: 53 Resp: 327655

Ion Ratio Lower Upper

53 100

52 82.6 66.7 100.1

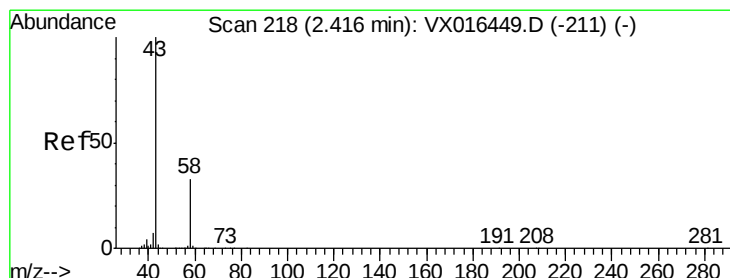
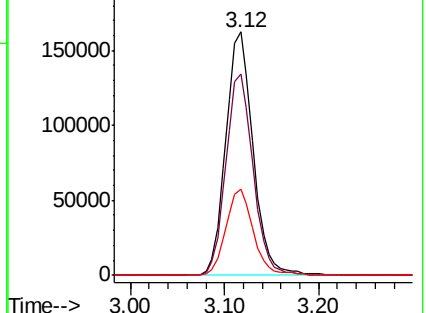
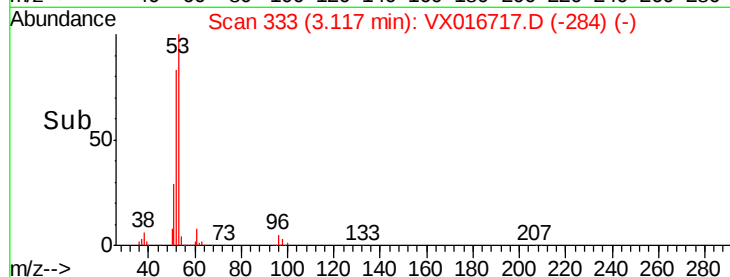
51 35.8 28.6 43.0



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: 246.511 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016717.D

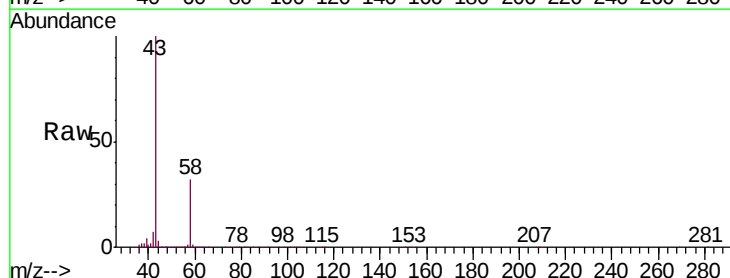
Acq: 11 Jun 2020 20:06

Tgt Ion: 43 Resp: 293887

Ion Ratio Lower Upper

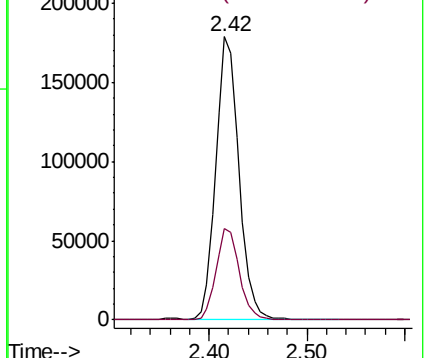
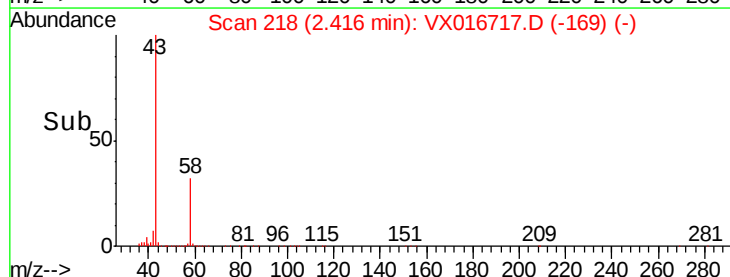
43 100

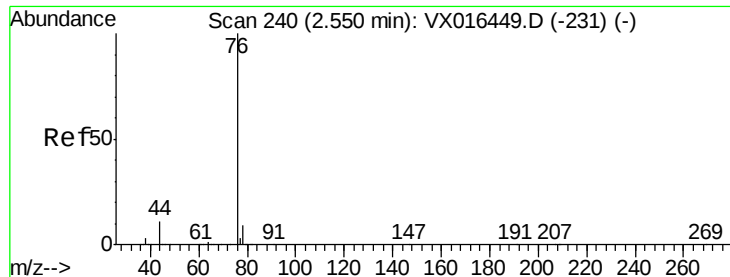
58 32.4 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 41.586 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

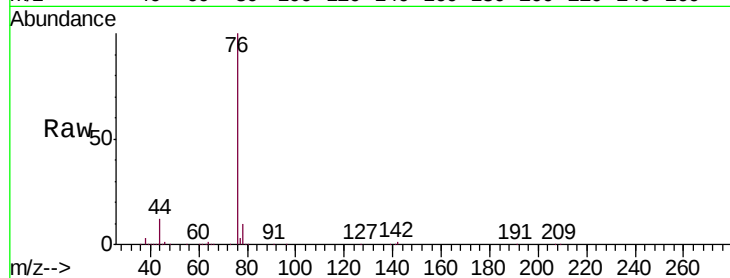
VSTDCCC050EC

Tgt Ion: 76 Resp: 260372

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

150000

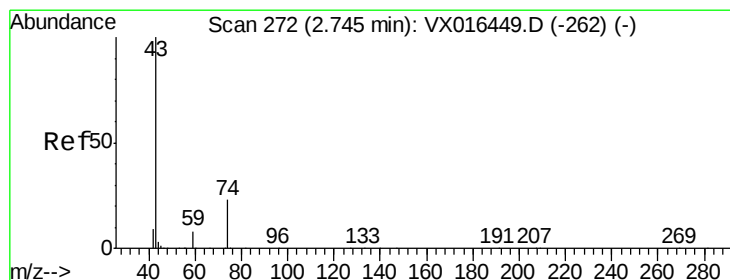
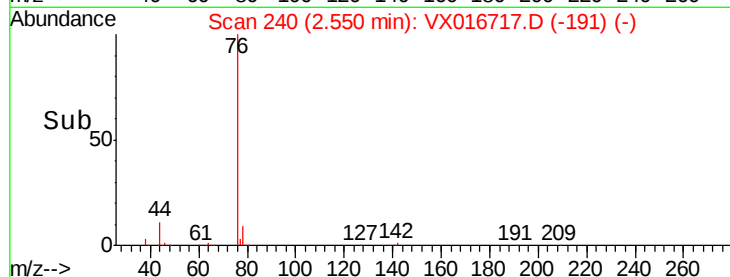
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 49.747 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016717.D

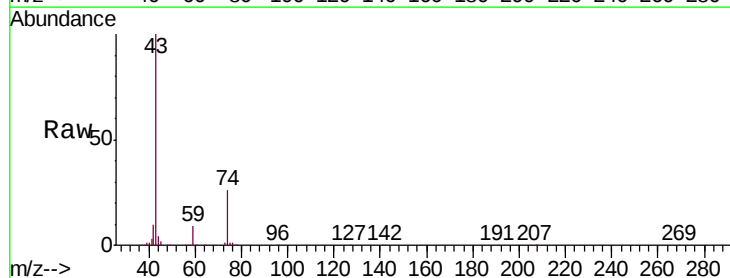
Acq: 11 Jun 2020 20:06

Tgt Ion: 43 Resp: 152112

Ion Ratio Lower Upper

43 100

74 27.0 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

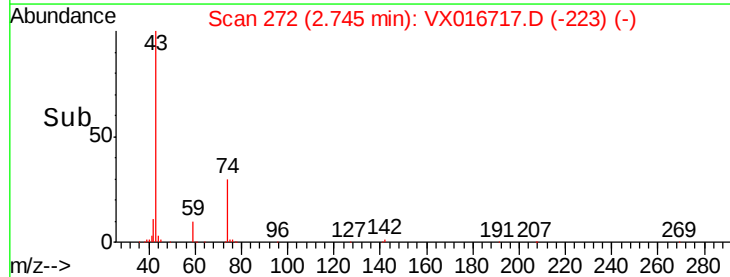
40000

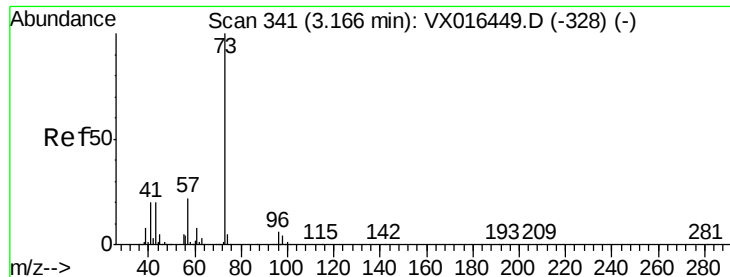
20000

0

2.60 2.70 2.80

Time-->



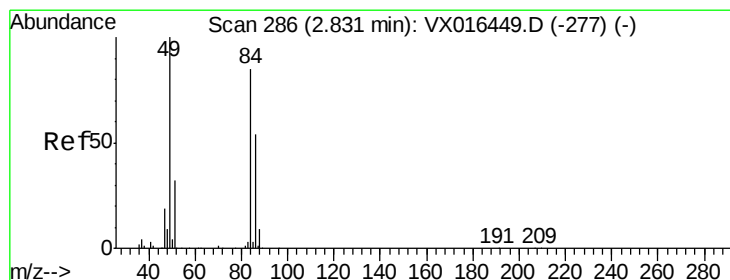
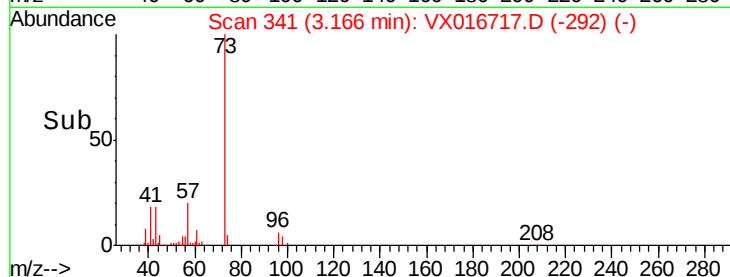
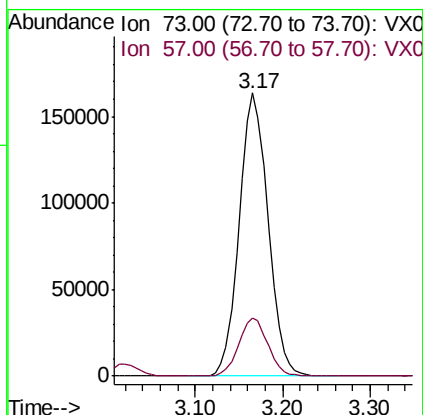
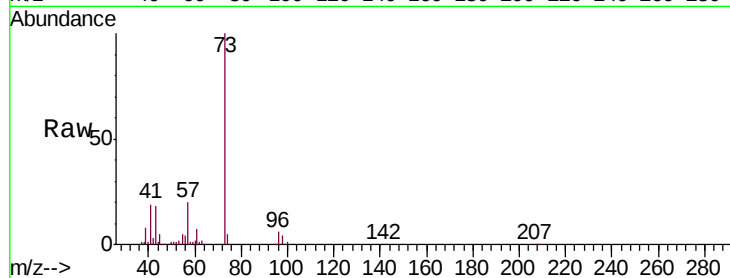


#19

Methyl tert-butyl Ether
 Concen: 49.393 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

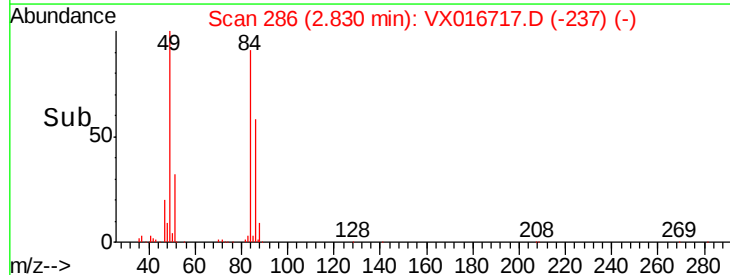
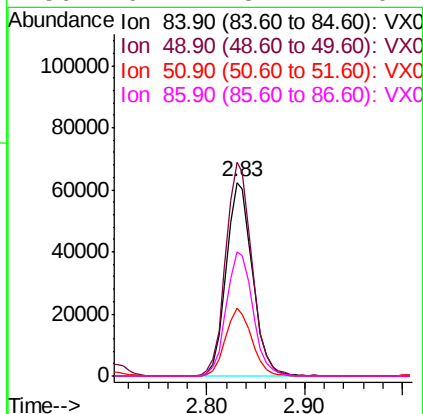
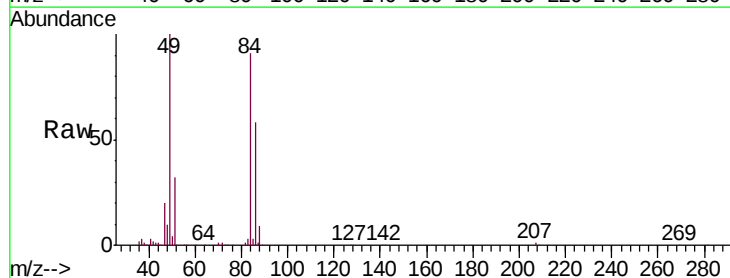
Tgt Ion: 73 Resp: 373951
 Ion Ratio Lower Upper
 73 100
 57 20.4 17.8 26.6

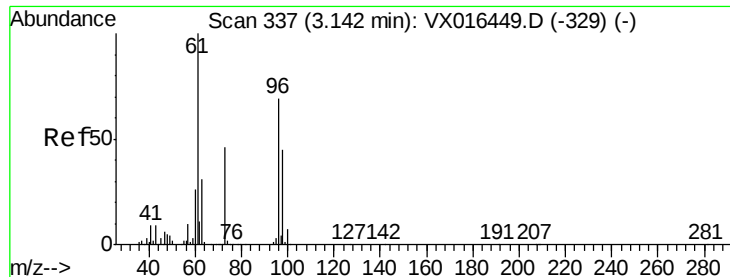


#20

Methylene Chloride
 Concen: 47.032 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Tgt Ion: 84 Resp: 116008
 Ion Ratio Lower Upper
 84 100
 49 110.2 94.5 141.7
 51 34.8 30.2 45.4
 86 64.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 46.928 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

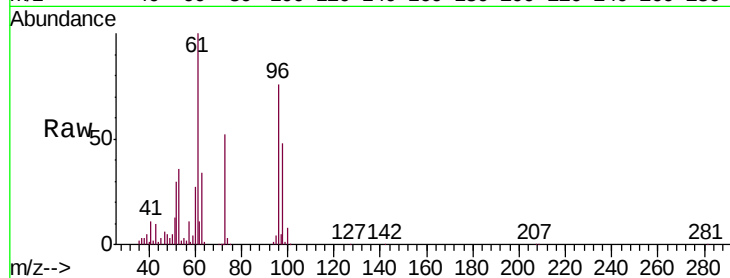
Tgt Ion: 96 Resp: 109439

Ion Ratio Lower Upper

96 100

61 131.0 115.3 172.9

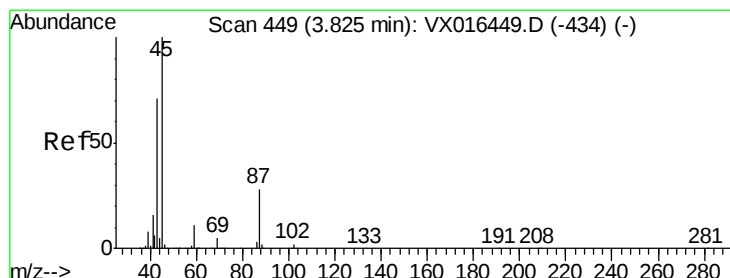
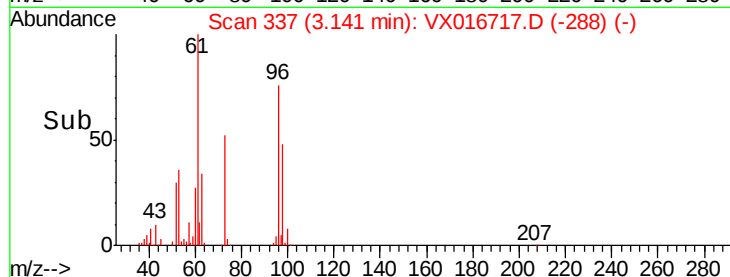
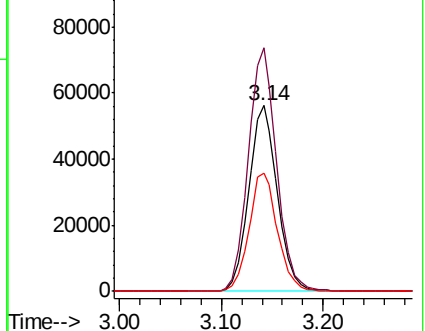
98 63.4 51.9 77.9



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: 44.162 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Tgt Ion: 45 Resp: 328945

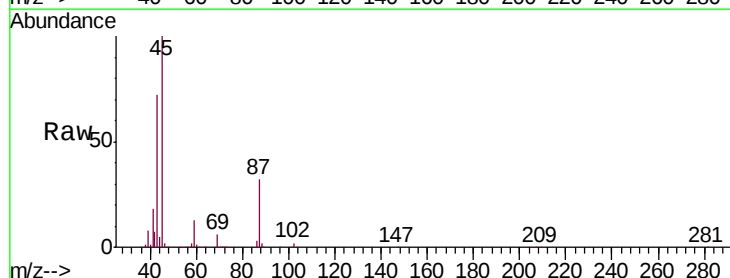
Ion Ratio Lower Upper

45 100

43 72.1 57.0 85.6

87 32.2 22.5 33.7

59 12.9 9.1 13.7

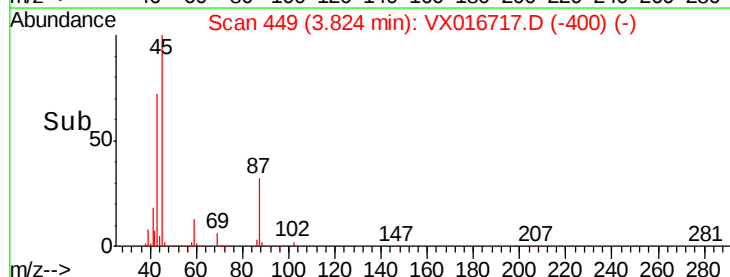
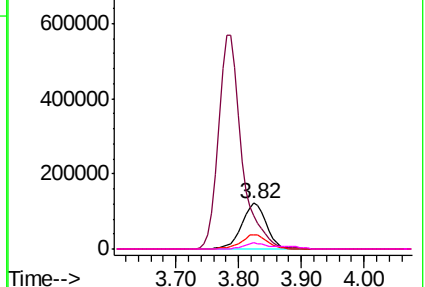


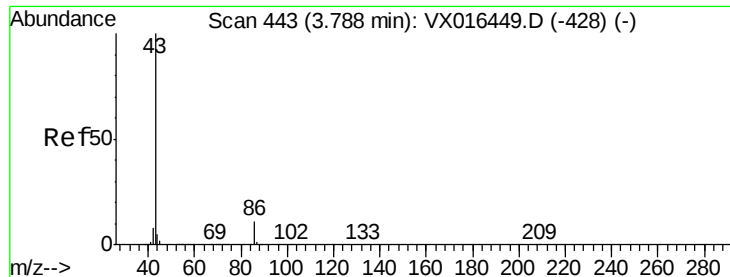
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 222.973 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

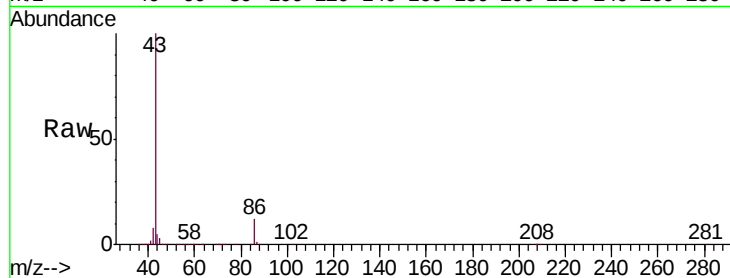
VSTDCCC050EC

Tgt Ion: 43 Resp: 1453735

Ion Ratio Lower Upper

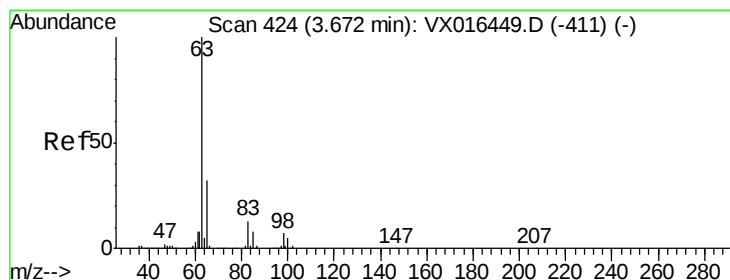
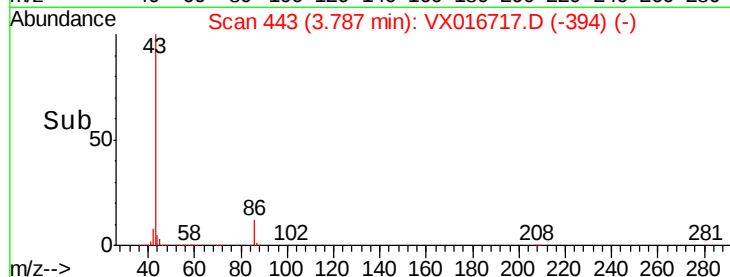
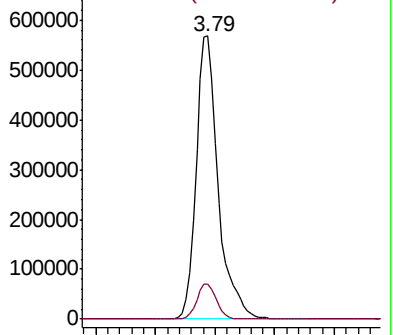
43 100

86 12.4 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.136 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

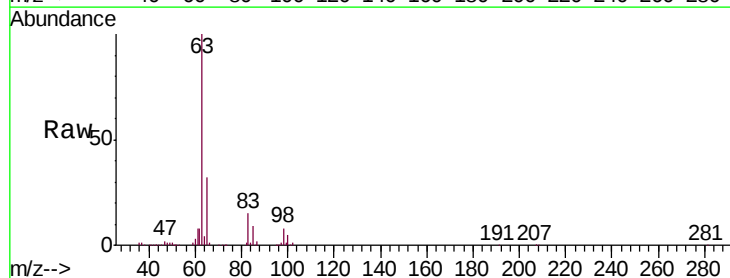
Tgt Ion: 63 Resp: 198164

Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.9

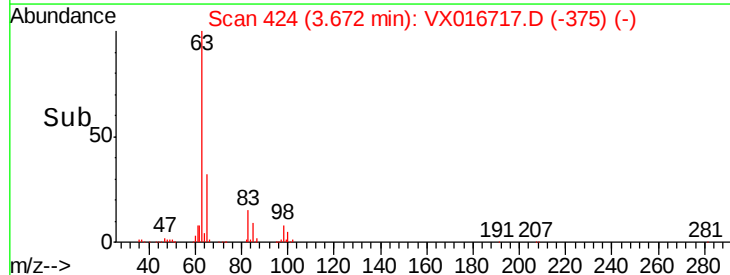
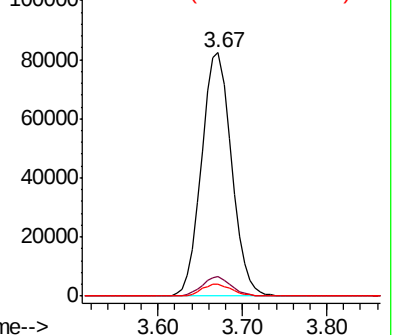
100 4.7 2.4 7.1

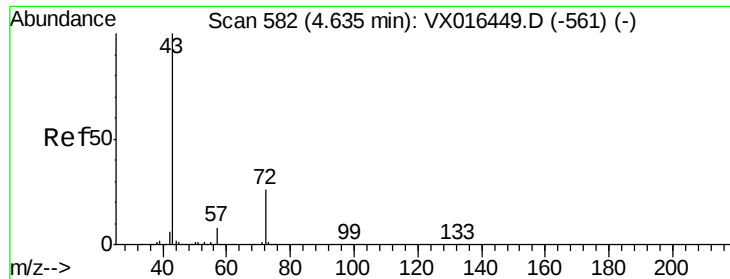


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 220.045 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

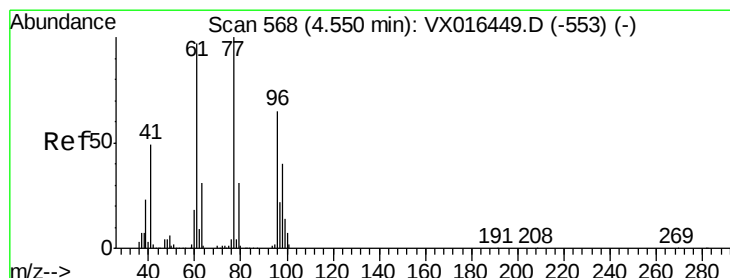
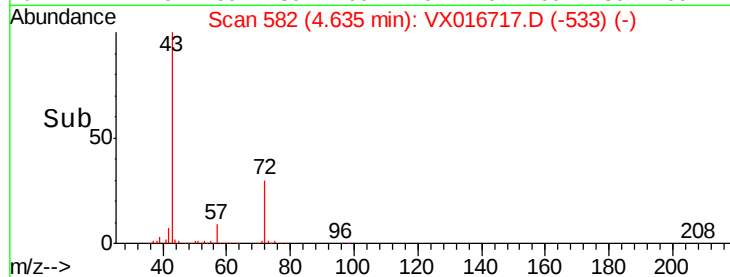
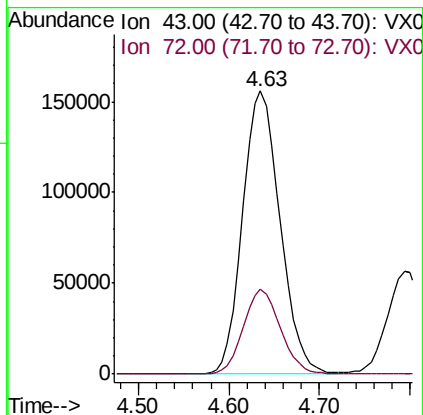
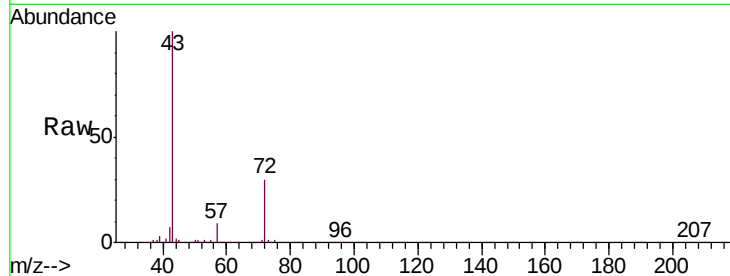
VSTDCCC050EC

Tgt Ion: 43 Resp: 444515

Ion Ratio Lower Upper

43 100

72 29.8 21.0 31.6



#26

2,2-Dichloropropane

Concen: 48.285 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016717.D

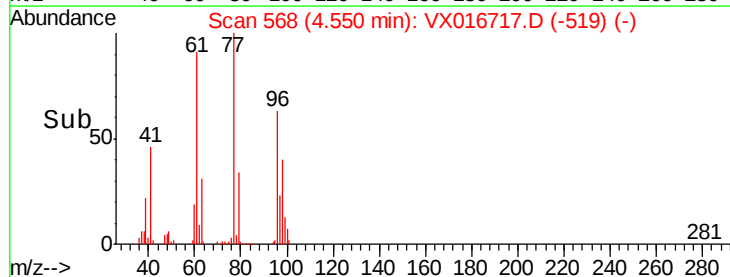
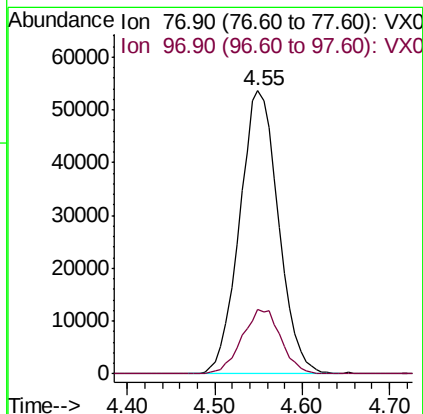
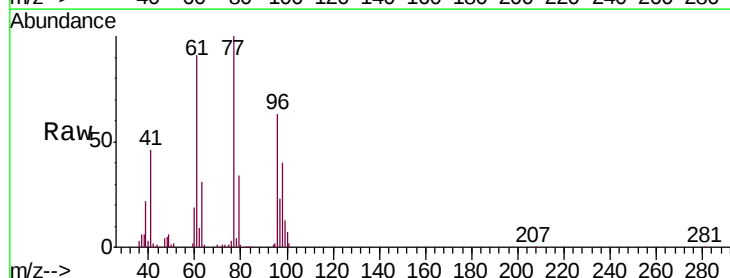
Acq: 11 Jun 2020 20:06

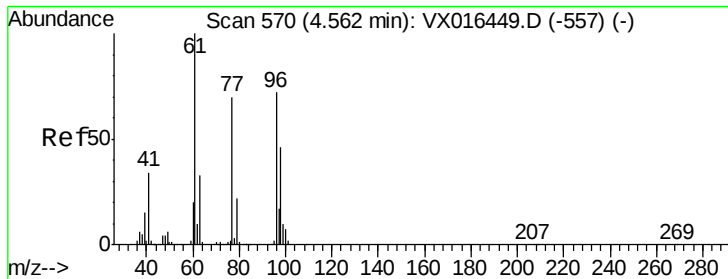
Tgt Ion: 77 Resp: 166108

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4



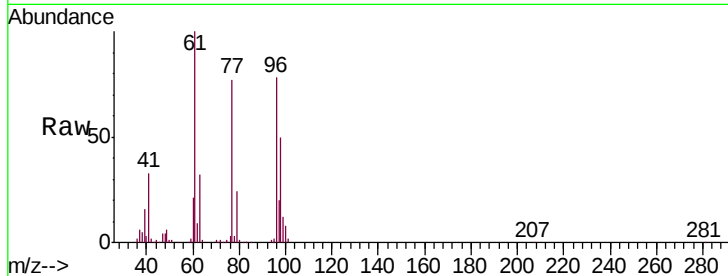


#27

cis-1,2-Dichloroethene
Concen: 47.704 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.2	0.0	284.6
98	63.4	0.0	127.2

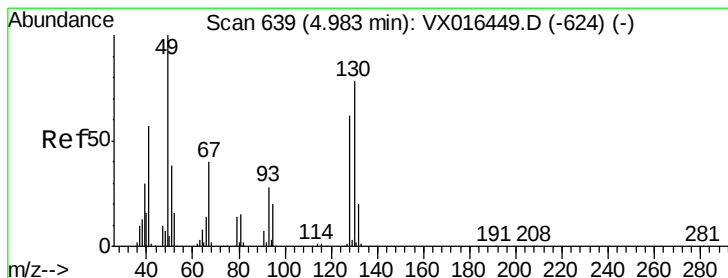
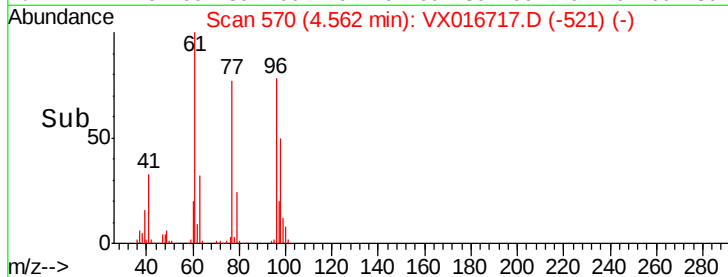
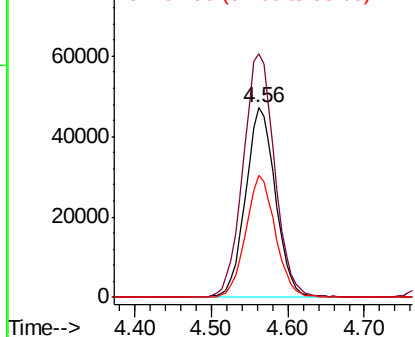


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

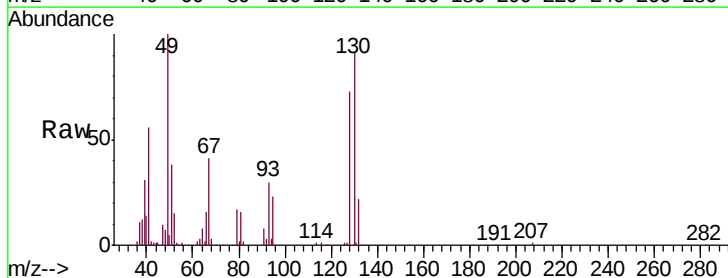
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 44.159 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	4.0
130	91.2	63.0	94.4

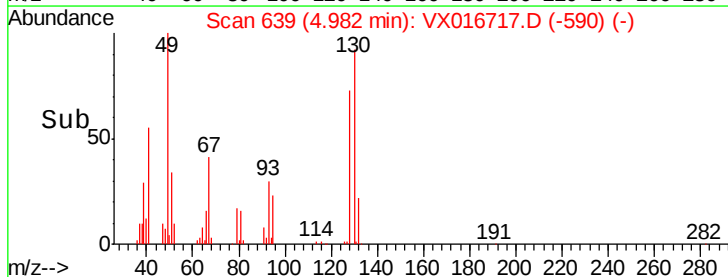
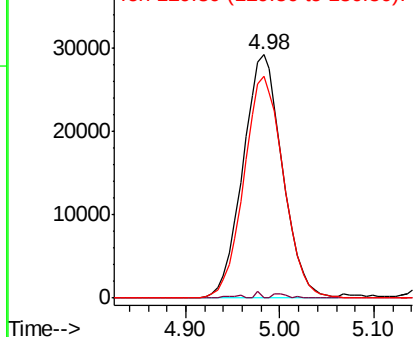


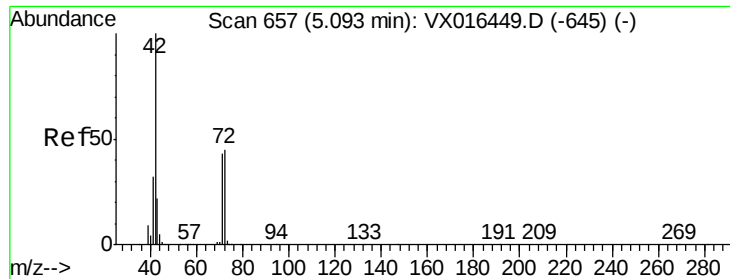
Abundance

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: 217.404 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

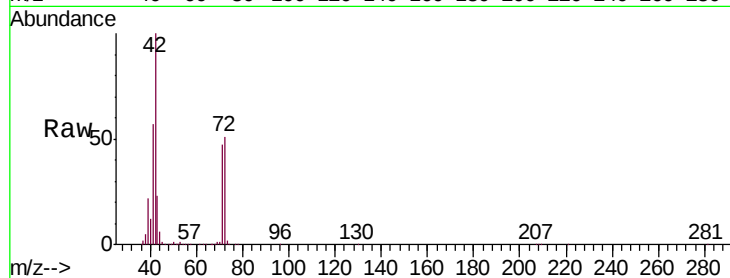
Tgt Ion: 42 Resp: 283732

Ion Ratio Lower Upper

42 100

72 51.2 37.0 55.4

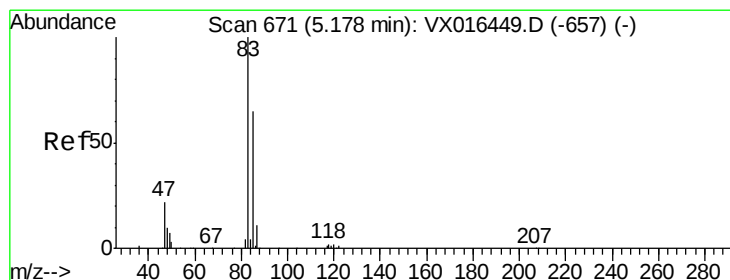
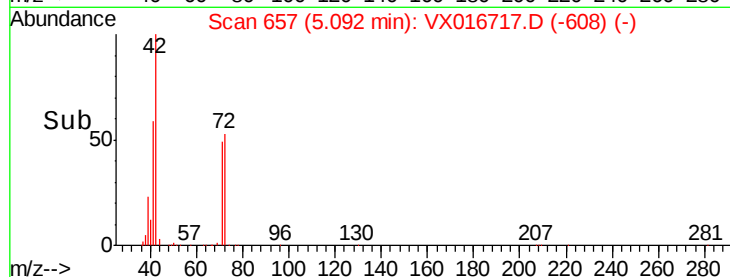
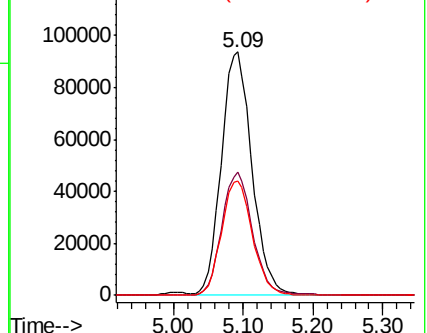
71 47.6 34.1 51.1



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: 50.133 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016717.D

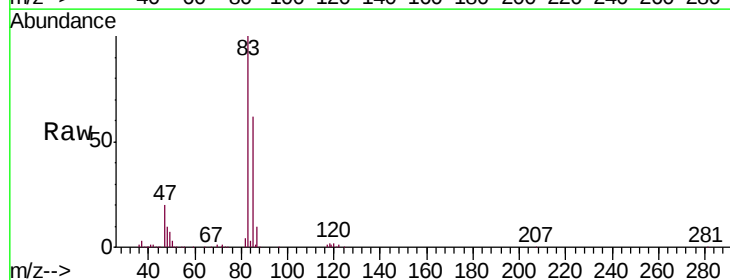
Acq: 11 Jun 2020 20:06

Tgt Ion: 83 Resp: 212367

Ion Ratio Lower Upper

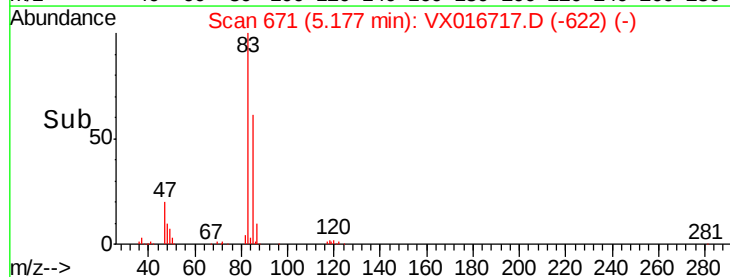
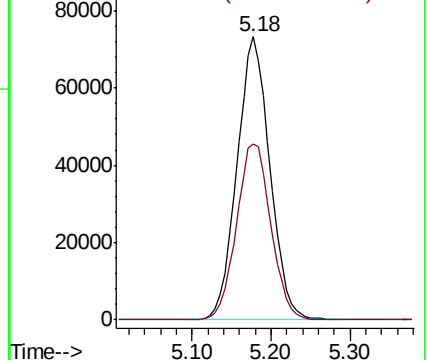
83 100

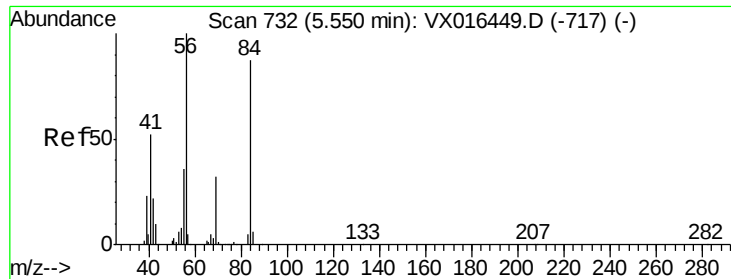
85 62.0 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

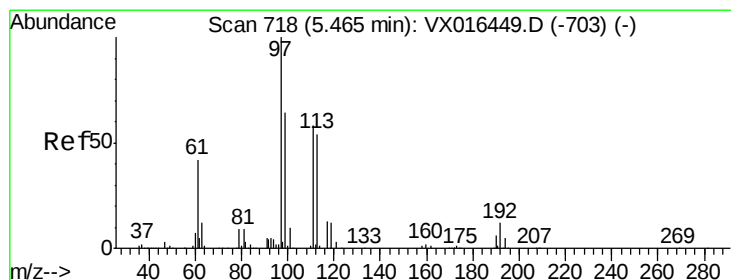
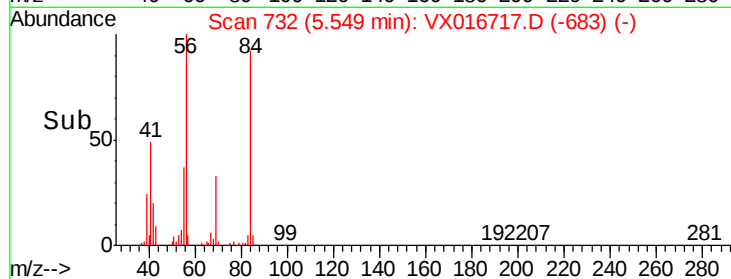
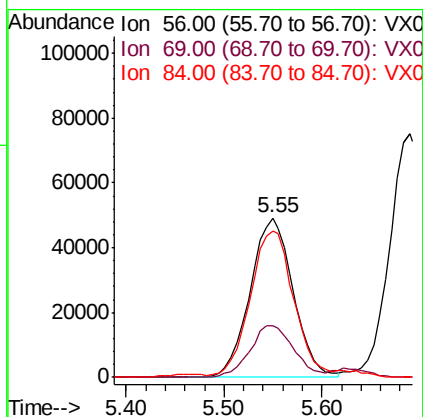
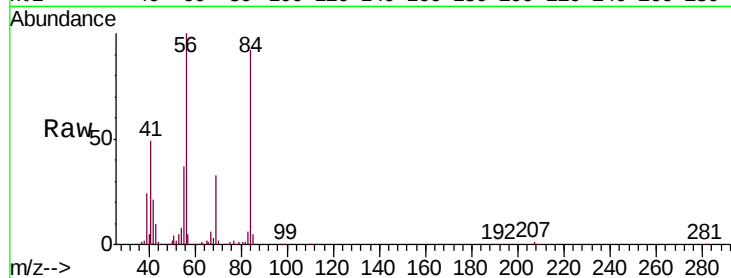




#31
Cyclohexane
Concen: 39.816 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

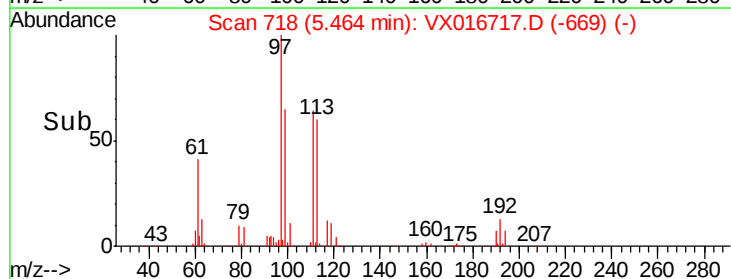
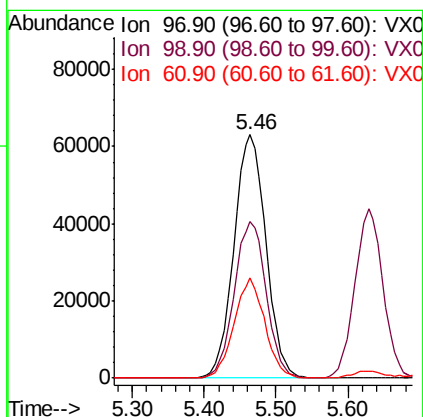
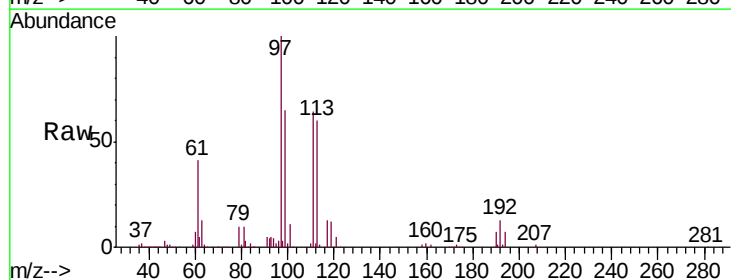
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 150590
Ion Ratio Lower Upper
56 100
69 32.4 25.7 38.5
84 89.9 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.620 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion: 97 Resp: 194131
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.2
61 39.6 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 49.040 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

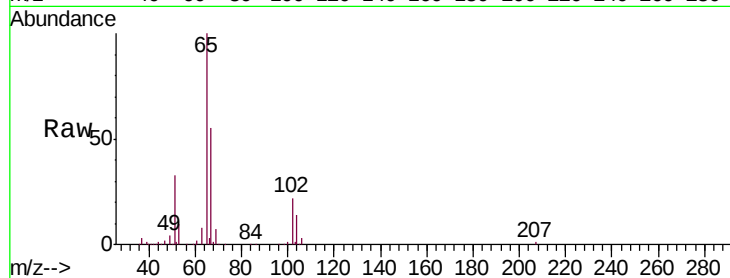
VSTDCCC050EC

Tgt Ion: 65 Resp: 133445

Ion Ratio Lower Upper

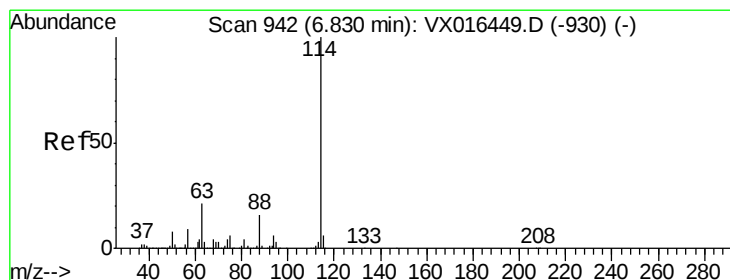
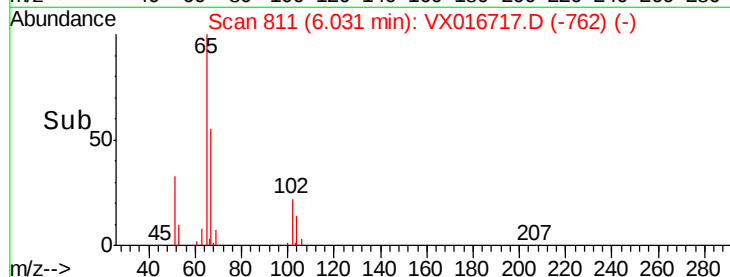
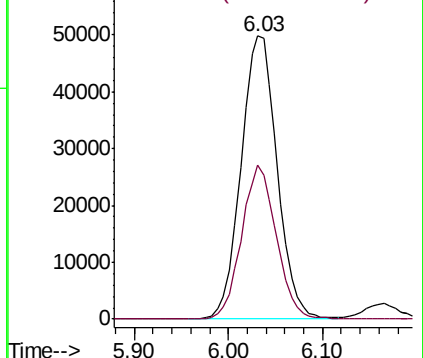
65 100

67 52.3 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

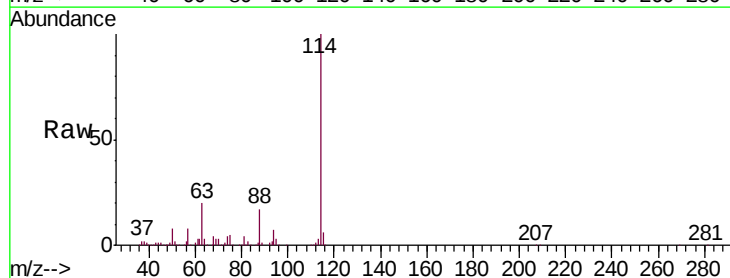
Tgt Ion: 114 Resp: 334532

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

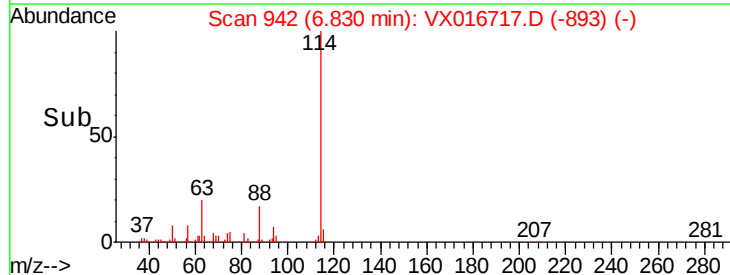
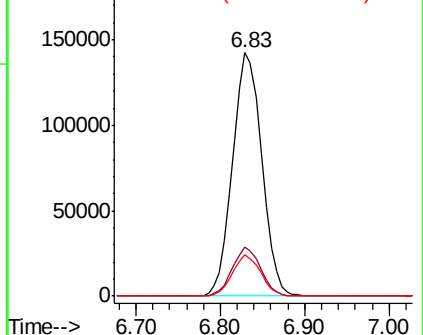
88 17.2 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

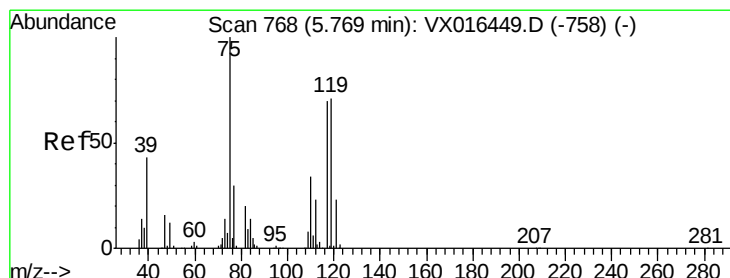
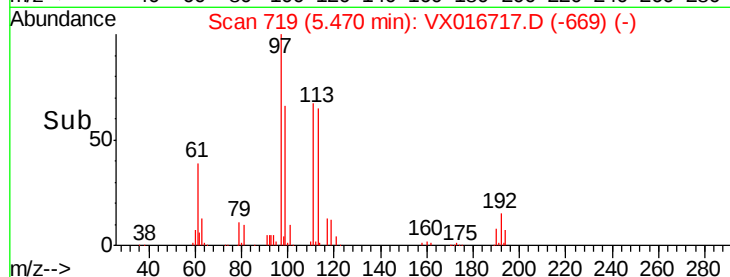
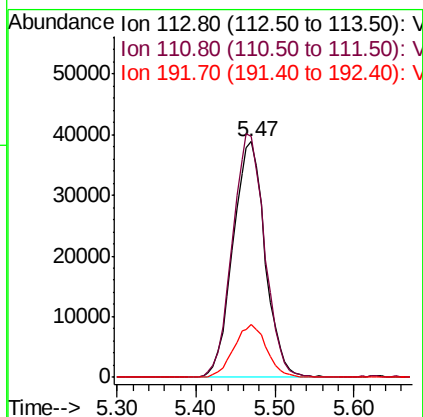
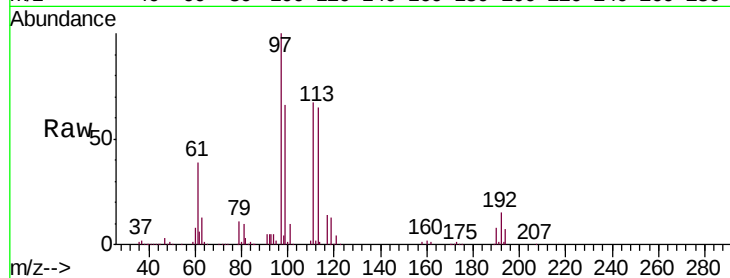




#35
 Dibromofluoromethane
 Concen: 53.454 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

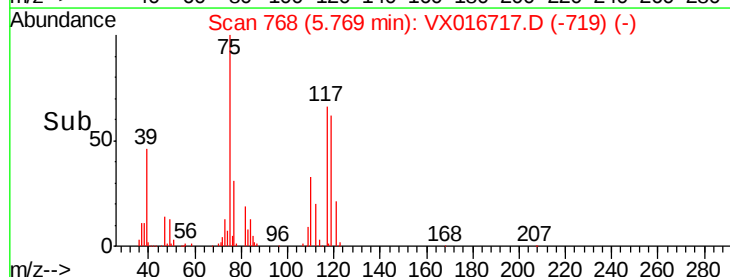
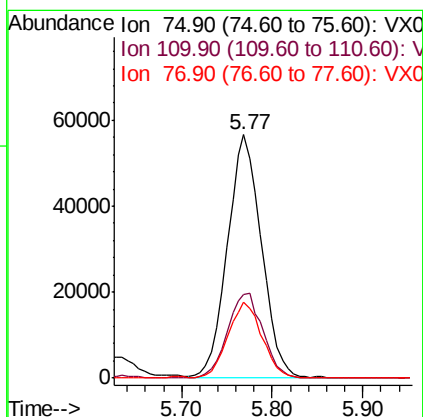
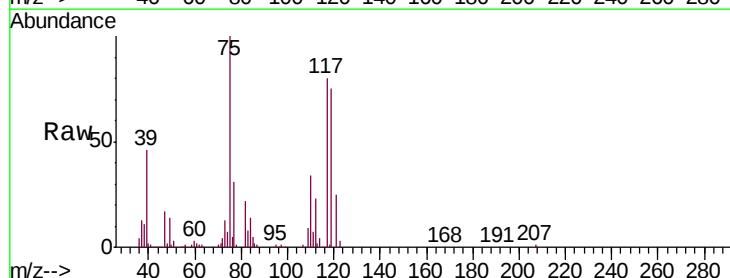
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 113 Resp: 110107
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.0 124.6
 192 22.7 17.7 26.5



#36
 1,1-Dichloropropene
 Concen: 46.402 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Tgt Ion: 75 Resp: 146973
 Ion Ratio Lower Upper
 75 100
 110 36.4 17.4 52.3
 77 31.6 24.2 36.4

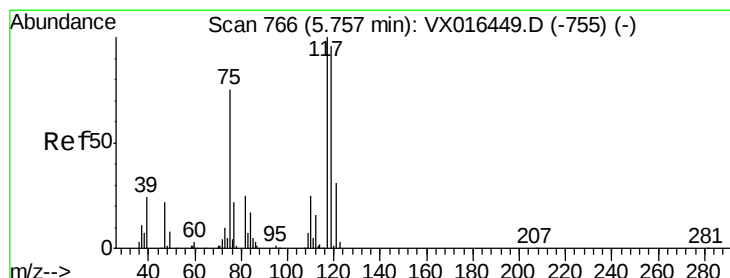
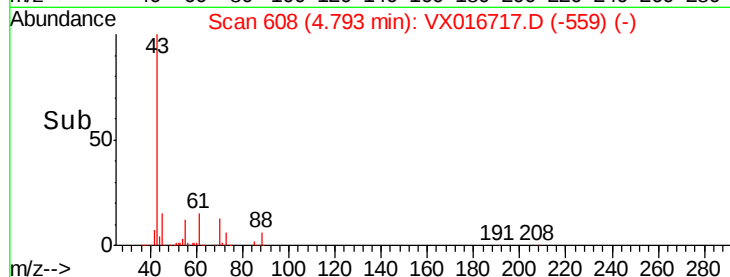
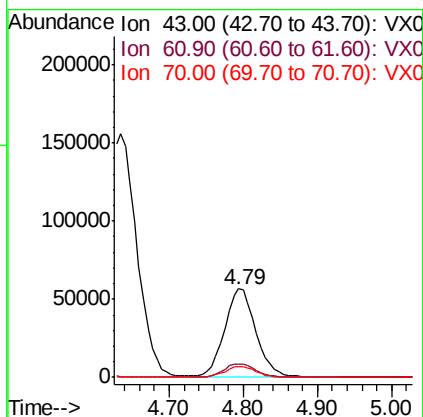
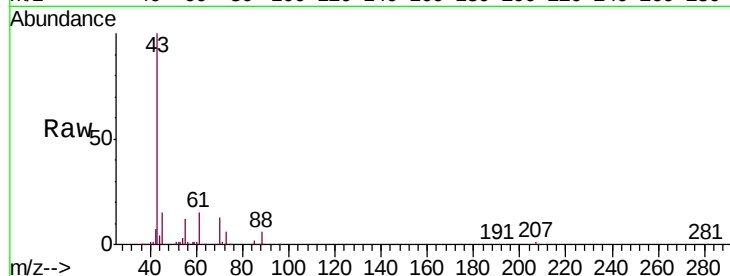




#37
Ethyl Acetate
Concen: 43.290 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

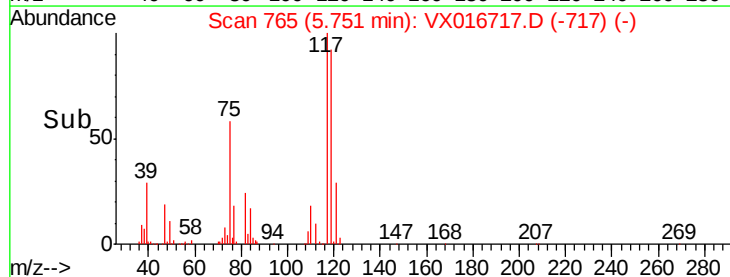
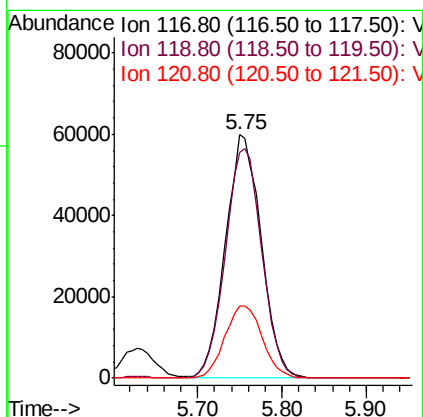
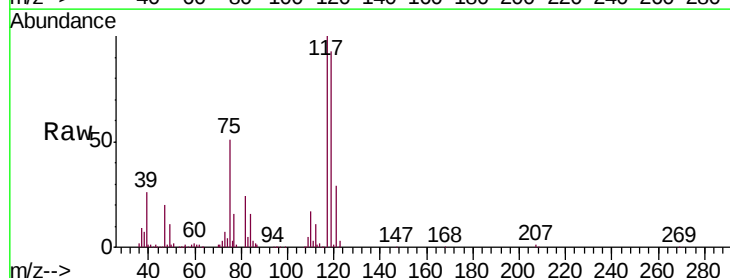
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

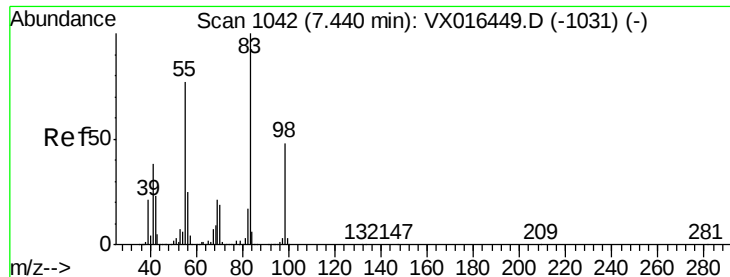
Tgt Ion: 43 Resp: 164620
Ion Ratio Lower Upper
43 100
61 15.7 11.3 16.9
70 12.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 51.909 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion: 117 Resp: 172783
Ion Ratio Lower Upper
117 100
119 92.7 76.3 114.5
121 29.5 24.6 37.0

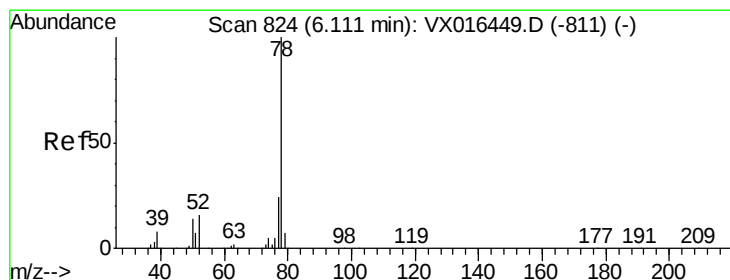
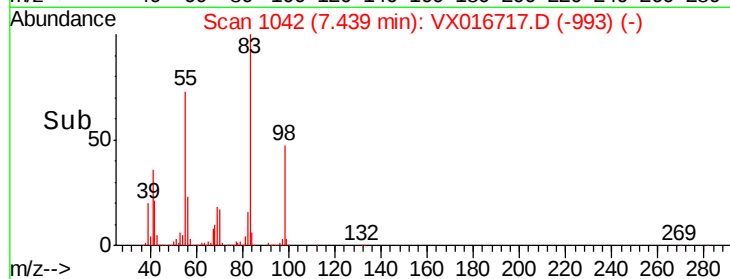
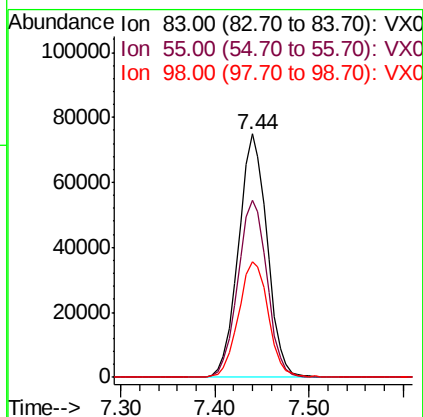
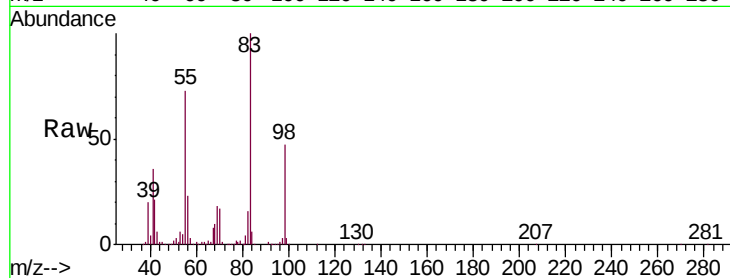




#39
Methylcyclohexane
Concen: 46.185 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

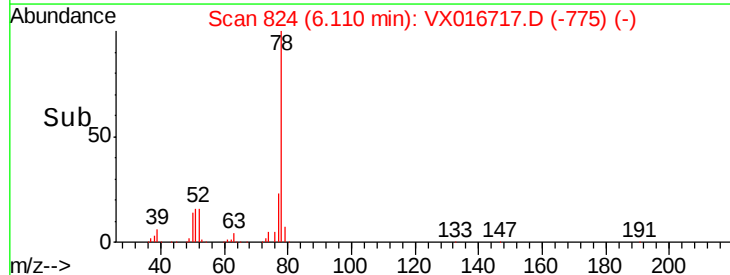
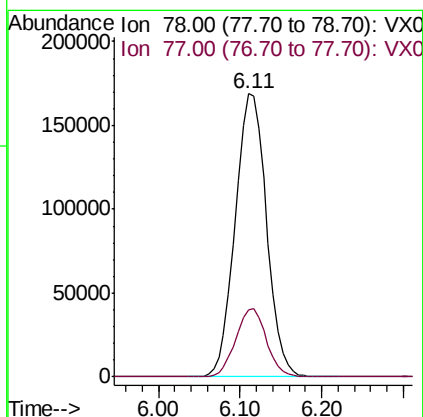
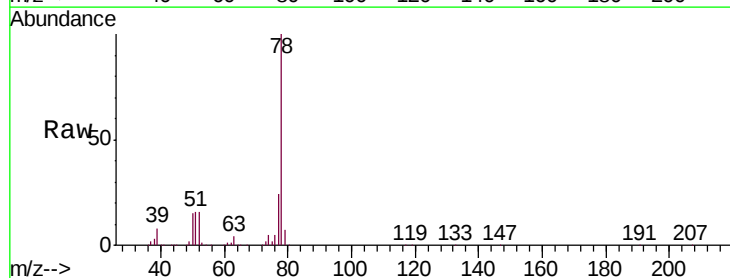
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.8	61.7	92.5
98	47.3	38.7	58.1



#40
Benzene
Concen: 47.556 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.9	28.3

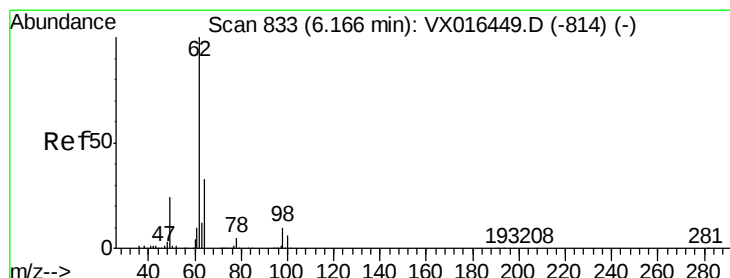
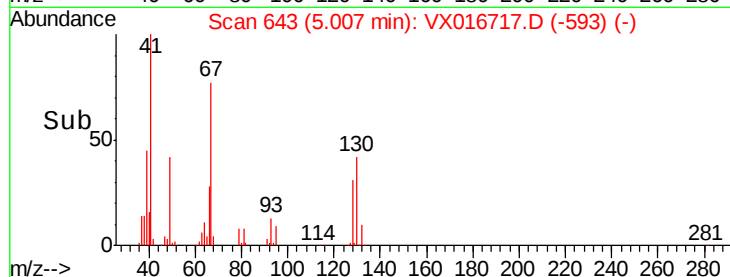
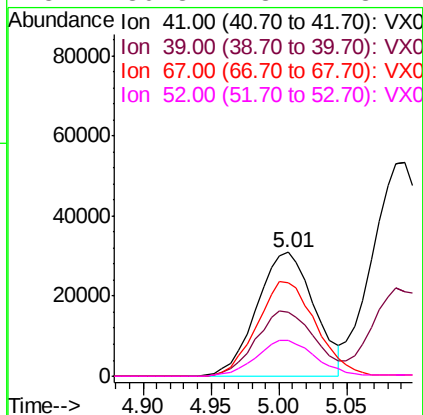
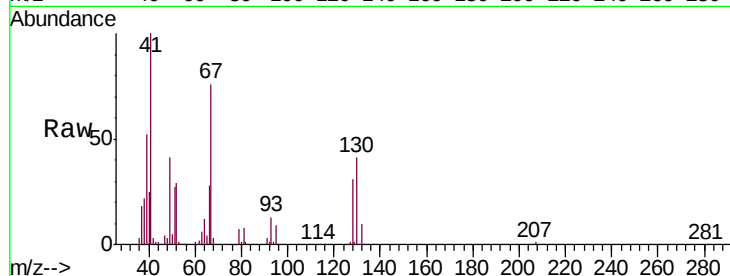




#41
Methacrylonitrile
Concen: 43.629 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

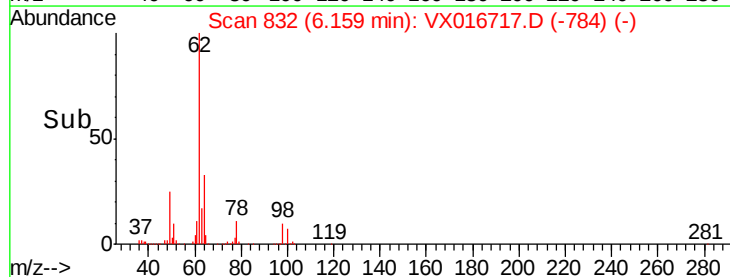
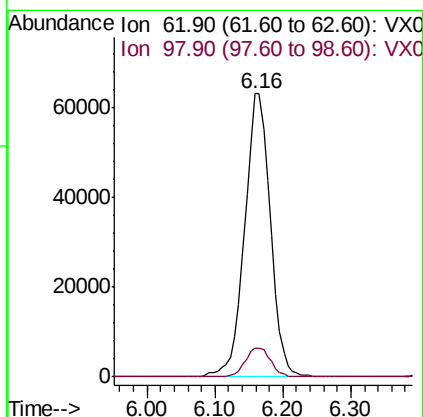
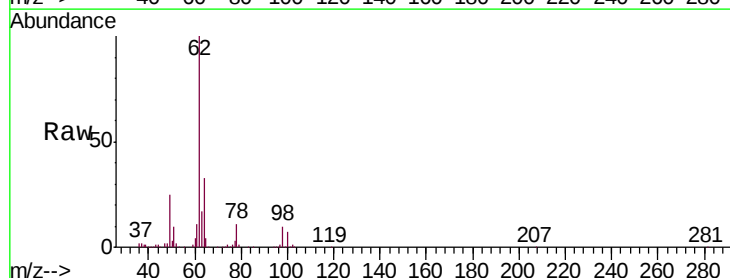
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

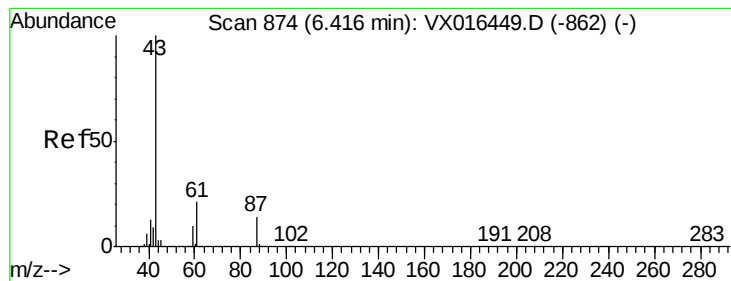
Tgt Ion:	41	Resp:	91131
Ion	Ratio	Lower	Upper
41	100		
39	53.6	43.0	64.4
67	78.9	58.9	88.3
52	30.3	23.1	34.7



#42
1,2-Dichloroethane
Concen: 49.698 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion:	62	Resp:	166707
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.8





#43

Isopropyl Acetate

Concen: 44.523 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

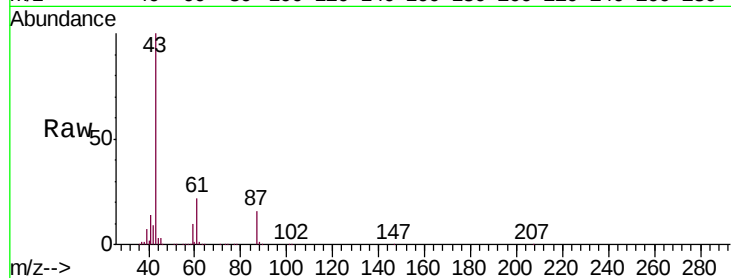
Tgt Ion: 43 Resp: 264088

Ion Ratio Lower Upper

43 100

61 22.3 16.8 25.2

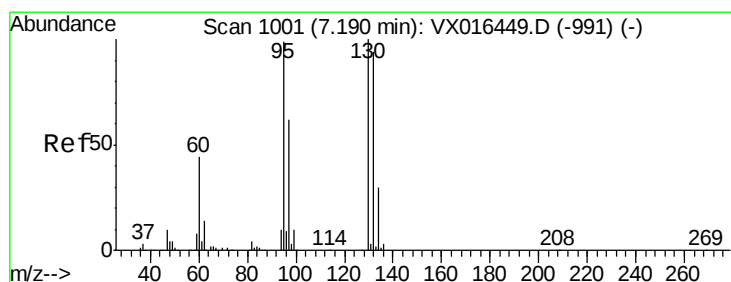
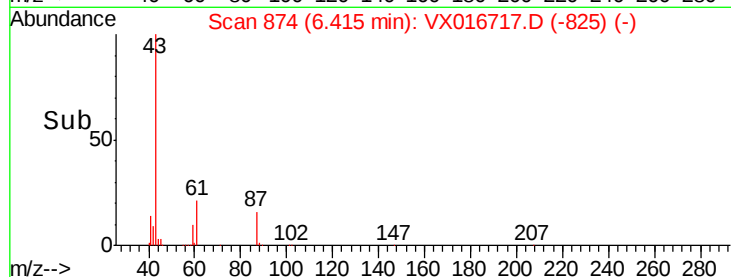
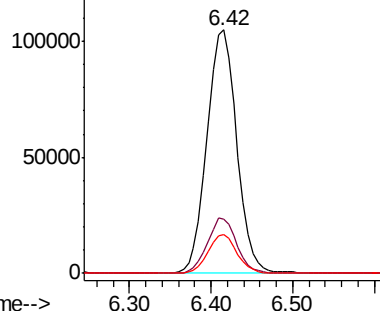
87 15.6 11.2 16.8



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: 44.038 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016717.D

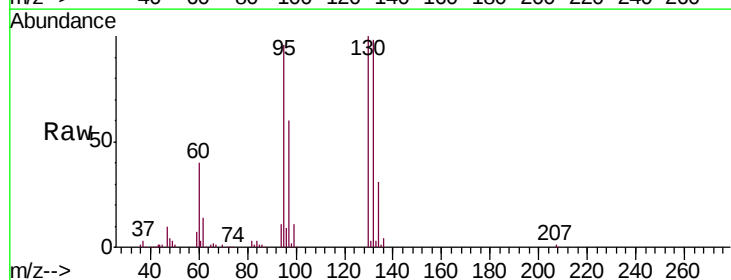
Acq: 11 Jun 2020 20:06

Tgt Ion: 130 Resp: 131790

Ion Ratio Lower Upper

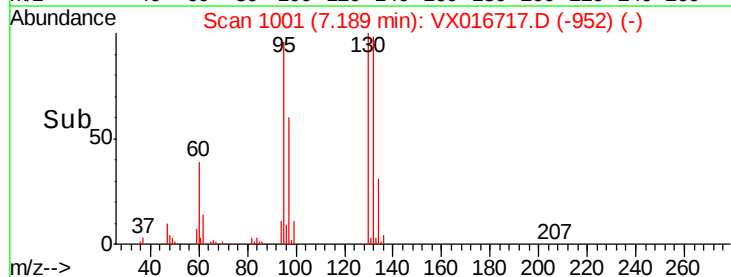
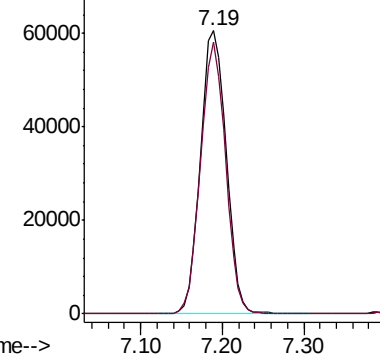
130 100

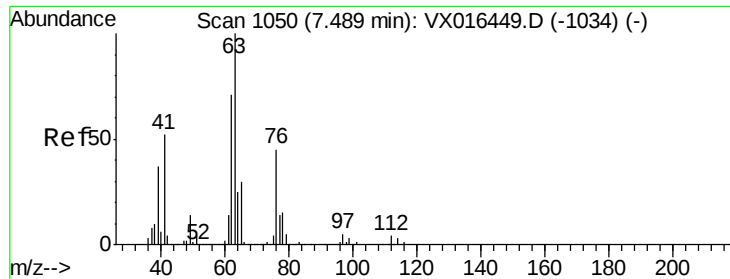
95 95.9 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

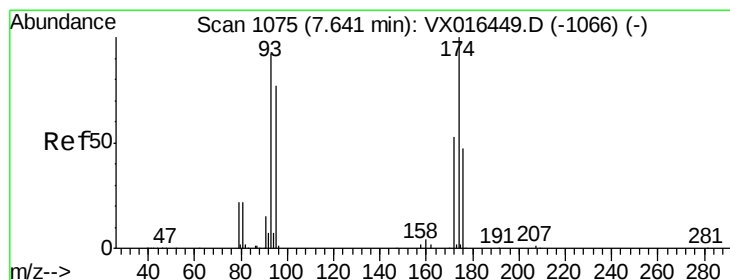
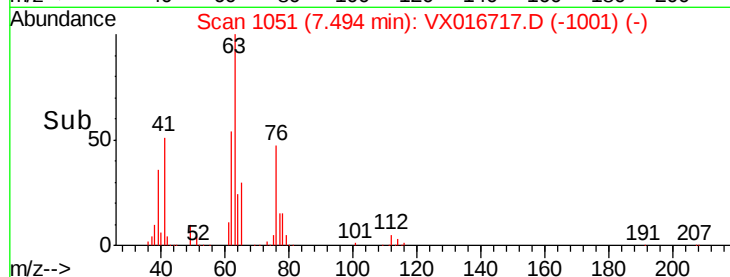
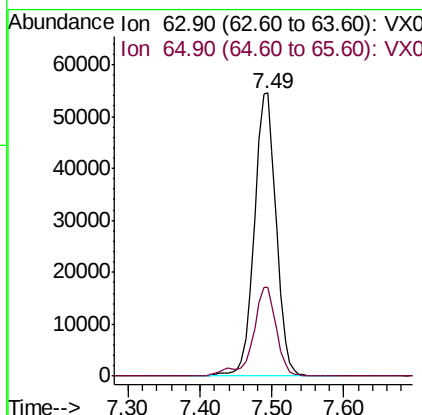
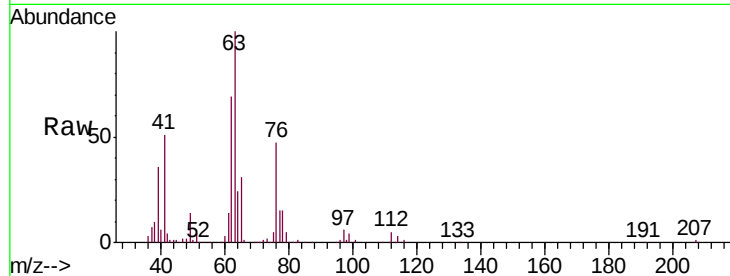




#45
 1,2-Dichloropropane
 Concen: 47.995 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

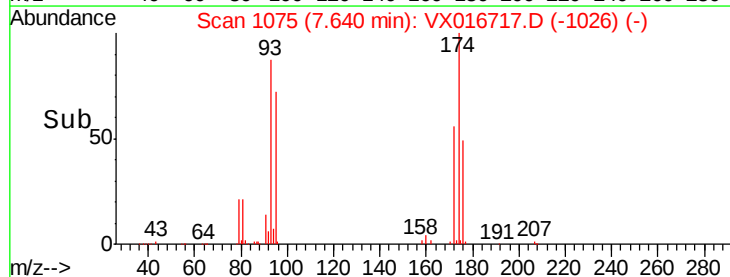
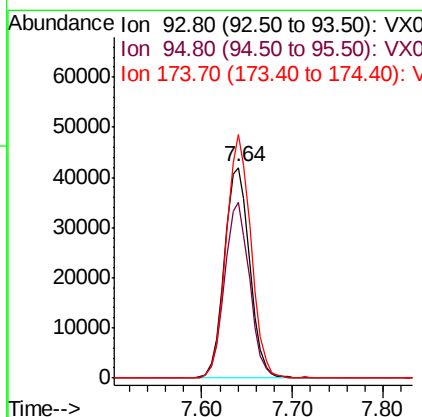
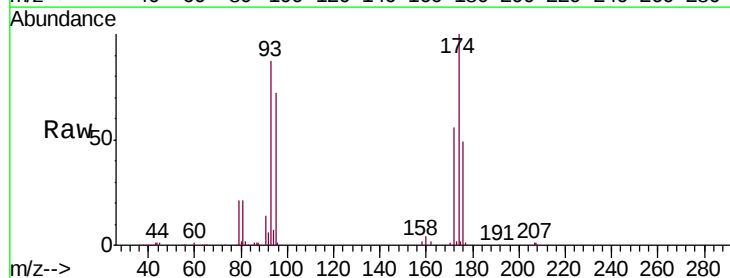
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

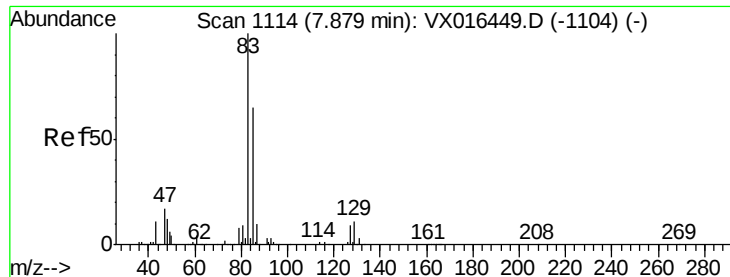
Tgt Ion: 63 Resp: 115248
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.2 36.2



#46
 Dibromomethane
 Concen: 50.756 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Tgt Ion: 93 Resp: 81862
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.6 100.0
 174 112.2 86.2 129.4





#47

Bromodichloromethane

Concen: 51.347 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

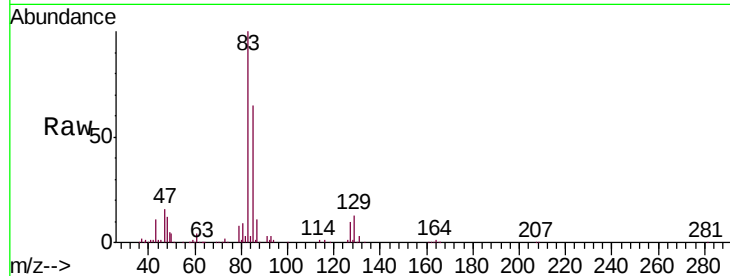
Tgt Ion: 83 Resp: 171476

Ion Ratio Lower Upper

83 100

85 65.3 52.0 78.0

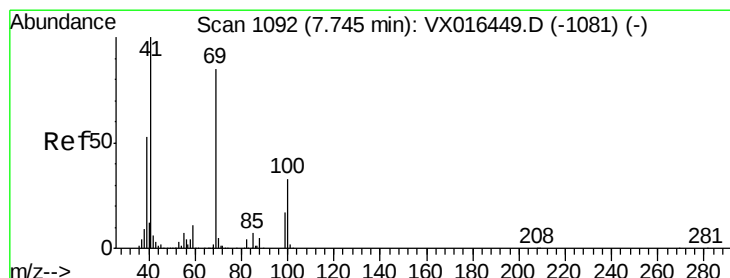
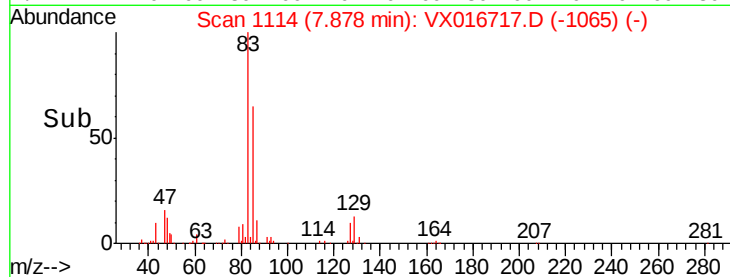
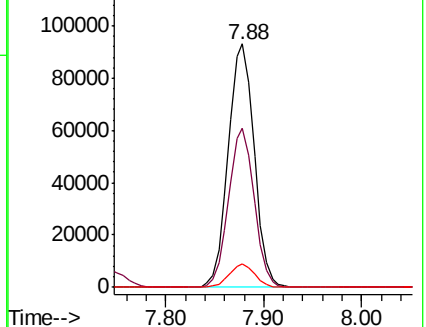
127 9.5 7.4 11.0



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: 44.998 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

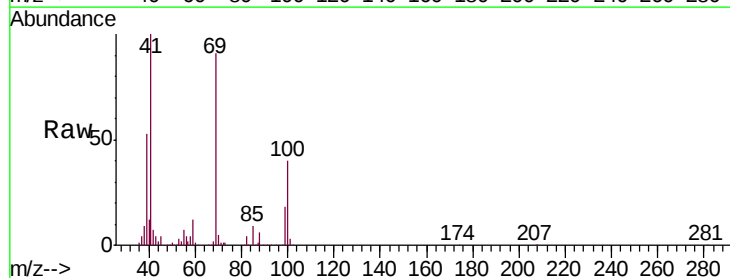
Tgt Ion: 41 Resp: 127797

Ion Ratio Lower Upper

41 100

69 91.7 68.6 102.8

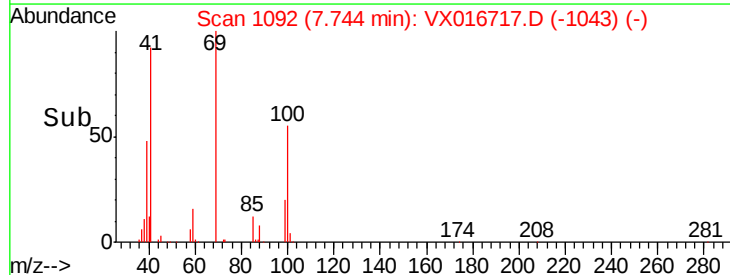
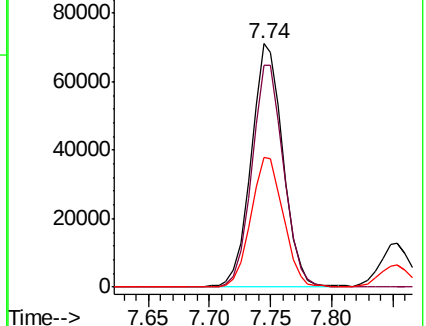
39 54.5 42.4 63.6

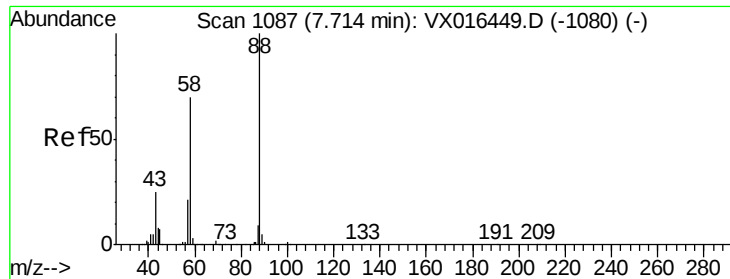


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 909.698 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

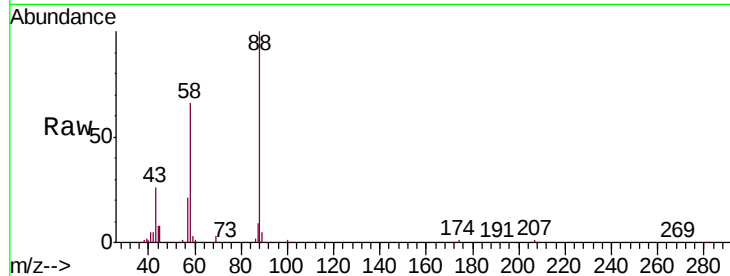
Tgt Ion: 88 Resp: 60462

Ion Ratio Lower Upper

88 100

43 30.5 24.2 36.4

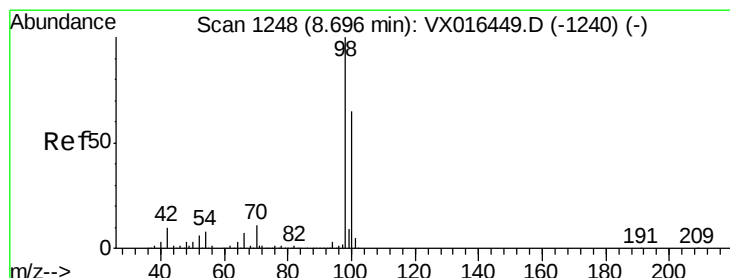
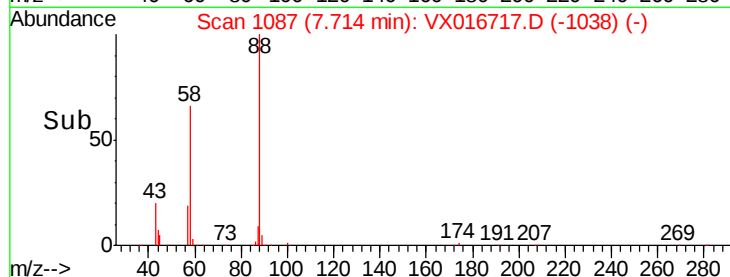
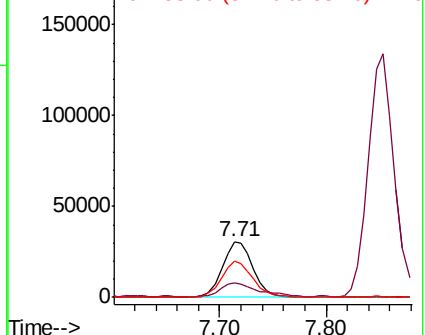
58 66.8 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.615 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016717.D

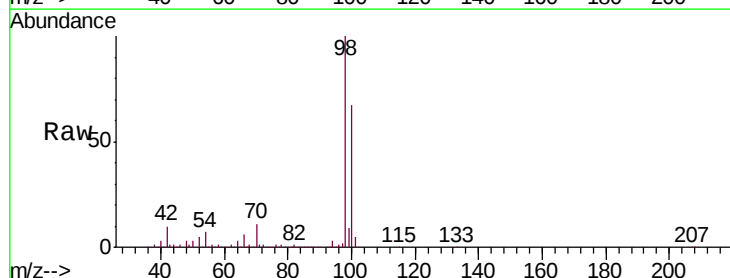
Acq: 11 Jun 2020 20:06

Tgt Ion: 98 Resp: 405800

Ion Ratio Lower Upper

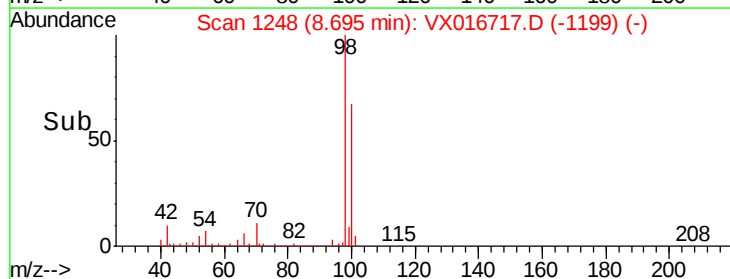
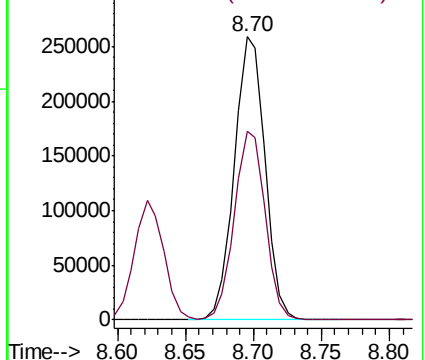
98 100

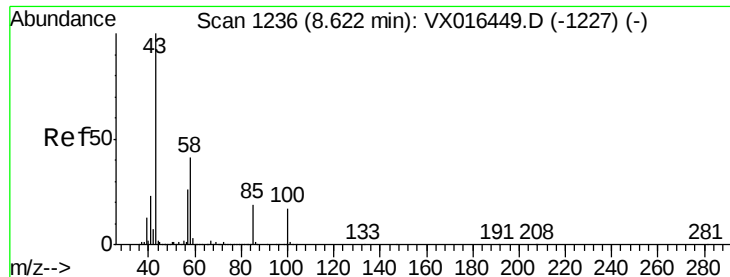
100 67.0 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

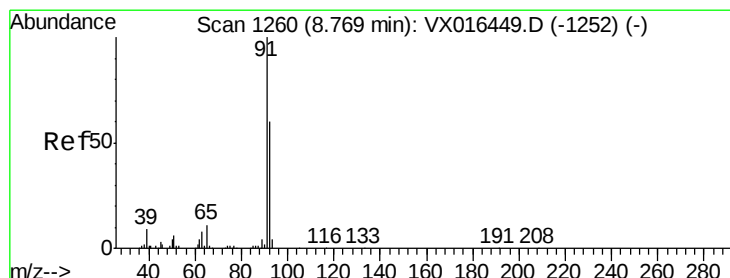
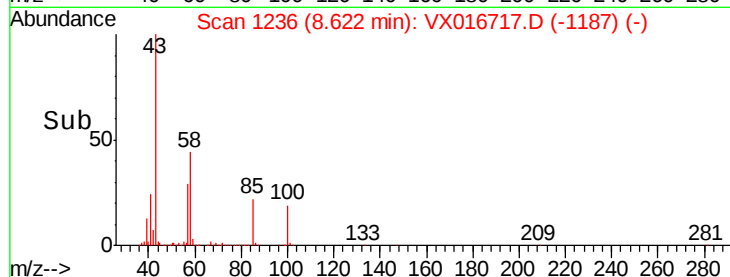
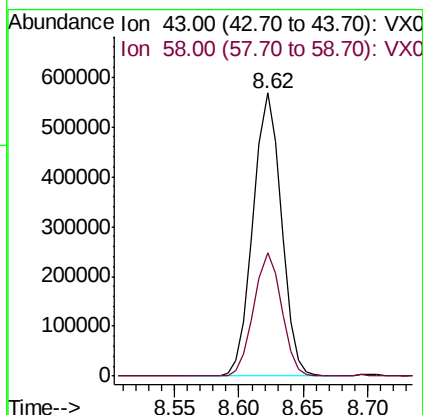
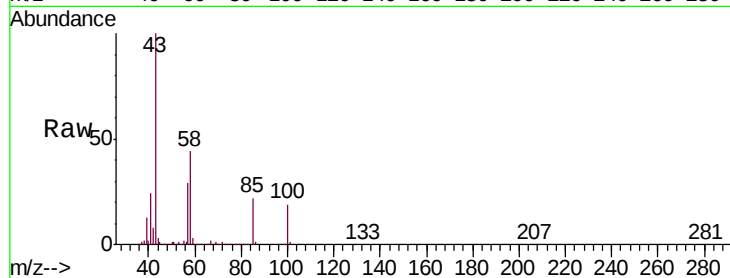




#51
 4-Methyl-2-Pentanone
 Concen: 232.936 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

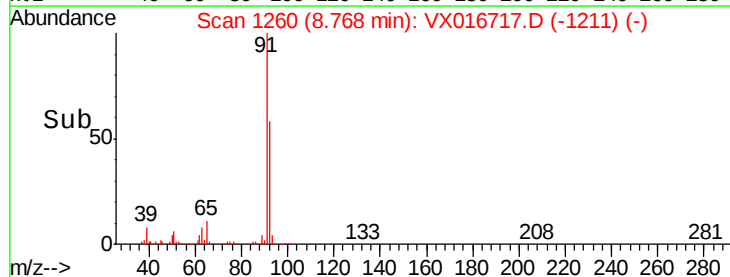
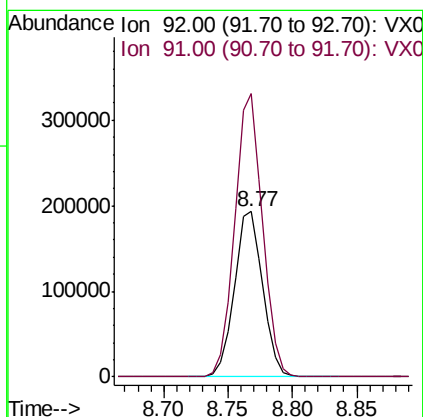
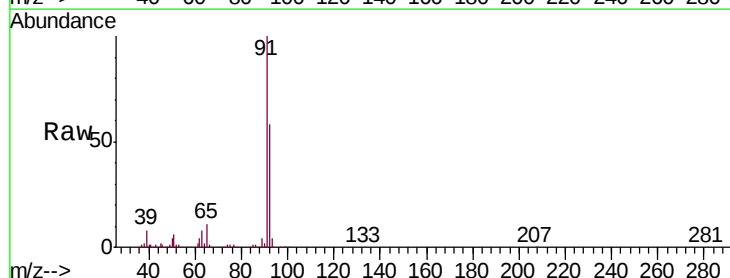
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 860312
 Ion Ratio Lower Upper
 43 100
 58 43.1 33.0 49.6



#52
 Toluene
 Concen: 49.456 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Tgt Ion: 92 Resp: 294163
 Ion Ratio Lower Upper
 92 100
 91 168.2 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 50.541 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

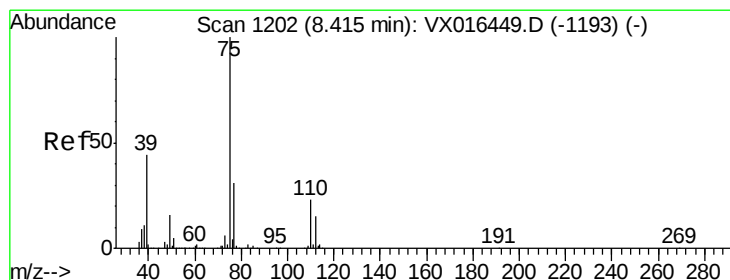
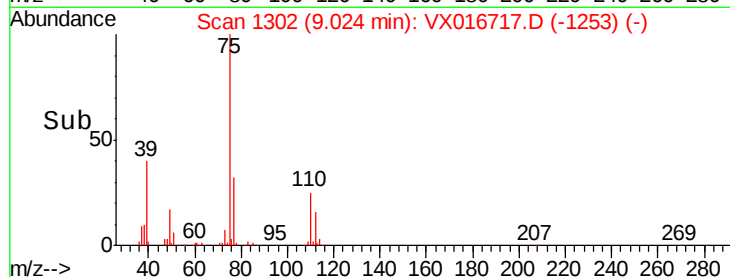
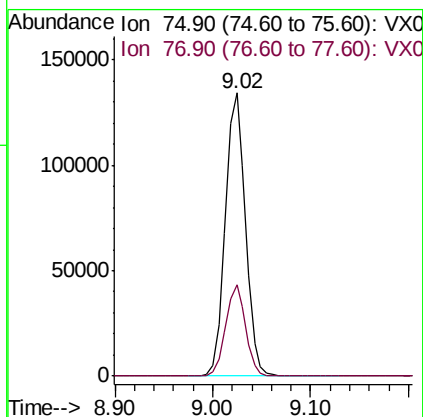
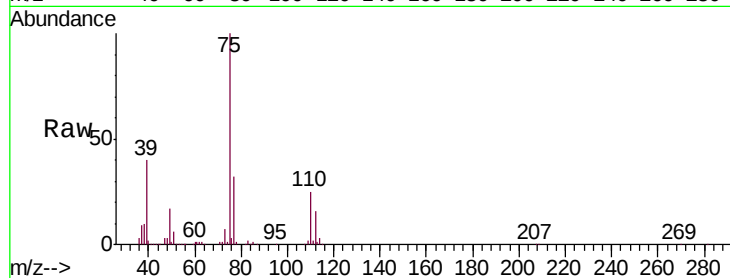
VSTDCCC050EC

Tgt Ion: 75 Resp: 191925

Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 49.451 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

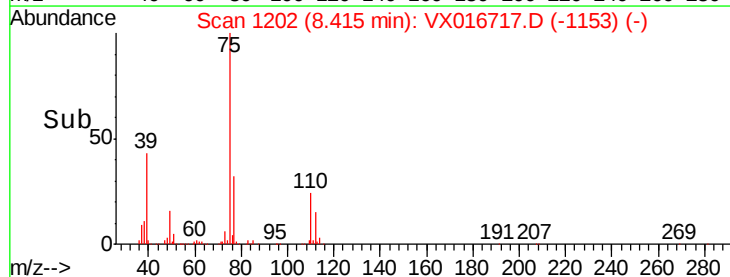
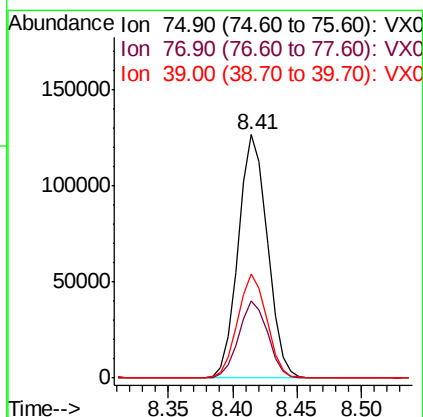
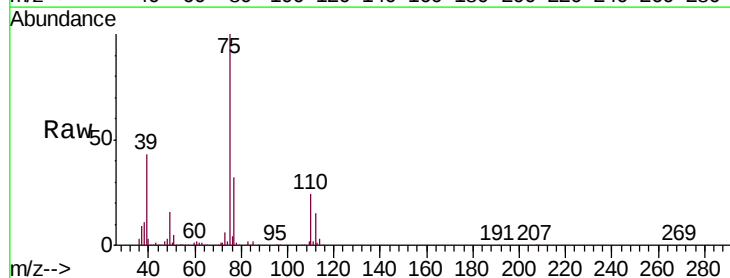
Tgt Ion: 75 Resp: 198764

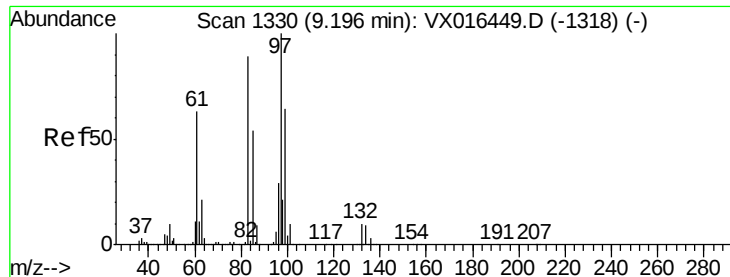
Ion Ratio Lower Upper

75 100

77 32.0 24.6 36.8

39 42.6 35.3 52.9

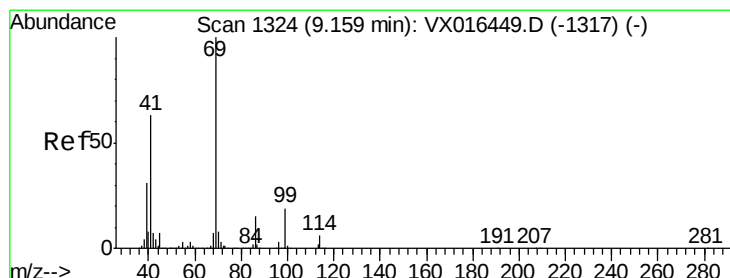
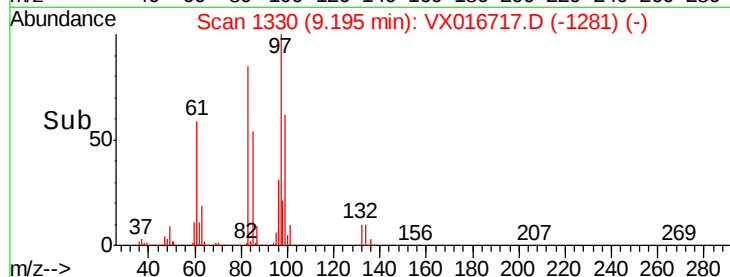
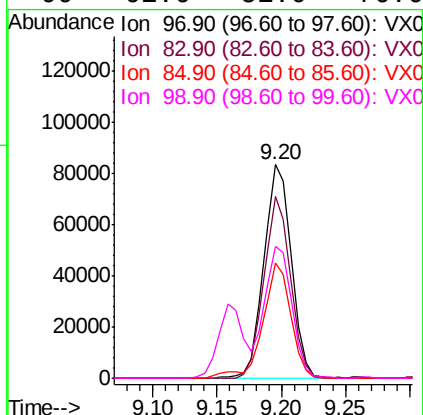
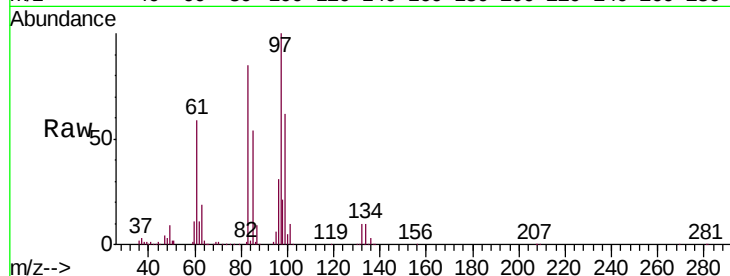




#55
 1,1,2-Trichloroethane
 Concen: 52.215 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

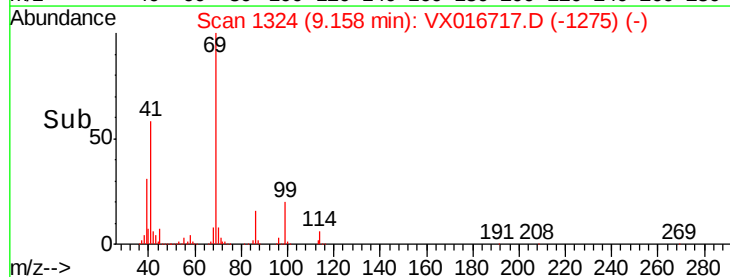
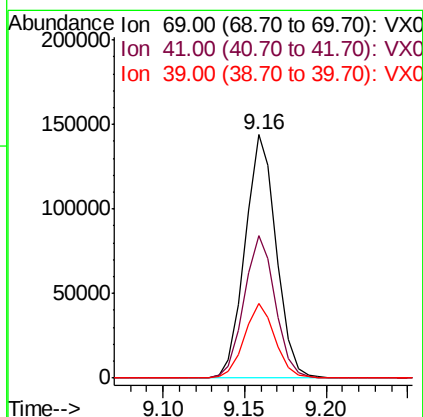
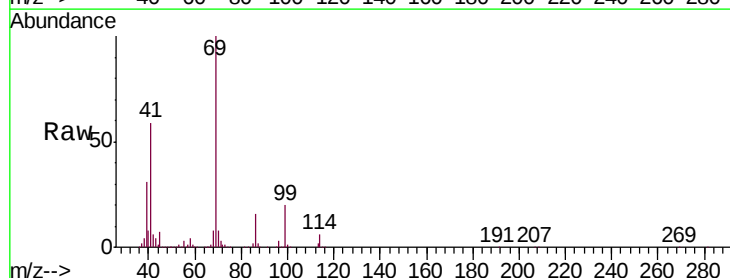
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	123483
Ion	Ratio	Lower	Upper
97	100		
83	85.0	70.9	106.3
85	54.0	43.4	65.2
99	61.6	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 49.801 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Tgt Ion:	69	Resp:	191811
Ion	Ratio	Lower	Upper
69	100		
41	59.2	50.7	76.1
39	30.6	25.8	38.6





#57

1,3-Dichloropropane

Concen: 49.899 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

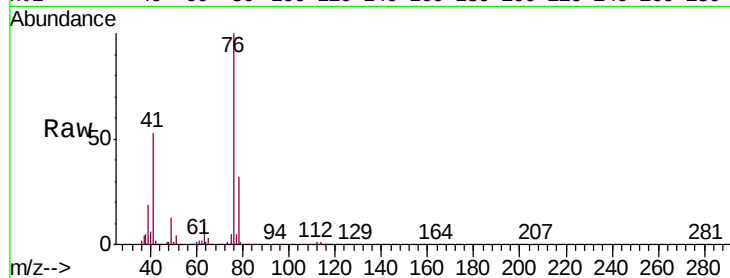
VSTDCCC050EC

Tgt Ion: 76 Resp: 202553

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

150000

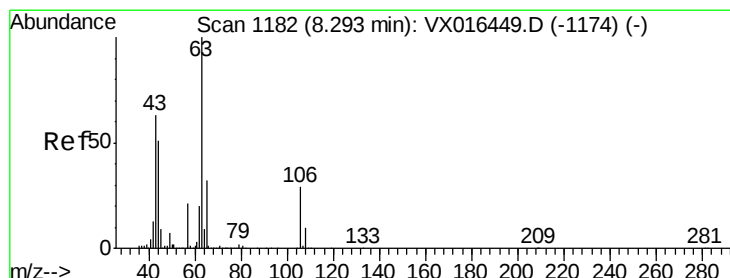
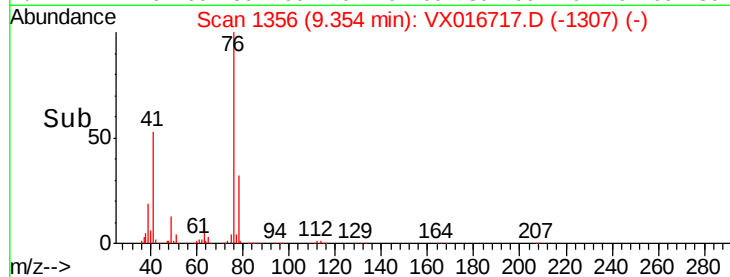
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 241.380 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016717.D

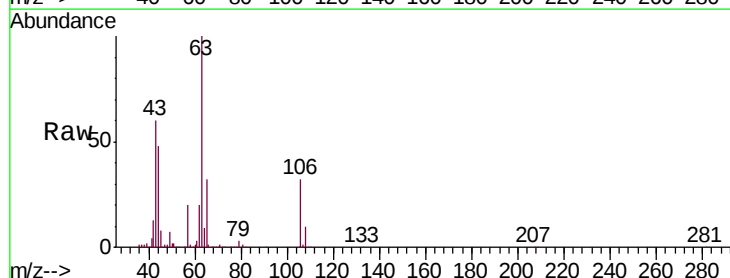
Acq: 11 Jun 2020 20:06

Tgt Ion: 63 Resp: 485261

Ion Ratio Lower Upper

63 100

106 31.9 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

300000

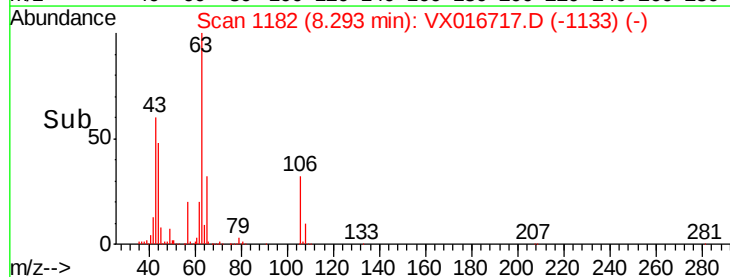
200000

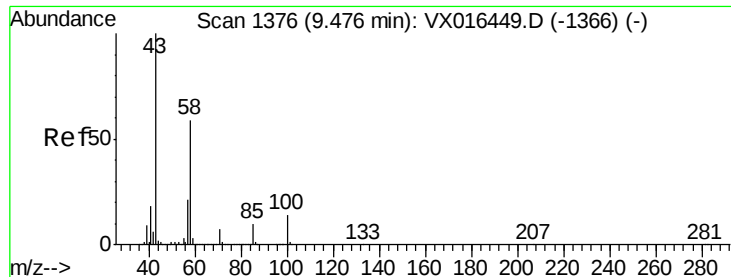
100000

0

8.20 8.25 8.30 8.35 8.40

Time-->

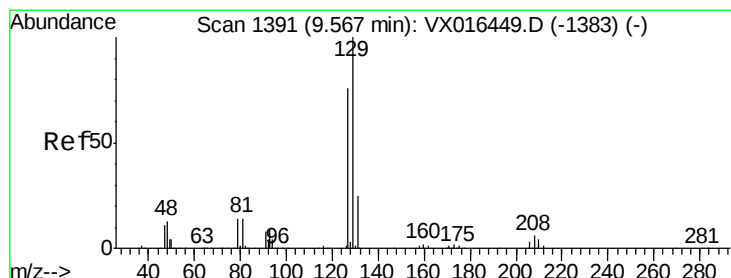
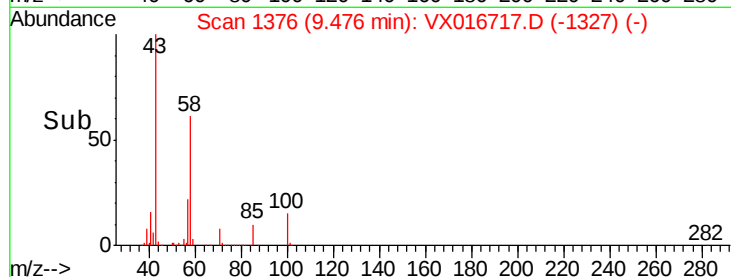
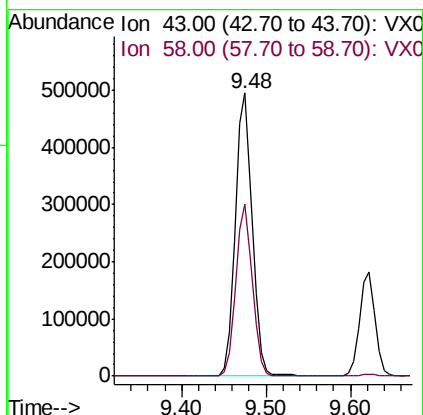
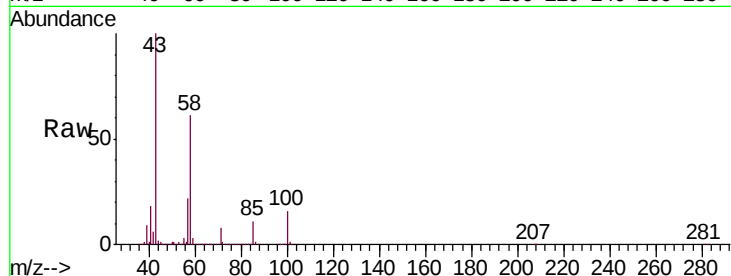




#59
2-Hexanone
Concen: 231.935 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

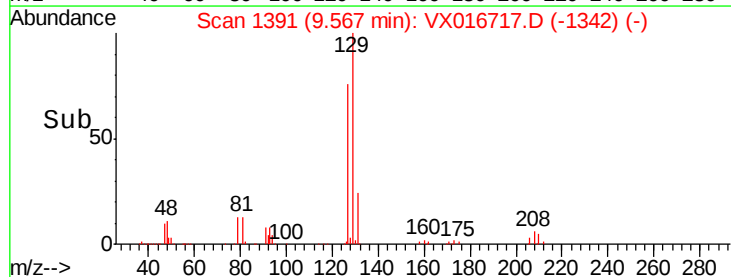
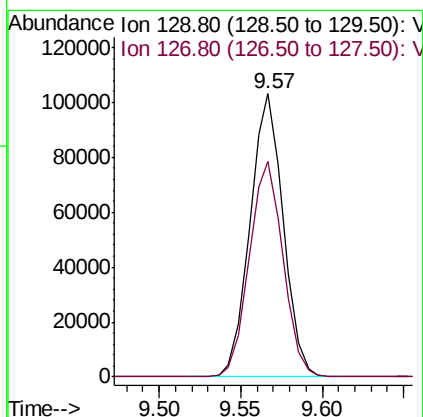
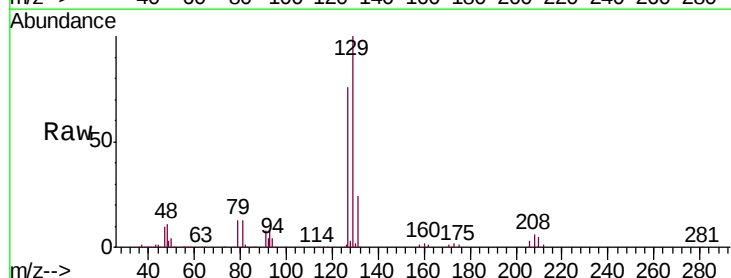
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

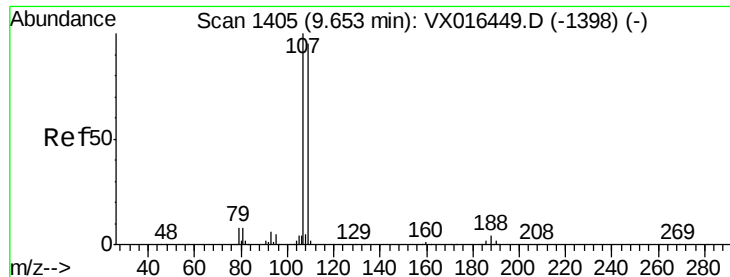
Tgt Ion: 43 Resp: 666152
Ion Ratio Lower Upper
43 100
58 59.8 28.8 86.4



#60
Dibromochloromethane
Concen: 54.807 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion: 129 Resp: 145863
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 52.133 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

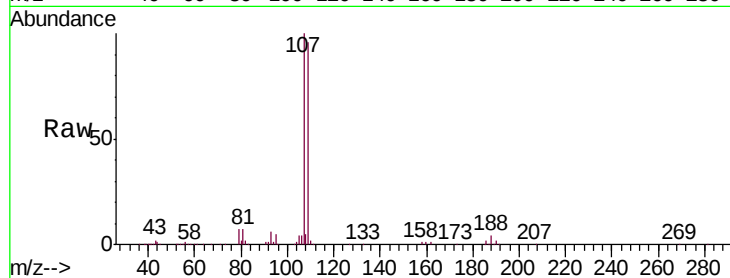
VSTDCCC050EC

Tgt Ion: 107 Resp: 132025

Ion Ratio Lower Upper

107 100

109 94.2 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

100000

80000

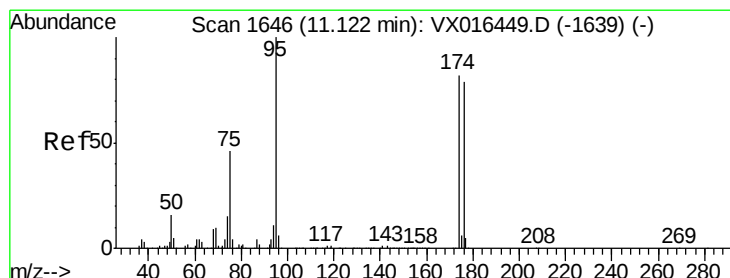
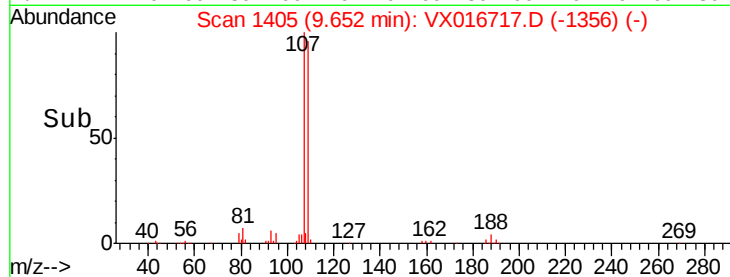
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.861 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

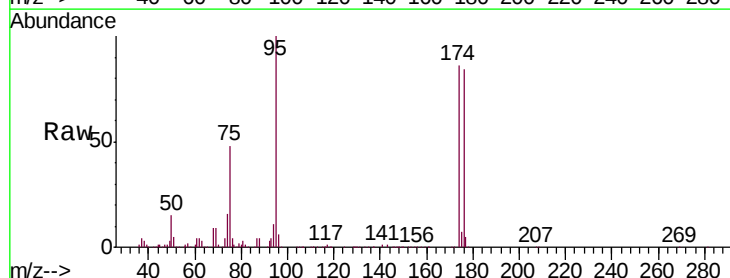
Tgt Ion: 95 Resp: 160661

Ion Ratio Lower Upper

95 100

174 85.8 0.0 163.0

176 83.1 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

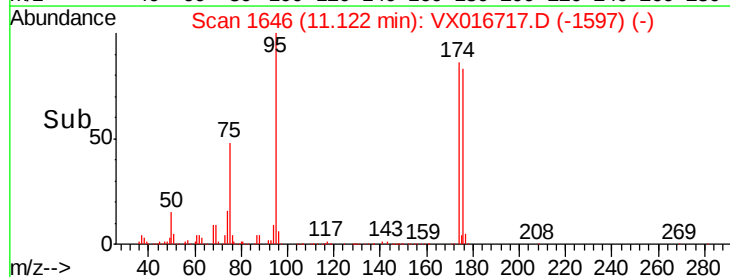
150000

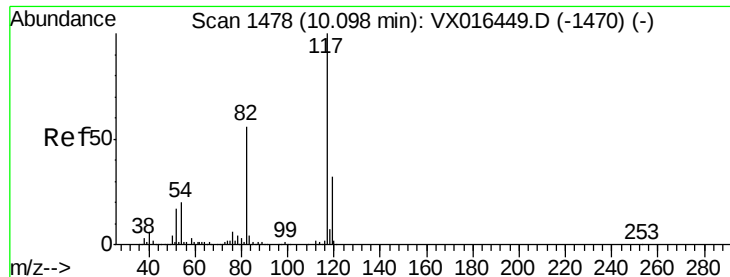
100000

50000

0

Time-->

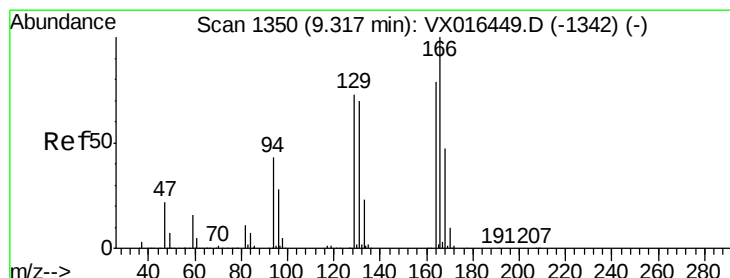
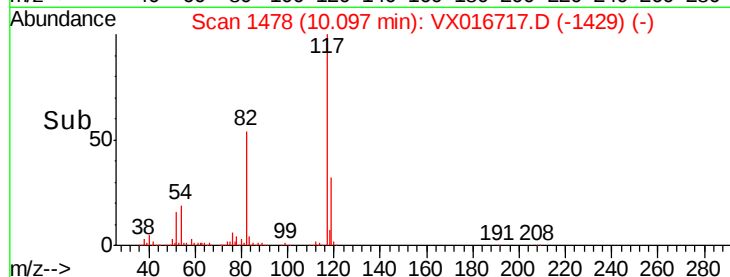
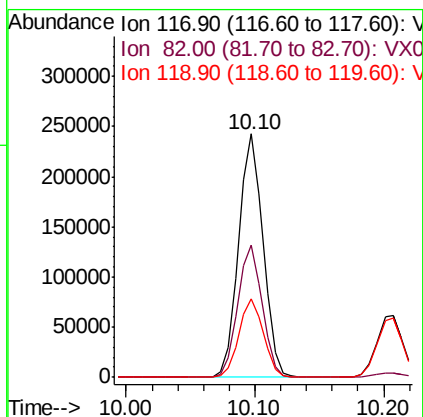
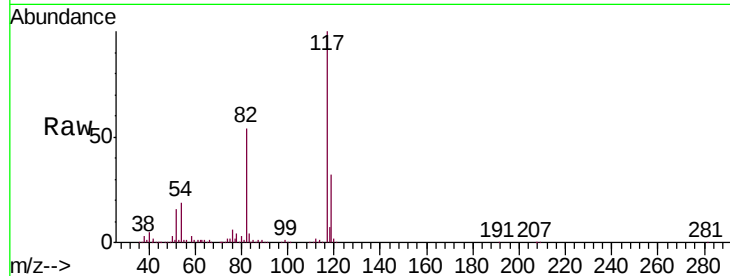




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

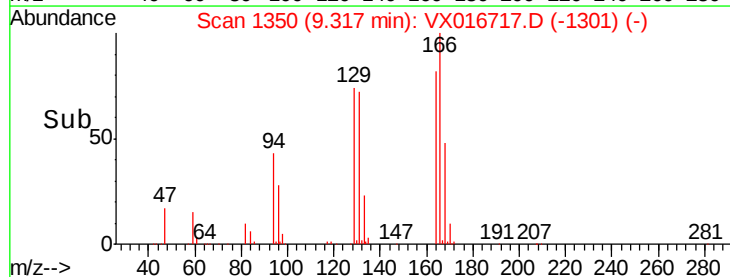
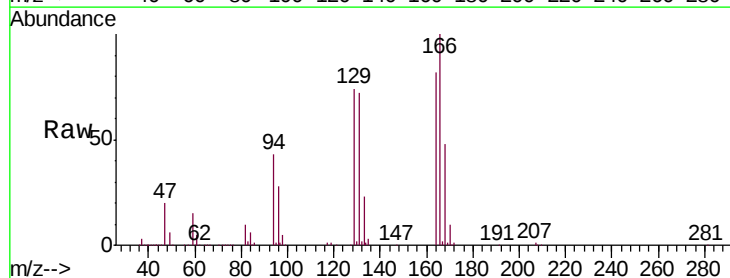
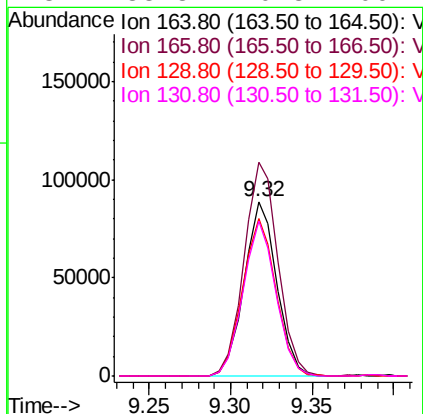
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

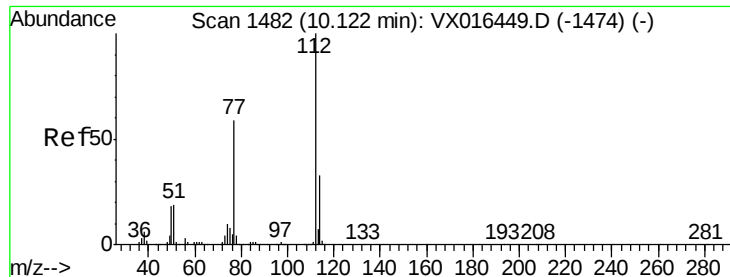
Tgt Ion:117 Resp: 319134
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.6
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 34.637 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion:164 Resp: 123668
Ion Ratio Lower Upper
164 100
166 122.5 100.9 151.3
129 90.0 73.2 109.8
131 88.8 70.8 106.2

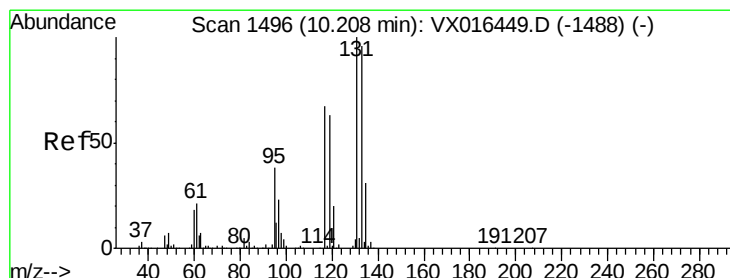
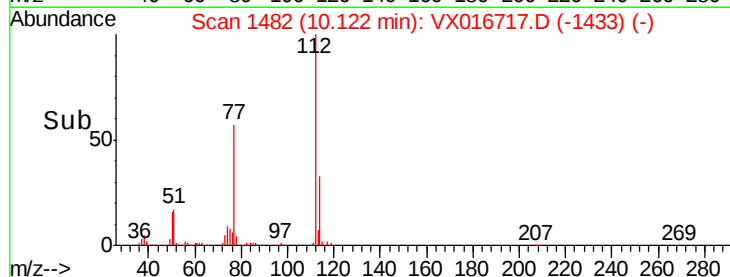
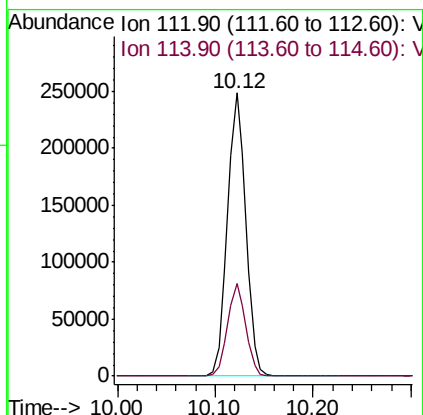
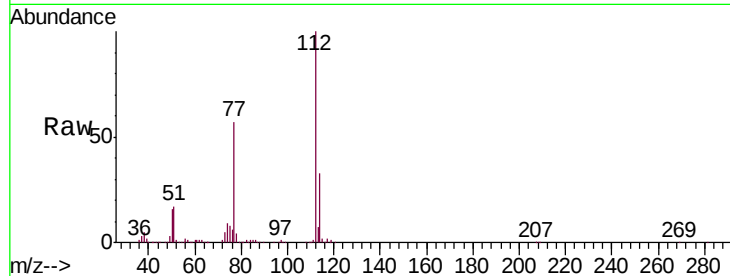




#65
Chlorobenzene
Concen: 49.948 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

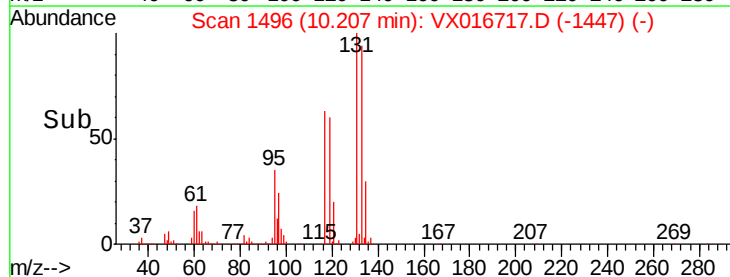
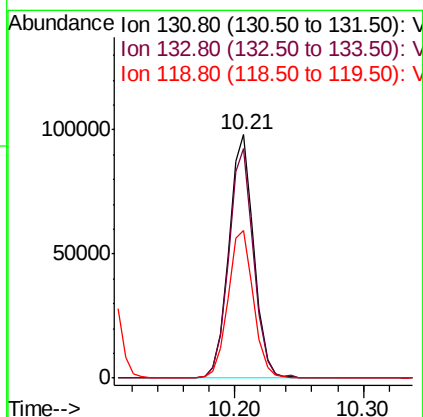
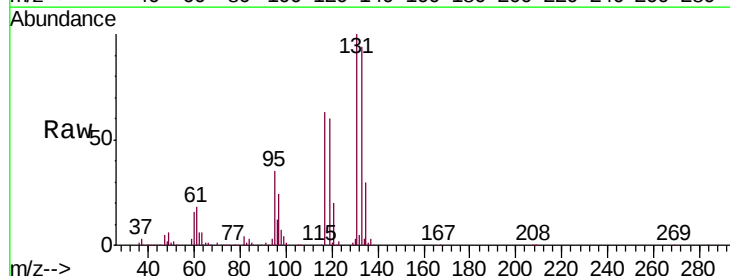
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

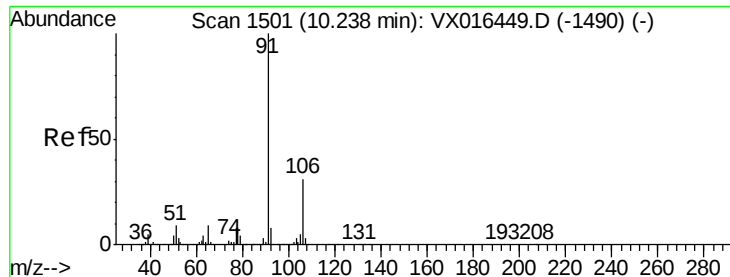
Tgt Ion:112 Resp: 324975
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.272 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion:131 Resp: 132307
Ion Ratio Lower Upper
131 100
133 94.6 48.4 145.3
119 62.0 32.0 96.2

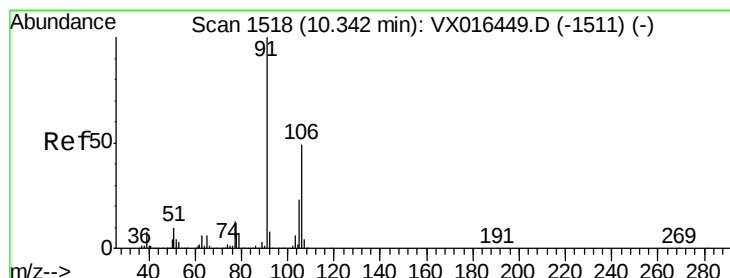
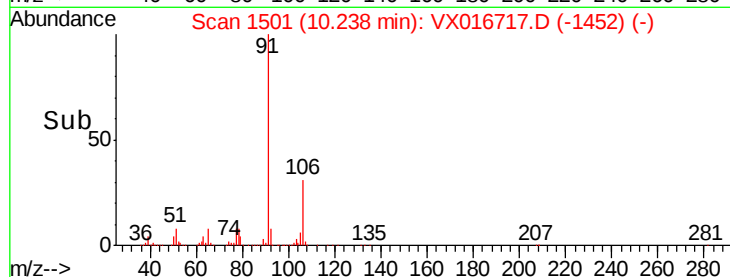
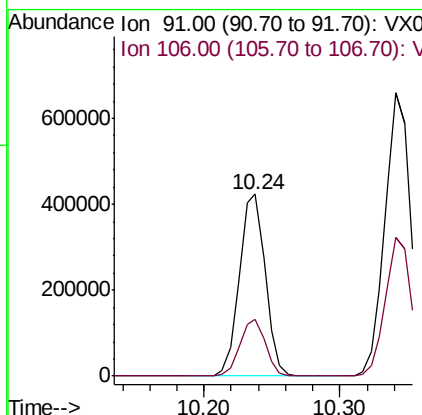
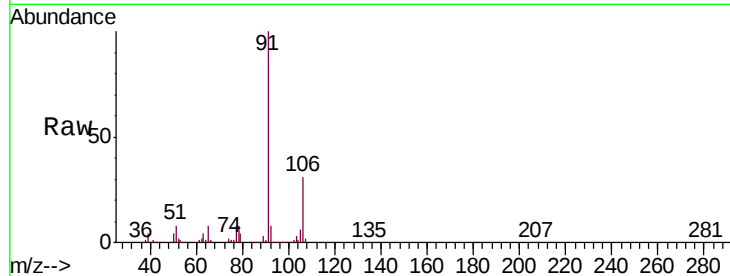




#67
Ethyl Benzene
Concen: 48.533 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

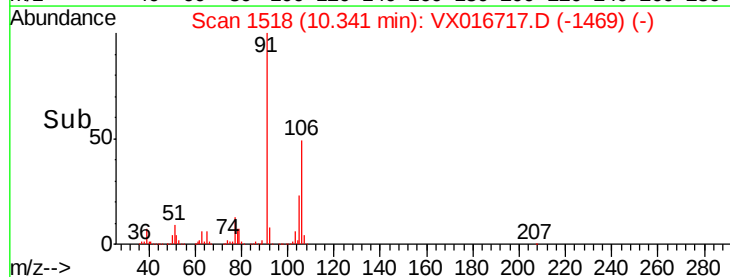
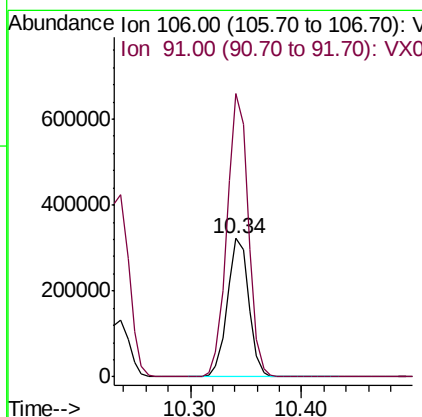
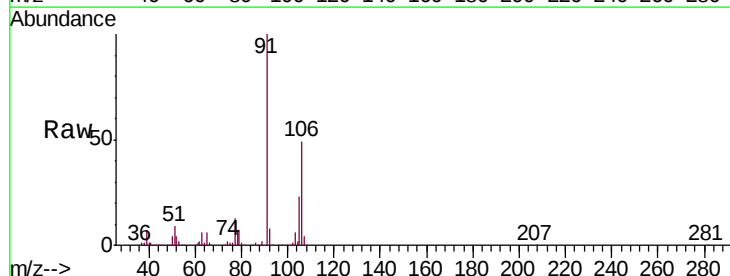
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

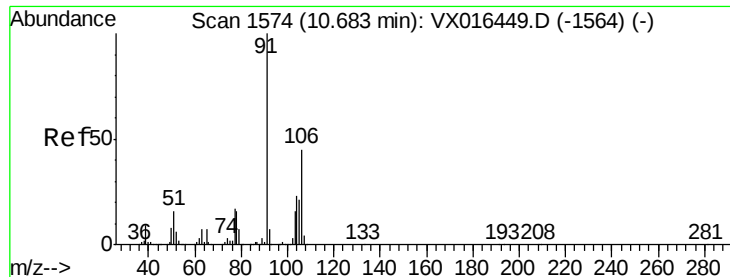
Tgt Ion: 91 Resp: 562199
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4



#68
m/p-Xylenes
Concen: 99.956 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion: 106 Resp: 429308
Ion Ratio Lower Upper
106 100
91 203.2 163.8 245.8

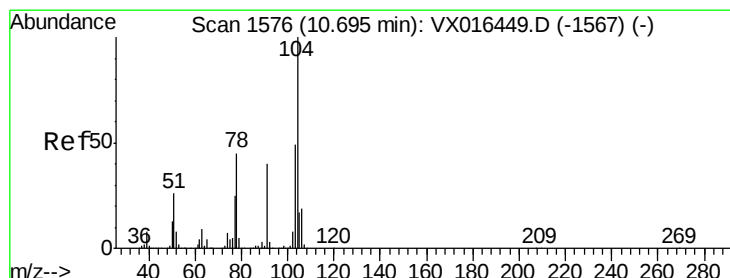
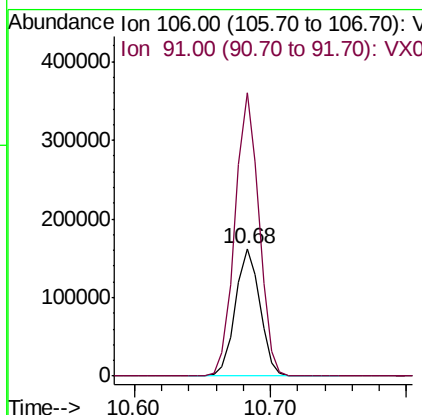
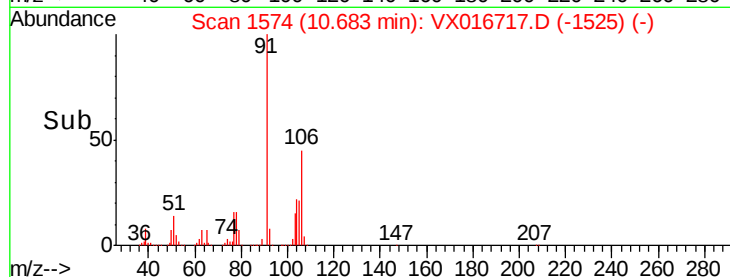
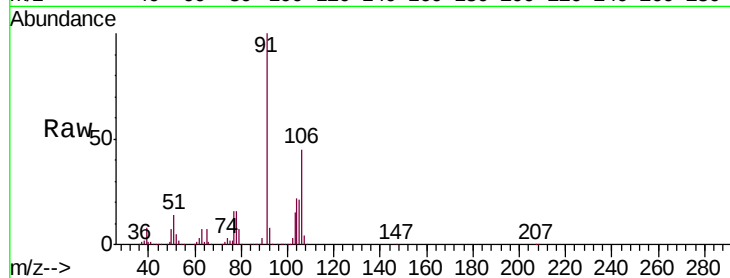




#69
o-Xylene
Concen: 49.167 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

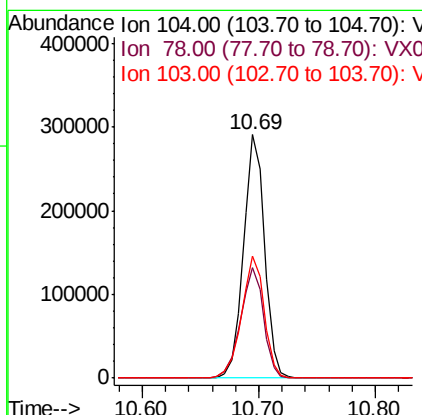
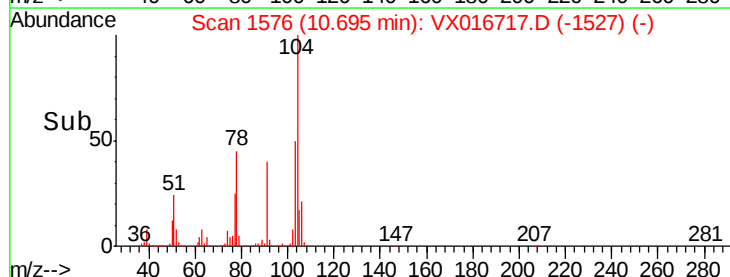
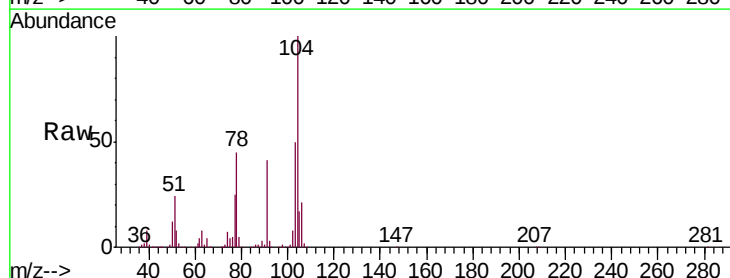
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

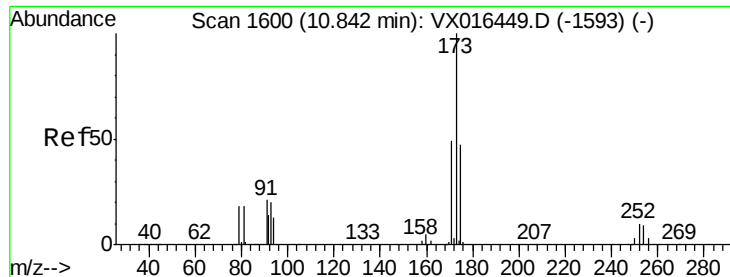
Tgt Ion:106 Resp: 204509
Ion Ratio Lower Upper
106 100
91 217.4 109.6 328.8



#70
Styrene
Concen: 51.433 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion:104 Resp: 367726
Ion Ratio Lower Upper
104 100
78 49.6 40.2 60.2
103 53.9 43.1 64.7





#71

Bromoform

Concen: 56.090 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

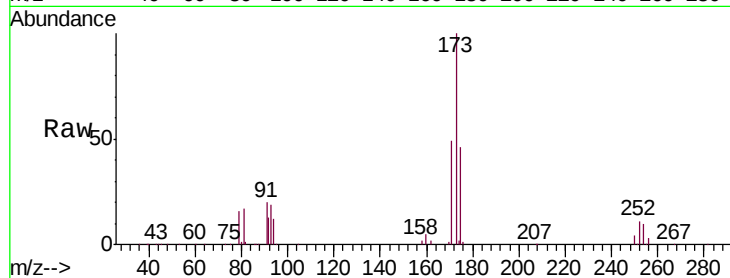
Tgt Ion:173 Resp: 117732

Ion Ratio Lower Upper

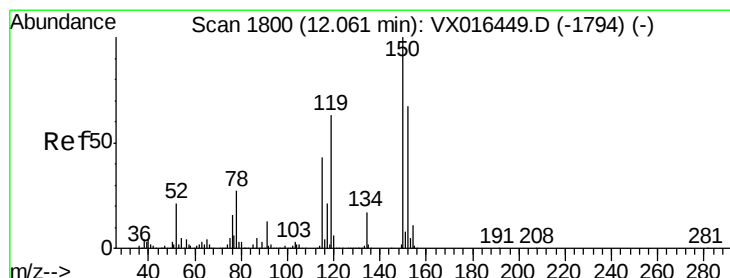
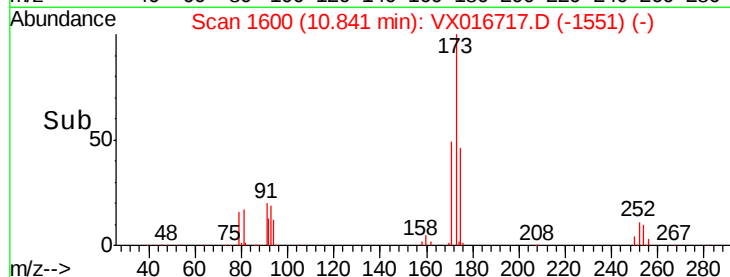
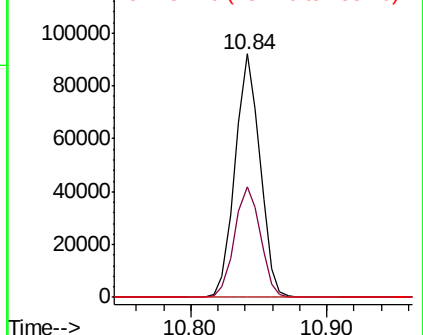
173 100

175 47.6 23.9 71.7

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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

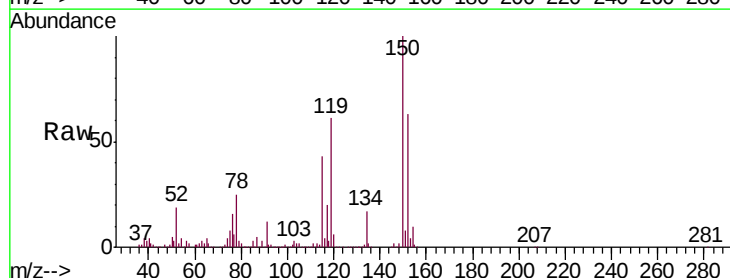
Tgt Ion:152 Resp: 169224

Ion Ratio Lower Upper

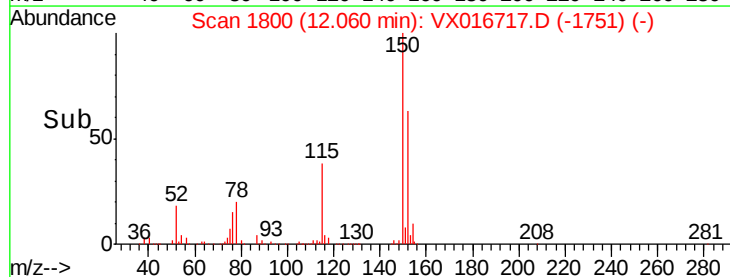
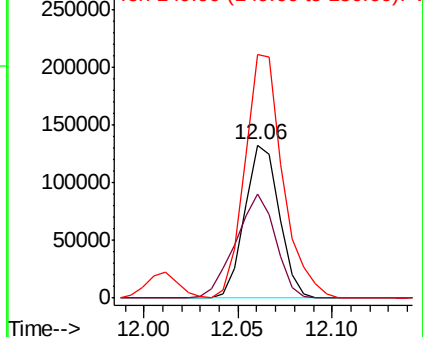
152 100

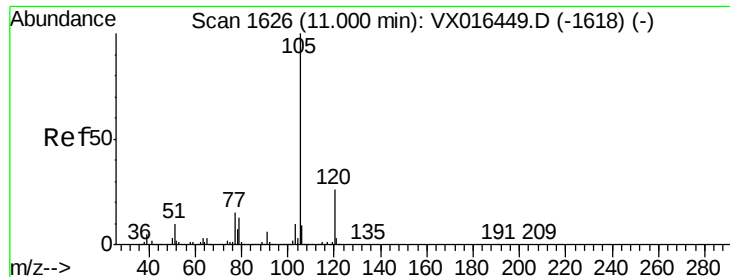
115 79.1 39.9 119.6

150 174.8 0.0 341.0



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





#73

Isopropylbenzene

Concen: 47.434 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

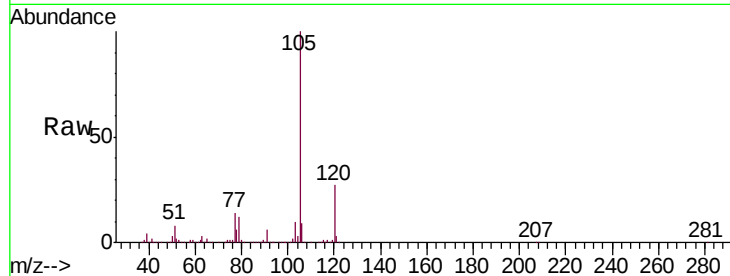
VSTDCCC050EC

Tgt Ion: 105 Resp: 556174

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

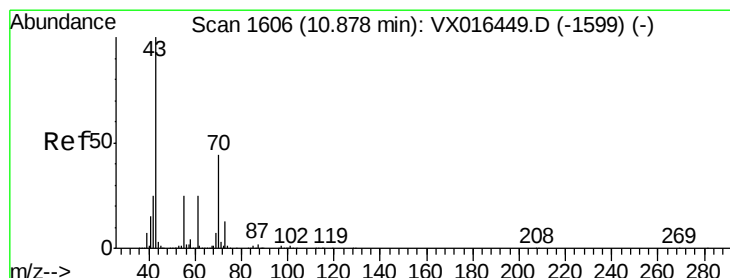
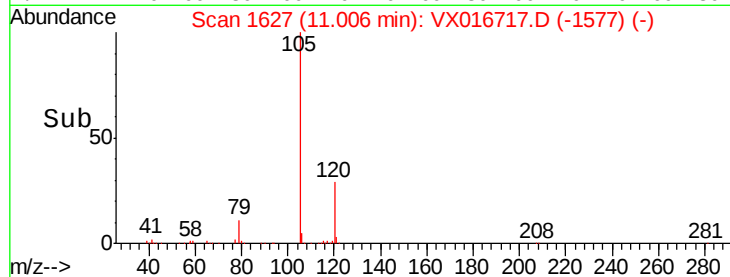
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 41.948 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Tgt Ion: 43 Resp: 226236

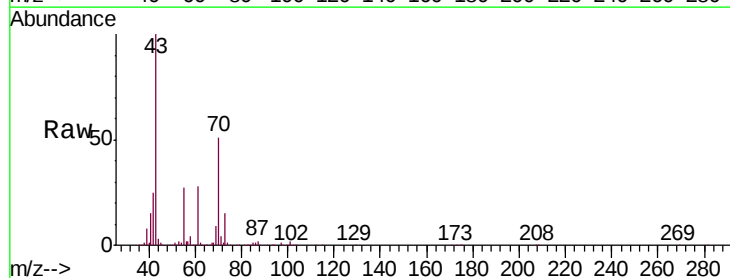
Ion Ratio Lower Upper

43 100

70 49.6 36.1 54.1

55 26.8 20.2 30.4

61 26.9 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

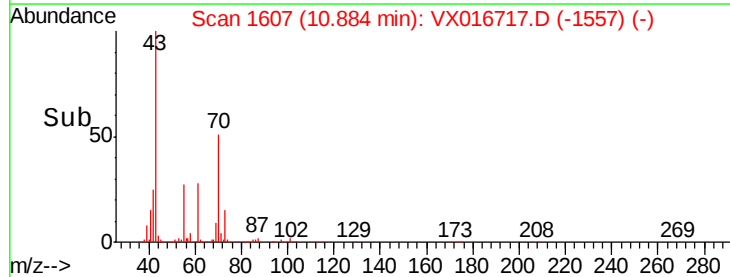
150000

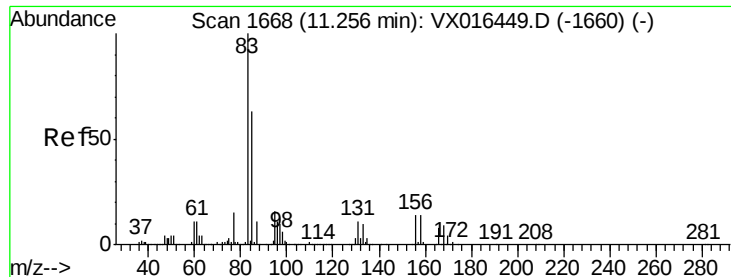
100000

50000

0

Time--> 10.80 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 60.507 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

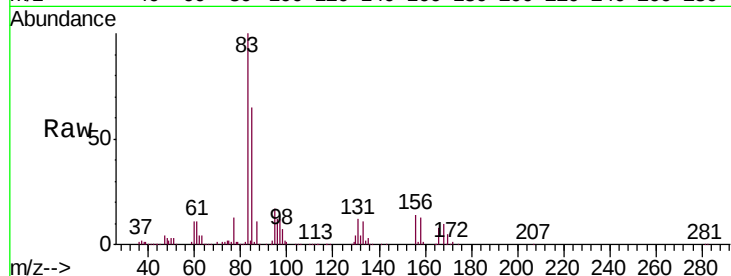
Tgt Ion: 83 Resp: 177804

Ion Ratio Lower Upper

83 100

131 11.3 5.1 15.3

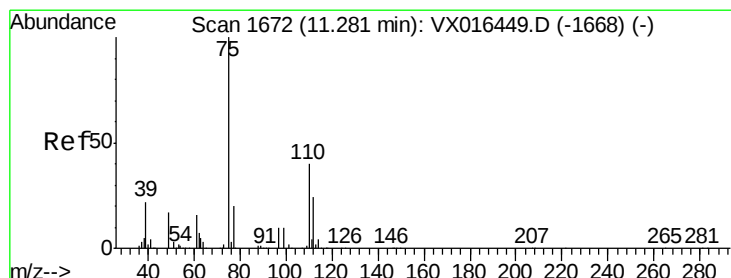
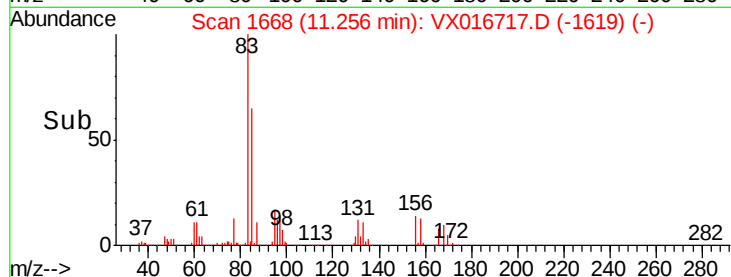
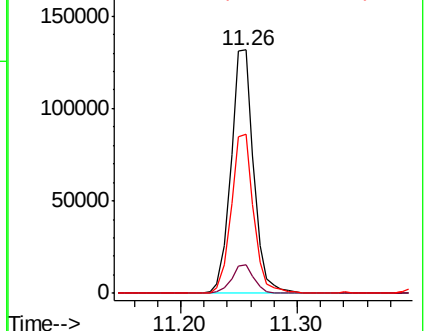
85 64.9 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.670 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016717.D

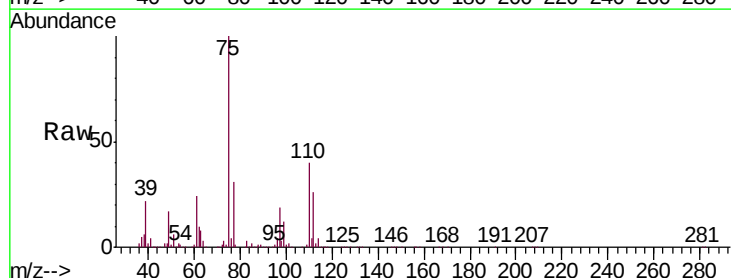
Acq: 11 Jun 2020 20:06

Tgt Ion: 75 Resp: 229389

Ion Ratio Lower Upper

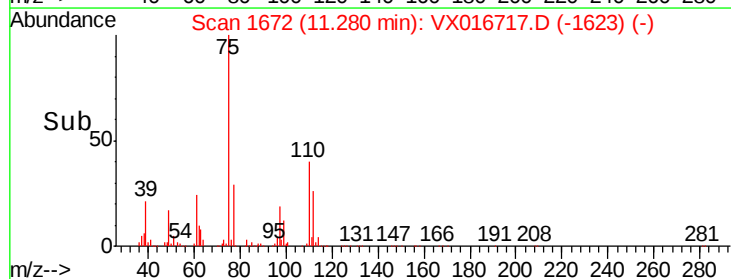
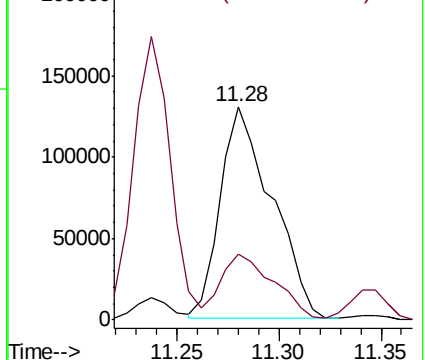
75 100

77 31.8 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.810 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

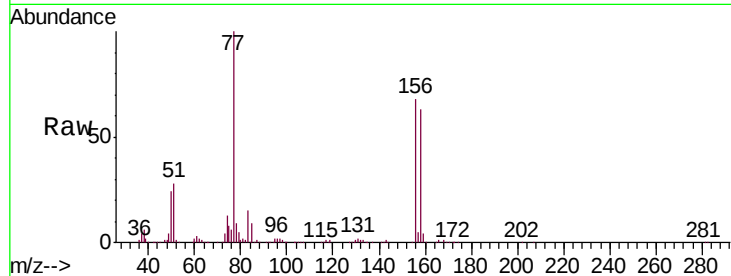
Tgt Ion:156 Resp: 150104

Ion Ratio Lower Upper

156 100

77 147.0 79.6 238.8

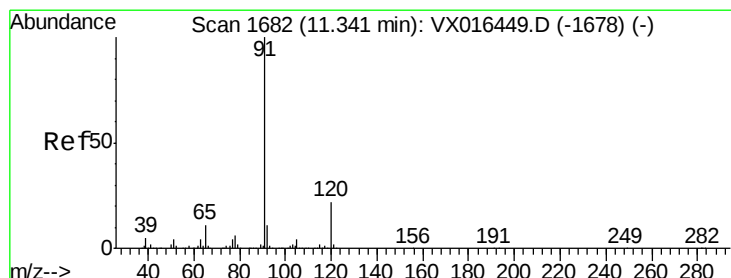
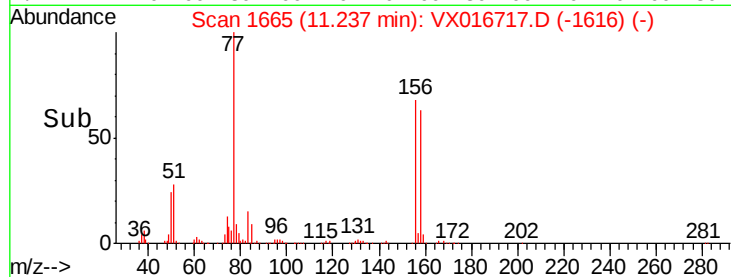
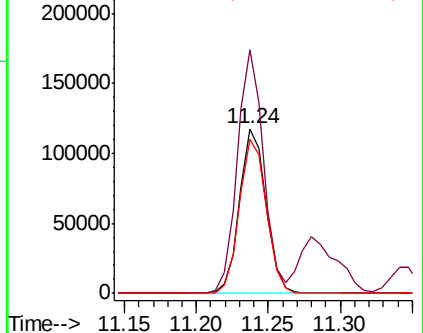
158 95.5 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.709 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016717.D

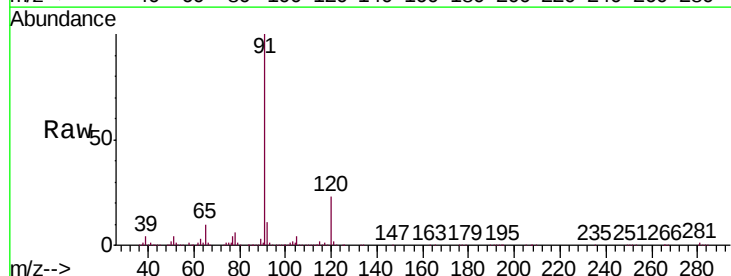
Acq: 11 Jun 2020 20:06

Tgt Ion: 91 Resp: 611864

Ion Ratio Lower Upper

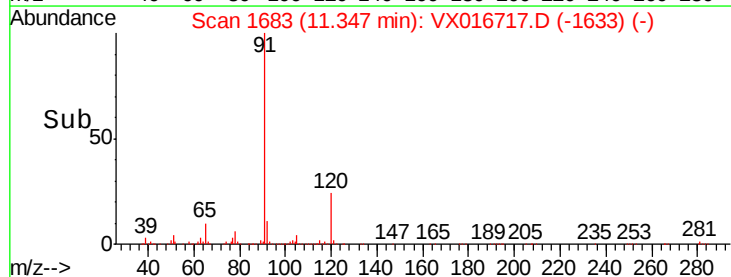
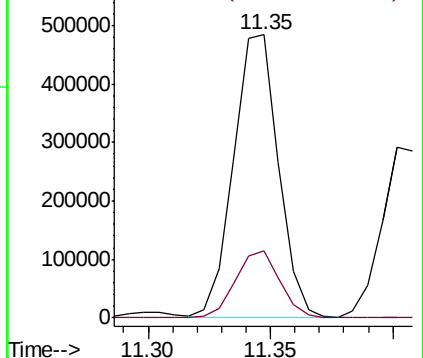
91 100

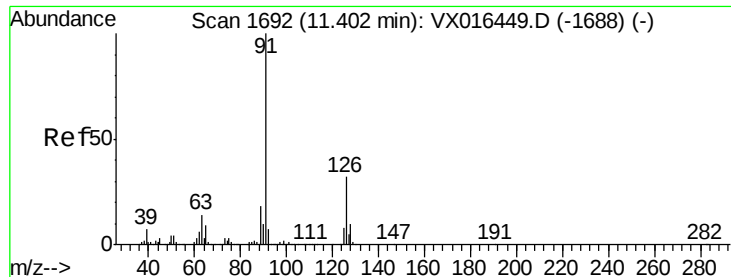
120 23.5 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.317 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

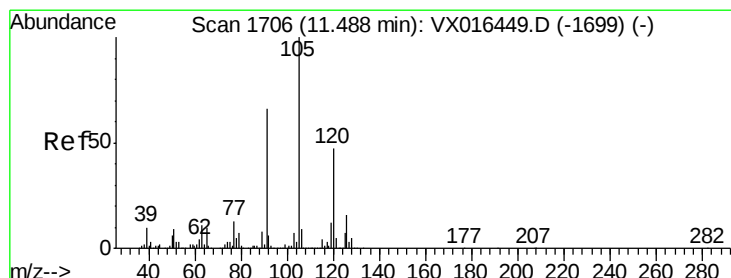
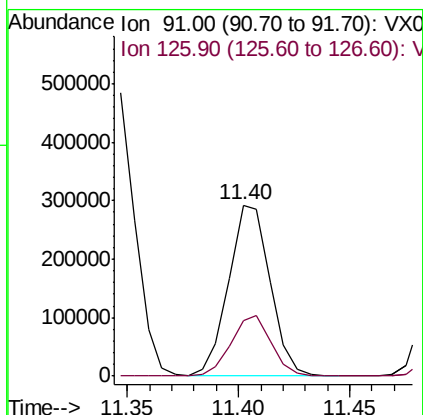
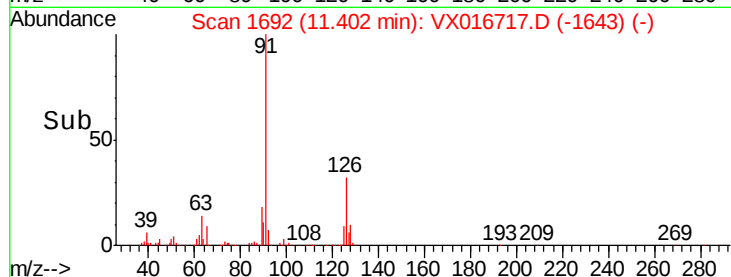
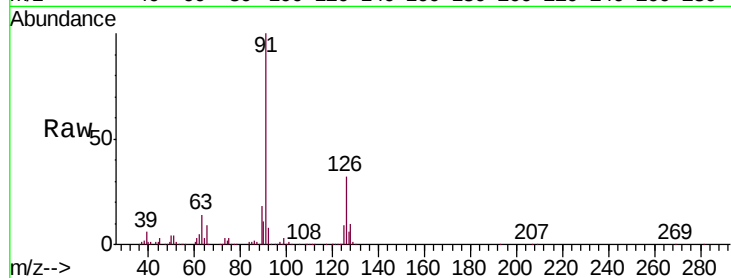
VSTDCCC050EC

Tgt Ion: 91 Resp: 378345

Ion Ratio Lower Upper

91 100

126 34.2 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 49.077 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016717.D

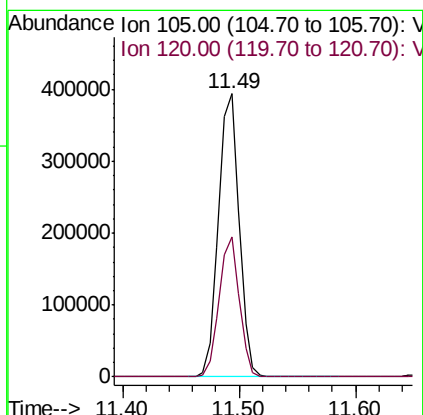
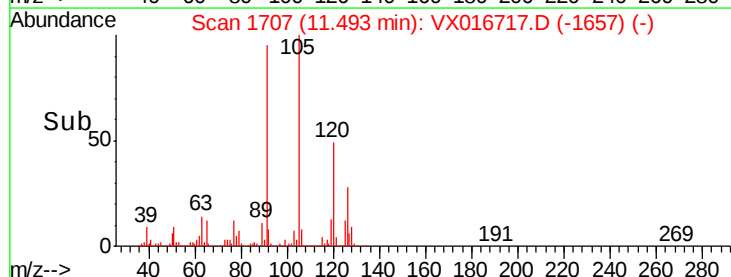
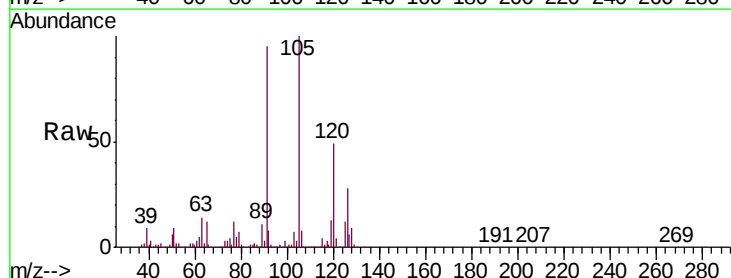
Acq: 11 Jun 2020 20:06

Tgt Ion: 105 Resp: 480477

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.274 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

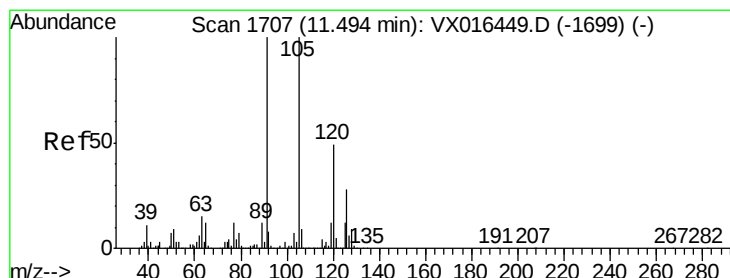
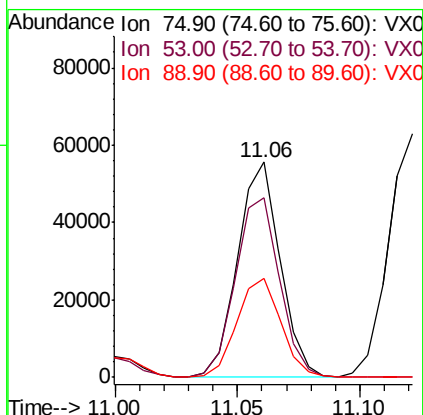
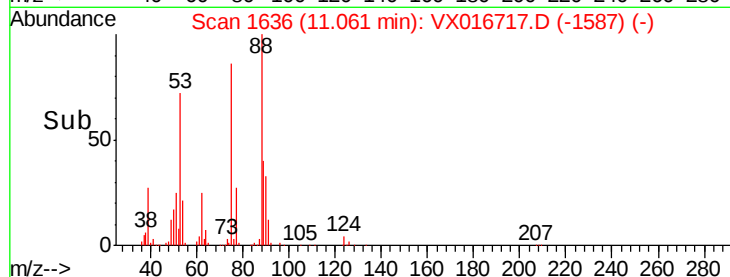
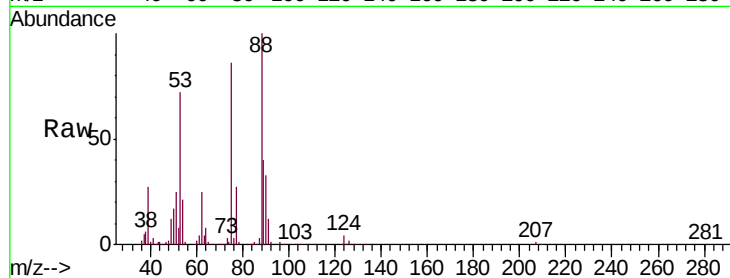
Tgt Ion: 75 Resp: 66948

Ion Ratio Lower Upper

75 100

53 86.9 71.3 106.9

89 47.8 36.6 55.0



#82

4-Chlorotoluene

Concen: 48.011 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016717.D

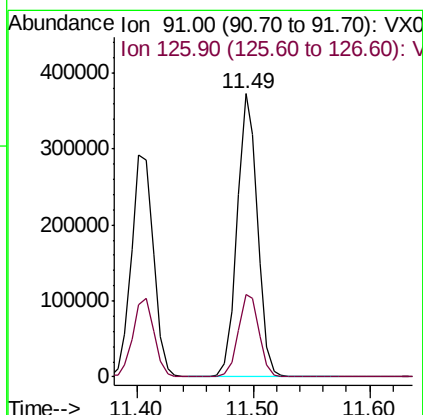
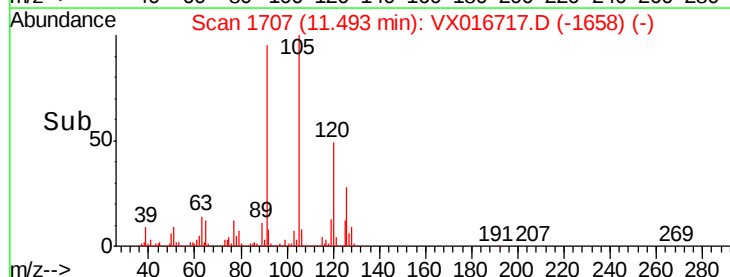
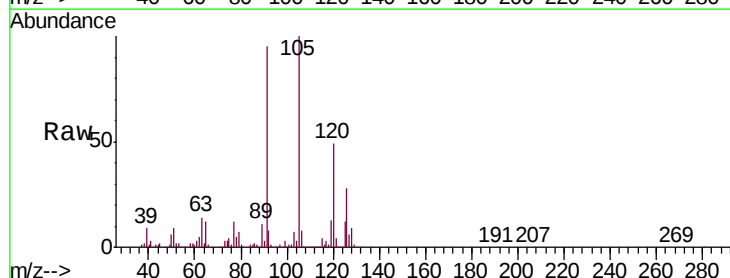
Acq: 11 Jun 2020 20:06

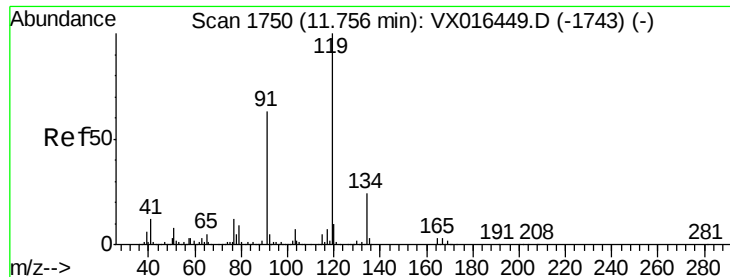
Tgt Ion: 91 Resp: 453336

Ion Ratio Lower Upper

91 100

126 29.9 14.7 44.1

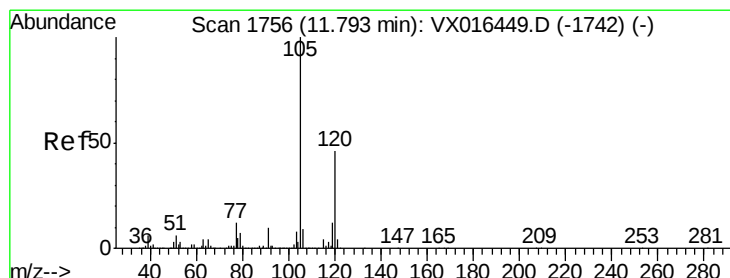
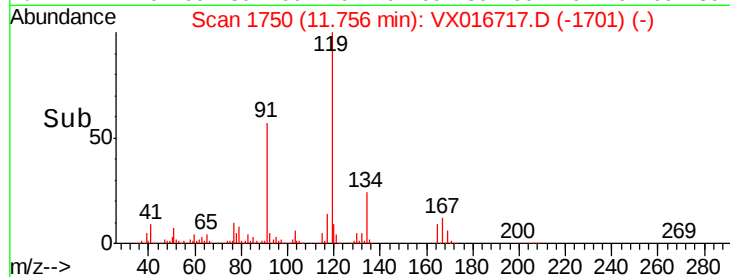
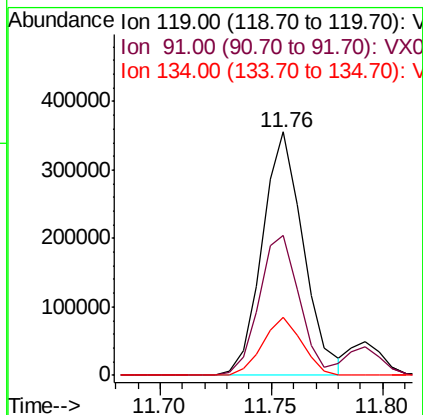
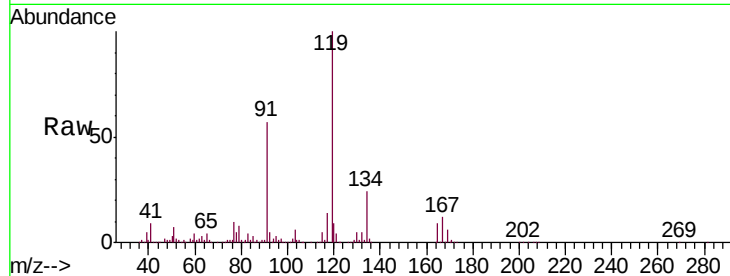




#83
 tert-Butylbenzene
 Concen: 54.391 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

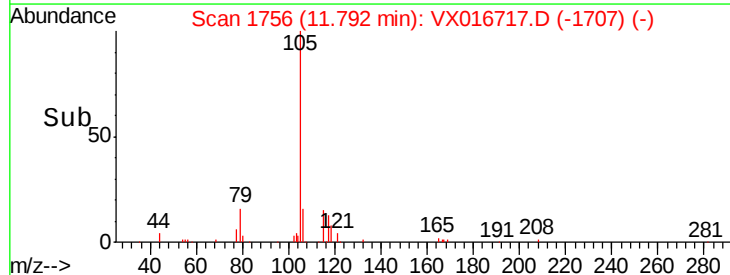
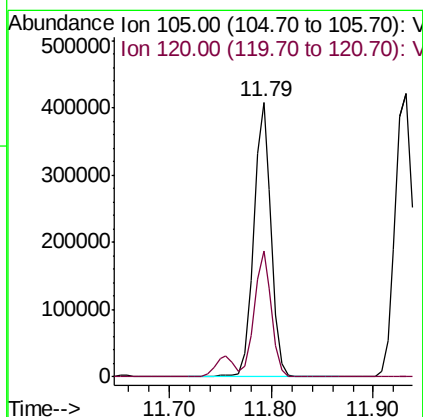
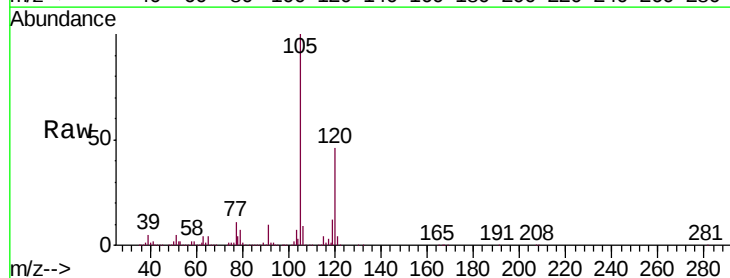
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 455006
 Ion Ratio Lower Upper
 119 100
 91 56.1 31.3 93.8
 134 23.0 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 48.923 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Tgt Ion:105 Resp: 484397
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.7

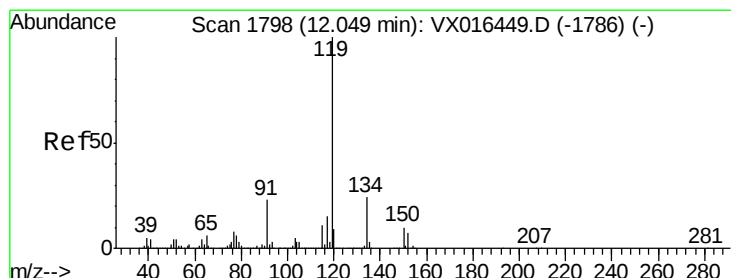
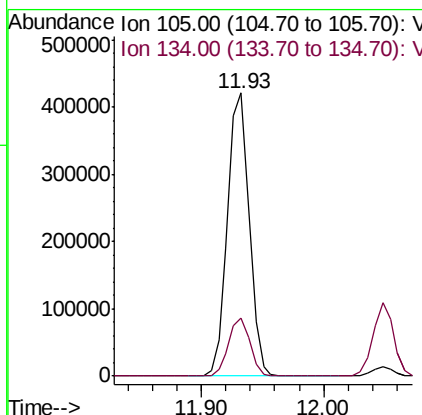
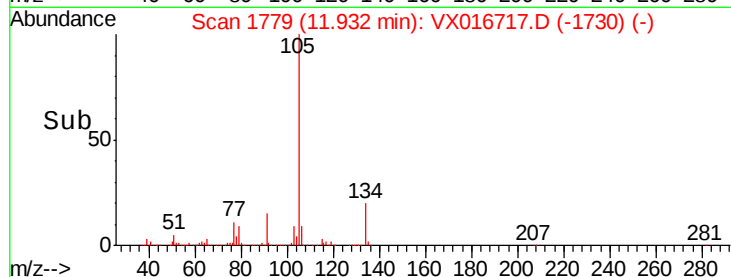
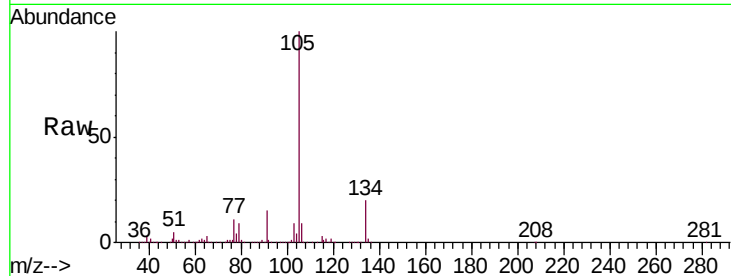




#85
 sec-Butylbenzene
 Concen: 49.120 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

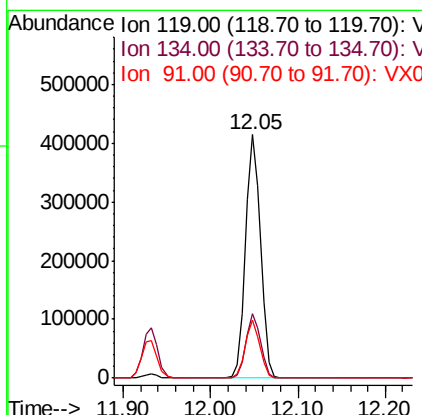
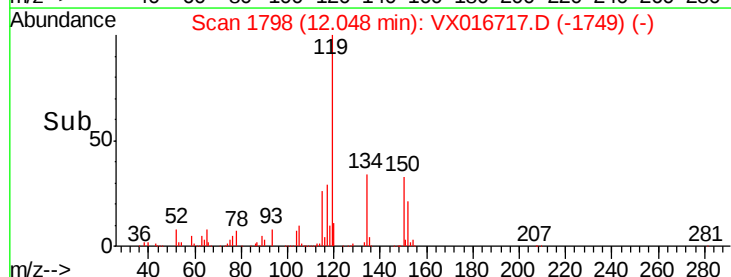
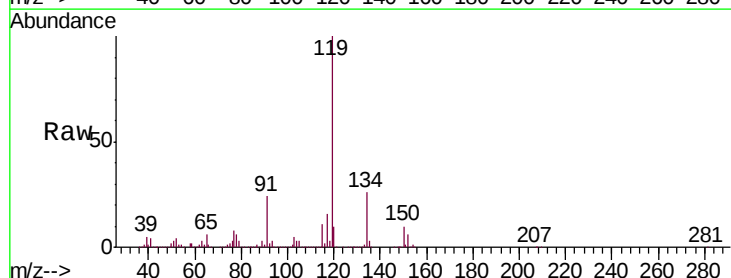
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

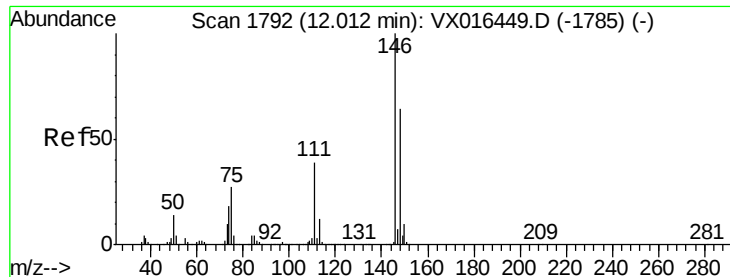
Tgt Ion:105 Resp: 515471
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 50.203 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Tgt Ion:119 Resp: 493508
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.7 38.0
 91 23.1 11.7 35.0

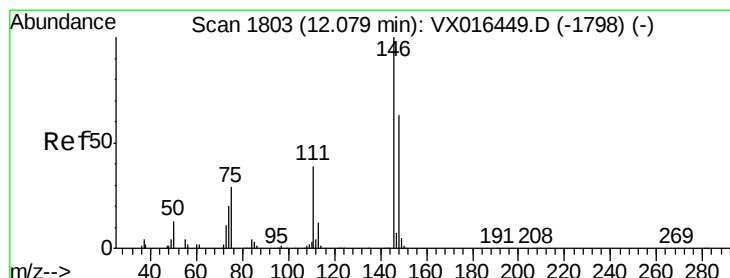
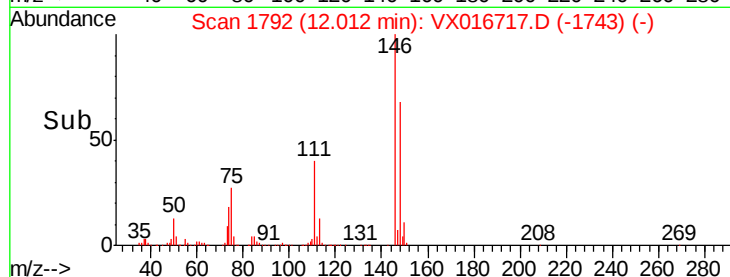
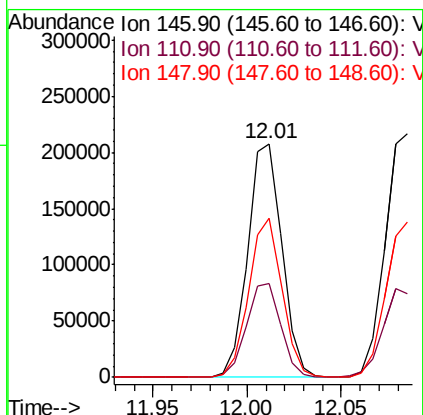
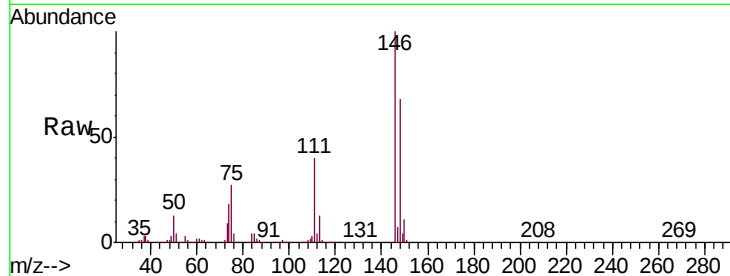




#87
 1,3-Dichlorobenzene
 Concen: 49.147 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

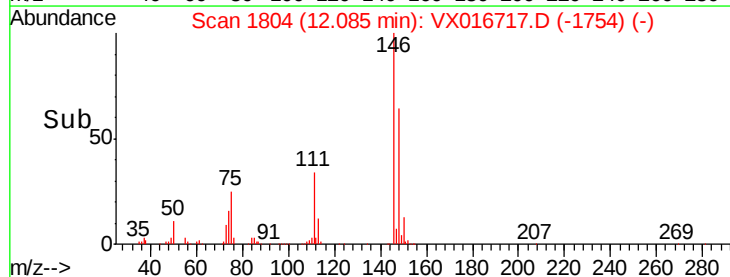
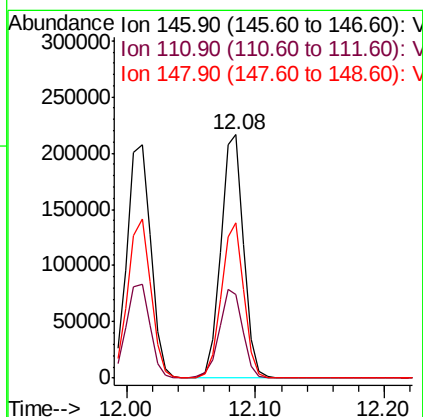
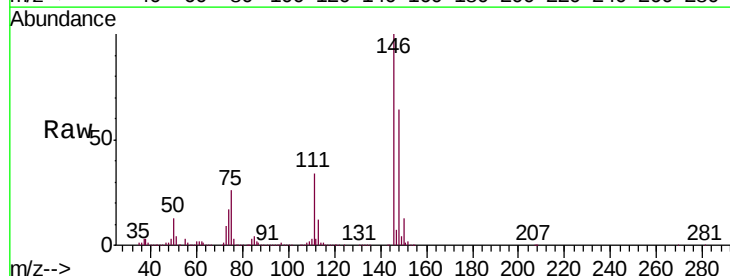
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

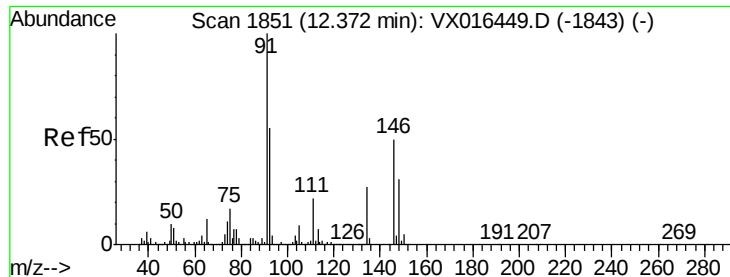
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.0	60.0
148	66.3	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 49.509 ug/l
 RT: 12.08 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.4	58.2
148	63.2	31.4	94.3

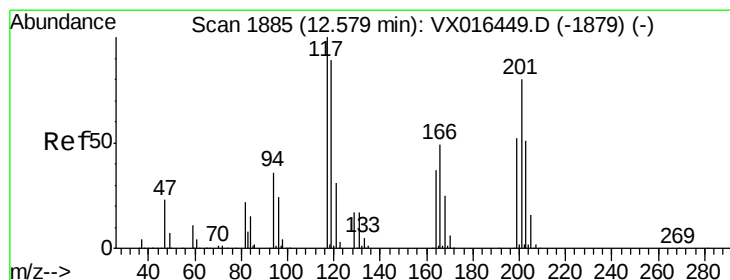
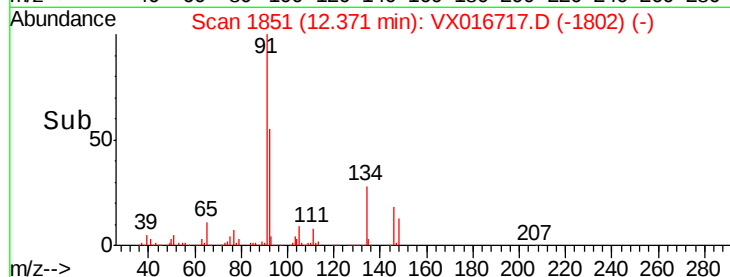
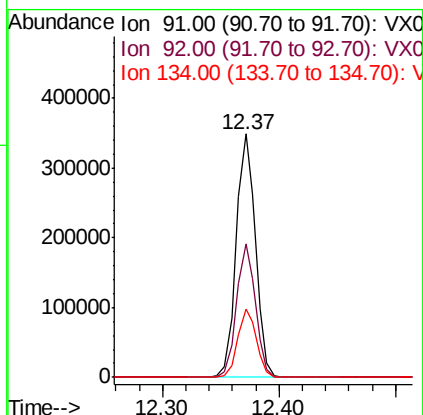
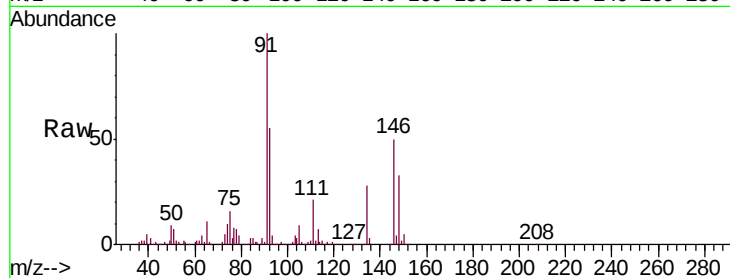




#89
n-Butylbenzene
Concen: 48.998 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

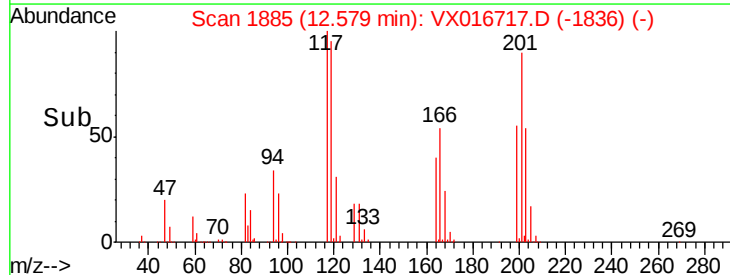
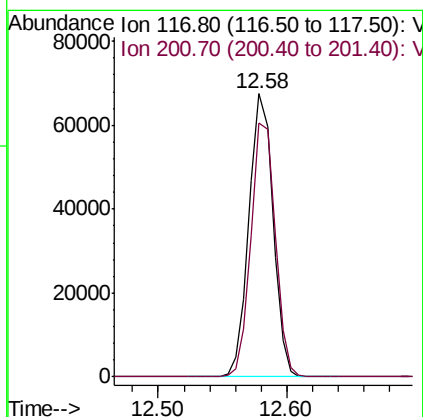
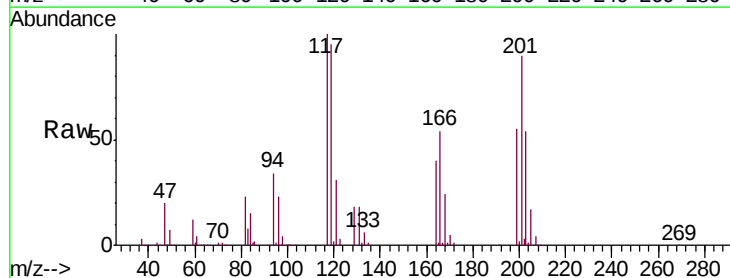
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

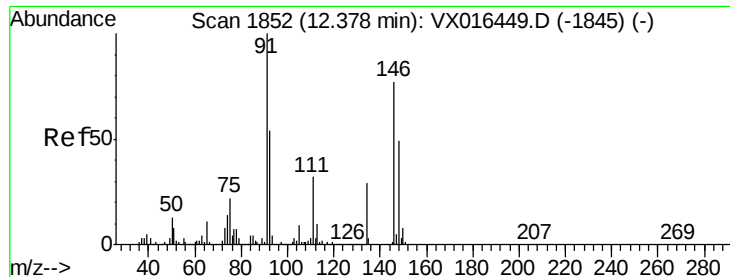
Tgt Ion: 91 Resp: 401193
Ion Ratio Lower Upper
91 100
92 53.6 27.2 81.5
134 27.4 13.1 39.3



#90
Hexachloroethane
Concen: 50.882 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion: 117 Resp: 86396
Ion Ratio Lower Upper
117 100
201 90.6 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 49.002 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

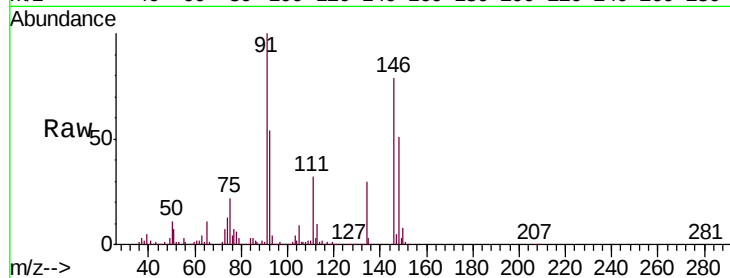
Tgt Ion:146 Resp: 252944

Ion Ratio Lower Upper

146 100

111 41.4 21.4 64.3

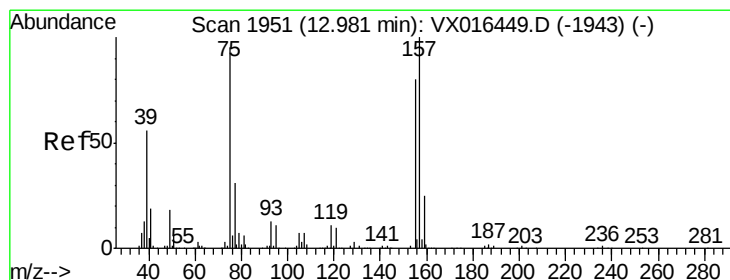
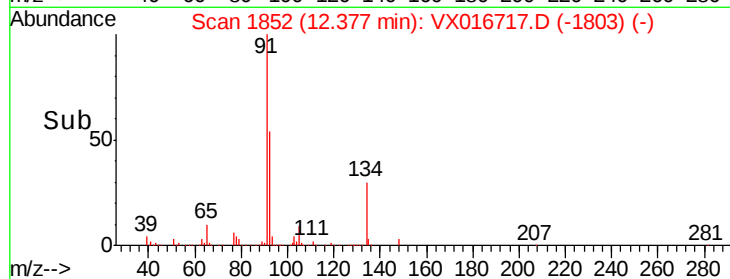
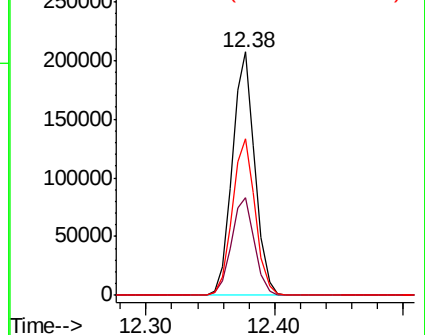
148 65.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.795 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

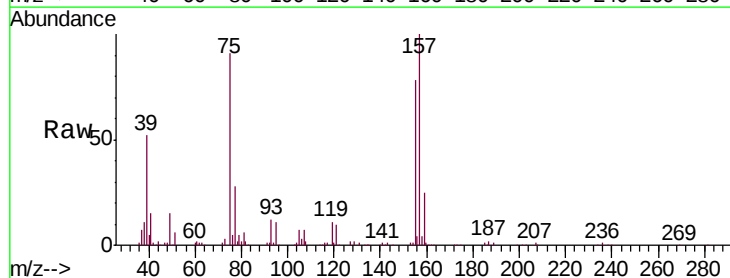
Tgt Ion: 75 Resp: 46444

Ion Ratio Lower Upper

75 100

155 92.6 44.1 132.4

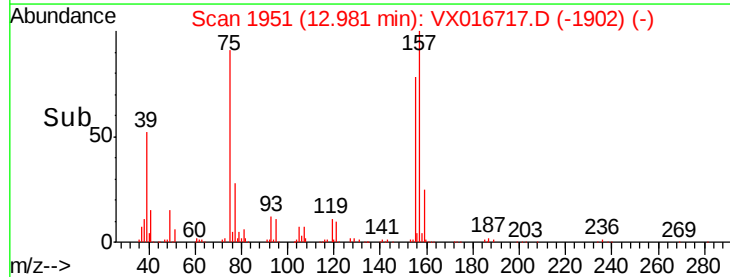
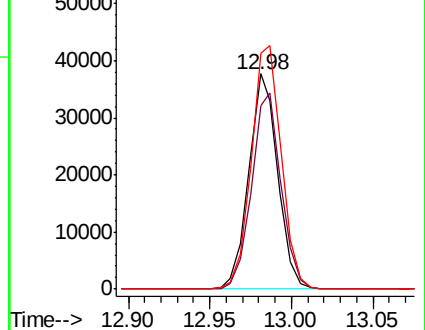
157 117.7 57.8 173.3

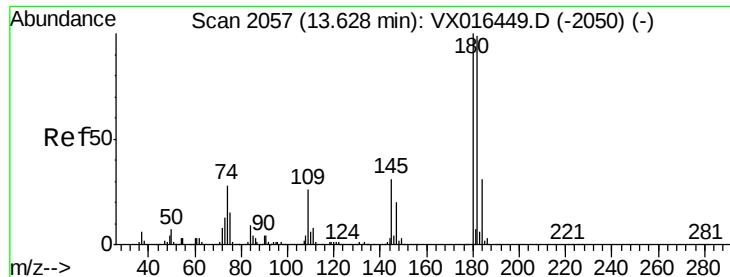


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

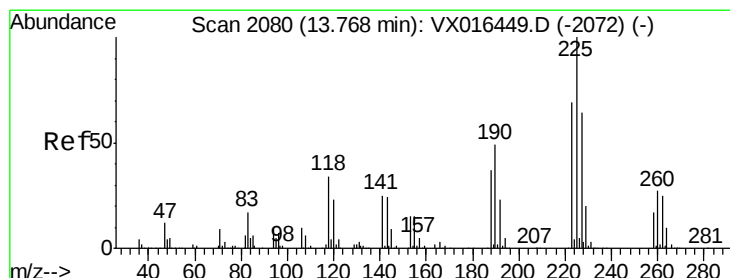
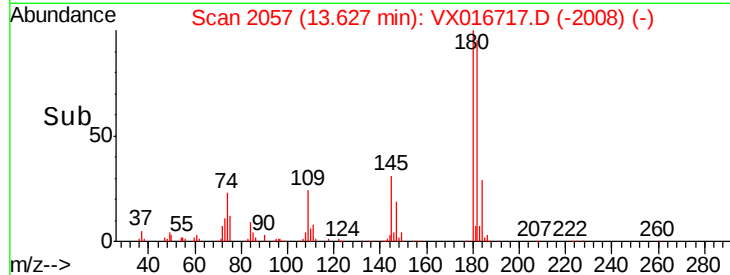
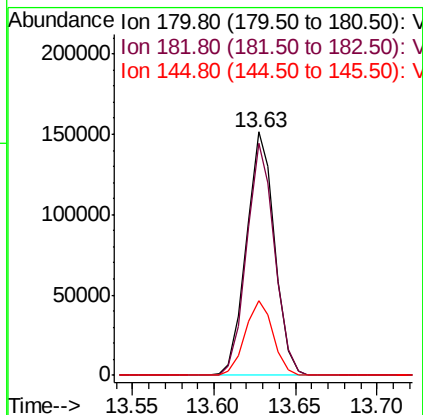
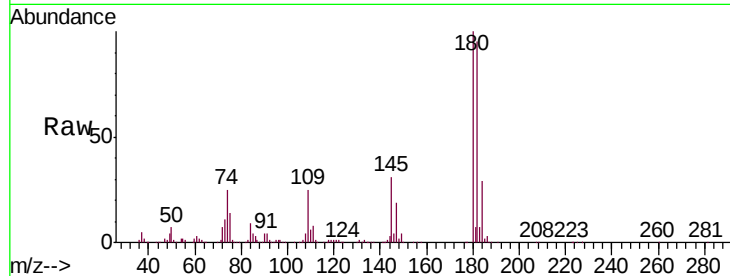




#93
 1,2,4-Trichlorobenzene
 Concen: 53.201 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

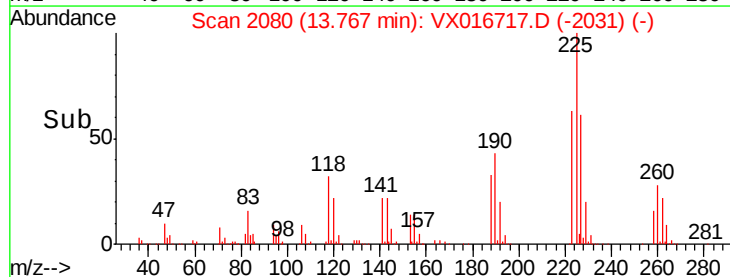
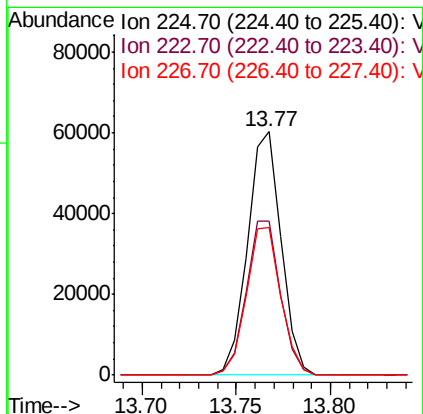
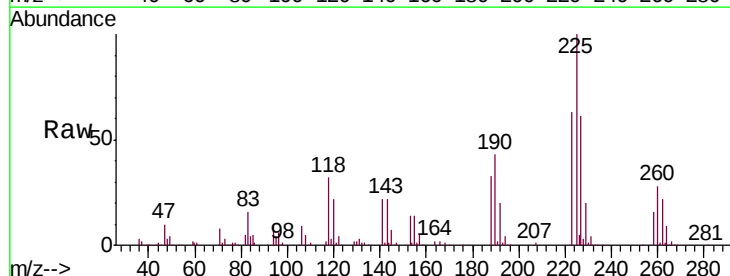
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

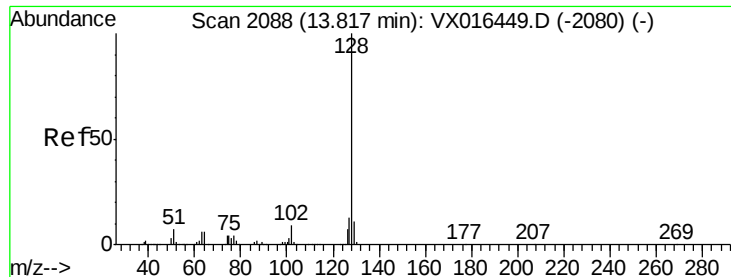
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.3	144.8
145	30.5	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 55.148 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	32.3	96.8
227	62.3	31.6	94.7

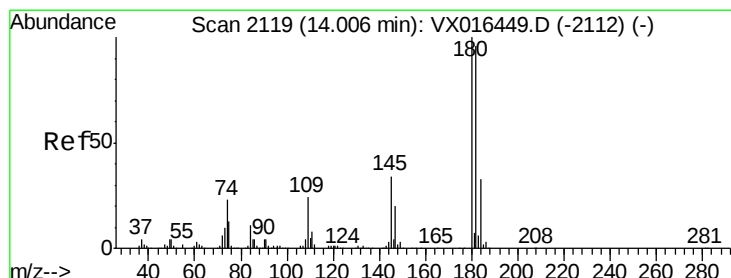
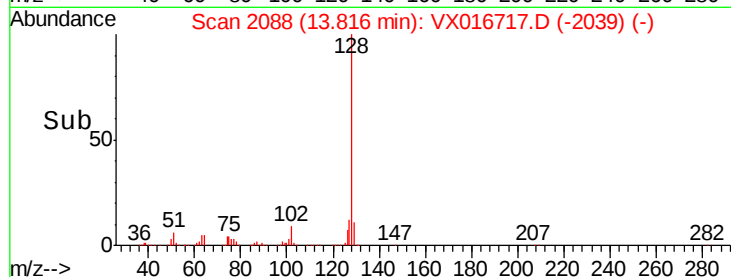
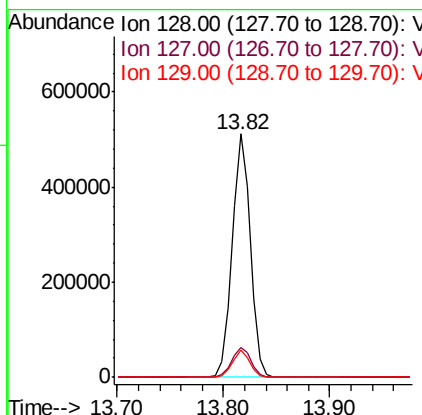
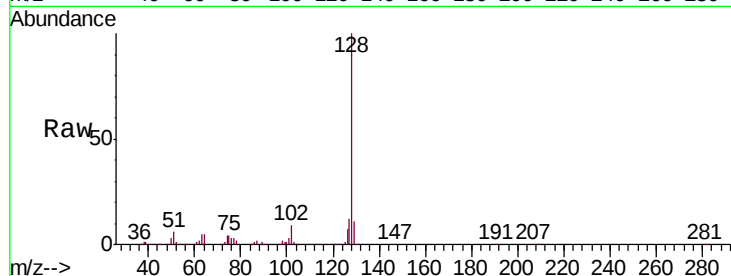




#95
Naphthalene
Concen: 52.074 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 611996
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.659 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion:180 Resp: 180219
Ion Ratio Lower Upper
180 100
182 96.1 48.6 145.8
145 32.4 16.6 49.8

