

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
 Data File : VX016267.D
 Acq On : 15 May 2020 05:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 15 06:48:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	203252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	368664	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	357754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	180573	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	151929	56.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.60%	
35) Dibromofluoromethane	5.47	113	119442	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
50) Toluene-d8	8.70	98	447051	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.12	95	177962	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	83312	38.73	ug/l	98
3) Chloromethane	1.31	50	129557	51.85	ug/l	98
4) Vinyl Chloride	1.39	62	123418	46.30	ug/l	100
5) Bromomethane	1.62	94	61661	45.88	ug/l	96
6) Chloroethane	1.70	64	81618	50.32	ug/l	100
7) Trichlorofluoromethane	1.91	101	140910	40.27	ug/l	99
8) Diethyl Ether	2.17	74	83121	56.37	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	73545	36.43	ug/l	97
10) Methyl Iodide	2.49	142	113556	41.87	ug/l	98
11) Tert butyl alcohol	3.02	59	194316	287.31	ug/l	100
12) 1,1-Dichloroethene	2.36	96	95310	45.11	ug/l	98
13) Acrolein	2.27	56	135913	321.13	ug/l	99
14) Allyl chloride	2.70	41	193143	49.86	ug/l	95
15) Acrylonitrile	3.12	53	422561	301.17	ug/l	99
16) Acetone	2.42	43	342250	286.79	ug/l	97
17) Carbon Disulfide	2.55	76	266444	41.96	ug/l	98
18) Methyl Acetate	2.75	43	194556	66.31	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	439195	60.30	ug/l	99
20) Methylene Chloride	2.84	84	133988	54.46	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	116189	49.35	ug/l	99
22) Diisopropyl ether	3.82	45	416666	57.01	ug/l	97
23) Vinyl Acetate	3.79	43	1841040	286.33	ug/l	98
24) 1,1-Dichloroethane	3.67	63	226180	55.32	ug/l	99
25) 2-Butanone	4.64	43	583660	303.51	ug/l	98
26) 2,2-Dichloropropane	4.55	77	125142	33.52	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	142774	55.47	ug/l	94
28) Bromochloromethane	4.98	49	110932	59.51	ug/l	97
29) Tetrahydrofuran	5.09	42	382182	299.94	ug/l	98
30) Chloroform	5.18	83	231507	56.87	ug/l	99
31) Cyclohexane	5.55	56	142683	38.40	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	185569	50.15	ug/l	98
36) 1,1-Dichloropropene	5.77	75	146751	40.44	ug/l	99
37) Ethyl Acetate	4.79	43	217102	51.62	ug/l	99
38) Carbon Tetrachloride	5.76	117	154062	41.77	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	137324	31.42	ug/l	99
40) Benzene	6.12	78	515602	48.56	ug/l	100
41) Methacrylonitrile	5.01	41	116887	51.46	ug/l	97
42) 1,2-Dichloroethane	6.17	62	189590	49.57	ug/l	99
43) Isopropyl Acetate	6.42	43	344797	51.38	ug/l	98
44) Trichloroethene	7.19	130	156045	41.37	ug/l	99
45) 1,2-Dichloropropane	7.49	63	138745	51.64	ug/l	99
46) Dibromomethane	7.64	93	92922	50.89	ug/l	100
47) Bromodichloromethane	7.88	83	193425	52.02	ug/l	97
48) Methyl methacrylate	7.74	41	163381	51.38	ug/l	95
49) 1,4-Dioxane	7.72	88	74689	979.32	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1118776	272.43	ug/l	98
52) Toluene	8.77	92	321814	48.62	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	210657	47.51	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	221319	47.79	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	140487	53.95	ug/l	99
56) Ethyl methacrylate	9.16	69	235046	55.30	ug/l	94
57) 1,3-Dichloropropane	9.35	76	241319	53.11	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	624450	275.96	ug/l	100
59) 2-Hexanone	9.48	43	866316	268.62	ug/l	97
60) Dibromochloromethane	9.57	129	156097	54.43	ug/l	100
61) 1,2-Dibromoethane	9.65	107	148949	52.81	ug/l	99
64) Tetrachloroethene	9.32	164	175008	39.85	ug/l	98
65) Chlorobenzene	10.12	112	349077	46.60	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	137658	49.72	ug/l	100
67) Ethyl Benzene	10.24	91	598222	44.76	ug/l	99
68) m/p-Xylenes	10.34	106	457808	91.42	ug/l	100
69) o-Xylene	10.68	106	226451	47.04	ug/l	99
70) Styrene	10.70	104	401939	49.22	ug/l	99
71) Bromoform	10.84	173	123250	54.64	ug/l #	98
73) Isopropylbenzene	11.00	105	562926	42.86	ug/l	99
74) N-amyl acetate	10.88	43	295772	48.28	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	174138	65.04	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	267240	65.22	ug/l	84
77) Bromobenzene	11.24	156	158237	46.68	ug/l	99
78) n-propylbenzene	11.35	91	634560	41.53	ug/l	99
79) 2-Chlorotoluene	11.40	91	407500	45.18	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	491184	44.29	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	76632	44.57	ug/l	96
82) 4-Chlorotoluene	11.49	91	480732	45.14	ug/l	100
83) tert-Butylbenzene	11.76	119	421618	44.12	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	508133	45.32	ug/l	99
85) sec-Butylbenzene	11.93	105	516533	40.03	ug/l	99
86) p-Isopropyltoluene	12.05	119	492495	41.11	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	273205	44.88	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	274228	44.39	ug/l	99
89) n-Butylbenzene	12.37	91	413527	37.78	ug/l	100
90) Hexachloroethane	12.58	117	88410	42.97	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	270667	46.18	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53545	49.58	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	186842	43.06	ug/l	96
94) Hexachlorobutadiene	13.77	225	65816	35.38	ug/l	99
95) Naphthalene	13.82	128	678714	48.30	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	188166	44.37	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

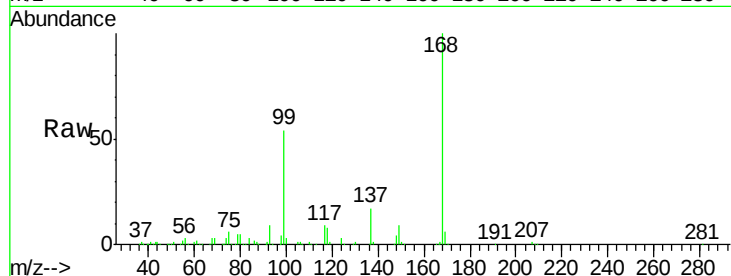
VSTDCCC050EC

Tgt Ion:168 Resp: 203252

Ion Ratio Lower Upper

168 100

99 54.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

60000

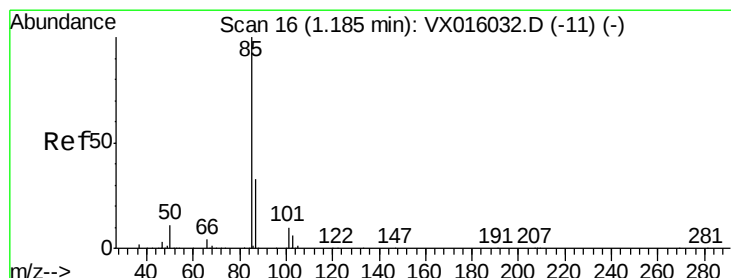
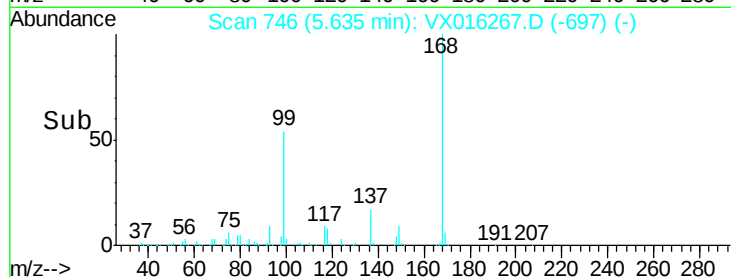
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 38.73 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016267.D

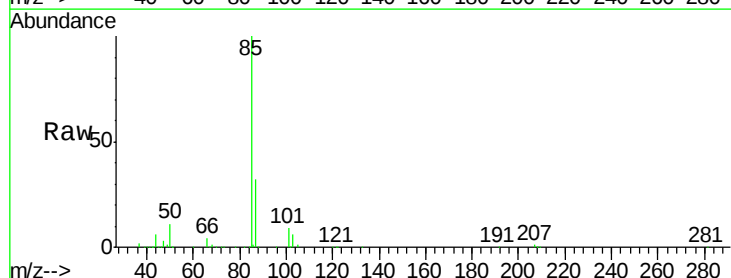
Acq: 15 May 2020 05:59

Tgt Ion: 85 Resp: 83312

Ion Ratio Lower Upper

85 100

87 31.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

100000

80000

60000

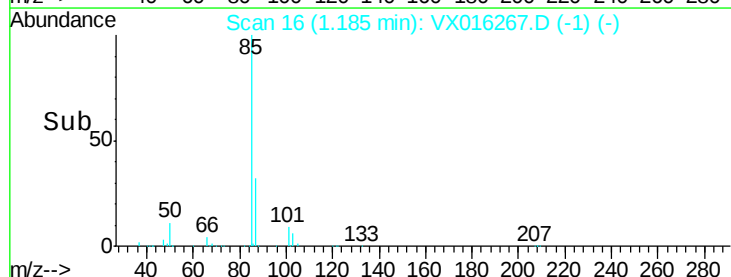
40000

20000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 51.85 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

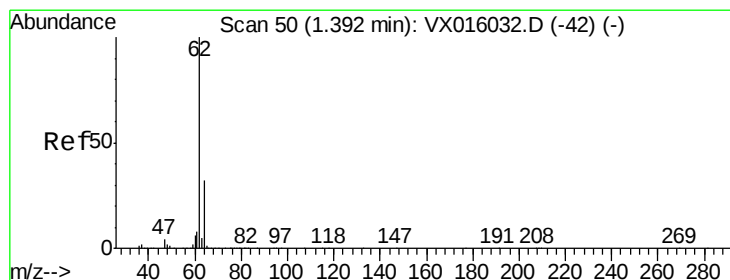
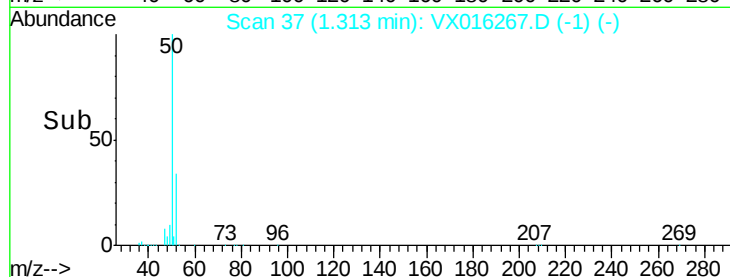
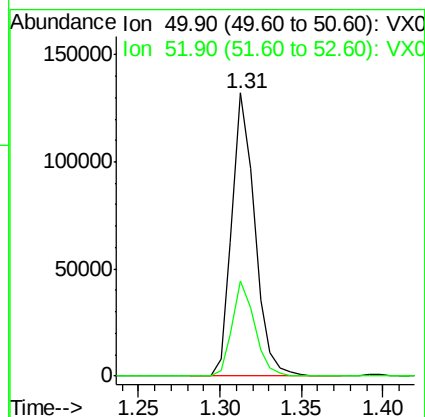
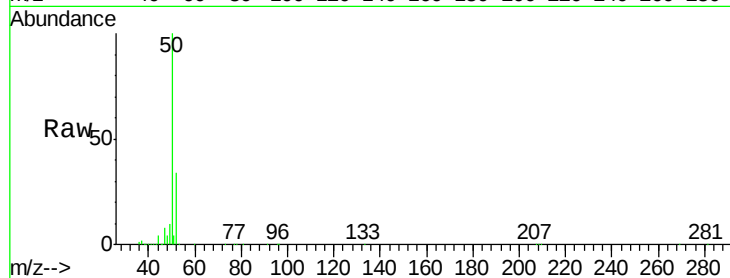
VSTDCCC050EC

Tgt Ion: 50 Resp: 129557

Ion Ratio Lower Upper

50 100

52 33.8 26.1 39.1



#4

Vinyl Chloride

Concen: 46.30 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016267.D

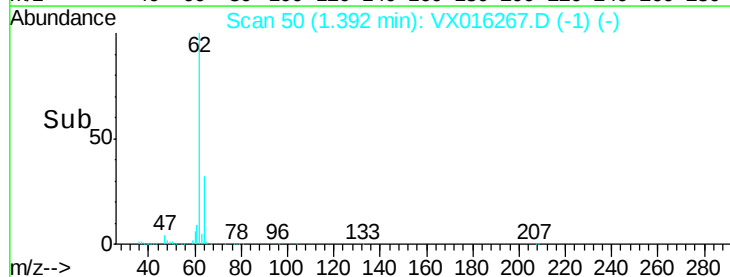
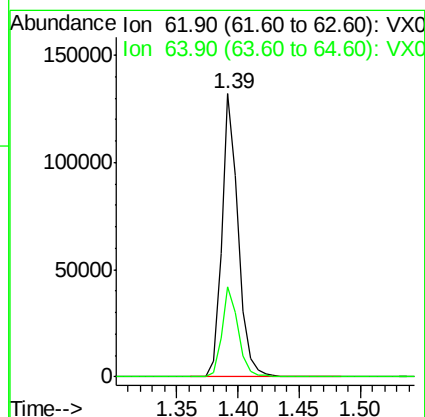
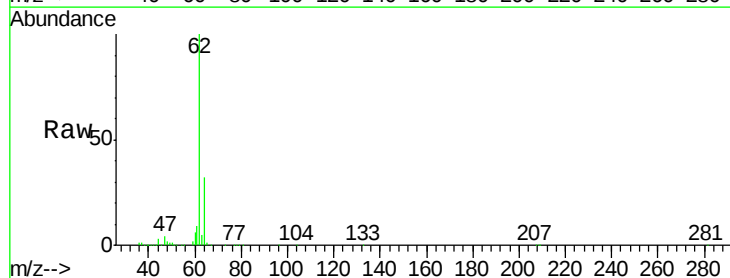
Acq: 15 May 2020 05:59

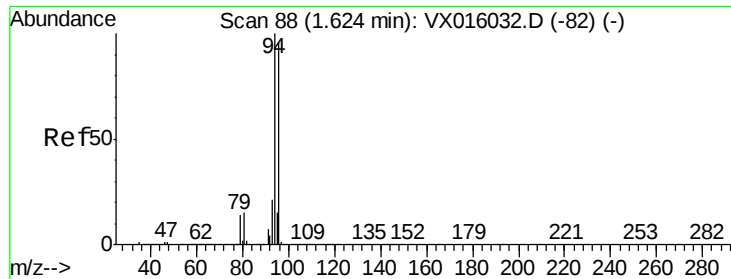
Tgt Ion: 62 Resp: 123418

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 45.88 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

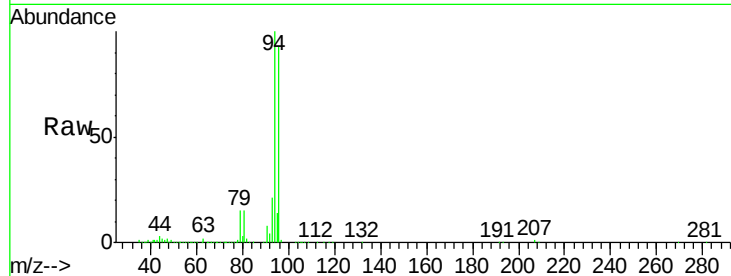
VSTDCCC050EC

Tgt Ion: 94 Resp: 61661

Ion Ratio Lower Upper

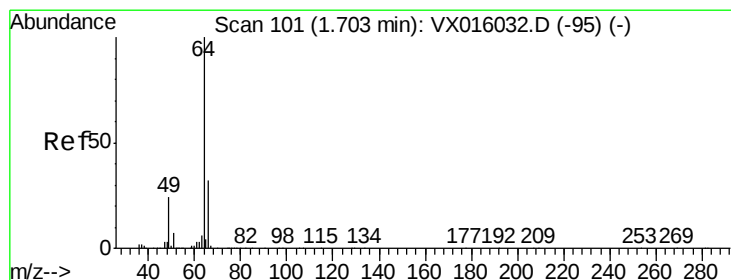
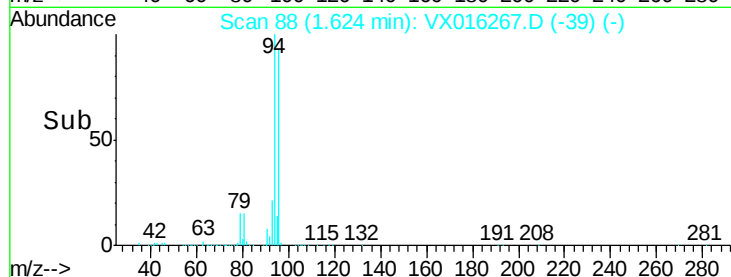
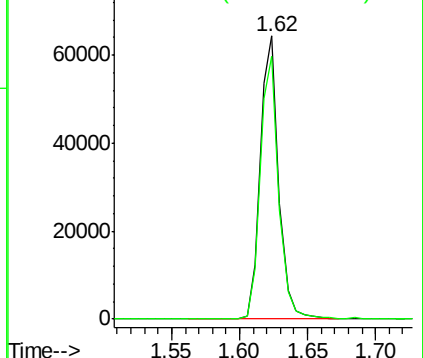
94 100

96 92.5 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.32 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016267.D

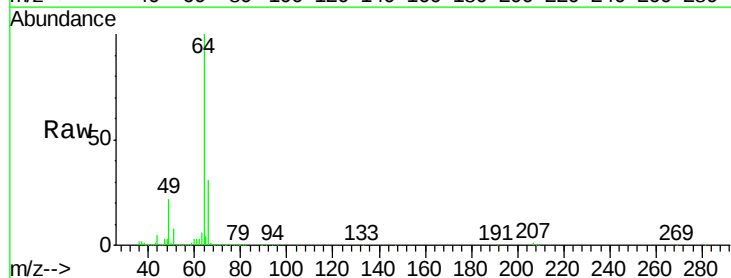
Acq: 15 May 2020 05:59

Tgt Ion: 64 Resp: 81618

Ion Ratio Lower Upper

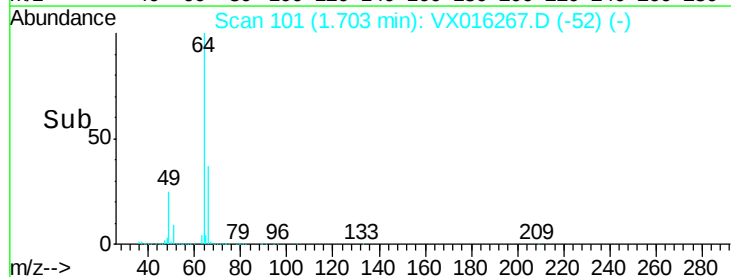
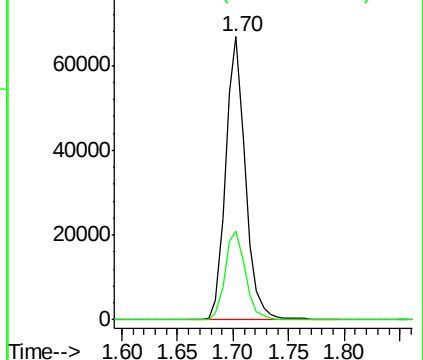
64 100

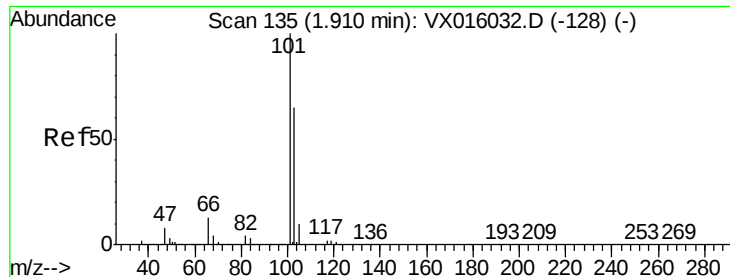
66 31.5 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 40.27 ug/l

RT: 1.91 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

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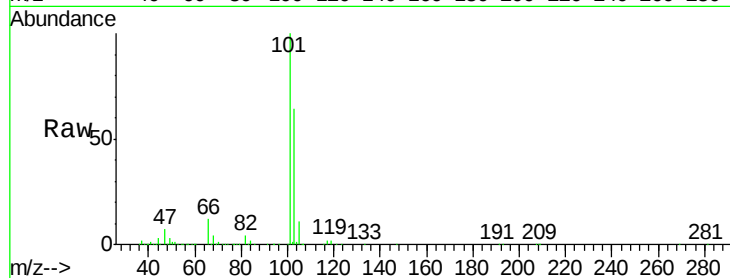
VSTDCCC050EC

Tgt Ion:101 Resp: 140910

Ion Ratio Lower Upper

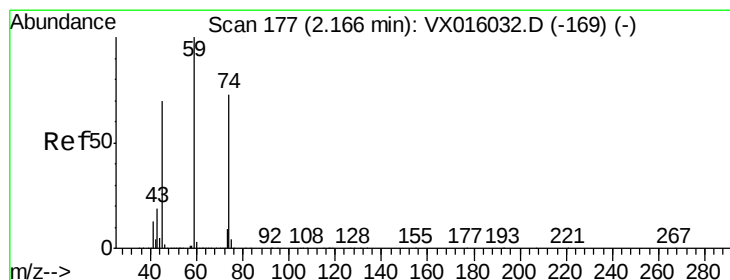
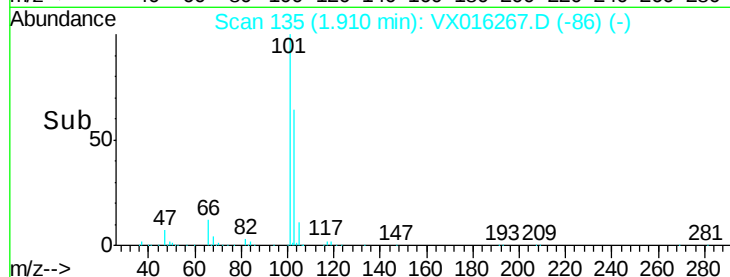
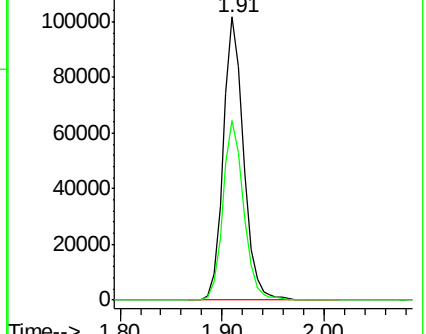
101 100

103 63.5 51.8 77.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 56.37 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX016267.D

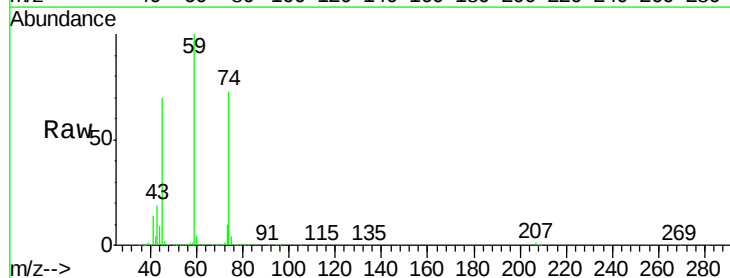
Acq: 15 May 2020 05:59

Tgt Ion: 74 Resp: 83121

Ion Ratio Lower Upper

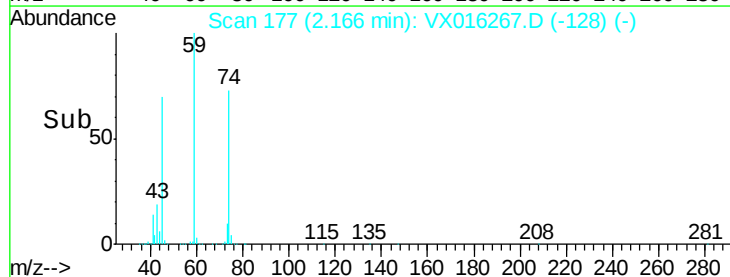
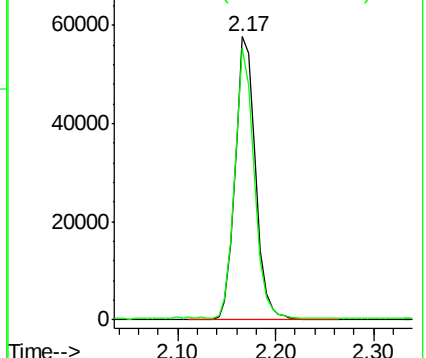
74 100

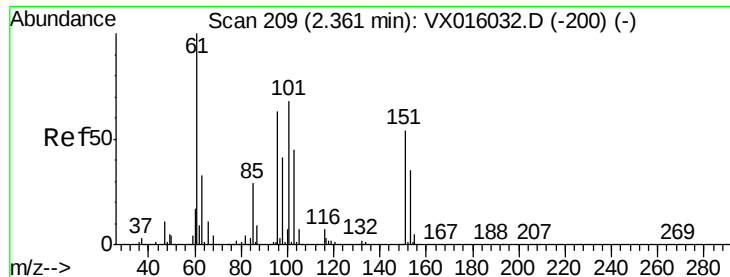
45 91.7 47.3 142.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 36.43 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

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ClientSampleId :

VSTDCCC050EC

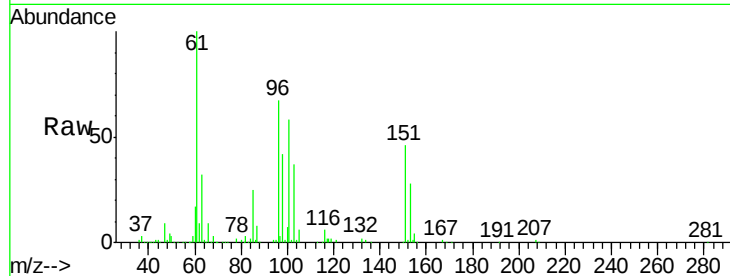
Tgt Ion:101 Resp: 73545

Ion Ratio Lower Upper

101 100

85 44.0 34.2 51.4

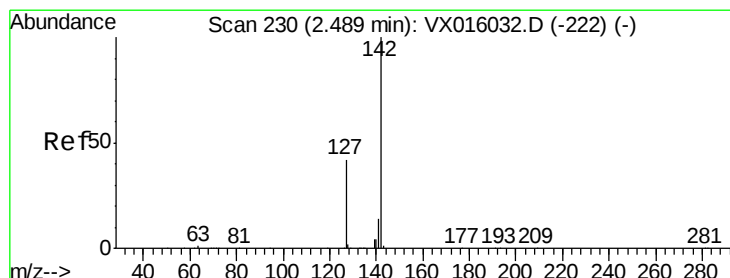
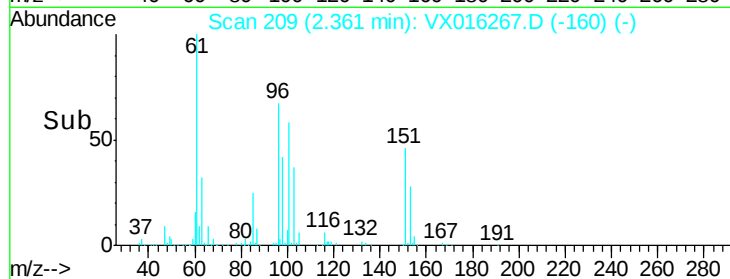
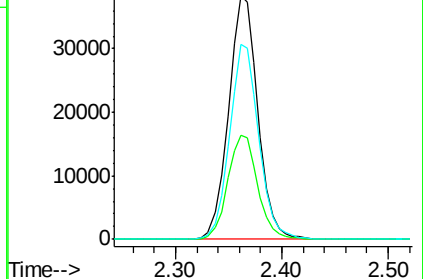
151 80.2 62.1 93.1



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: 41.87 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

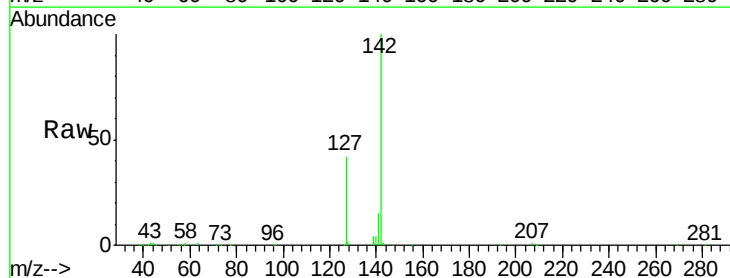
Tgt Ion:142 Resp: 113556

Ion Ratio Lower Upper

142 100

127 41.8 34.6 52.0

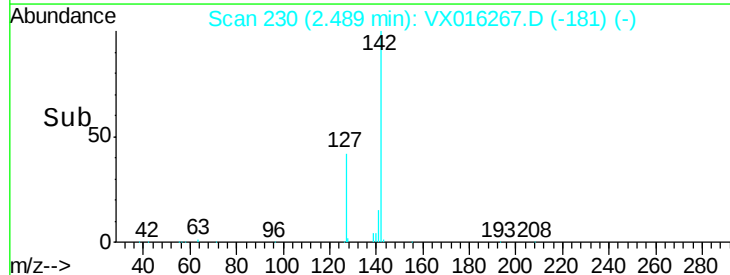
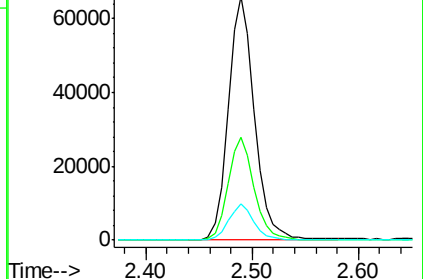
141 14.2 11.3 16.9

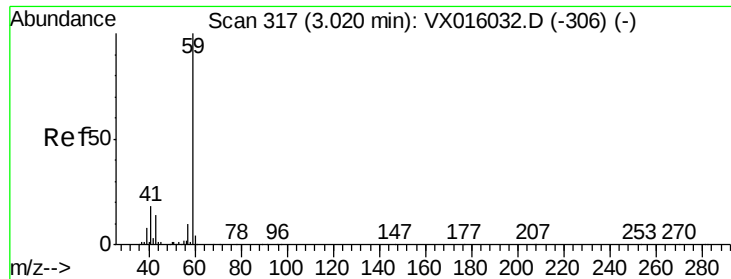


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



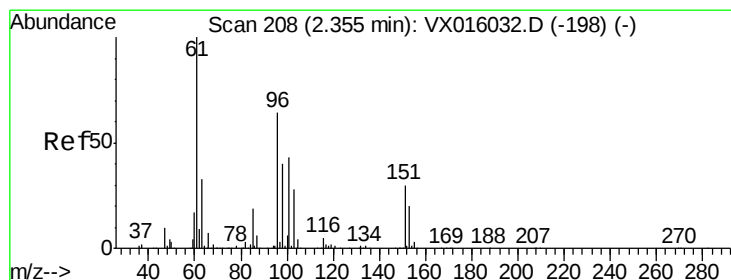
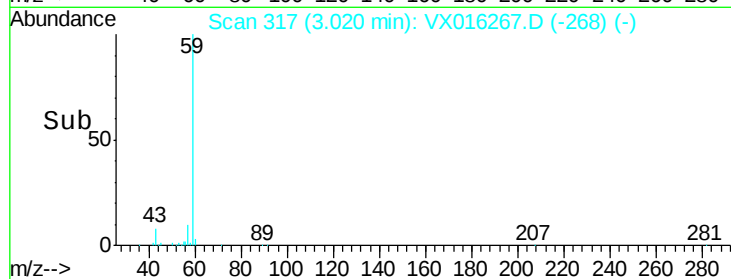
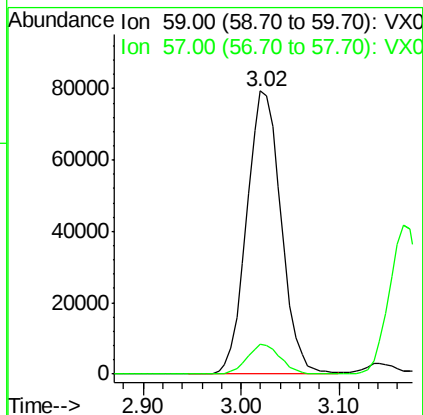
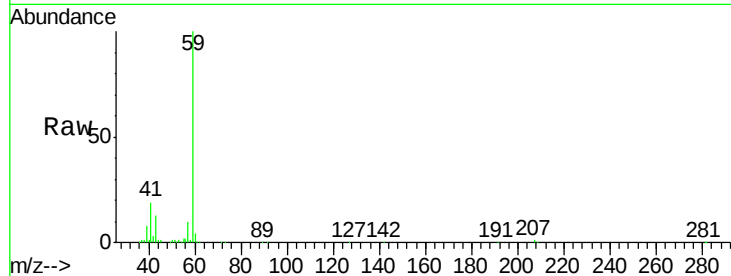


#11

Tert butyl alcohol
 Concen: 287.31 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016267.D
 Acq: 15 May 2020 05:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

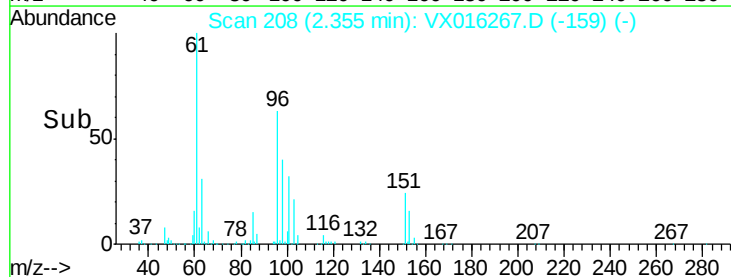
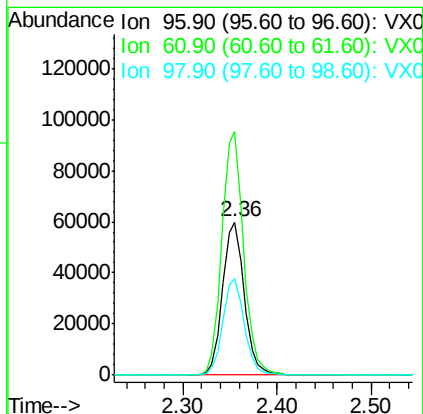
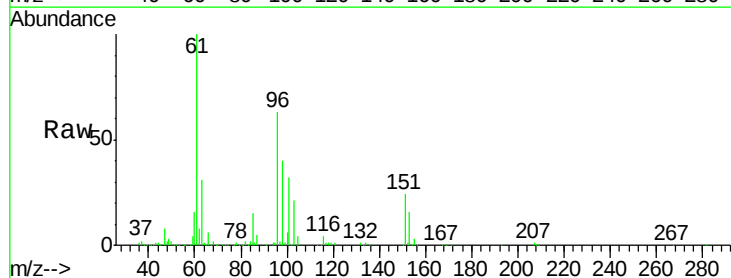
Tgt Ion: 59 Resp: 194316
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4



#12

1,1-Dichloroethene
 Concen: 45.11 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016267.D
 Acq: 15 May 2020 05:59

Tgt Ion: 96 Resp: 95310
 Ion Ratio Lower Upper
 96 100
 61 159.6 124.8 187.2
 98 63.4 49.7 74.5





#13

Acrolein

Concen: 321.13 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

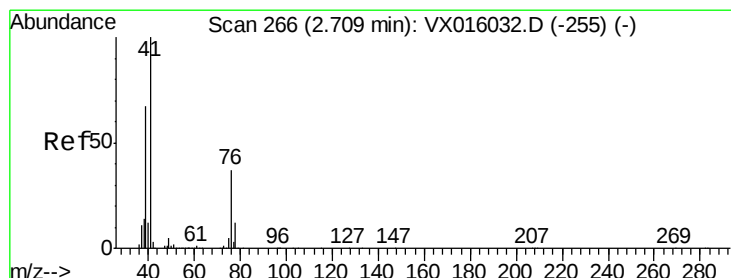
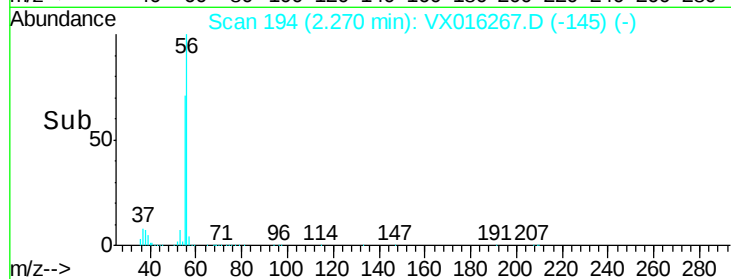
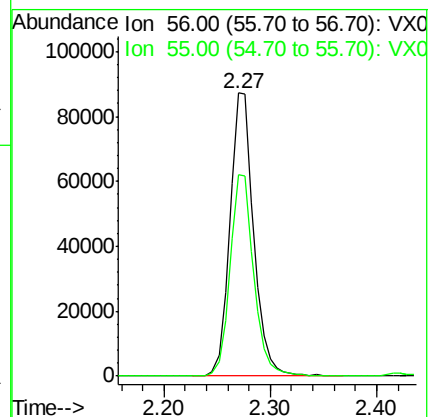
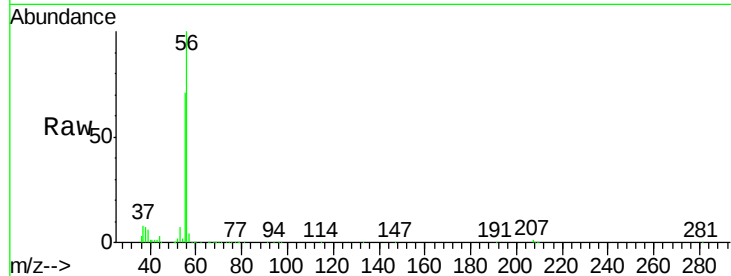
VSTDCCC050EC

Tgt Ion: 56 Resp: 135913

Ion Ratio Lower Upper

56 100

55 71.1 56.5 84.7



#14

Allyl chloride

Concen: 49.86 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

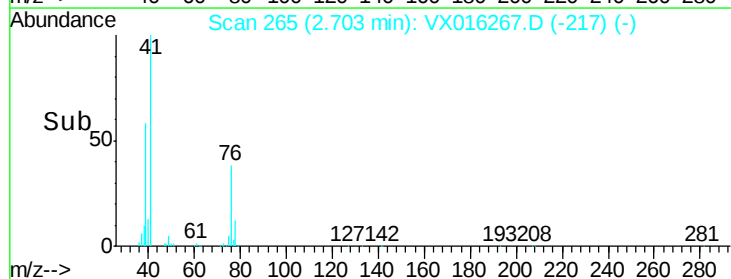
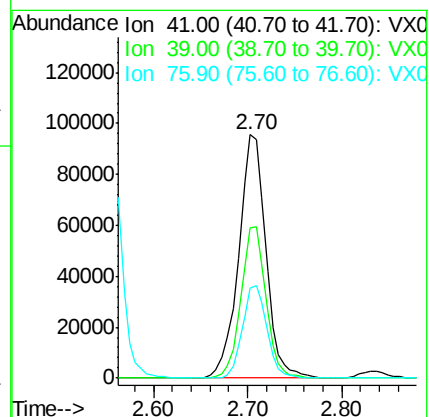
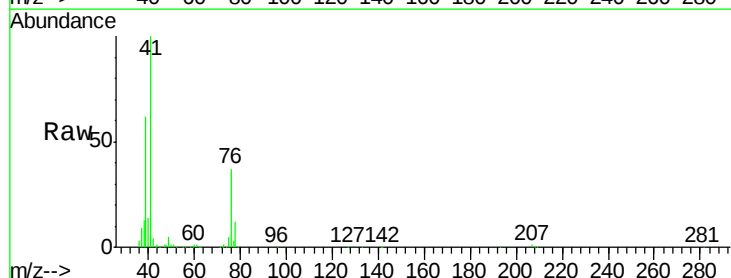
Tgt Ion: 41 Resp: 193143

Ion Ratio Lower Upper

41 100

39 57.2 50.5 75.7

76 33.9 26.6 40.0





#15

Acrylonitrile

Concen: 301.17 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

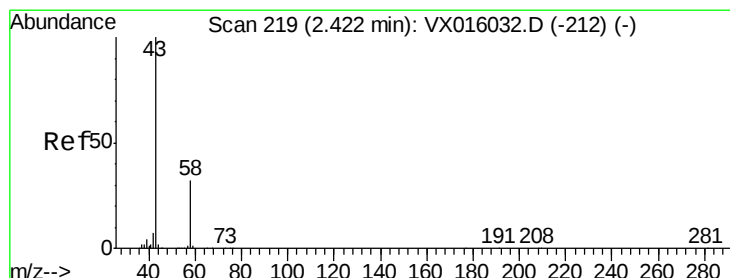
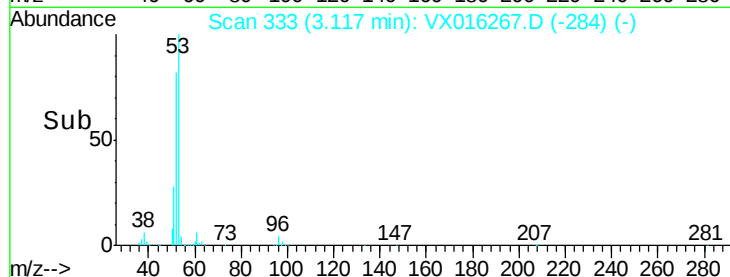
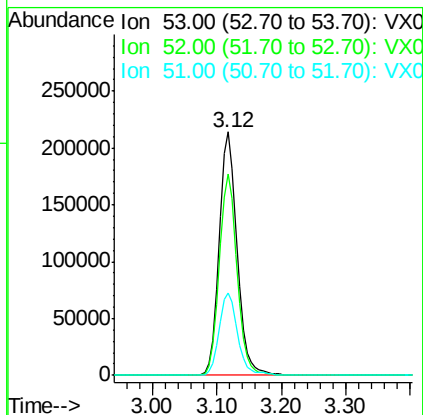
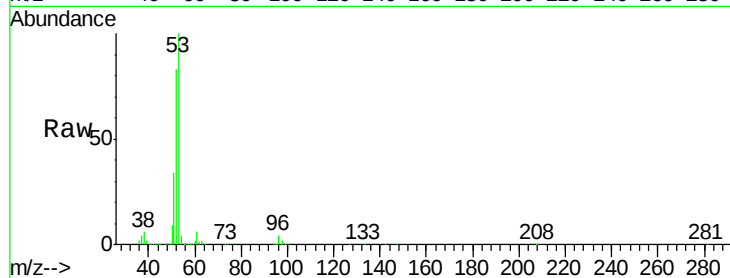
Tgt Ion: 53 Resp: 422561

Ion Ratio Lower Upper

53 100

52 82.3 66.1 99.1

51 35.1 28.8 43.2



#16

Acetone

Concen: 286.79 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016267.D

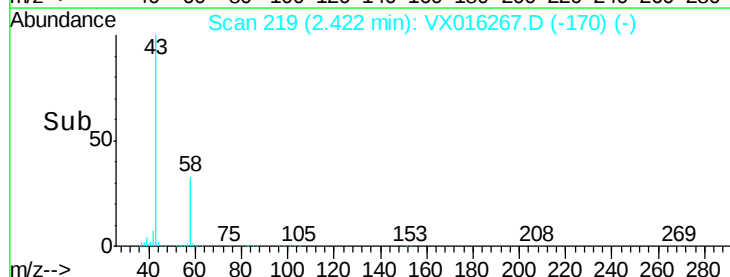
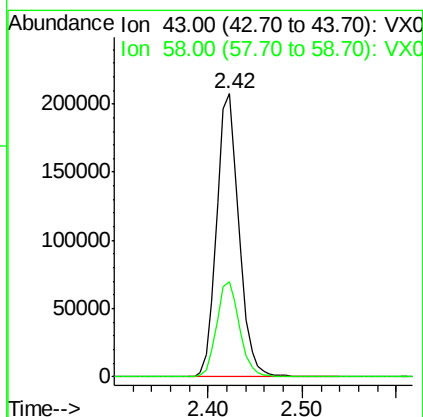
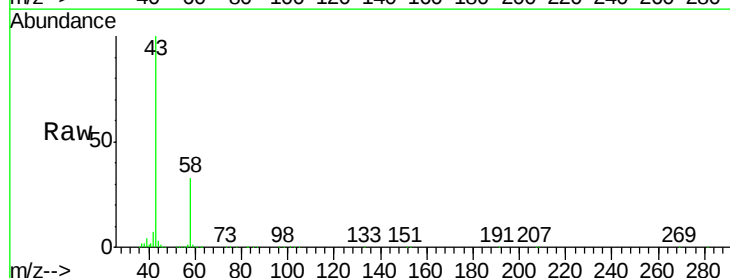
Acq: 15 May 2020 05:59

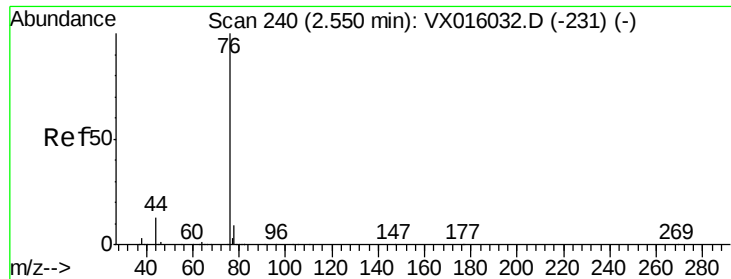
Tgt Ion: 43 Resp: 342250

Ion Ratio Lower Upper

43 100

58 33.4 25.4 38.0

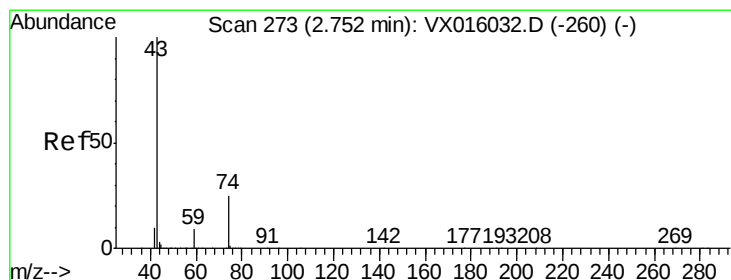
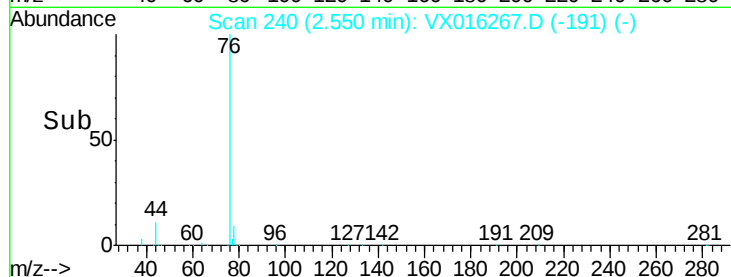
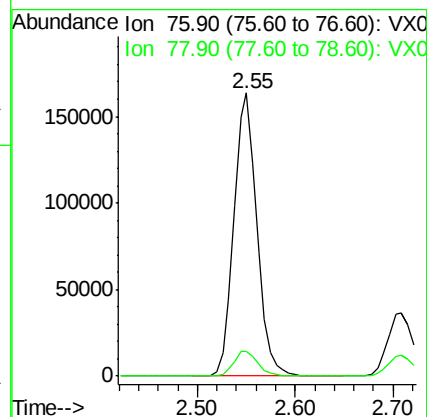
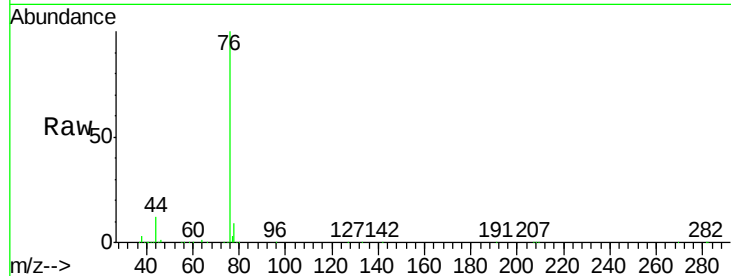




#17
Carbon Disulfide
Concen: 41.96 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

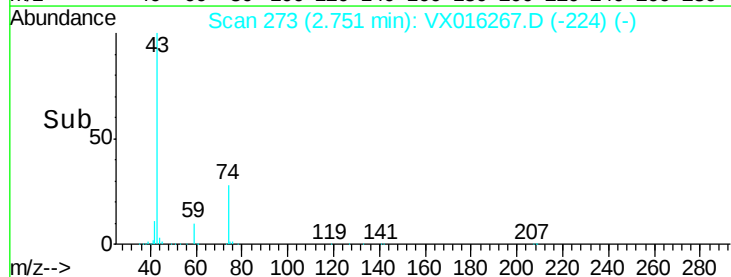
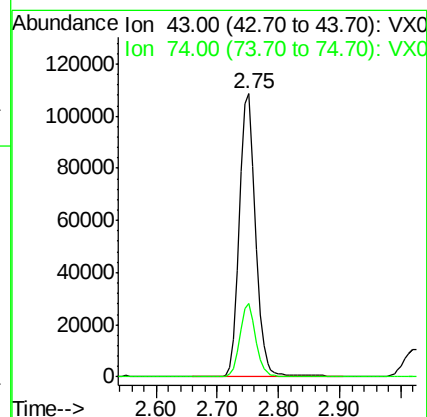
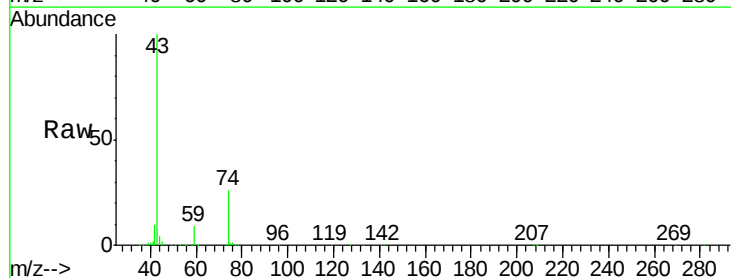
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

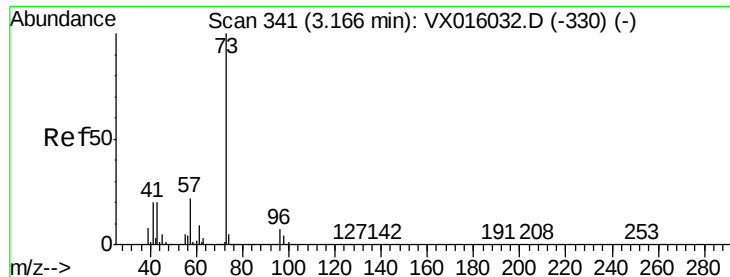
Tgt Ion: 76 Resp: 266444
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 66.31 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

Tgt Ion: 43 Resp: 194556
Ion Ratio Lower Upper
43 100
74 25.6 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 60.30 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

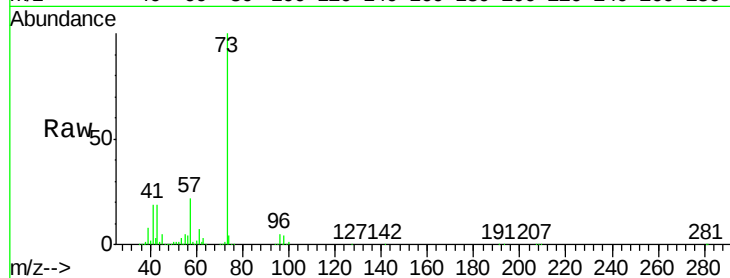
VSTDCCC050EC

Tgt Ion: 73 Resp: 439195

Ion Ratio Lower Upper

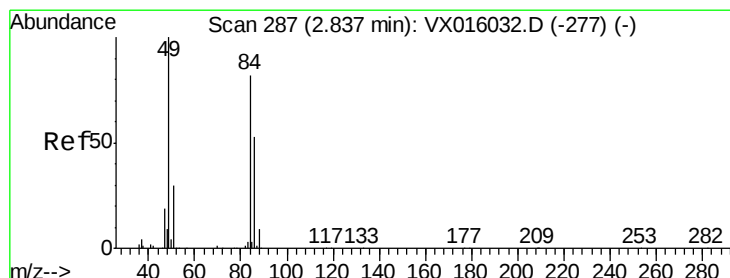
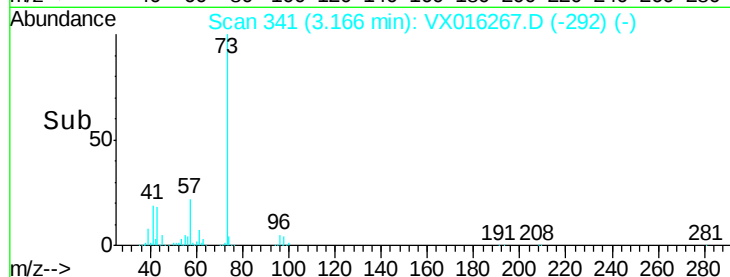
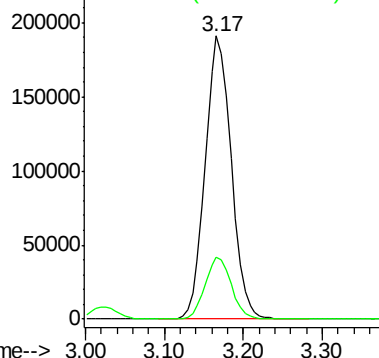
73 100

57 21.8 17.8 26.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 54.46 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Tgt Ion: 84 Resp: 133988

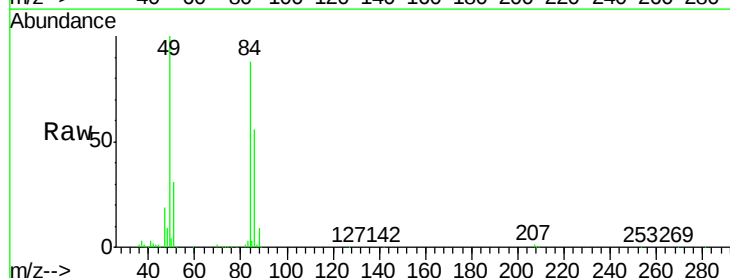
Ion Ratio Lower Upper

84 100

49 113.3 97.3 145.9

51 35.4 29.3 43.9

86 63.6 51.3 76.9

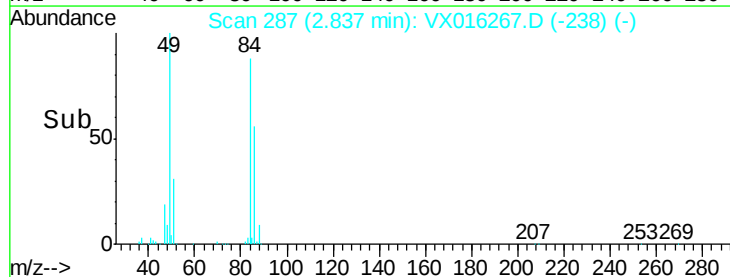
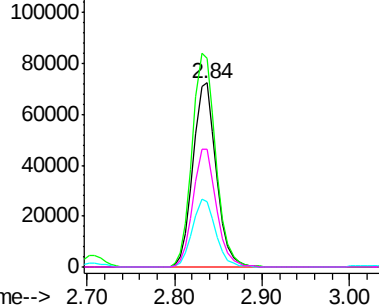


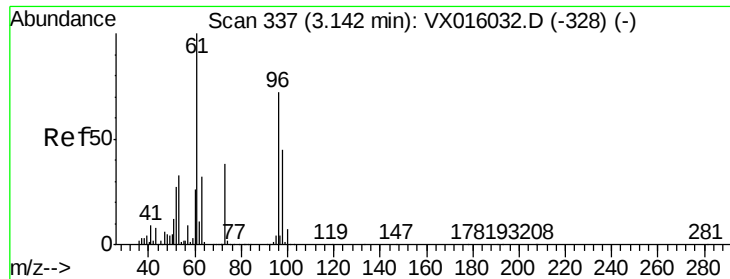
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 49.35 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

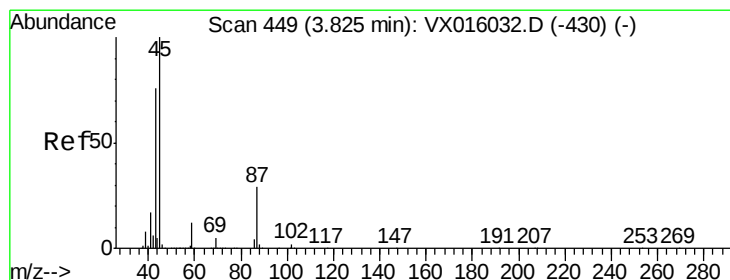
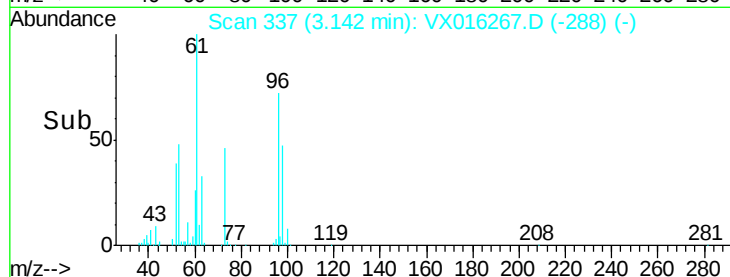
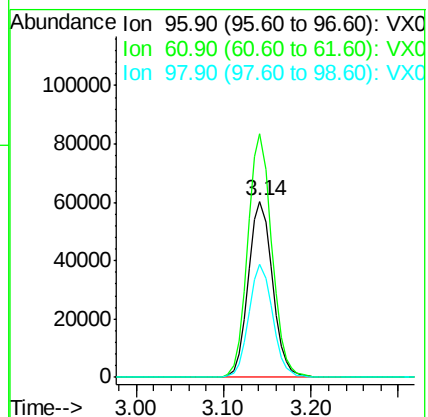
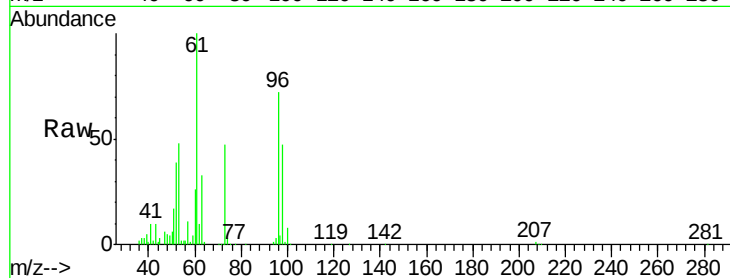
Tgt Ion: 96 Resp: 116189

Ion Ratio Lower Upper

96 100

61 138.3 111.2 166.8

98 64.3 50.2 75.4



#22

Diisopropyl ether

Concen: 57.01 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Tgt Ion: 45 Resp: 416666

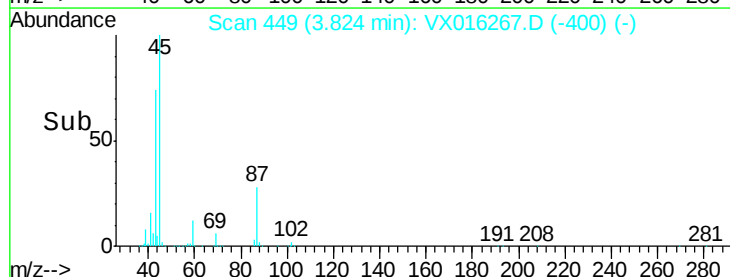
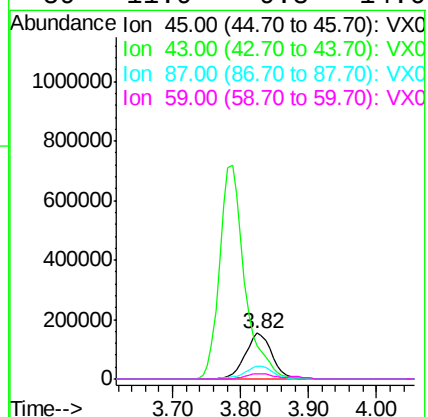
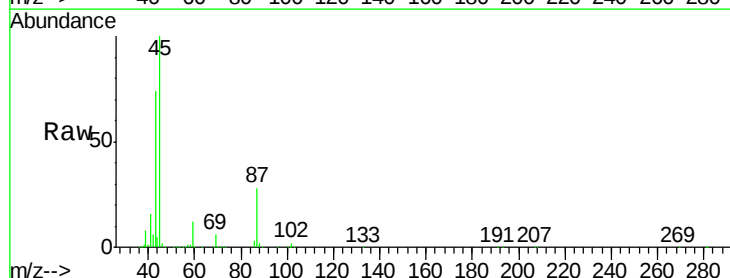
Ion Ratio Lower Upper

45 100

43 73.5 61.1 91.7

87 28.2 23.0 34.6

59 11.9 9.8 14.6





#23

Vinyl Acetate

Concen: 286.33 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

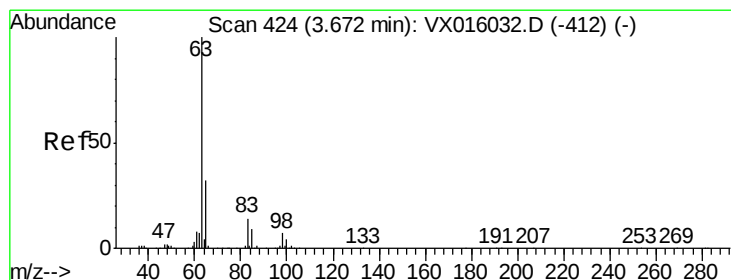
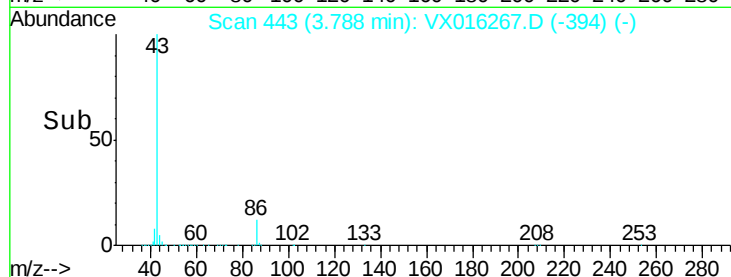
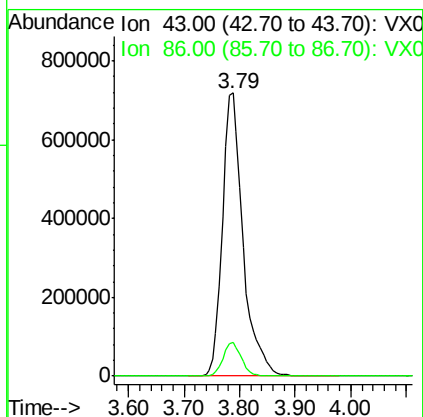
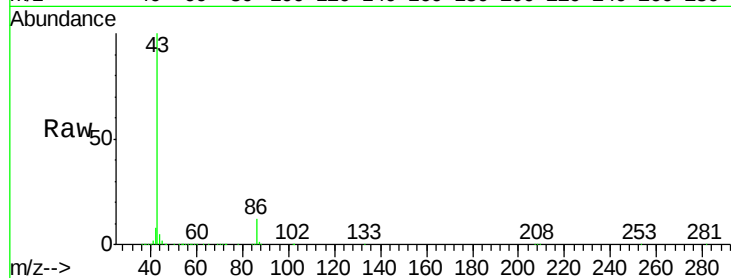
VSTDCCC050EC

Tgt Ion: 43 Resp: 1841040

Ion Ratio Lower Upper

43 100

86 11.9 9.0 13.4



#24

1,1-Dichloroethane

Concen: 55.32 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

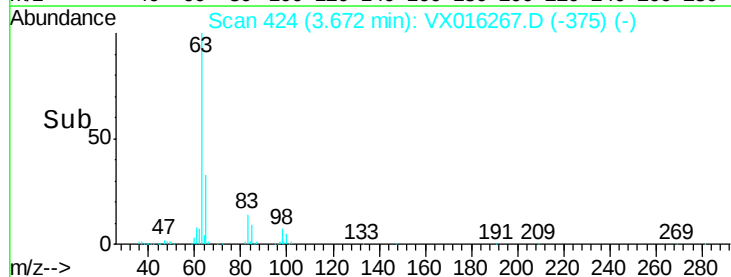
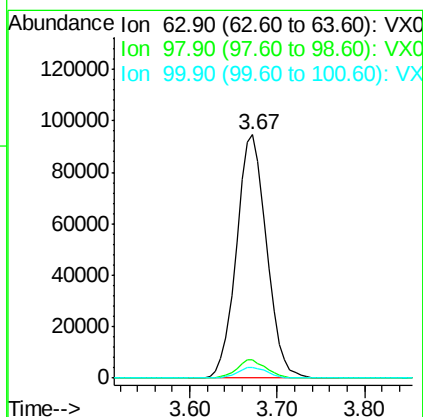
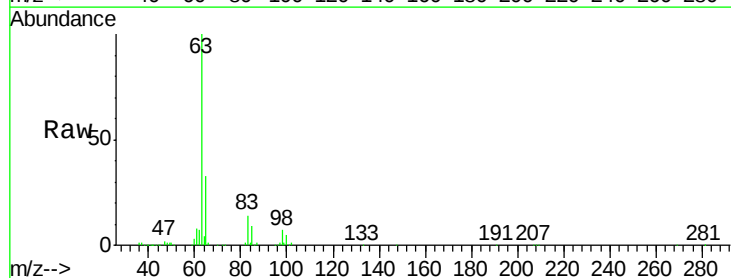
Tgt Ion: 63 Resp: 226180

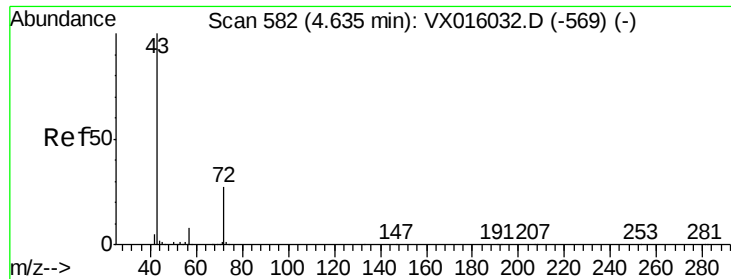
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 303.51 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

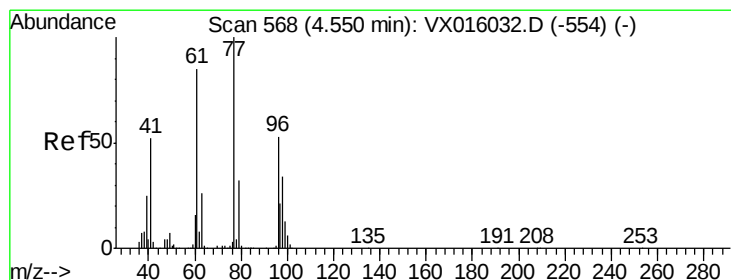
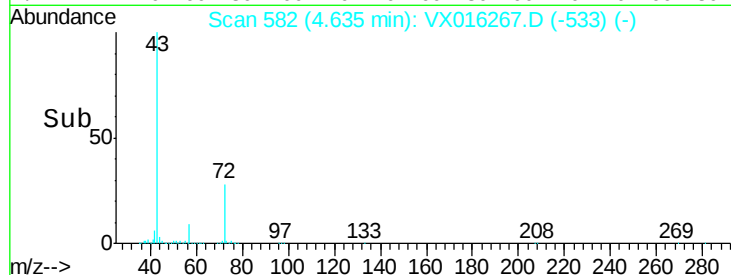
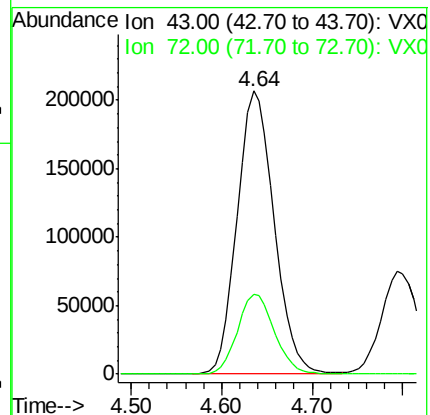
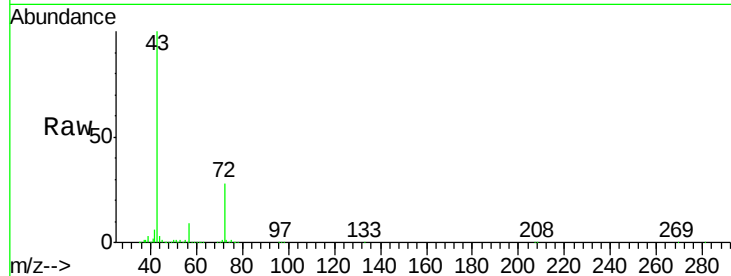
VSTDCCC050EC

Tgt Ion: 43 Resp: 583660

Ion Ratio Lower Upper

43 100

72 28.2 21.8 32.8



#26

2,2-Dichloropropane

Concen: 33.52 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016267.D

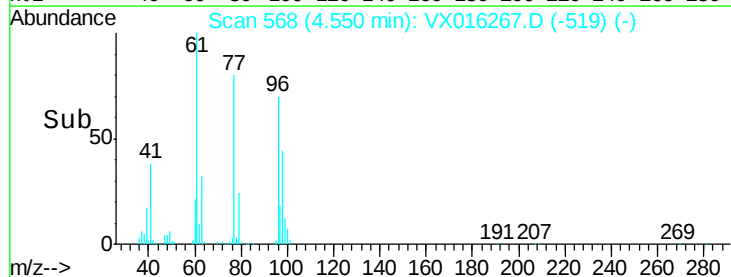
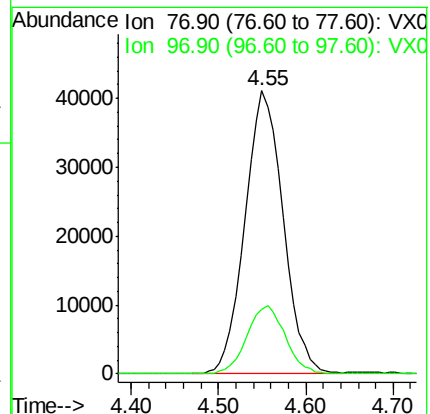
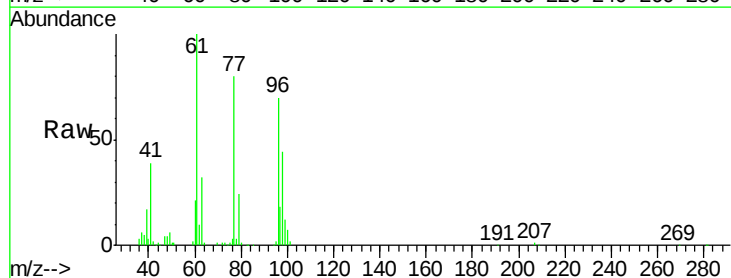
Acq: 15 May 2020 05:59

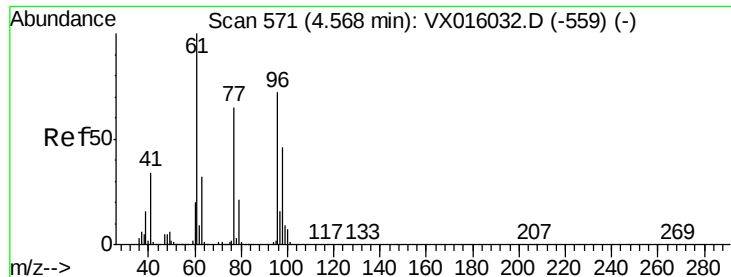
Tgt Ion: 77 Resp: 125142

Ion Ratio Lower Upper

77 100

97 24.2 11.2 33.6



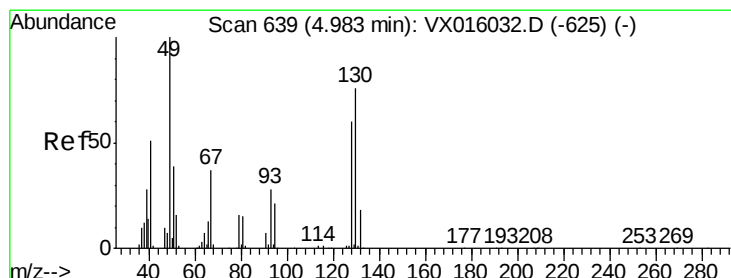
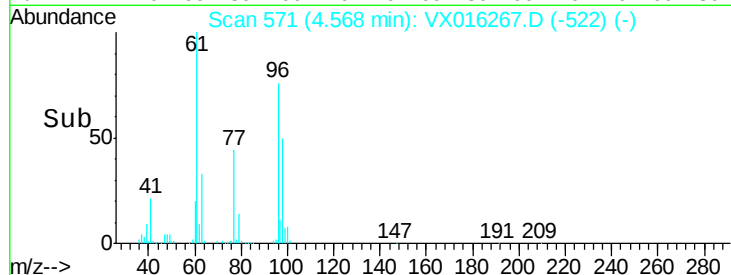
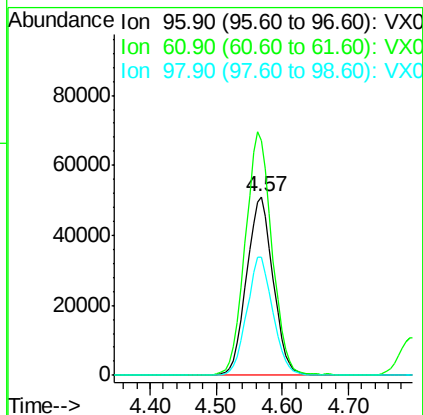
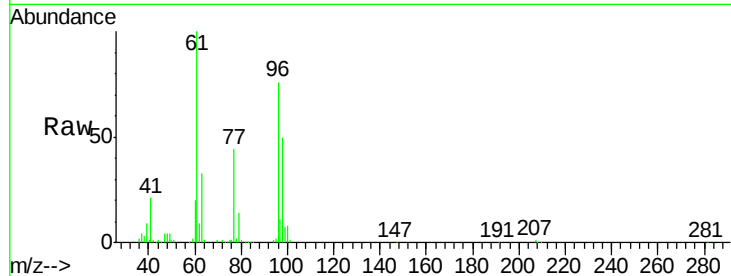


#27

cis-1,2-Dichloroethene
Concen: 55.47 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

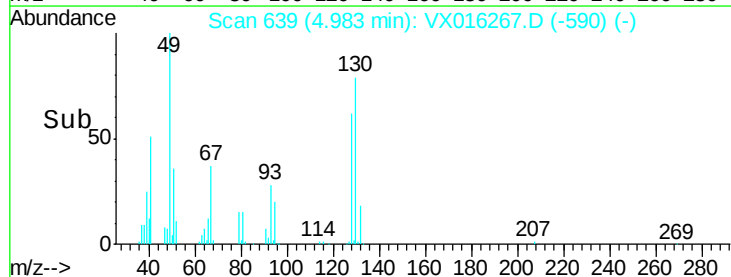
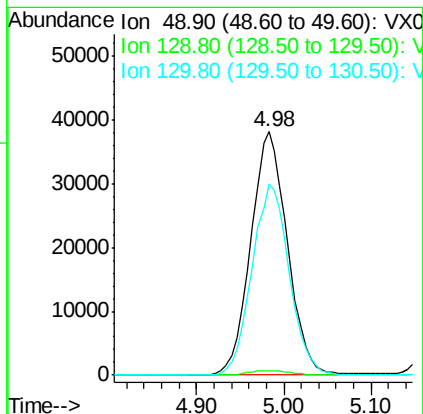
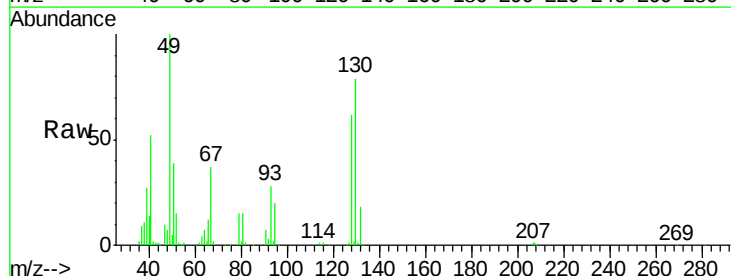
Tgt Ion: 96 Resp: 142774
Ion Ratio Lower Upper
96 100
61 137.0 0.0 296.2
98 65.1 0.0 129.4

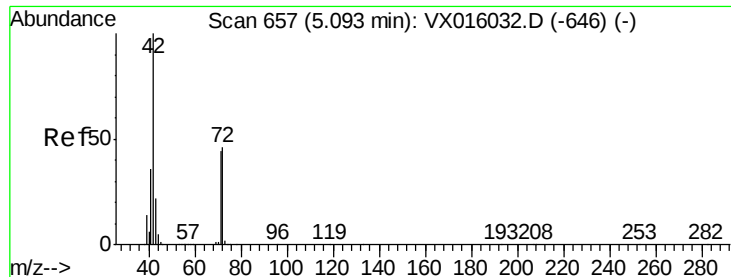


#28

Bromochloromethane
Concen: 59.51 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

Tgt Ion: 49 Resp: 110932
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 80.3 62.4 93.6





#29

Tetrahydrofuran

Concen: 299.94 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

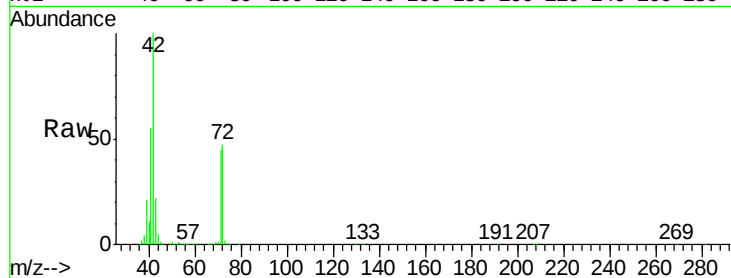
Tgt Ion: 42 Resp: 382182

Ion Ratio Lower Upper

42 100

72 48.1 37.1 55.7

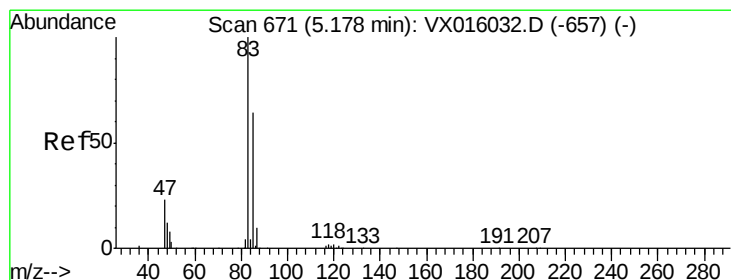
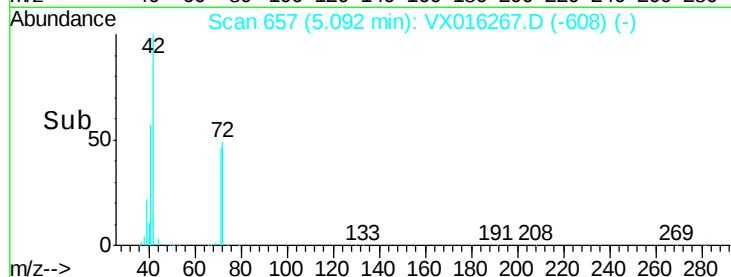
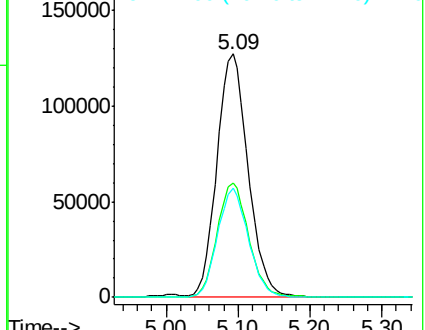
71 44.6 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 56.87 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016267.D

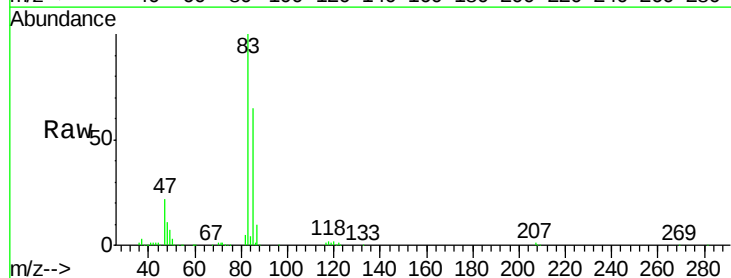
Acq: 15 May 2020 05:59

Tgt Ion: 83 Resp: 231507

Ion Ratio Lower Upper

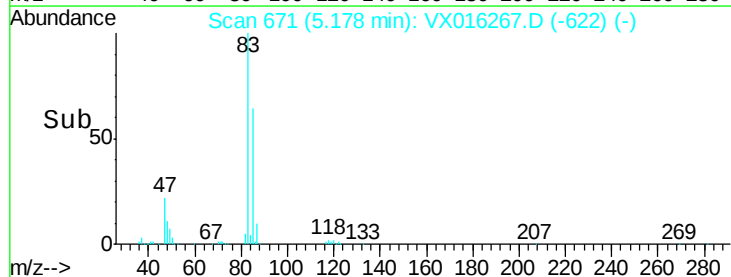
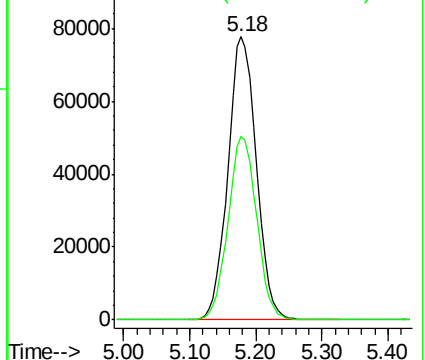
83 100

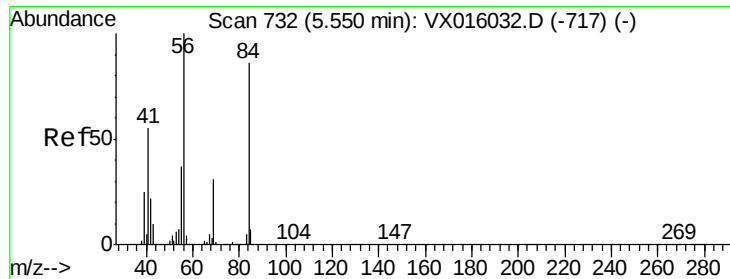
85 64.9 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

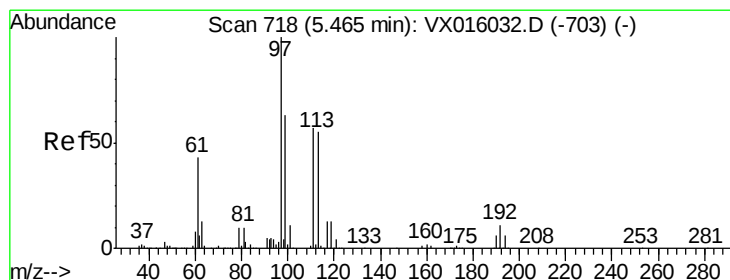
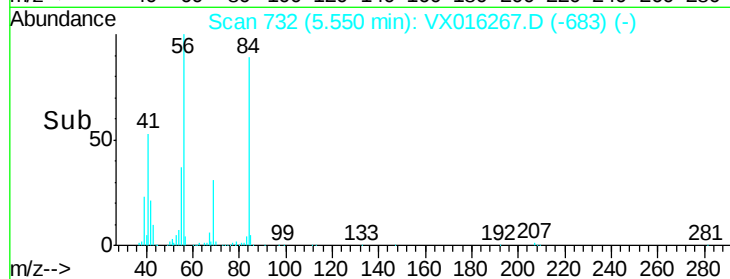
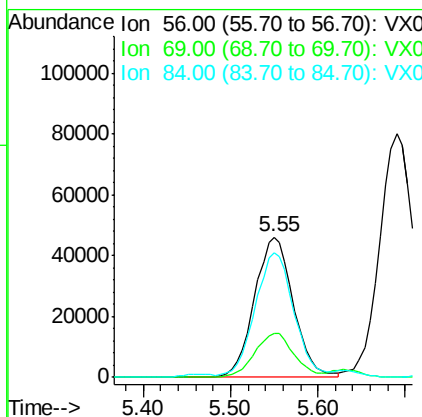
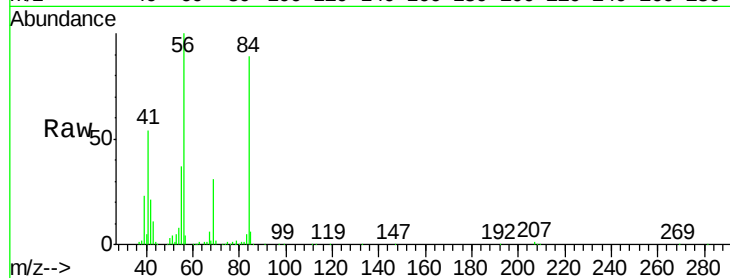




#31
Cyclohexane
Concen: 38.40 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

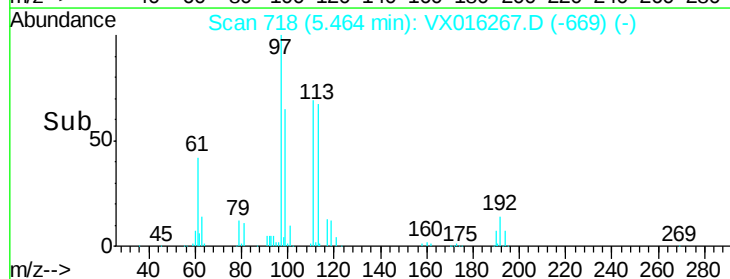
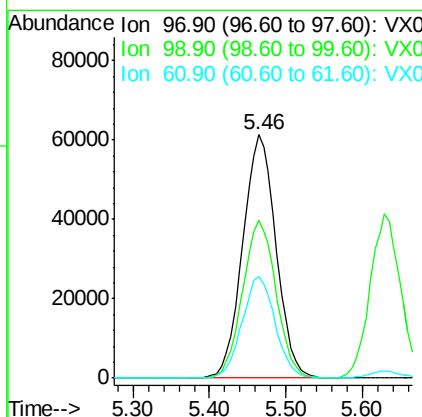
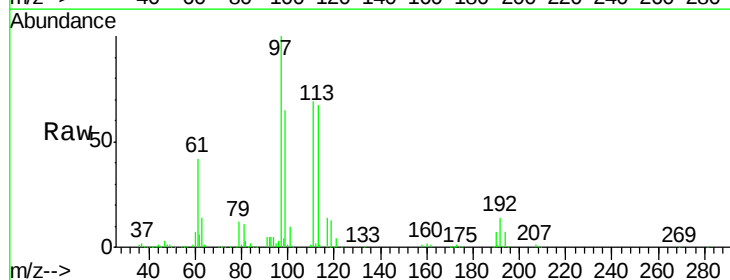
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

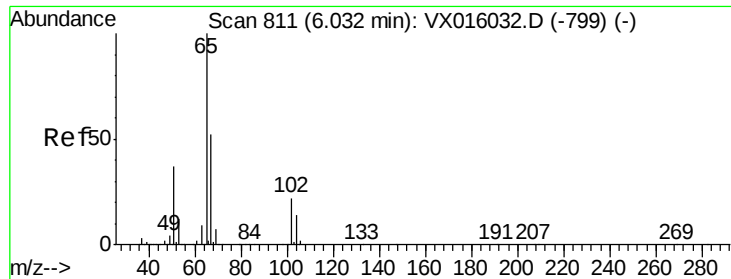
Tgt Ion: 56 Resp: 142683
Ion Ratio Lower Upper
56 100
69 31.3 25.0 37.6
84 87.4 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 50.15 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

Tgt Ion: 97 Resp: 185569
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.4
61 41.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 56.80 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

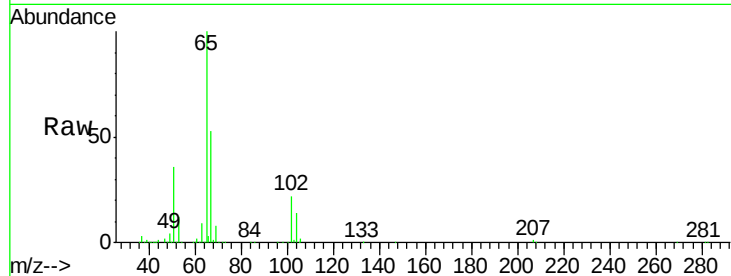
VSTDCCC050EC

Tgt Ion: 65 Resp: 151929

Ion Ratio Lower Upper

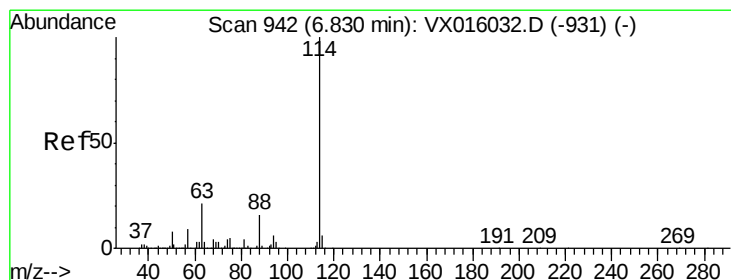
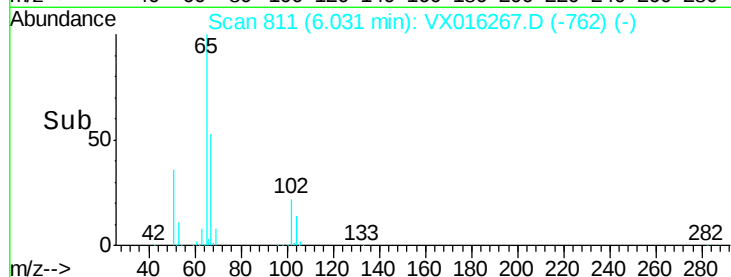
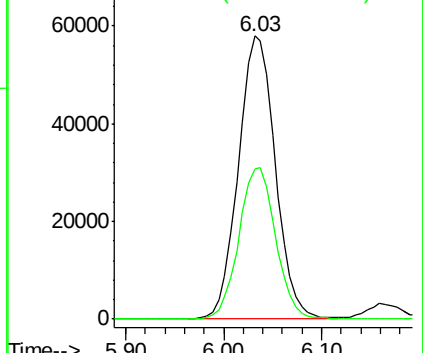
65 100

67 53.5 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: 50.00 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

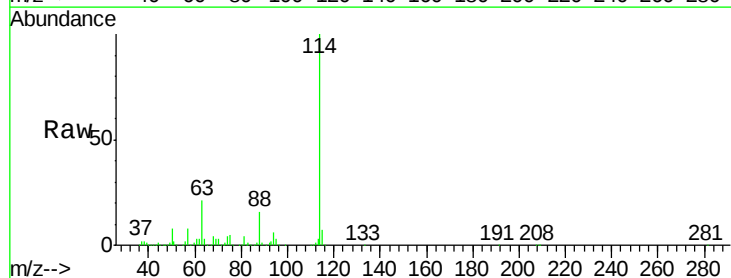
Tgt Ion: 114 Resp: 368664

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.8

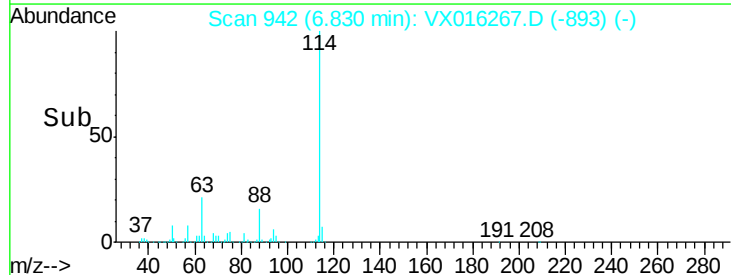
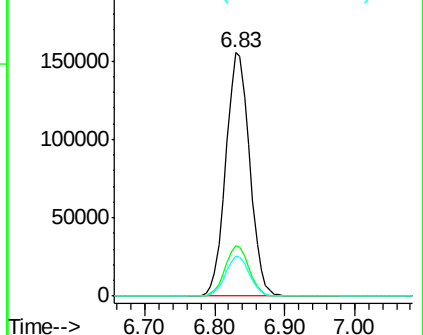
88 16.3 0.0 31.4

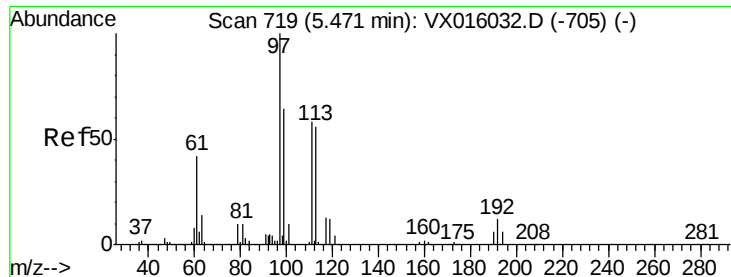


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.14 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

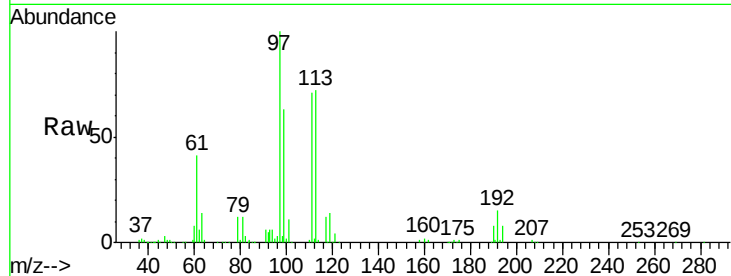
Tgt Ion:113 Resp: 119442

Ion Ratio Lower Upper

113 100

111 102.7 81.6 122.4

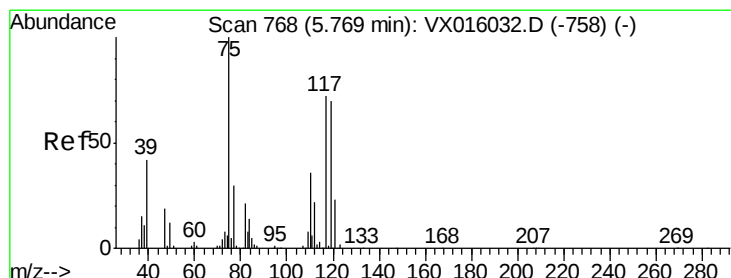
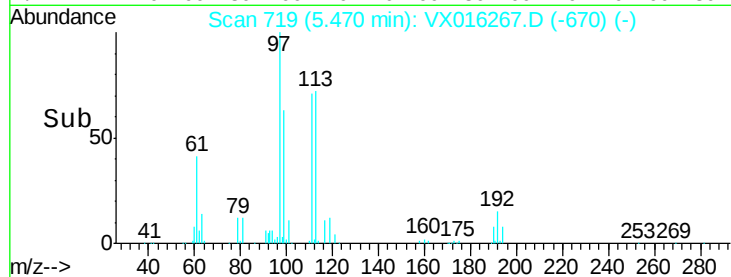
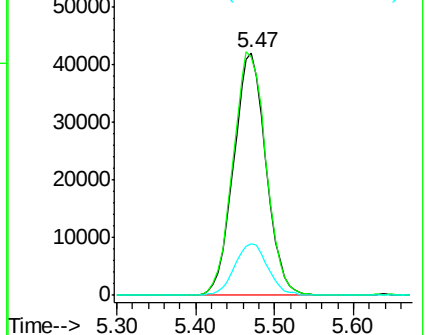
192 22.0 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 40.44 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

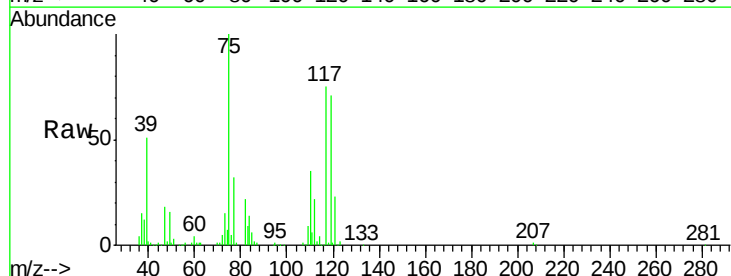
Tgt Ion: 75 Resp: 146751

Ion Ratio Lower Upper

75 100

110 35.8 18.1 54.1

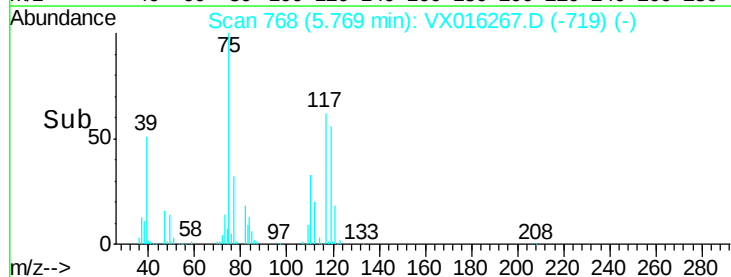
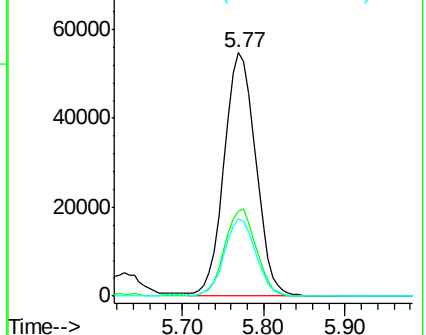
77 31.7 25.0 37.6

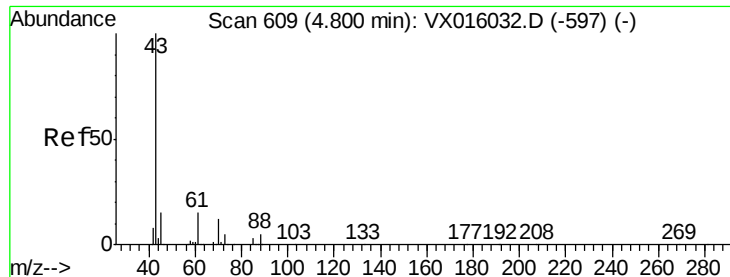


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

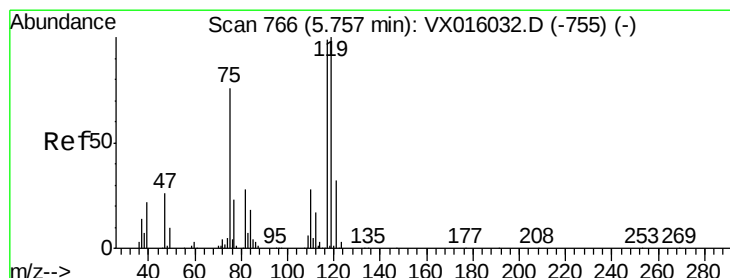
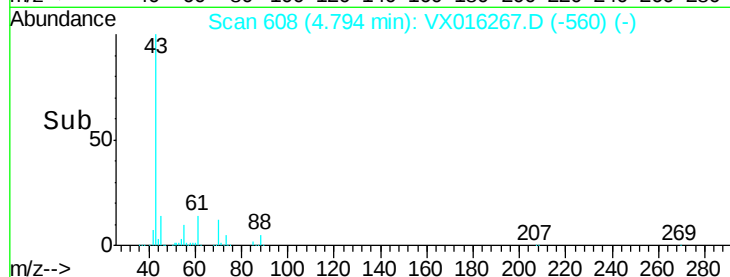
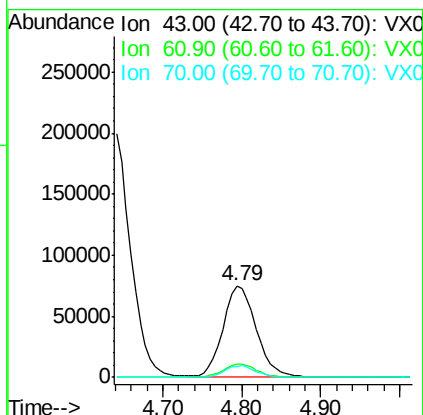
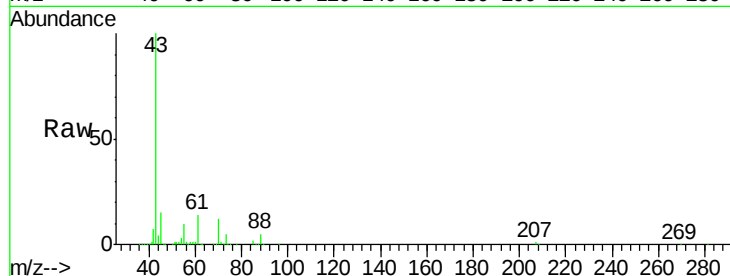




#37
Ethyl Acetate
Concen: 51.62 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

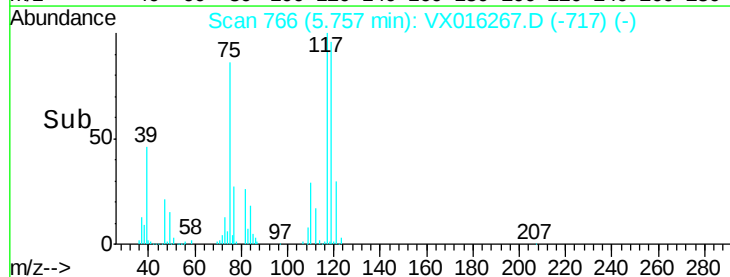
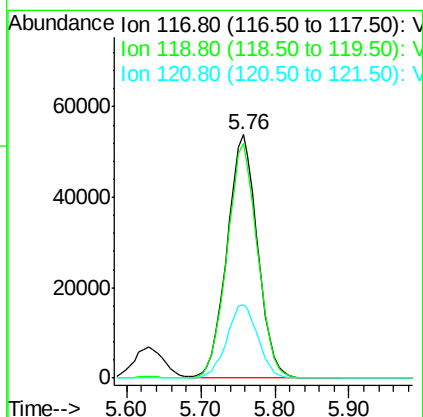
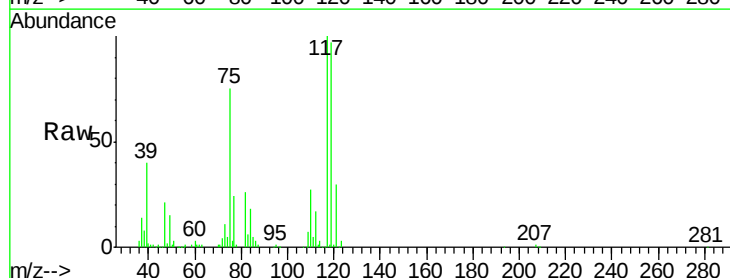
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

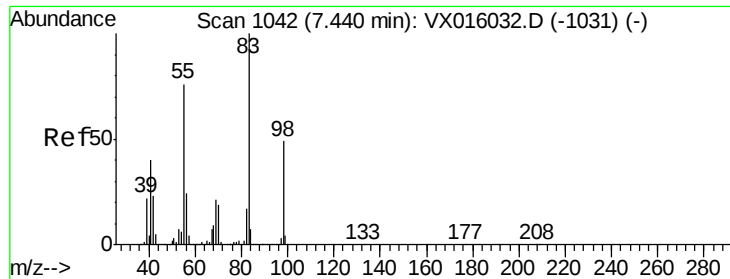
Tgt Ion:	43	Resp:	217102
Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.7	17.5
70	12.3	9.3	13.9



#38
Carbon Tetrachloride
Concen: 41.77 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

Tgt Ion:	117	Resp:	154062
Ion	Ratio	Lower	Upper
117	100		
119	96.4	80.3	120.5
121	30.1	25.7	38.5





#39

Methylcyclohexane

Concen: 31.42 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

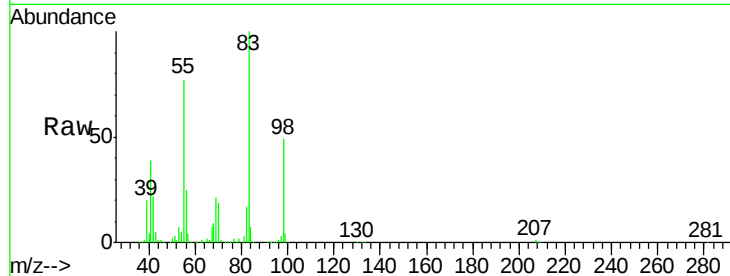
Tgt Ion: 83 Resp: 137324

Ion Ratio Lower Upper

83 100

55 77.3 61.1 91.7

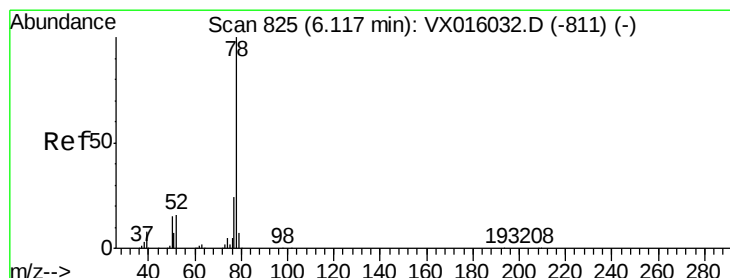
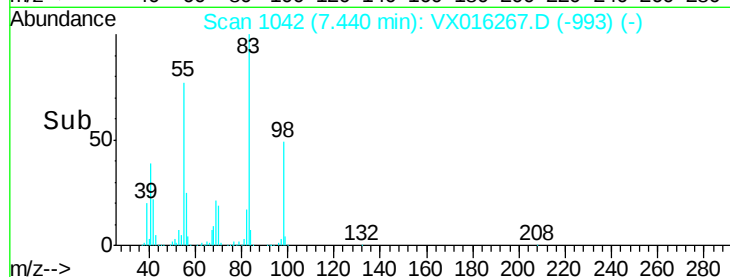
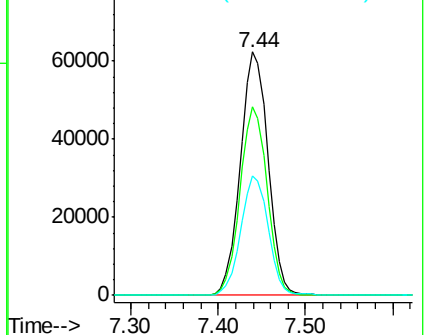
98 49.2 39.0 58.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 48.56 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX016267.D

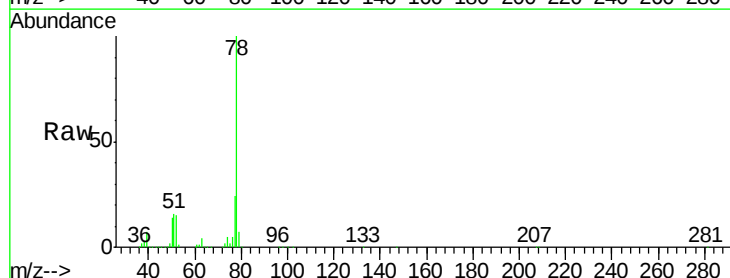
Acq: 15 May 2020 05:59

Tgt Ion: 78 Resp: 515602

Ion Ratio Lower Upper

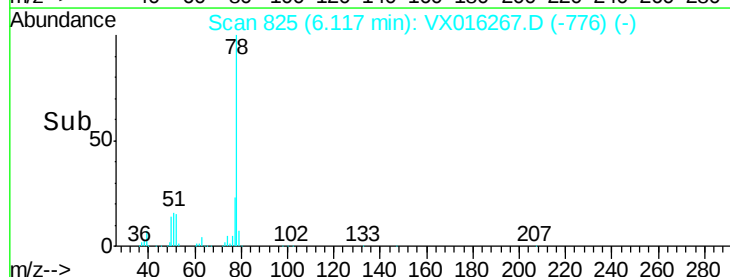
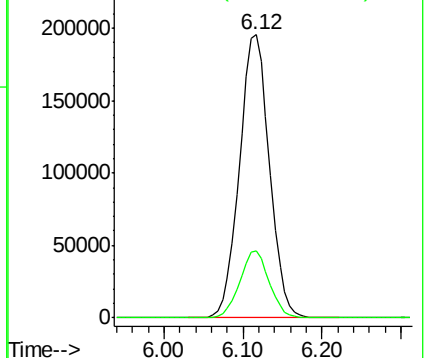
78 100

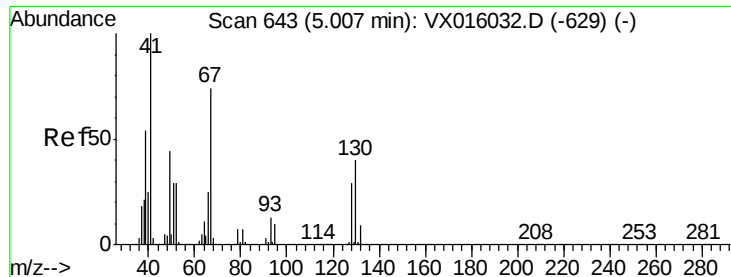
77 23.7 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

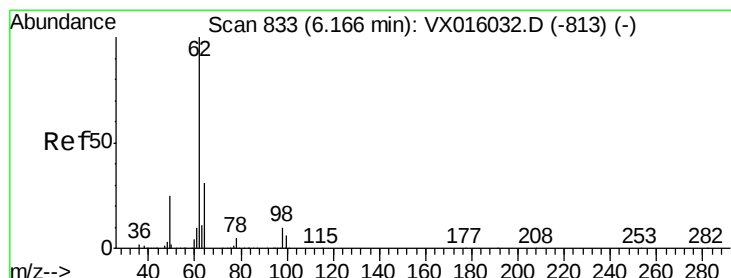
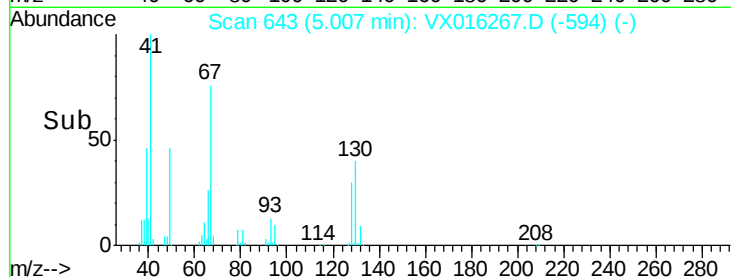
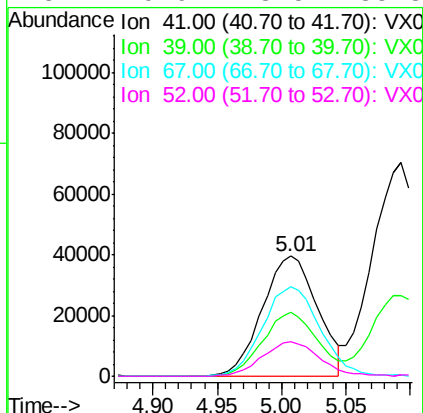
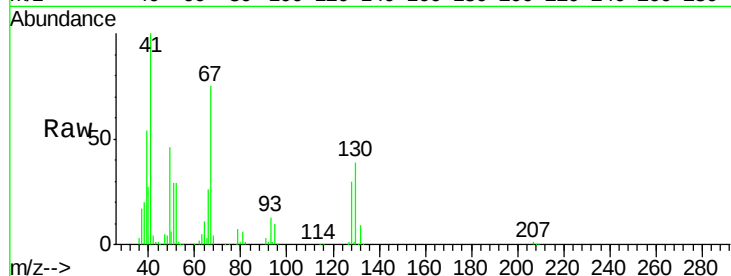




#41
Methacrylonitrile
Concen: 51.46 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

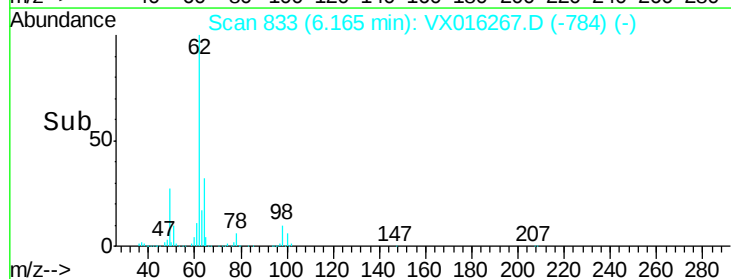
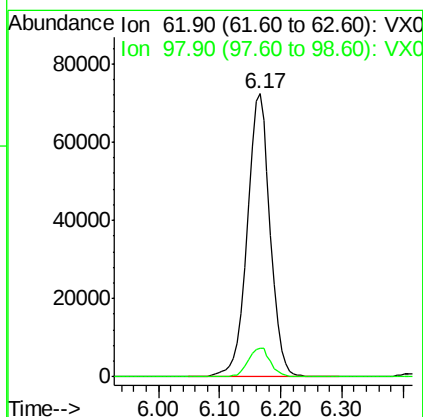
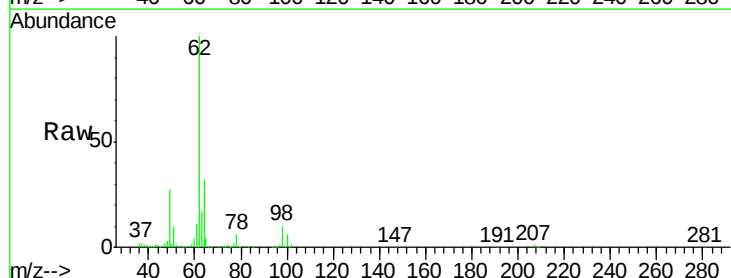
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	116887
Ion	Ratio	Lower	Upper
41	100		
39	52.6	43.2	64.8
67	78.3	59.3	88.9
52	29.9	23.5	35.3



#42
1,2-Dichloroethane
Concen: 49.57 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

Tgt Ion:	62	Resp:	189590
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.4





#43

Isopropyl Acetate

Concen: 51.38 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

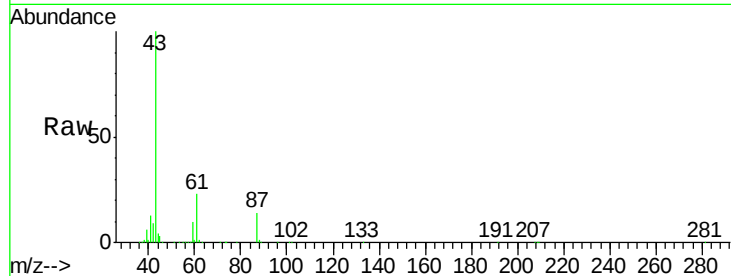
Tgt Ion: 43 Resp: 344797

Ion Ratio Lower Upper

43 100

61 22.1 17.0 25.4

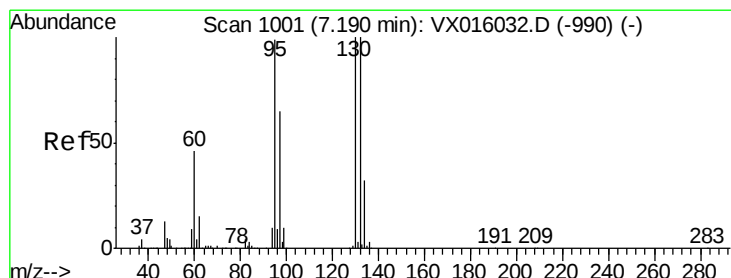
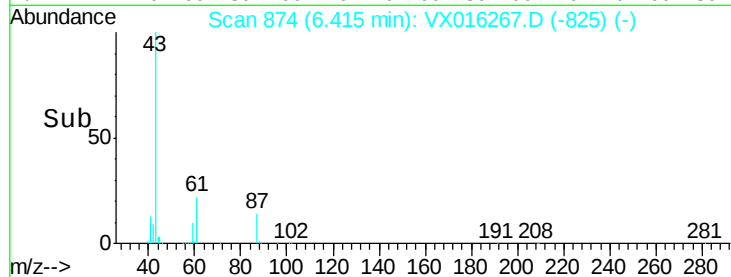
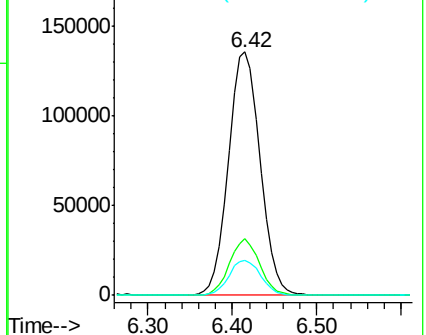
87 14.5 11.0 16.6



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: 41.37 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016267.D

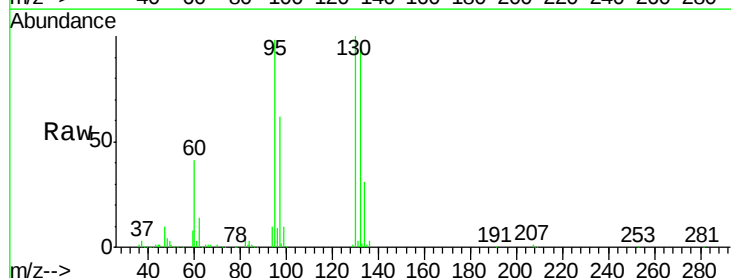
Acq: 15 May 2020 05:59

Tgt Ion: 130 Resp: 156045

Ion Ratio Lower Upper

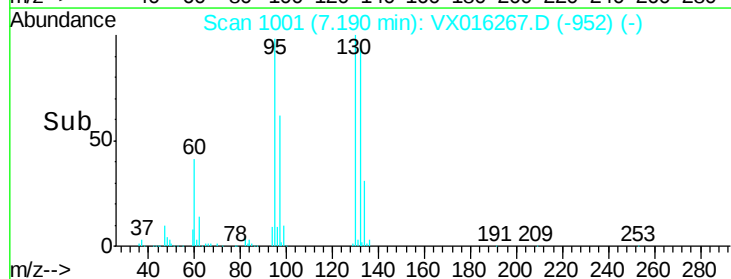
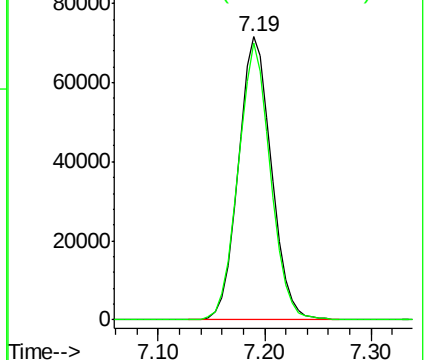
130 100

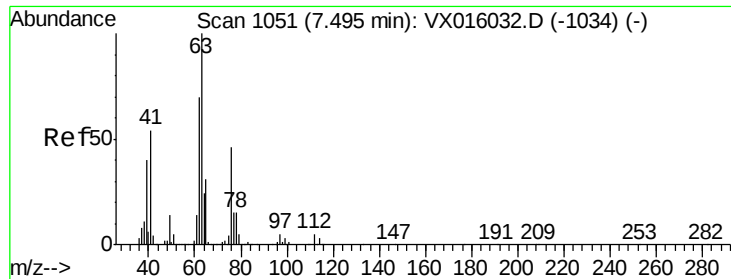
95 97.9 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

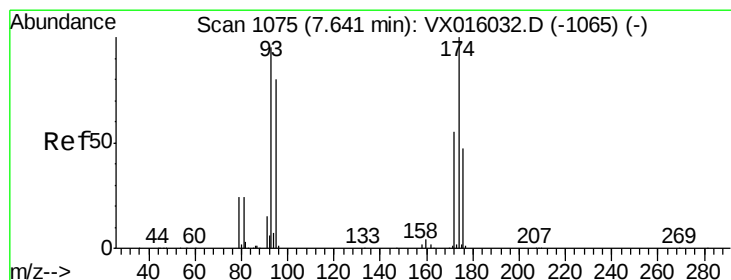
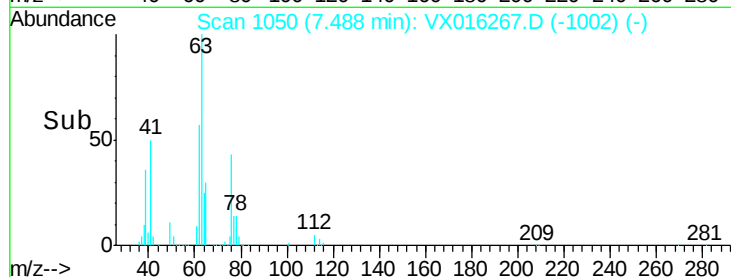
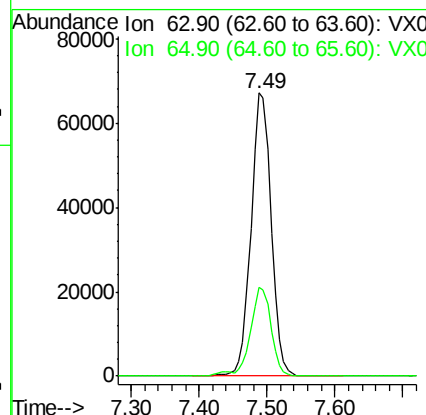
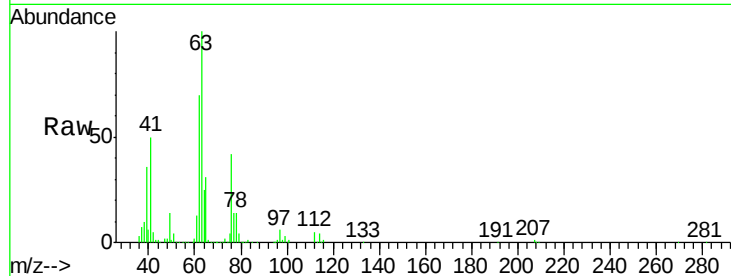




#45
 1,2-Dichloropropane
 Concen: 51.64 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016267.D
 Acq: 15 May 2020 05:59

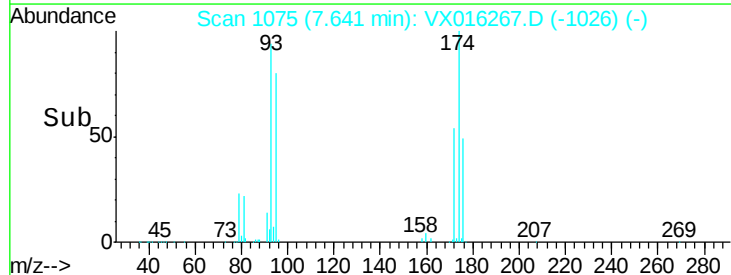
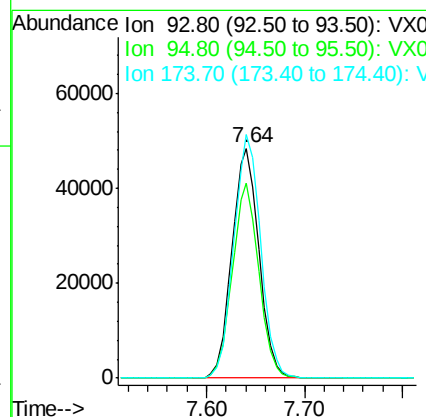
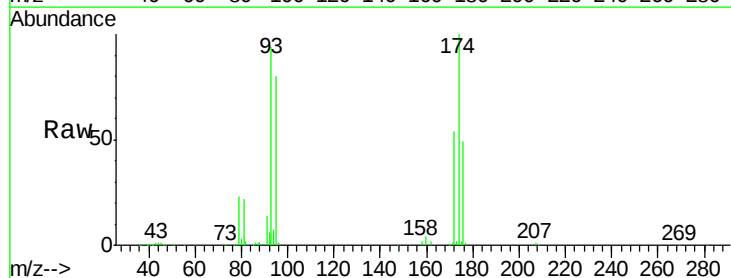
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 138745
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.4 36.6



#46
 Dibromomethane
 Concen: 50.89 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016267.D
 Acq: 15 May 2020 05:59

Tgt Ion: 93 Resp: 92922
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.6 100.0
 174 105.4 84.2 126.4





#47

Bromodichloromethane

Concen: 52.02 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

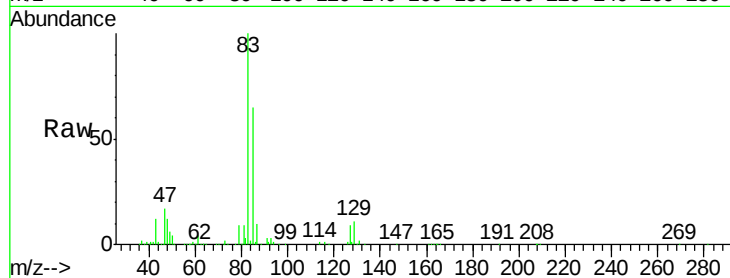
Tgt Ion: 83 Resp: 193425

Ion Ratio Lower Upper

83 100

85 65.2 50.5 75.7

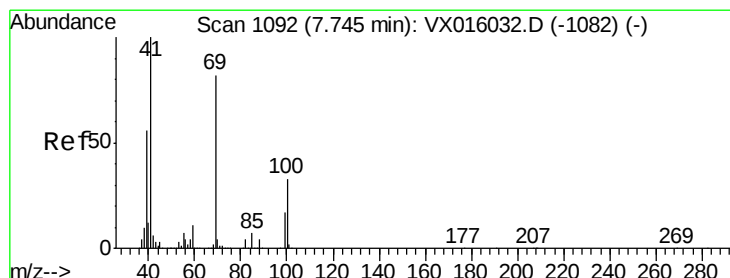
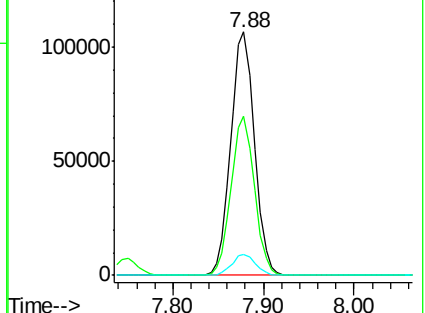
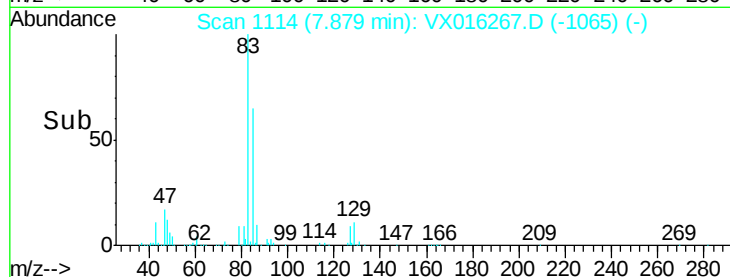
127 8.8 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.38 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

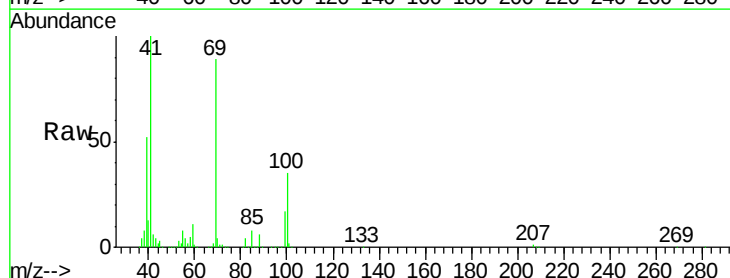
Tgt Ion: 41 Resp: 163381

Ion Ratio Lower Upper

41 100

69 89.8 67.8 101.6

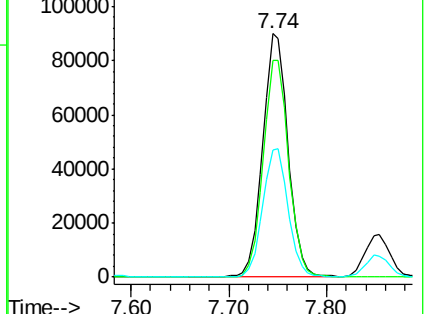
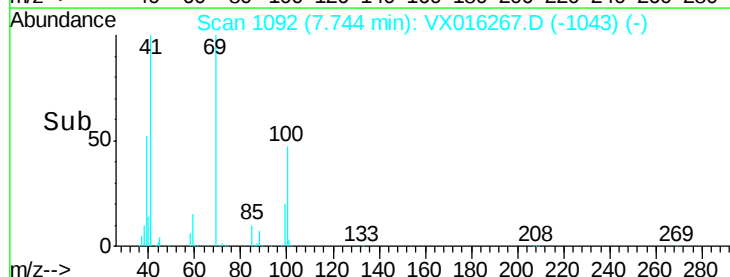
39 53.0 44.6 67.0

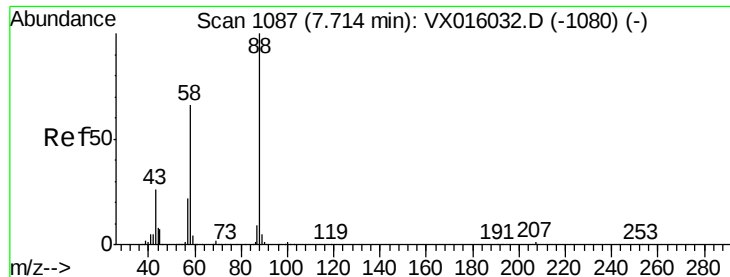


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 979.32 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

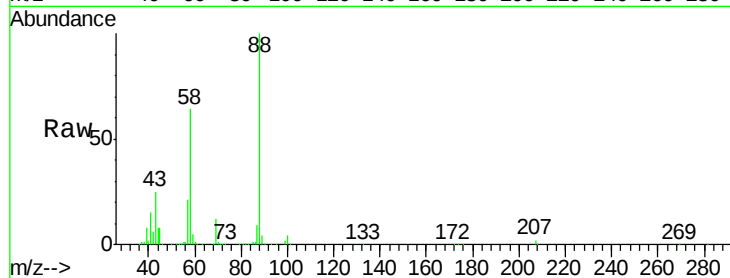
Tgt Ion: 88 Resp: 74689

Ion Ratio Lower Upper

88 100

43 30.3 25.3 37.9

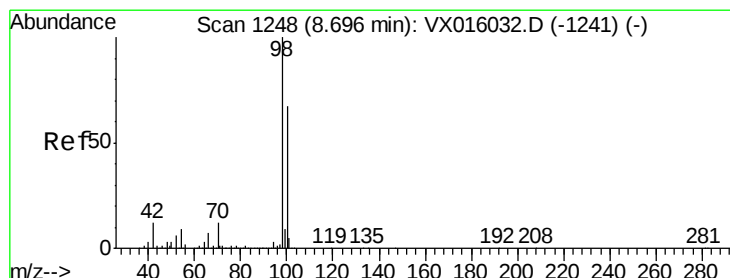
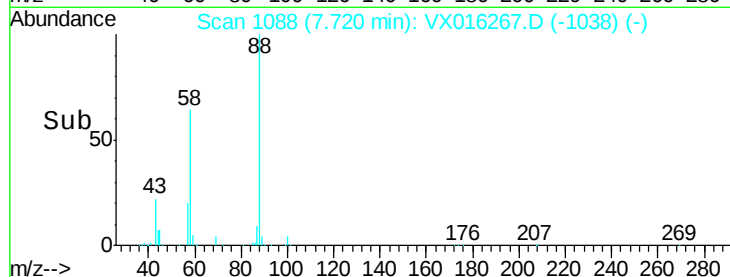
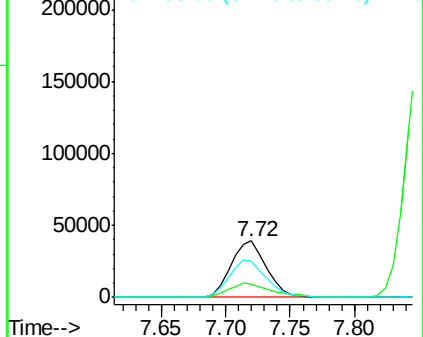
58 70.2 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.68 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016267.D

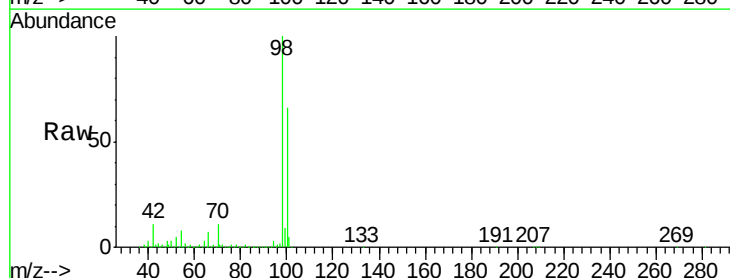
Acq: 15 May 2020 05:59

Tgt Ion: 98 Resp: 447051

Ion Ratio Lower Upper

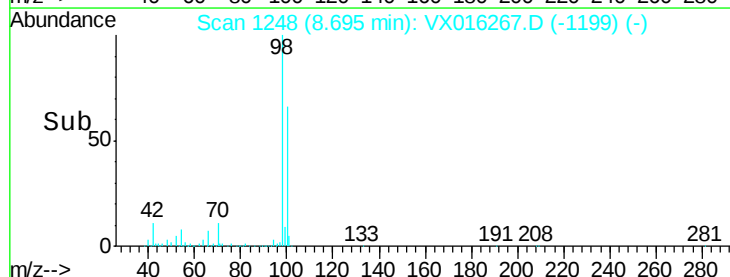
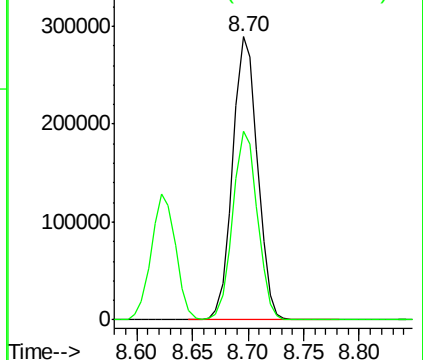
98 100

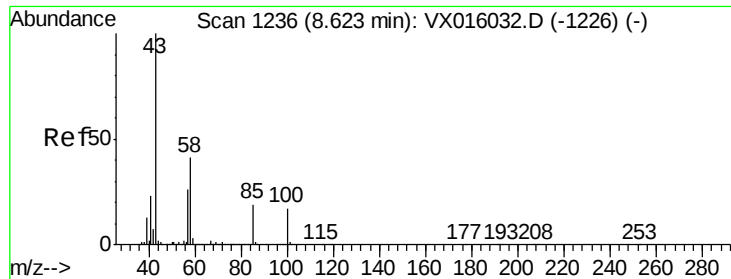
100 66.6 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

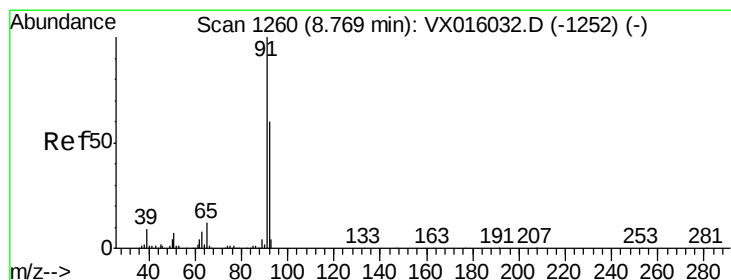
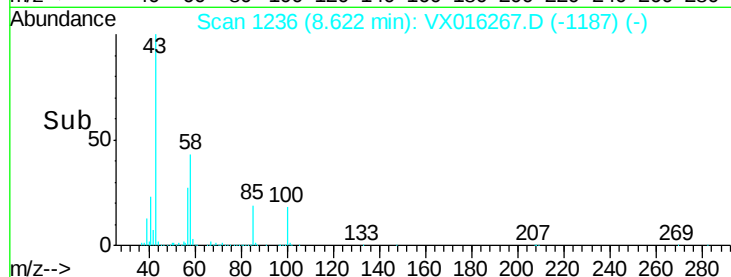
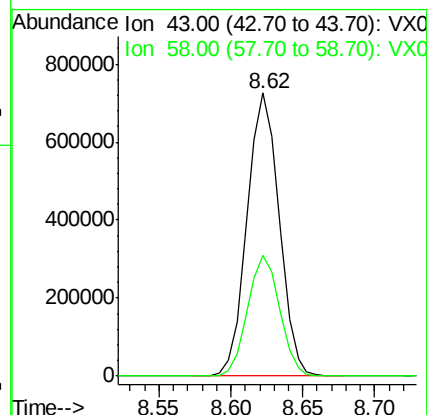
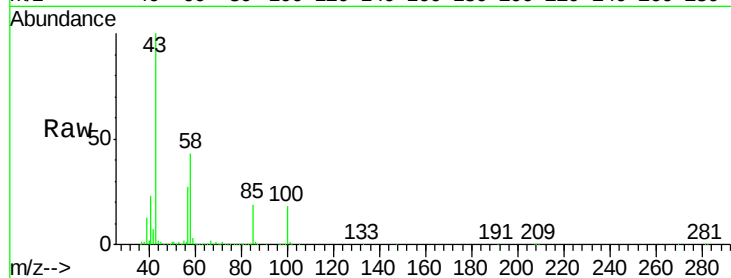




#51
 4-Methyl-2-Pentanone
 Concen: 272.43 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016267.D
 Acq: 15 May 2020 05:59

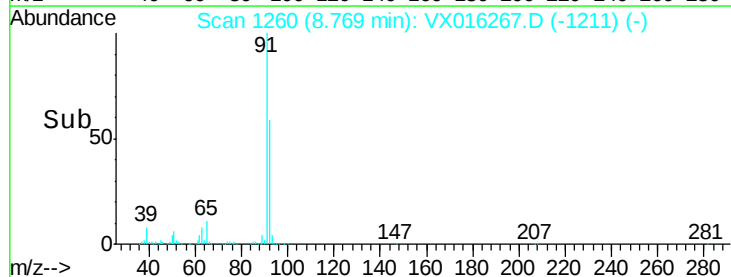
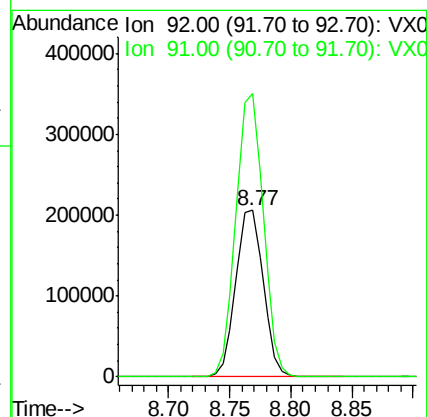
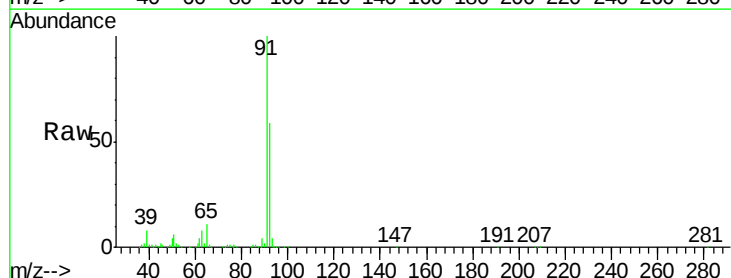
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

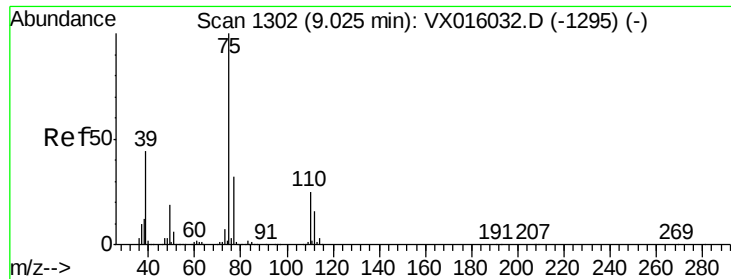
Tgt Ion: 43 Resp: 1118776
 Ion Ratio Lower Upper
 43 100
 58 42.5 33.0 49.4



#52
 Toluene
 Concen: 48.62 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016267.D
 Acq: 15 May 2020 05:59

Tgt Ion: 92 Resp: 321814
 Ion Ratio Lower Upper
 92 100
 91 169.2 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 47.51 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

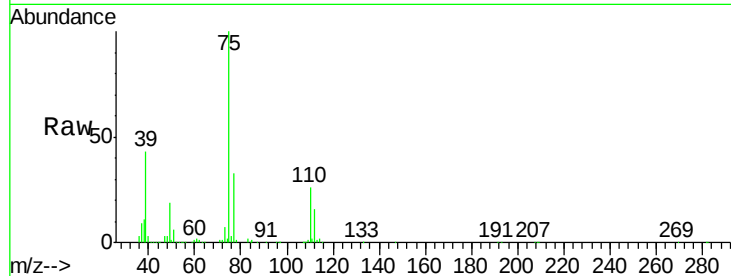
VSTDCCC050EC

Tgt Ion: 75 Resp: 210657

Ion Ratio Lower Upper

75 100

77 32.6 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

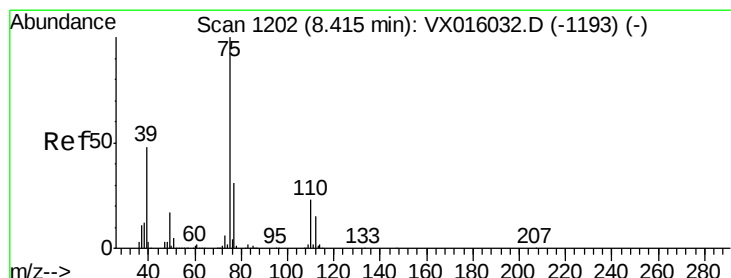
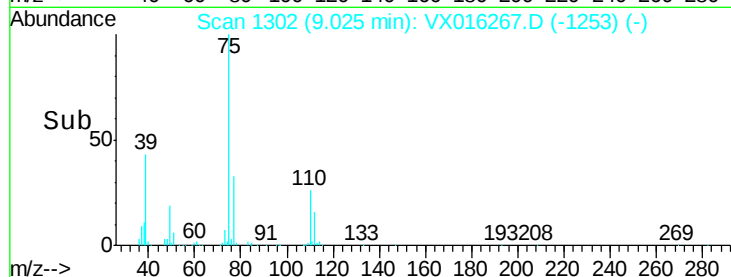
150000

100000

50000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 47.79 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

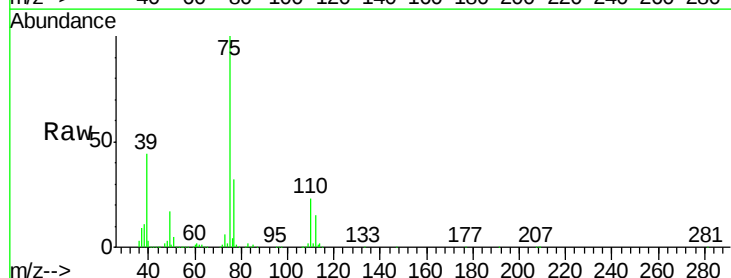
Tgt Ion: 75 Resp: 221319

Ion Ratio Lower Upper

75 100

77 31.6 24.7 37.1

39 43.6 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

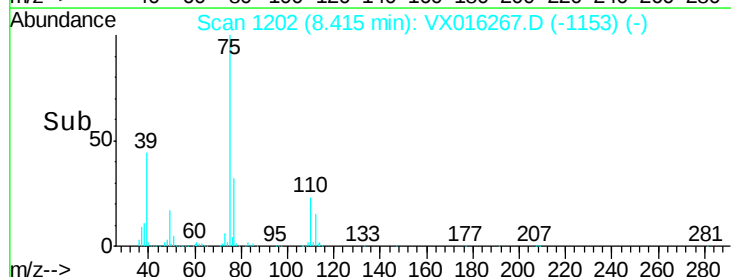
150000

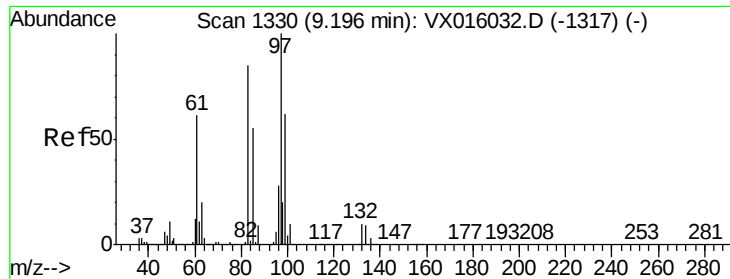
100000

50000

0

Time--> 8.30 8.40 8.50





#55

1,1,2-Trichloroethane

Concen: 53.95 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 140487

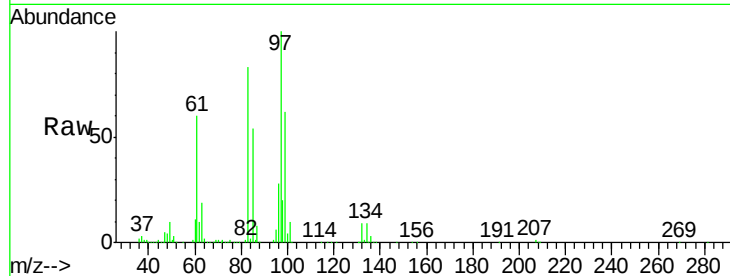
Ion Ratio Lower Upper

97 100

83 83.5 67.8 101.8

85 54.4 43.8 65.8

99 62.1 49.4 74.0

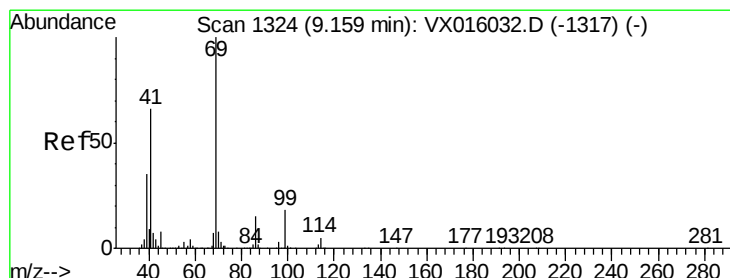
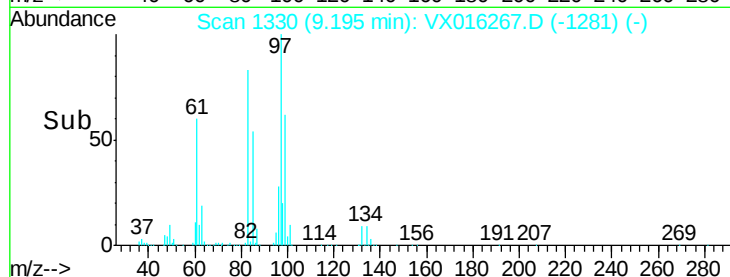
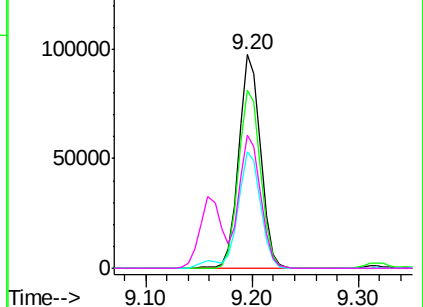


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 55.30 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

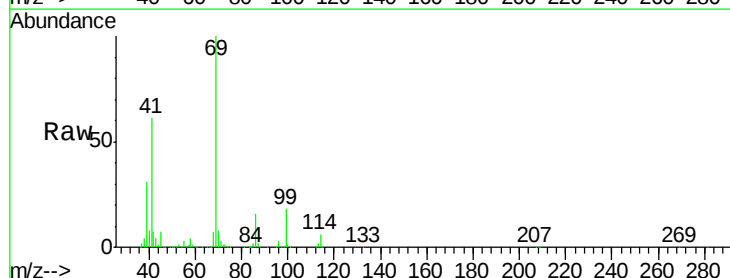
Tgt Ion: 69 Resp: 235046

Ion Ratio Lower Upper

69 100

41 61.5 52.2 78.4

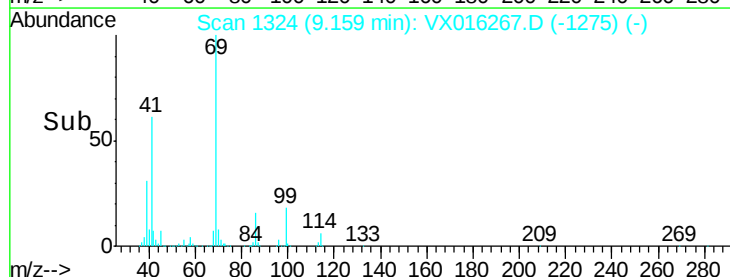
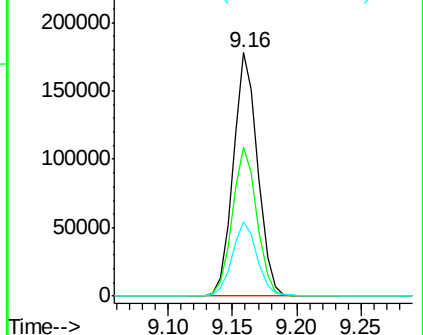
39 31.0 28.2 42.4

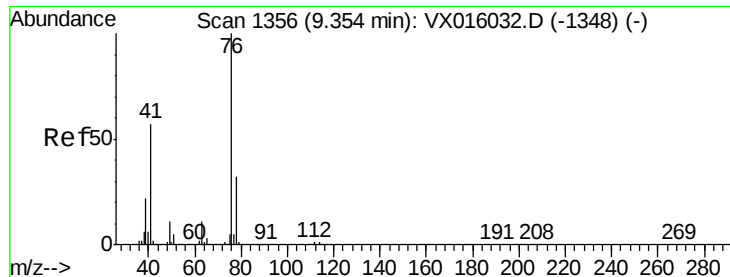


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.11 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

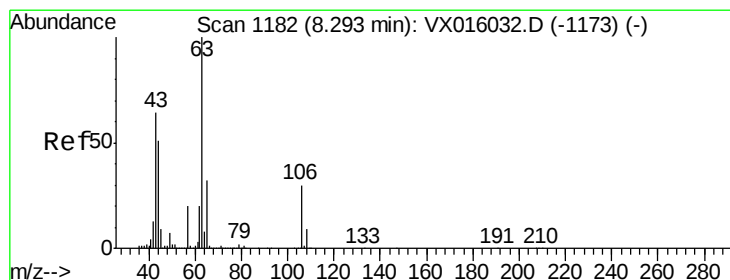
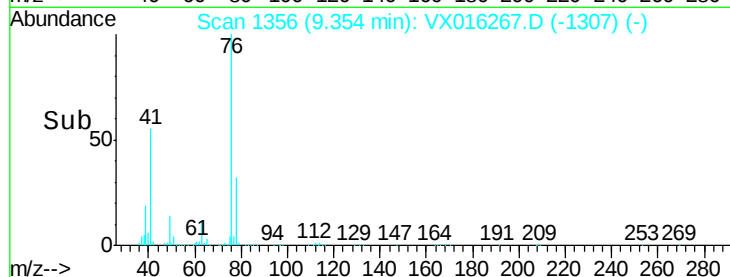
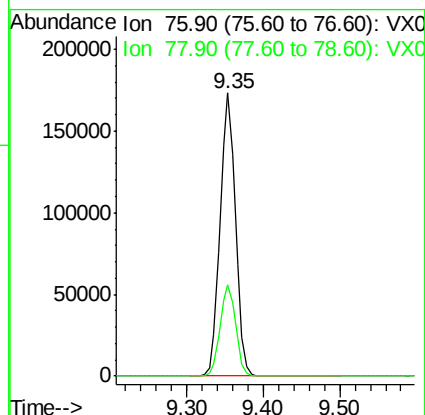
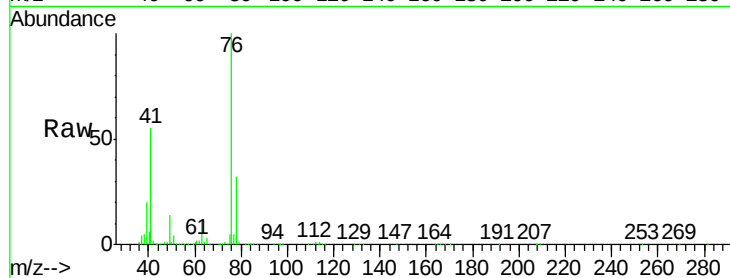
VSTDCCC050EC

Tgt Ion: 76 Resp: 241319

Ion Ratio Lower Upper

76 100

78 32.6 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 275.96 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016267.D

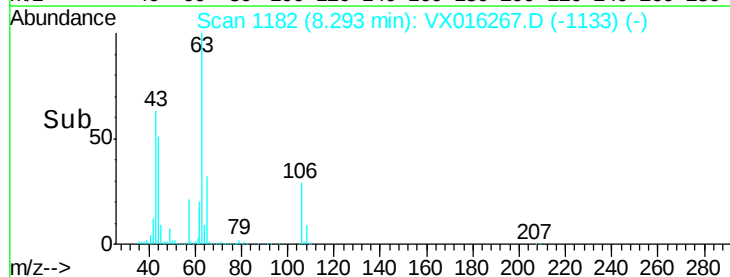
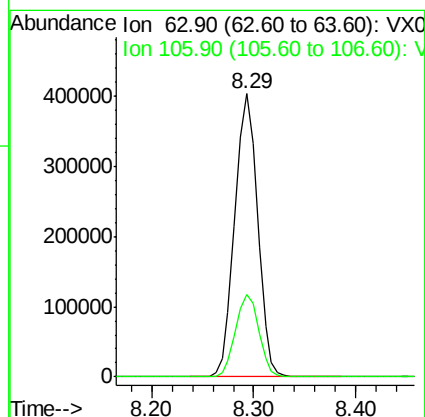
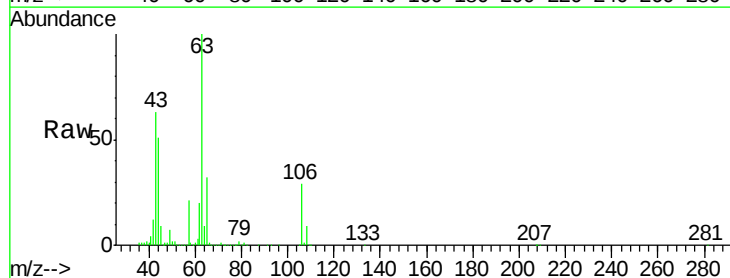
Acq: 15 May 2020 05:59

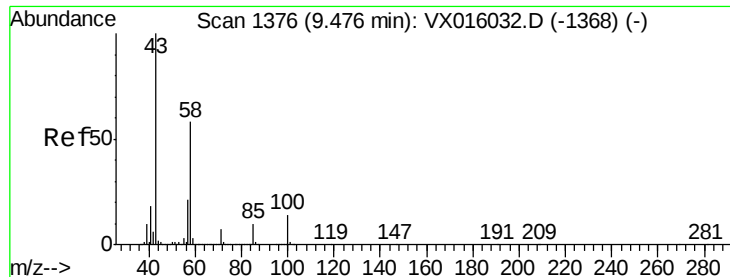
Tgt Ion: 63 Resp: 624450

Ion Ratio Lower Upper

63 100

106 29.6 23.4 35.2

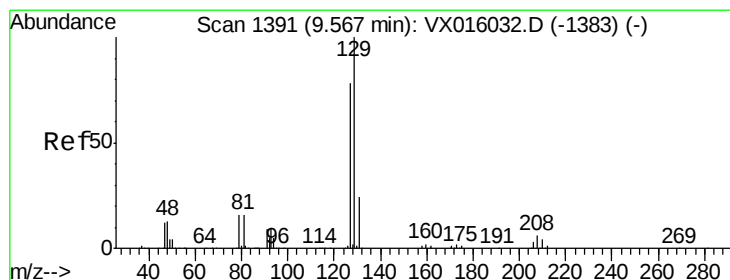
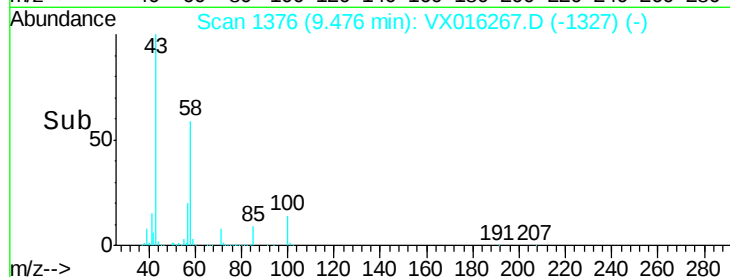
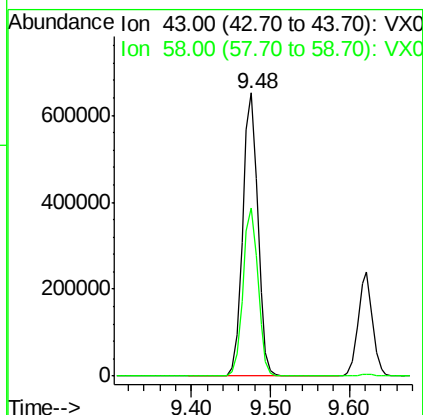
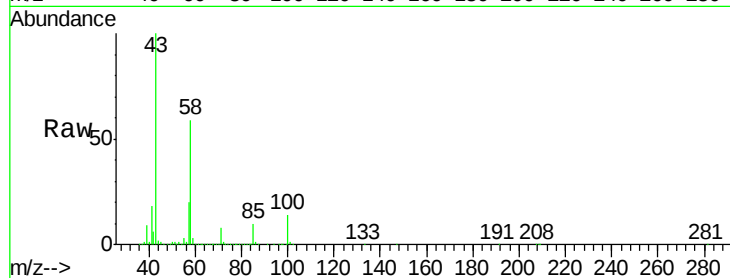




#59
2-Hexanone
Concen: 268.62 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

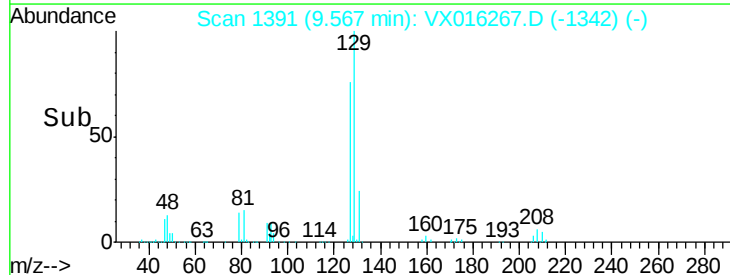
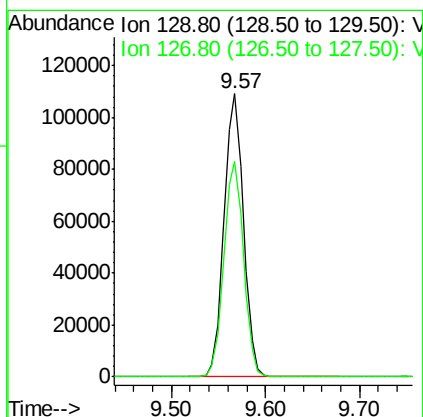
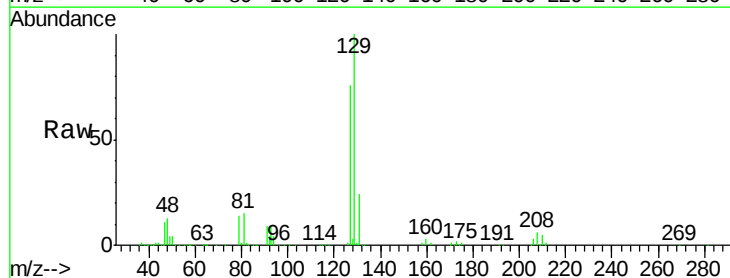
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

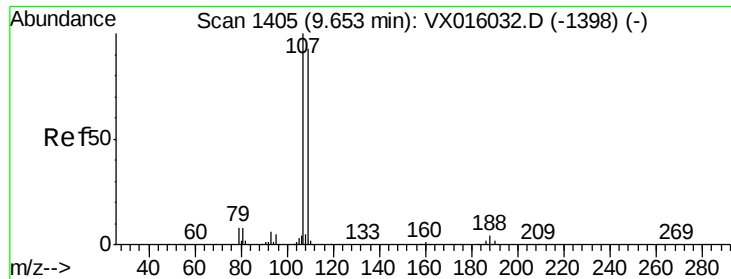
Tgt Ion: 43 Resp: 866316
Ion Ratio Lower Upper
43 100
58 59.3 28.6 85.9



#60
Dibromochloromethane
Concen: 54.43 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

Tgt Ion: 129 Resp: 156097
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2

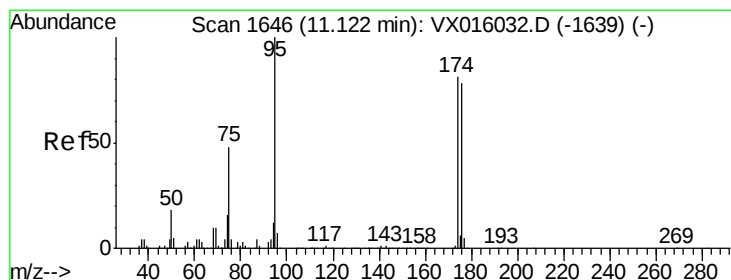
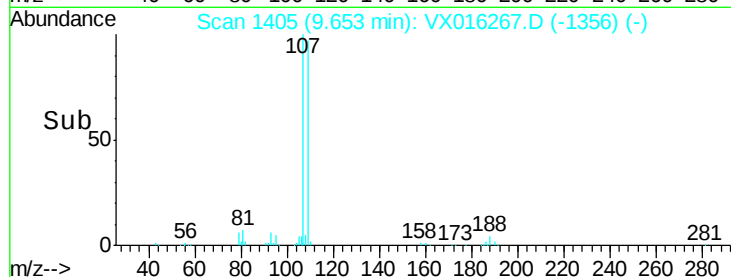
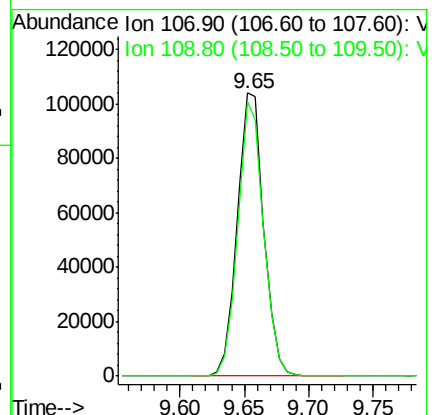
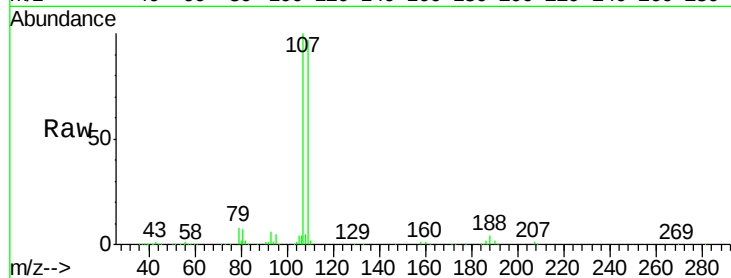




#61
 1,2-Dibromoethane
 Concen: 52.81 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016267.D
 Acq: 15 May 2020 05:59

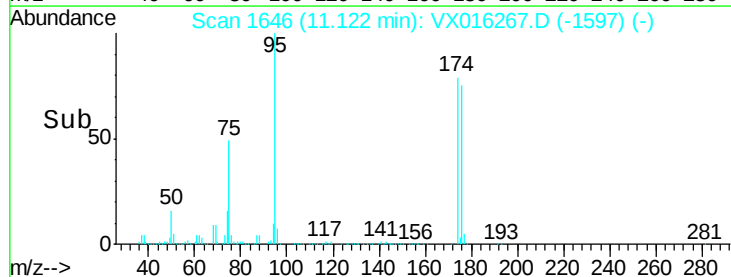
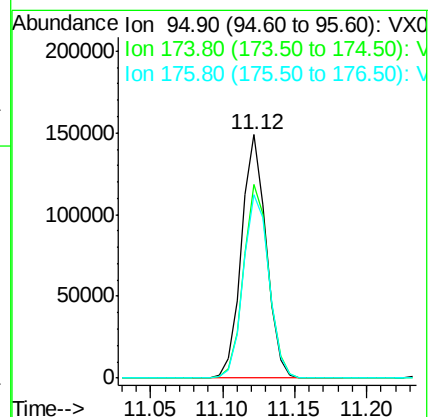
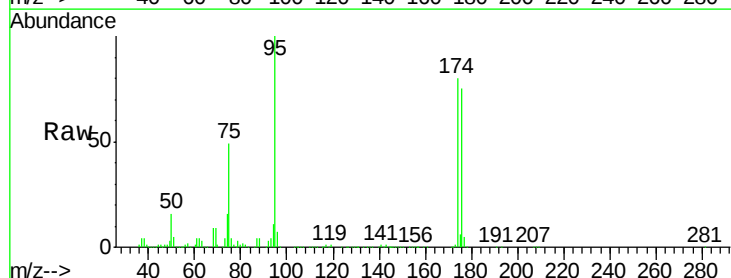
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 107 Resp: 148949
 Ion Ratio Lower Upper
 107 100
 109 94.2 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 51.99 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016267.D
 Acq: 15 May 2020 05:59

Tgt Ion: 95 Resp: 177962
 Ion Ratio Lower Upper
 95 100
 174 80.6 0.0 159.4
 176 78.2 0.0 157.6

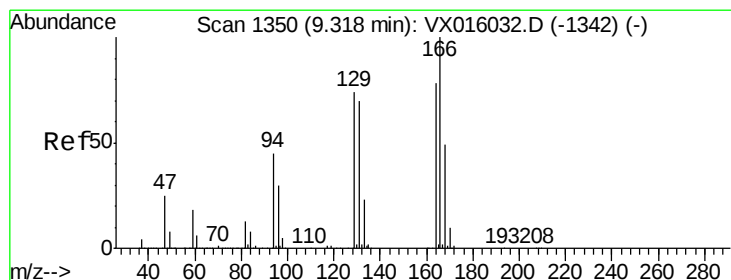
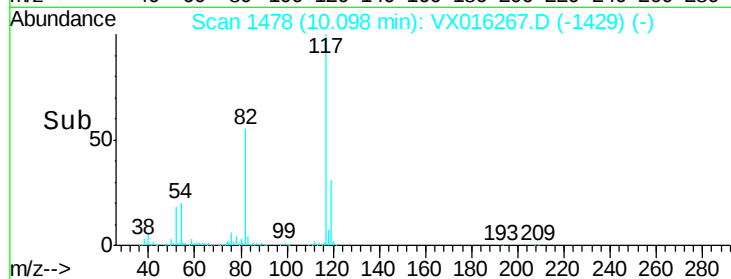
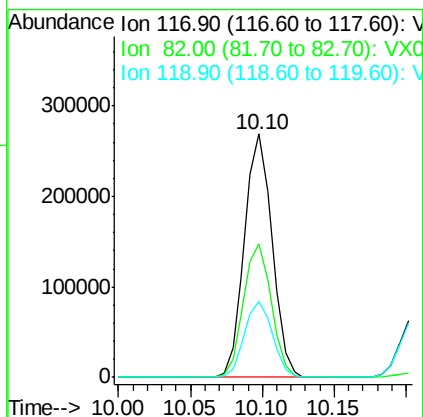
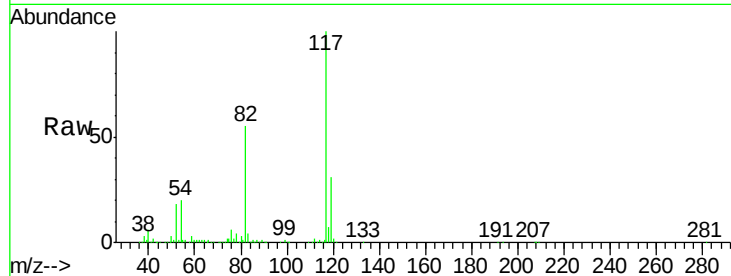




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

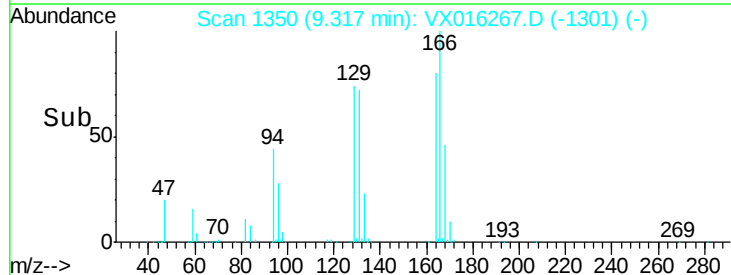
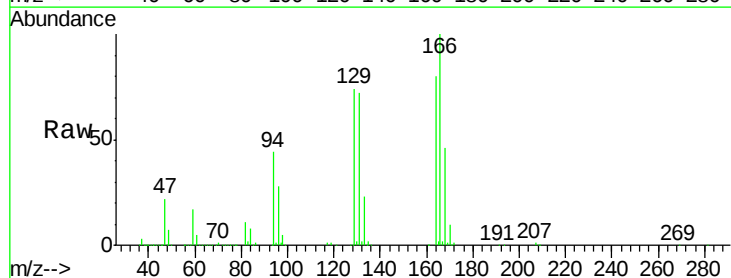
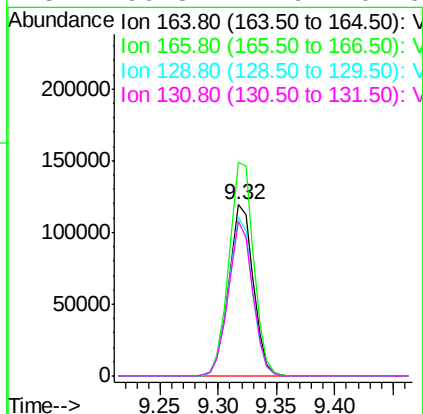
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

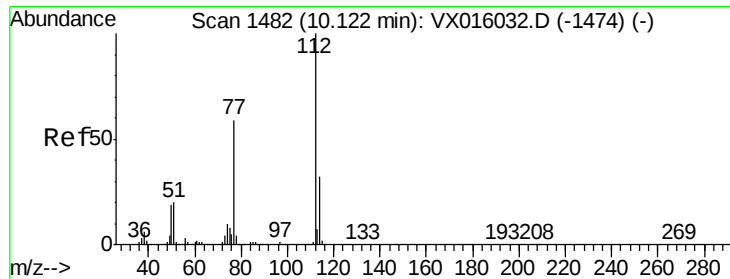
Tgt Ion:117 Resp: 357754
Ion Ratio Lower Upper
117 100
82 54.8 44.4 66.6
119 31.1 25.5 38.3



#64
Tetrachloroethene
Concen: 39.85 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

Tgt Ion:164 Resp: 175008
Ion Ratio Lower Upper
164 100
166 124.5 102.9 154.3
129 92.6 76.1 114.1
131 90.3 71.9 107.9

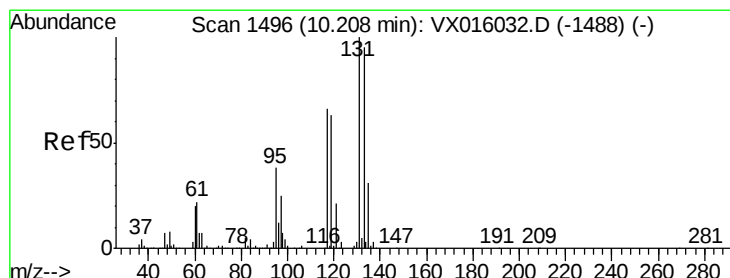
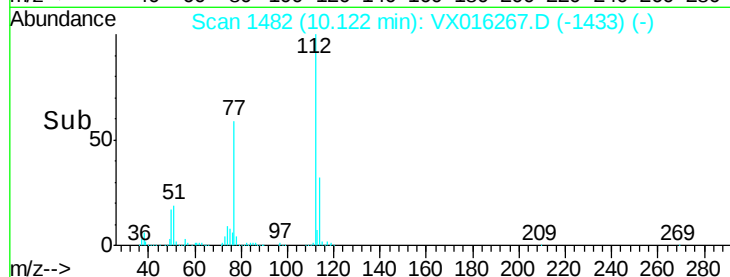
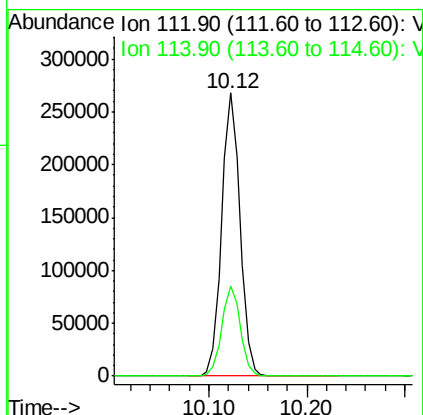
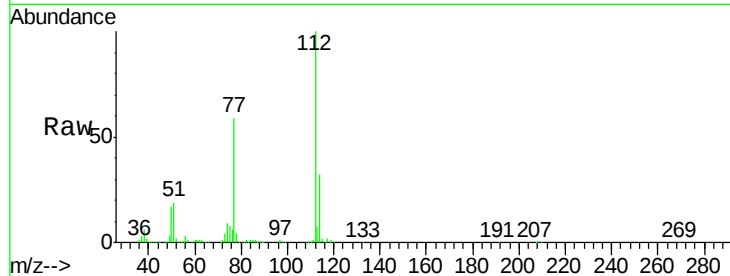




#65
Chlorobenzene
Concen: 46.60 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

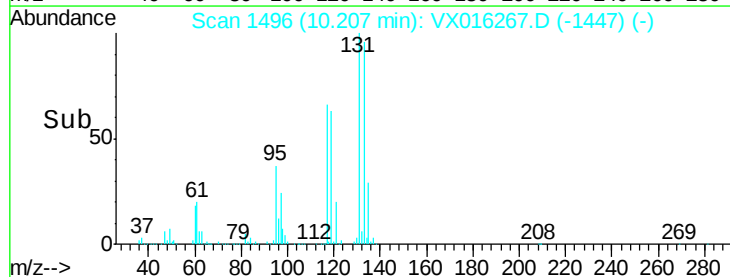
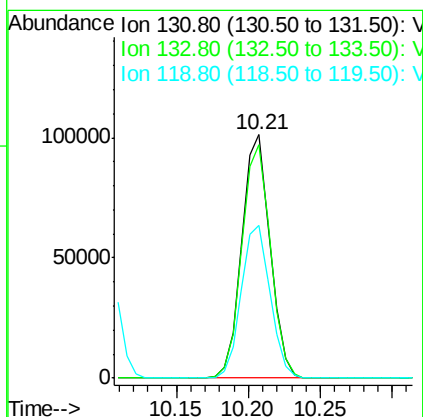
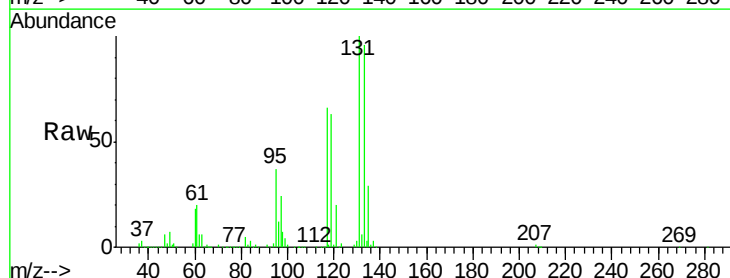
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

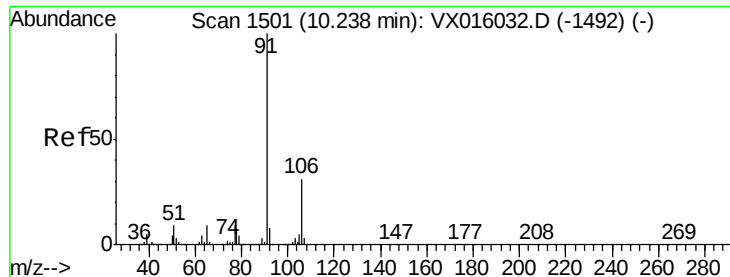
Tgt Ion:112 Resp: 349077
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.72 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

Tgt Ion:131 Resp: 137658
Ion Ratio Lower Upper
131 100
133 97.0 48.3 144.8
119 64.4 32.3 96.9

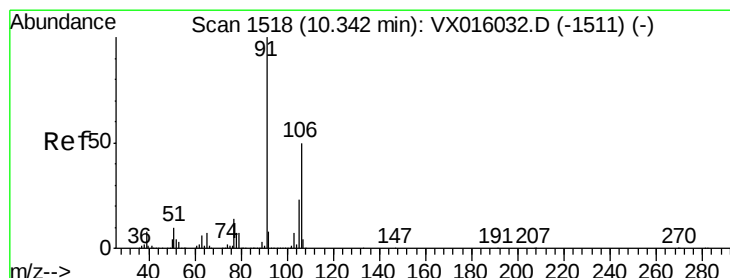
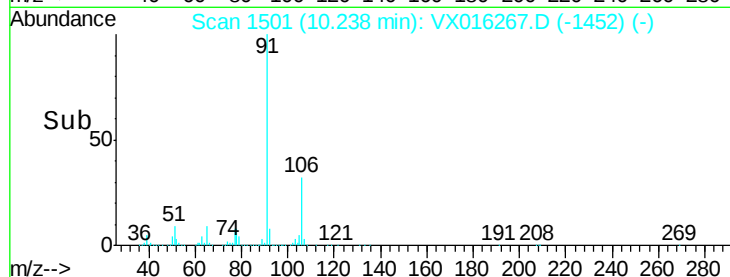
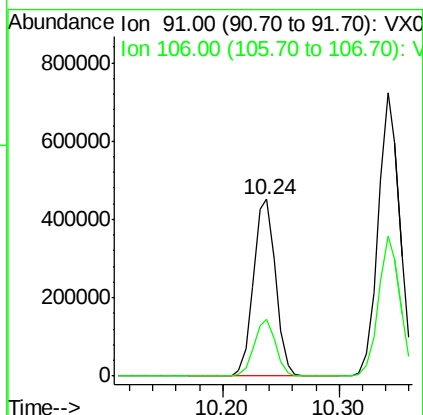
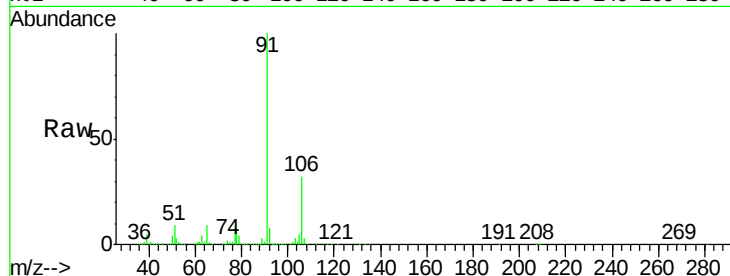




#67
Ethyl Benzene
Concen: 44.76 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

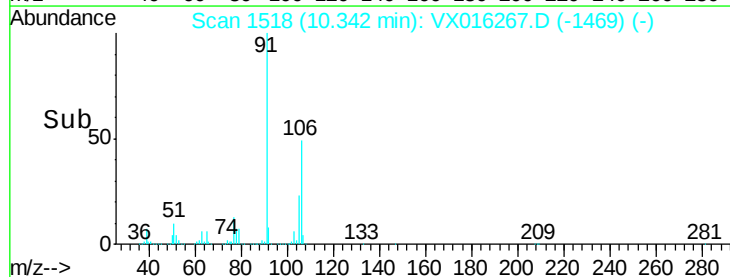
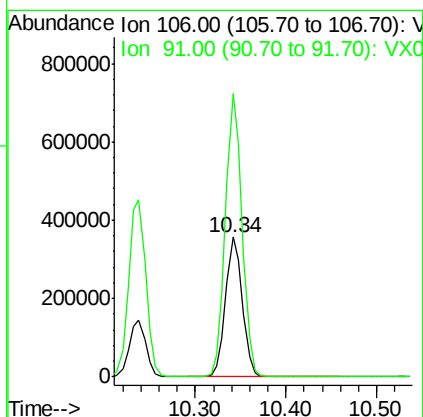
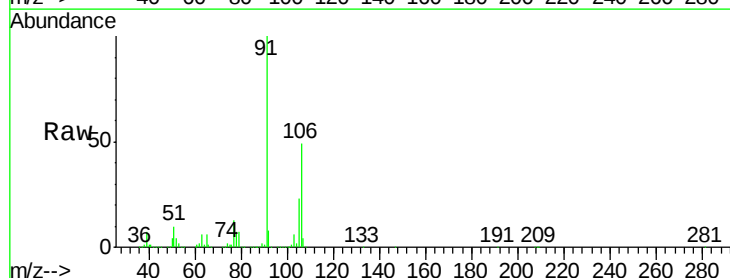
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 598222
Ion Ratio Lower Upper
91 100
106 31.9 25.1 37.7



#68
m/p-Xylenes
Concen: 91.42 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

Tgt Ion: 106 Resp: 457808
Ion Ratio Lower Upper
106 100
91 202.1 161.7 242.5

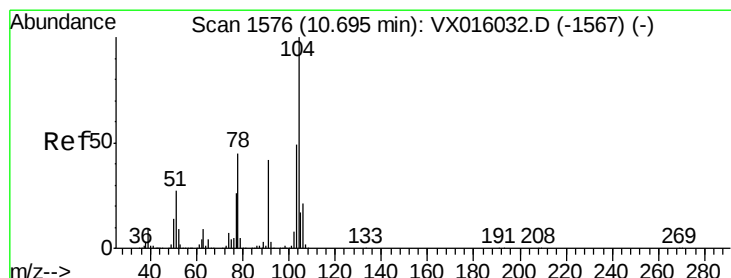
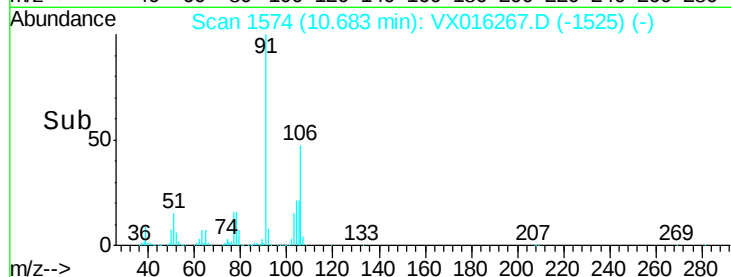
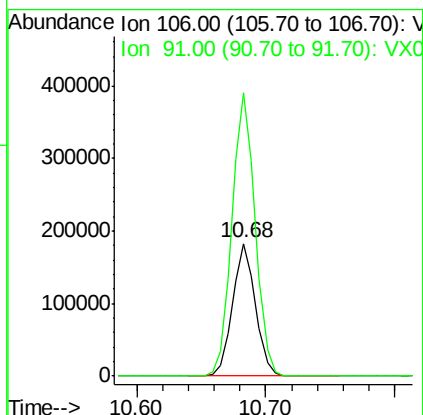
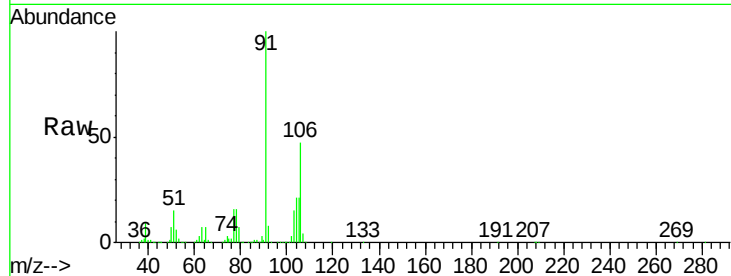




#69
o-Xylene
Concen: 47.04 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

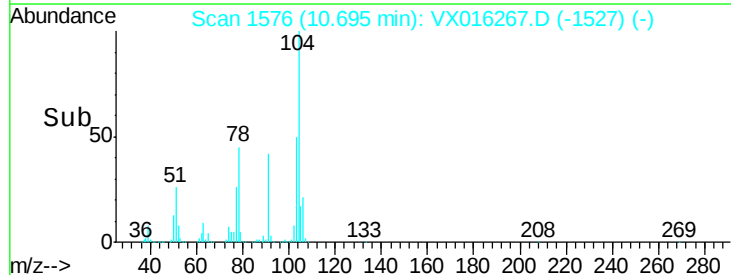
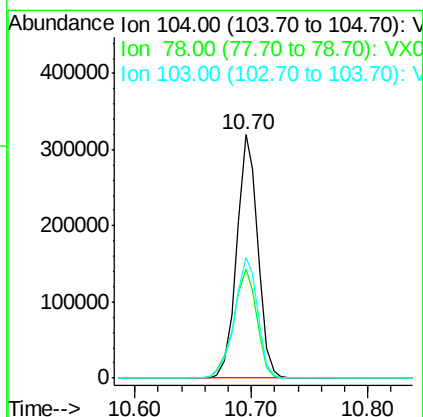
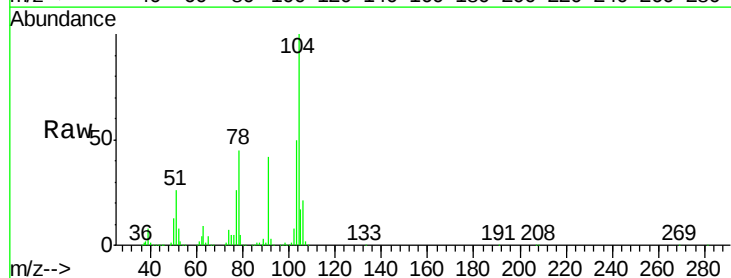
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

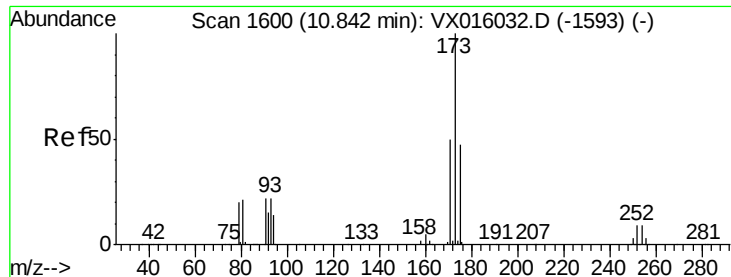
Tgt Ion:106 Resp: 226451
Ion Ratio Lower Upper
106 100
91 216.7 107.5 322.6



#70
Styrene
Concen: 49.22 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

Tgt Ion:104 Resp: 401939
Ion Ratio Lower Upper
104 100
78 49.6 40.2 60.2
103 54.2 43.0 64.6





#71

Bromoform

Concen: 54.64 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

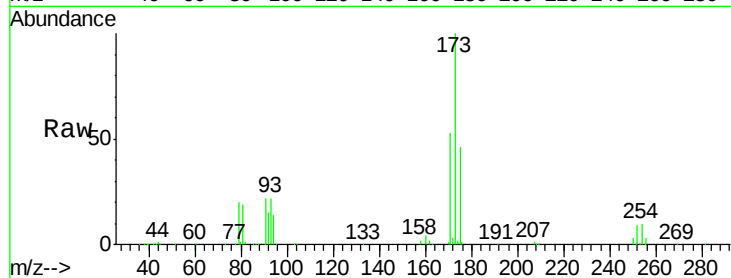
Tgt Ion:173 Resp: 123250

Ion Ratio Lower Upper

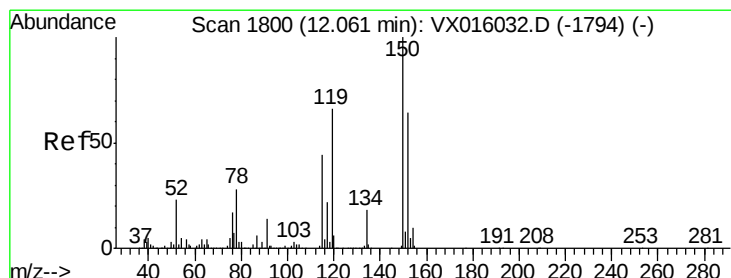
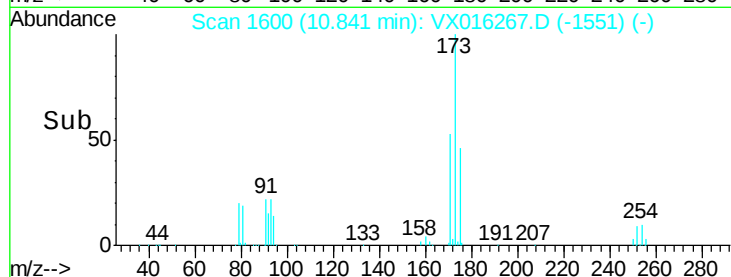
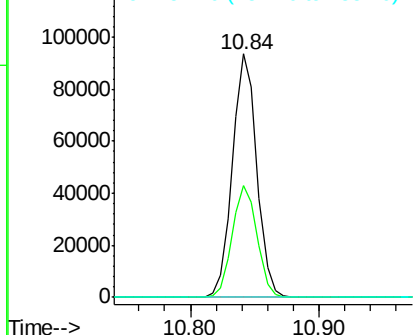
173 100

175 47.0 24.0 72.0

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: 50.00 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

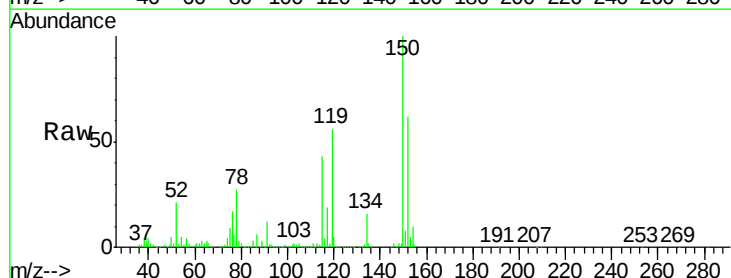
Tgt Ion:152 Resp: 180573

Ion Ratio Lower Upper

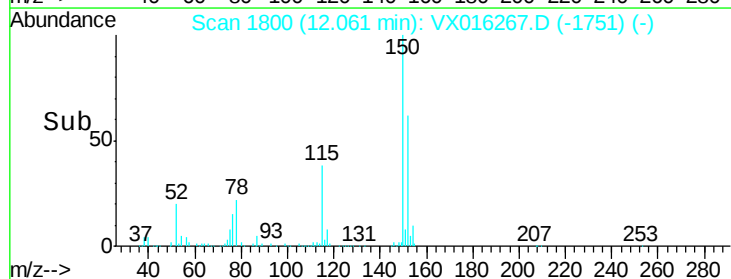
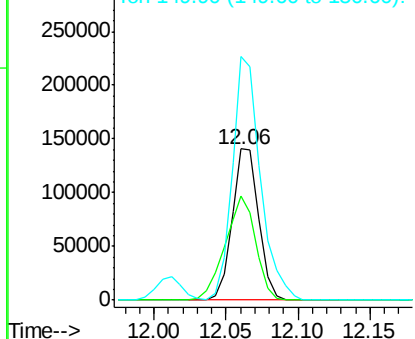
152 100

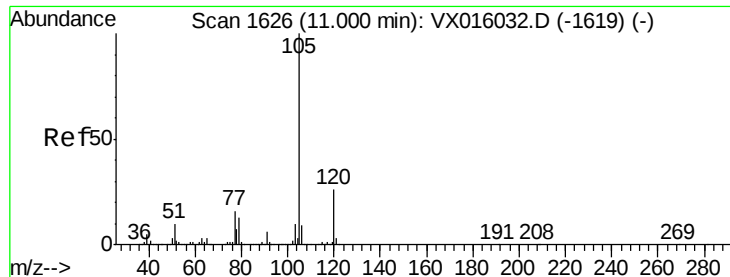
115 79.1 41.3 124.1

150 171.3 0.0 352.2



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





#73

Isopropylbenzene

Concen: 42.86 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

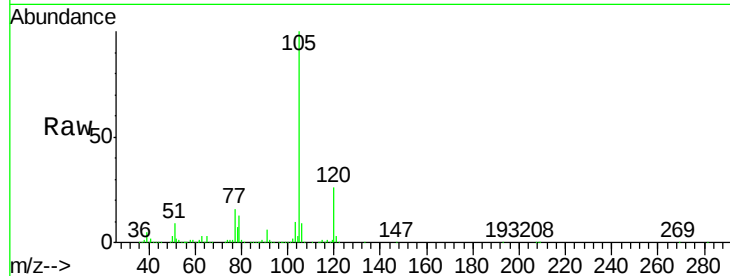
VSTDCCC050EC

Tgt Ion: 105 Resp: 562926

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

400000

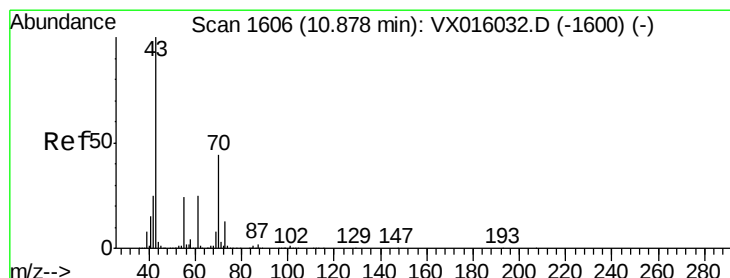
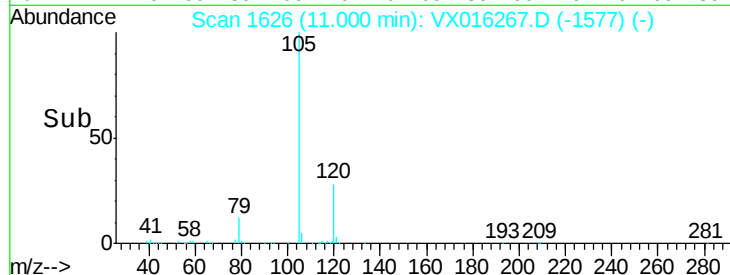
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 48.28 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Tgt Ion: 43 Resp: 295772

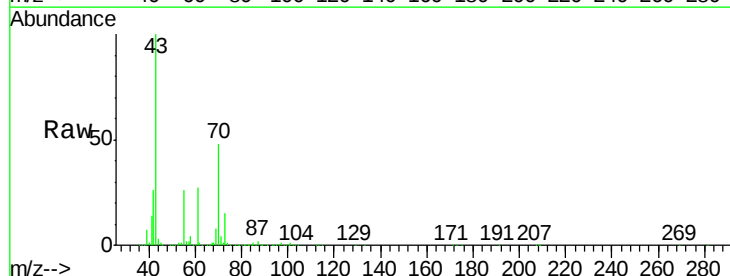
Ion Ratio Lower Upper

43 100

70 46.5 36.5 54.7

55 25.7 19.7 29.5

61 26.6 20.9 31.3



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

10.88

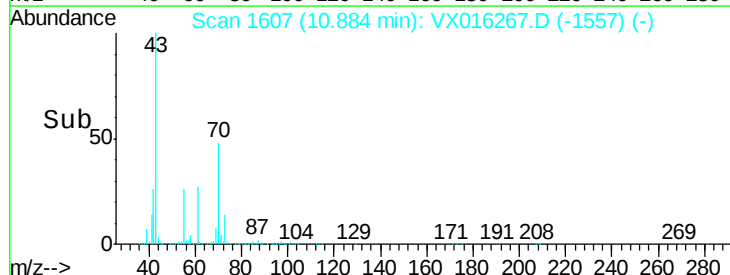
300000

200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 65.04 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

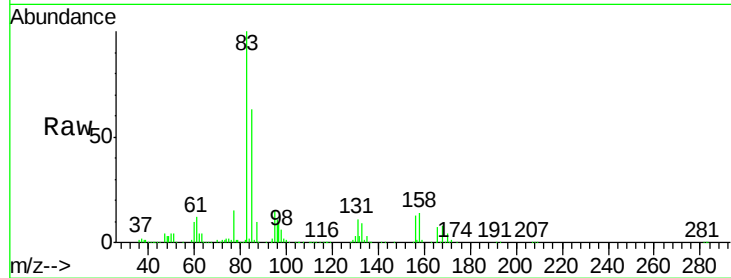
Tgt Ion: 83 Resp: 174138

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

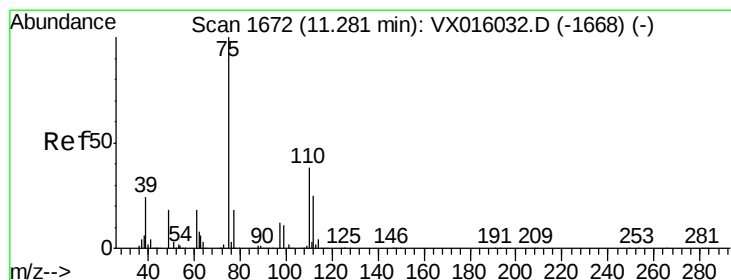
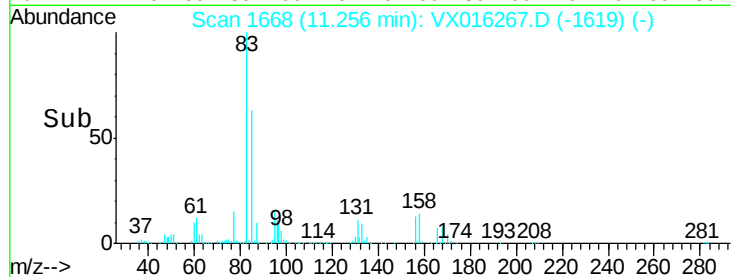
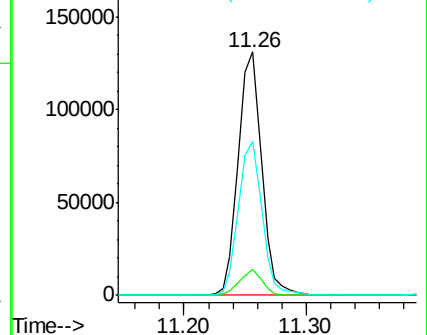
85 63.7 32.0 96.0



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: 65.22 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016267.D

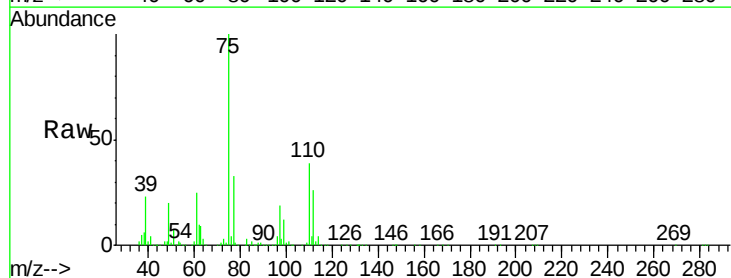
Acq: 15 May 2020 05:59

Tgt Ion: 75 Resp: 267240

Ion Ratio Lower Upper

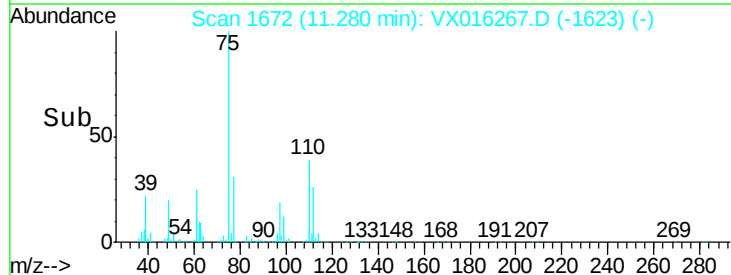
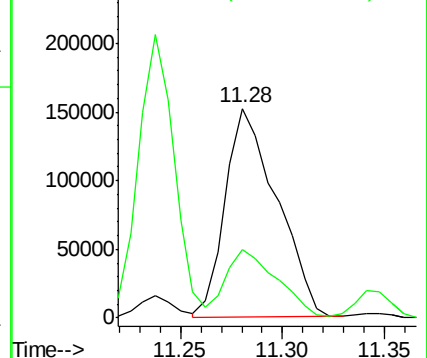
75 100

77 32.4 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.68 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

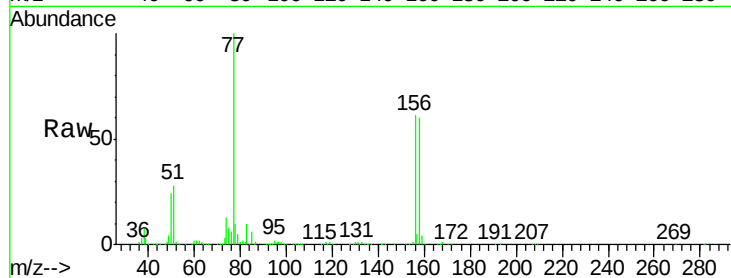
Tgt Ion:156 Resp: 158237

Ion Ratio Lower Upper

156 100

77 159.9 80.1 240.3

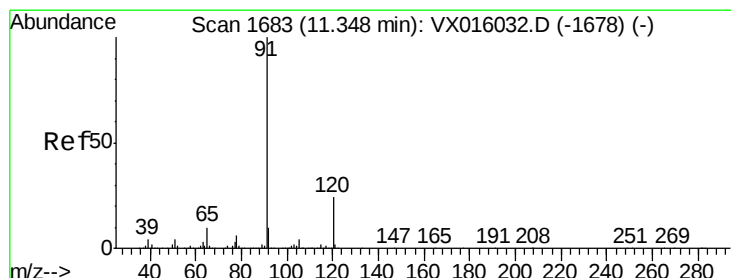
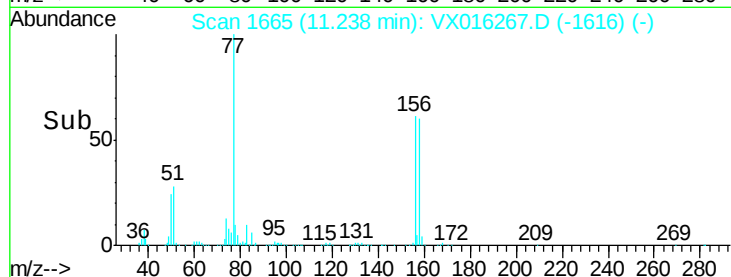
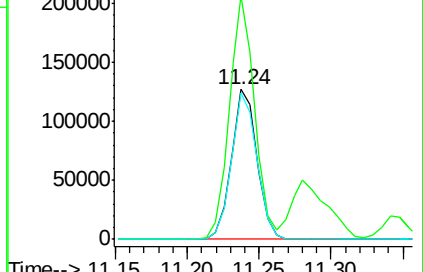
158 97.6 49.4 148.2



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: 41.53 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016267.D

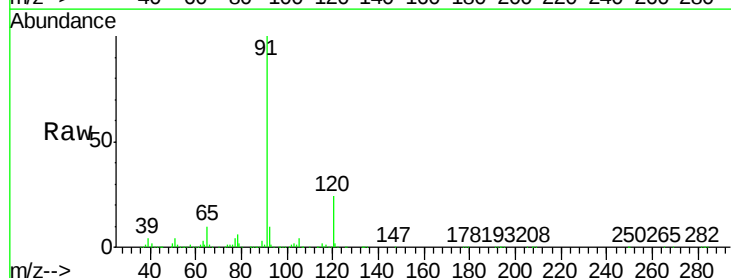
Acq: 15 May 2020 05:59

Tgt Ion: 91 Resp: 634560

Ion Ratio Lower Upper

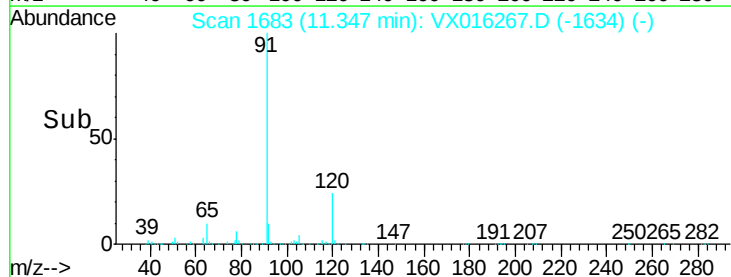
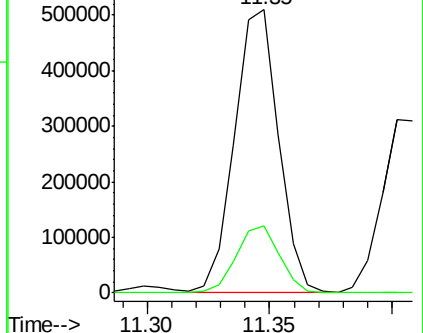
91 100

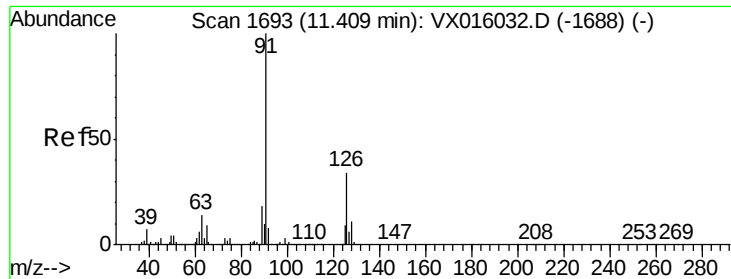
120 23.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.18 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

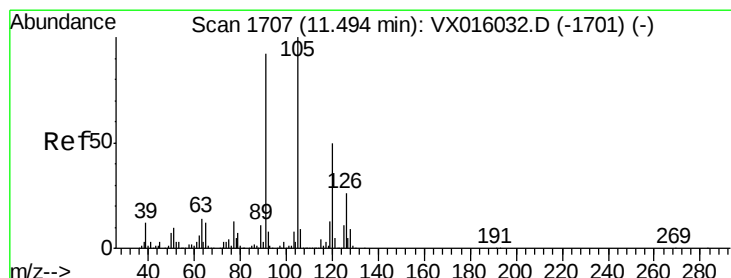
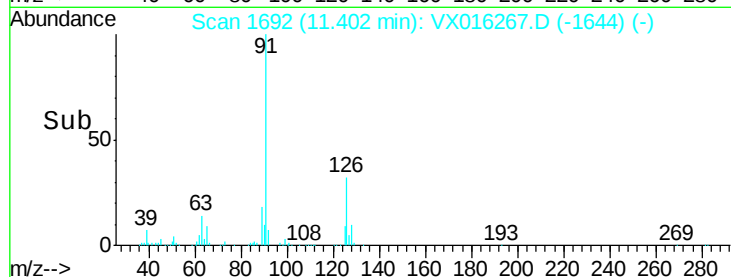
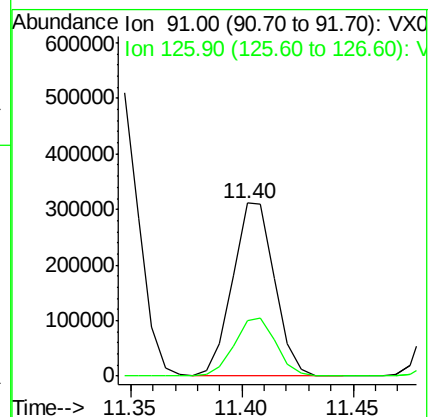
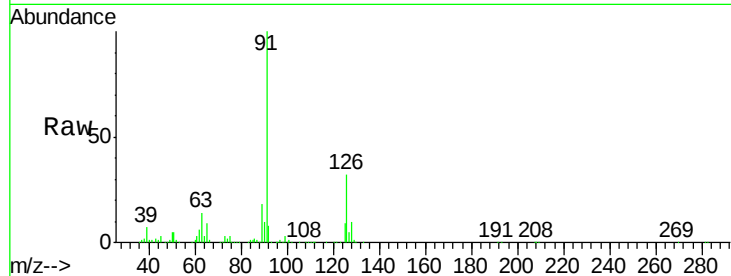
VSTDCCC050EC

Tgt Ion: 91 Resp: 407500

Ion Ratio Lower Upper

91 100

126 33.3 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 44.29 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016267.D

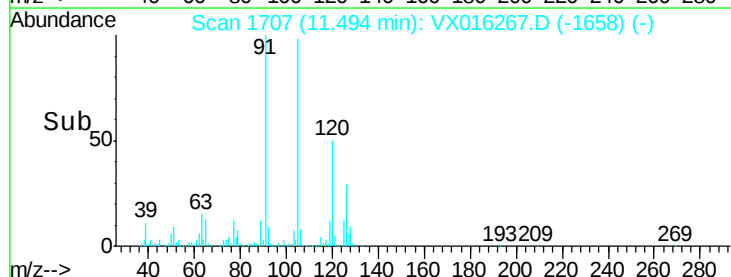
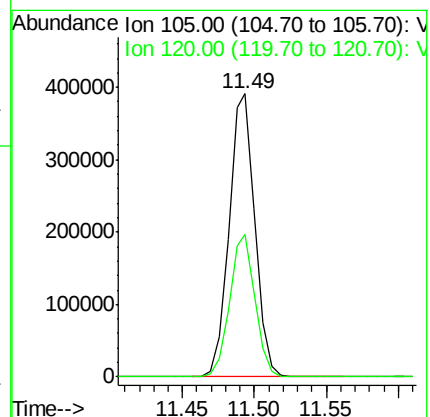
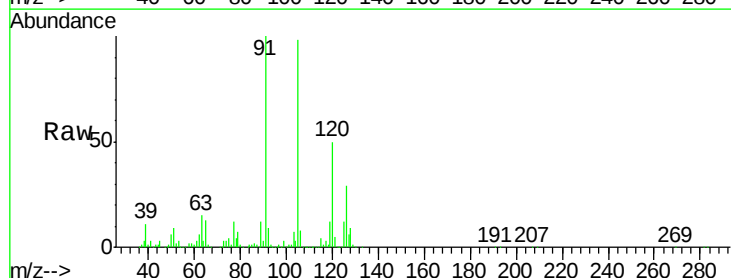
Acq: 15 May 2020 05:59

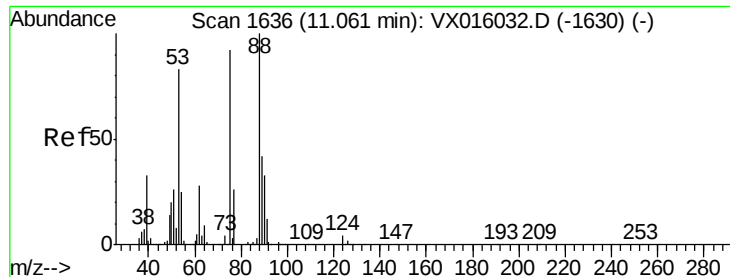
Tgt Ion: 105 Resp: 491184

Ion Ratio Lower Upper

105 100

120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 44.57 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

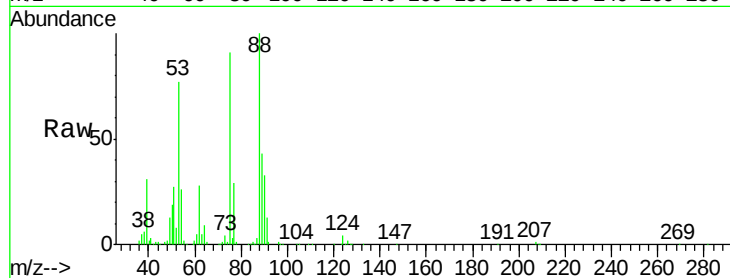
Tgt Ion: 75 Resp: 76632

Ion Ratio Lower Upper

75 100

53 85.8 73.1 109.7

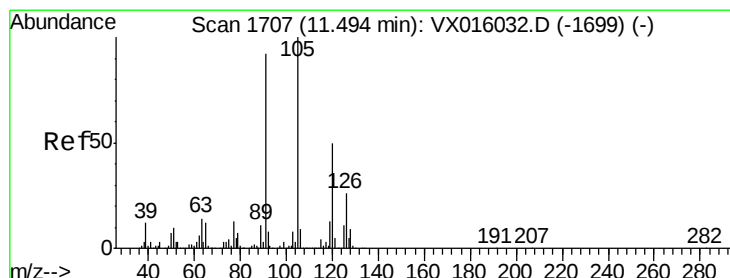
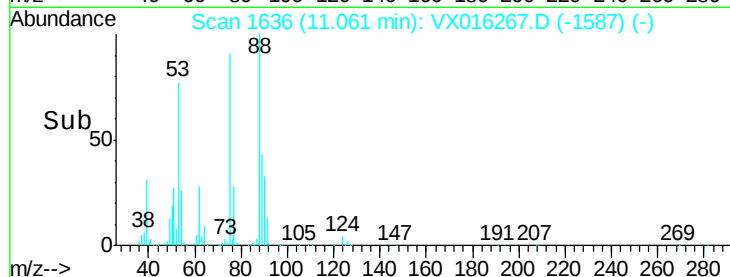
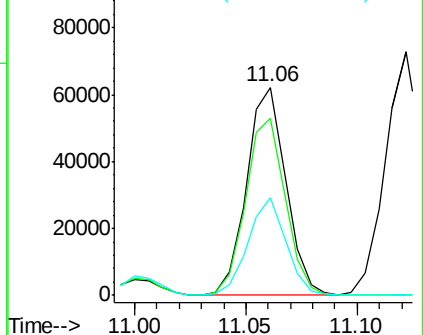
89 45.3 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 45.14 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016267.D

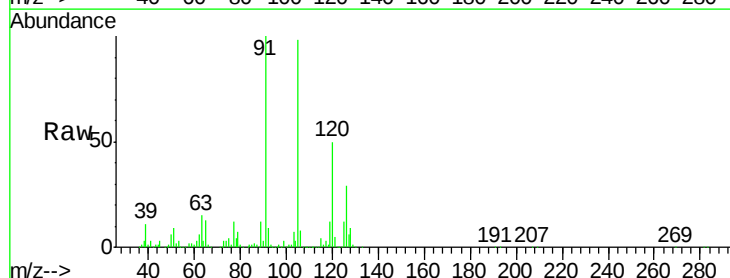
Acq: 15 May 2020 05:59

Tgt Ion: 91 Resp: 480732

Ion Ratio Lower Upper

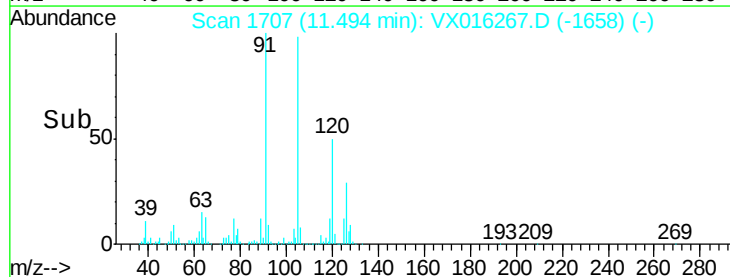
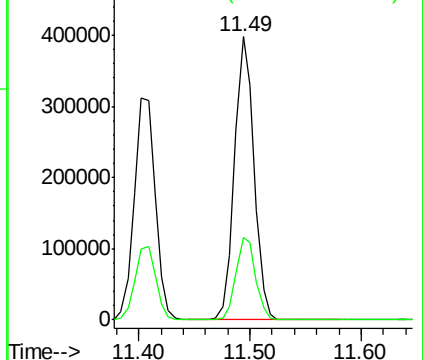
91 100

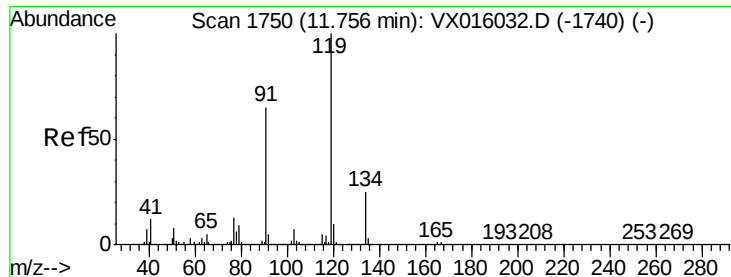
126 29.5 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

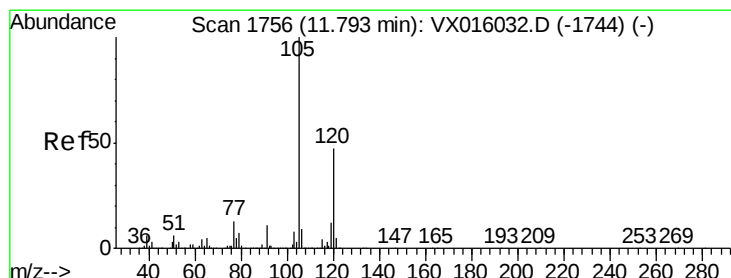
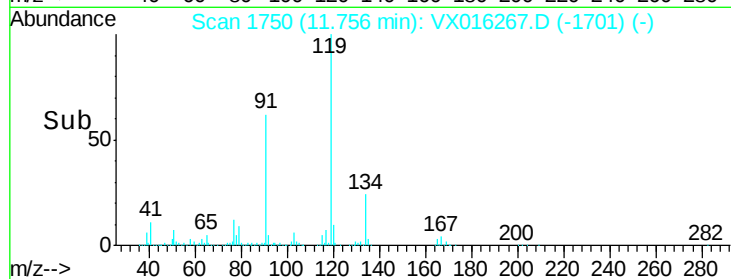
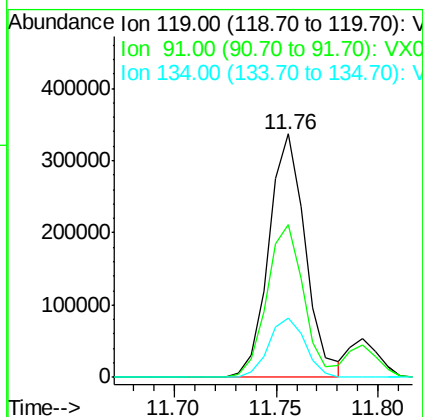
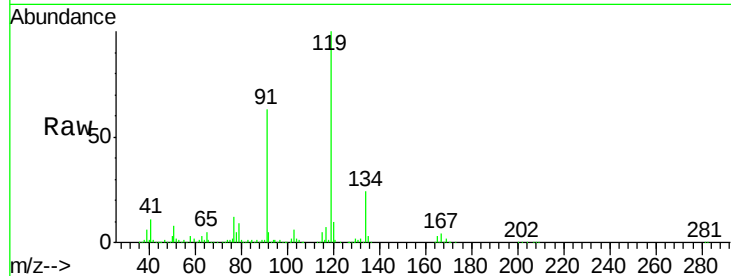




#83
 tert-Butylbenzene
 Concen: 44.12 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016267.D
 Acq: 15 May 2020 05:59

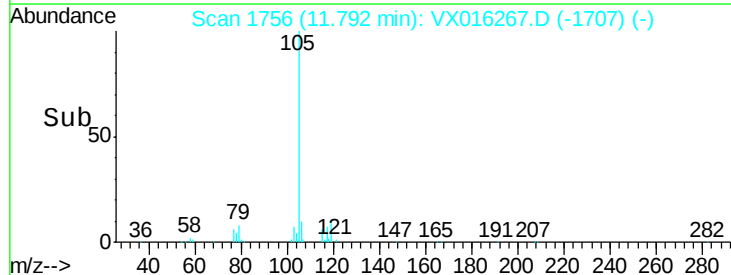
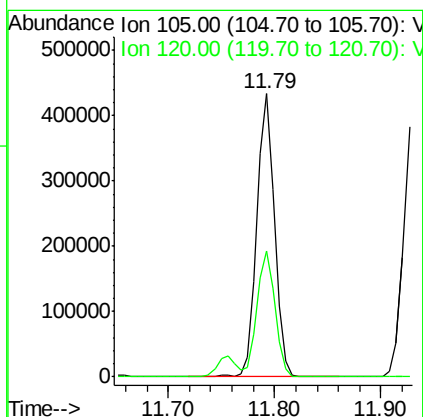
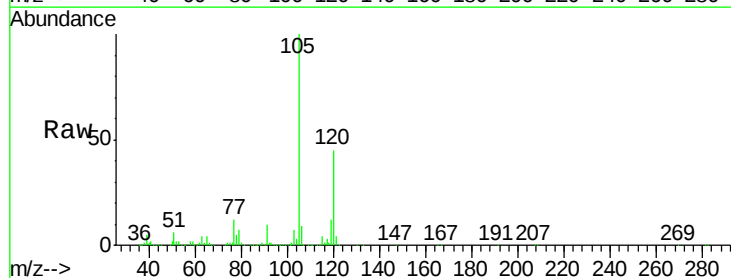
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

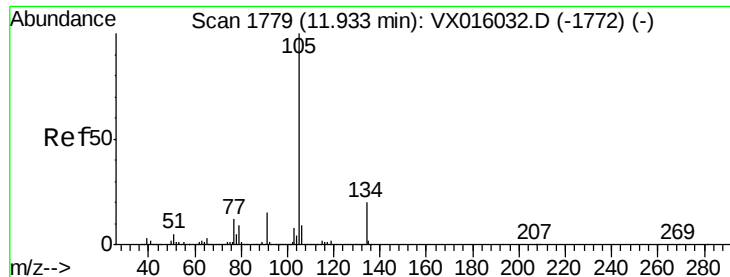
Tgt Ion:119 Resp: 421618
 Ion Ratio Lower Upper
 119 100
 91 62.2 32.8 98.4
 134 24.4 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 45.32 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016267.D
 Acq: 15 May 2020 05:59

Tgt Ion:105 Resp: 508133
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.0 69.0

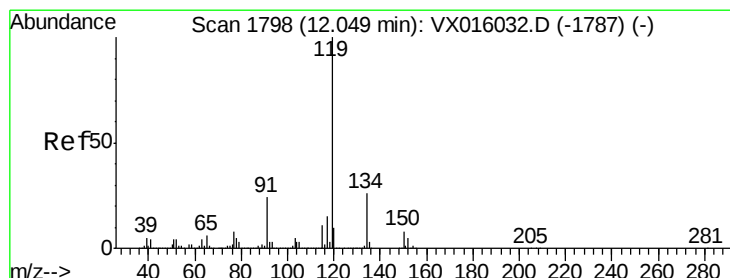
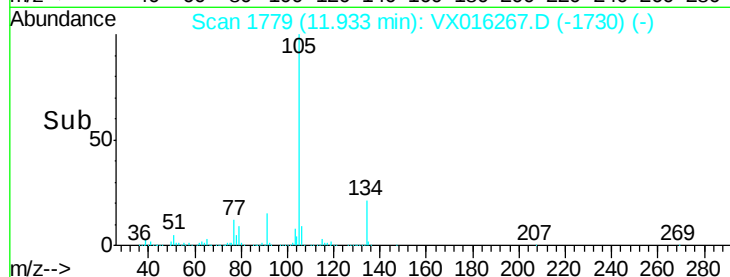
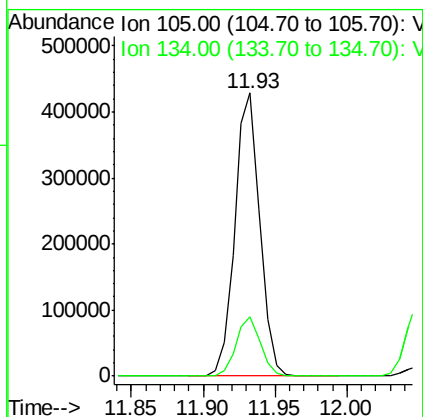
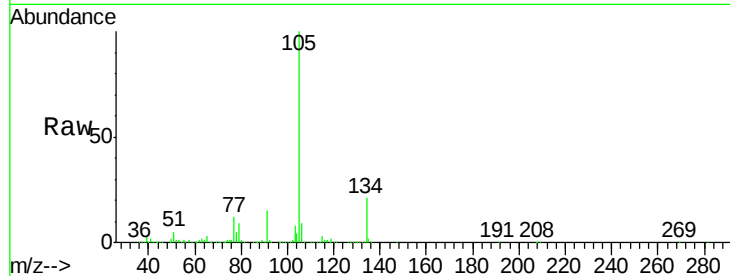




#85
 sec-Butylbenzene
 Concen: 40.03 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016267.D
 Acq: 15 May 2020 05:59

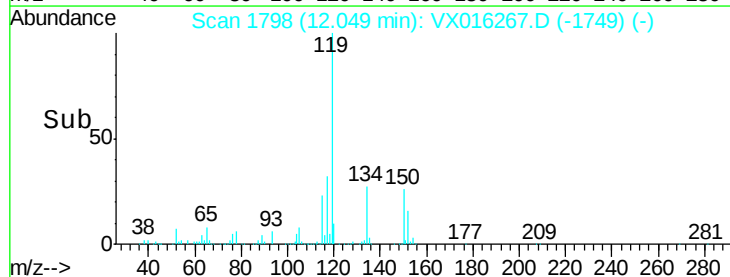
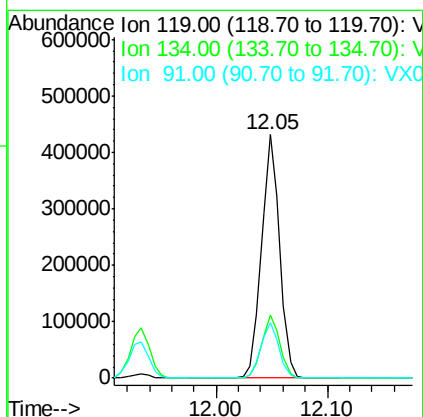
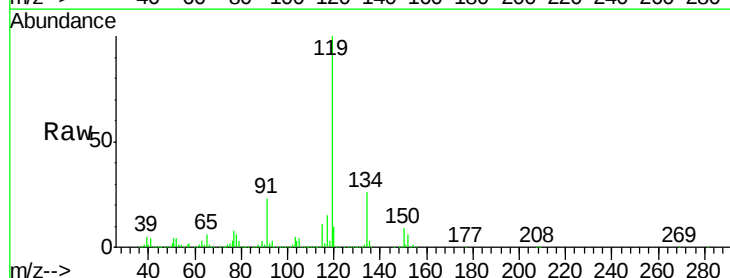
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

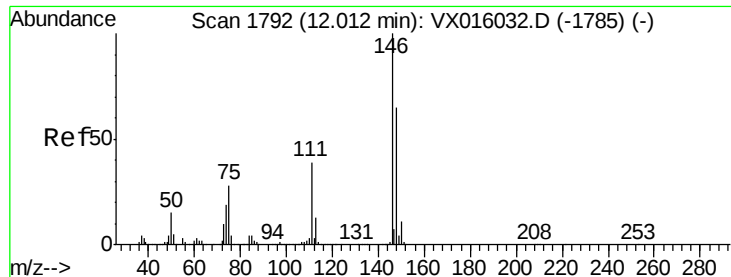
Tgt Ion:105 Resp: 516533
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 41.11 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016267.D
 Acq: 15 May 2020 05:59

Tgt Ion:119 Resp: 492495
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 23.2 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 44.88 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

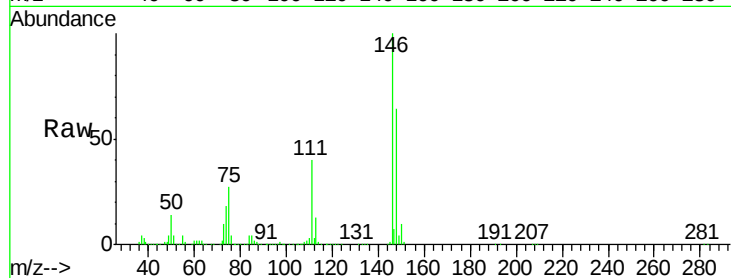
Tgt Ion:146 Resp: 273205

Ion Ratio Lower Upper

146 100

111 40.5 20.2 60.6

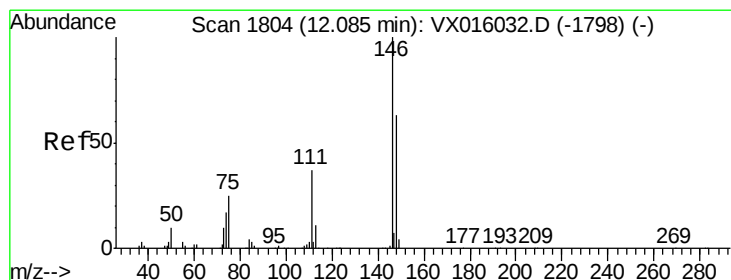
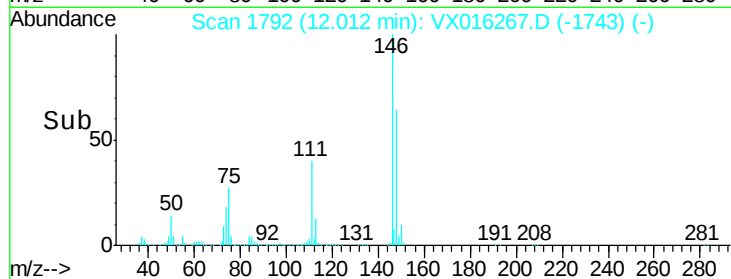
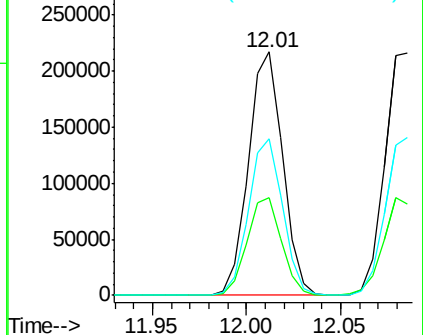
148 64.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 44.39 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VX016267.D

Acq: 15 May 2020 05:59

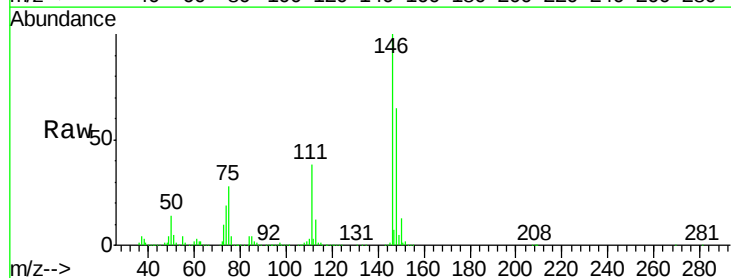
Tgt Ion:146 Resp: 274228

Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.7

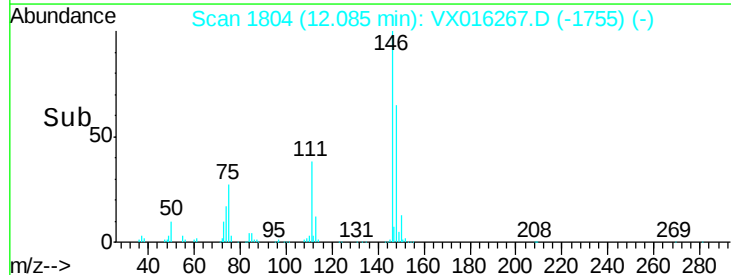
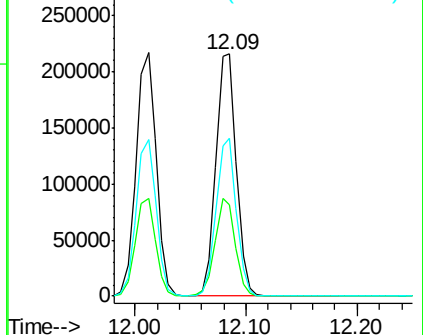
148 64.2 31.8 95.3

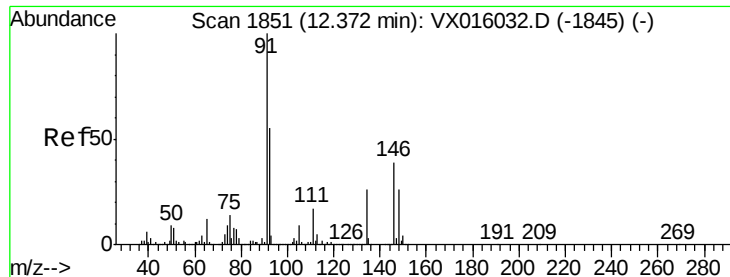


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

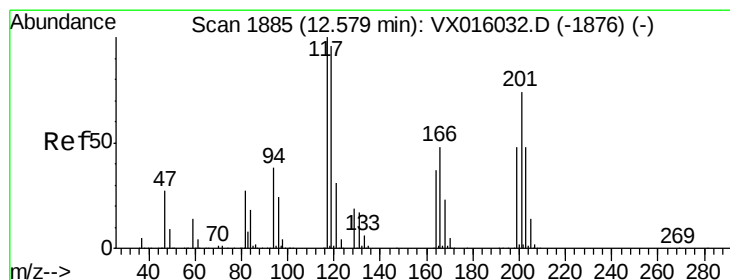
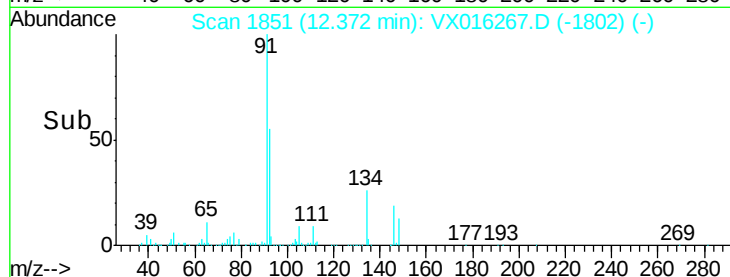
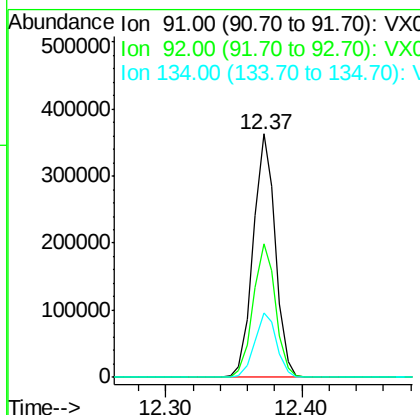
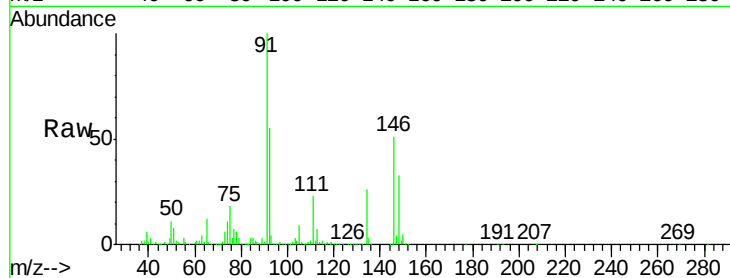




#89
n-Butylbenzene
Concen: 37.78 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

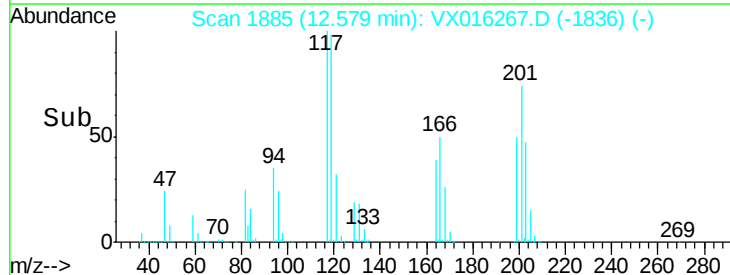
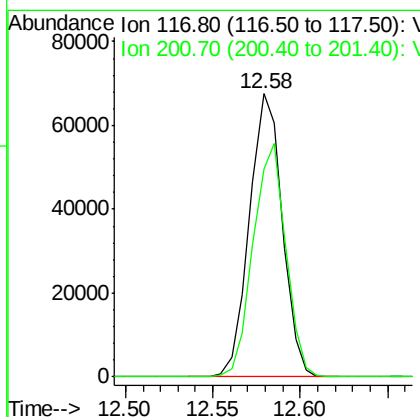
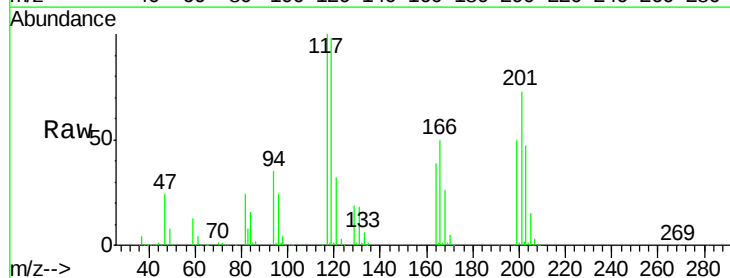
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

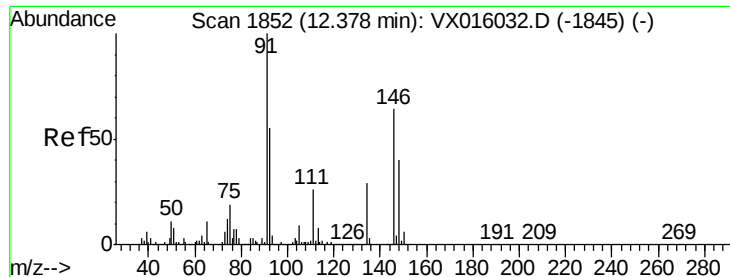
Tgt Ion: 91 Resp: 413527
Ion Ratio Lower Upper
91 100
92 55.3 27.6 82.7
134 26.6 13.4 40.1



#90
Hexachloroethane
Concen: 42.97 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

Tgt Ion: 117 Resp: 88410
Ion Ratio Lower Upper
117 100
201 81.4 39.8 119.3

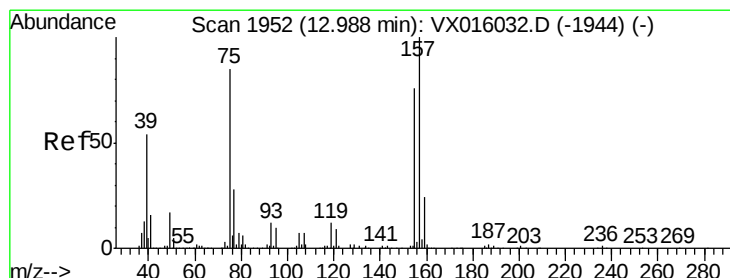
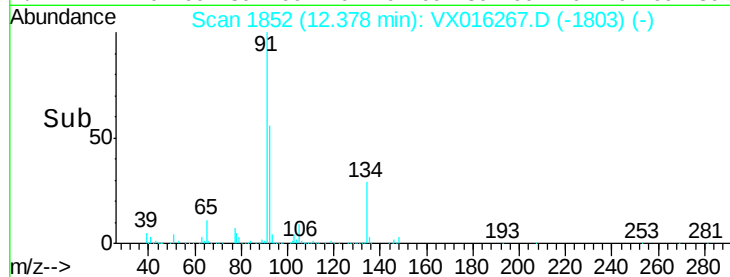
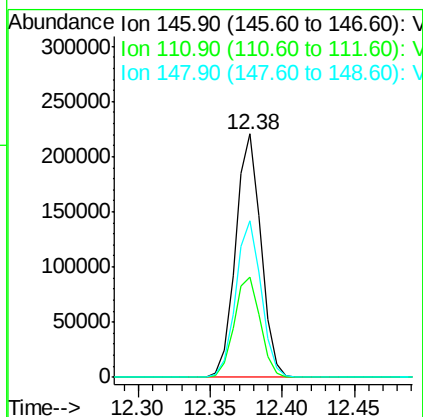
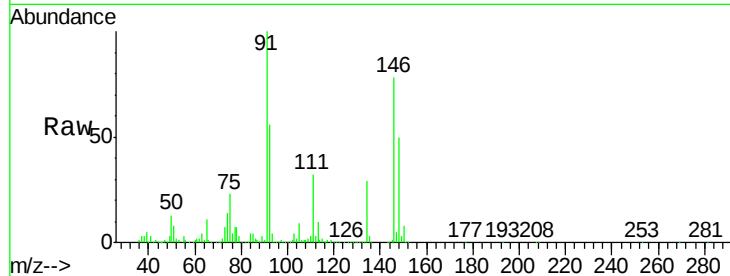




#91
 1,2-Dichlorobenzene
 Concen: 46.18 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016267.D
 Acq: 15 May 2020 05:59

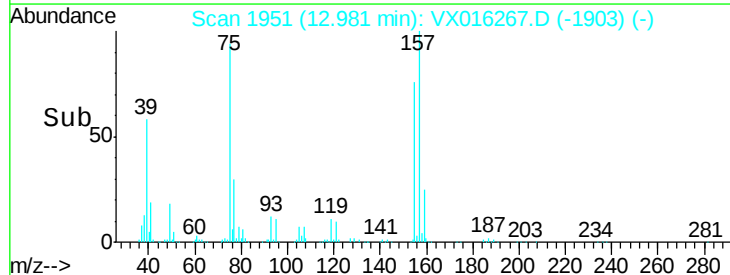
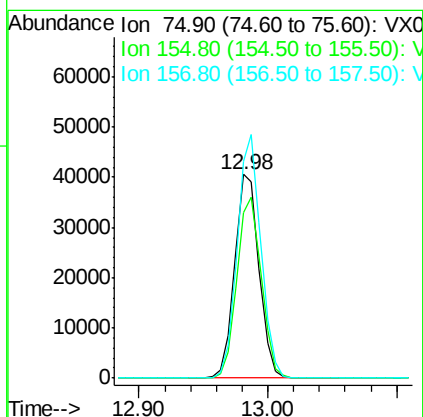
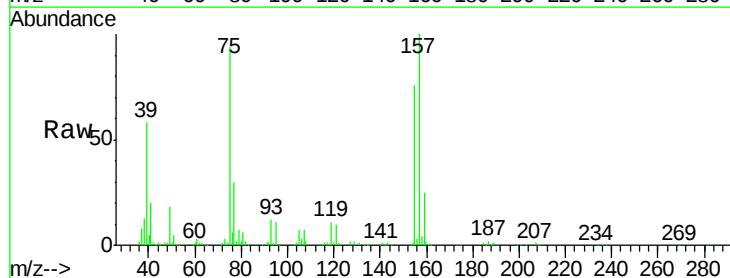
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

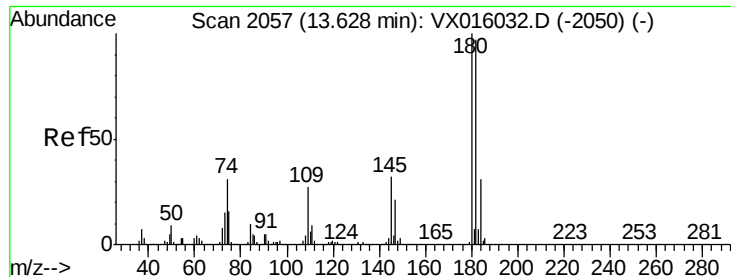
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.1	63.1
148	64.5	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.58 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016267.D
 Acq: 15 May 2020 05:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.6	42.5	127.5
157	114.8	55.3	165.8

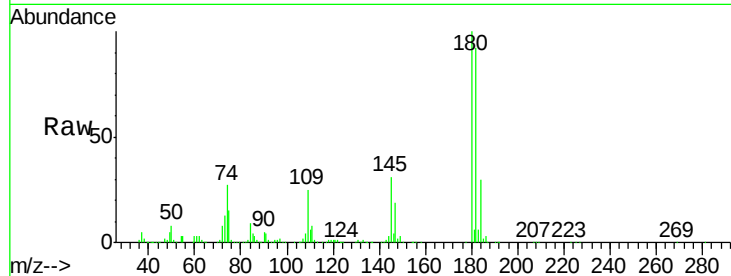




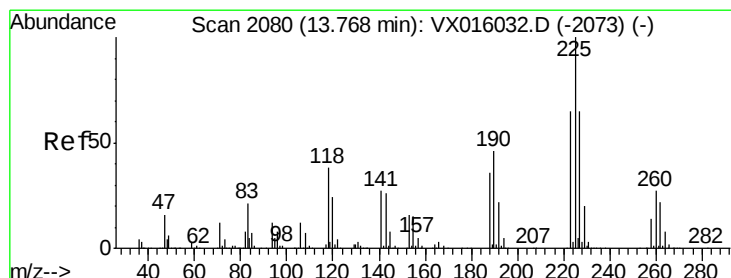
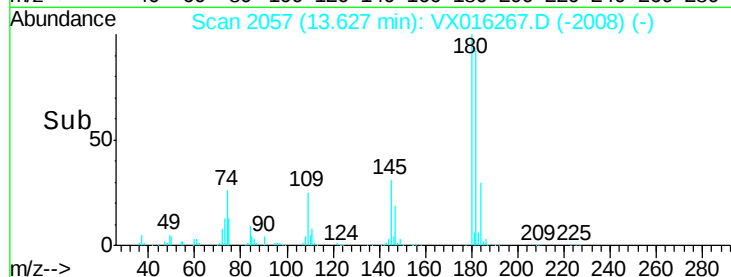
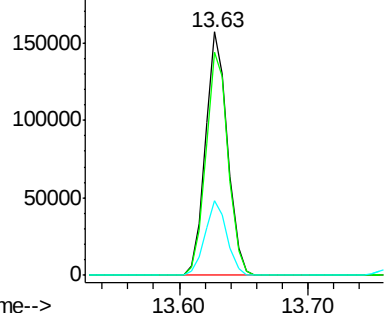
#93
 1,2,4-Trichlorobenzene
 Concen: 43.06 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016267.D
 Acq: 15 May 2020 05:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 186842
 Ion Ratio Lower Upper
 180 100
 182 92.5 48.7 146.1
 145 30.5 15.7 47.1

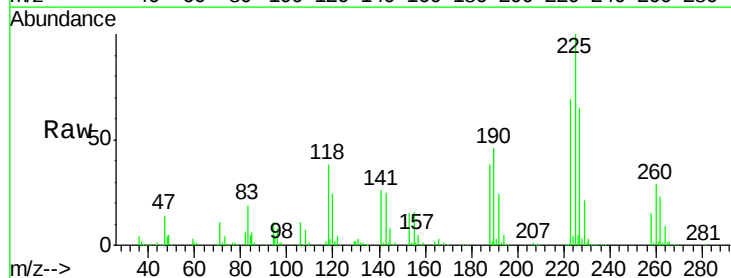


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

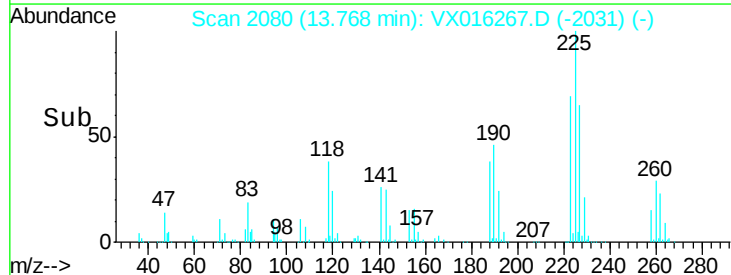
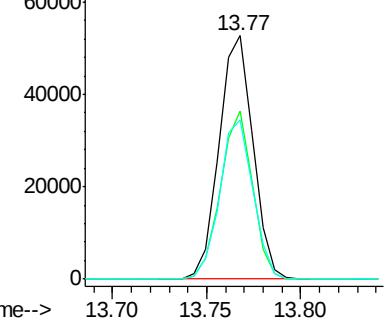


#94
 Hexachlorobutadiene
 Concen: 35.38 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016267.D
 Acq: 15 May 2020 05:59

Tgt Ion:225 Resp: 65816
 Ion Ratio Lower Upper
 225 100
 223 65.1 32.3 96.9
 227 64.3 31.8 95.4



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

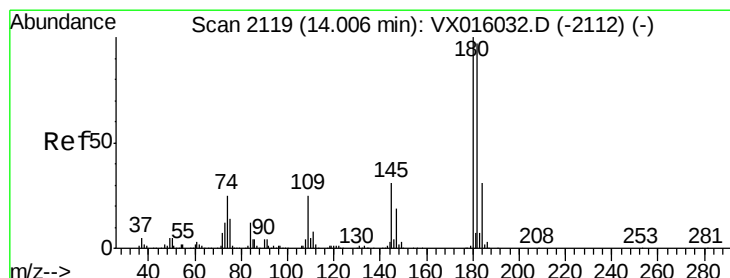
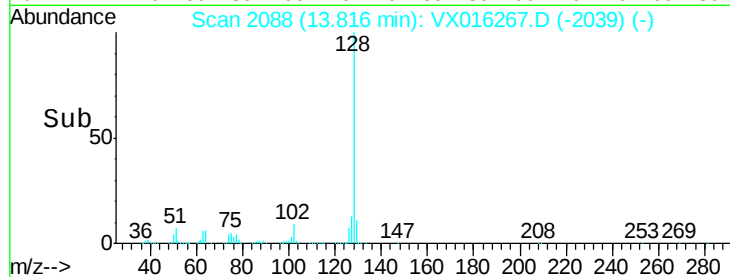
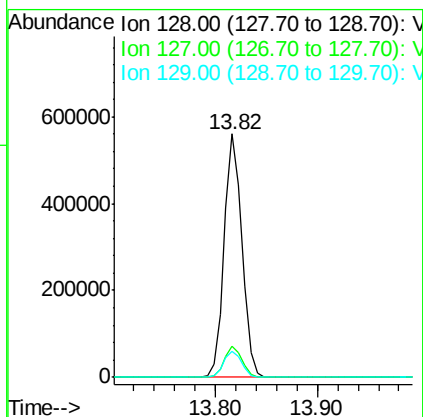
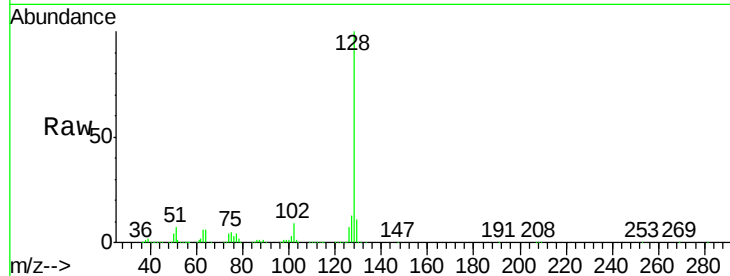




#95
Naphthalene
Concen: 48.30 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 678714
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 44.37 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016267.D
Acq: 15 May 2020 05:59

Tgt Ion:180 Resp: 188166
Ion Ratio Lower Upper
180 100
182 96.8 48.4 145.0
145 32.5 16.4 49.1

