

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
 Data File : VX016248.D
 Acq On : 14 May 2020 22:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 15 01:41:43 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	5.63	168	246056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	405451	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	382680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195240	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	161325	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
35) Dibromofluoromethane	5.47	113	130457	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	8.70	98	510262	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.12	95	200563	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	135528	52.04	ug/l	98
3) Chloromethane	1.31	50	146471	48.43	ug/l	98
4) Vinyl Chloride	1.39	62	157966	48.95	ug/l	99
5) Bromomethane	1.62	94	70962	43.62	ug/l	97
6) Chloroethane	1.70	64	97322	49.57	ug/l	99
7) Trichlorofluoromethane	1.91	101	207602	49.00	ug/l	100
8) Diethyl Ether	2.17	74	86505	48.46	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	119344	48.83	ug/l	98
10) Methyl Iodide	2.49	142	130004	39.60	ug/l	100
11) Tert butyl alcohol	3.03	59	195739	239.07	ug/l	100
12) 1,1-Dichloroethene	2.36	96	122827	48.02	ug/l	99
13) Acrolein	2.27	56	145428	283.84	ug/l	99
14) Allyl chloride	2.70	41	225222	48.02	ug/l	96
15) Acrylonitrile	3.12	53	439915	259.00	ug/l	98
16) Acetone	2.42	43	343355	237.67	ug/l	96
17) Carbon Disulfide	2.55	76	348336	45.33	ug/l	99
18) Methyl Acetate	2.75	43	190262	53.56	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	467652	53.04	ug/l	99
20) Methylene Chloride	2.83	84	146148	49.07	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	138450	48.57	ug/l	97
22) Diisopropyl ether	3.82	45	448375	50.68	ug/l	98
23) Vinyl Acetate	3.79	43	1972279	253.38	ug/l	99
24) 1,1-Dichloroethane	3.67	63	256336	51.79	ug/l	99
25) 2-Butanone	4.64	43	594050	255.18	ug/l	99
26) 2,2-Dichloropropane	4.56	77	195815	43.32	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	160742	51.58	ug/l	97
28) Bromochloromethane	4.98	49	116507	51.62	ug/l	97
29) Tetrahydrofuran	5.09	42	388086	251.59	ug/l	97
30) Chloroform	5.18	83	256698	52.09	ug/l	100
31) Cyclohexane	5.55	56	221373	49.22	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	230843	51.53	ug/l	99
36) 1,1-Dichloropropene	5.77	75	191558	48.00	ug/l	99
37) Ethyl Acetate	4.80	43	226442	48.95	ug/l	99
38) Carbon Tetrachloride	5.76	117	205148	50.57	ug/l	93

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Quant Time: May 15 01:41:43 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)
39) Methylcyclohexane	7.44	83	212642	44.24	ug/l	99
40) Benzene	6.12	78	588186	50.37	ug/l	99
41) Methacrylonitrile	5.01	41	119743	47.93	ug/l	97
42) 1,2-Dichloroethane	6.17	62	203562	48.39	ug/l	99
43) Isopropyl Acetate	6.42	43	362191	49.07	ug/l	98
44) Trichloroethene	7.19	130	187682	45.24	ug/l	98
45) 1,2-Dichloropropane	7.49	63	153310	51.88	ug/l	99
46) Dibromomethane	7.64	93	100034	49.82	ug/l	99
47) Bromodichloromethane	7.88	83	210317	51.43	ug/l	98
48) Methyl methacrylate	7.75	41	170507	48.75	ug/l	95
49) 1,4-Dioxane	7.71	88	77535	924.39	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1151102	254.87	ug/l	98
52) Toluene	8.77	92	366862	50.40	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	240974	49.42	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	252172	49.51	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	148484	51.85	ug/l	97
56) Ethyl methacrylate	9.16	69	246130	52.65	ug/l	95
57) 1,3-Dichloropropane	9.35	76	260053	52.04	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	632308	254.08	ug/l	100
59) 2-Hexanone	9.48	43	884400	249.34	ug/l	97
60) Dibromochloromethane	9.57	129	166106	52.66	ug/l	98
61) 1,2-Dibromoethane	9.66	107	160607	51.78	ug/l	99
64) Tetrachloroethene	9.32	164	215331	45.84	ug/l	99
65) Chlorobenzene	10.12	112	398974	49.79	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	151225	51.06	ug/l	99
67) Ethyl Benzene	10.24	91	701668	49.08	ug/l	99
68) m/p-Xylenes	10.34	106	535063	99.89	ug/l	99
69) o-Xylene	10.68	106	259118	50.32	ug/l	99
70) Styrene	10.70	104	457989	52.43	ug/l	99
71) Bromoform	10.84	173	129366	53.61	ug/l #	98
73) Isopropylbenzene	11.01	105	695164	48.95	ug/l	99
74) N-amyl acetate	10.88	43	315307	47.60	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	173325	60.52	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	297667	67.19	ug/l	83
77) Bromobenzene	11.24	156	178188	48.61	ug/l	100
78) n-propylbenzene	11.35	91	793087	48.01	ug/l	100
79) 2-Chlorotoluene	11.41	91	475764	48.79	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	591148	49.30	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	87952	47.31	ug/l	97
82) 4-Chlorotoluene	11.49	91	565301	49.09	ug/l	100
83) tert-Butylbenzene	11.76	119	506673	49.03	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	600418	49.53	ug/l	99
85) sec-Butylbenzene	11.93	105	654514	46.91	ug/l	99
86) p-Isopropyltoluene	12.05	119	611130	47.18	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	318488	48.39	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	317743	47.57	ug/l	98
89) n-Butylbenzene	12.37	91	518494	43.82	ug/l	99
90) Hexachloroethane	12.58	117	110131	49.51	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	306016	48.29	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56660	48.52	ug/l	98

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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	216962	46.24	ug/l	98
94) Hexachlorobutadiene	13.77	225	76602	38.04	ug/l	98
95) Naphthalene	13.82	128	751967	49.50	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	212396	46.32	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

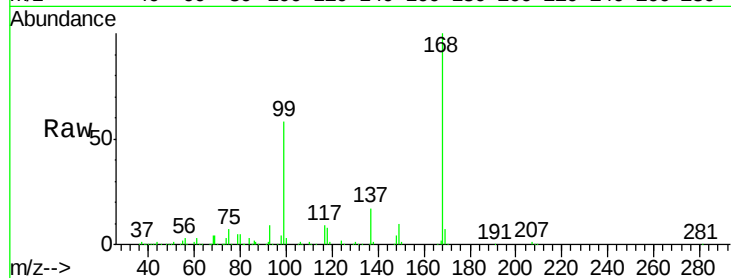
VSTDCCC050

Tgt Ion:168 Resp: 246056

Ion Ratio Lower Upper

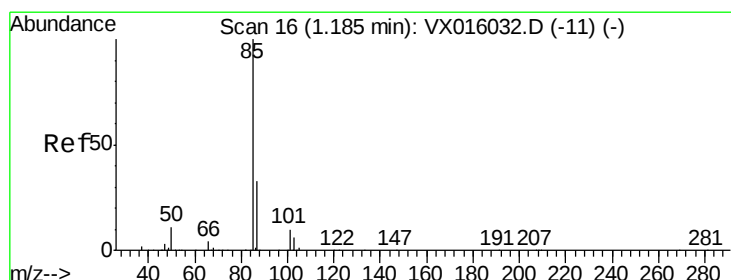
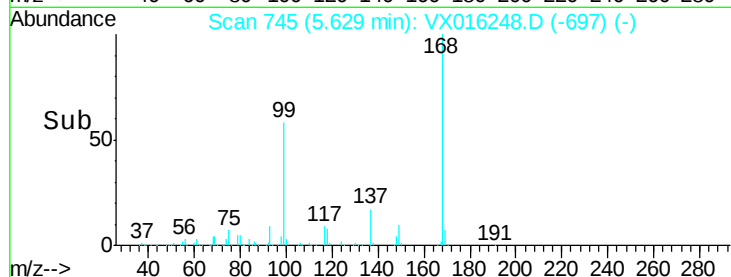
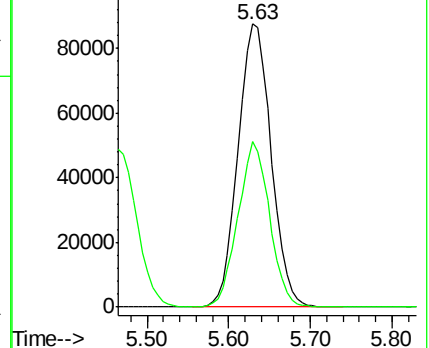
168 100

99 58.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 52.04 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016248.D

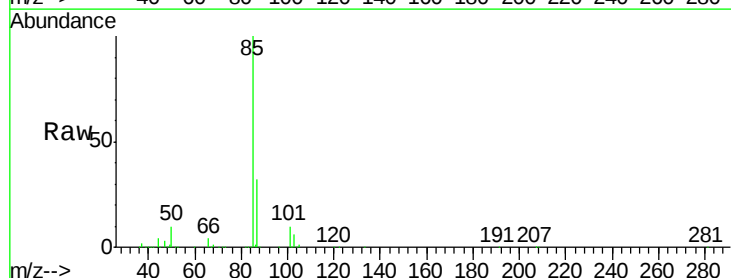
Acq: 14 May 2020 22:03

Tgt Ion: 85 Resp: 135528

Ion Ratio Lower Upper

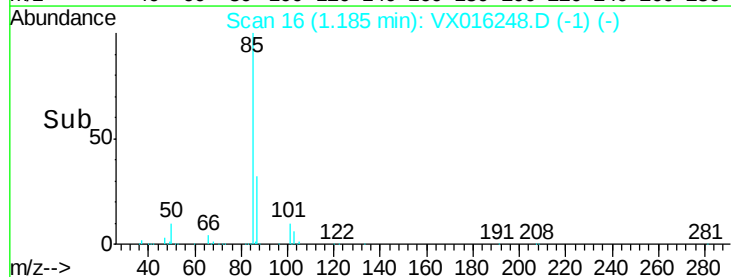
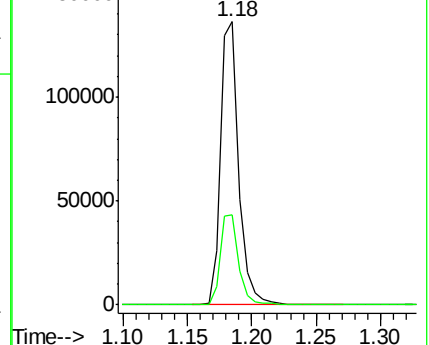
85 100

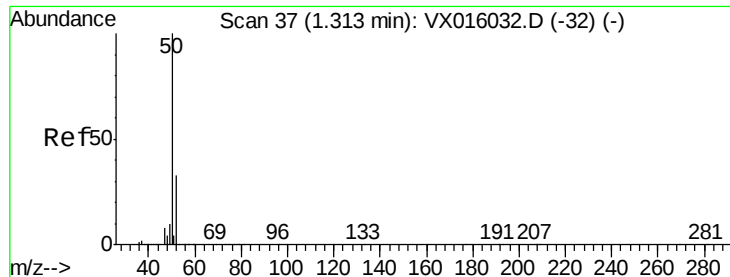
87 31.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.43 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

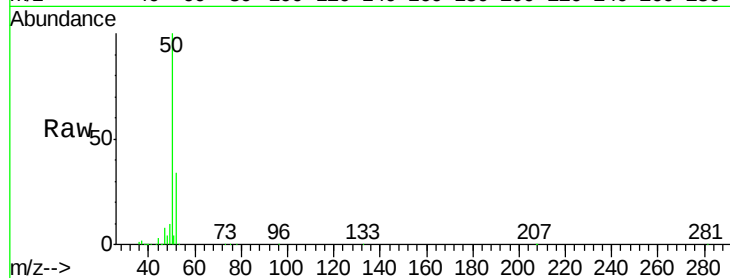
VSTDCCC050

Tgt Ion: 50 Resp: 146471

Ion Ratio Lower Upper

50 100

52 33.5 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

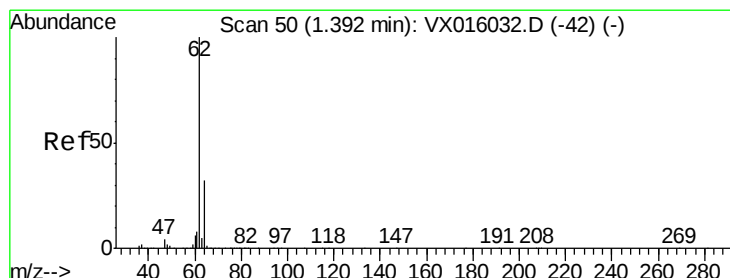
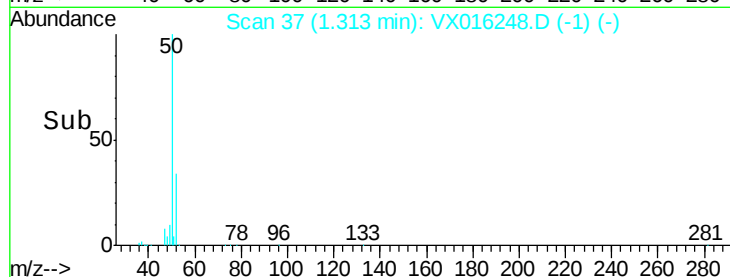
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 48.95 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016248.D

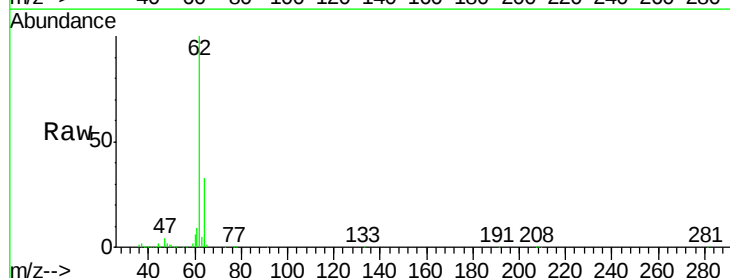
Acq: 14 May 2020 22:03

Tgt Ion: 62 Resp: 157966

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

200000

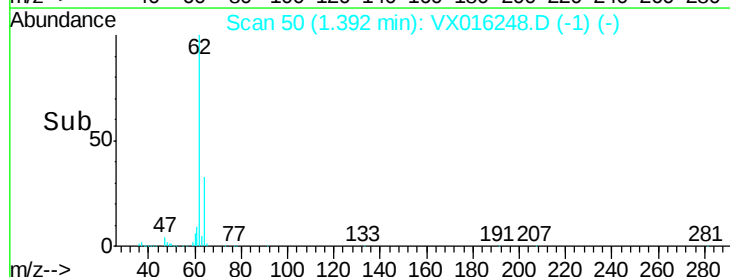
150000

100000

50000

0

Time-->





#5

Bromomethane

Concen: 43.62 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

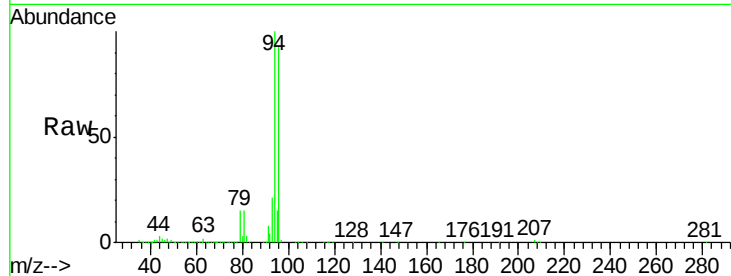
VSTDCCC050

Tgt Ion: 94 Resp: 70962

Ion Ratio Lower Upper

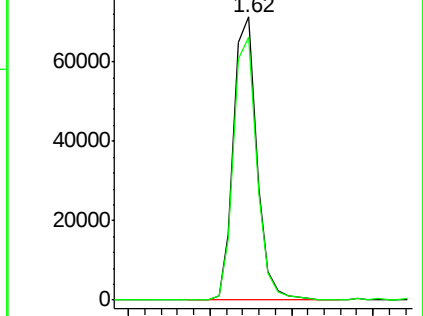
94 100

96 92.9 76.9 115.3

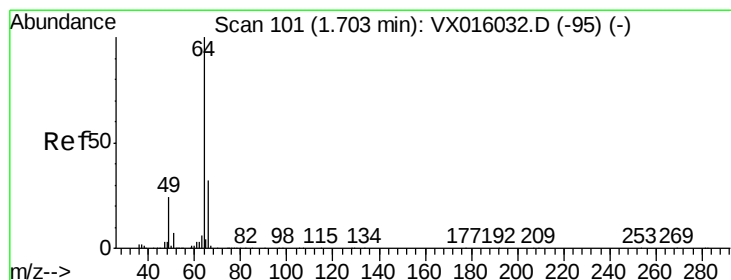
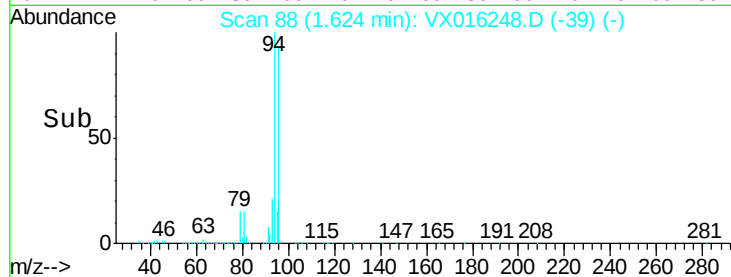


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 49.57 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016248.D

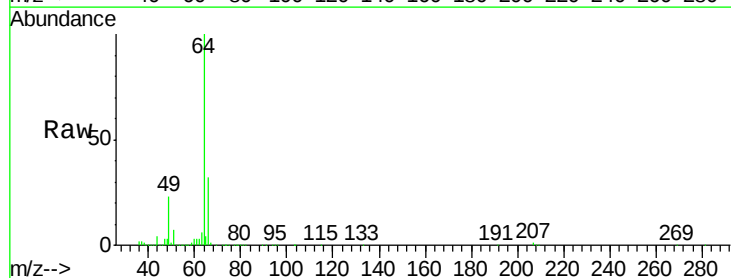
Acq: 14 May 2020 22:03

Tgt Ion: 64 Resp: 97322

Ion Ratio Lower Upper

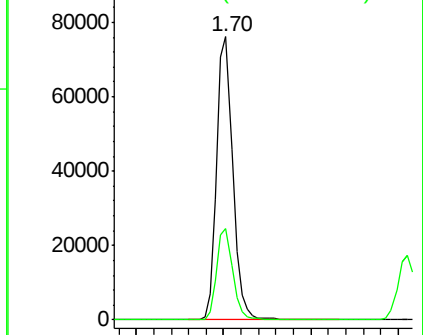
64 100

66 32.1 25.2 37.8

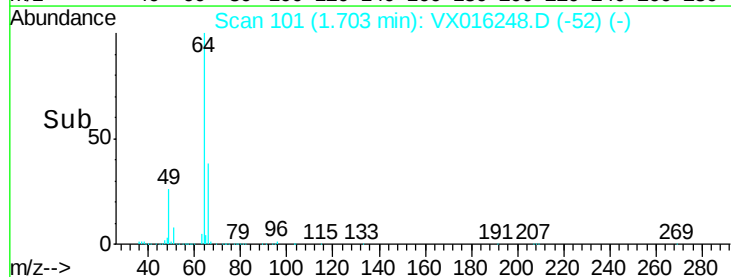


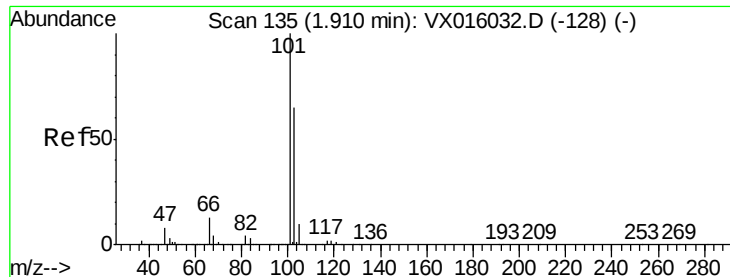
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

Trichlorofluoromethane

Concen: 49.00 ug/l

RT: 1.91 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

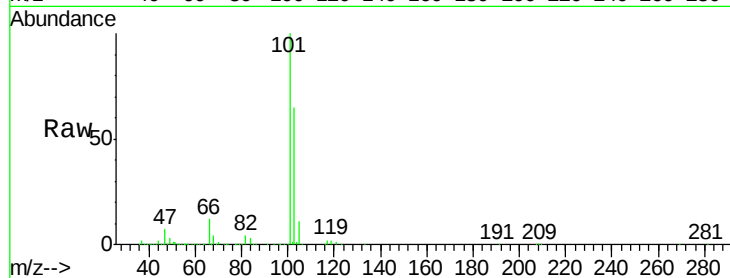
VSTDCCC050

Tgt Ion:101 Resp: 207602

Ion Ratio Lower Upper

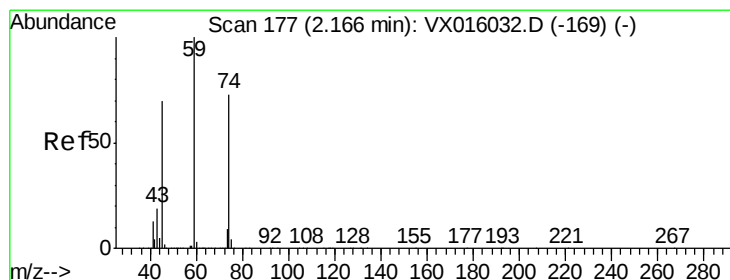
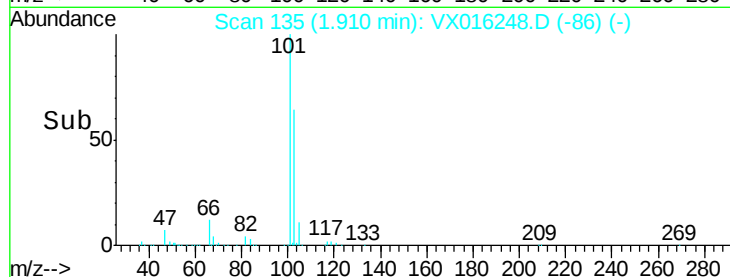
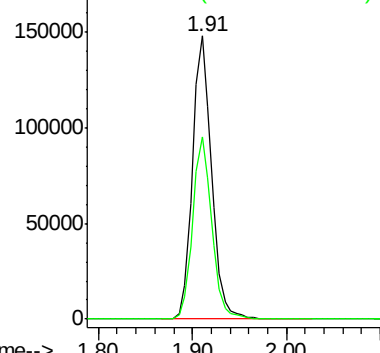
101 100

103 64.5 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: 48.46 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX016248.D

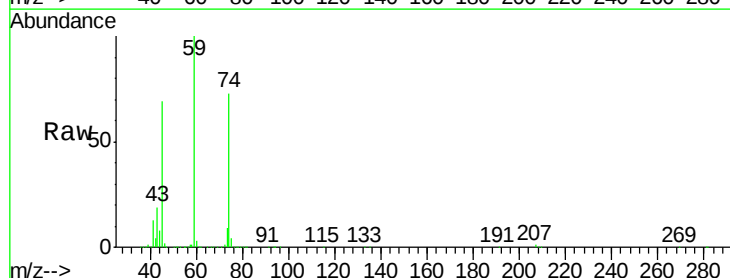
Acq: 14 May 2020 22:03

Tgt Ion: 74 Resp: 86505

Ion Ratio Lower Upper

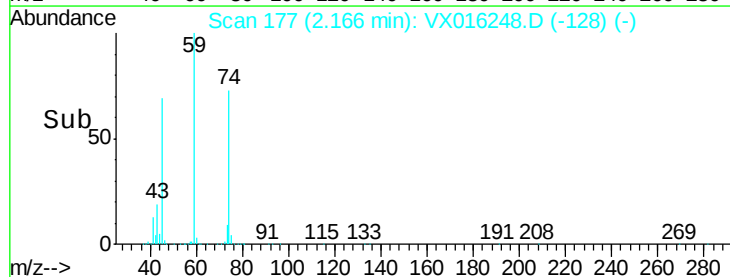
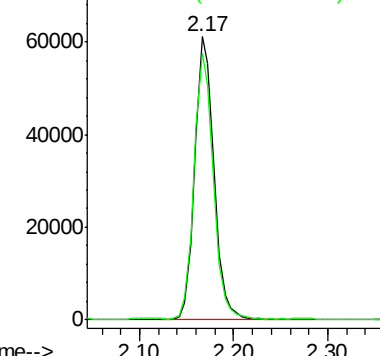
74 100

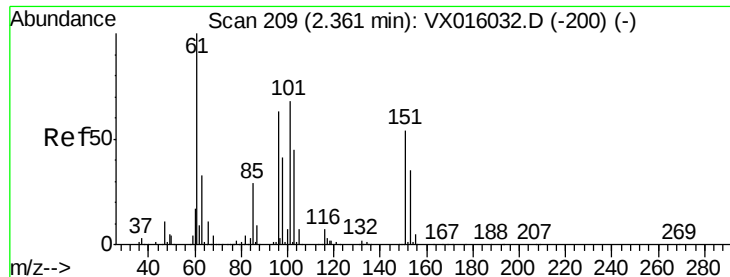
45 93.6 47.3 142.0



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: 48.83 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

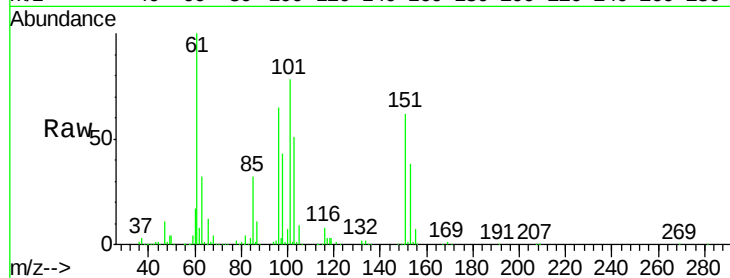
Tgt Ion:101 Resp: 119344

Ion Ratio Lower Upper

101 100

85 42.5 34.2 51.4

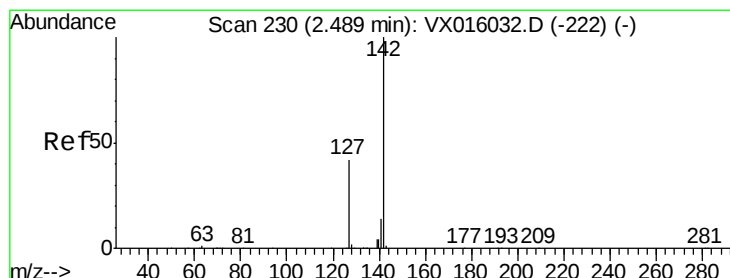
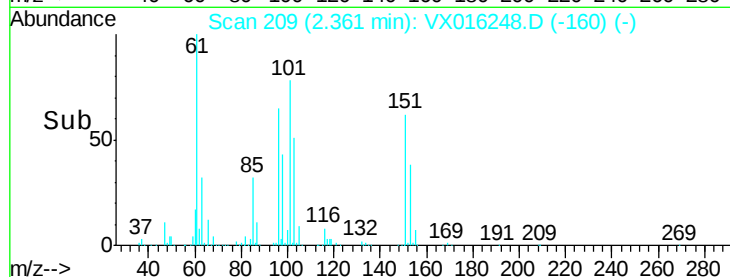
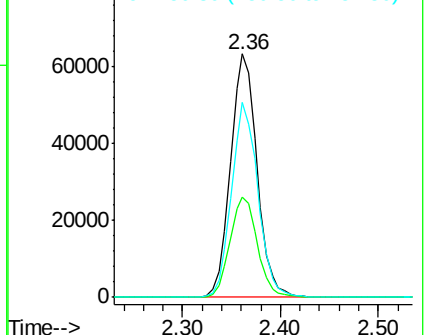
151 80.0 62.1 93.1



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: 39.60 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

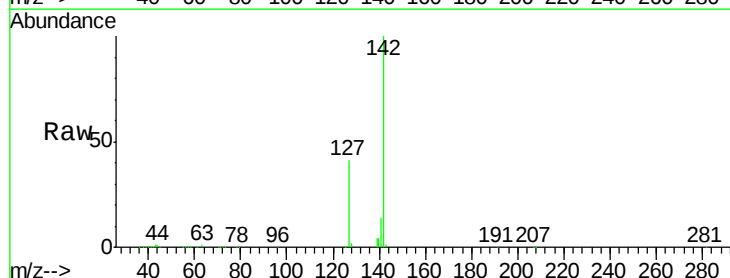
Tgt Ion:142 Resp: 130004

Ion Ratio Lower Upper

142 100

127 43.2 34.6 52.0

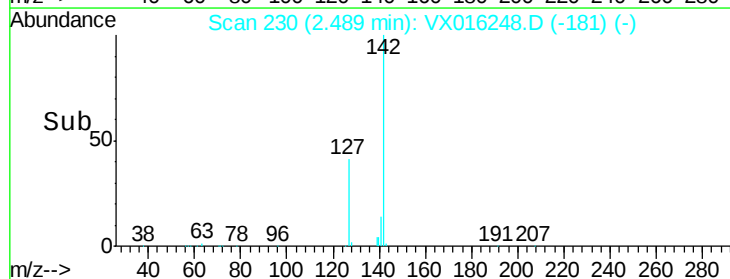
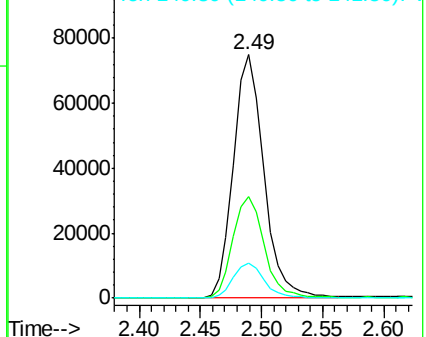
141 14.6 11.3 16.9



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



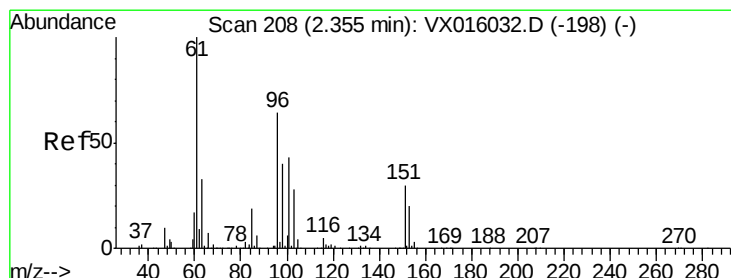
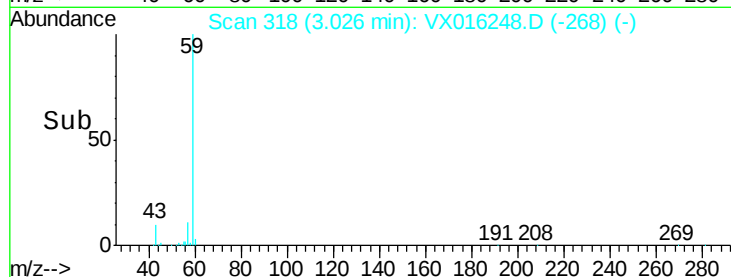
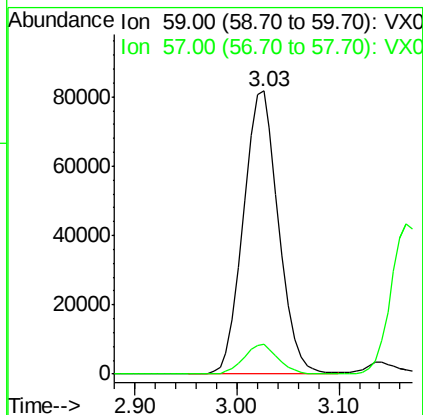
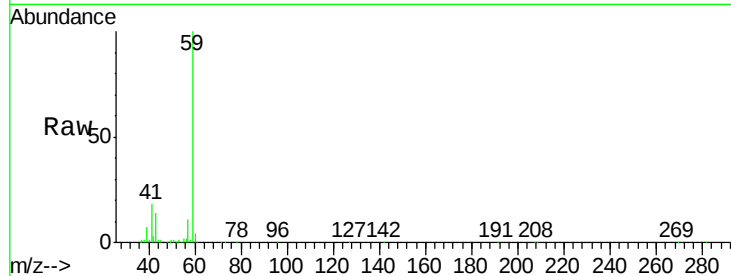


#11

Tert butyl alcohol
Concen: 239.07 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

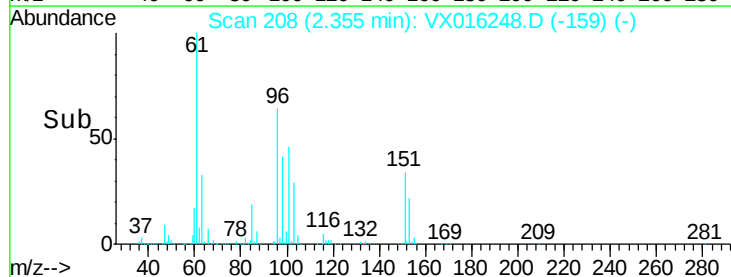
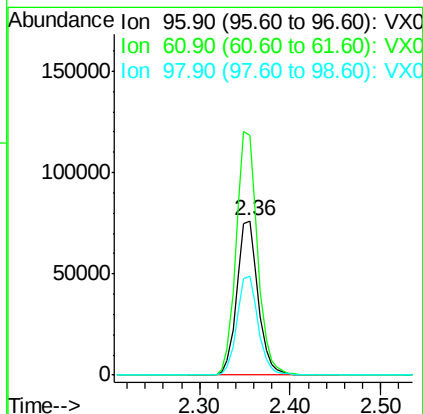
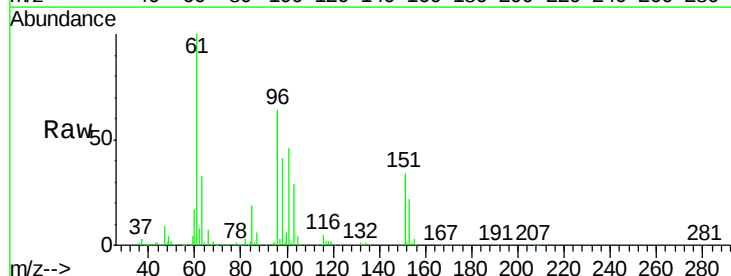
Tgt Ion: 59 Resp: 195739
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

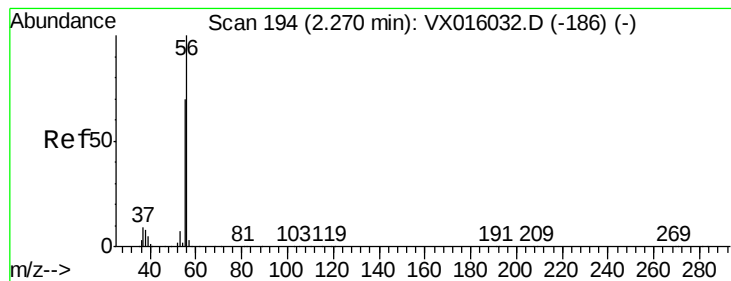


#12

1,1-Dichloroethene
Concen: 48.02 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

Tgt Ion: 96 Resp: 122827
Ion Ratio Lower Upper
96 100
61 155.7 124.8 187.2
98 64.0 49.7 74.5





#13

Acrolein

Concen: 283.84 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

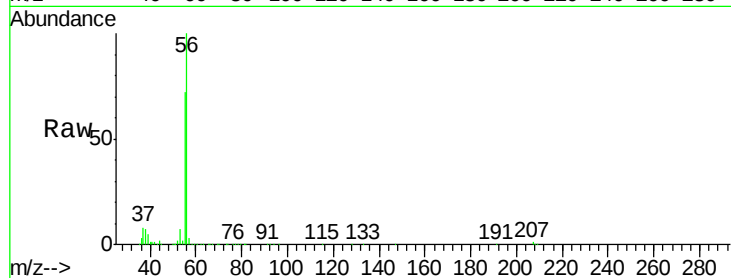
VSTDCCC050

Tgt Ion: 56 Resp: 145428

Ion Ratio Lower Upper

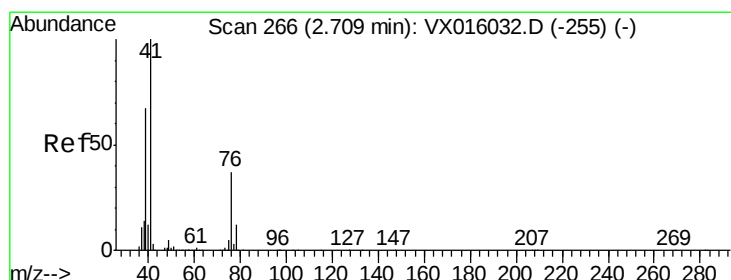
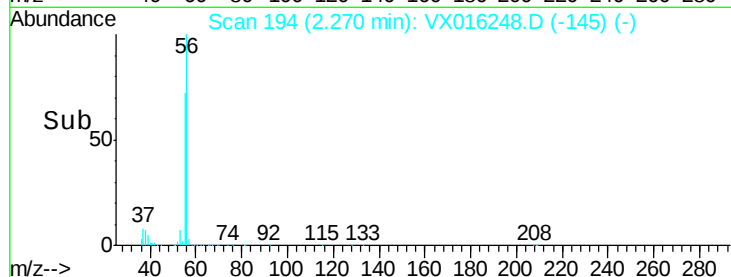
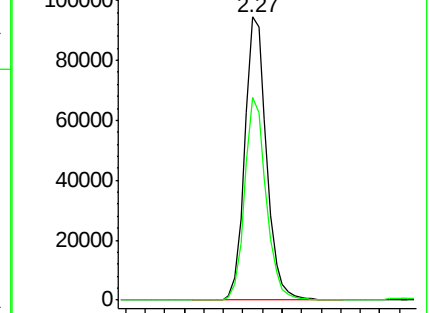
56 100

55 70.1 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.02 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

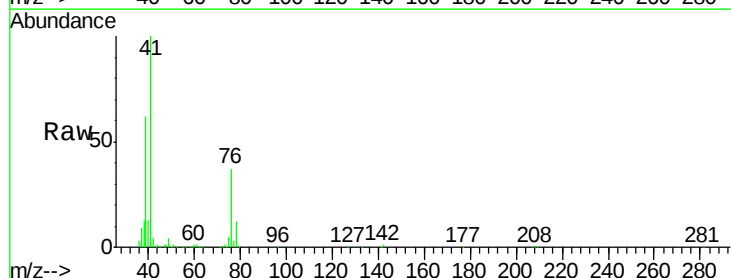
Tgt Ion: 41 Resp: 225222

Ion Ratio Lower Upper

41 100

39 59.0 50.5 75.7

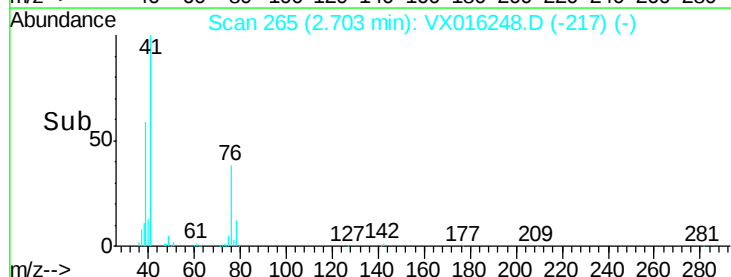
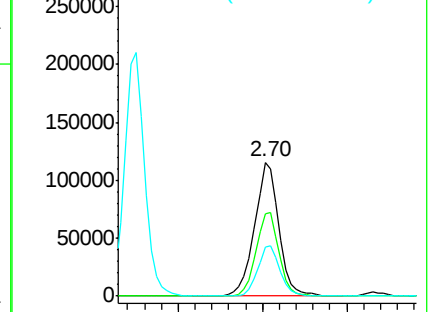
76 34.5 26.6 40.0

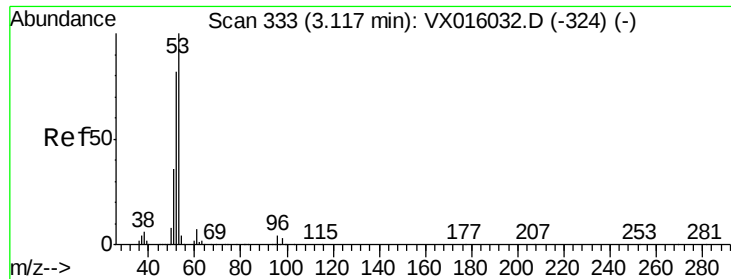


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

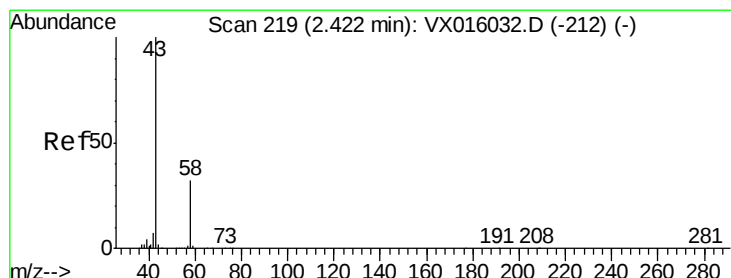
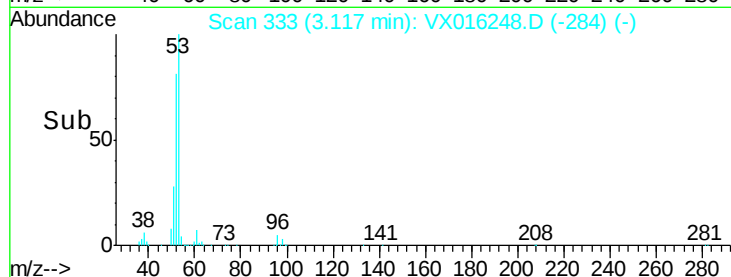
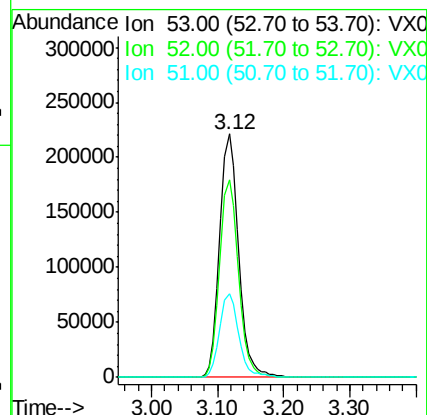
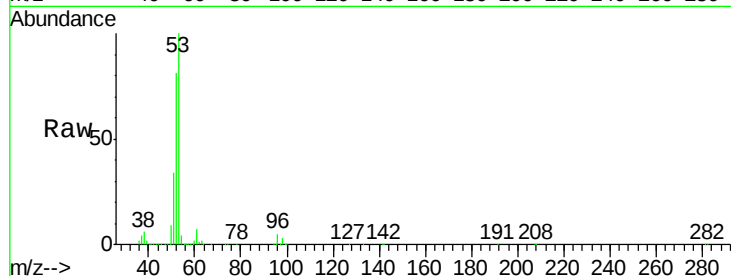




#15
 Acrylonitrile
 Concen: 259.00 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016248.D
 Acq: 14 May 2020 22:03

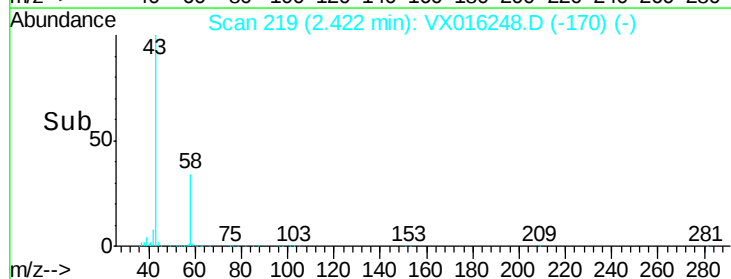
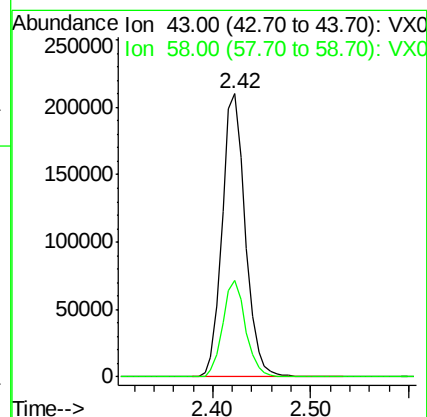
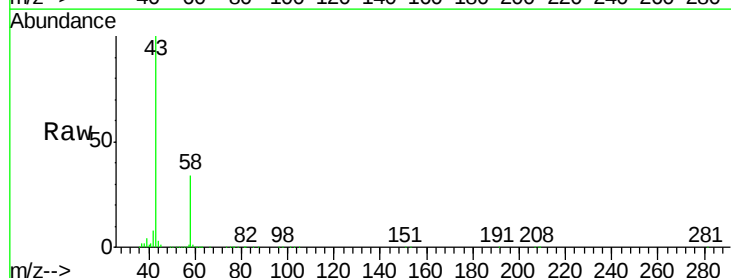
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

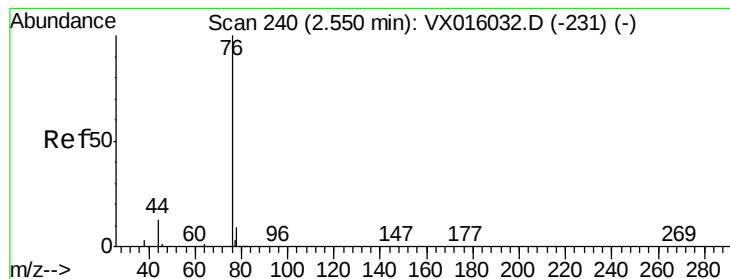
Tgt Ion	Ratio	Lower	Upper
53	100		
52	80.9	66.1	99.1
51	34.8	28.8	43.2



#16
 Acetone
 Concen: 237.67 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX016248.D
 Acq: 14 May 2020 22:03

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.2	25.4	38.0





#17

Carbon Disulfide

Concen: 45.33 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

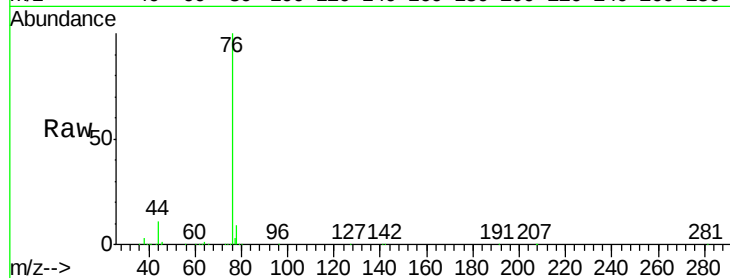
VSTDCCC050

Tgt Ion: 76 Resp: 348336

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

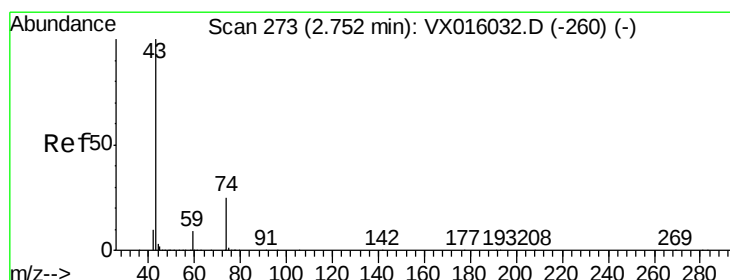
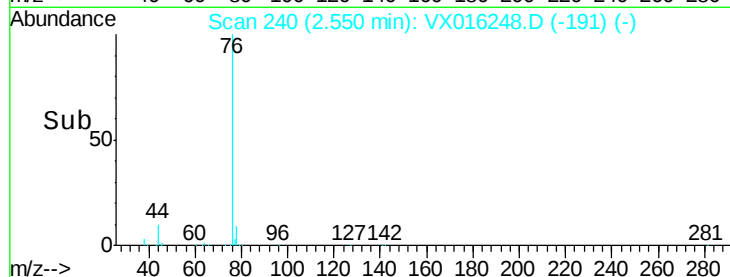
0

2.55

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 53.56 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016248.D

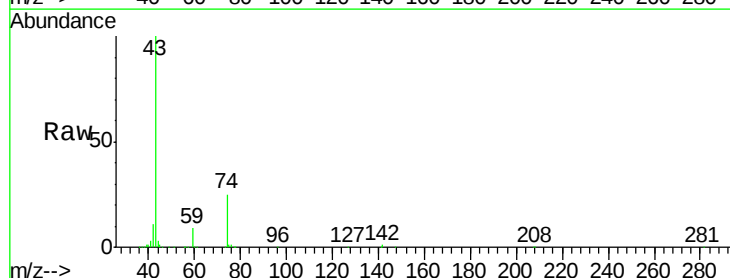
Acq: 14 May 2020 22:03

Tgt Ion: 43 Resp: 190262

Ion Ratio Lower Upper

43 100

74 25.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

40000

20000

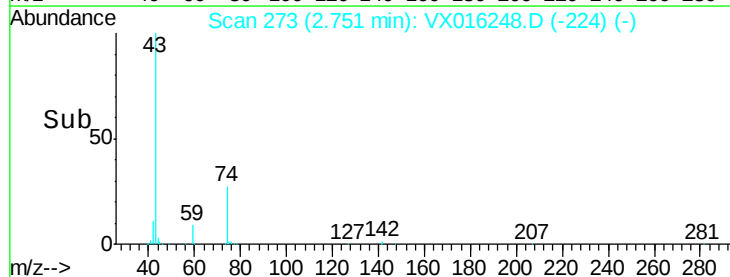
0

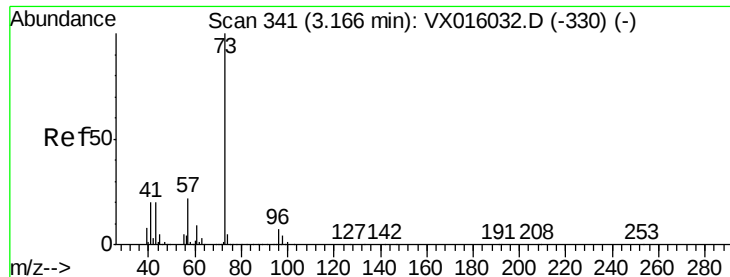
2.75

2.80

2.90

Time-->

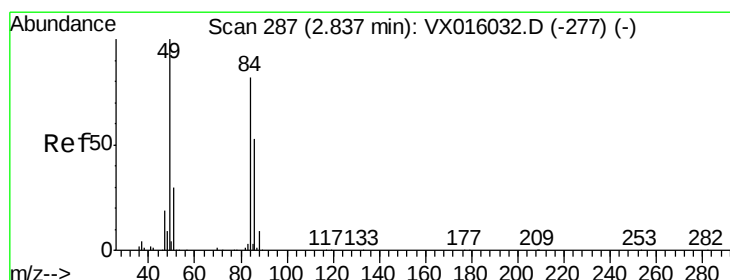
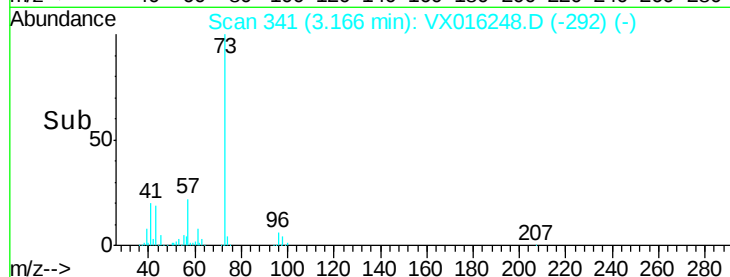
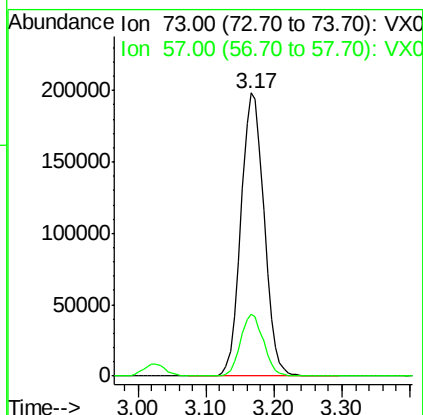
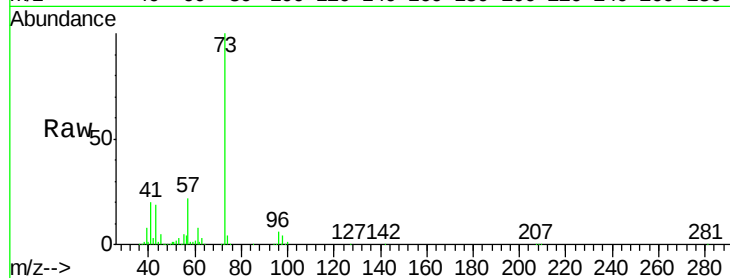




#19
Methyl tert-butyl Ether
Concen: 53.04 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

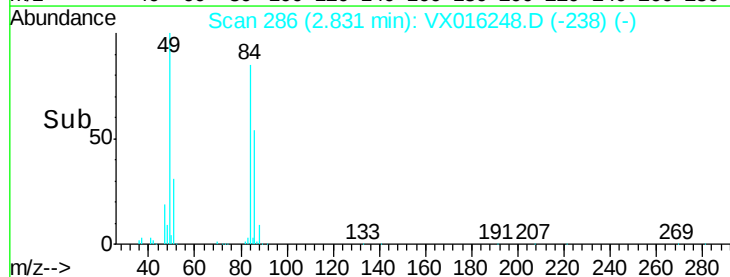
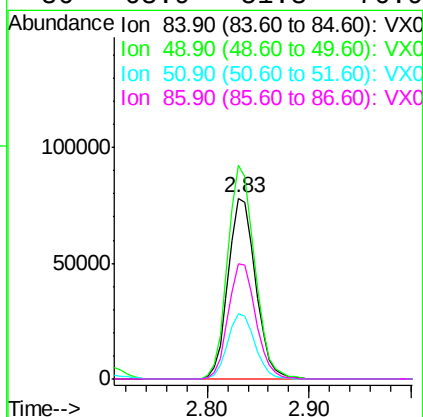
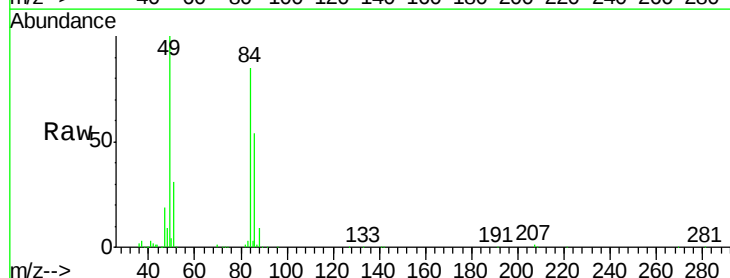
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 467652
Ion Ratio Lower Upper
73 100
57 21.8 17.8 26.6



#20
Methylene Chloride
Concen: 49.07 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

Tgt Ion: 84 Resp: 146148
Ion Ratio Lower Upper
84 100
49 118.2 97.3 145.9
51 36.4 29.3 43.9
86 63.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.57 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

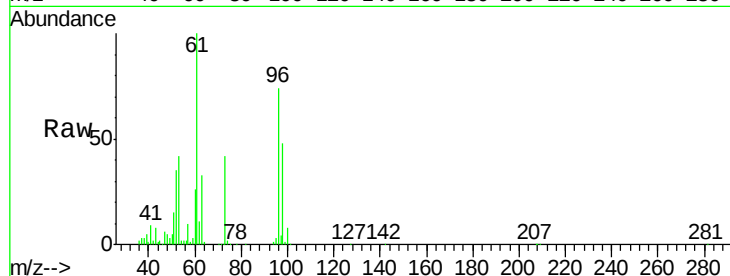
Tgt Ion: 96 Resp: 138450

Ion Ratio Lower Upper

96 100

61 136.0 111.2 166.8

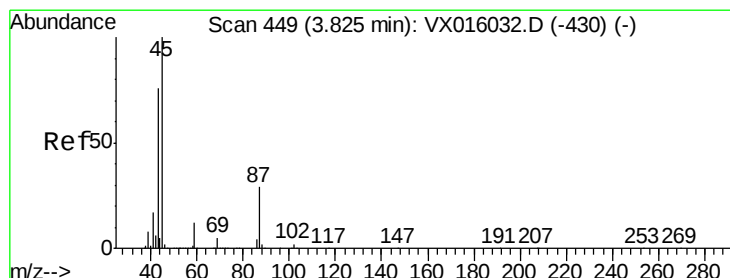
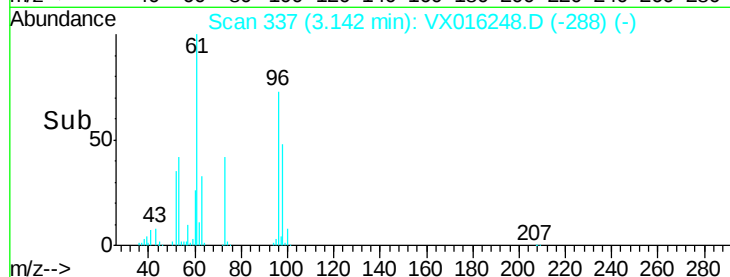
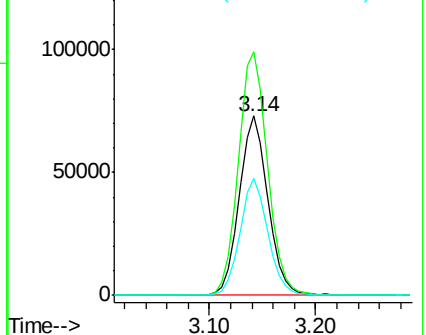
98 65.1 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.68 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Tgt Ion: 45 Resp: 448375

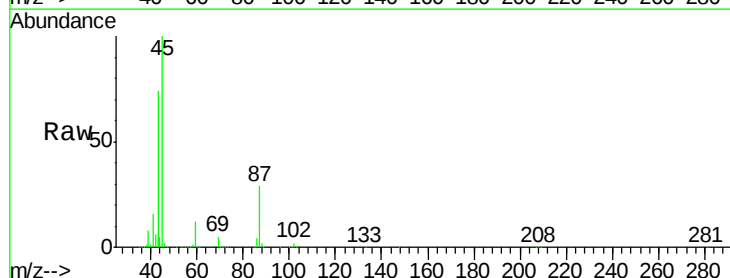
Ion Ratio Lower Upper

45 100

43 73.4 61.1 91.7

87 29.2 23.0 34.6

59 12.0 9.8 14.6

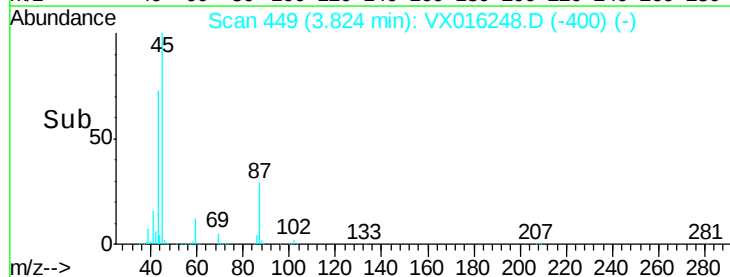
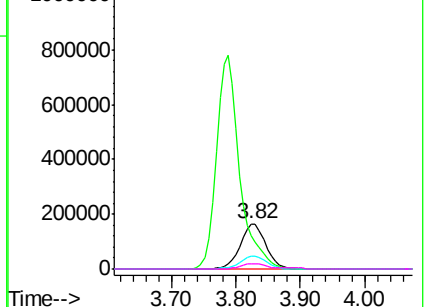


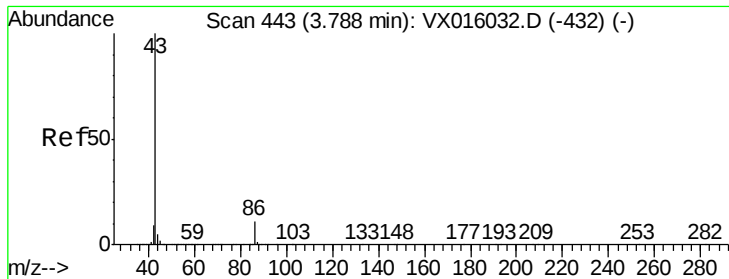
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 253.38 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

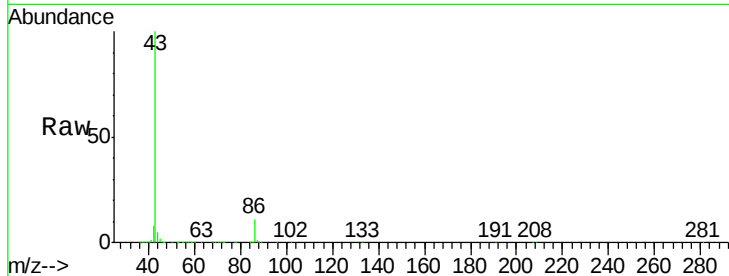
VSTDCCC050

Tgt Ion: 43 Resp: 1972279

Ion Ratio Lower Upper

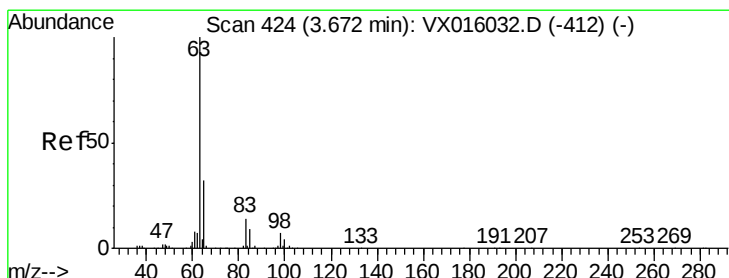
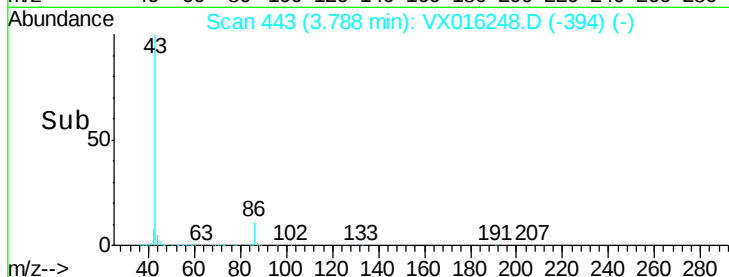
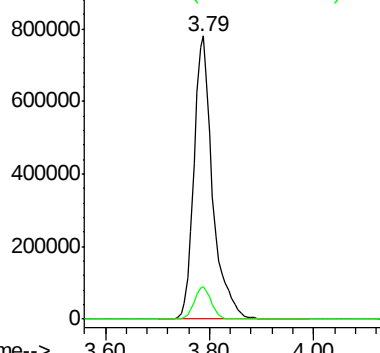
43 100

86 11.5 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.79 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

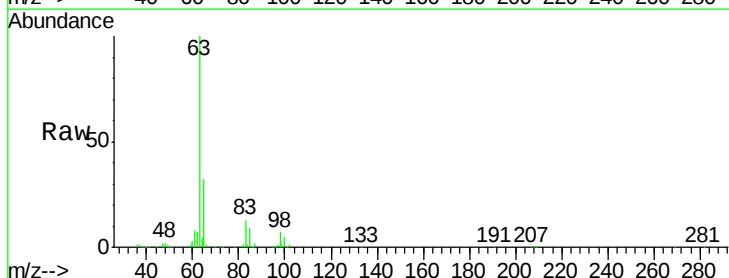
Tgt Ion: 63 Resp: 256336

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

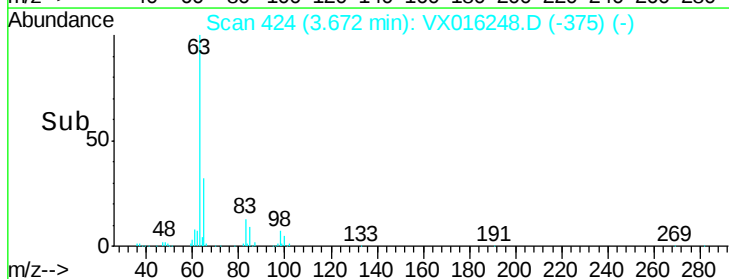
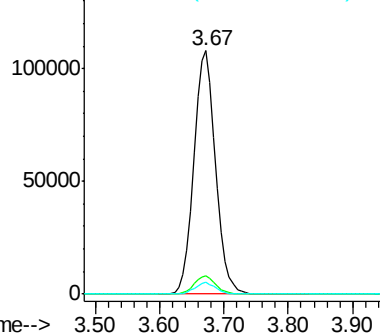
100 4.7 2.1 6.5

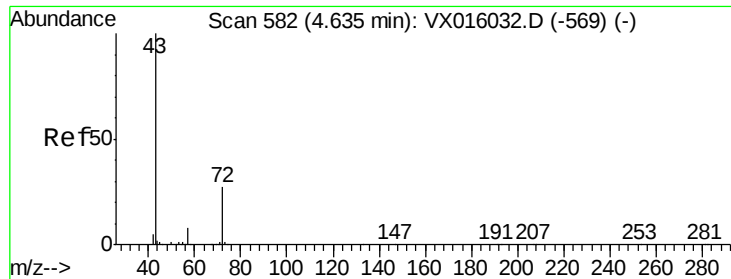


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

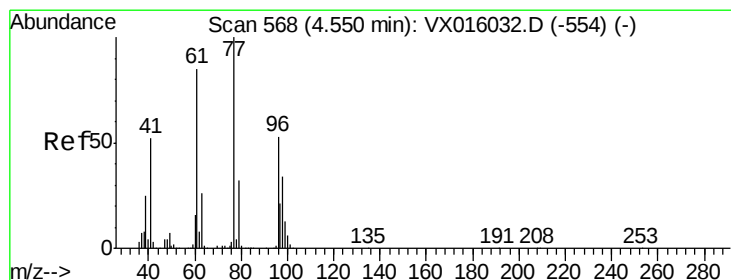
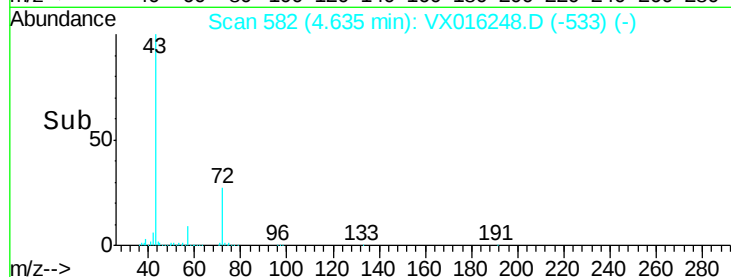
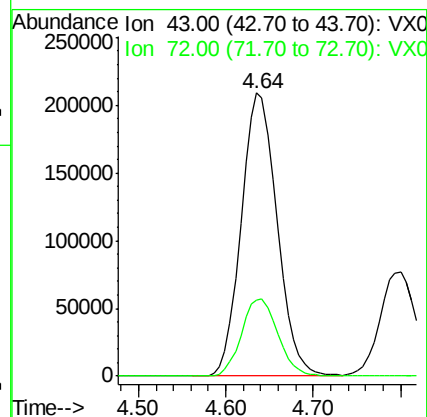
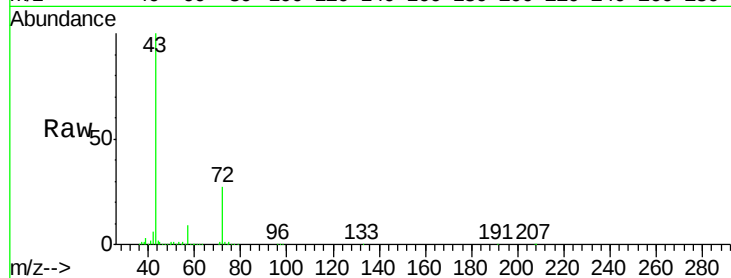




#25
2-Butanone
Concen: 255.18 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

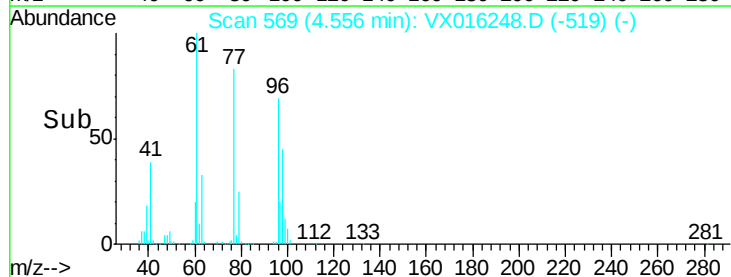
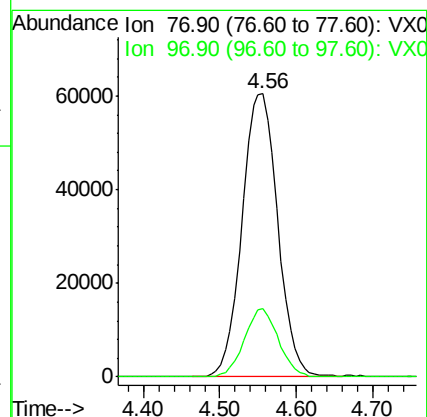
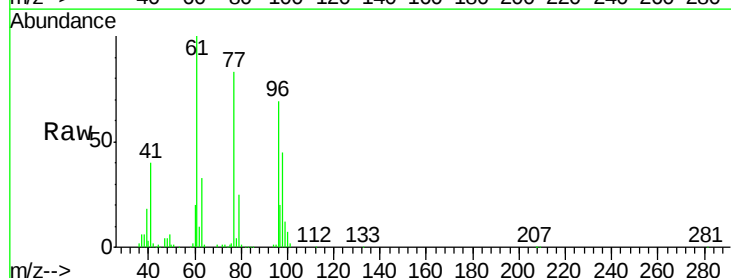
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

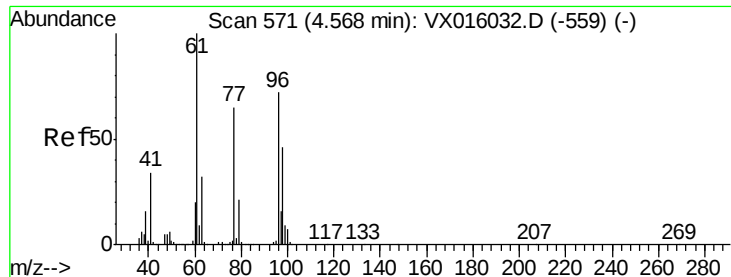
Tgt Ion: 43 Resp: 594050
Ion Ratio Lower Upper
43 100
72 26.7 21.8 32.8



#26
2,2-Dichloropropane
Concen: 43.32 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

Tgt Ion: 77 Resp: 195815
Ion Ratio Lower Upper
77 100
97 23.1 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 51.58 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

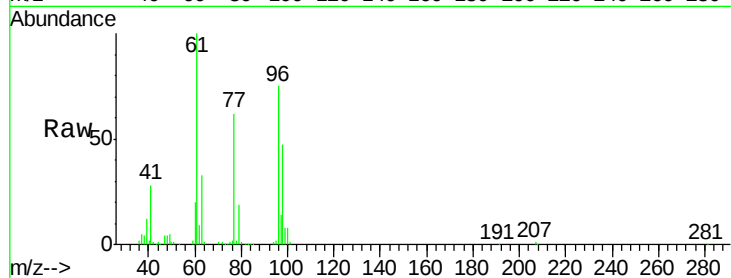
Tgt Ion: 96 Resp: 160742

Ion Ratio Lower Upper

96 100

61 141.8 0.0 296.2

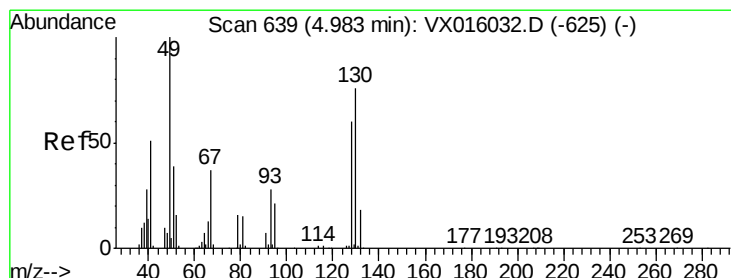
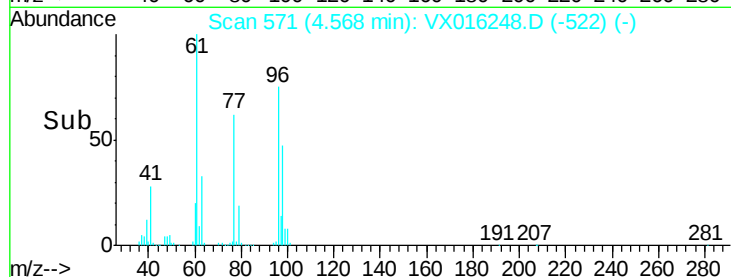
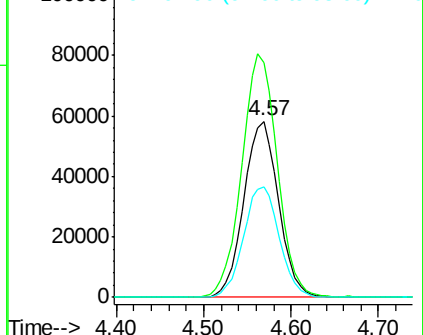
98 64.7 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 51.62 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

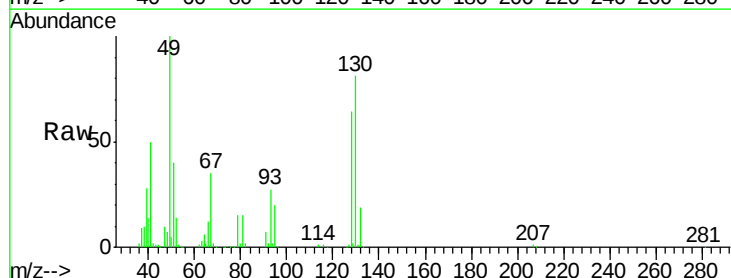
Tgt Ion: 49 Resp: 116507

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

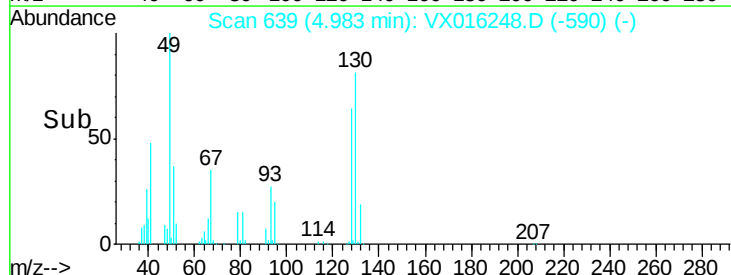
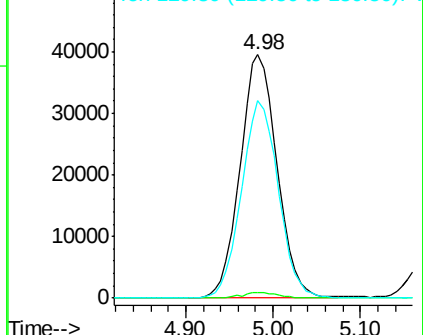
130 81.0 62.4 93.6

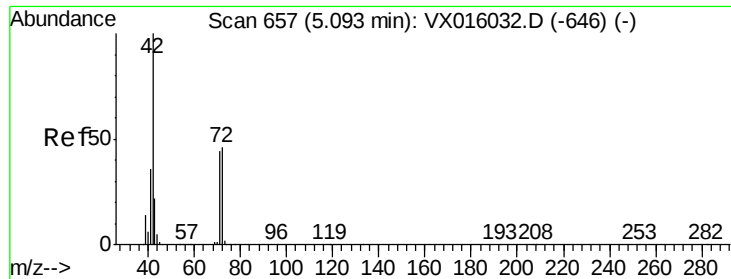


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

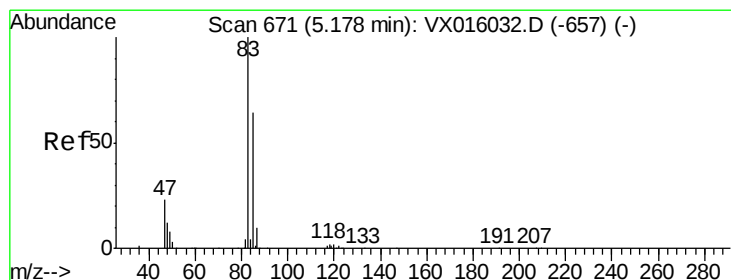
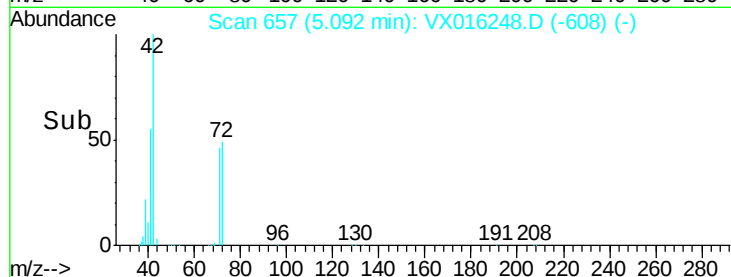
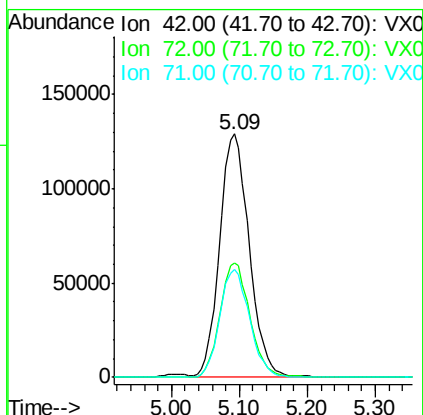
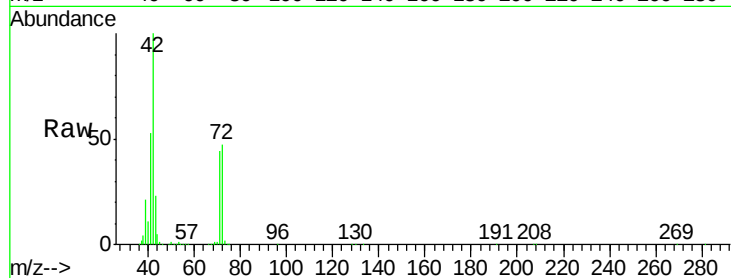




#29
Tetrahydrofuran
Concen: 251.59 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

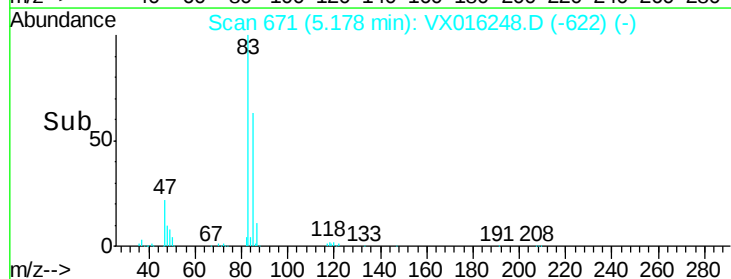
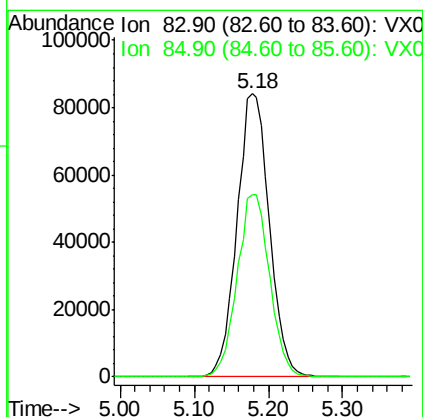
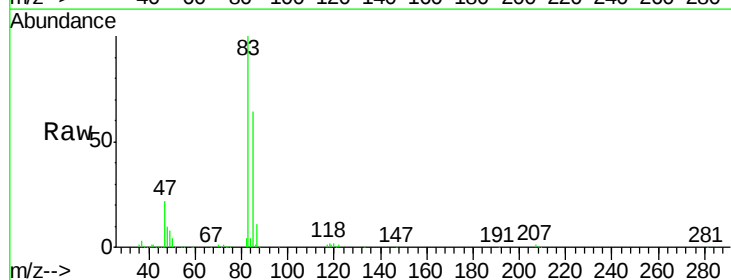
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

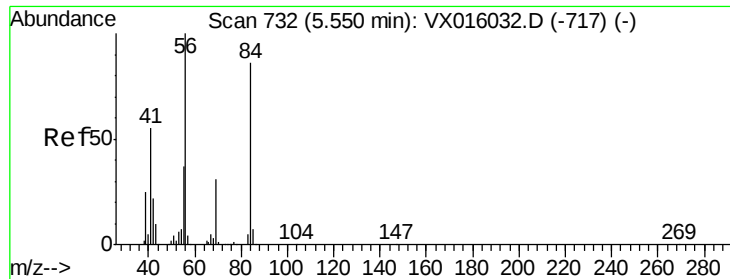
Tgt Ion: 42 Resp: 388086
Ion Ratio Lower Upper
42 100
72 48.1 37.1 55.7
71 45.0 34.5 51.7



#30
Chloroform
Concen: 52.09 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

Tgt Ion: 83 Resp: 256698
Ion Ratio Lower Upper
83 100
85 64.5 51.6 77.4

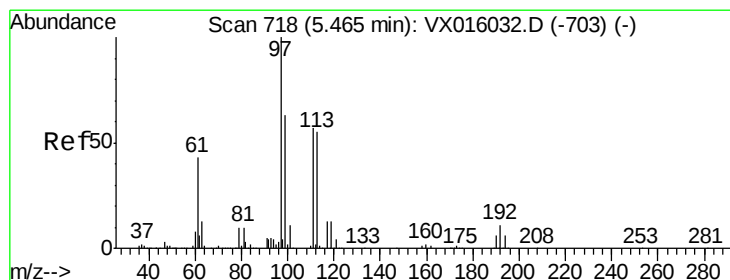
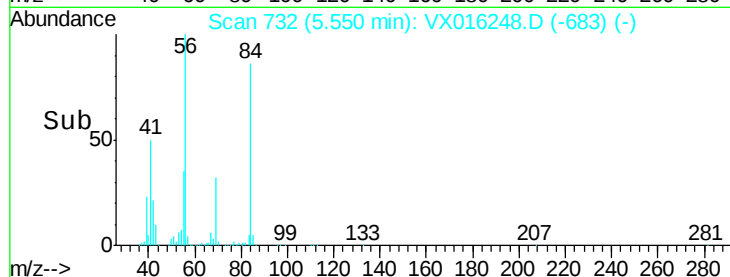
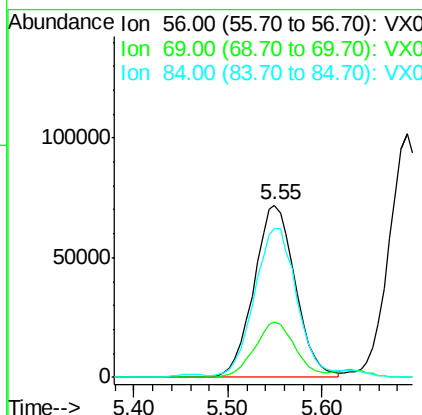
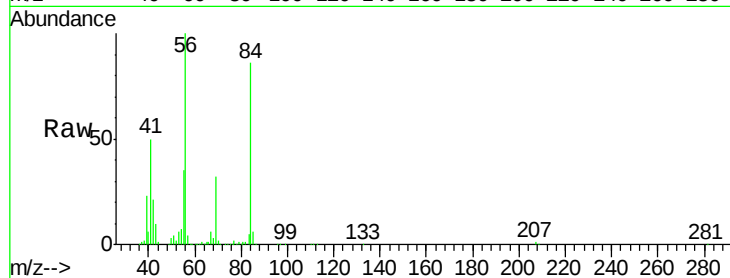




#31
Cyclohexane
Concen: 49.22 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

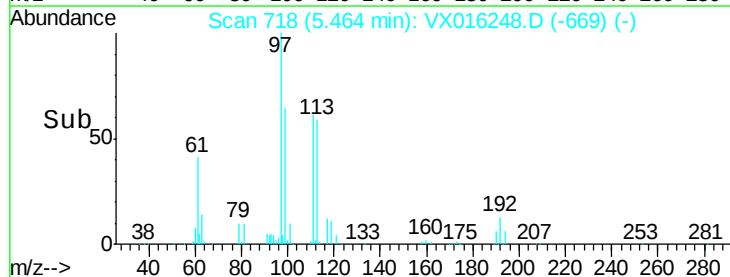
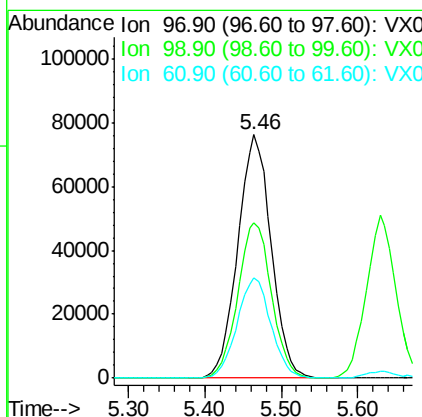
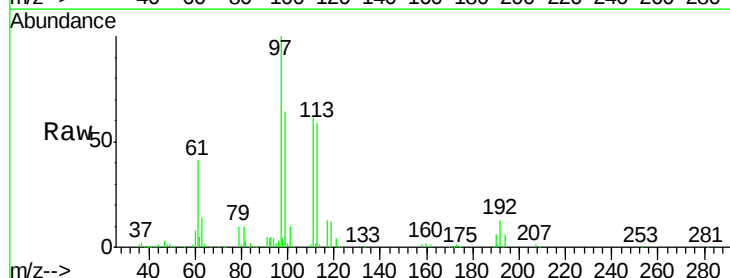
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

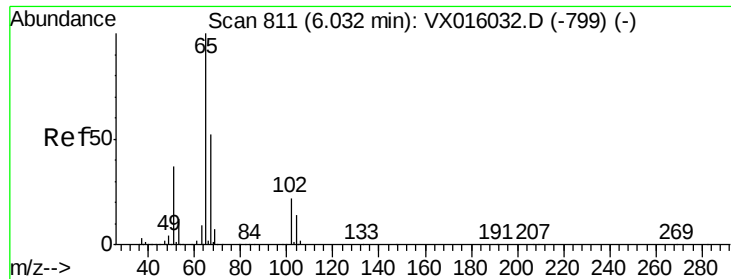
Tgt Ion: 56 Resp: 221373
Ion Ratio Lower Upper
56 100
69 32.5 25.0 37.6
84 85.0 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 51.53 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

Tgt Ion: 97 Resp: 230843
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 41.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 49.82 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

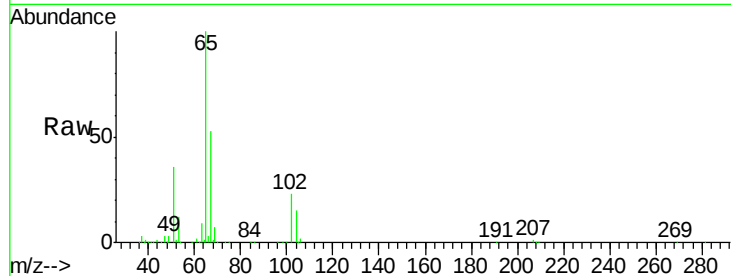
VSTDCCC050

Tgt Ion: 65 Resp: 161325

Ion Ratio Lower Upper

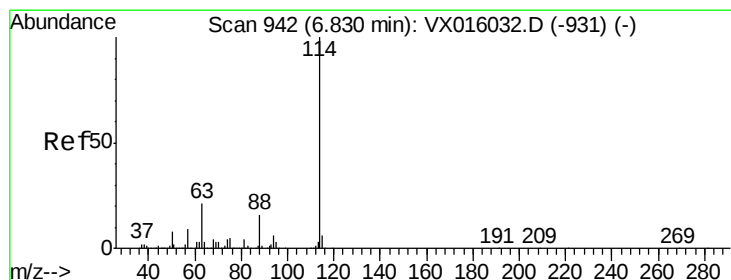
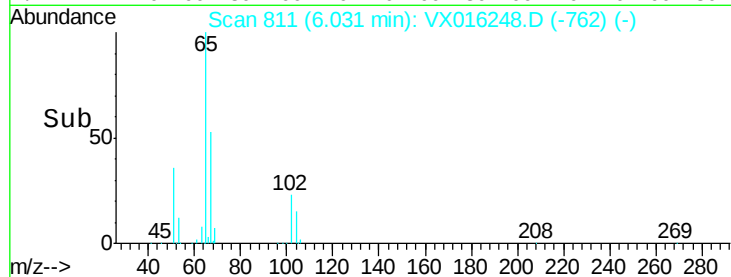
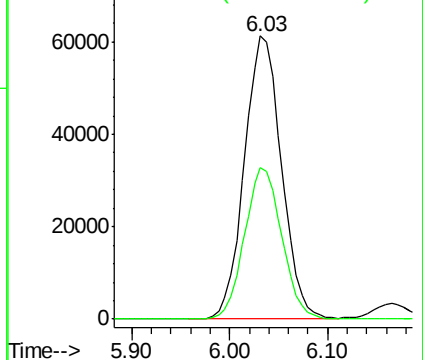
65 100

67 53.6 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: VX016248.D

Acq: 14 May 2020 22:03

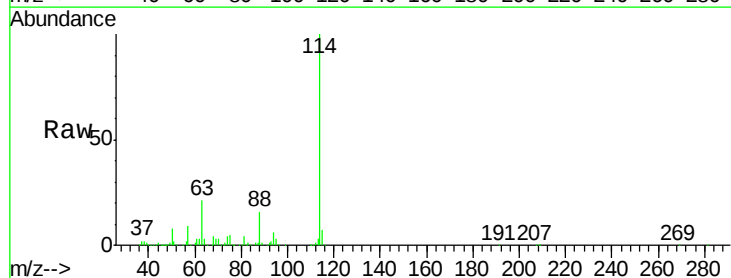
Tgt Ion: 114 Resp: 405451

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

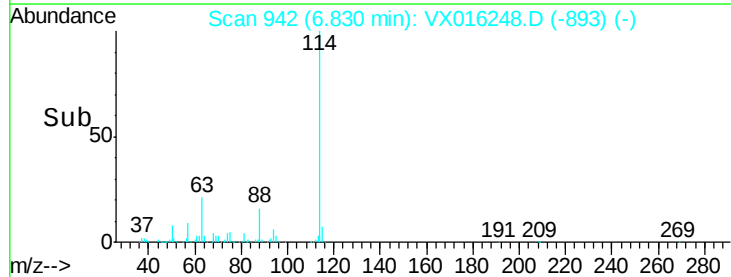
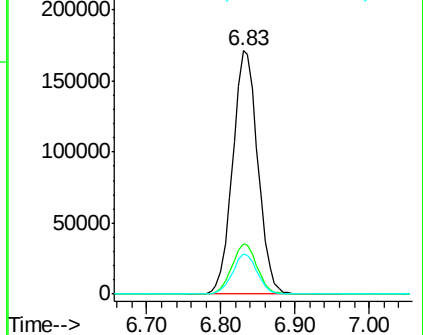
88 16.4 0.0 31.4



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

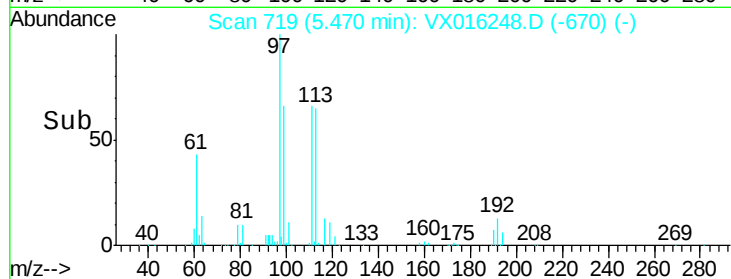
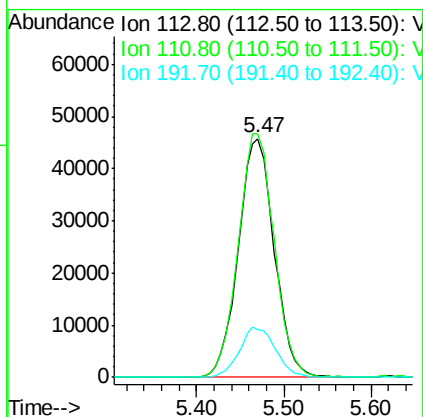
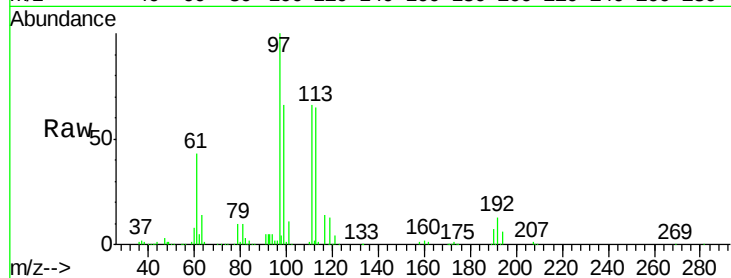




#35
Dibromofluoromethane
Concen: 50.79 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

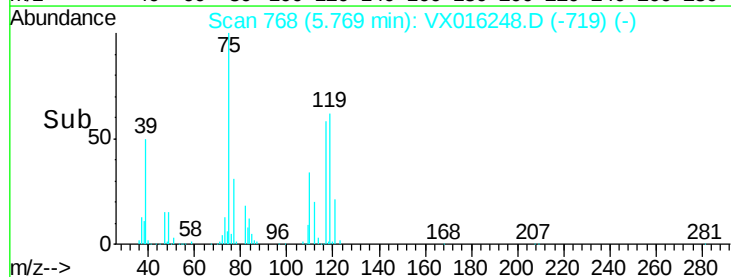
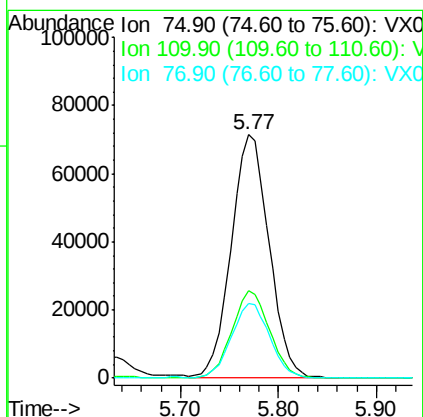
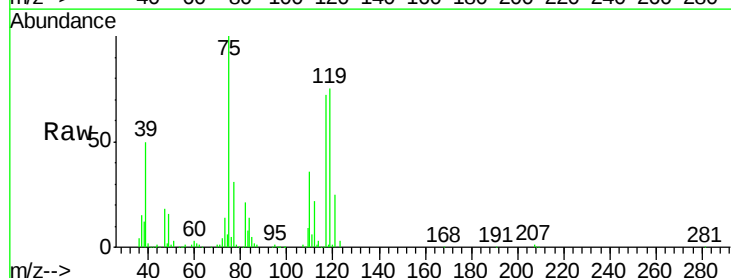
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

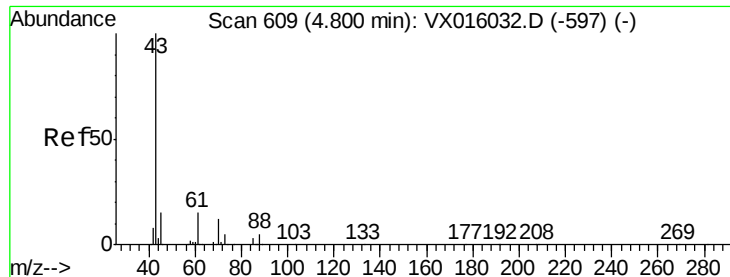
Tgt Ion:113 Resp: 130457
Ion Ratio Lower Upper
113 100
111 102.4 81.6 122.4
192 21.1 17.0 25.4



#36
1,1-Dichloropropene
Concen: 48.00 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

Tgt Ion: 75 Resp: 191558
Ion Ratio Lower Upper
75 100
110 35.8 18.1 54.1
77 31.0 25.0 37.6

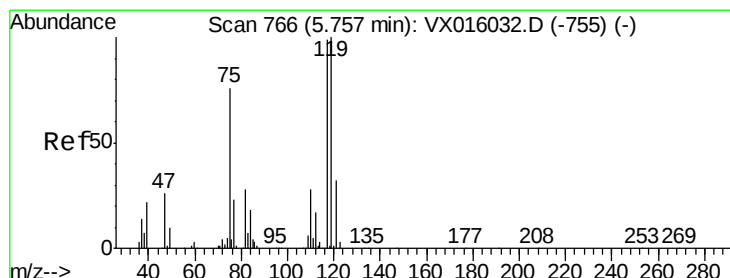
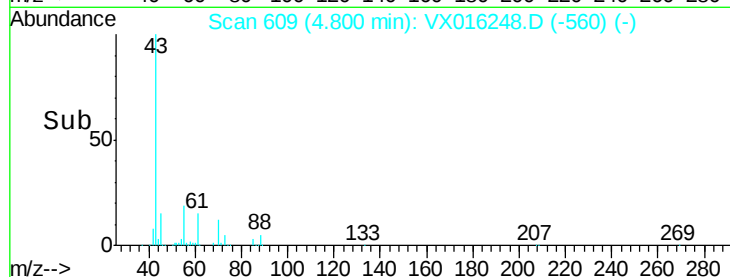
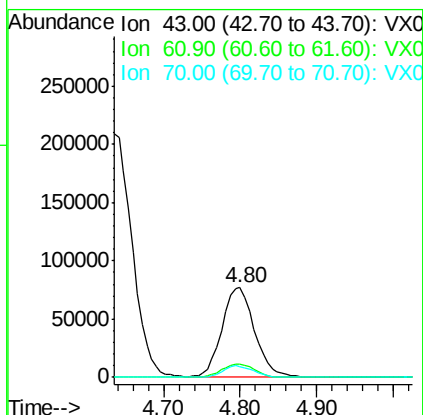
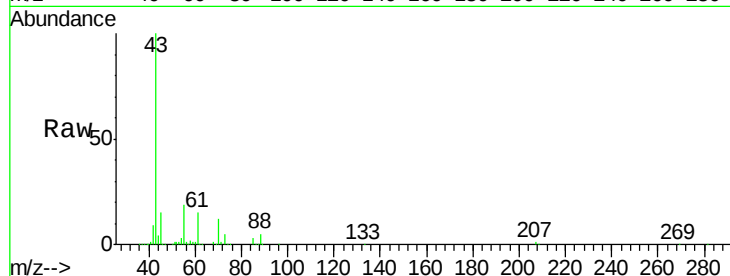




#37
 Ethyl Acetate
 Concen: 48.95 ug/l
 RT: 4.80 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VX016248.D
 Acq: 14 May 2020 22:03

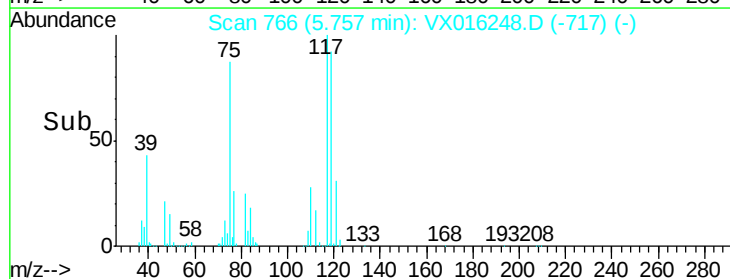
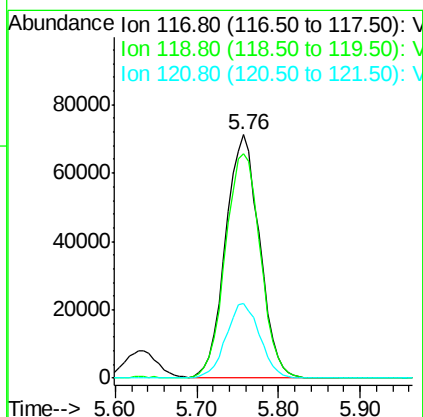
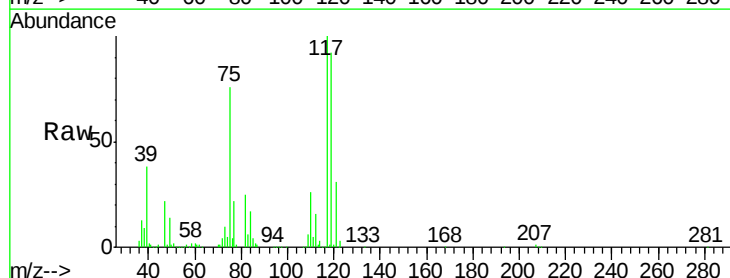
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

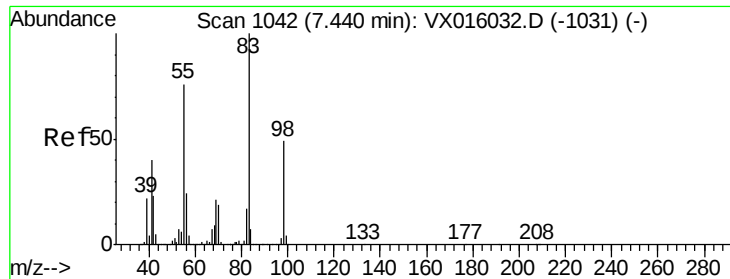
Tgt Ion: 43 Resp: 226442
 Ion Ratio Lower Upper
 43 100
 61 14.8 11.7 17.5
 70 12.2 9.3 13.9



#38
 Carbon Tetrachloride
 Concen: 50.57 ug/l
 RT: 5.76 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VX016248.D
 Acq: 14 May 2020 22:03

Tgt Ion: 117 Resp: 205148
 Ion Ratio Lower Upper
 117 100
 119 92.3 80.3 120.5
 121 30.5 25.7 38.5

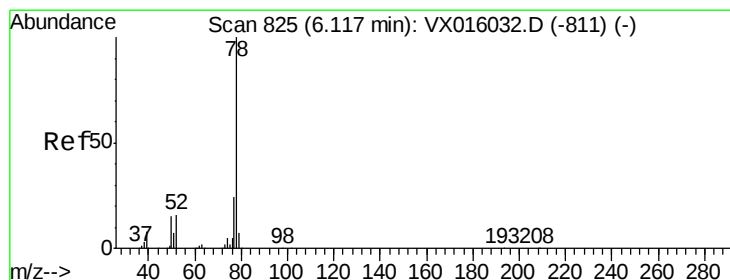
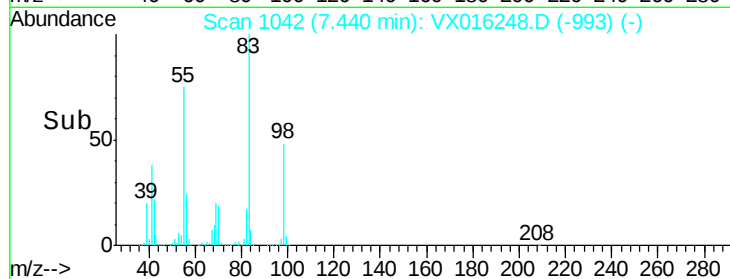
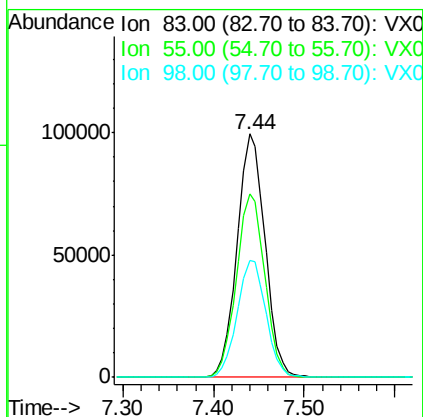
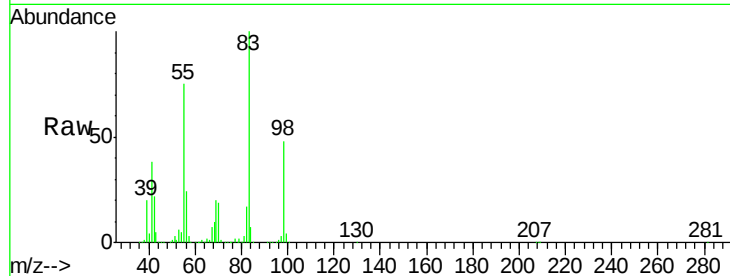




#39
Methylcyclohexane
Concen: 44.24 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

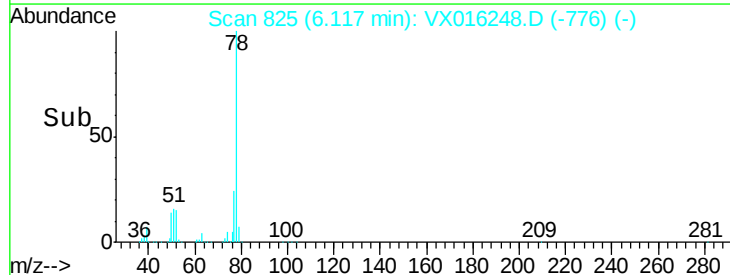
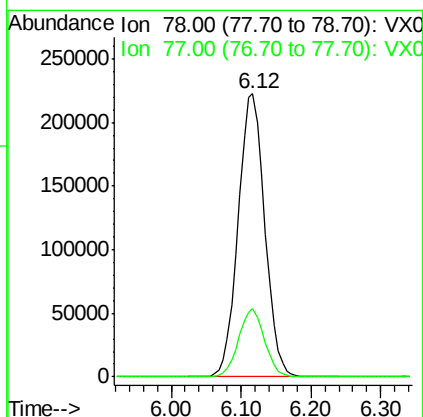
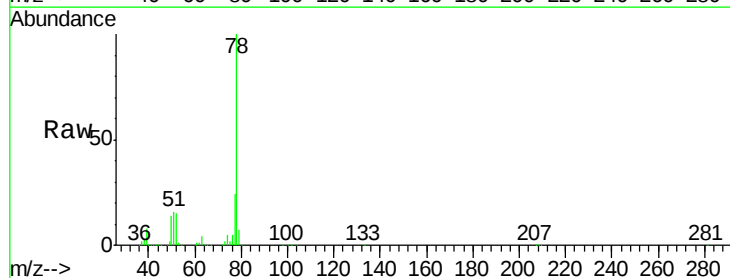
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 212642
Ion Ratio Lower Upper
83 100
55 75.1 61.1 91.7
98 48.0 39.0 58.4



#40
Benzene
Concen: 50.37 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

Tgt Ion: 78 Resp: 588186
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4

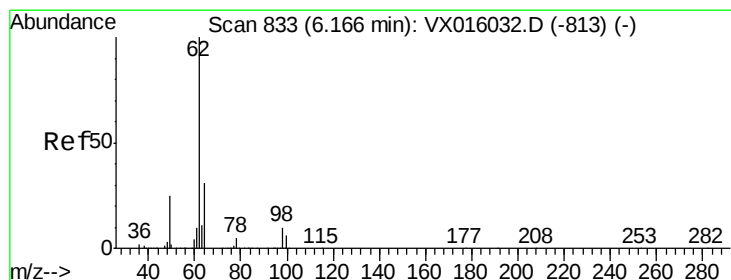
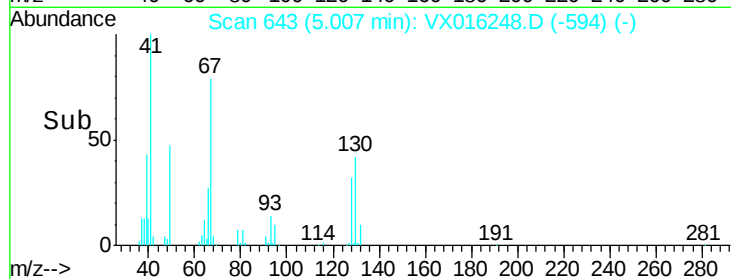
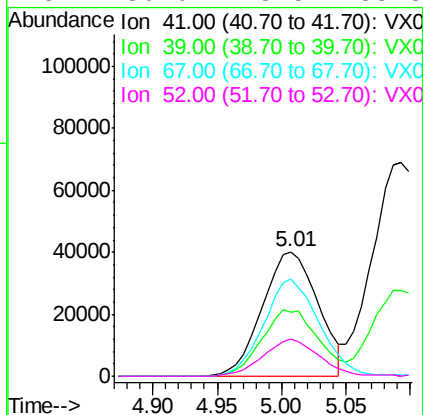
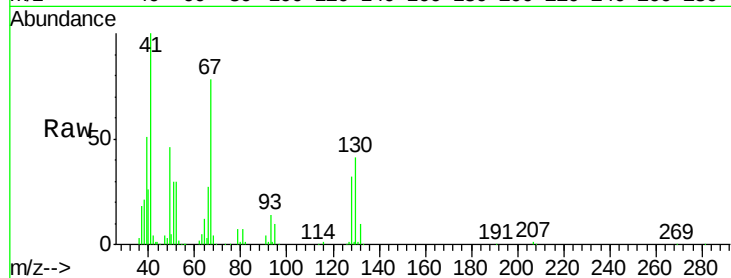




#41
Methacrylonitrile
Concen: 47.93 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

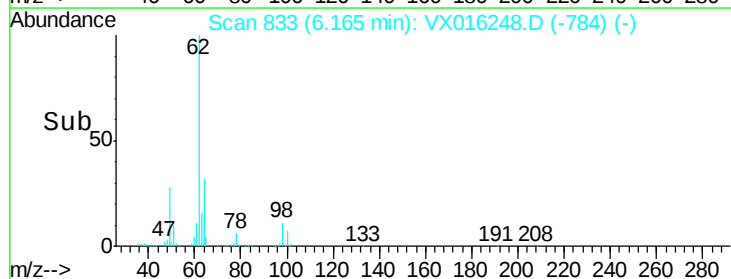
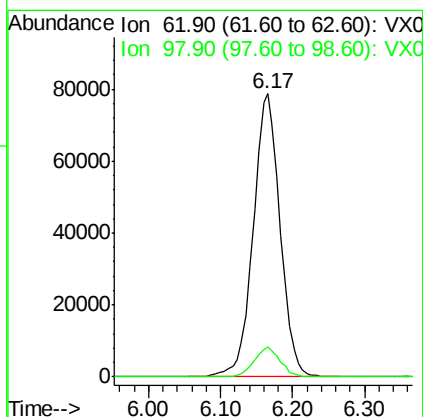
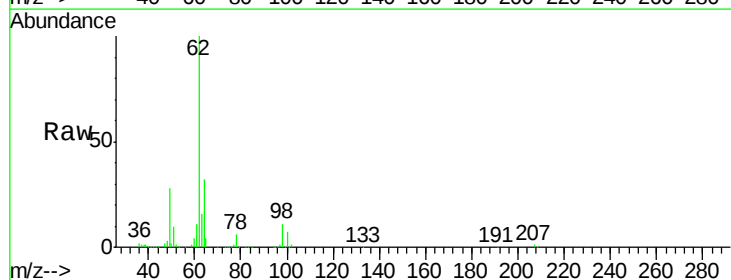
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

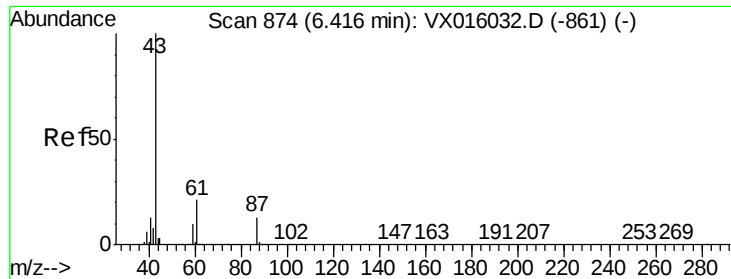
Tgt Ion:	41	Resp:	119743
Ion	Ratio	Lower	Upper
41	100		
39	54.7	43.2	64.8
67	78.7	59.3	88.9
52	30.0	23.5	35.3



#42
1,2-Dichloroethane
Concen: 48.39 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

Tgt Ion:	62	Resp:	203562
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.4





#43

Isopropyl Acetate

Concen: 49.07 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

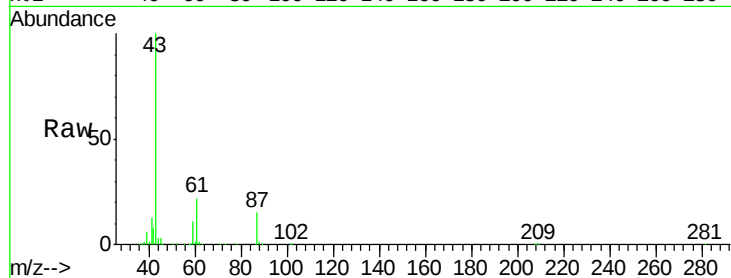
Tgt Ion: 43 Resp: 362191

Ion Ratio Lower Upper

43 100

61 22.0 17.0 25.4

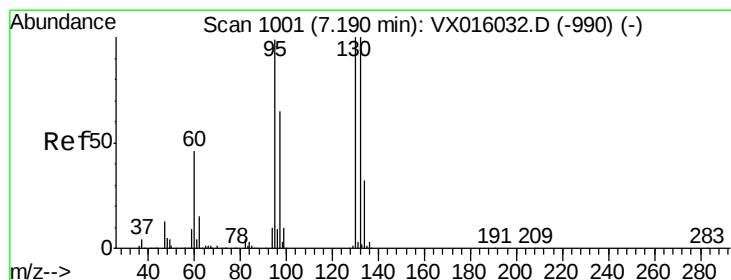
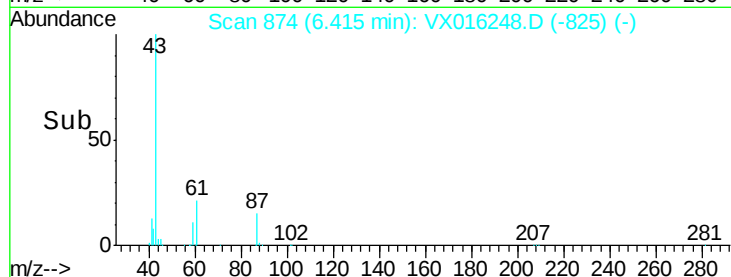
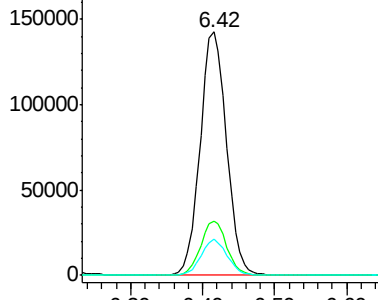
87 14.5 11.0 16.6



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: 45.24 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016248.D

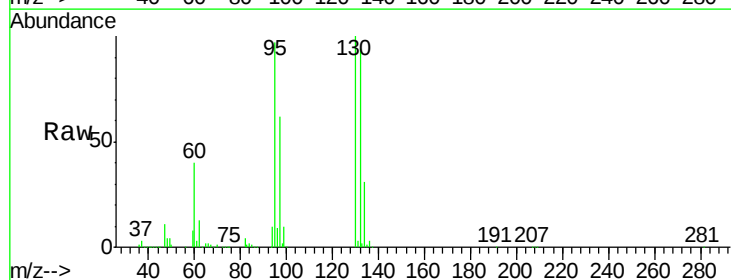
Acq: 14 May 2020 22:03

Tgt Ion: 130 Resp: 187682

Ion Ratio Lower Upper

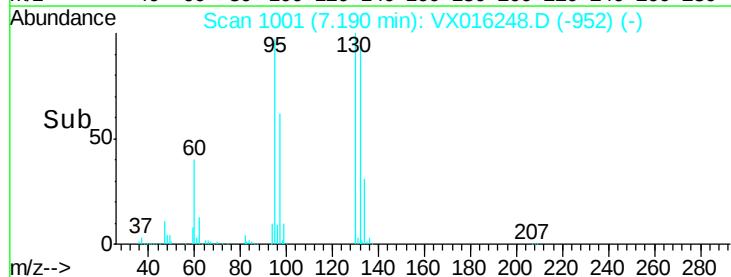
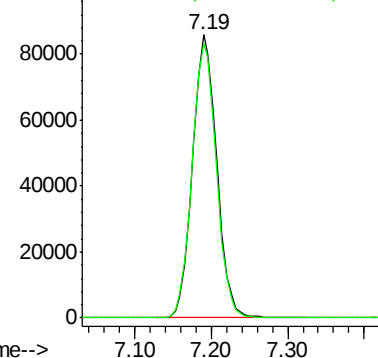
130 100

95 96.8 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

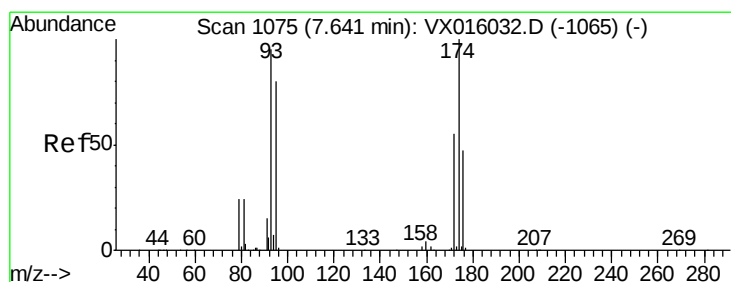
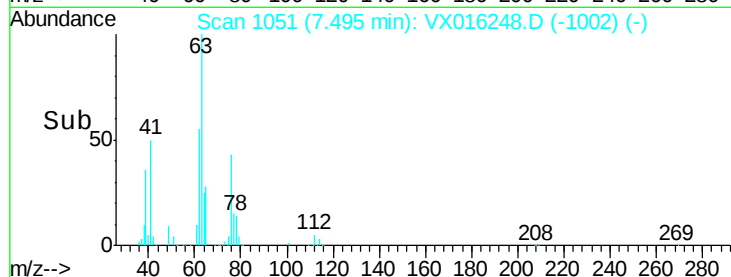
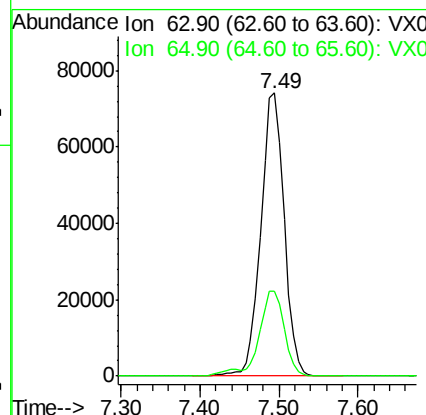
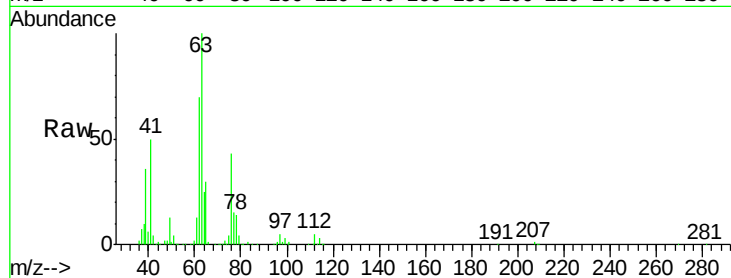




#45
 1,2-Dichloropropane
 Concen: 51.88 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX016248.D
 Acq: 14 May 2020 22:03

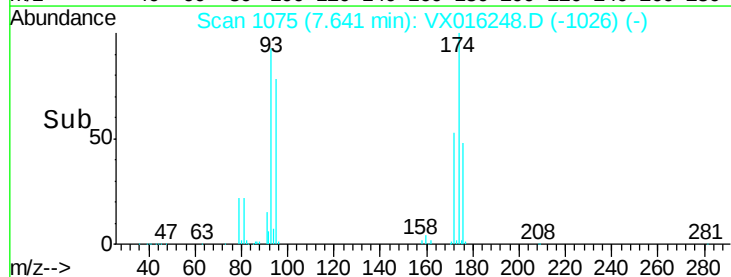
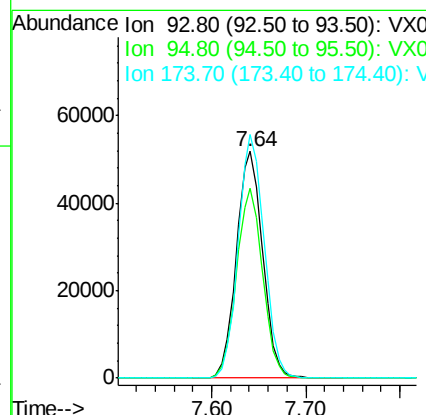
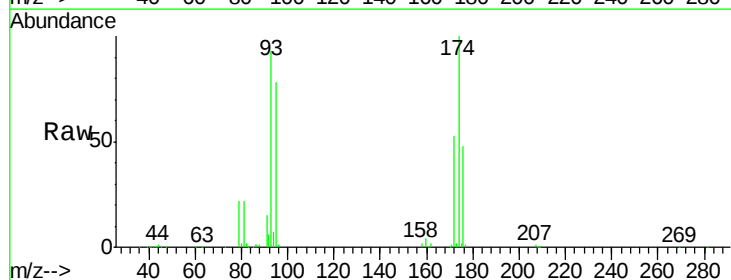
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 153310
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.4 36.6



#46
 Dibromomethane
 Concen: 49.82 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016248.D
 Acq: 14 May 2020 22:03

Tgt Ion: 93 Resp: 100034
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.6 100.0
 174 106.4 84.2 126.4





#47

Bromodichloromethane

Concen: 51.43 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

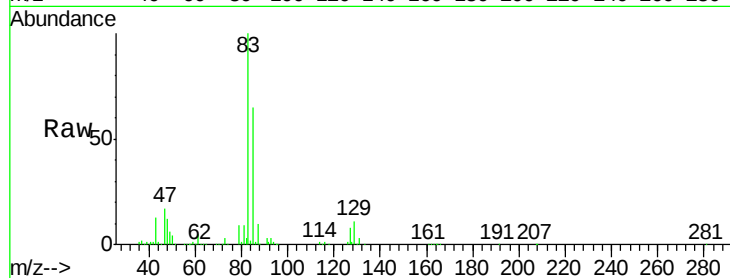
Tgt Ion: 83 Resp: 210317

Ion Ratio Lower Upper

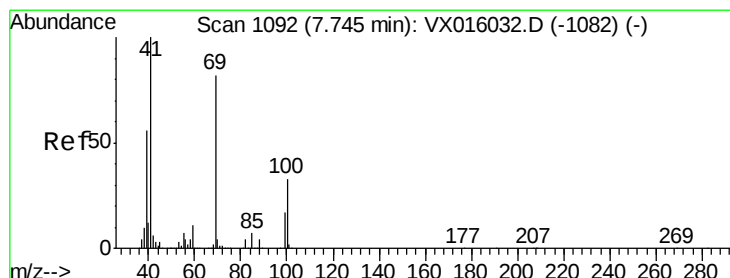
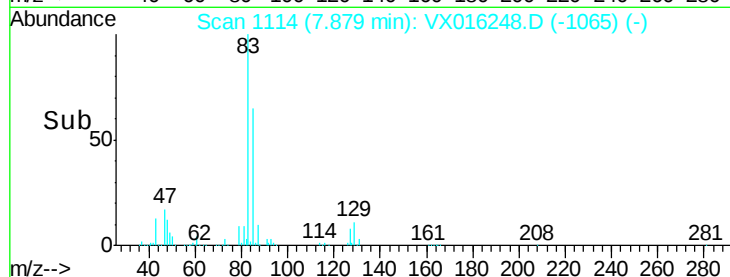
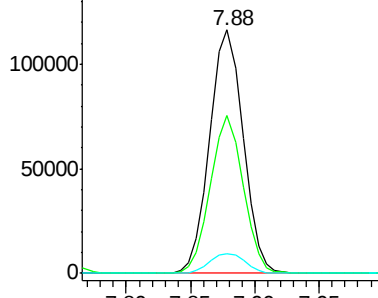
83 100

85 64.9 50.5 75.7

127 8.2 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: 48.75 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

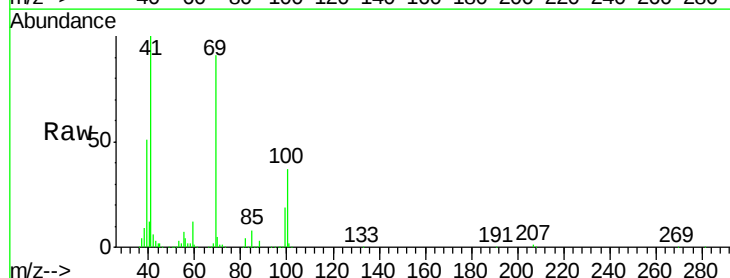
Tgt Ion: 41 Resp: 170507

Ion Ratio Lower Upper

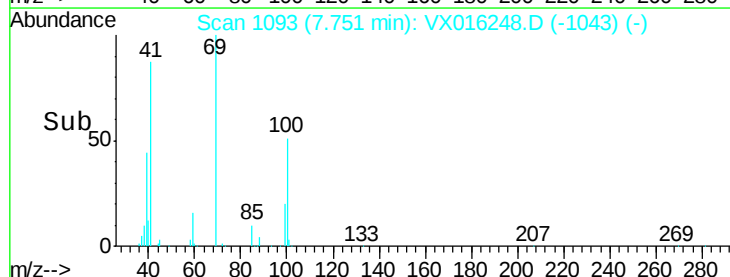
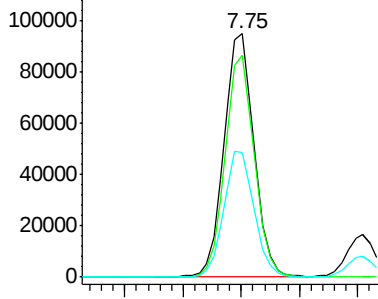
41 100

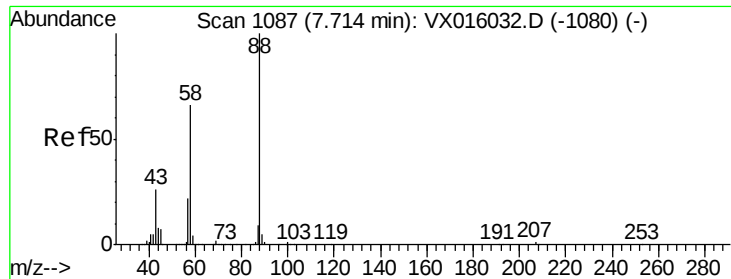
69 89.6 67.8 101.6

39 52.2 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: 924.39 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

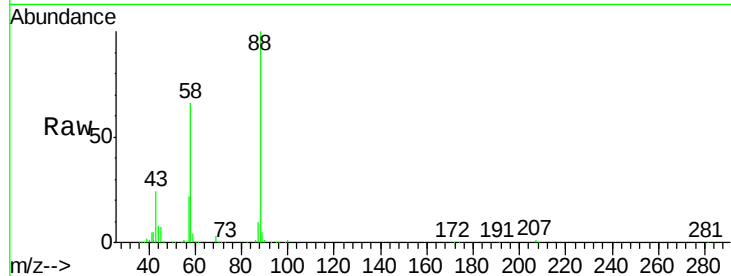
Tgt Ion: 88 Resp: 77535

Ion Ratio Lower Upper

88 100

43 29.1 25.3 37.9

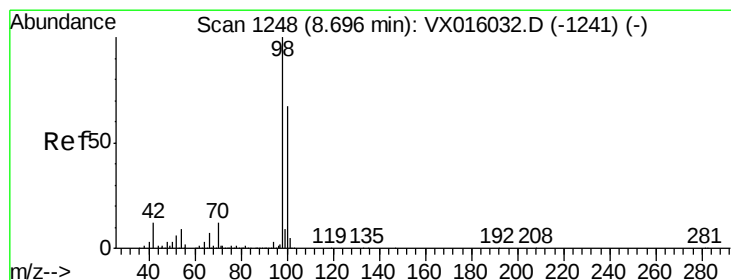
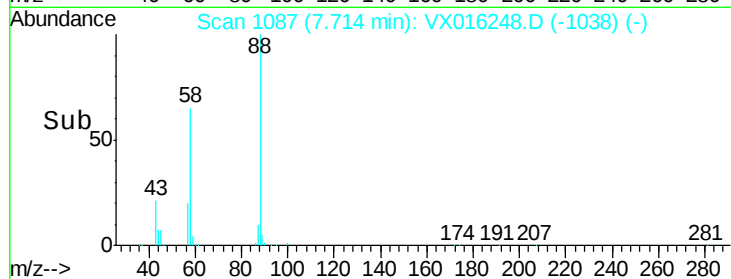
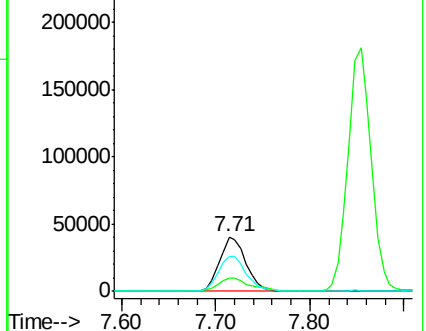
58 69.2 55.9 83.9



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: 51.56 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016248.D

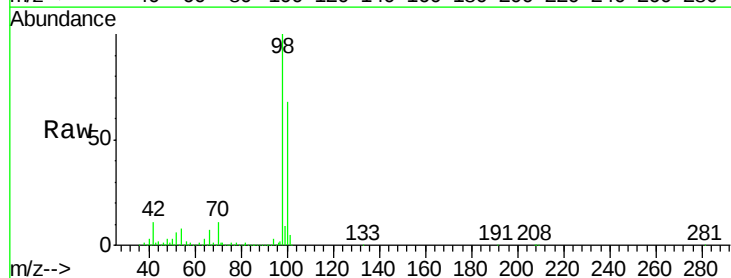
Acq: 14 May 2020 22:03

Tgt Ion: 98 Resp: 510262

Ion Ratio Lower Upper

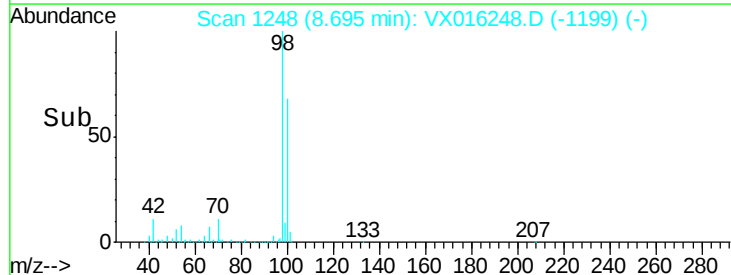
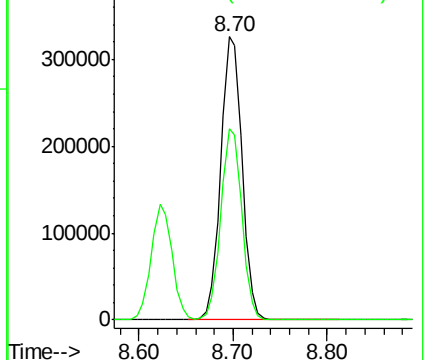
98 100

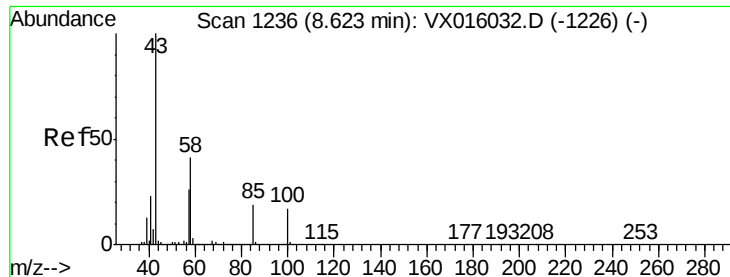
100 66.7 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

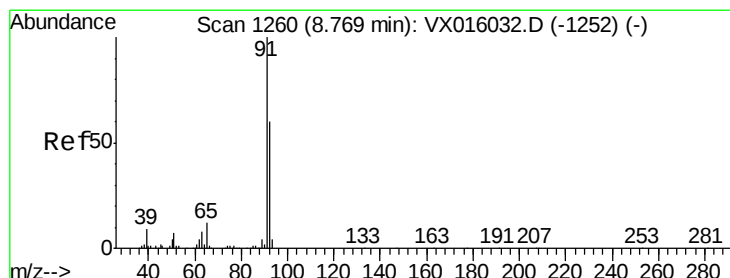
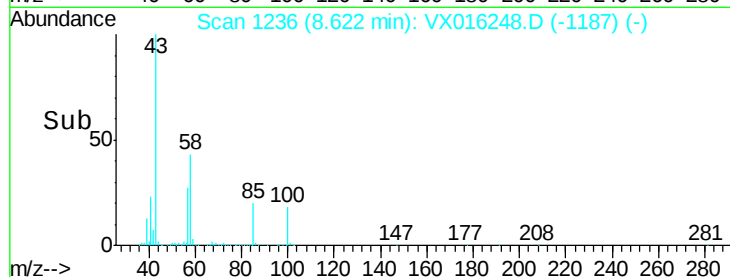
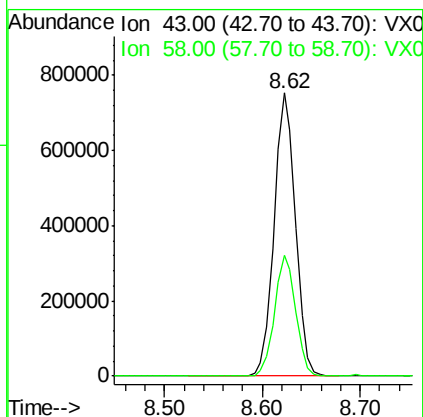
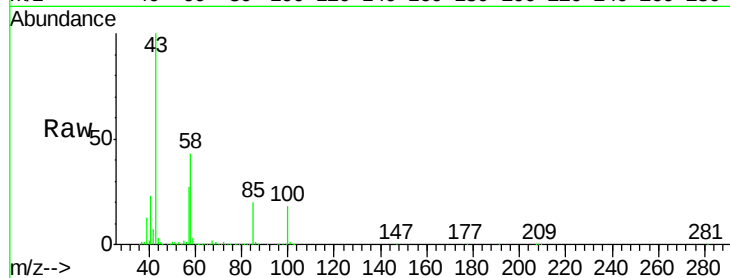




#51
 4-Methyl-2-Pentanone
 Concen: 254.87 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016248.D
 Acq: 14 May 2020 22:03

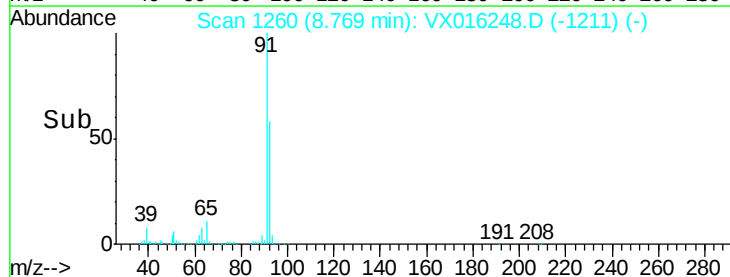
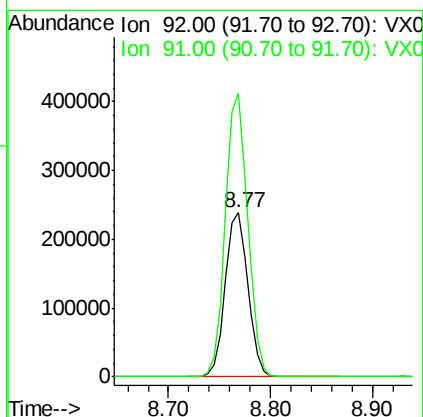
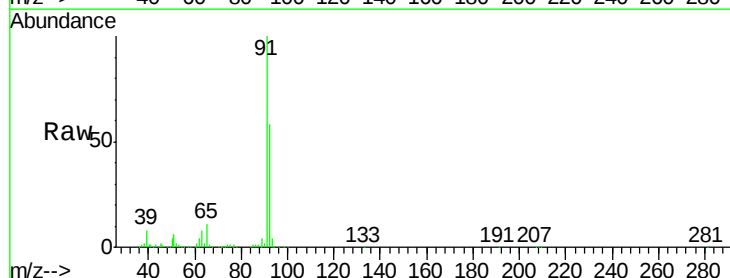
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

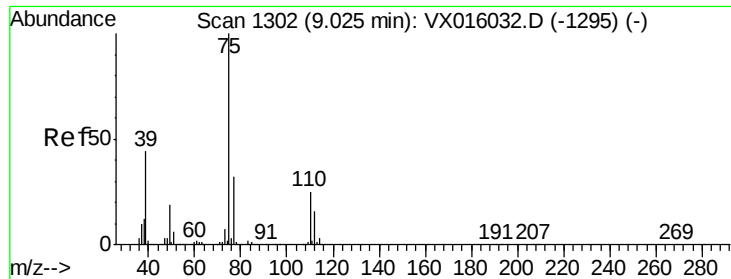
Tgt Ion: 43 Resp: 1151102
 Ion Ratio Lower Upper
 43 100
 58 42.4 33.0 49.4



#52
 Toluene
 Concen: 50.40 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016248.D
 Acq: 14 May 2020 22:03

Tgt Ion: 92 Resp: 366862
 Ion Ratio Lower Upper
 92 100
 91 170.7 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 49.42 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

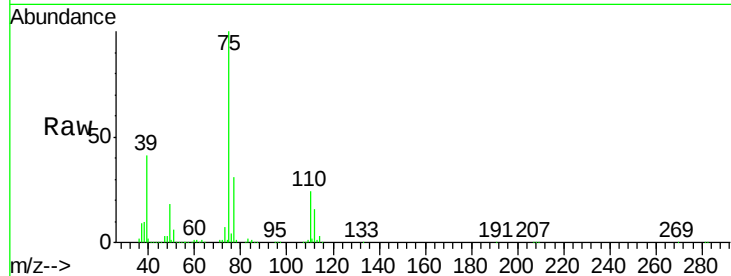
VSTDCCC050

Tgt Ion: 75 Resp: 240974

Ion Ratio Lower Upper

75 100

77 31.0 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

200000

150000

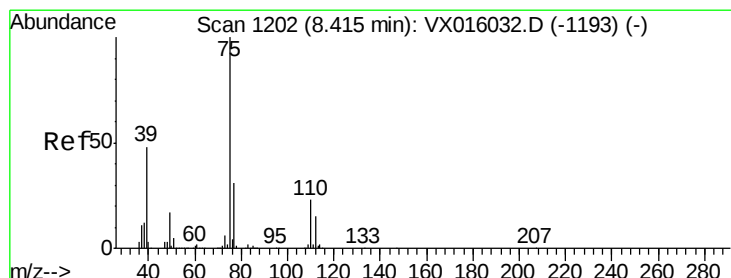
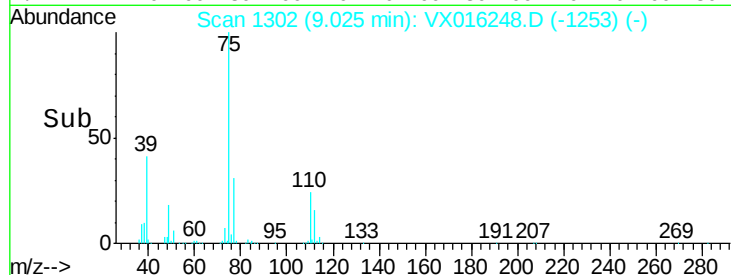
100000

50000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.51 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

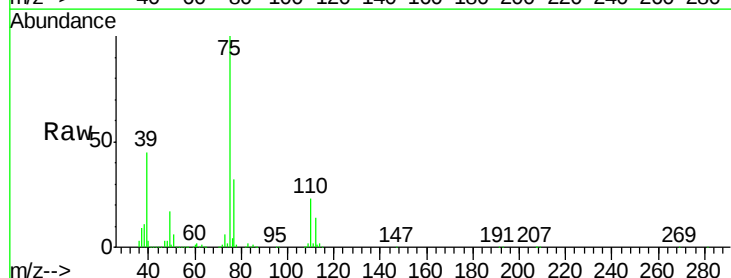
Tgt Ion: 75 Resp: 252172

Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

39 45.1 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

200000

150000

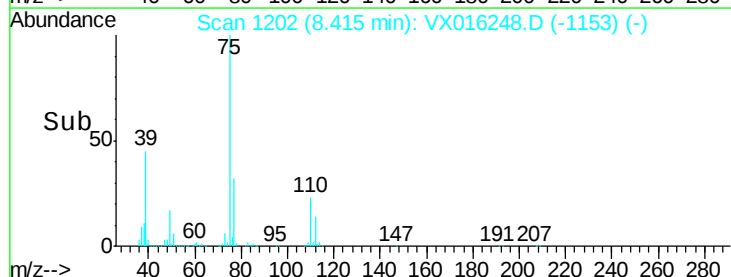
100000

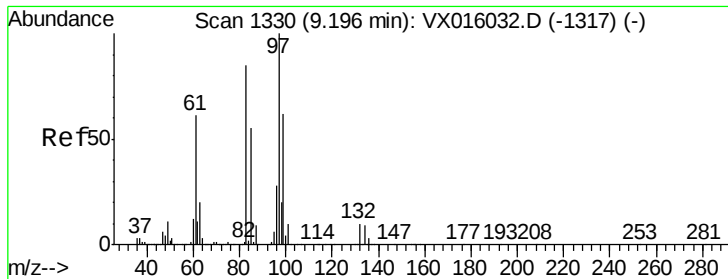
50000

0

8.30 8.40 8.50

Time-->





#55

1,1,2-Trichloroethane

Concen: 51.85 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 148484

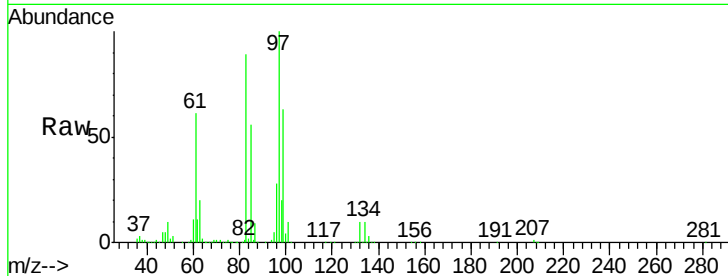
Ion Ratio Lower Upper

97 100

83 89.1 67.8 101.8

85 56.3 43.8 65.8

99 62.6 49.4 74.0

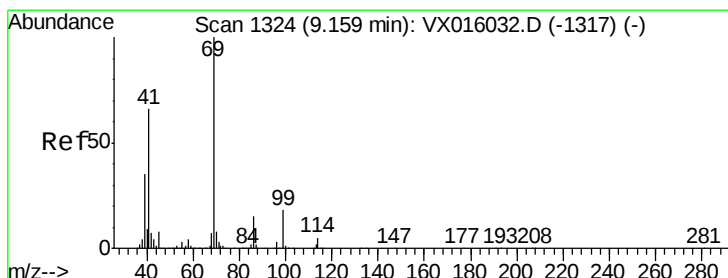
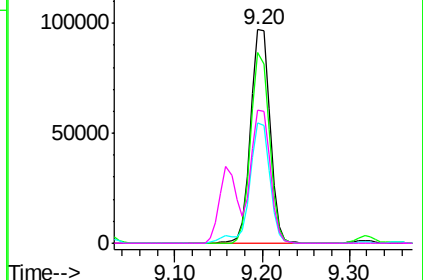
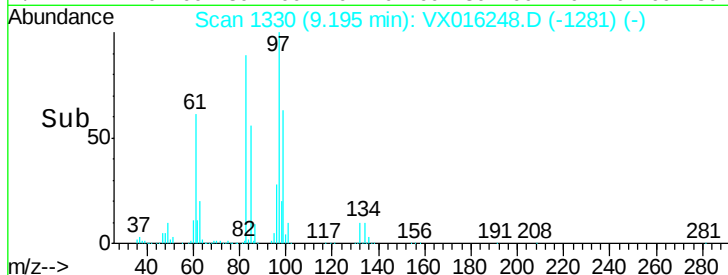


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 52.65 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

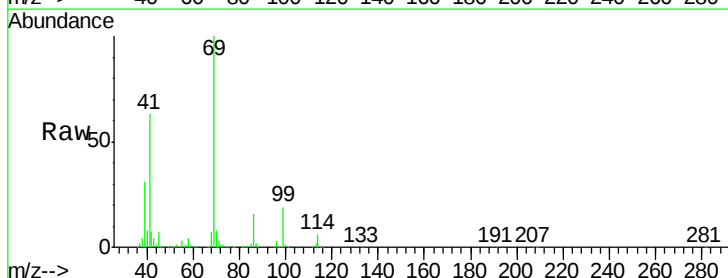
Tgt Ion: 69 Resp: 246130

Ion Ratio Lower Upper

69 100

41 62.2 52.2 78.4

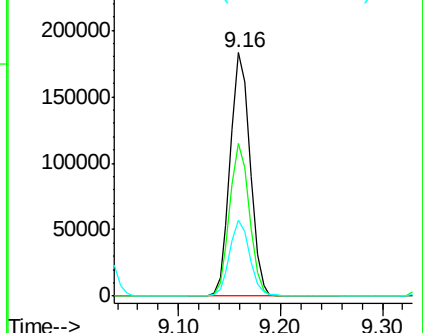
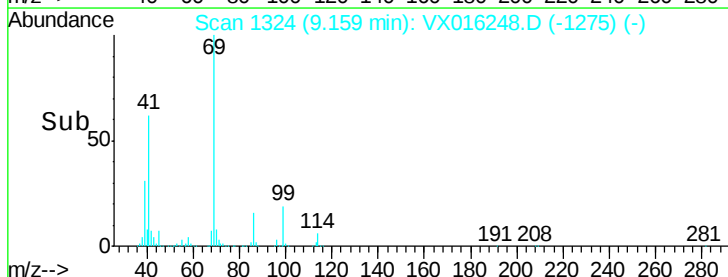
39 31.5 28.2 42.4

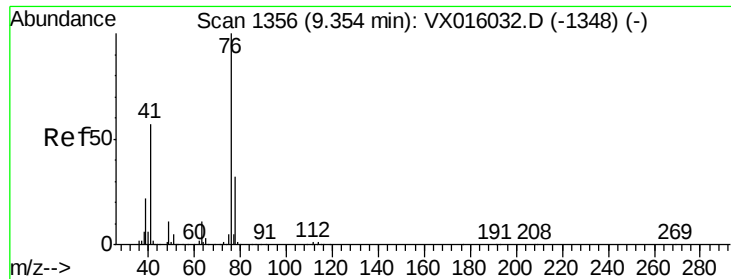


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.04 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

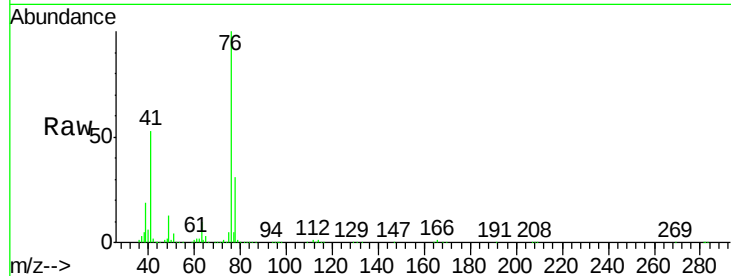
VSTDCCC050

Tgt Ion: 76 Resp: 260053

Ion Ratio Lower Upper

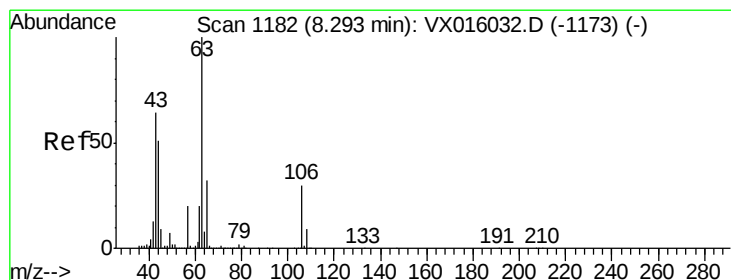
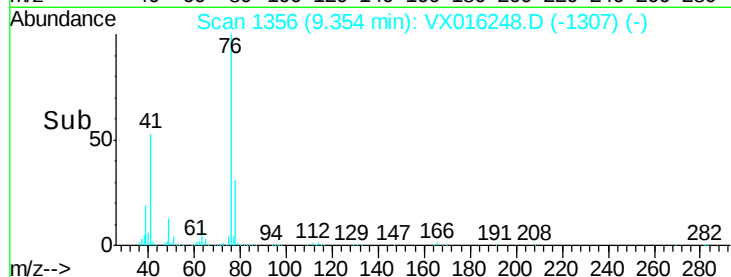
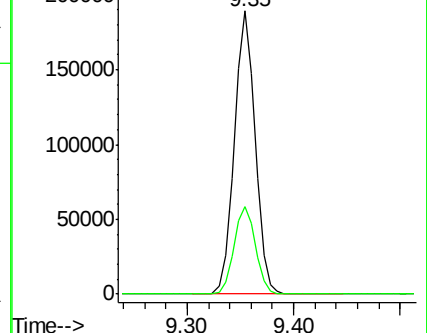
76 100

78 31.8 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 254.08 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016248.D

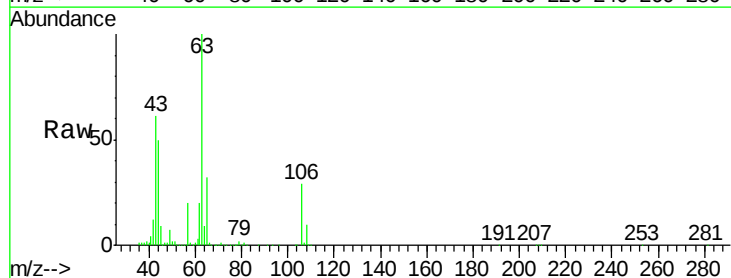
Acq: 14 May 2020 22:03

Tgt Ion: 63 Resp: 632308

Ion Ratio Lower Upper

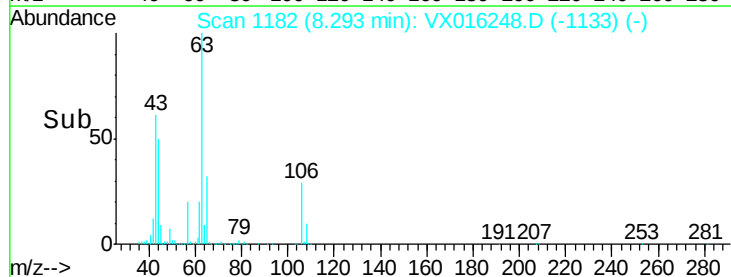
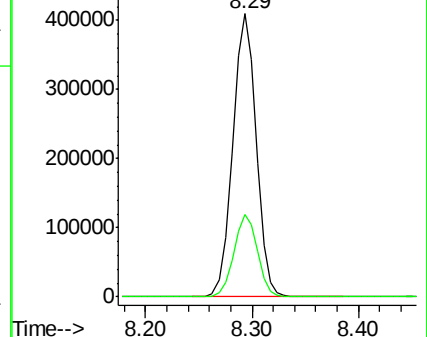
63 100

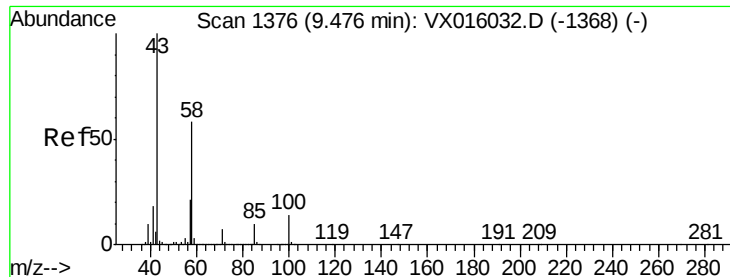
106 29.2 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

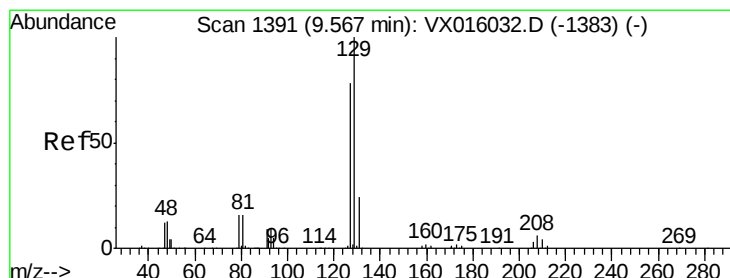
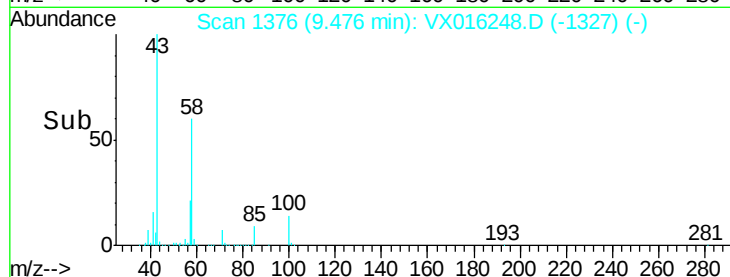
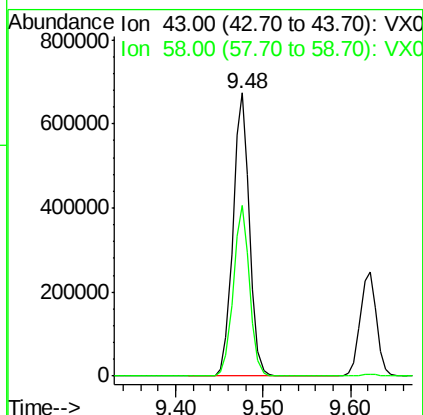
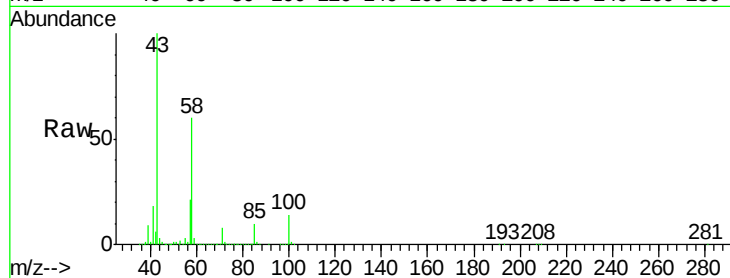




#59
2-Hexanone
Concen: 249.34 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

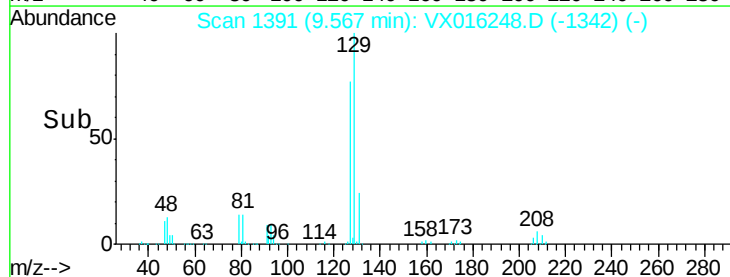
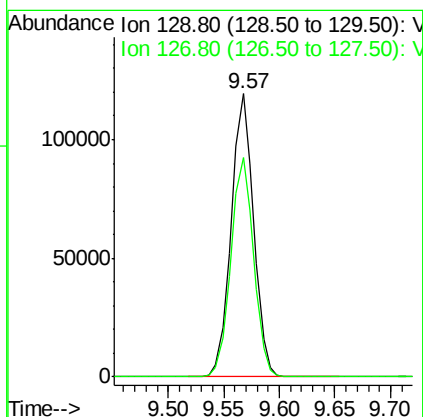
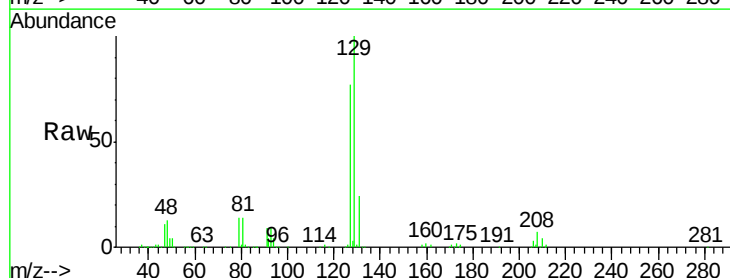
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

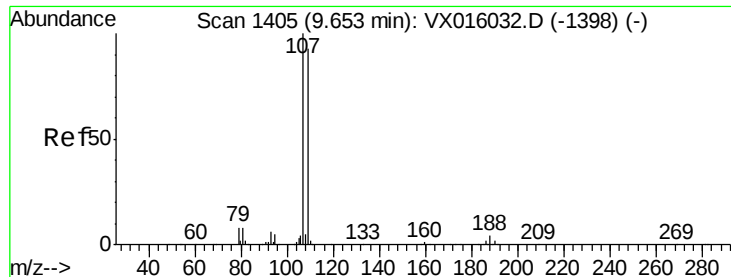
Tgt Ion: 43 Resp: 884400
Ion Ratio Lower Upper
43 100
58 59.5 28.6 85.9



#60
Dibromochloromethane
Concen: 52.66 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

Tgt Ion: 129 Resp: 166106
Ion Ratio Lower Upper
129 100
127 78.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.78 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

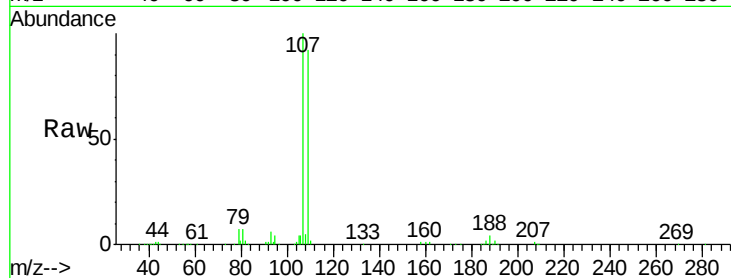
VSTDCCC050

Tgt Ion: 107 Resp: 160607

Ion Ratio Lower Upper

107 100

109 94.7 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.66

120000

100000

80000

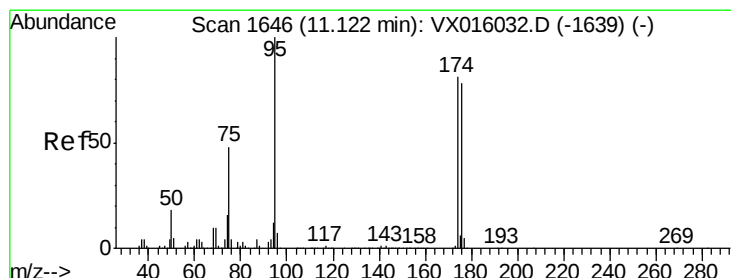
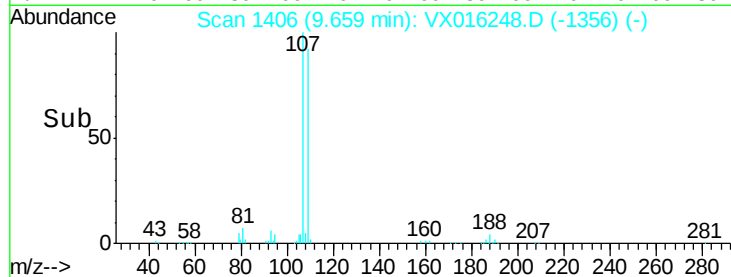
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.28 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

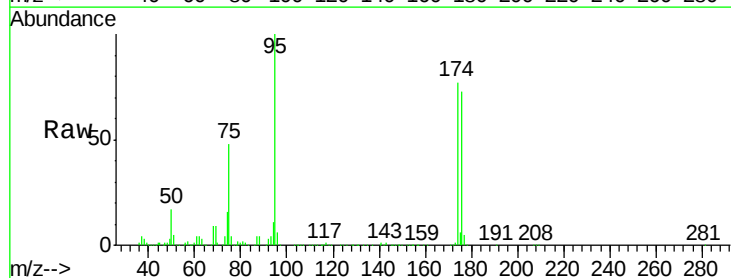
Tgt Ion: 95 Resp: 200563

Ion Ratio Lower Upper

95 100

174 79.8 0.0 159.4

176 78.3 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

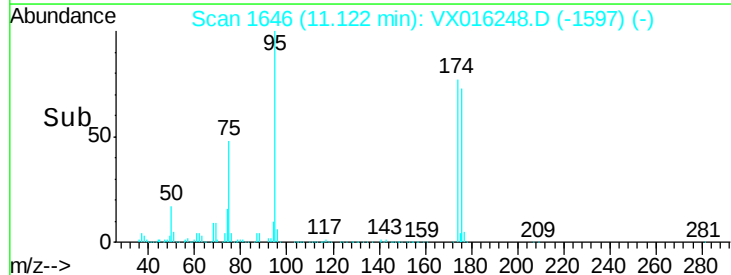
150000

100000

50000

0

Time-->

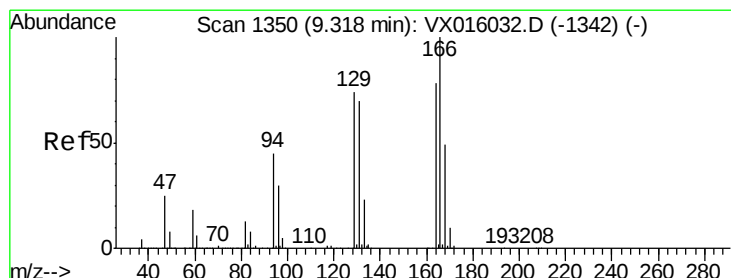
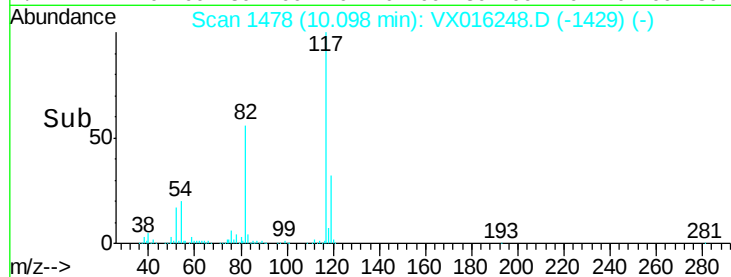
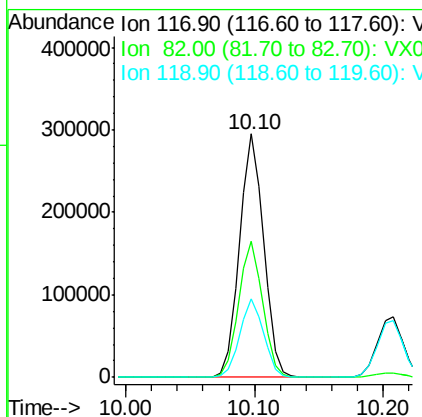
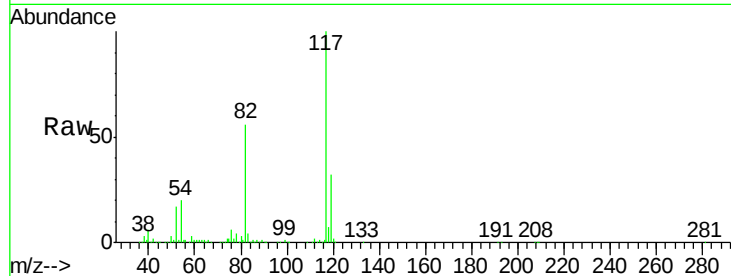




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

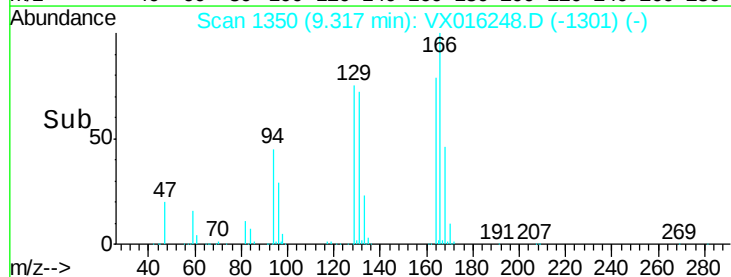
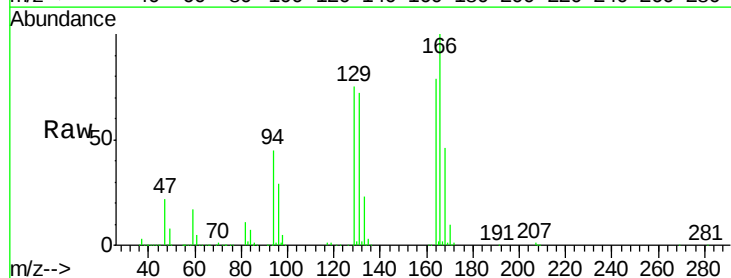
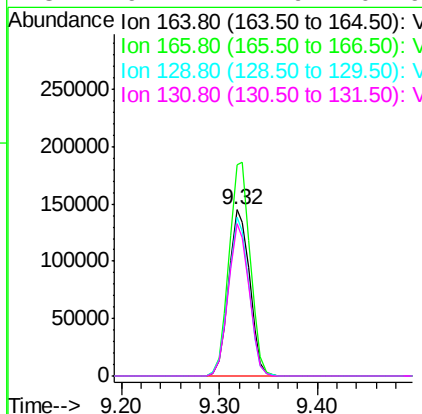
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

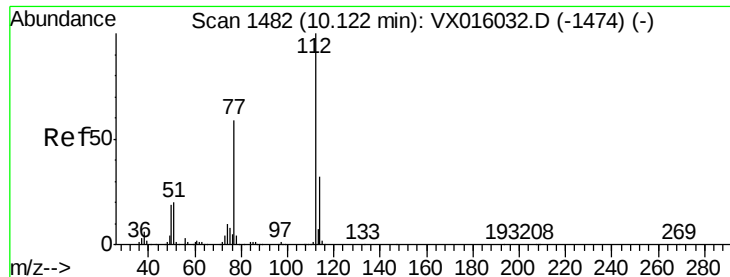
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.4	66.6
119	32.3	25.5	38.3



#64
Tetrachloroethene
Concen: 45.84 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.9	154.3
129	96.1	76.1	114.1
131	91.7	71.9	107.9





#65

Chlorobenzene

Concen: 49.79 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

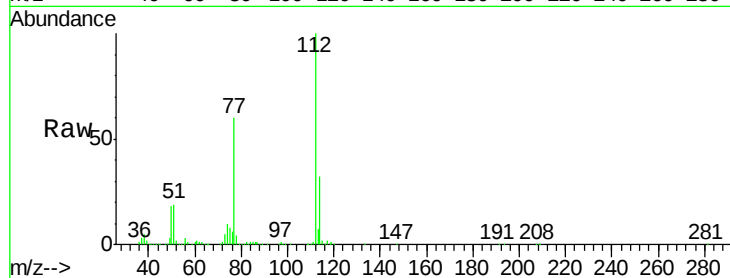
VSTDCCC050

Tgt Ion:112 Resp: 398974

Ion Ratio Lower Upper

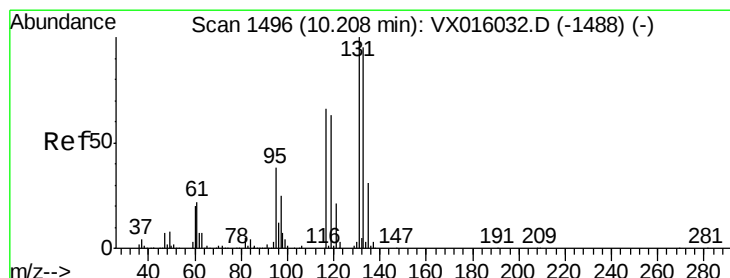
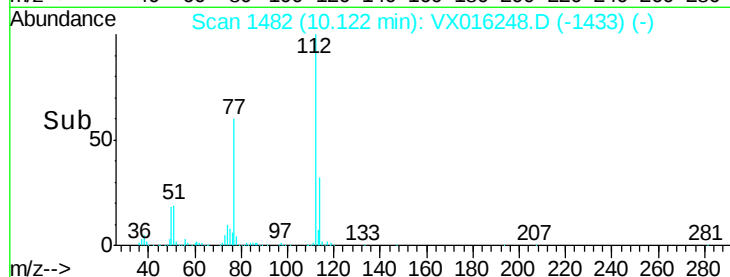
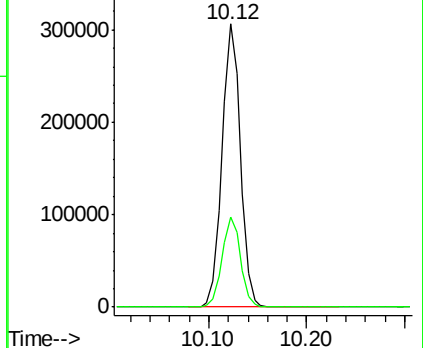
112 100

114 31.8 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.06 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

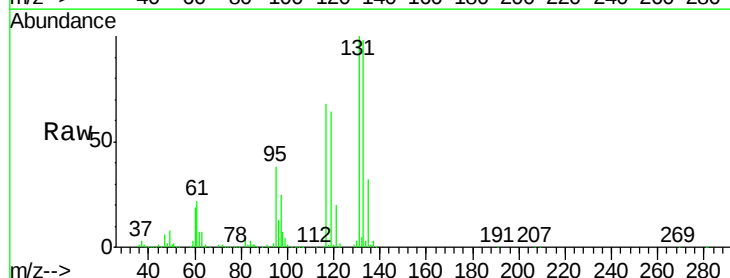
Tgt Ion:131 Resp: 151225

Ion Ratio Lower Upper

131 100

133 96.1 48.3 144.8

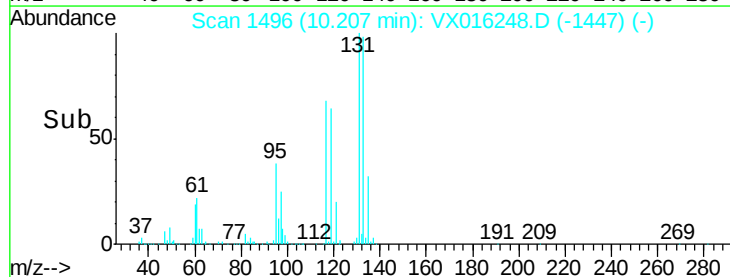
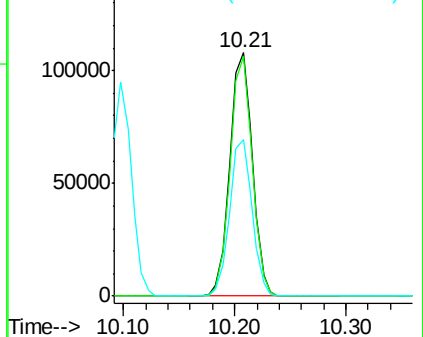
119 64.0 32.3 96.9

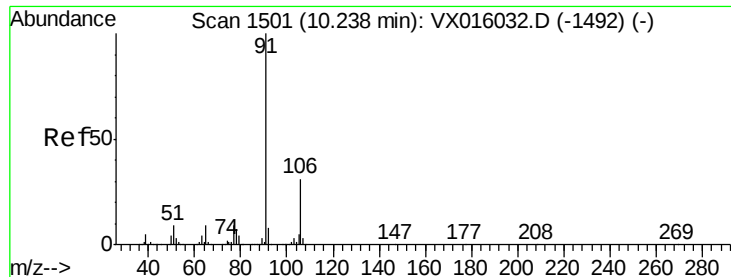


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

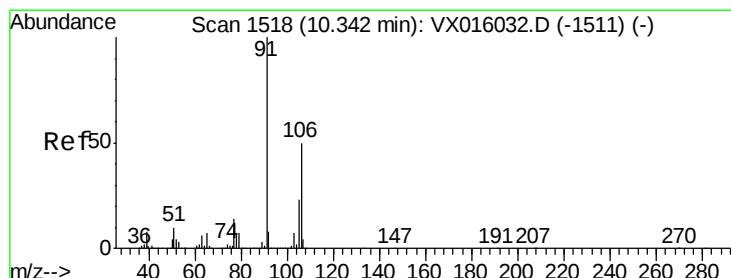
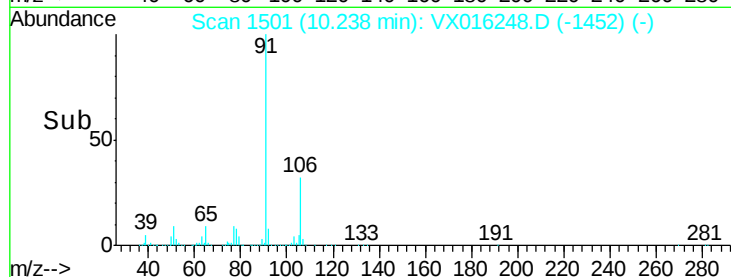
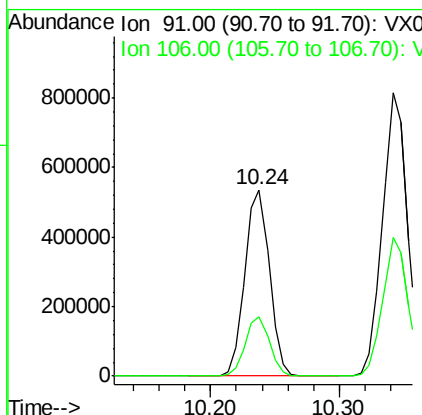
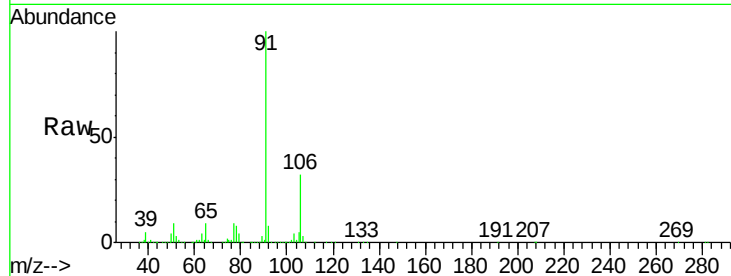




#67
 Ethyl Benzene
 Concen: 49.08 ug/l
 RT: 10.24 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: VX016248.D
 Acq: 14 May 2020 22:03

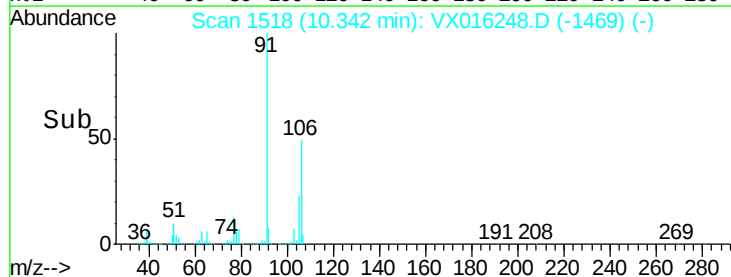
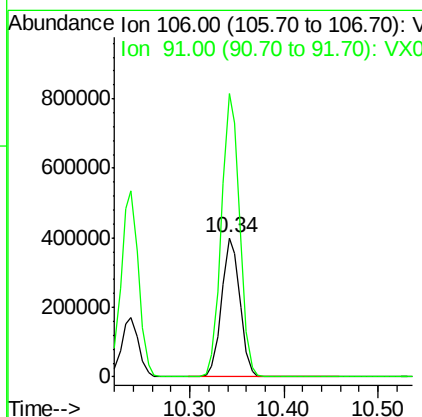
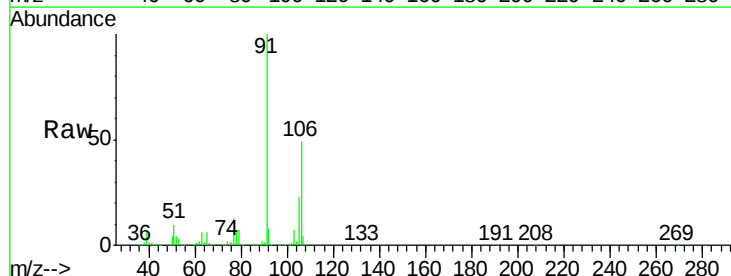
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 701668
 Ion Ratio Lower Upper
 91 100
 106 32.0 25.1 37.7



#68
 m/p-Xylenes
 Concen: 99.89 ug/l
 RT: 10.34 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: VX016248.D
 Acq: 14 May 2020 22:03

Tgt Ion: 106 Resp: 535063
 Ion Ratio Lower Upper
 106 100
 91 203.5 161.7 242.5

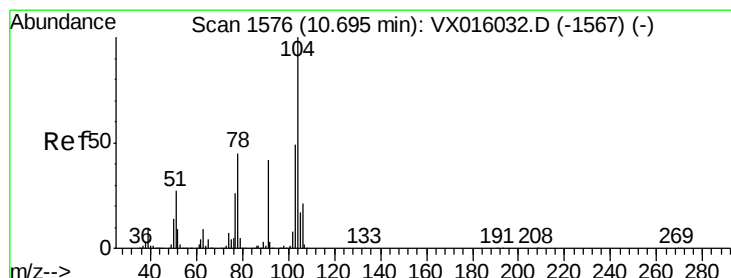
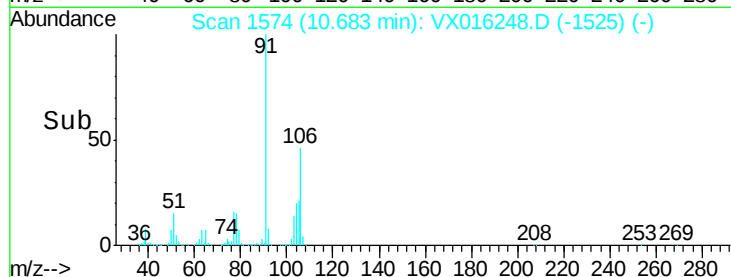
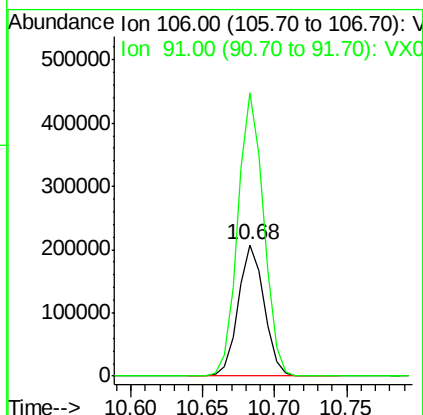
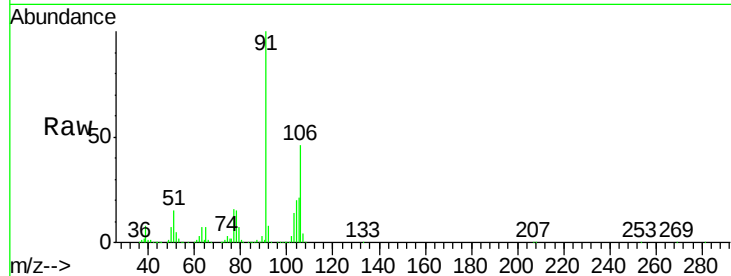




#69
o-Xylene
Concen: 50.32 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

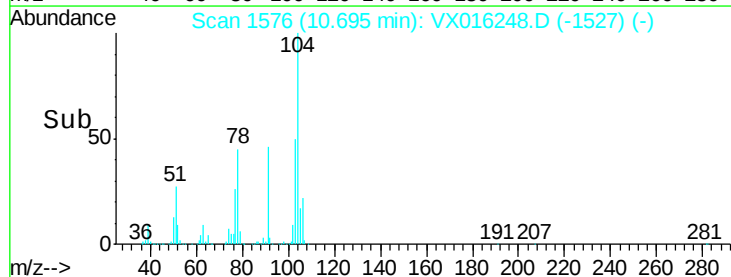
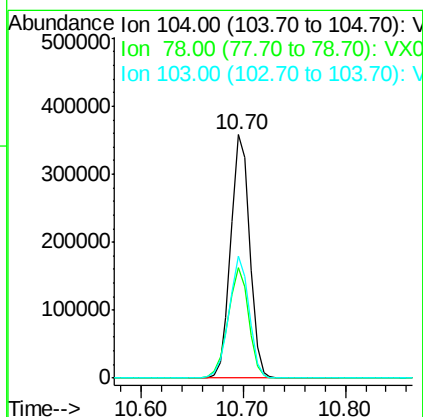
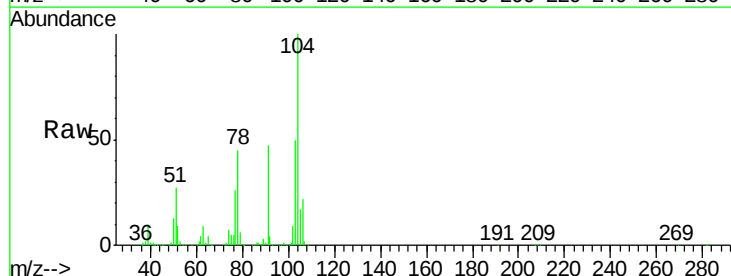
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

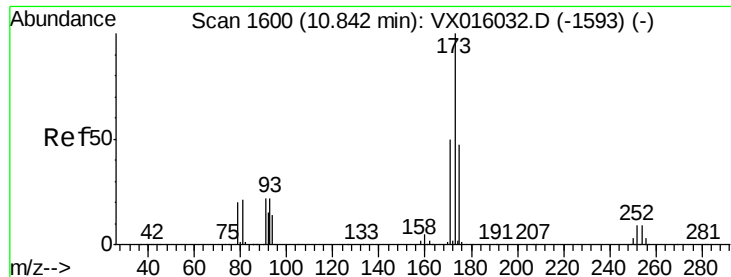
Tgt Ion:106 Resp: 259118
Ion Ratio Lower Upper
106 100
91 215.9 107.5 322.6



#70
Styrene
Concen: 52.43 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016248.D
Acq: 14 May 2020 22:03

Tgt Ion:104 Resp: 457989
Ion Ratio Lower Upper
104 100
78 49.3 40.2 60.2
103 53.1 43.0 64.6





#71

Bromoform

Concen: 53.61 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

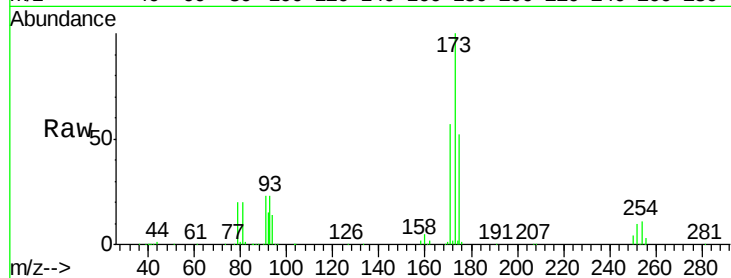
Tgt Ion:173 Resp: 129366

Ion Ratio Lower Upper

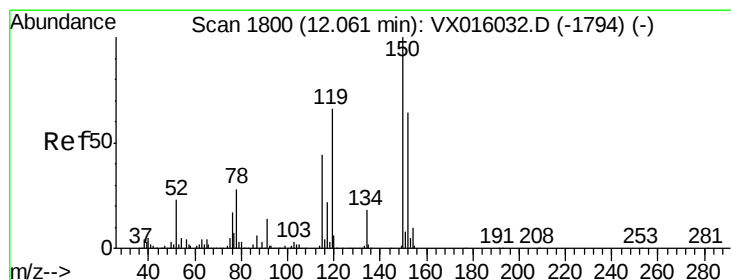
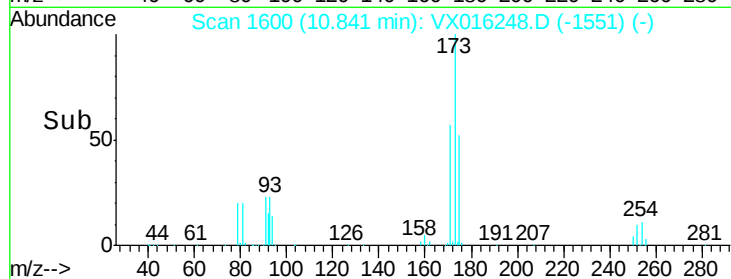
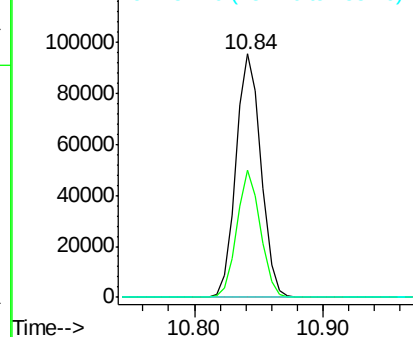
173 100

175 49.3 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: VX016248.D

Acq: 14 May 2020 22:03

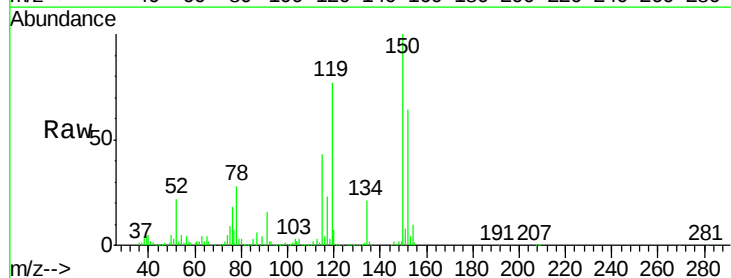
Tgt Ion:152 Resp: 195240

Ion Ratio Lower Upper

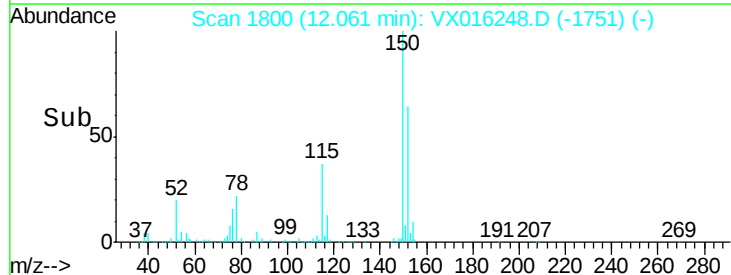
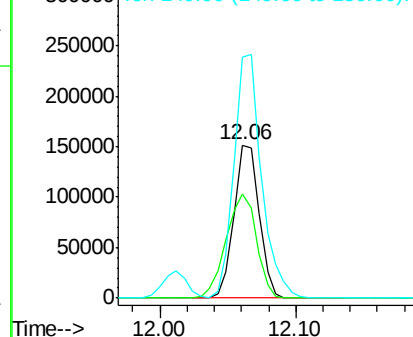
152 100

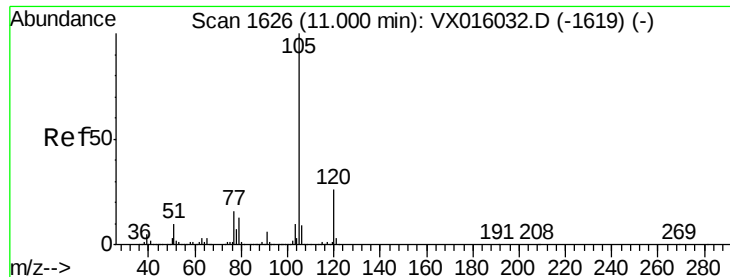
115 81.7 41.3 124.1

150 174.1 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: 48.95 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

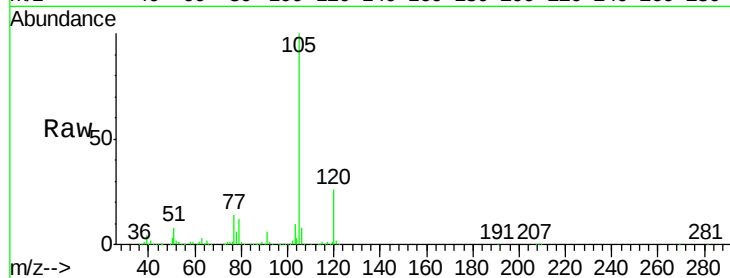
VSTDCCC050

Tgt Ion: 105 Resp: 695164

Ion Ratio Lower Upper

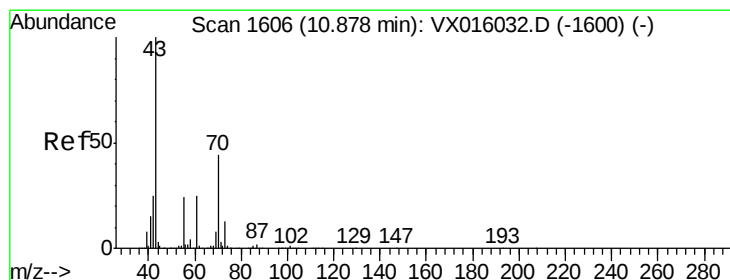
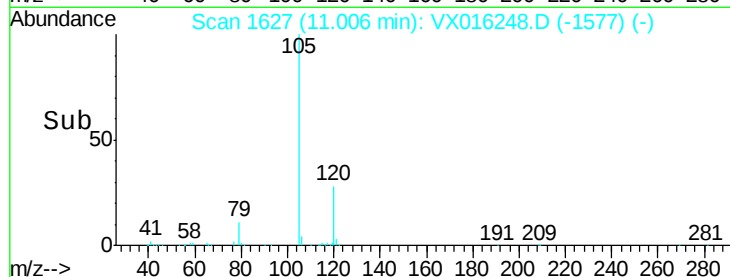
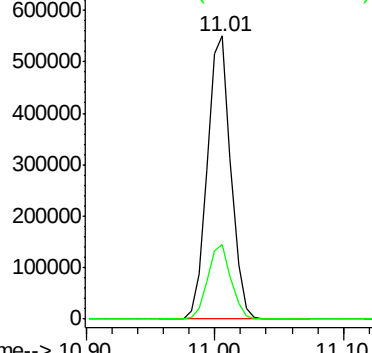
105 100

120 26.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.60 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Tgt Ion: 43 Resp: 315307

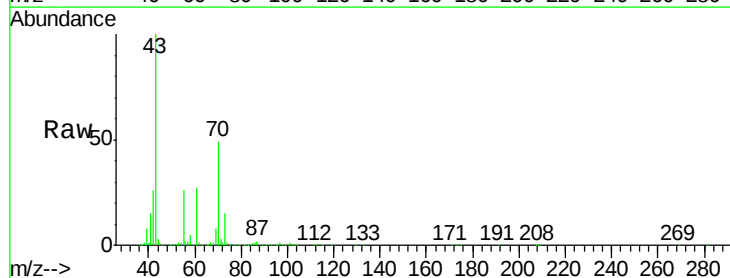
Ion Ratio Lower Upper

43 100

70 46.8 36.5 54.7

55 25.6 19.7 29.5

61 26.5 20.9 31.3

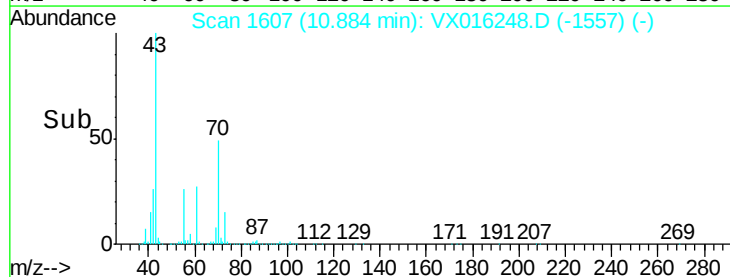
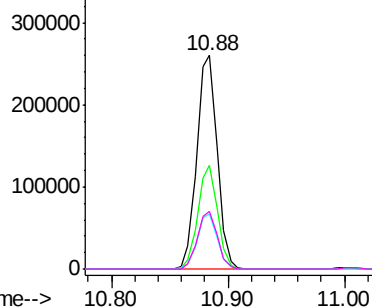


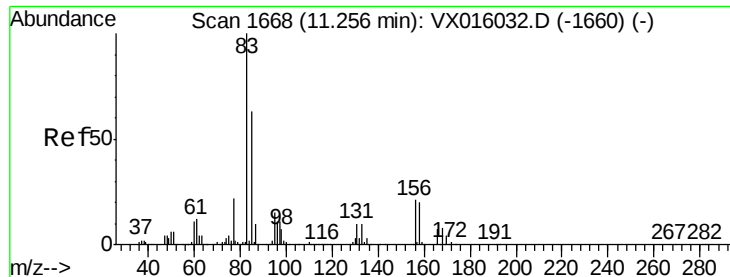
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 60.52 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

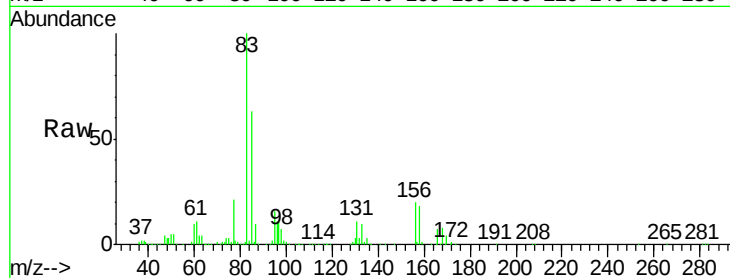
Tgt Ion: 83 Resp: 173325

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

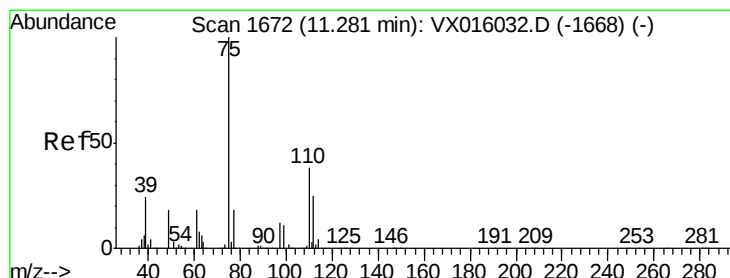
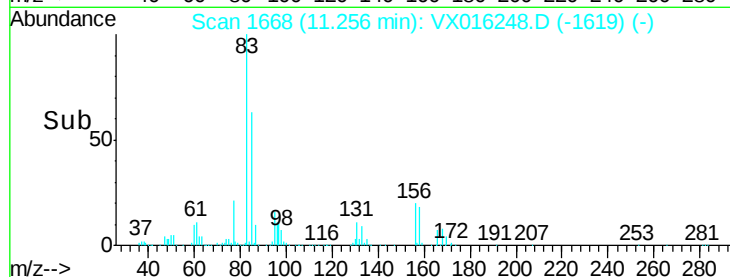
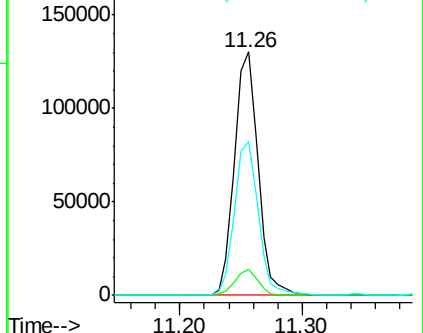
85 64.0 32.0 96.0



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: 67.19 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016248.D

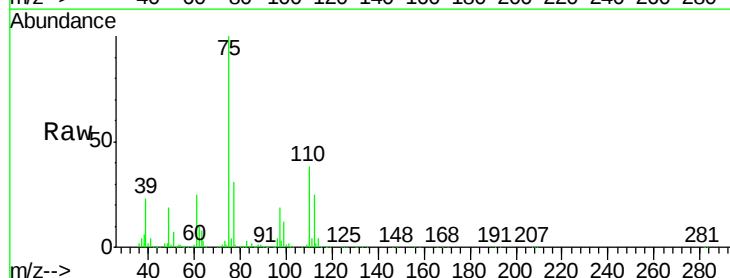
Acq: 14 May 2020 22:03

Tgt Ion: 75 Resp: 297667

Ion Ratio Lower Upper

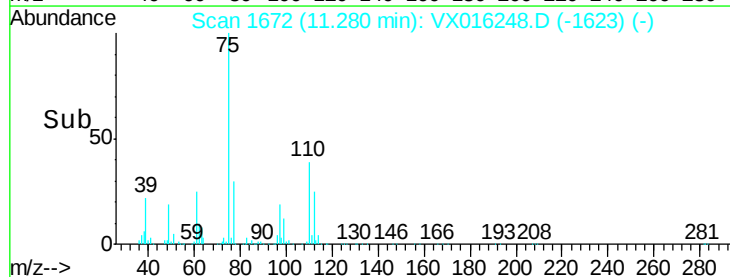
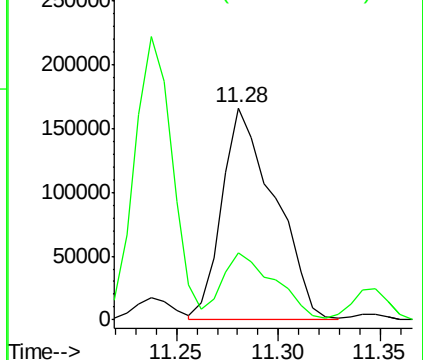
75 100

77 31.6 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: 48.61 ug/l

RT: 11.24 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

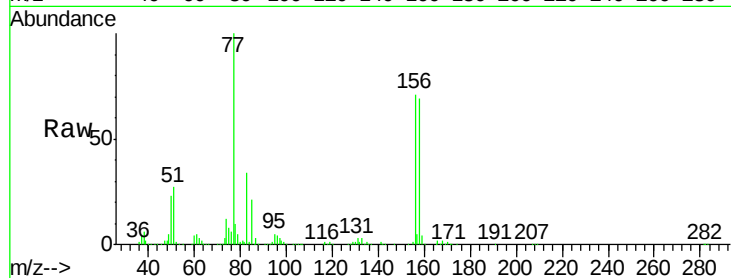
Tgt Ion: 156 Resp: 178188

Ion Ratio Lower Upper

156 100

77 160.5 80.1 240.3

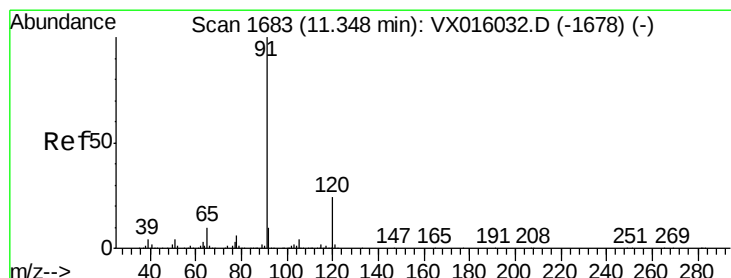
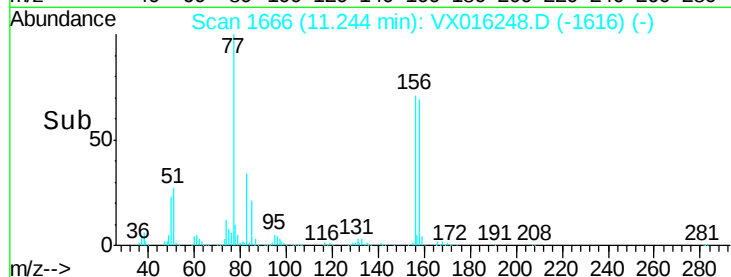
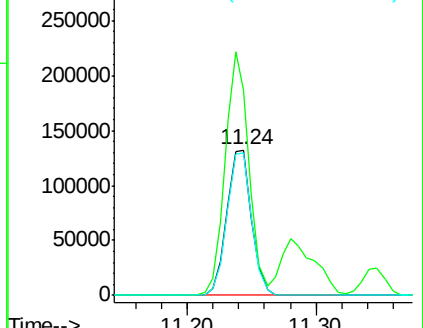
158 98.2 49.4 148.2



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: 48.01 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016248.D

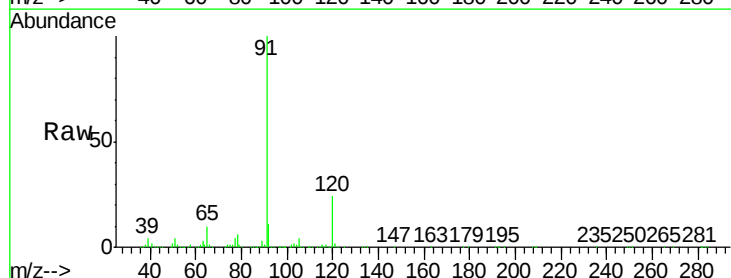
Acq: 14 May 2020 22:03

Tgt Ion: 91 Resp: 793087

Ion Ratio Lower Upper

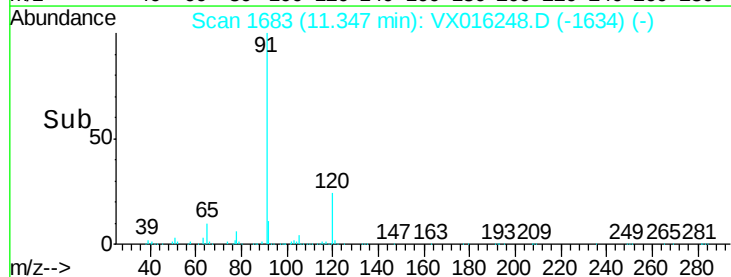
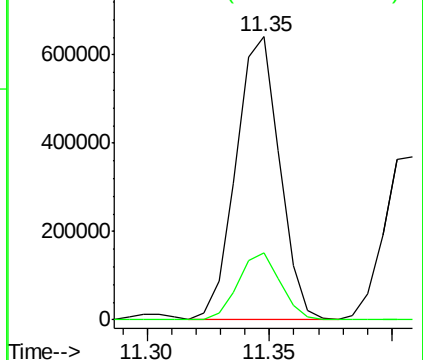
91 100

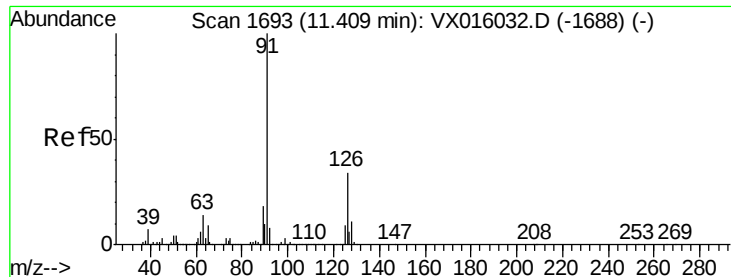
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.79 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

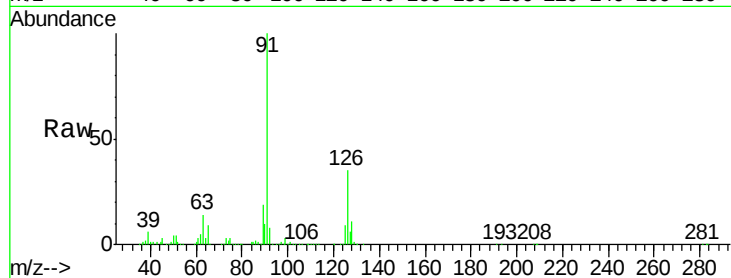
VSTDCCC050

Tgt Ion: 91 Resp: 475764

Ion Ratio Lower Upper

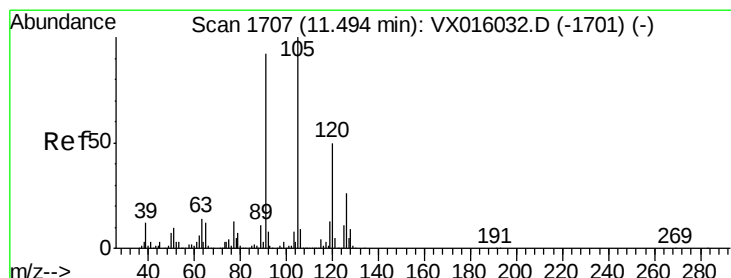
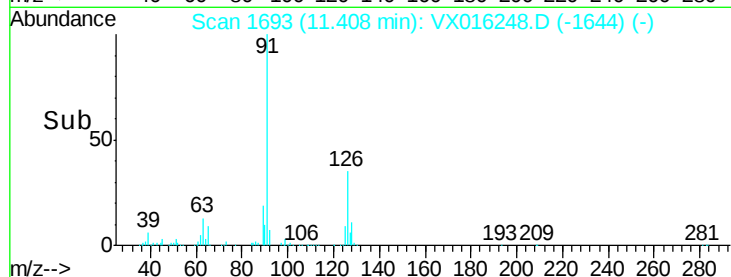
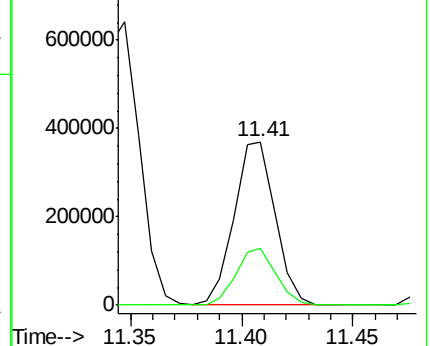
91 100

126 33.8 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.30 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016248.D

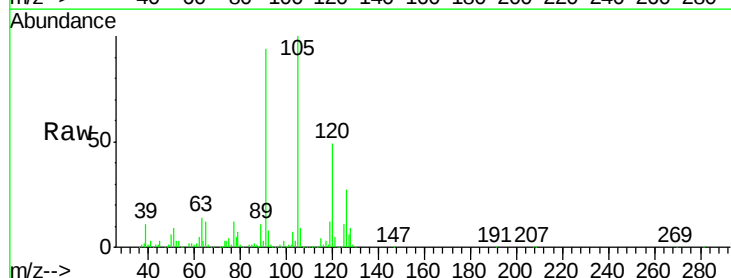
Acq: 14 May 2020 22:03

Tgt Ion: 105 Resp: 591148

Ion Ratio Lower Upper

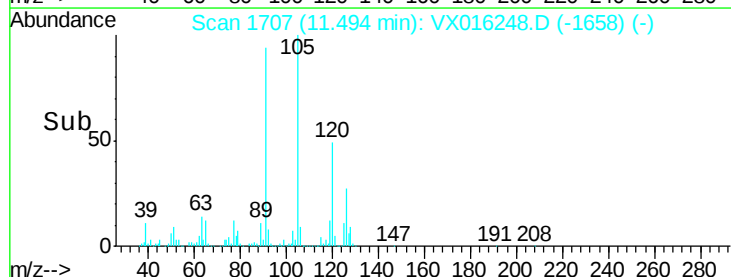
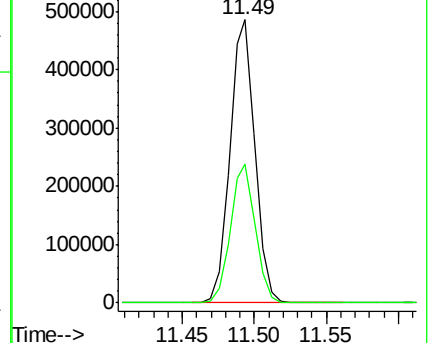
105 100

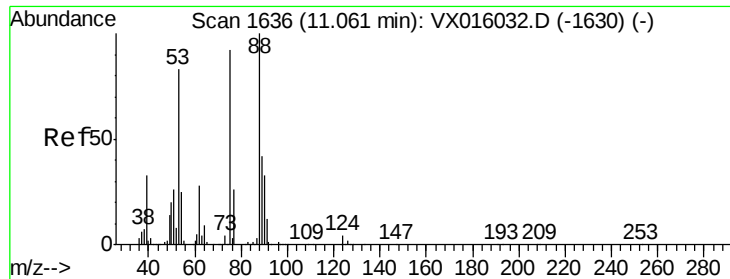
120 48.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.31 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

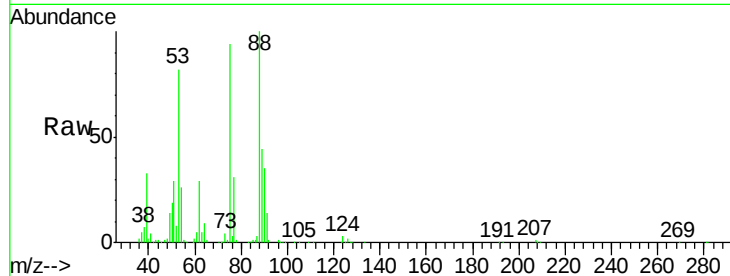
Tgt Ion: 75 Resp: 87952

Ion Ratio Lower Upper

75 100

53 87.7 73.1 109.7

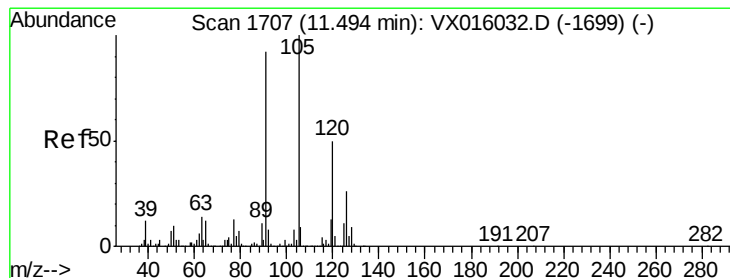
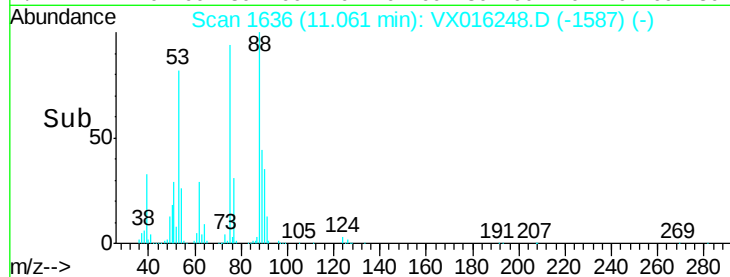
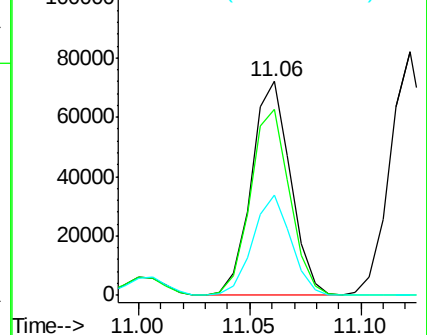
89 46.0 36.7 55.1



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: 49.09 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016248.D

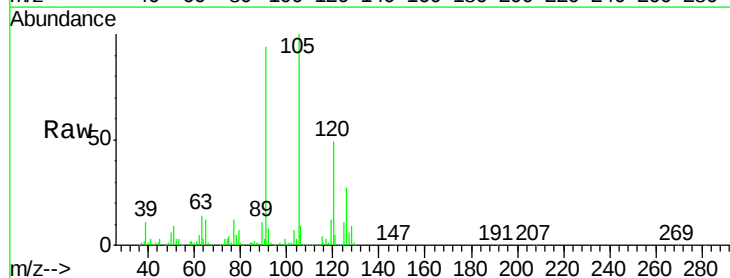
Acq: 14 May 2020 22:03

Tgt Ion: 91 Resp: 565301

Ion Ratio Lower Upper

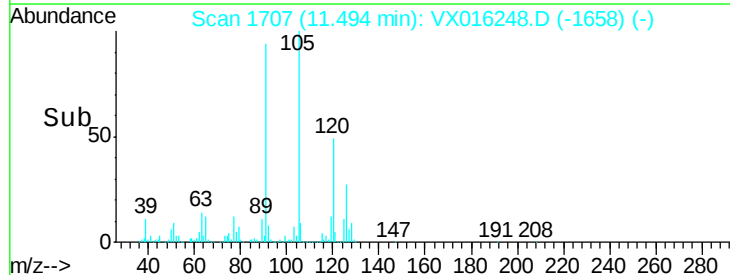
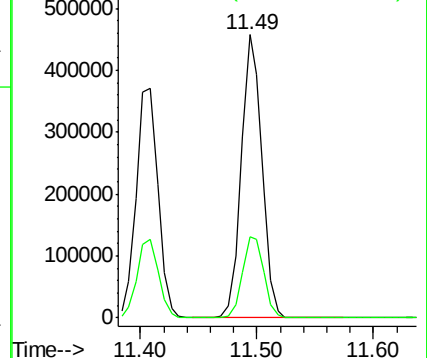
91 100

126 29.8 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

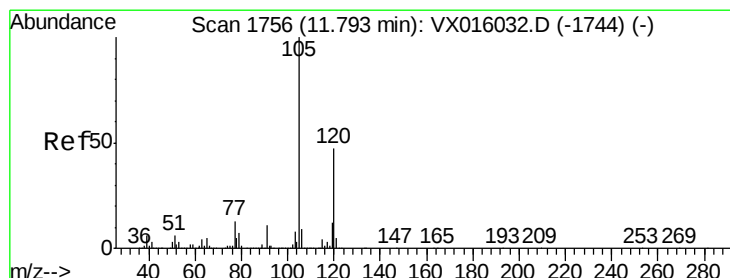
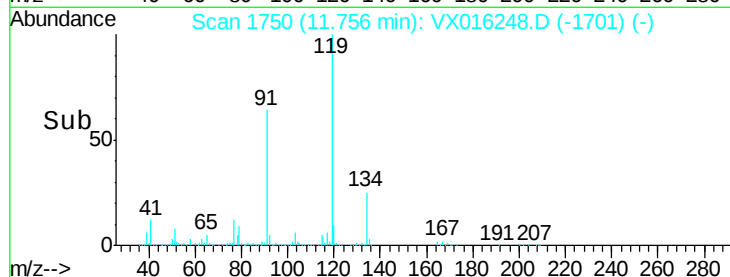
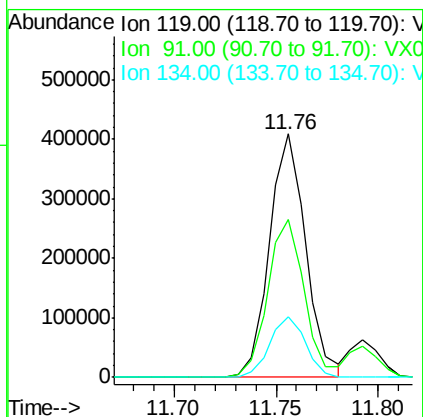
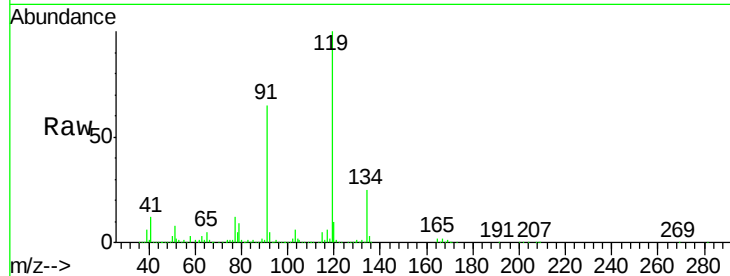




#83
 tert-Butylbenzene
 Concen: 49.03 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016248.D
 Acq: 14 May 2020 22:03

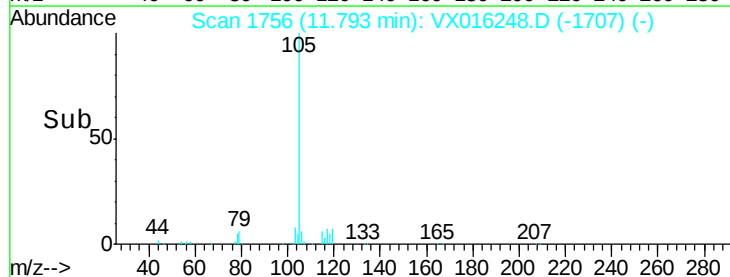
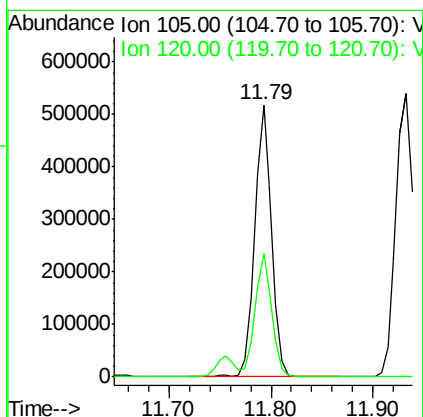
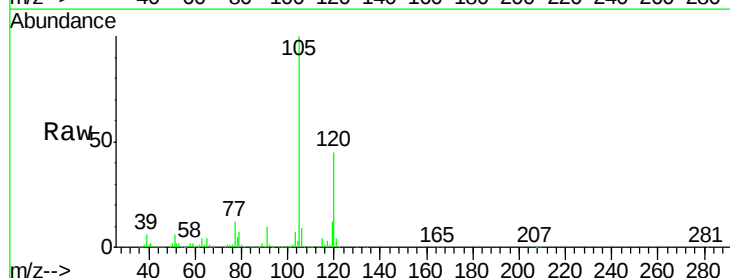
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

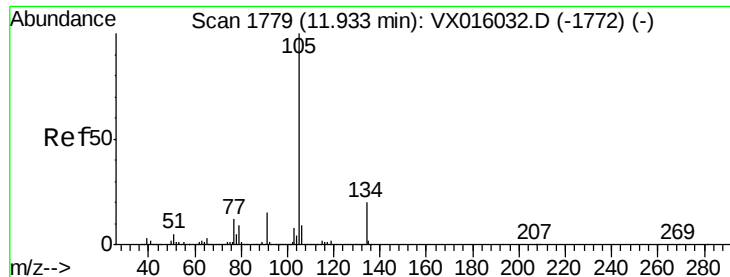
Tgt Ion:119 Resp: 506673
 Ion Ratio Lower Upper
 119 100
 91 65.4 32.8 98.4
 134 24.8 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 49.53 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016248.D
 Acq: 14 May 2020 22:03

Tgt Ion:105 Resp: 600418
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.0 69.0

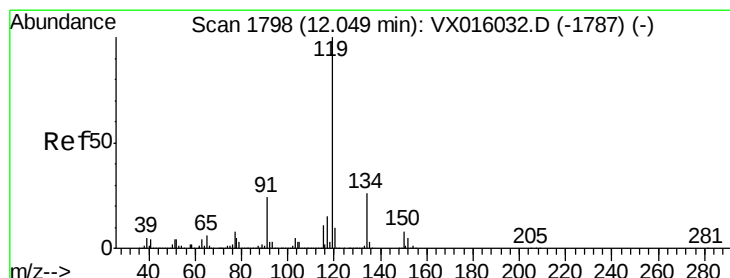
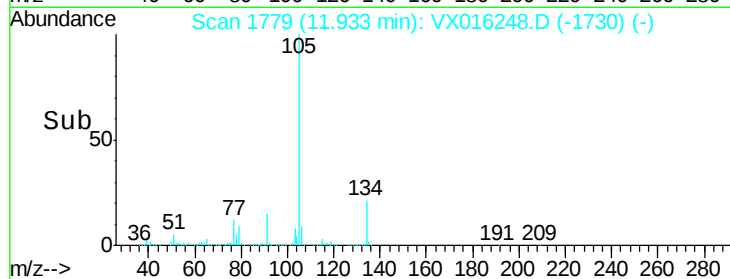
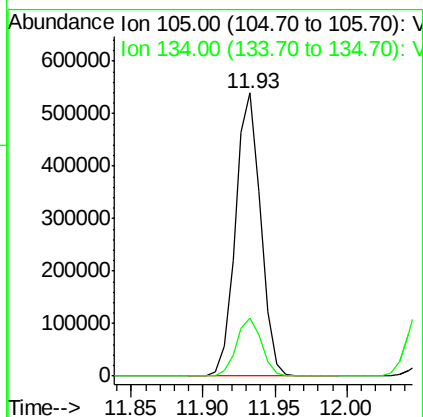
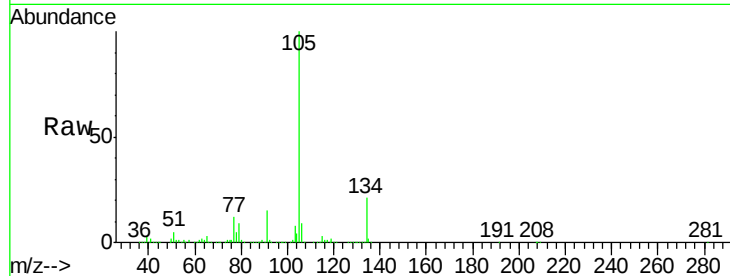




#85
 sec-Butylbenzene
 Concen: 46.91 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016248.D
 Acq: 14 May 2020 22:03

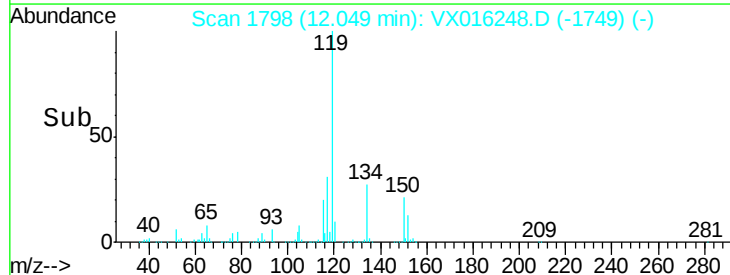
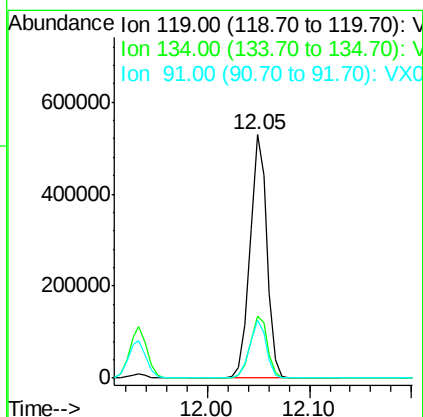
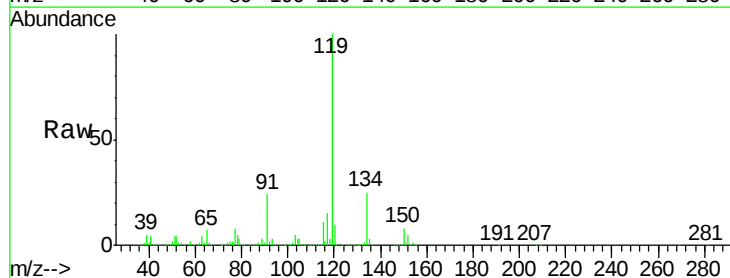
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

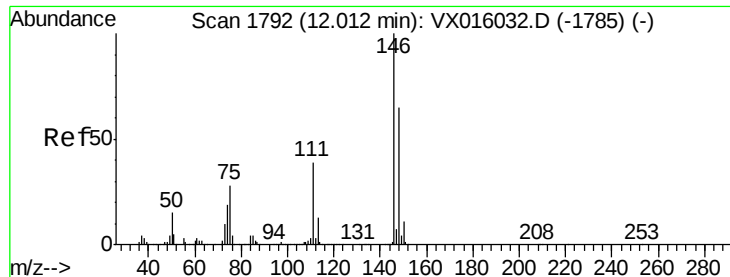
Tgt Ion:105 Resp: 654514
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 47.18 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016248.D
 Acq: 14 May 2020 22:03

Tgt Ion:119 Resp: 611130
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 23.4 11.8 35.4

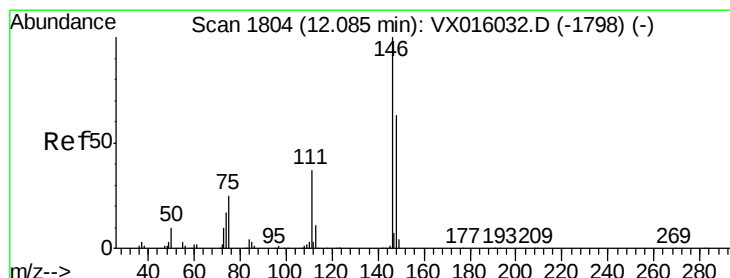
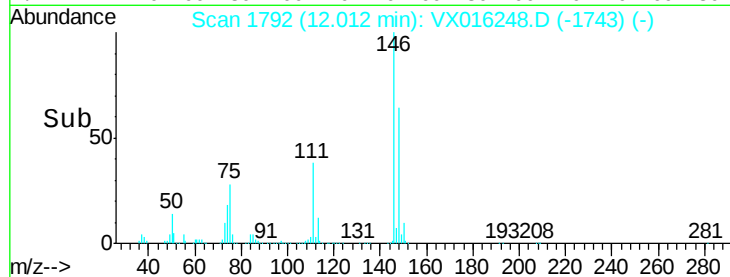
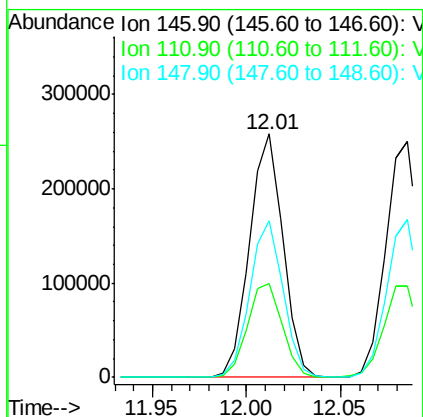
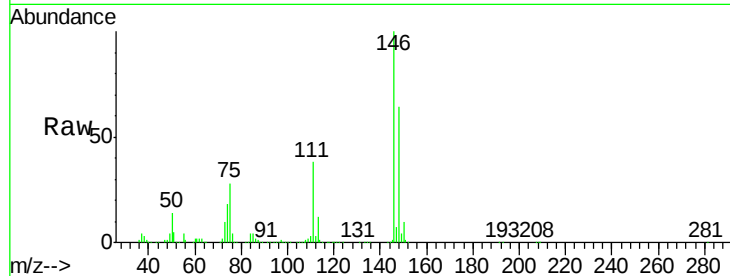




#87
 1,3-Dichlorobenzene
 Concen: 48.39 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016248.D
 Acq: 14 May 2020 22:03

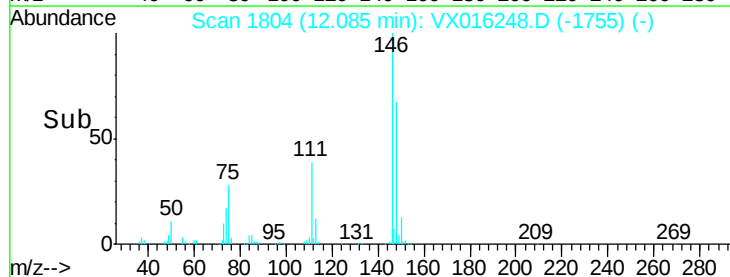
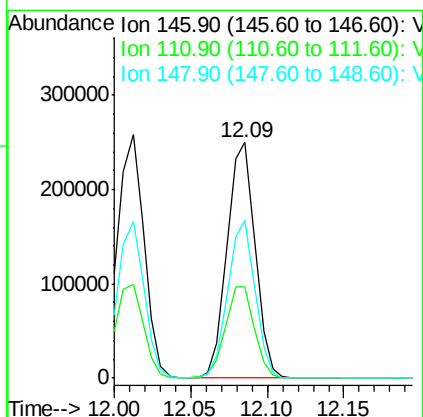
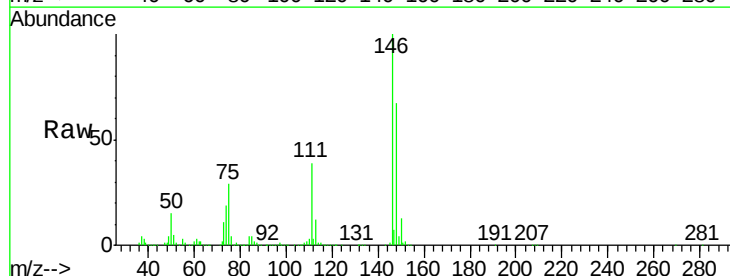
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

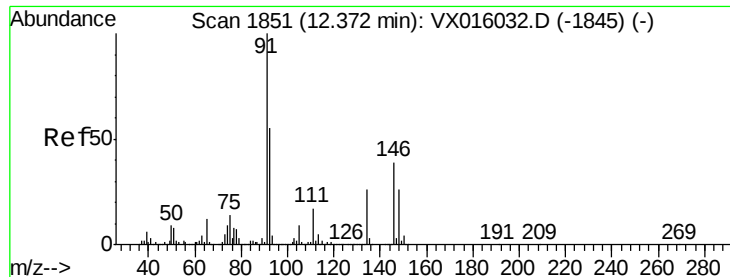
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.2	60.6
148	63.5	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.57 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016248.D
 Acq: 14 May 2020 22:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.6	58.7
148	65.4	31.8	95.3





#89

n-Butylbenzene

Concen: 43.82 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

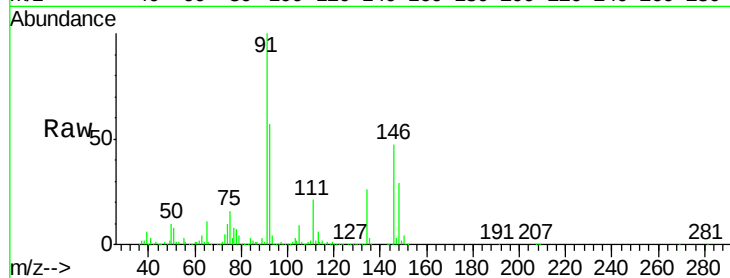
Tgt Ion: 91 Resp: 518494

Ion Ratio Lower Upper

91 100

92 55.6 27.6 82.7

134 27.1 13.4 40.1

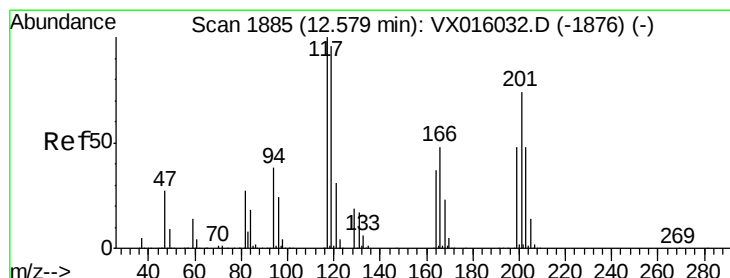
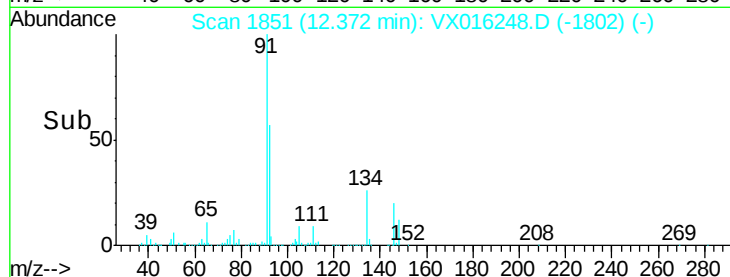
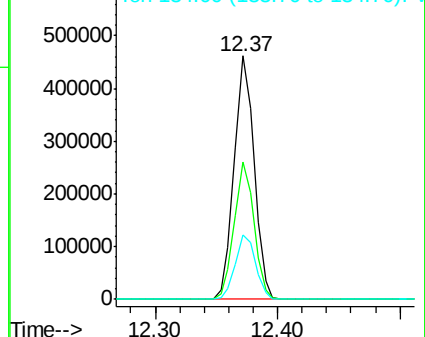


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 49.51 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016248.D

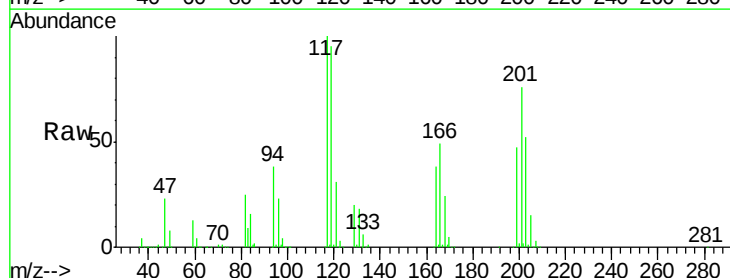
Acq: 14 May 2020 22:03

Tgt Ion: 117 Resp: 110131

Ion Ratio Lower Upper

117 100

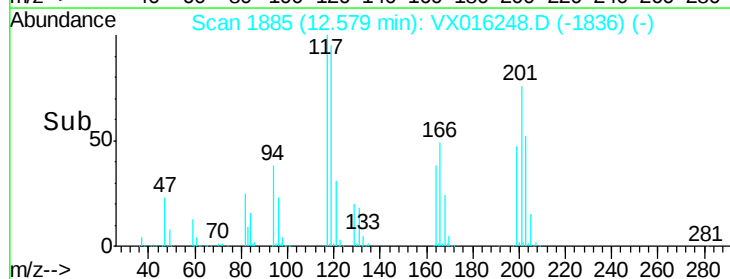
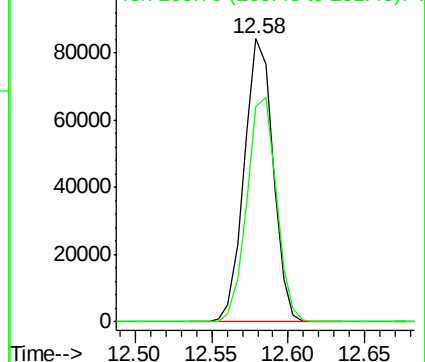
201 81.2 39.8 119.3



Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 48.29 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

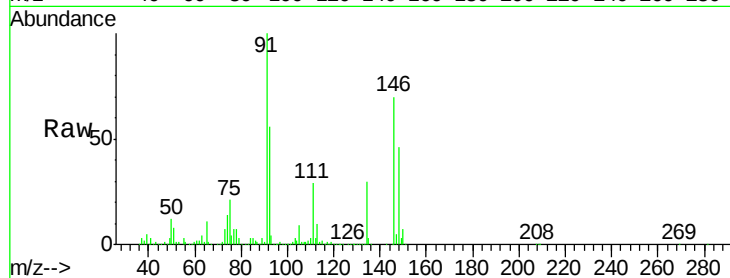
Tgt Ion:146 Resp: 306016

Ion Ratio Lower Upper

146 100

111 42.5 21.1 63.1

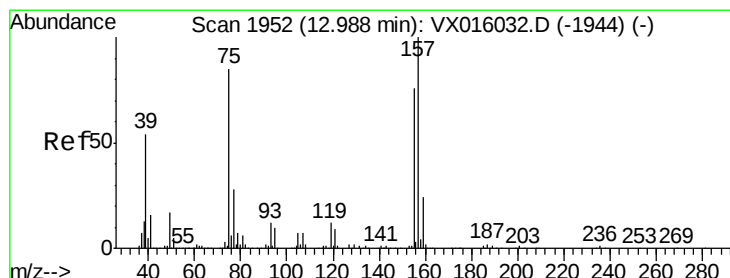
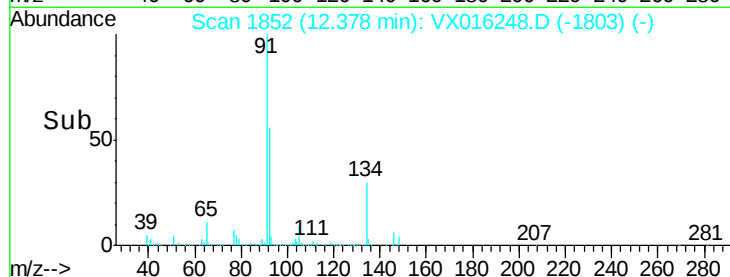
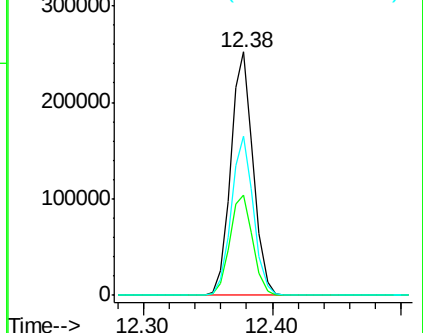
148 64.9 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.52 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

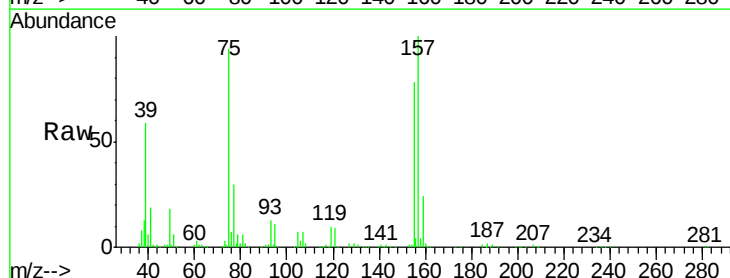
Tgt Ion: 75 Resp: 56660

Ion Ratio Lower Upper

75 100

155 88.6 42.5 127.5

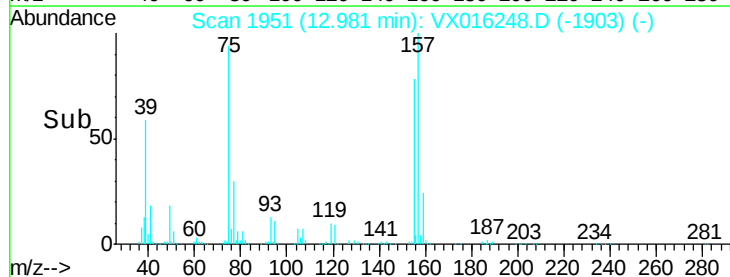
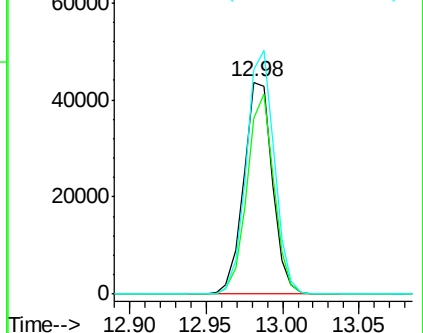
157 111.8 55.3 165.8

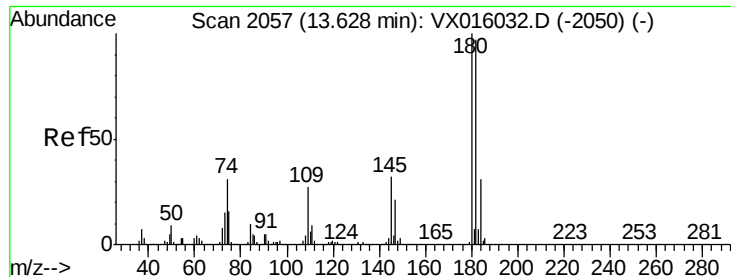


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

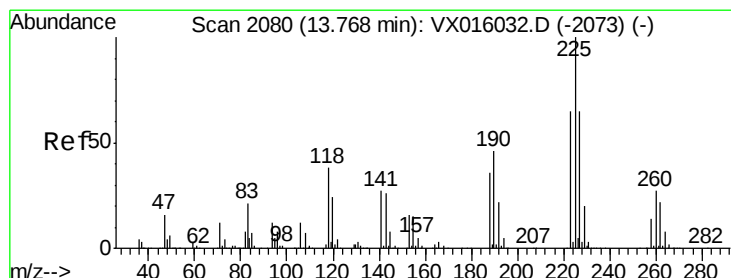
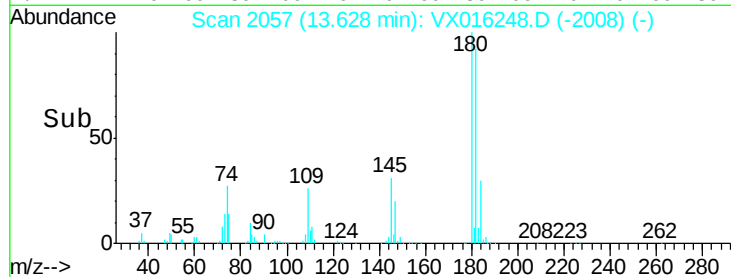
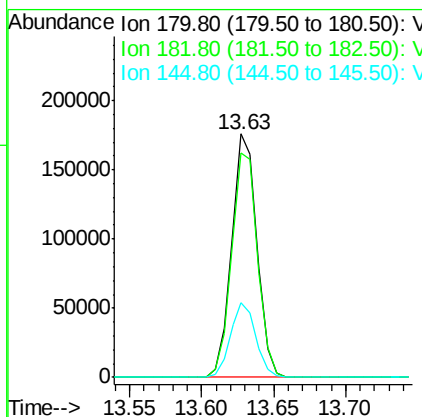
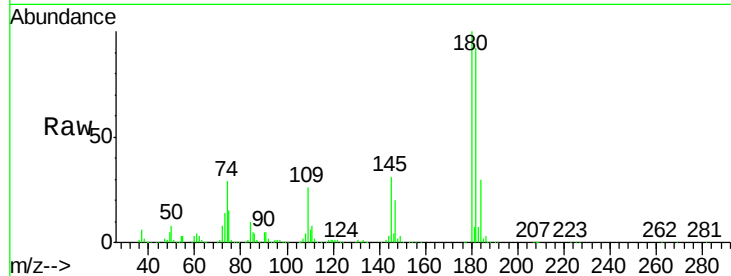




#93
 1,2,4-Trichlorobenzene
 Concen: 46.24 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016248.D
 Acq: 14 May 2020 22:03

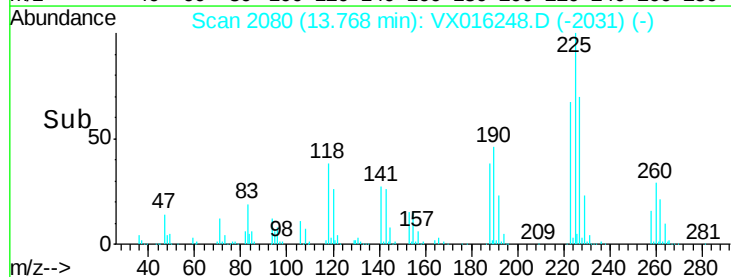
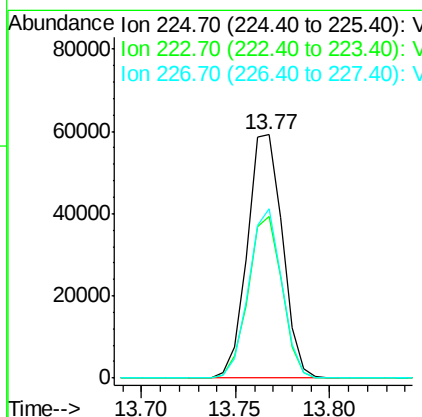
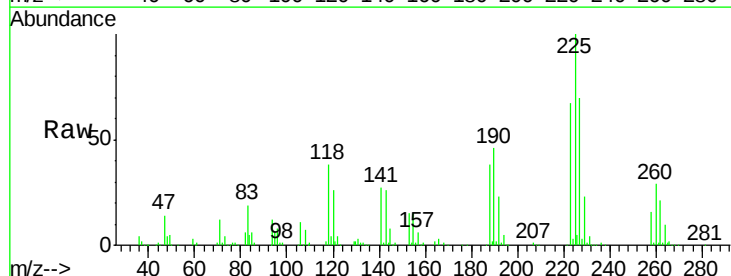
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

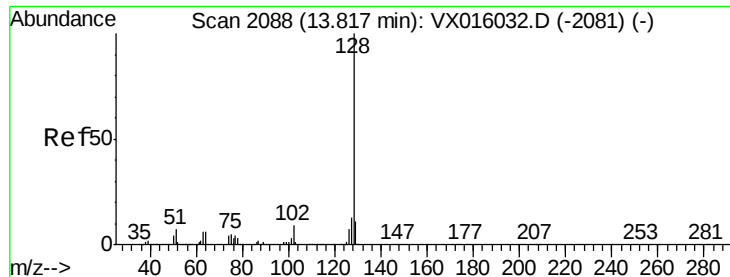
Tgt Ion:180 Resp: 216962
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.7 146.1
 145 30.8 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 38.04 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016248.D
 Acq: 14 May 2020 22:03

Tgt Ion:225 Resp: 76602
 Ion Ratio Lower Upper
 225 100
 223 64.0 32.3 96.9
 227 65.6 31.8 95.4





#95

Naphthalene

Concen: 49.50 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

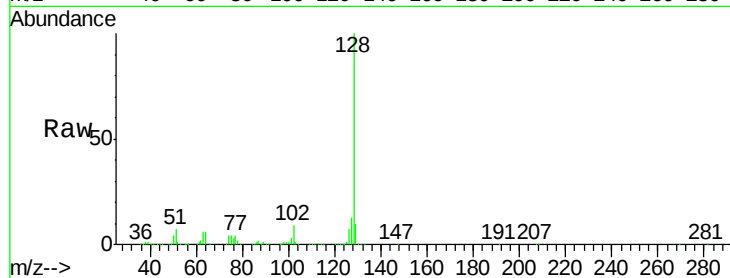
Tgt Ion:128 Resp: 751967

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

800000

600000

400000

200000

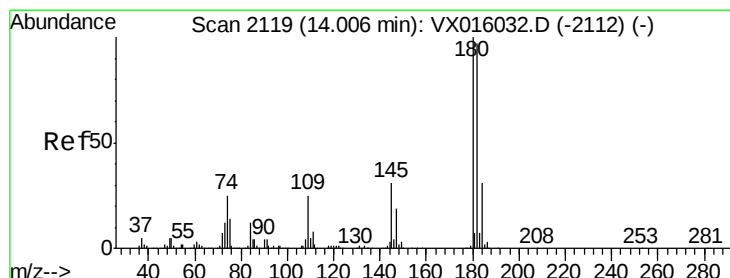
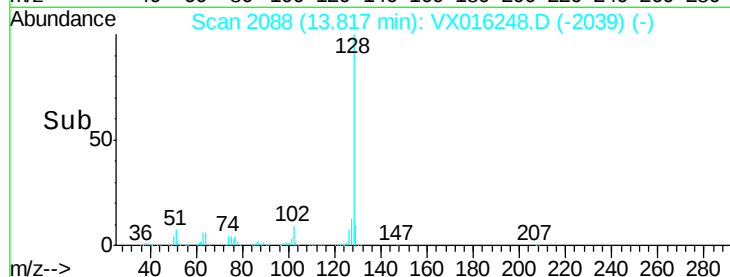
0

13.82

13.80

13.90

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 46.32 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016248.D

Acq: 14 May 2020 22:03

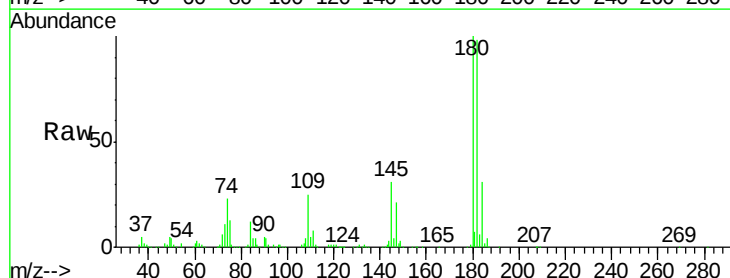
Tgt Ion:180 Resp: 212396

Ion Ratio Lower Upper

180 100

182 96.0 48.4 145.0

145 32.7 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

200000

150000

100000

50000

0

14.01

14.00

14.10

Time-->

