

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060520\
 Data File : VX016625.D
 Acq On : 05 Jun 2020 20:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 06 06:04:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	221813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	341886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	324998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174055	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	133749	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
35) Dibromofluoromethane	5.46	113	107020	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	8.70	98	409665	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.12	95	160342	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.18	85	100743	46.15	ug/l	98
3) Chloromethane	1.31	50	109855	41.64	ug/l	100
4) Vinyl Chloride	1.39	62	125093	44.84	ug/l	100
5) Bromomethane	1.62	94	63537	46.84	ug/l	98
6) Chloroethane	1.70	64	77038	47.34	ug/l	97
7) Trichlorofluoromethane	1.91	101	189970	51.85	ug/l	100
8) Diethyl Ether	2.17	74	72705	47.59	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.36	101	99712	49.45	ug/l	97
10) Methyl Iodide	2.49	142	95383	40.23	ug/l	99
11) Tert butyl alcohol	3.02	59	157025	222.30	ug/l	100
12) 1,1-Dichloroethene	2.36	96	102562	48.05	ug/l	96
13) Acrolein	2.27	56	86495	287.85	ug/l	96
14) Allyl chloride	2.70	41	170771	43.51	ug/l	97
15) Acrylonitrile	3.12	53	335251	231.69	ug/l	99
16) Acetone	2.42	43	277068	229.58	ug/l	99
17) Carbon Disulfide	2.55	76	272719	43.03	ug/l	100
18) Methyl Acetate	2.75	43	146218	47.24	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	375703	49.02	ug/l	99
20) Methylene Chloride	2.83	84	119299	47.78	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	113775	48.19	ug/l	92
22) Diisopropyl ether	3.82	45	339021	44.96	ug/l	98
23) Vinyl Acetate	3.78	43	1501344	227.47	ug/l	97
24) 1,1-Dichloroethane	3.67	63	204963	48.16	ug/l	99
25) 2-Butanone	4.64	43	454009	222.01	ug/l	94
26) 2,2-Dichloropropane	4.55	77	164672	47.29	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	129703	47.49	ug/l	98
28) Bromochloromethane	4.98	49	87744	44.37	ug/l	88
29) Tetrahydrofuran	5.09	42	292352	221.28	ug/l	94
30) Chloroform	5.18	83	211212	49.25	ug/l	99
31) Cyclohexane	5.55	56	160560	41.94	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	197034	50.75	ug/l	99
36) 1,1-Dichloropropene	5.77	75	152609	47.14	ug/l	97
37) Ethyl Acetate	4.79	43	168784	43.43	ug/l	97
38) Carbon Tetrachloride	5.76	117	178066	52.35	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	163340	46.46	ug/l	97
40) Benzene	6.11	78	465207	48.26	ug/l	98
41) Methacrylonitrile	5.01	41	94095	44.08	ug/l	97
42) 1,2-Dichloroethane	6.16	62	169567	49.46	ug/l	100
43) Isopropyl Acetate	6.42	43	270612	44.64	ug/l	98
44) Trichloroethene	7.19	130	146274	47.83	ug/l	97
45) 1,2-Dichloropropane	7.49	63	115952	47.25	ug/l	98
46) Dibromomethane	7.64	93	82655	50.15	ug/l	97
47) Bromodichloromethane	7.88	83	173344	50.79	ug/l	98
48) Methyl methacrylate	7.74	41	131271	45.23	ug/l	96
49) 1,4-Dioxane	7.71	88	61213	901.19	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	871679	230.94	ug/l	98
52) Toluene	8.77	92	301336	49.57	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	191445	49.33	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	202501	49.30	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	122199	50.56	ug/l	98
56) Ethyl methacrylate	9.16	69	192312	48.86	ug/l	96
57) 1,3-Dichloropropane	9.35	76	205164	49.46	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	497651	242.22	ug/l	95
59) 2-Hexanone	9.48	43	680878	231.96	ug/l	98
60) Dibromochloromethane	9.57	129	145592	53.53	ug/l	100
61) 1,2-Dibromoethane	9.65	107	132532	51.21	ug/l	100
64) Tetrachloroethene	9.32	164	166806	45.88	ug/l	93
65) Chlorobenzene	10.12	112	328940	49.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	130746	51.69	ug/l	97
67) Ethyl Benzene	10.24	91	571681	48.46	ug/l	98
68) m/p-Xylenes	10.34	106	437471	100.02	ug/l	100
69) o-Xylene	10.68	106	209078	49.36	ug/l	98
70) Styrene	10.70	104	374097	51.38	ug/l	99
71) Bromoform	10.84	173	114986	53.79	ug/l #	98
73) Isopropylbenzene	11.01	105	557621	46.24	ug/l	100
74) N-amyl acetate	10.88	43	229887	41.44	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	154237	51.03	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	231175	60.42	ug/l	83
77) Bromobenzene	11.24	156	151017	47.74	ug/l	96
78) n-propylbenzene	11.34	91	625036	46.39	ug/l	99
79) 2-Chlorotoluene	11.40	91	382730	46.54	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	481405	47.81	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	66853	42.98	ug/l	99
82) 4-Chlorotoluene	11.49	91	457482	47.11	ug/l	100
83) tert-Butylbenzene	11.76	119	423326	49.20	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	491376	48.25	ug/l	100
85) sec-Butylbenzene	11.93	105	516680	47.87	ug/l	100
86) p-Isopropyltoluene	12.05	119	494624	48.92	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	262947	47.98	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	264494	47.19	ug/l	99
89) n-Butylbenzene	12.37	91	405936	48.20	ug/l	99
90) Hexachloroethane	12.58	117	86683	49.63	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	257190	48.44	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45038	46.00	ug/l	97

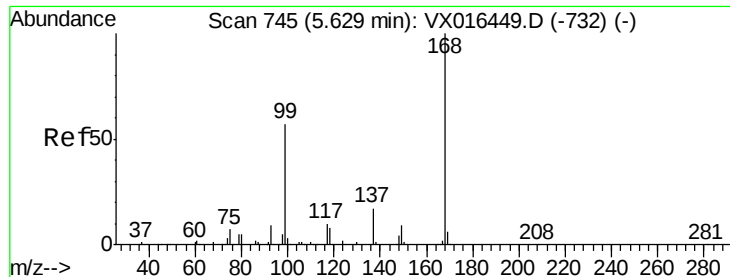
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060520\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	172508	48.92	ug/l	99
94) Hexachlorobutadiene	13.77	225	73510	53.10	ug/l	97
95) Naphthalene	13.82	128	579129	47.91	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	174620	50.55	ug/l	97

(#) = 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. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

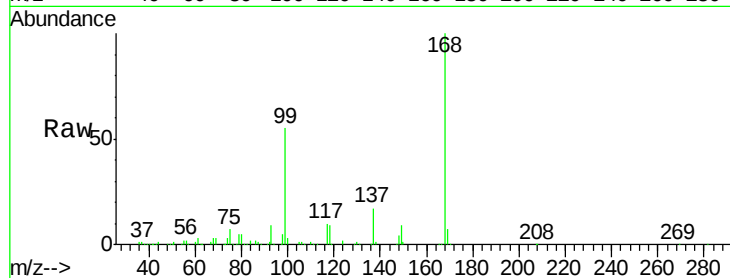
VSTDCCC050EC

Tgt Ion:168 Resp: 221813

Ion Ratio Lower Upper

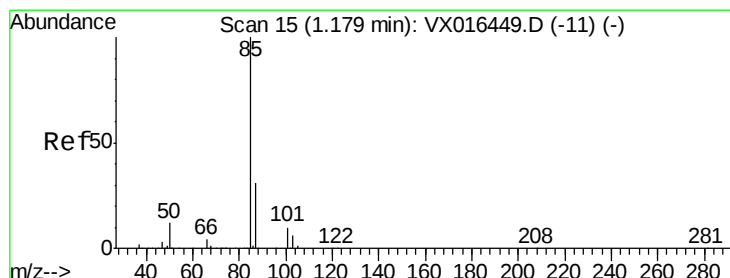
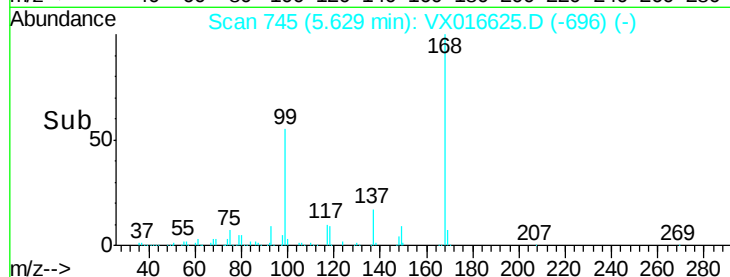
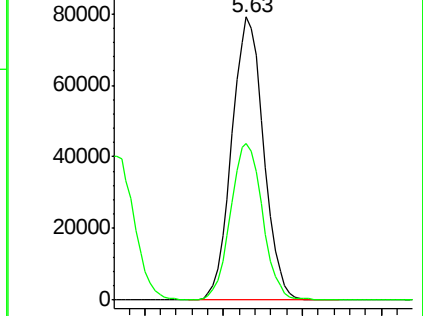
168 100

99 55.3 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.15 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016625.D

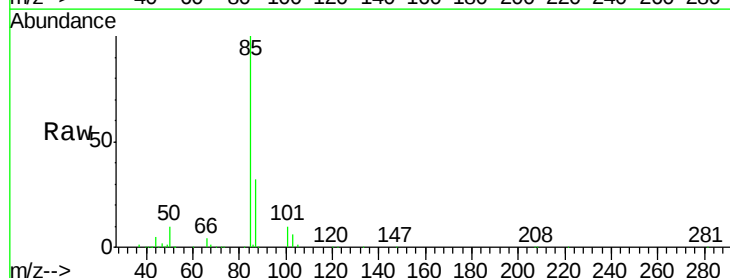
Acq: 05 Jun 2020 20:27

Tgt Ion: 85 Resp: 100743

Ion Ratio Lower Upper

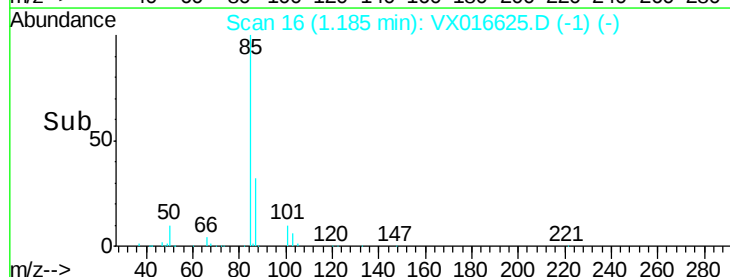
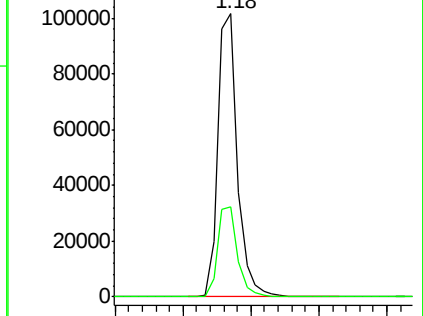
85 100

87 32.0 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 41.64 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

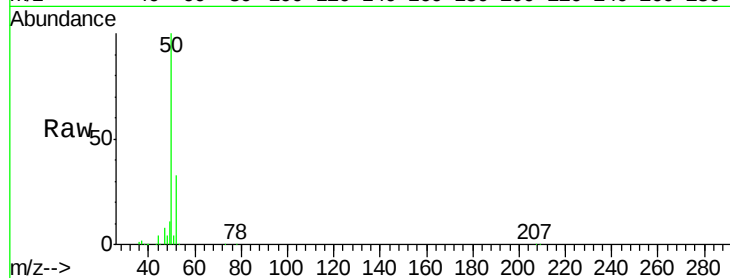
VSTDCCC050EC

Tgt Ion: 50 Resp: 109855

Ion Ratio Lower Upper

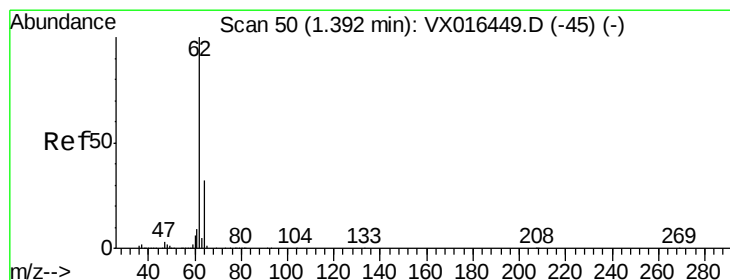
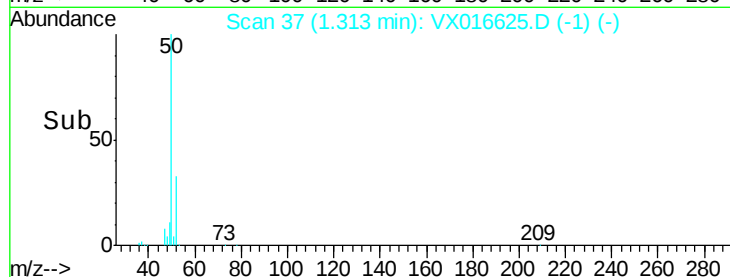
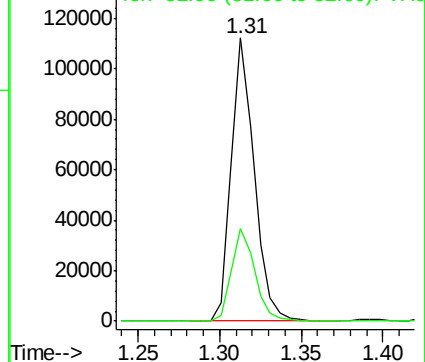
50 100

52 32.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.84 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016625.D

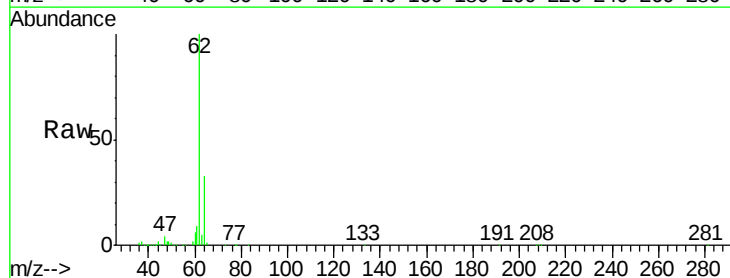
Acq: 05 Jun 2020 20:27

Tgt Ion: 62 Resp: 125093

Ion Ratio Lower Upper

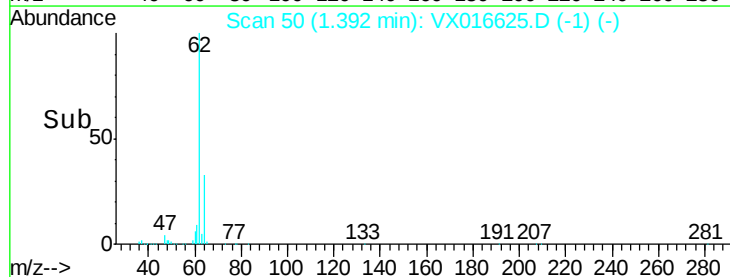
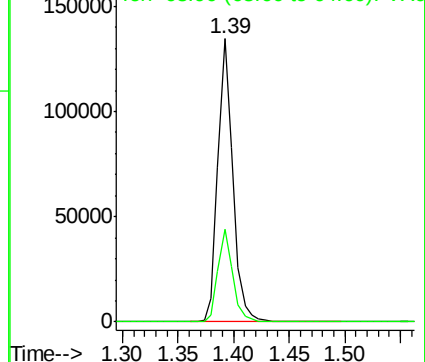
62 100

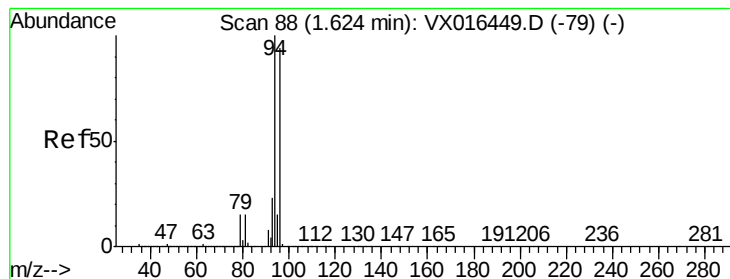
64 32.6 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.84 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

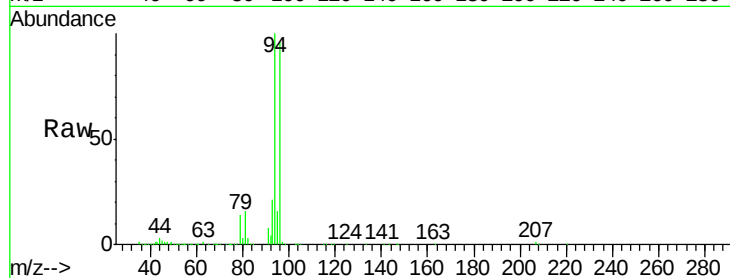
VSTDCCC050EC

Tgt Ion: 94 Resp: 63537

Ion Ratio Lower Upper

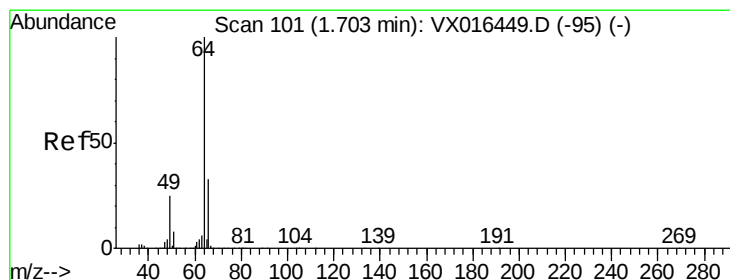
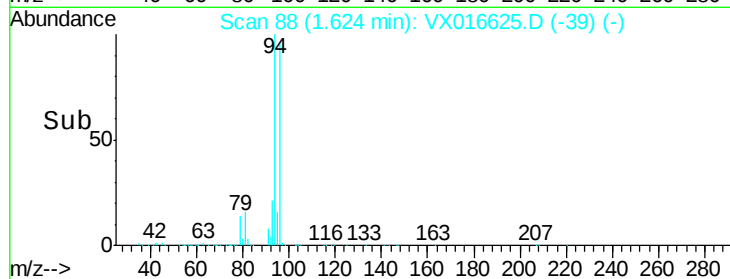
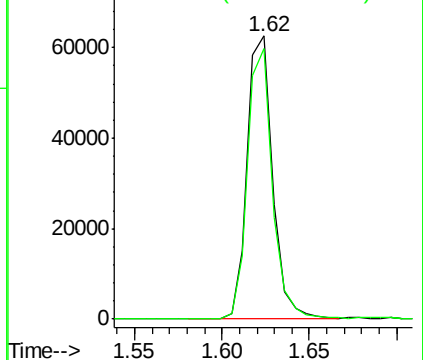
94 100

96 95.4 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.34 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016625.D

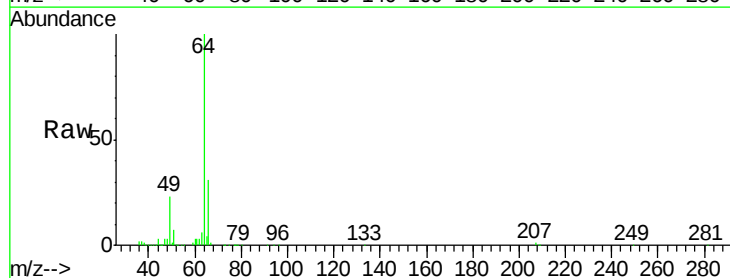
Acq: 05 Jun 2020 20:27

Tgt Ion: 64 Resp: 77038

Ion Ratio Lower Upper

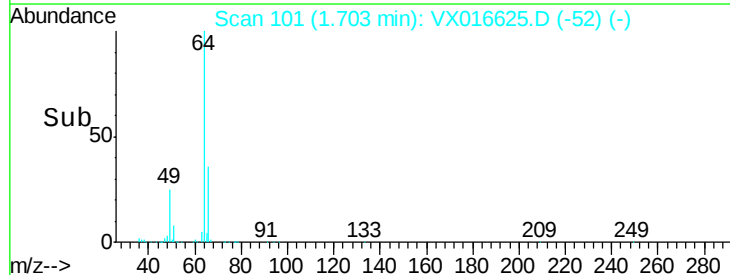
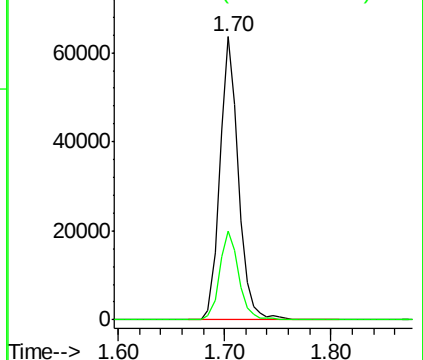
64 100

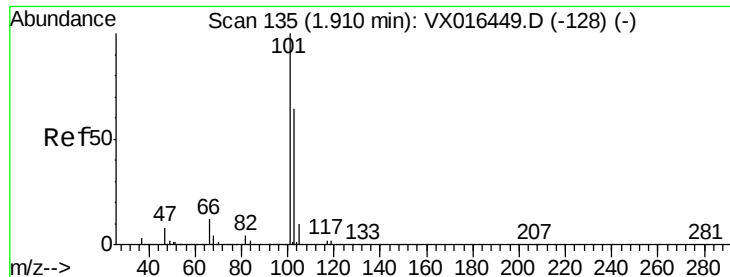
66 31.4 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



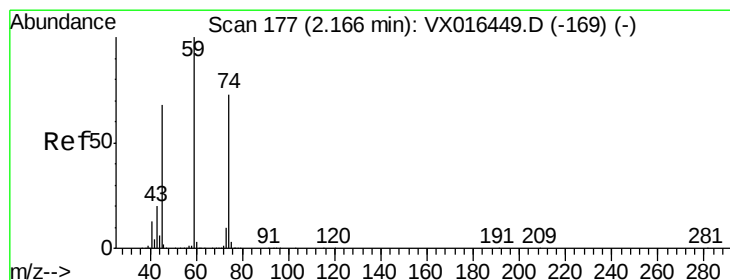
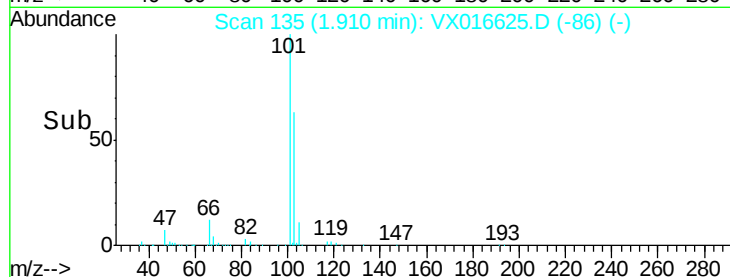
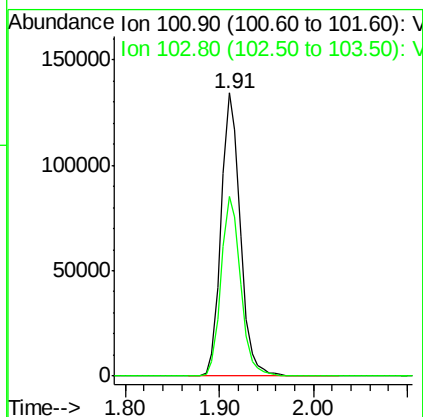
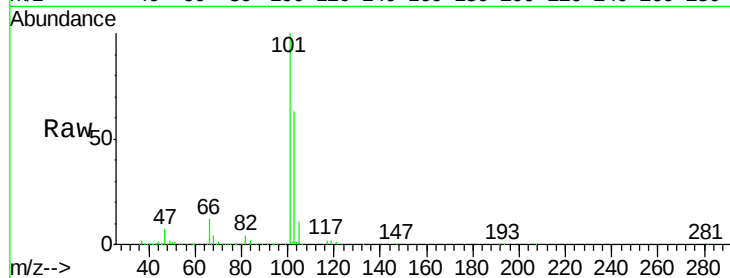


#7

Trichlorofluoromethane
Concen: 51.85 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_X
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VSTDCCC050EC

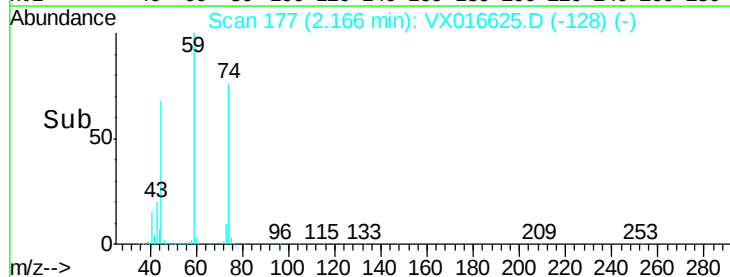
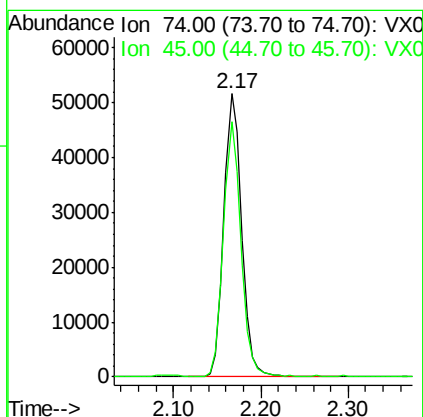
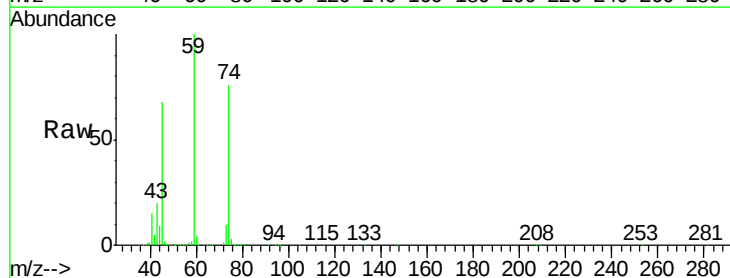
Tgt Ion:101 Resp: 189970
Ion Ratio Lower Upper
101 100
103 63.3 50.9 76.3



#8

Diethyl Ether
Concen: 47.59 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion: 74 Resp: 72705
Ion Ratio Lower Upper
74 100
45 87.6 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.45 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

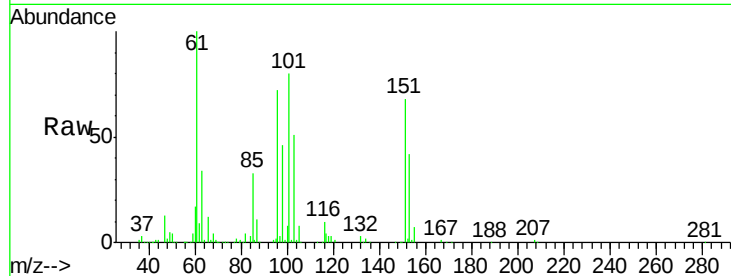
Tgt Ion:101 Resp: 99712

Ion Ratio Lower Upper

101 100

85 41.9 34.4 51.6

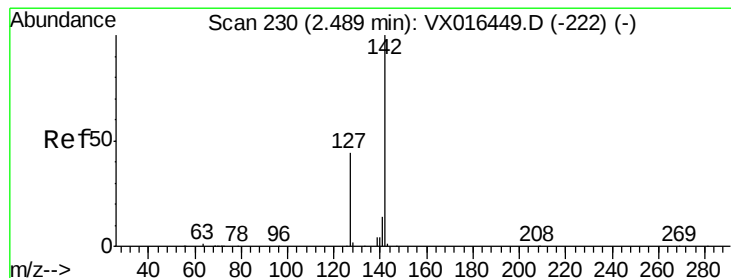
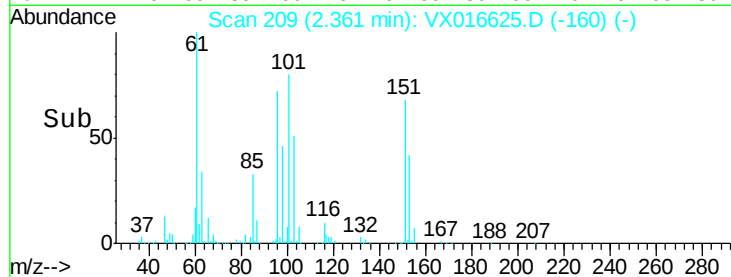
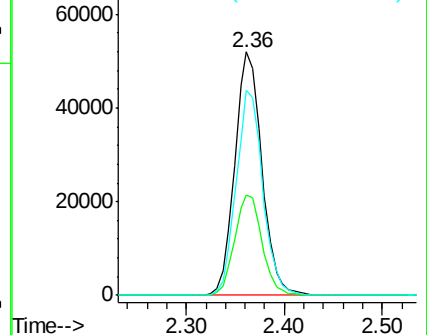
151 83.1 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.23 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

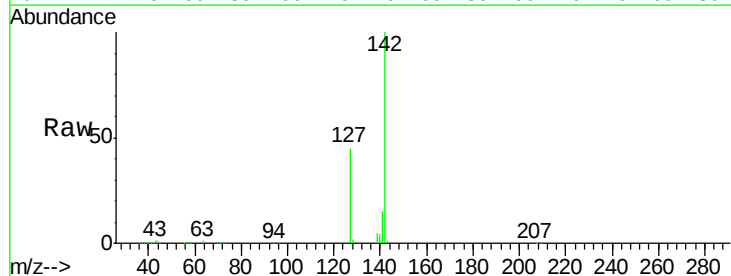
Tgt Ion:142 Resp: 95383

Ion Ratio Lower Upper

142 100

127 44.4 35.3 52.9

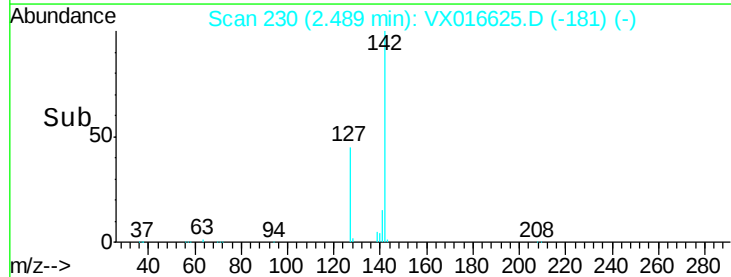
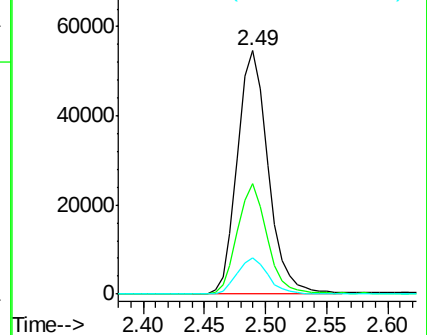
141 14.9 11.4 17.2

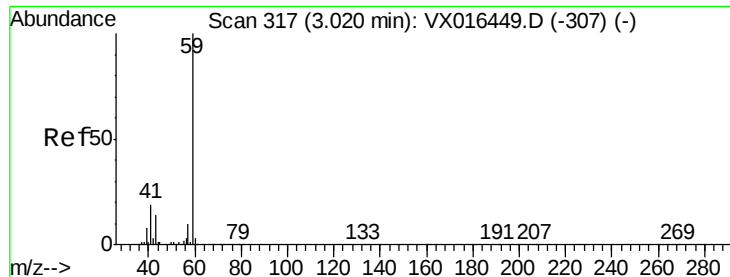


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



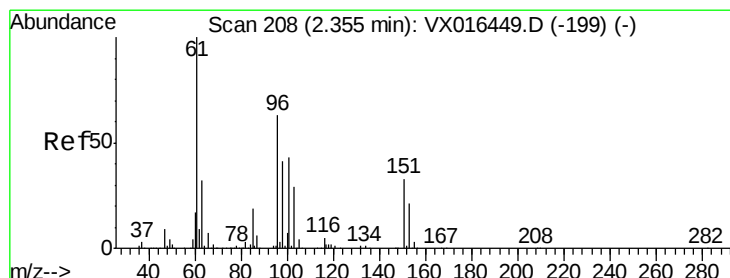
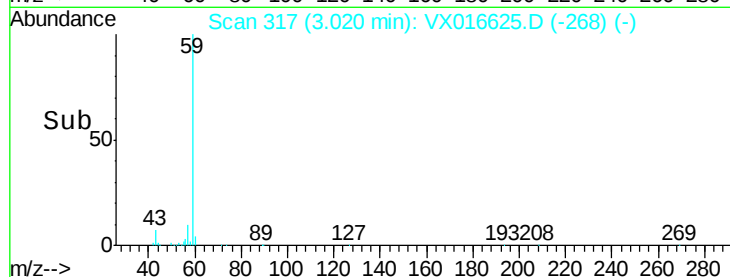
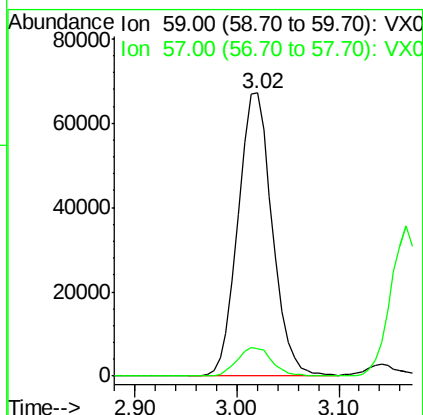
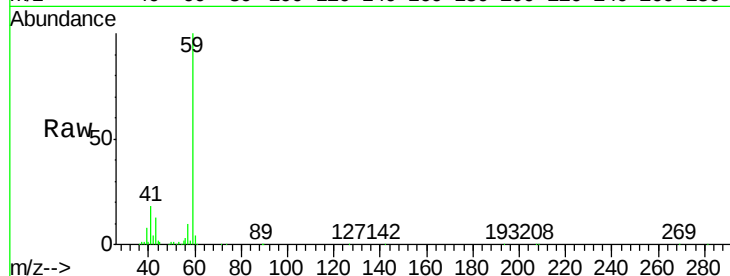


#11

Tert butyl alcohol
Concen: 222.30 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

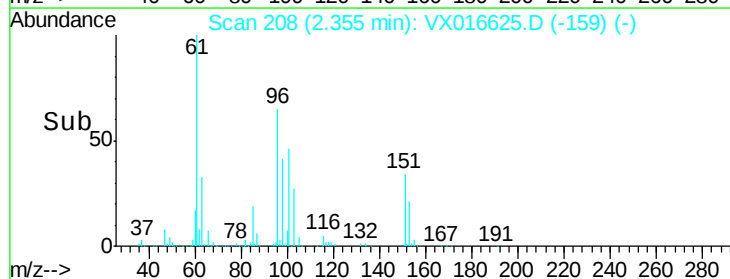
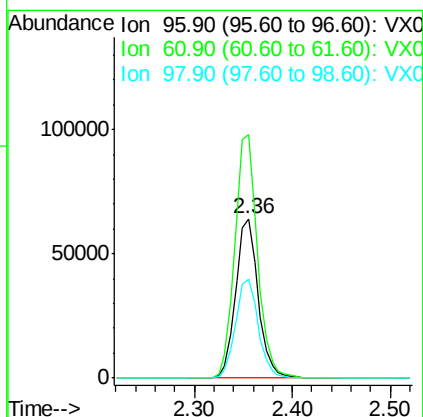
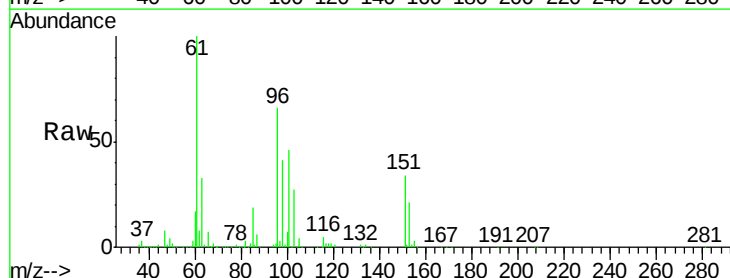
Tgt Ion: 59 Resp: 157025
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

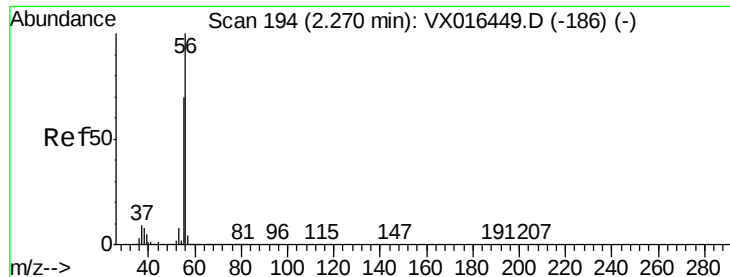


#12

1,1-Dichloroethene
Concen: 48.05 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion: 96 Resp: 102562
Ion Ratio Lower Upper
96 100
61 152.4 126.6 189.8
98 62.1 51.3 76.9





#13

Acrolein

Concen: 287.85 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

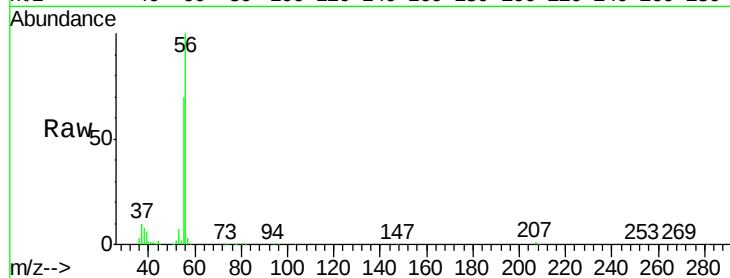
VSTDCCC050EC

Tgt Ion: 56 Resp: 86495

Ion Ratio Lower Upper

56 100

55 69.7 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

60000

50000

40000

30000

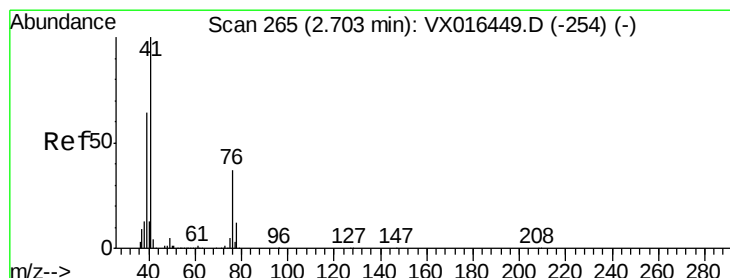
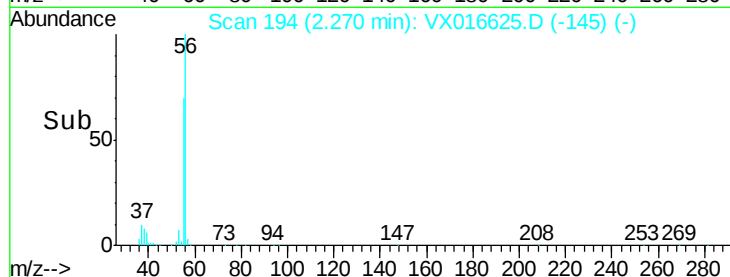
20000

10000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 43.51 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

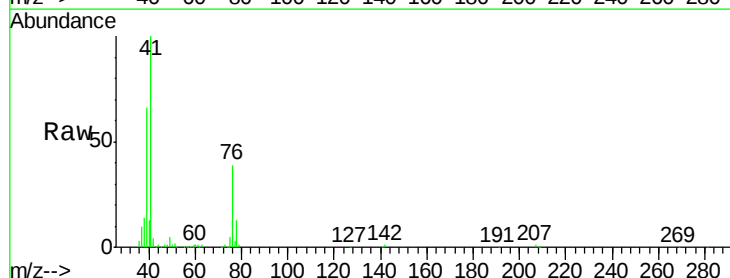
Tgt Ion: 41 Resp: 170771

Ion Ratio Lower Upper

41 100

39 61.5 47.7 71.5

76 36.0 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

200000

150000

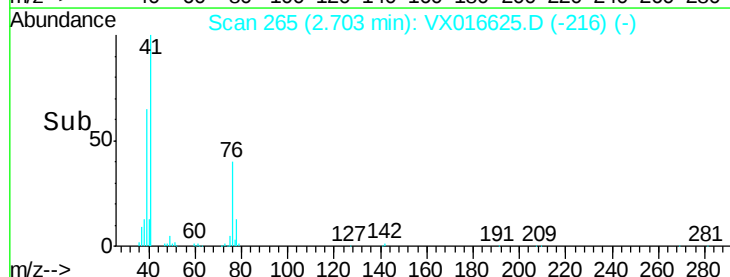
100000

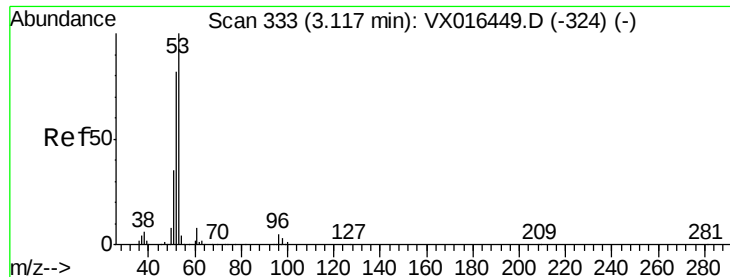
50000

0

Time-->

2.60 2.70 2.80

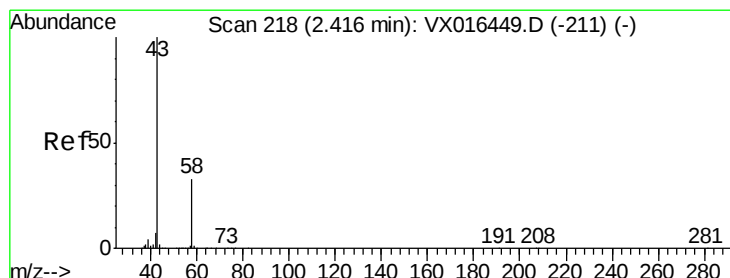
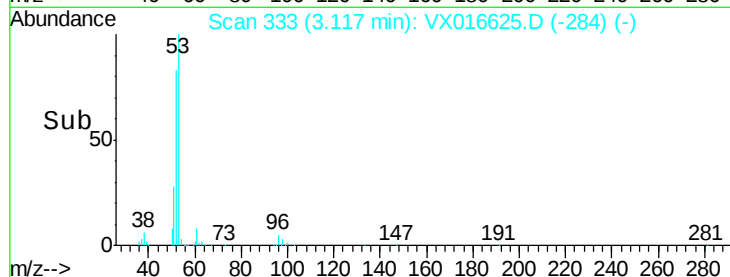
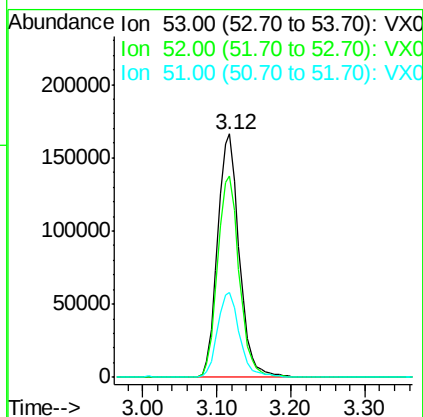
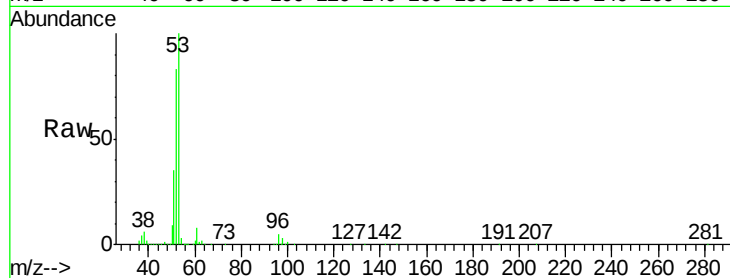




#15
 Acrylonitrile
 Concen: 231.69 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

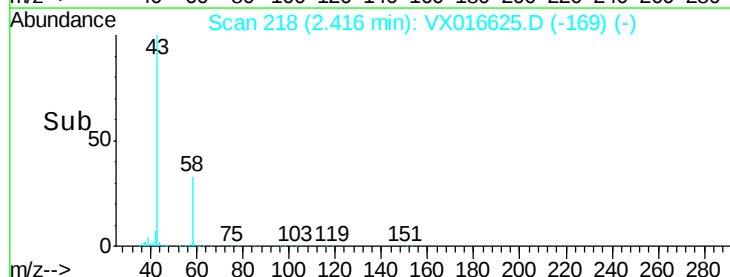
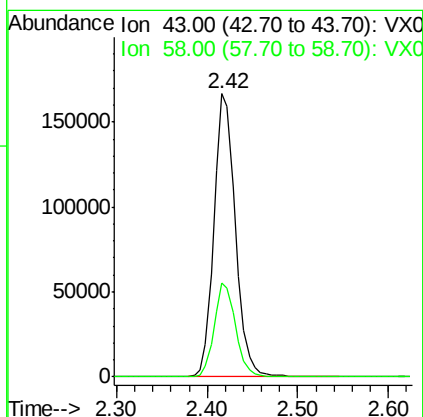
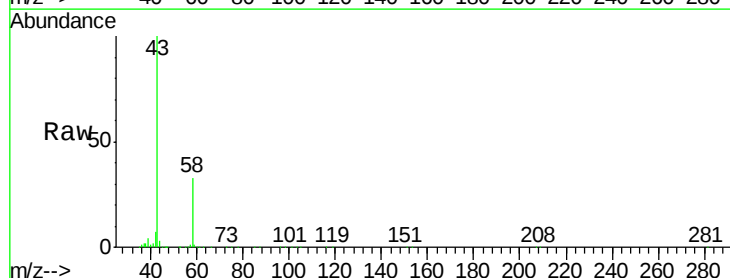
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

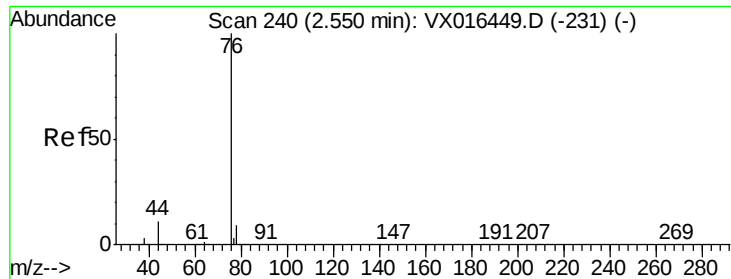
Tgt Ion: 53 Resp: 335251
 Ion Ratio Lower Upper
 53 100
 52 82.5 66.7 100.1
 51 35.9 28.6 43.0



#16
 Acetone
 Concen: 229.58 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Tgt Ion: 43 Resp: 277068
 Ion Ratio Lower Upper
 43 100
 58 33.2 26.1 39.1

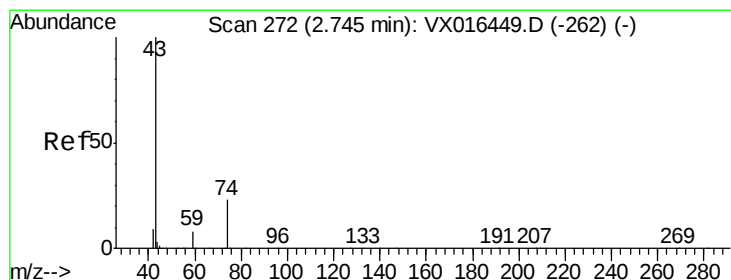
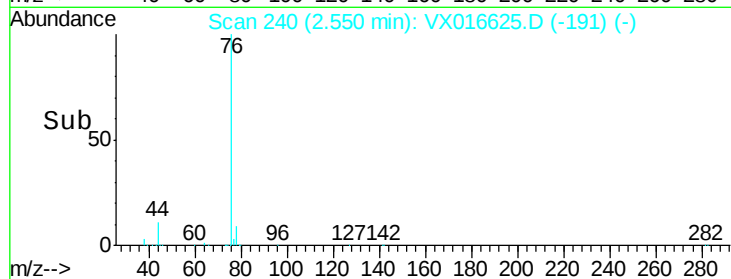
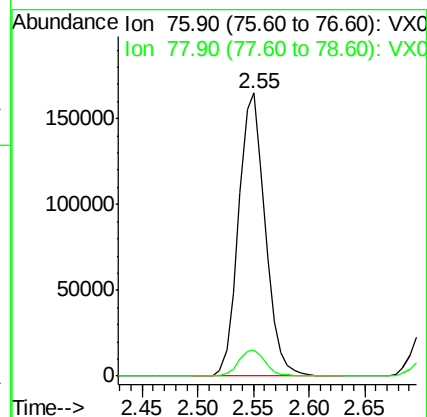
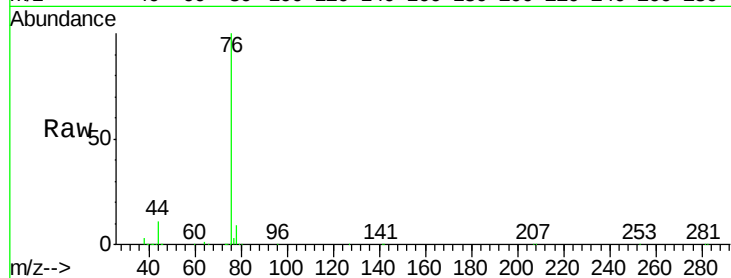




#17
Carbon Disulfide
Concen: 43.03 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

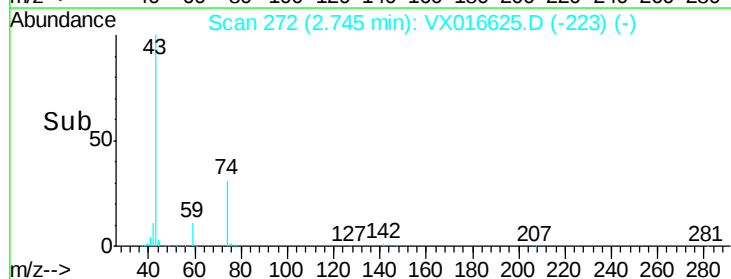
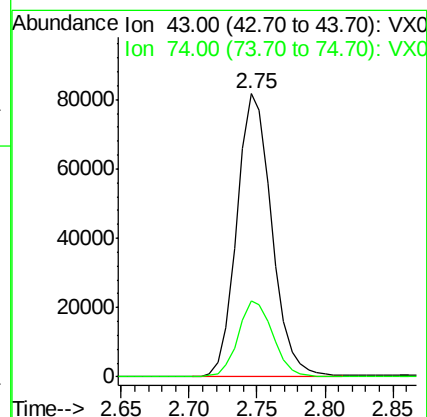
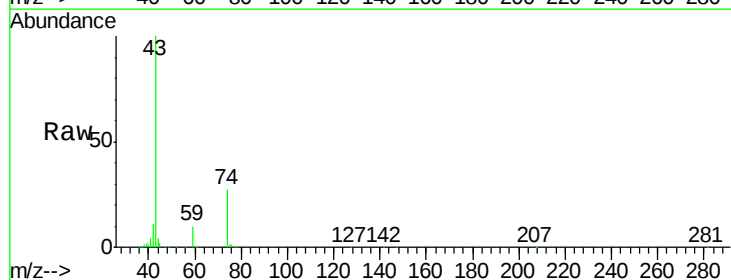
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

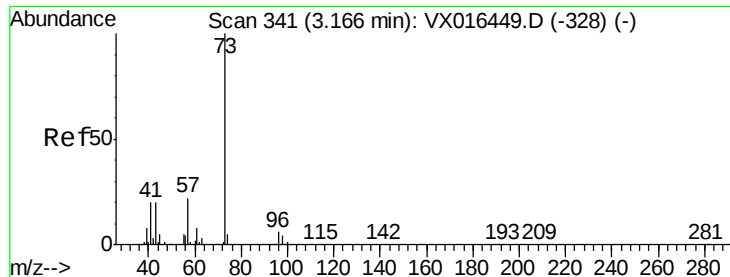
Tgt Ion: 76 Resp: 272719
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 47.24 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion: 43 Resp: 146218
Ion Ratio Lower Upper
43 100
74 27.2 19.7 29.5

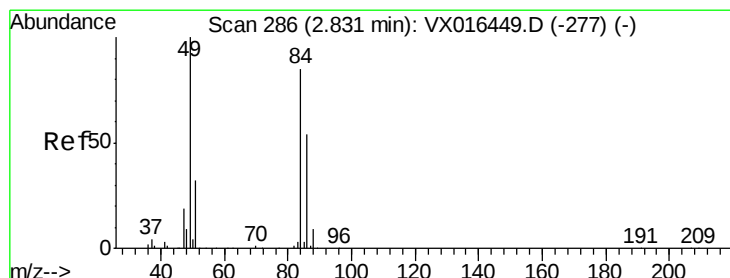
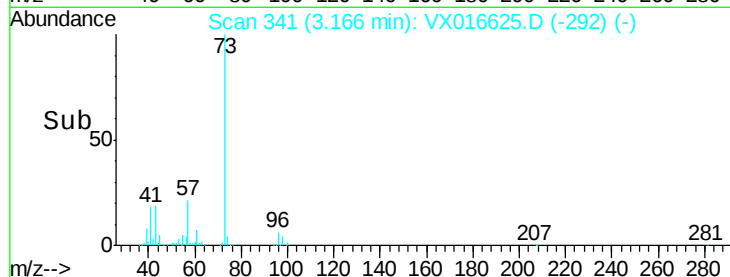
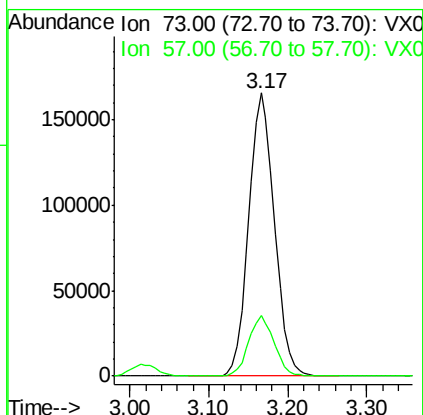
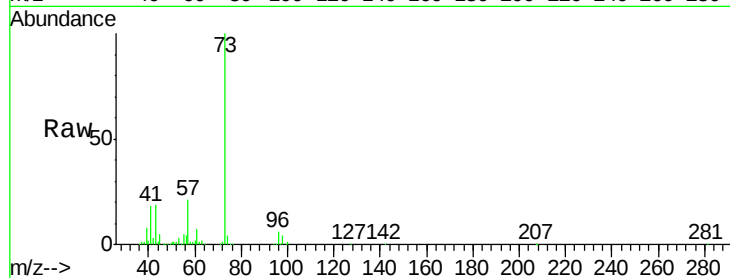




#19
Methyl tert-butyl Ether
Concen: 49.02 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

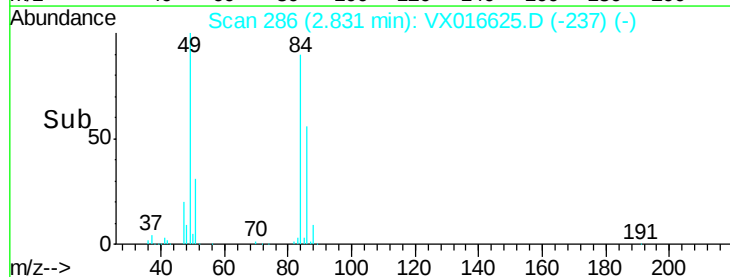
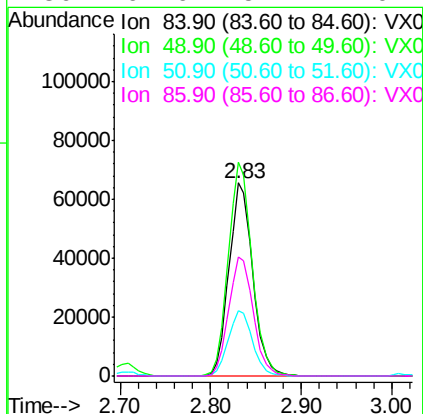
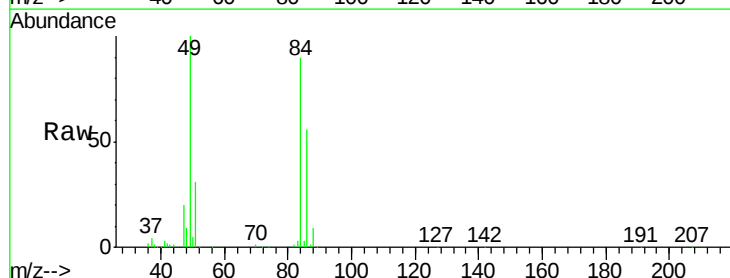
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

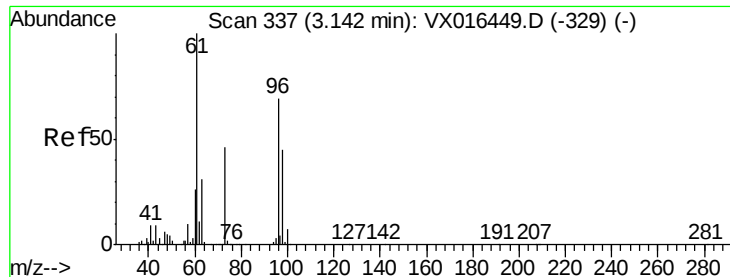
Tgt Ion: 73 Resp: 375703
Ion Ratio Lower Upper
73 100
57 21.5 17.8 26.6



#20
Methylene Chloride
Concen: 47.78 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion: 84 Resp: 119299
Ion Ratio Lower Upper
84 100
49 110.8 94.5 141.7
51 33.9 30.2 45.4
86 61.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.19 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

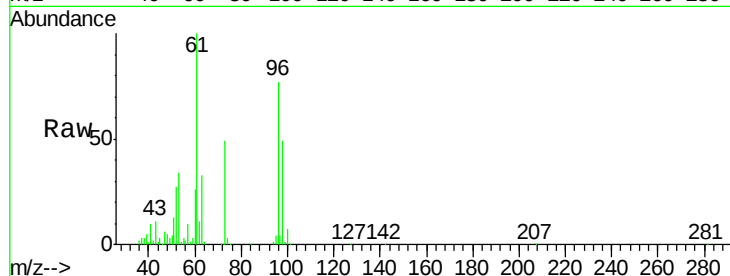
Tgt Ion: 96 Resp: 113775

Ion Ratio Lower Upper

96 100

61 129.9 115.3 172.9

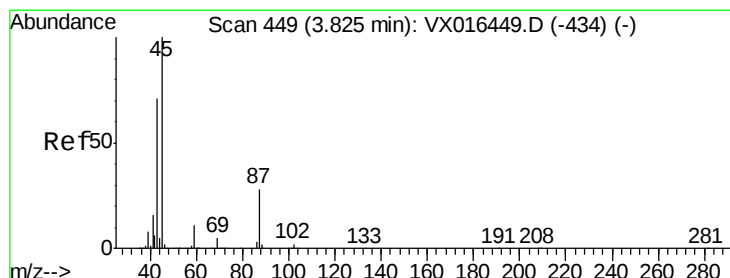
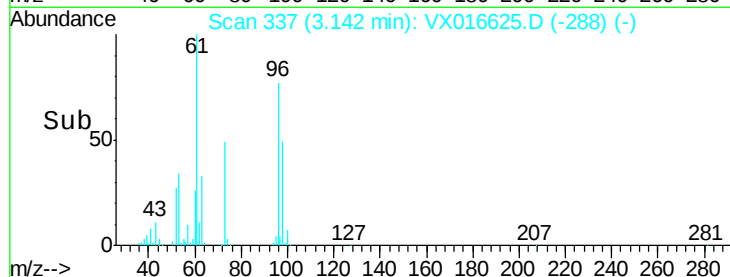
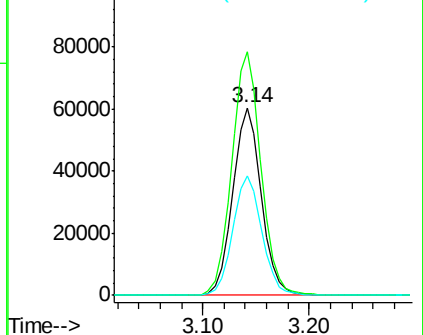
98 63.6 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 44.96 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Tgt Ion: 45 Resp: 339021

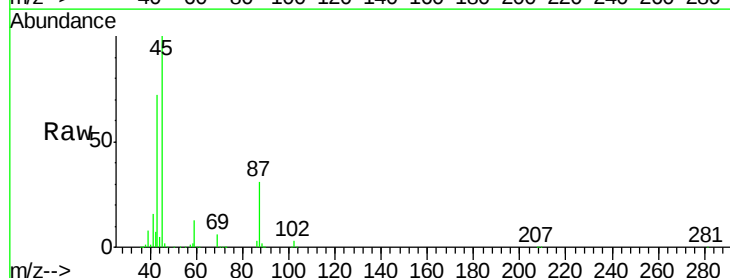
Ion Ratio Lower Upper

45 100

43 71.7 57.0 85.6

87 31.1 22.5 33.7

59 12.6 9.1 13.7

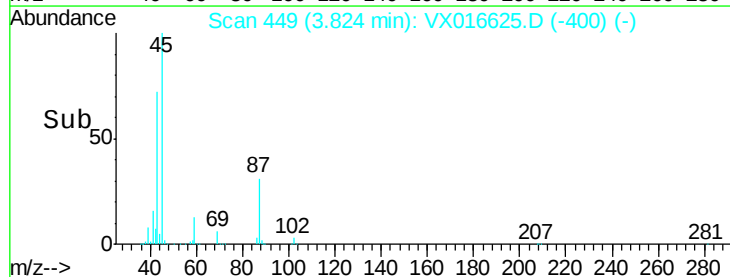
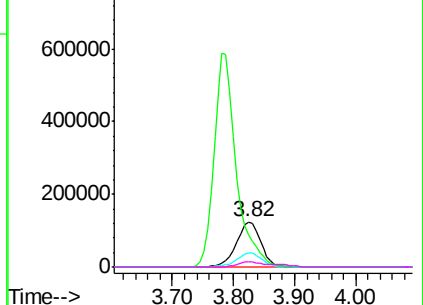


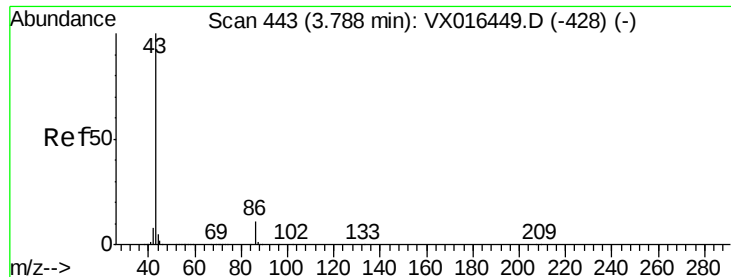
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 227.47 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

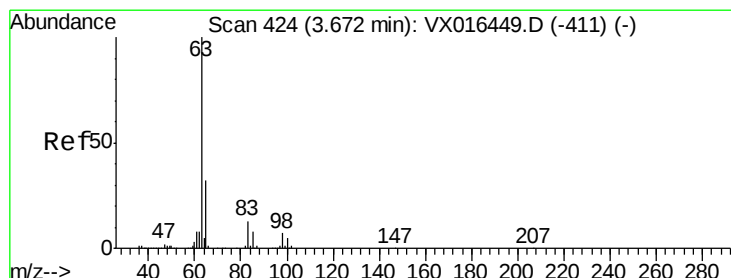
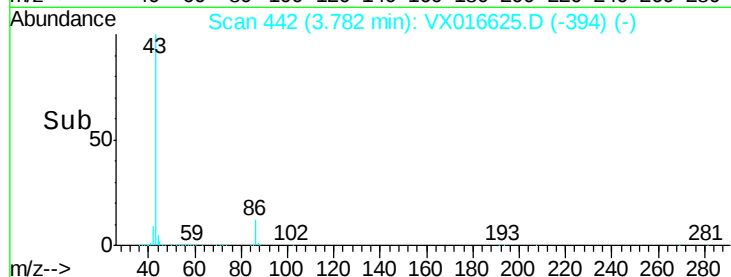
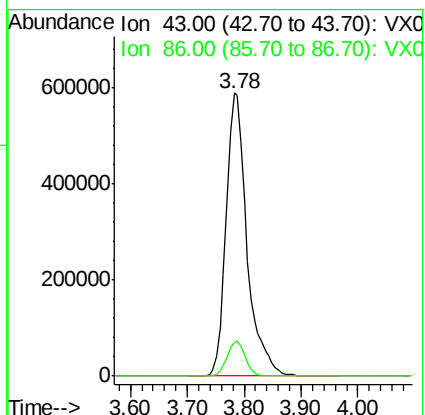
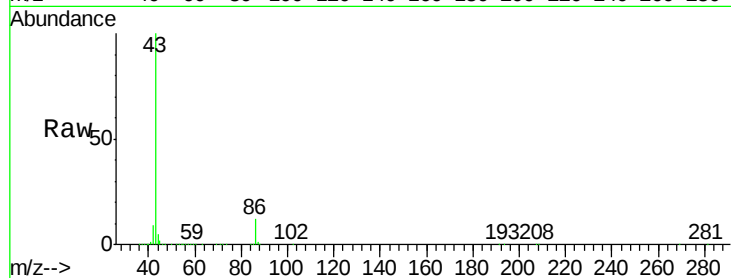
VSTDCCC050EC

Tgt Ion: 43 Resp: 1501344

Ion Ratio Lower Upper

43 100

86 11.9 8.6 13.0



#24

1,1-Dichloroethane

Concen: 48.16 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

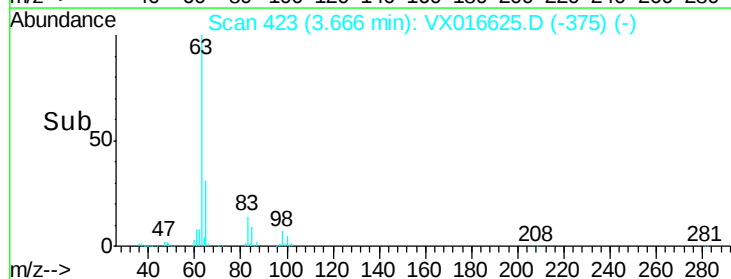
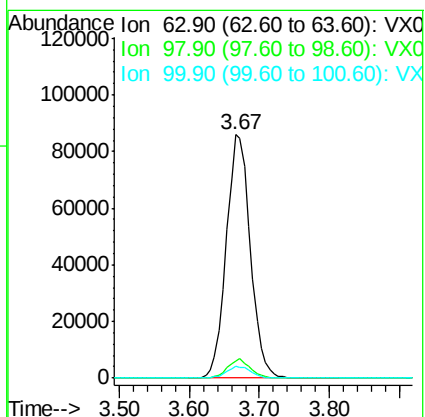
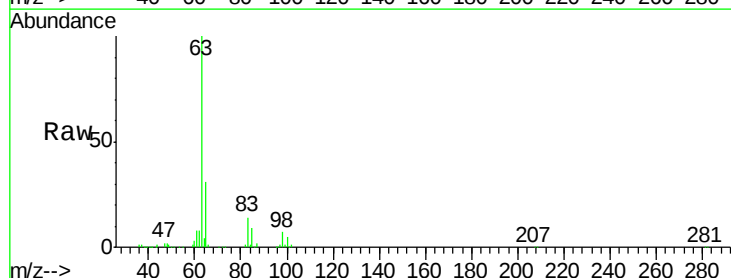
Tgt Ion: 63 Resp: 204963

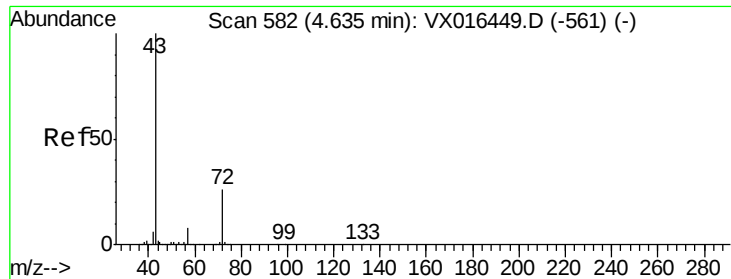
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 222.01 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

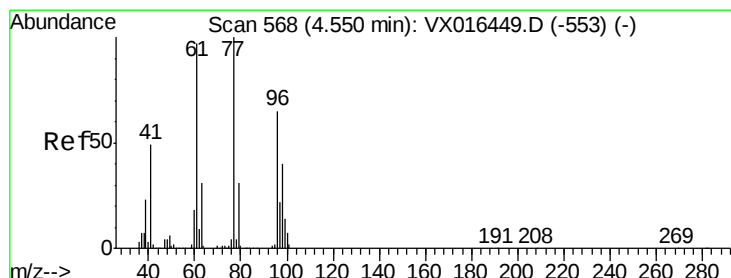
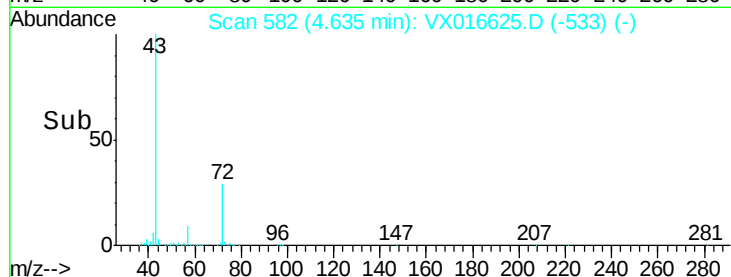
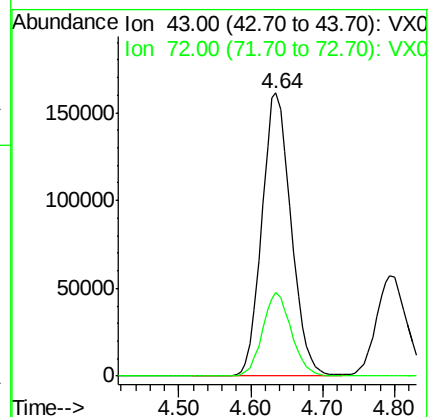
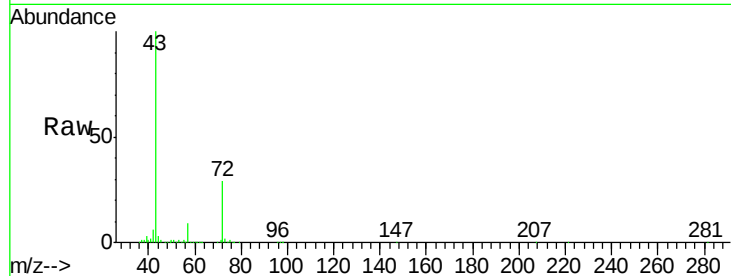
VSTDCCC050EC

Tgt Ion: 43 Resp: 454009

Ion Ratio Lower Upper

43 100

72 29.3 21.0 31.6



#26

2,2-Dichloropropane

Concen: 47.29 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016625.D

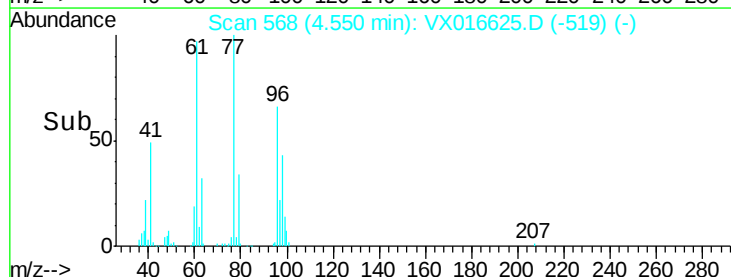
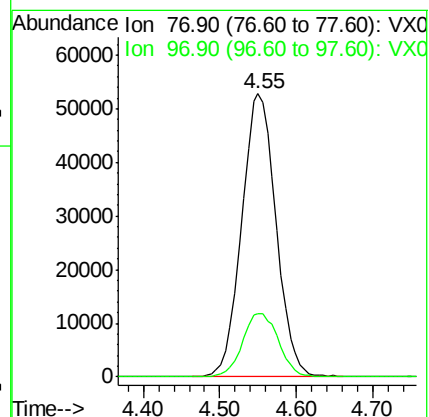
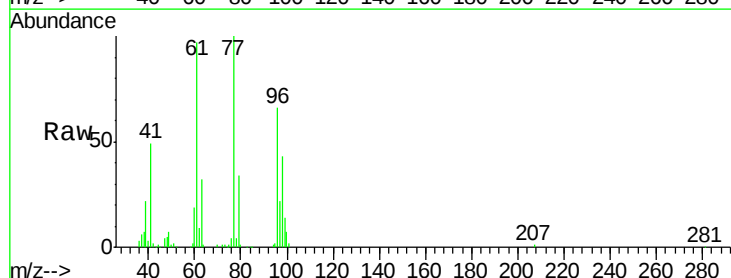
Acq: 05 Jun 2020 20:27

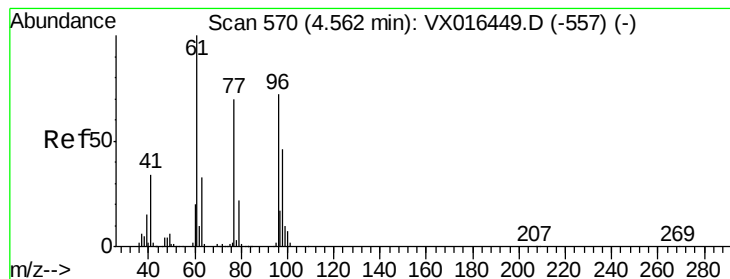
Tgt Ion: 77 Resp: 164672

Ion Ratio Lower Upper

77 100

97 23.5 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 47.49 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

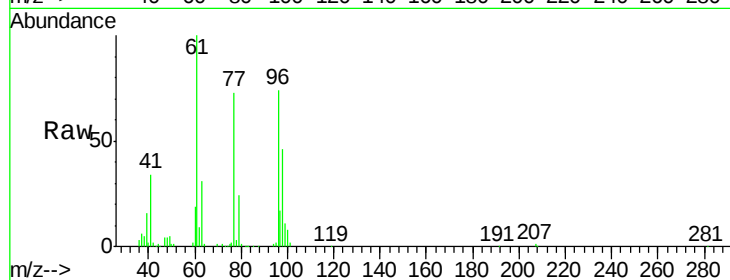
Tgt Ion: 96 Resp: 129703

Ion Ratio Lower Upper

96 100

61 139.8 0.0 284.6

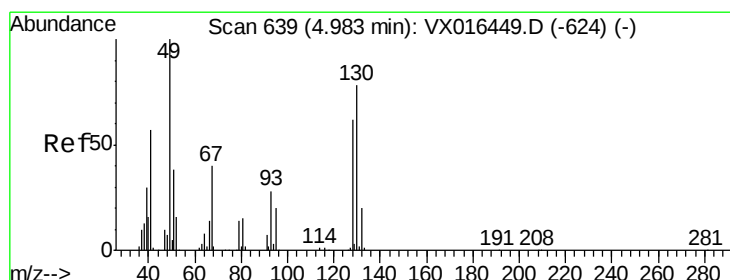
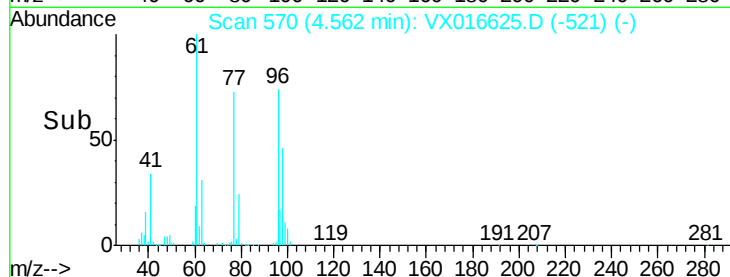
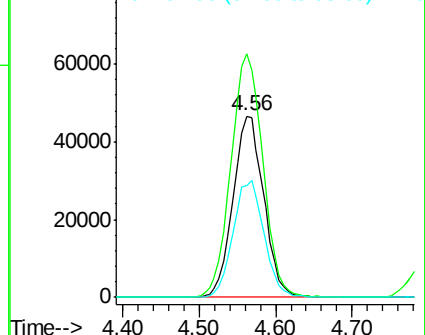
98 64.9 0.0 127.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 44.37 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

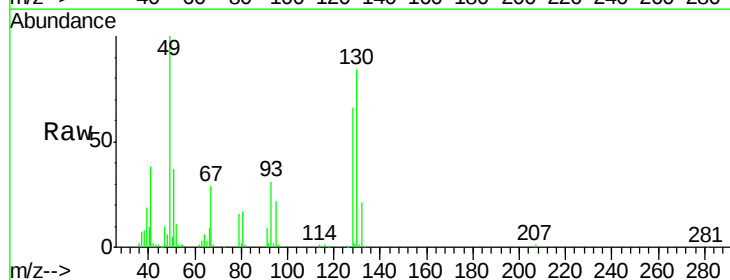
Tgt Ion: 49 Resp: 87744

Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.0

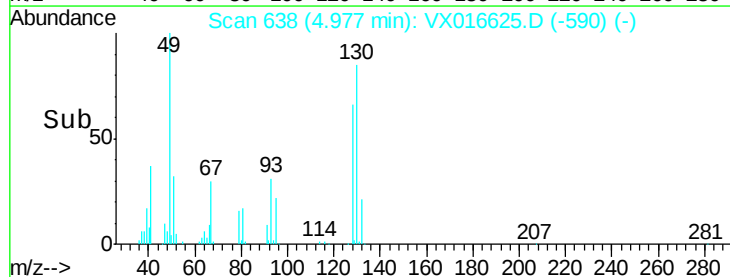
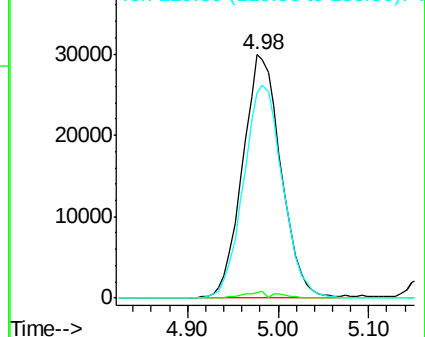
130 89.2 63.0 94.4

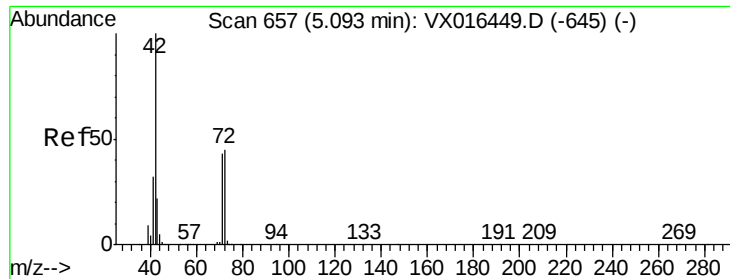


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 221.28 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

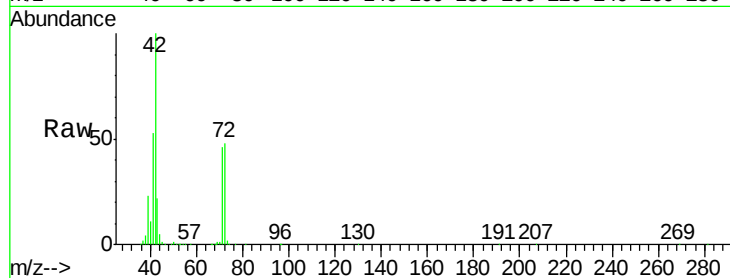
Tgt Ion: 42 Resp: 292352

Ion Ratio Lower Upper

42 100

72 50.1 37.0 55.4

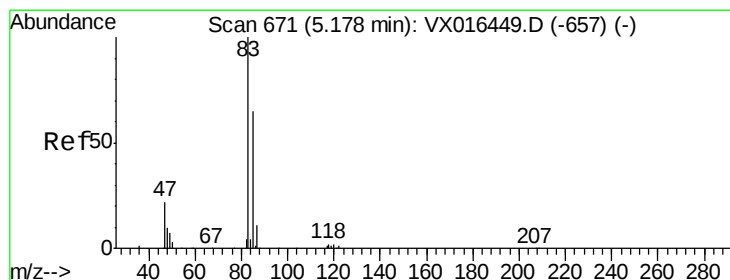
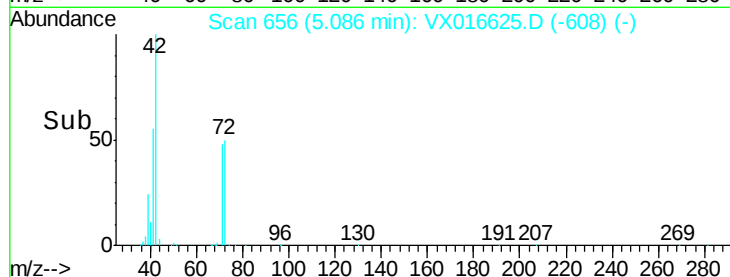
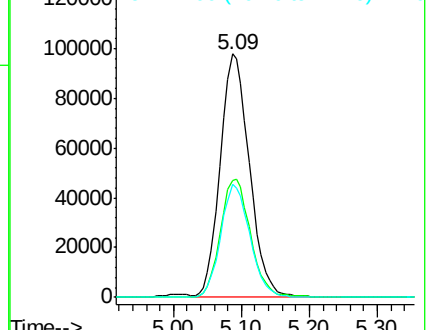
71 46.3 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.25 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016625.D

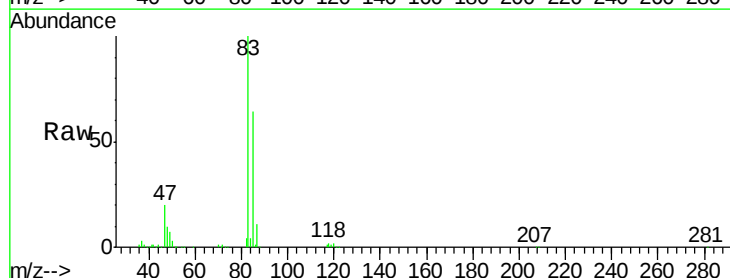
Acq: 05 Jun 2020 20:27

Tgt Ion: 83 Resp: 211212

Ion Ratio Lower Upper

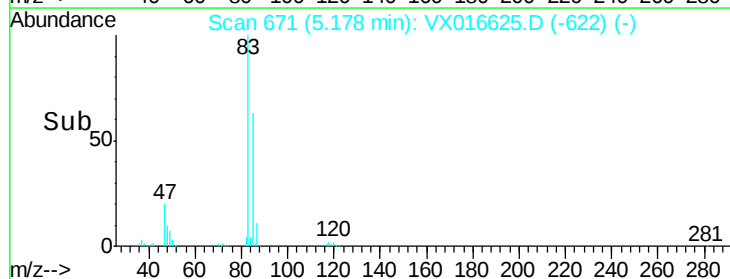
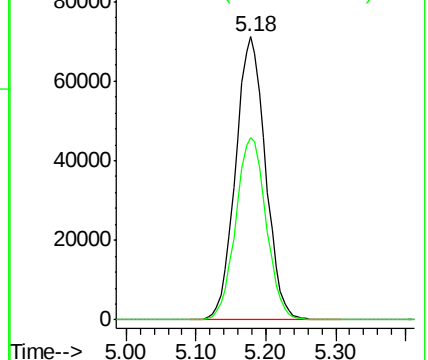
83 100

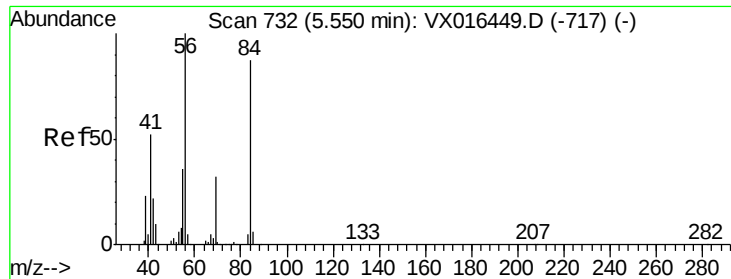
85 64.3 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

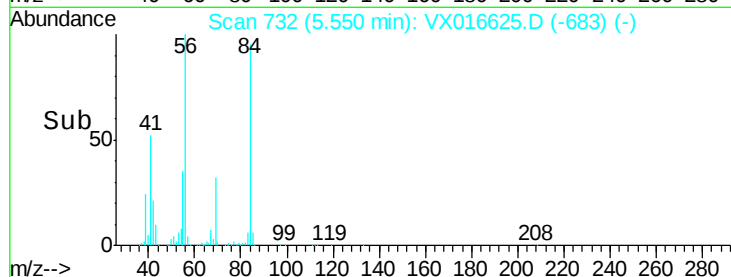
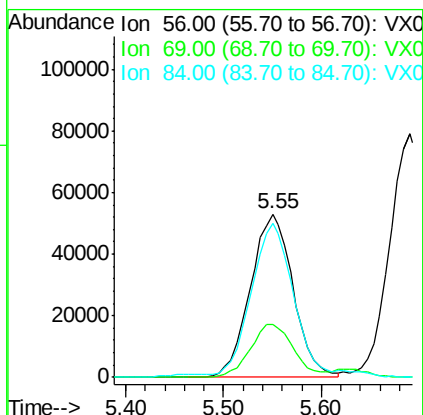
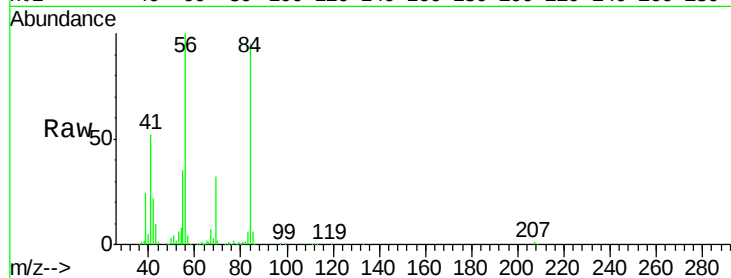




#31
Cyclohexane
Concen: 41.94 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

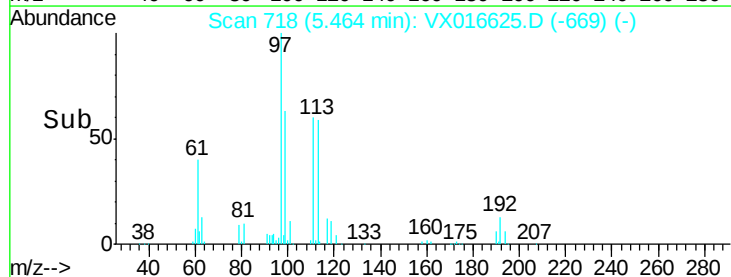
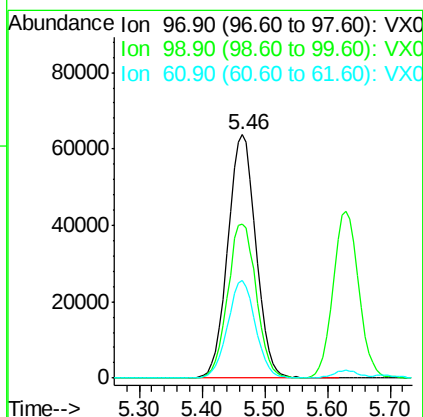
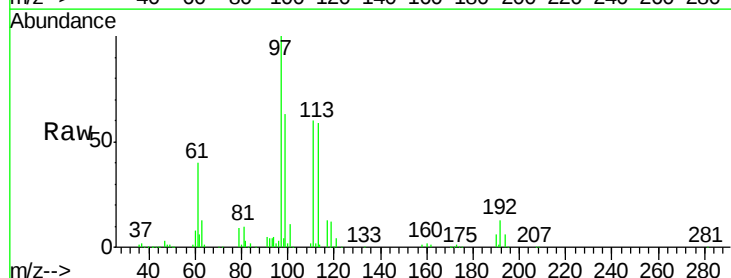
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 160560
Ion Ratio Lower Upper
56 100
69 32.1 25.7 38.5
84 92.8 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.75 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion: 97 Resp: 197034
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 39.8 33.5 50.3

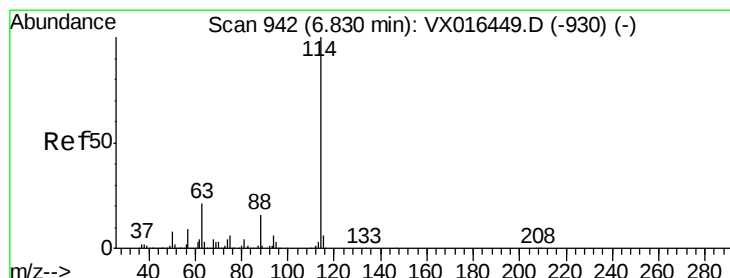
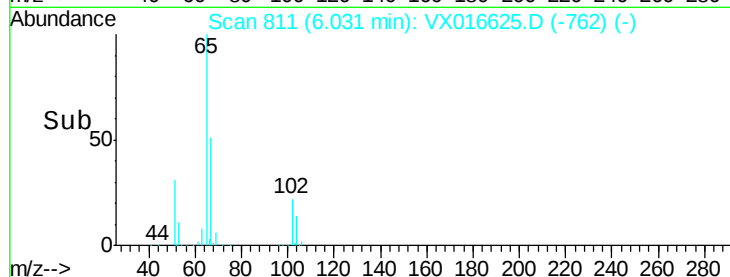
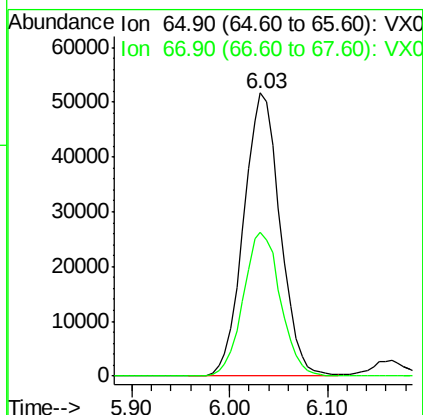
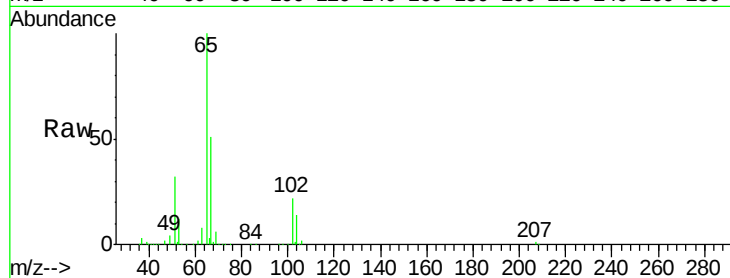




#33
 1,2-Dichloroethane-d4
 Concen: 48.55 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

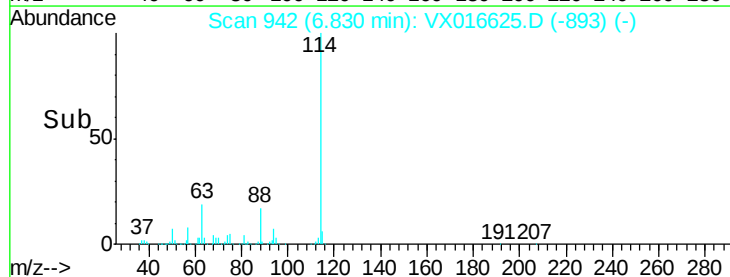
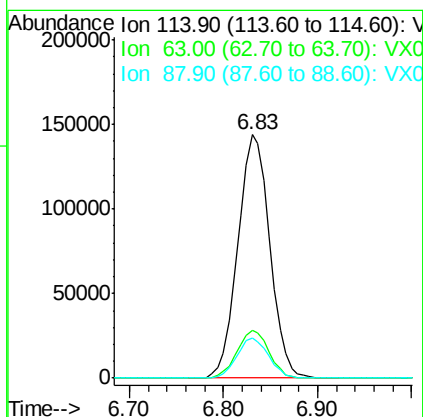
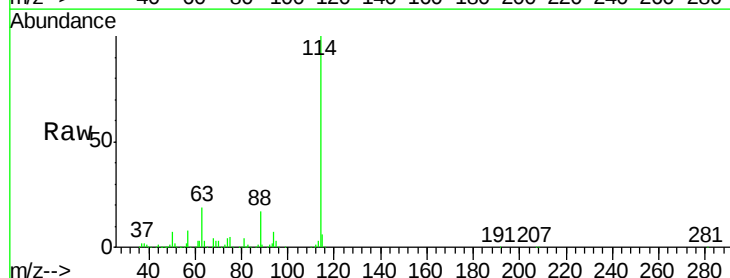
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

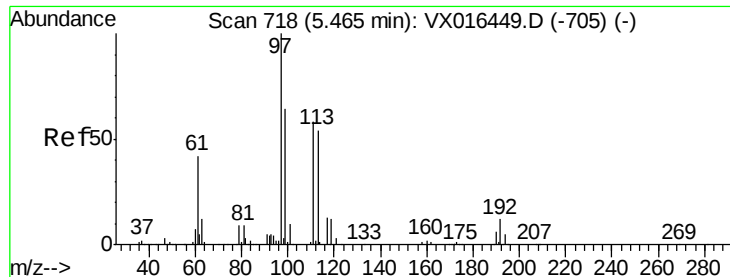
Tgt Ion: 65 Resp: 133749
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Tgt Ion: 114 Resp: 341886
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.6
 88 16.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.84 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

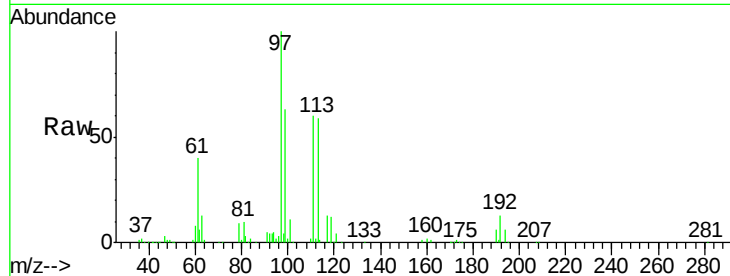
Tgt Ion:113 Resp: 107020

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.6

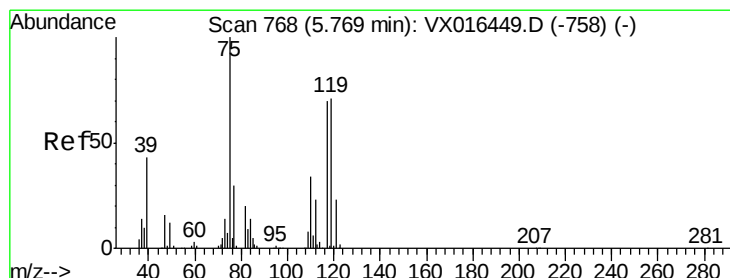
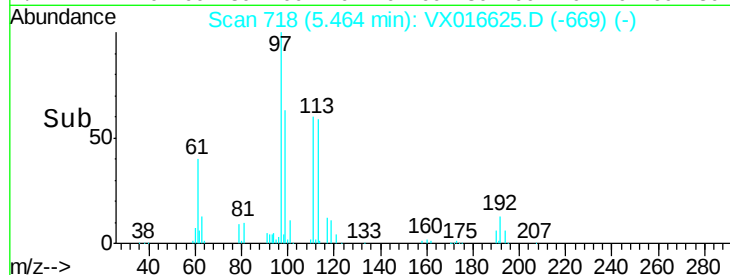
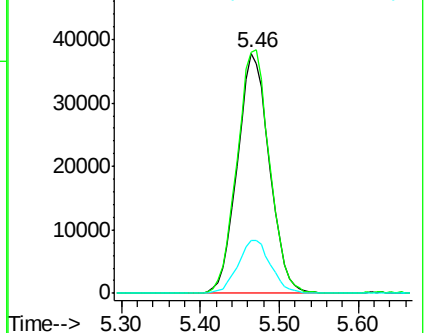
192 22.7 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.14 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

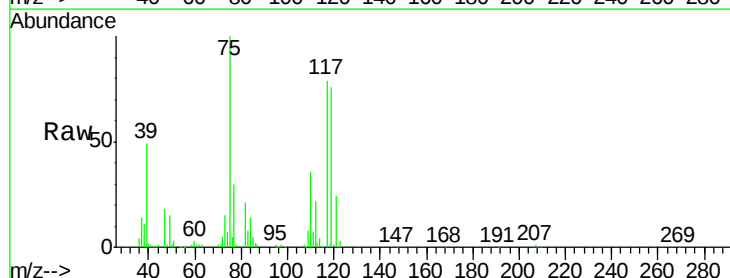
Tgt Ion: 75 Resp: 152609

Ion Ratio Lower Upper

75 100

110 36.8 17.4 52.3

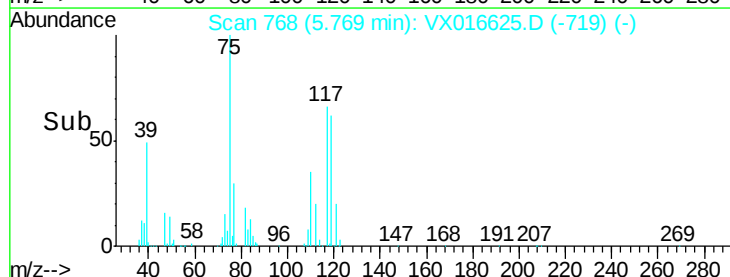
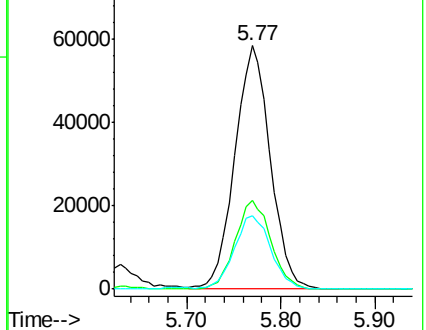
77 31.2 24.2 36.4

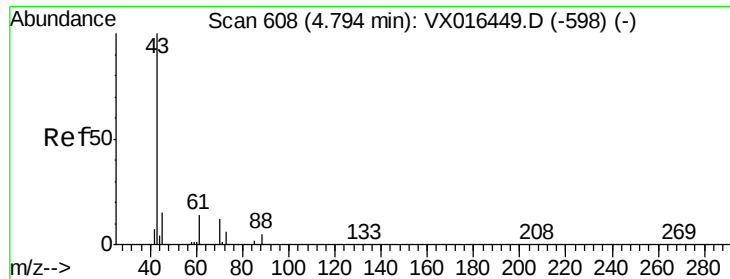


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

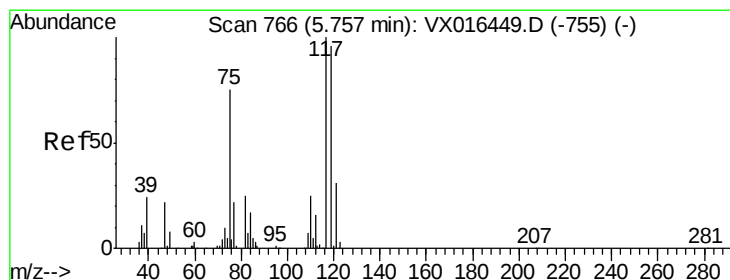
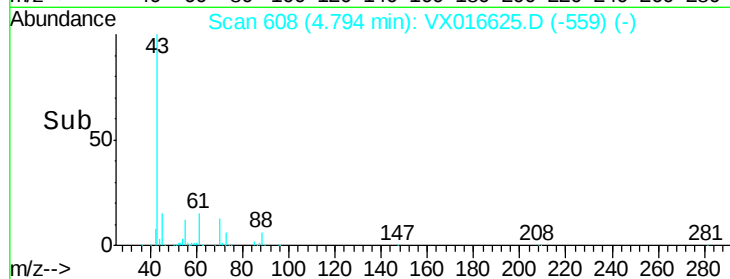
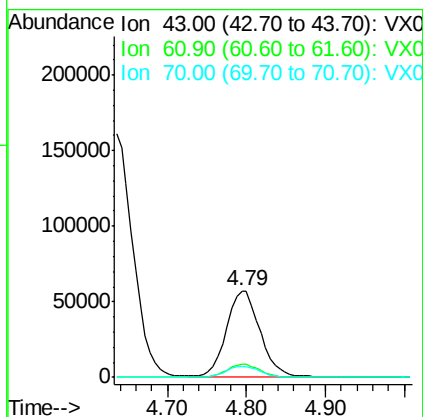
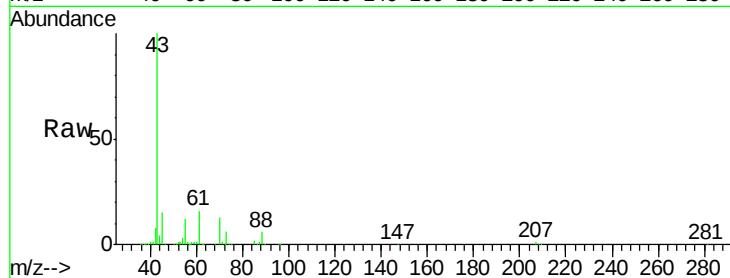




#37
Ethyl Acetate
Concen: 43.43 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

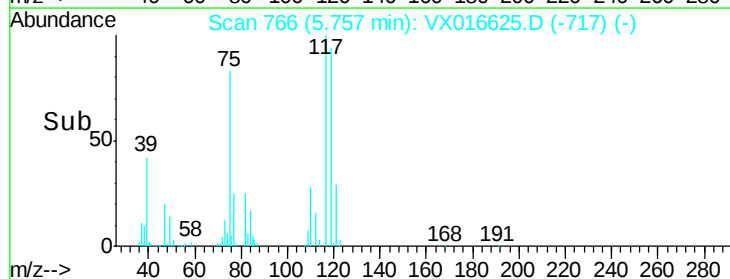
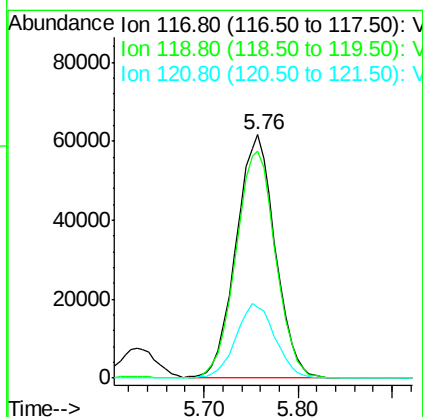
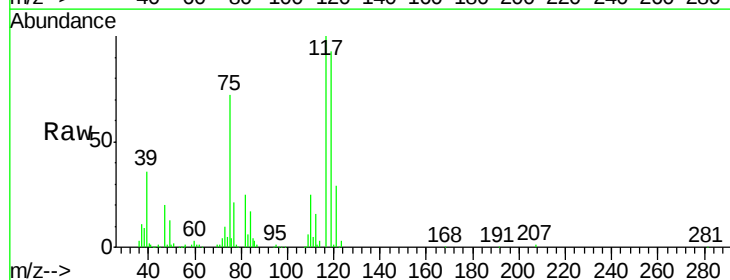
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

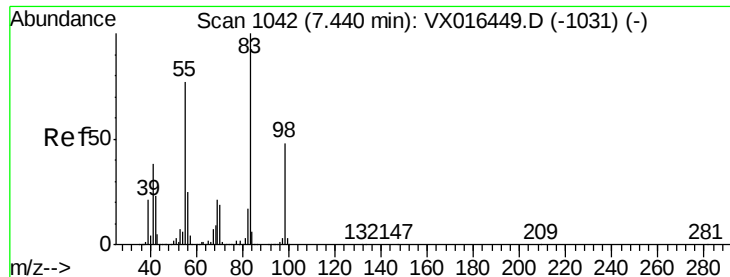
Tgt Ion: 43 Resp: 168784
Ion Ratio Lower Upper
43 100
61 15.3 11.3 16.9
70 12.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 52.35 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion: 117 Resp: 178066
Ion Ratio Lower Upper
117 100
119 93.4 76.3 114.5
121 29.0 24.6 37.0

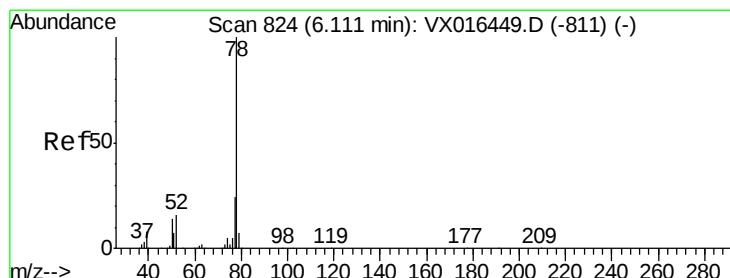
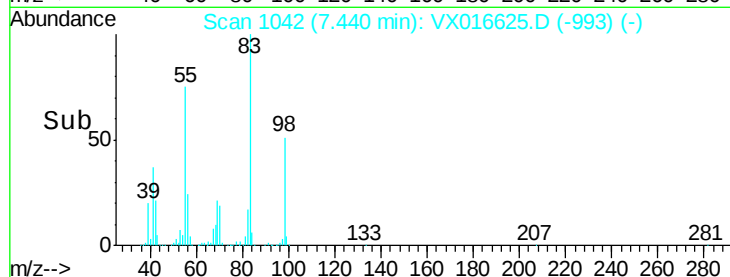
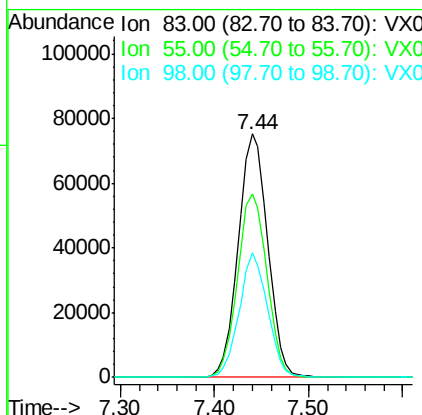
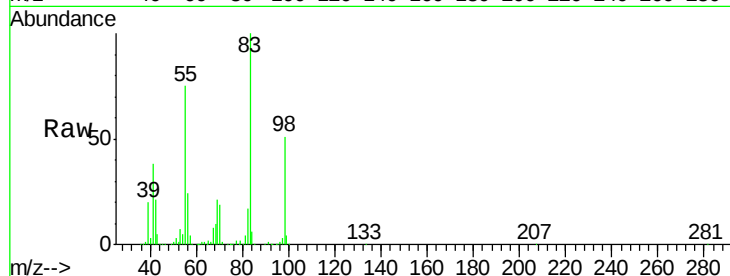




#39
Methylcyclohexane
Concen: 46.46 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

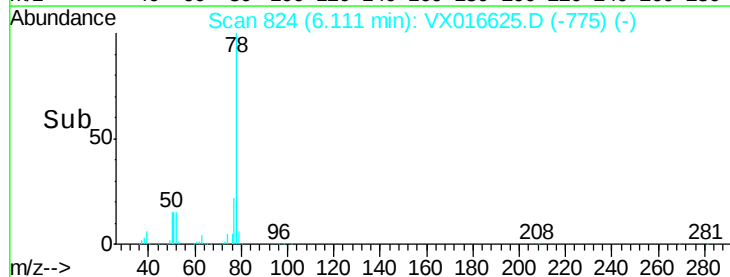
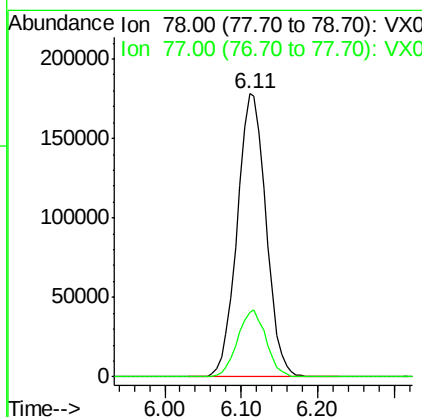
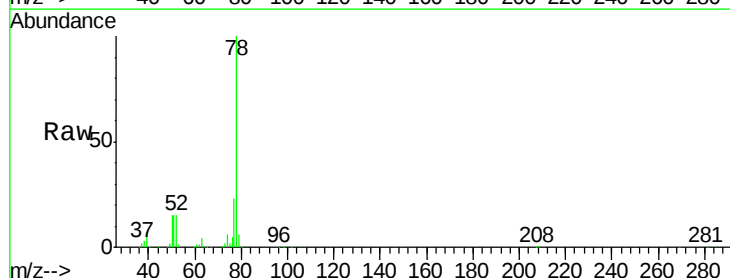
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 163340
Ion Ratio Lower Upper
83 100
55 75.2 61.7 92.5
98 51.3 38.7 58.1



#40
Benzene
Concen: 48.26 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion: 78 Resp: 465207
Ion Ratio Lower Upper
78 100
77 22.7 18.9 28.3

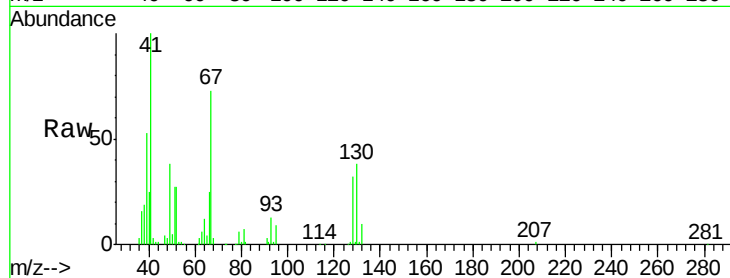




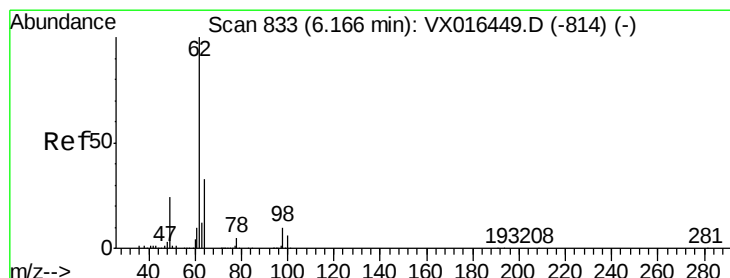
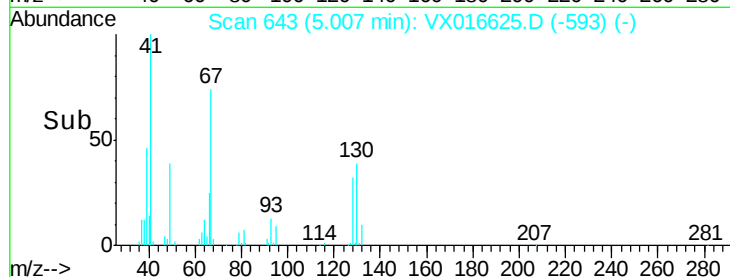
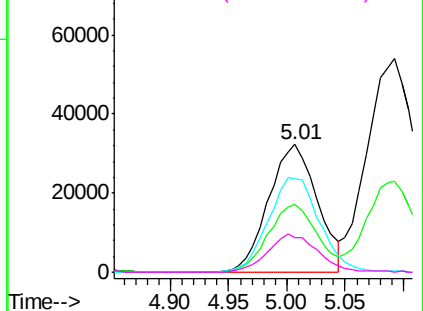
#41
Methacrylonitrile
Concen: 44.08 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	94095
Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.0	64.4
67	78.0	58.9	88.3
52	29.9	23.1	34.7

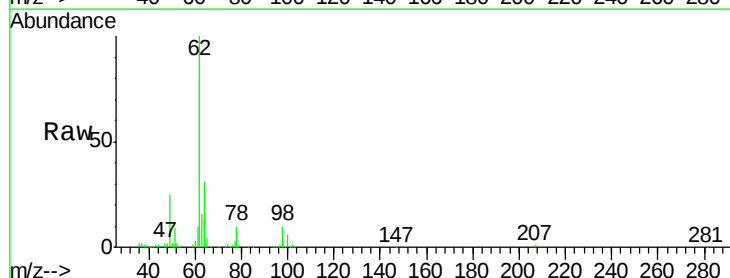


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

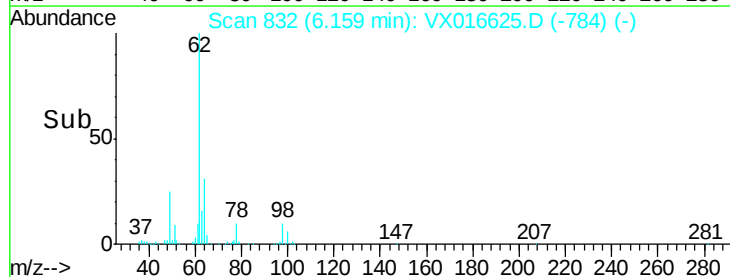
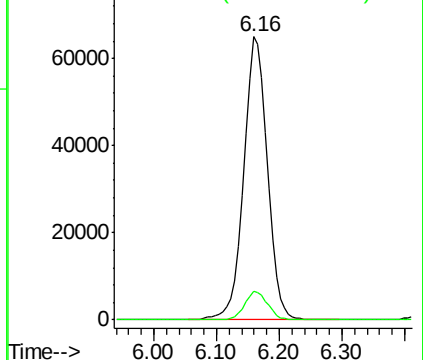


#42
1,2-Dichloroethane
Concen: 49.46 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion:	62	Resp:	169567
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 44.64 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

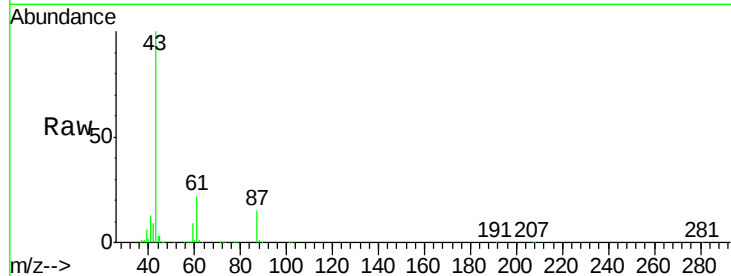
Tgt Ion: 43 Resp: 270612

Ion Ratio Lower Upper

43 100

61 22.0 16.8 25.2

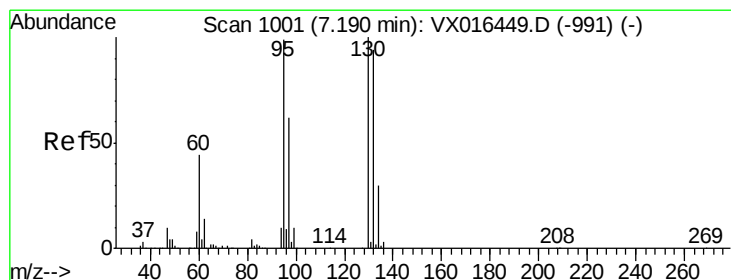
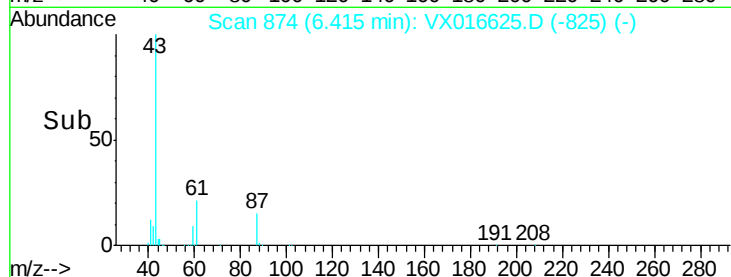
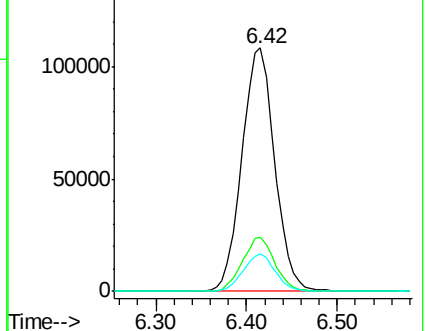
87 15.1 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.83 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016625.D

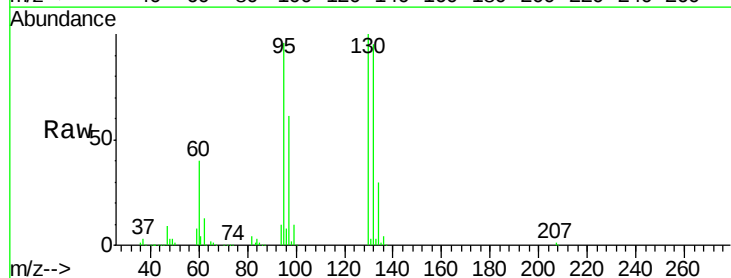
Acq: 05 Jun 2020 20:27

Tgt Ion: 130 Resp: 146274

Ion Ratio Lower Upper

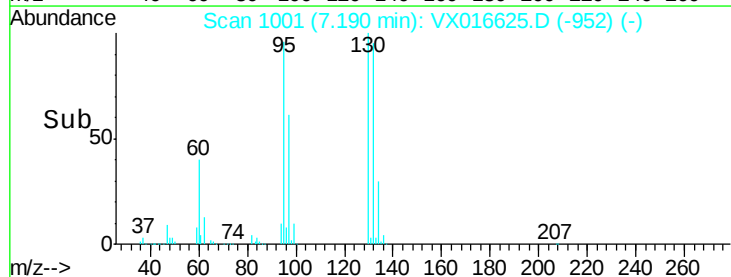
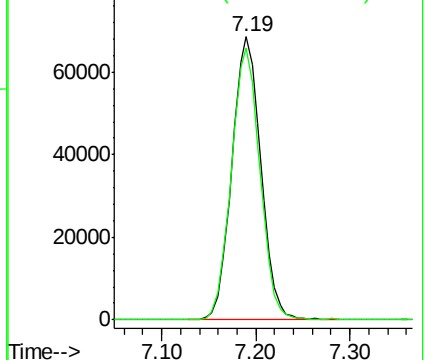
130 100

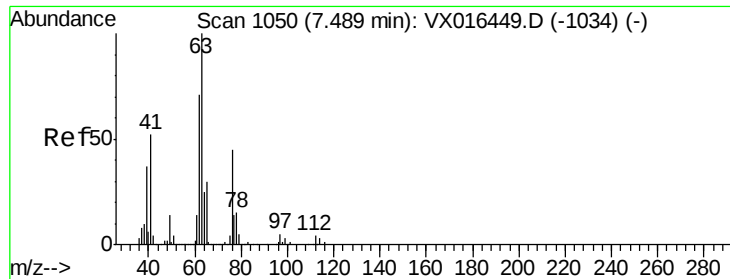
95 95.9 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

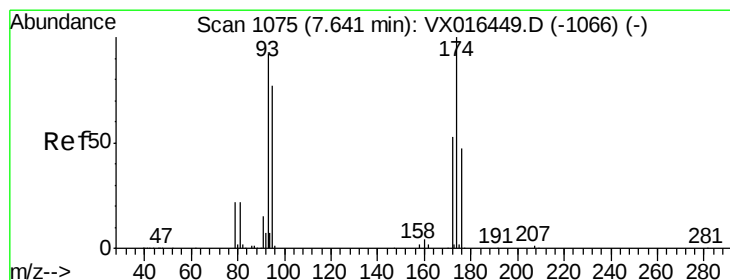
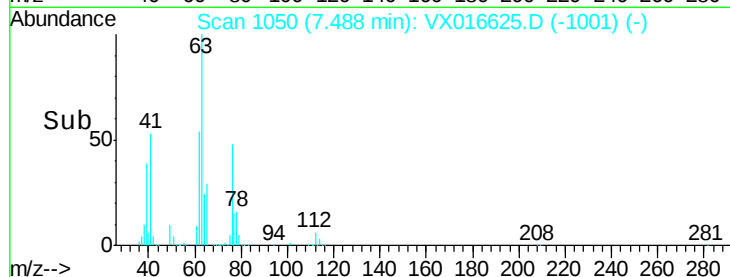
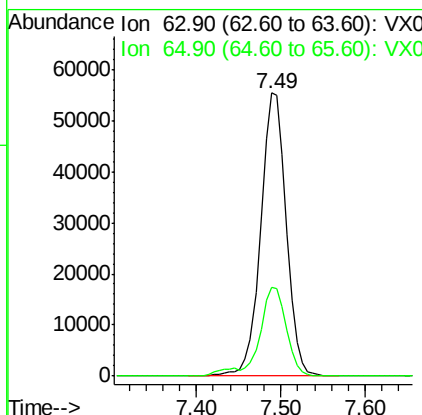
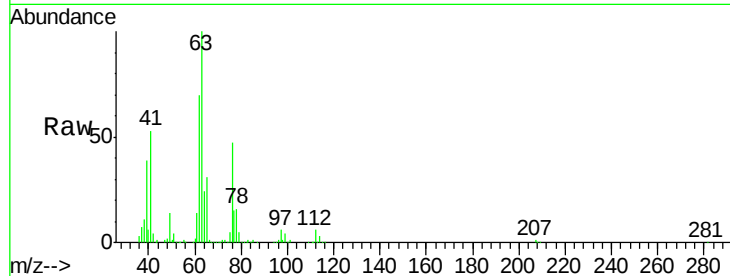




#45
 1,2-Dichloropropane
 Concen: 47.25 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

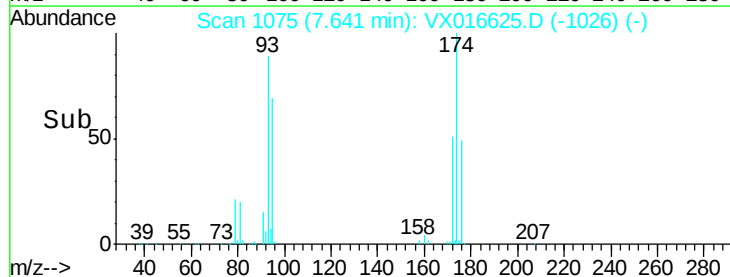
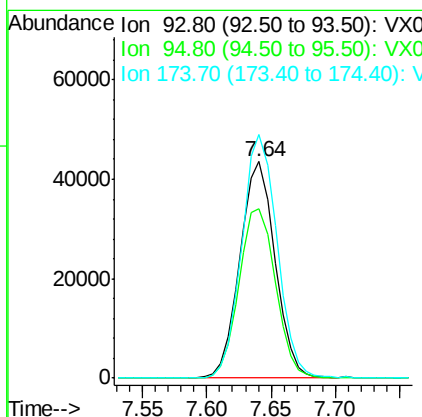
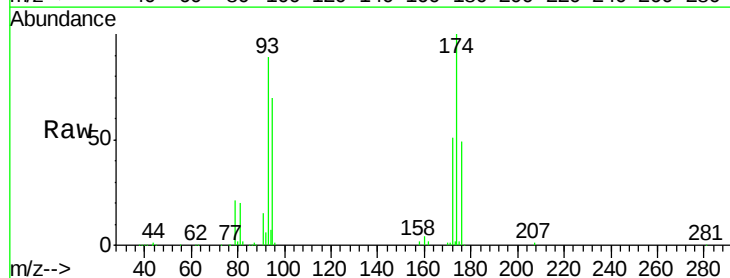
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

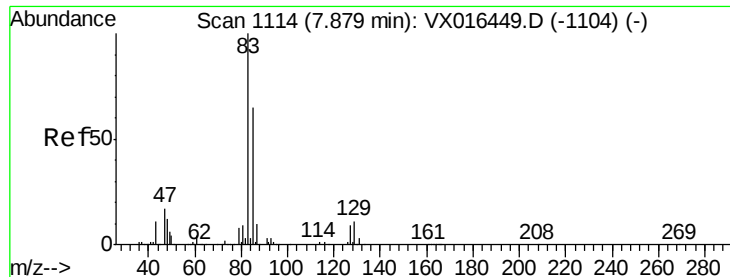
Tgt Ion: 63 Resp: 115952
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.2 36.2



#46
 Dibromomethane
 Concen: 50.15 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Tgt Ion: 93 Resp: 82655
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.6 100.0
 174 112.8 86.2 129.4





#47

Bromodichloromethane

Concen: 50.79 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

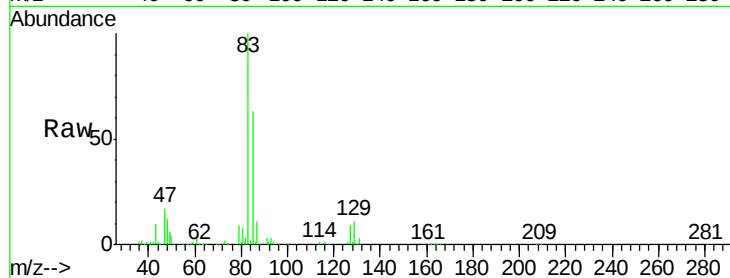
Tgt Ion: 83 Resp: 173344

Ion Ratio Lower Upper

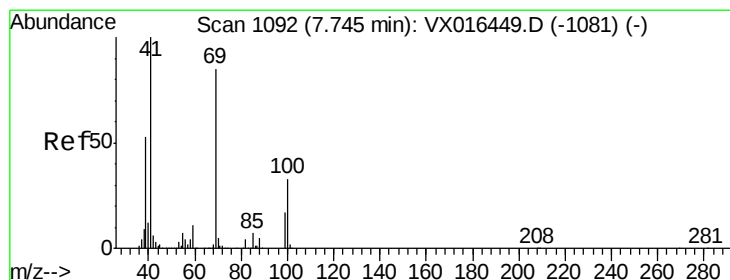
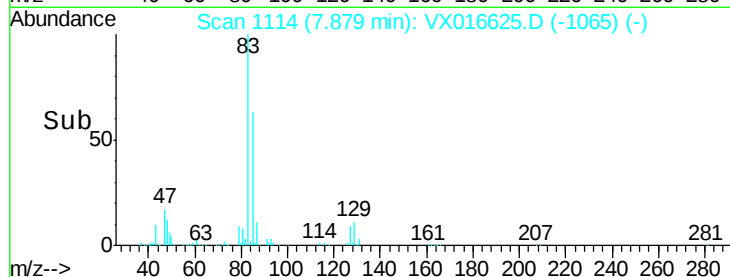
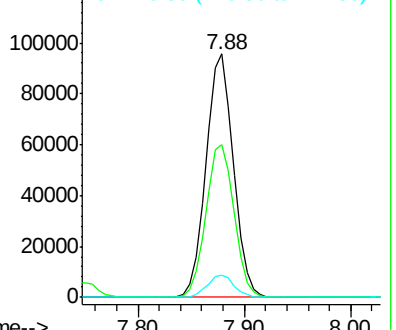
83 100

85 63.0 52.0 78.0

127 9.2 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 45.23 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

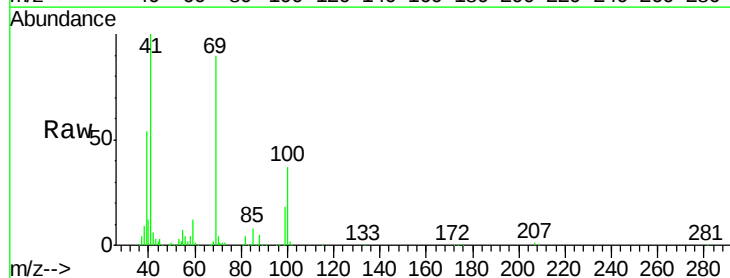
Tgt Ion: 41 Resp: 131271

Ion Ratio Lower Upper

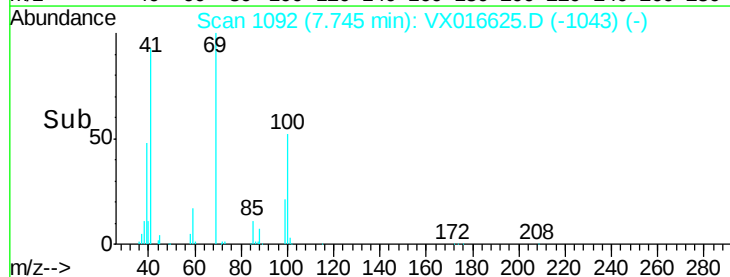
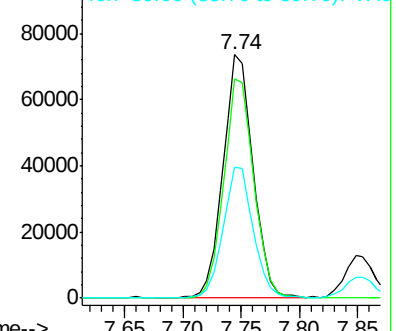
41 100

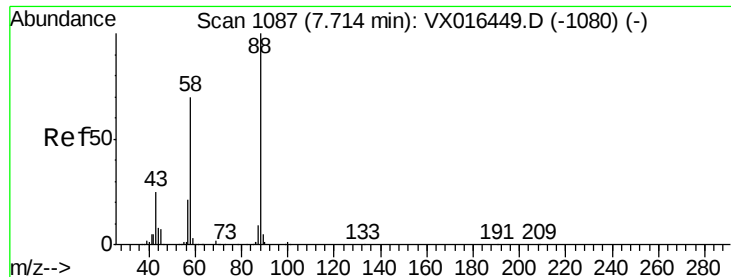
69 90.7 68.6 102.8

39 53.8 42.4 63.6



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





#49

1,4-Dioxane

Concen: 901.19 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

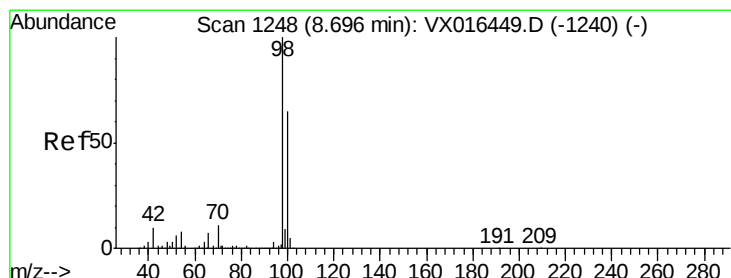
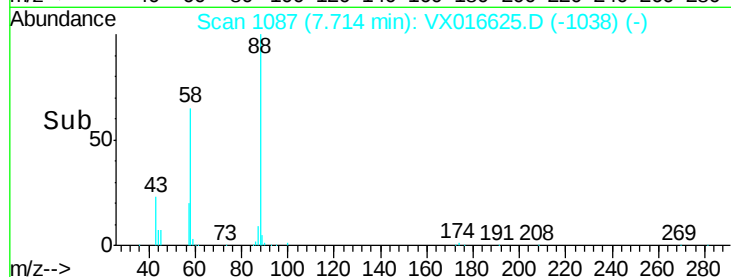
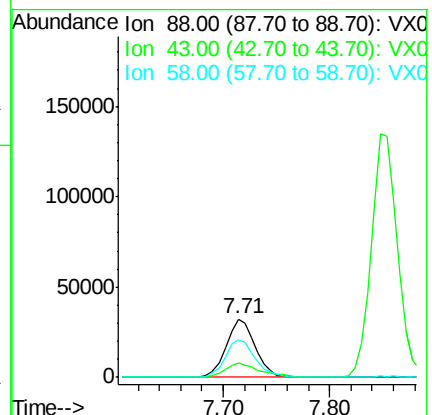
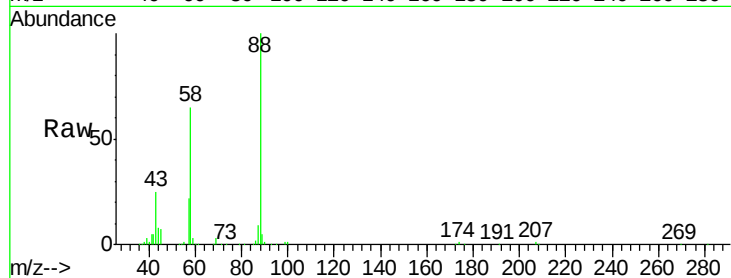
Tgt Ion: 88 Resp: 61213

Ion Ratio Lower Upper

88 100

43 29.3 24.2 36.4

58 67.3 56.5 84.7



#50

Toluene-d8

Concen: 50.00 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016625.D

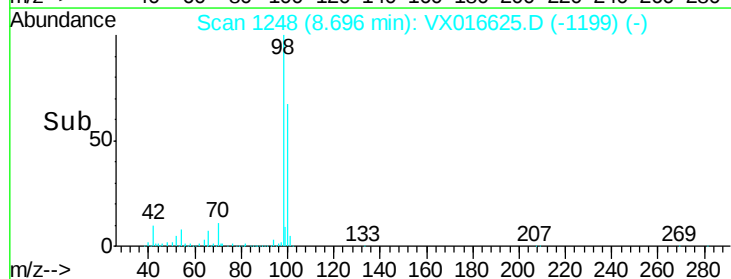
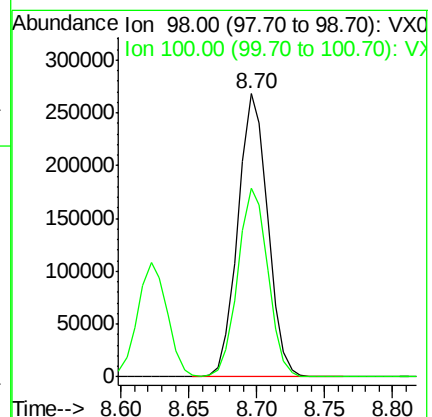
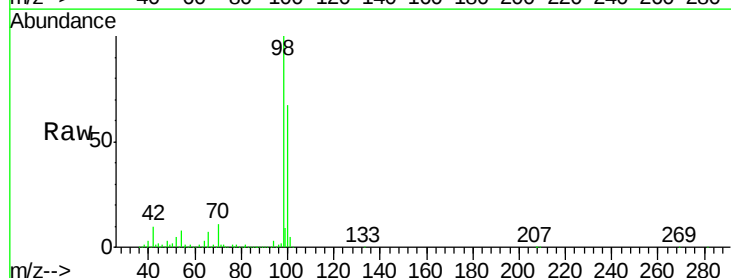
Acq: 05 Jun 2020 20:27

Tgt Ion: 98 Resp: 409665

Ion Ratio Lower Upper

98 100

100 67.3 53.8 80.6

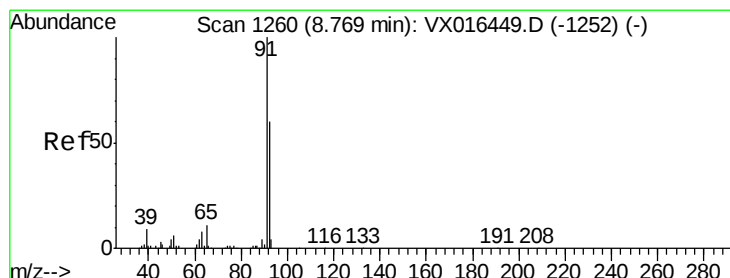
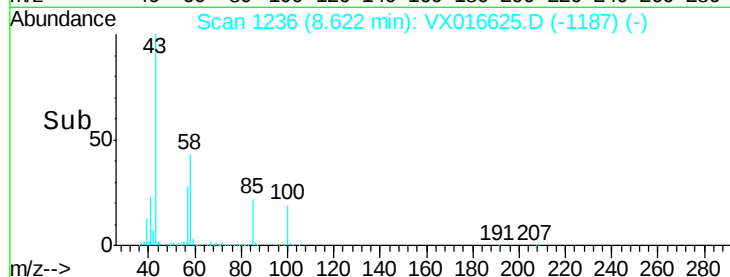
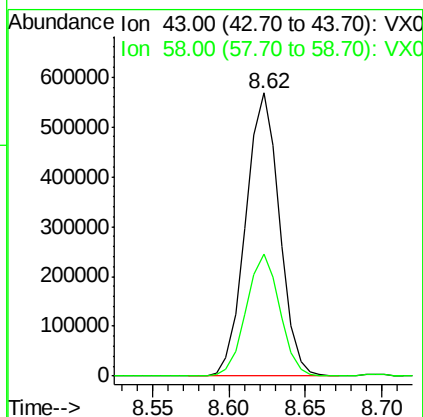
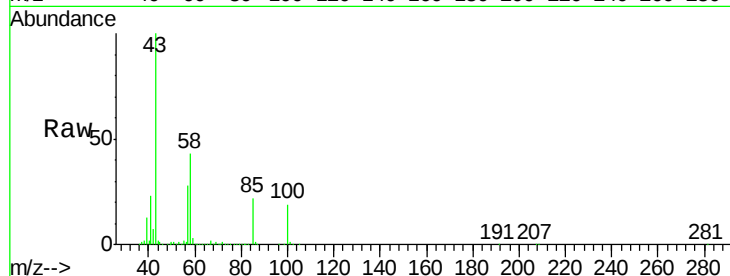




#51
 4-Methyl-2-Pentanone
 Concen: 230.94 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

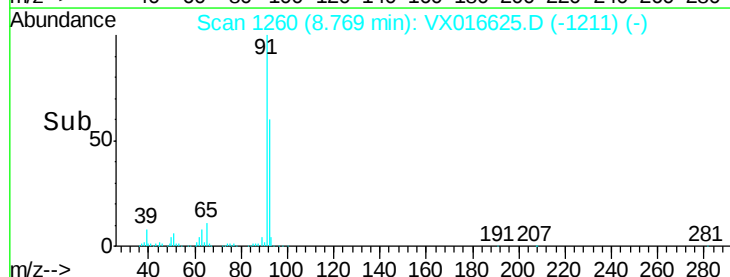
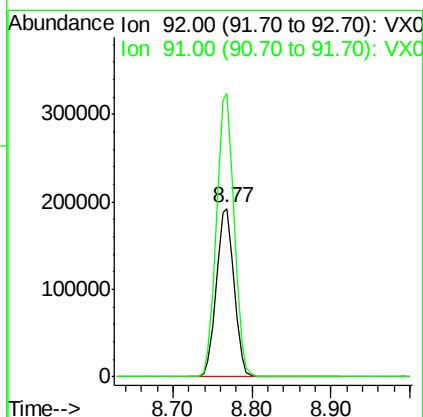
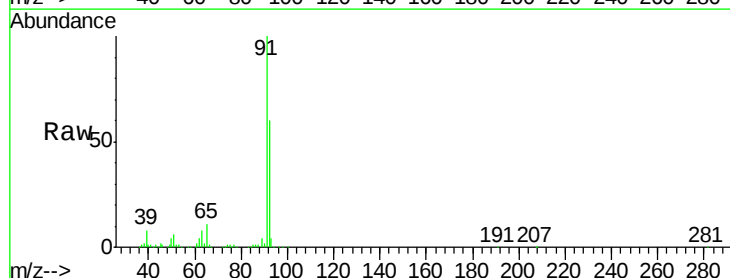
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

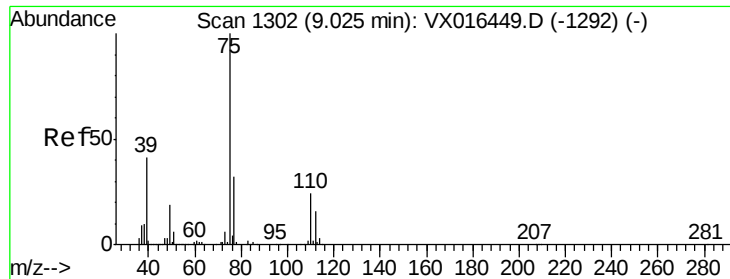
Tgt Ion: 43 Resp: 871679
 Ion Ratio Lower Upper
 43 100
 58 42.8 33.0 49.6



#52
 Toluene
 Concen: 49.57 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Tgt Ion: 92 Resp: 301336
 Ion Ratio Lower Upper
 92 100
 91 168.1 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 49.33 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

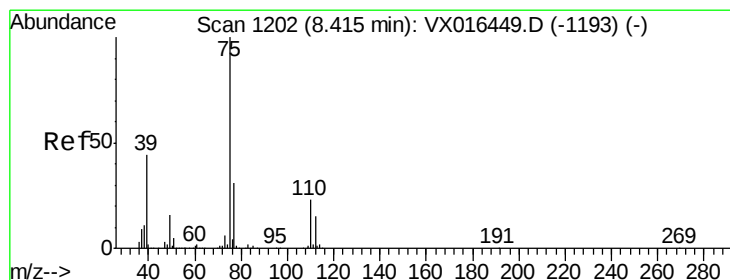
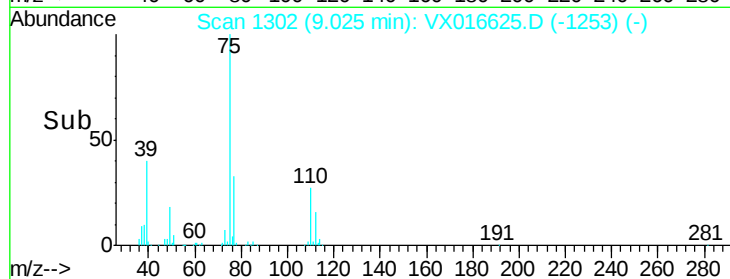
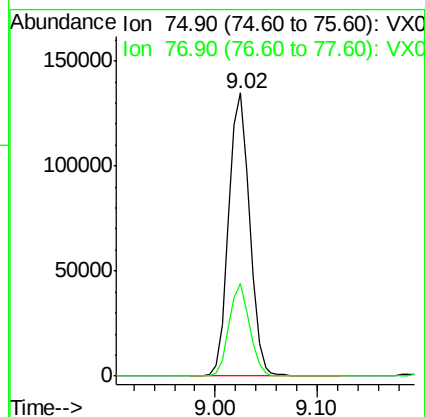
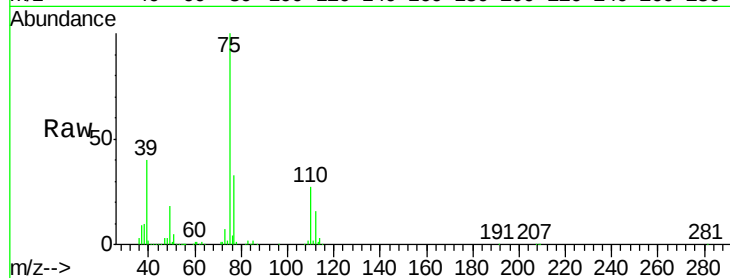
VSTDCCC050EC

Tgt Ion: 75 Resp: 191445

Ion Ratio Lower Upper

75 100

77 32.8 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 49.30 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

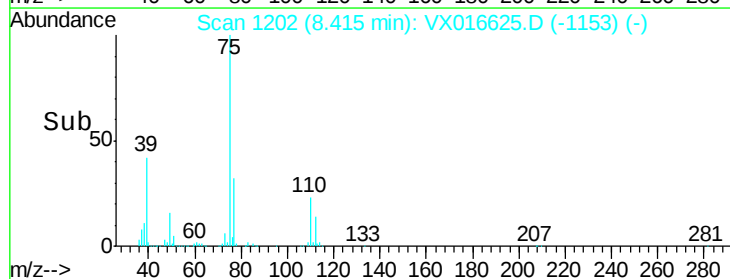
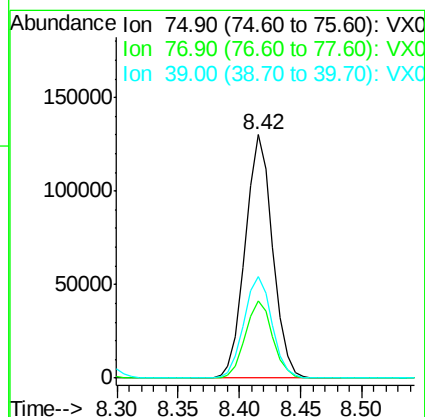
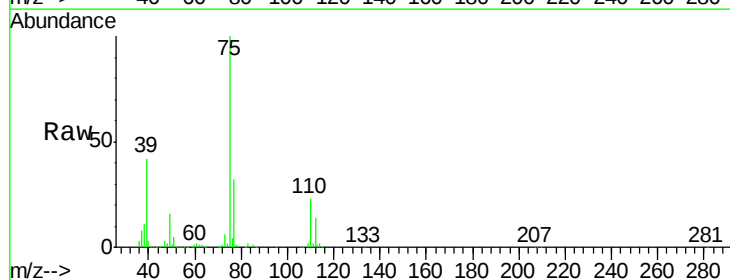
Tgt Ion: 75 Resp: 202501

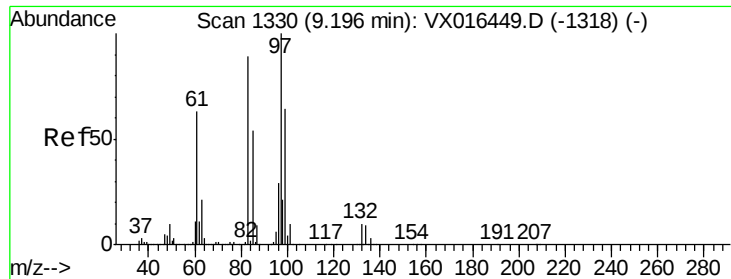
Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8

39 41.8 35.3 52.9

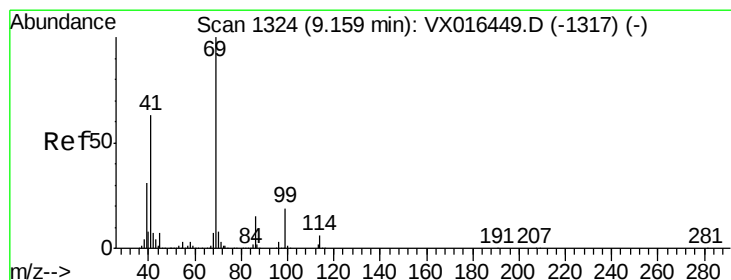
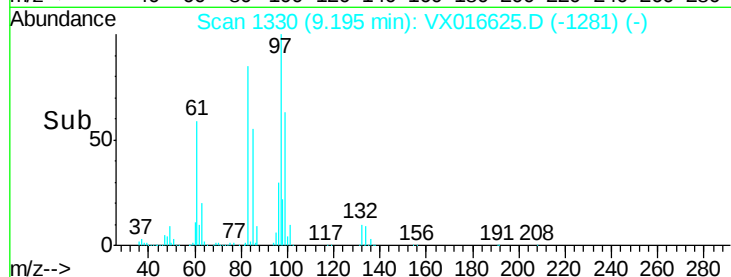
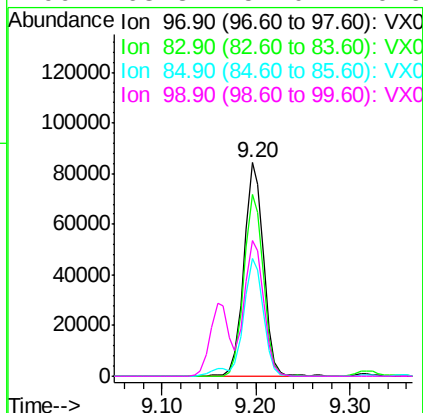
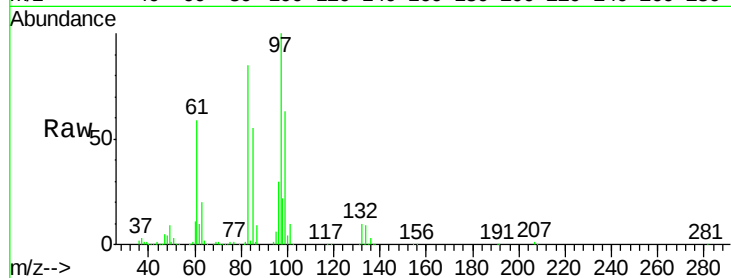




#55
 1,1,2-Trichloroethane
 Concen: 50.56 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

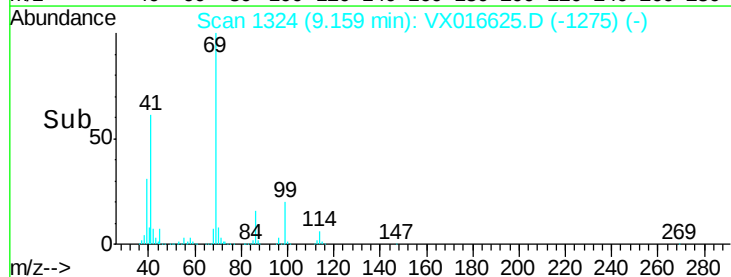
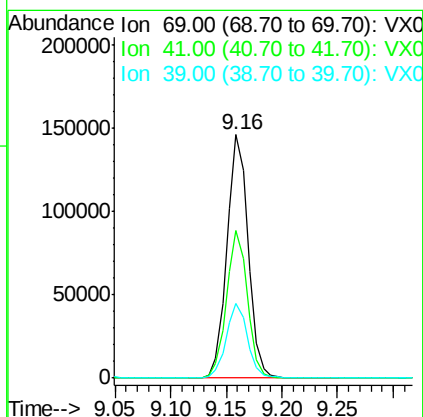
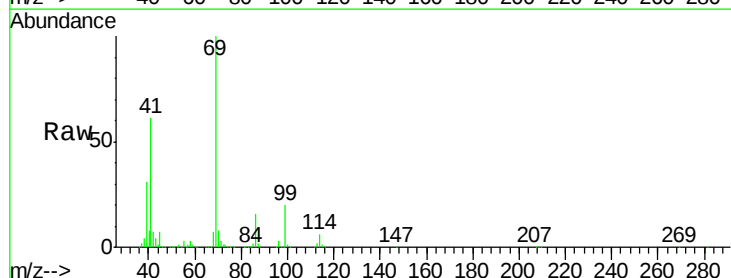
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	122199
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.9	106.3
85	55.2	43.4	65.2
99	63.3	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 48.86 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Tgt Ion:	69	Resp:	192312
Ion	Ratio	Lower	Upper
69	100		
41	60.3	50.7	76.1
39	30.6	25.8	38.6





#57

1,3-Dichloropropane

Concen: 49.46 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

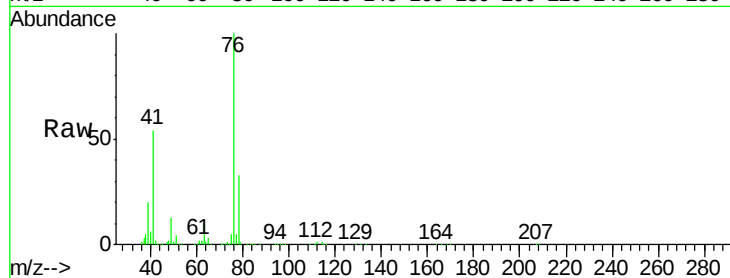
VSTDCCC050EC

Tgt Ion: 76 Resp: 205164

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

150000

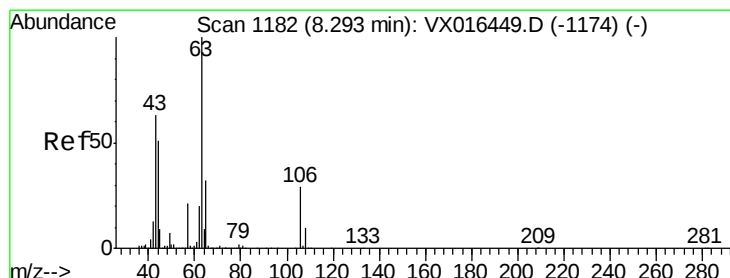
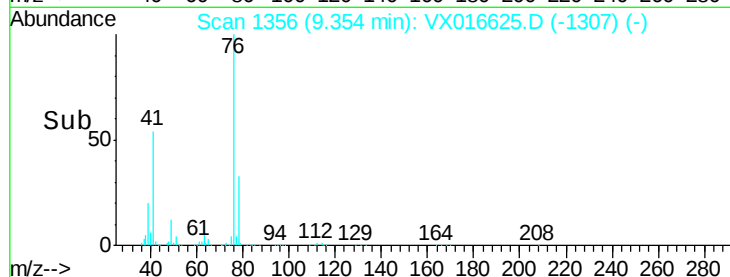
100000

50000

0

Time-->

9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 242.22 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016625.D

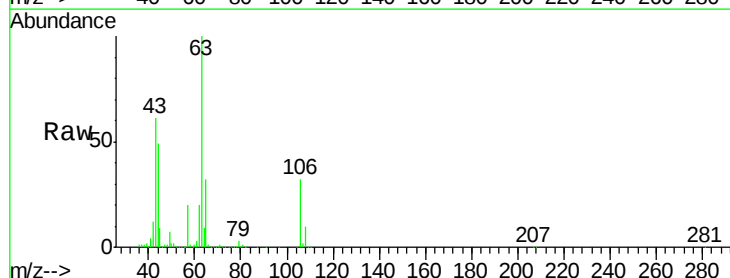
Acq: 05 Jun 2020 20:27

Tgt Ion: 63 Resp: 497651

Ion Ratio Lower Upper

63 100

106 31.4 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

300000

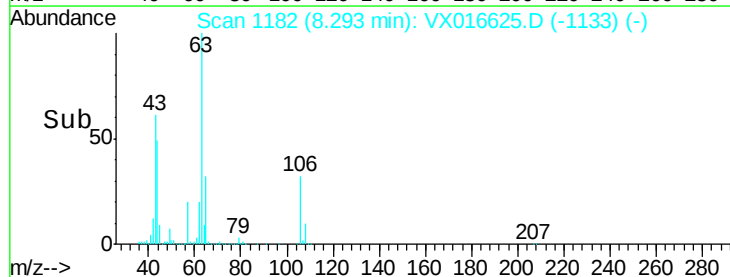
200000

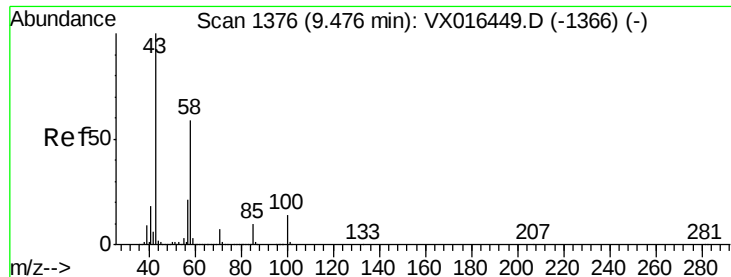
100000

0

Time-->

8.20 8.25 8.30 8.35 8.40

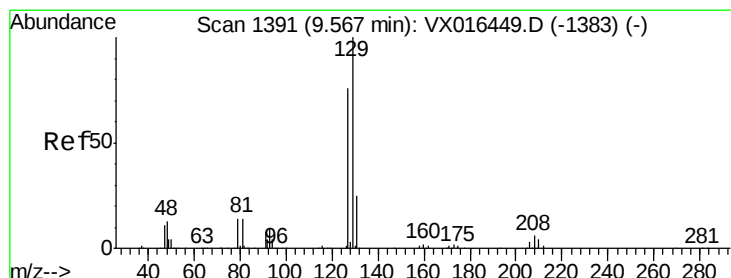
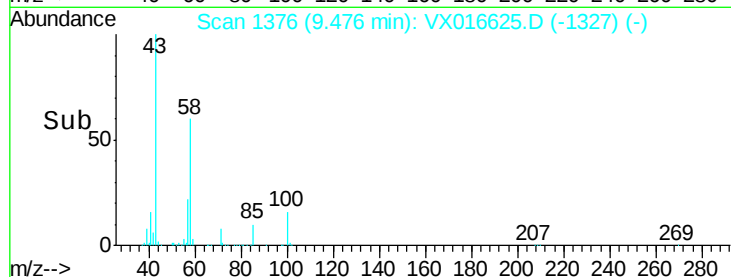
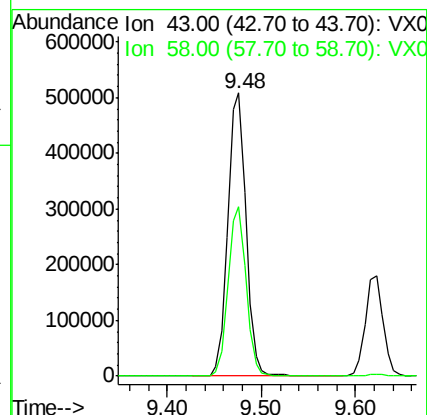
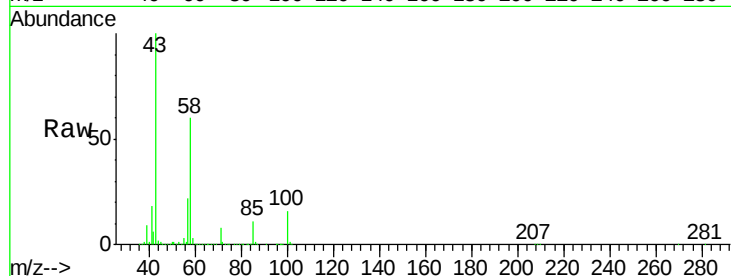




#59
2-Hexanone
Concen: 231.96 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

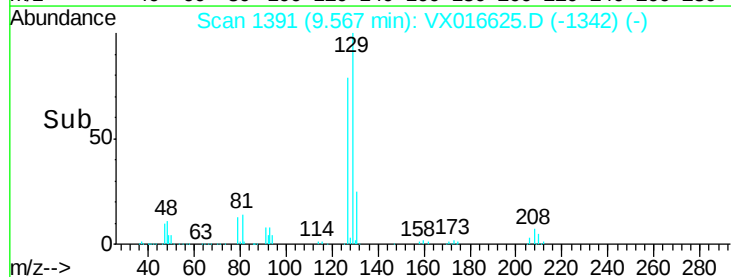
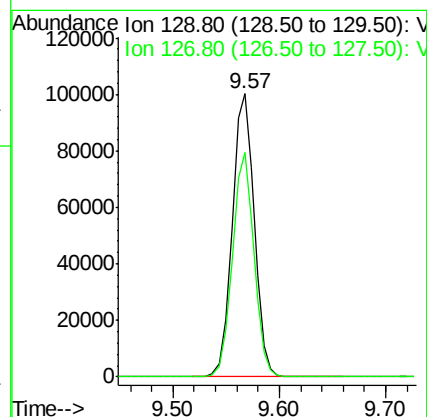
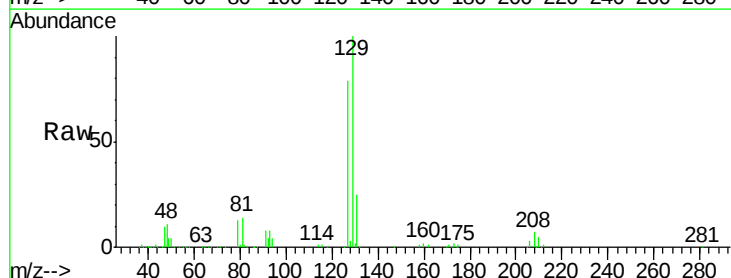
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

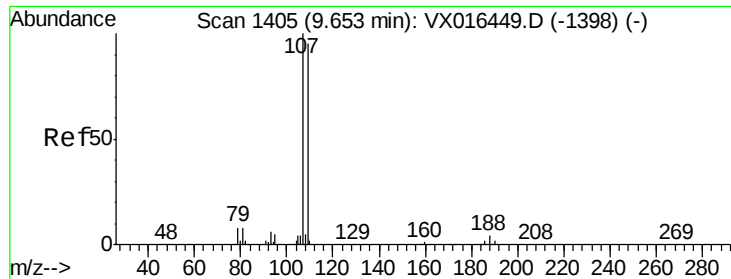
Tgt Ion: 43 Resp: 680878
Ion Ratio Lower Upper
43 100
58 59.2 28.8 86.4



#60
Dibromochloromethane
Concen: 53.53 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion: 129 Resp: 145592
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.21 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

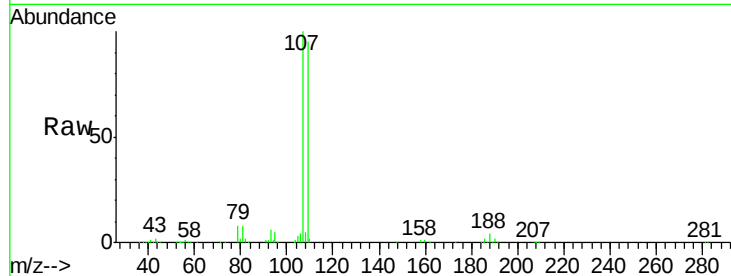
VSTDCCC050EC

Tgt Ion: 107 Resp: 132532

Ion Ratio Lower Upper

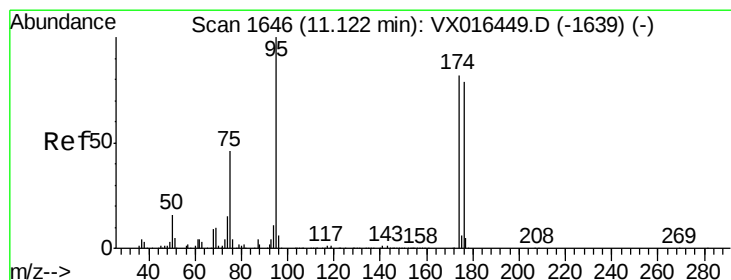
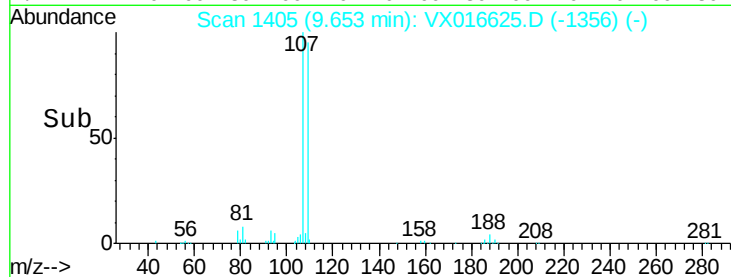
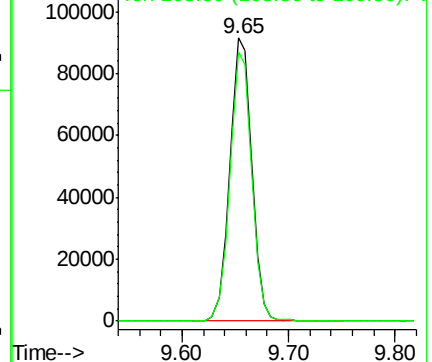
107 100

109 94.2 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.64 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

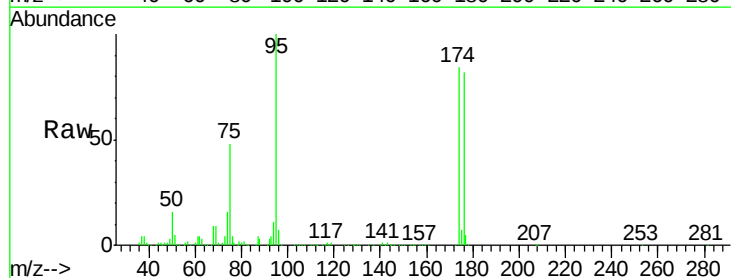
Tgt Ion: 95 Resp: 160342

Ion Ratio Lower Upper

95 100

174 84.1 0.0 163.0

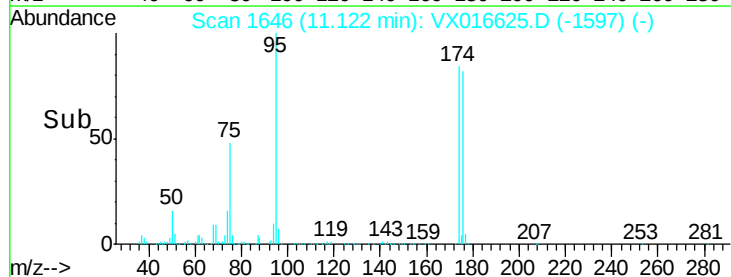
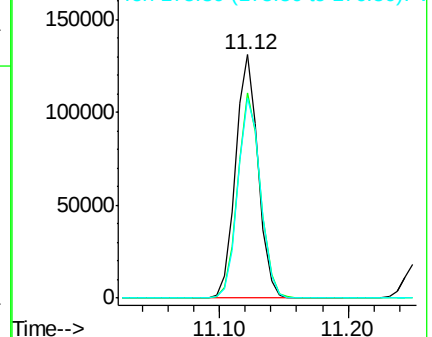
176 83.0 0.0 156.8

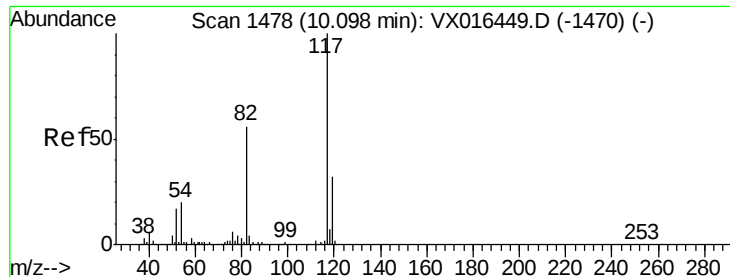


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

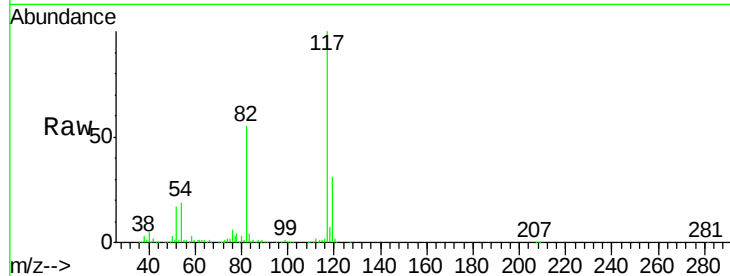




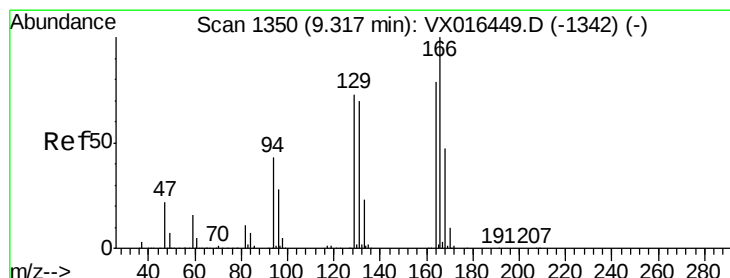
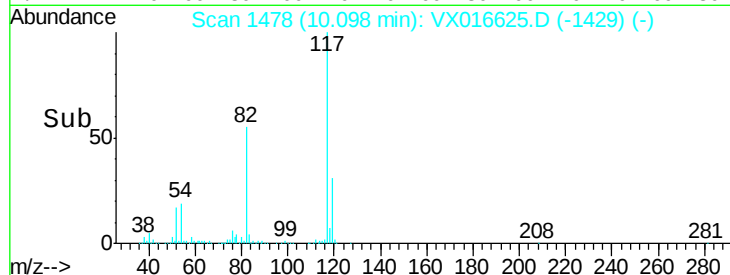
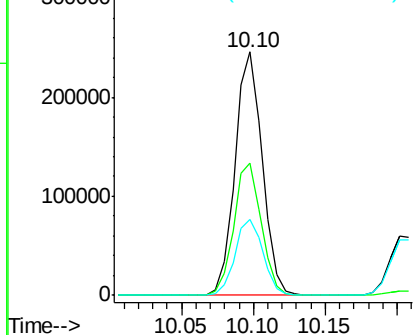
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 324998
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.6
119 31.0 25.8 38.8

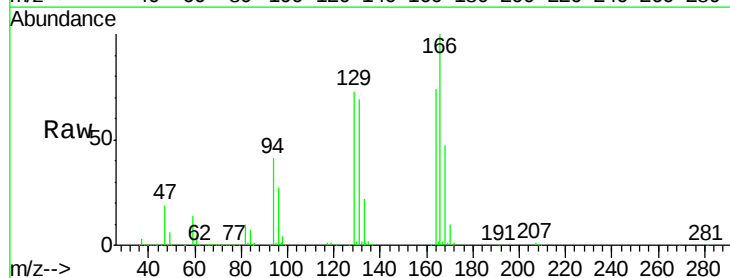


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

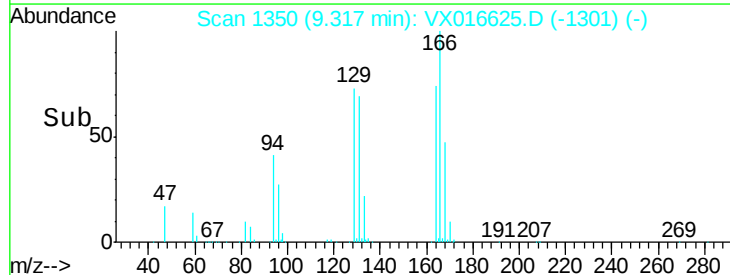
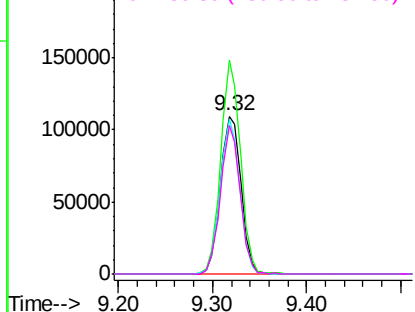


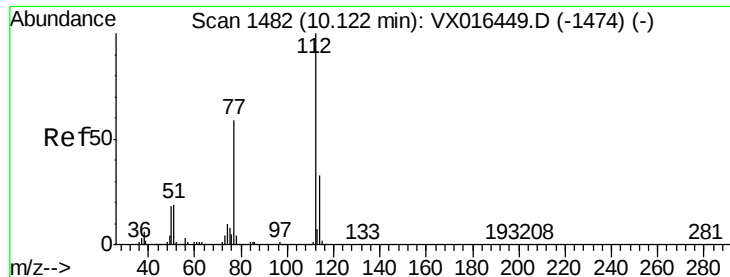
#64
Tetrachloroethene
Concen: 45.88 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion:164 Resp: 166806
Ion Ratio Lower Upper
164 100
166 135.3 100.9 151.3
129 98.1 73.2 109.8
131 93.8 70.8 106.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 49.65 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

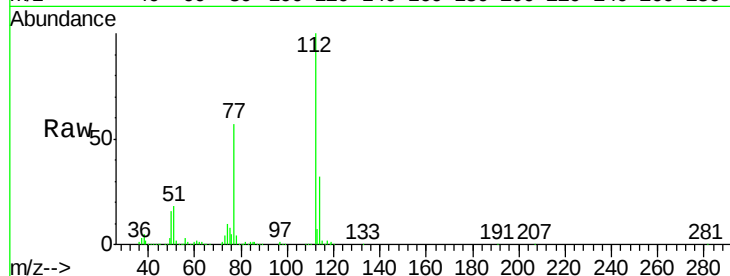
VSTDCCC050EC

Tgt Ion:112 Resp: 328940

Ion Ratio Lower Upper

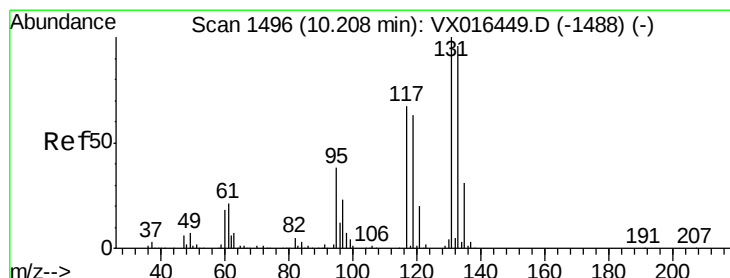
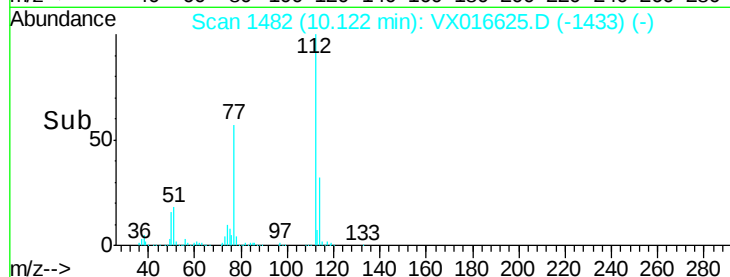
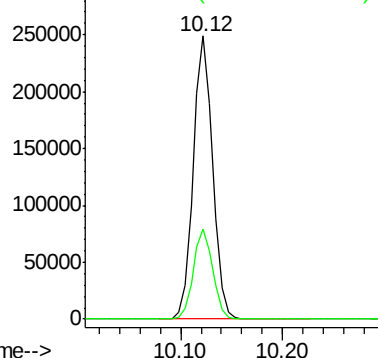
112 100

114 31.7 26.0 39.0



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: 51.69 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

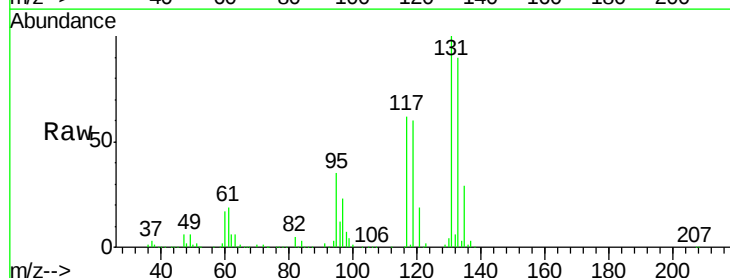
Tgt Ion:131 Resp: 130746

Ion Ratio Lower Upper

131 100

133 94.4 48.4 145.3

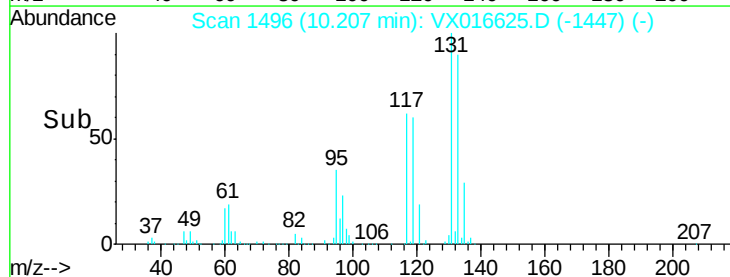
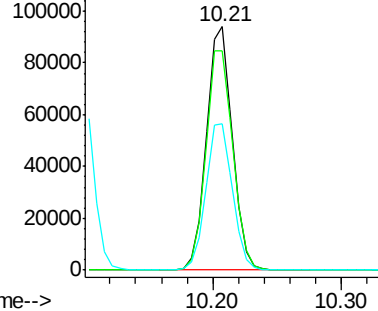
119 61.9 32.0 96.2

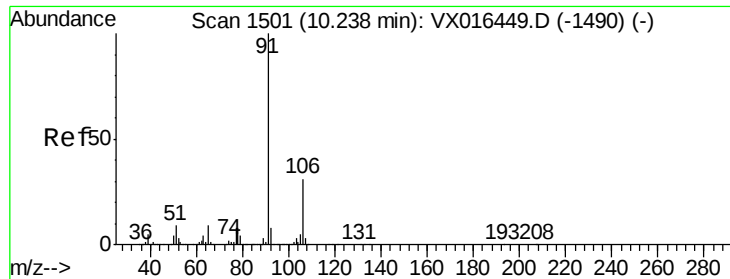


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

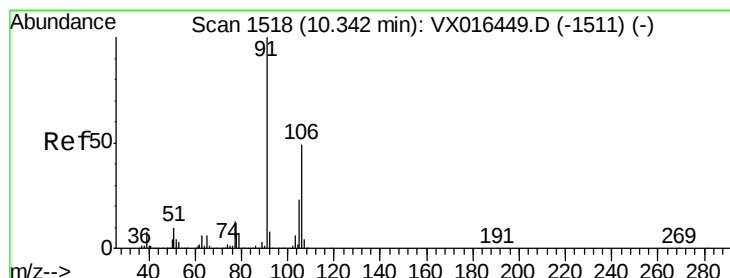
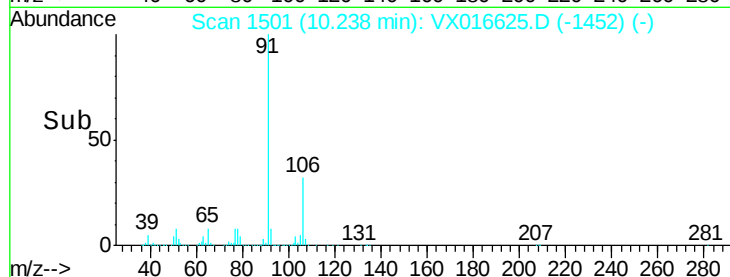
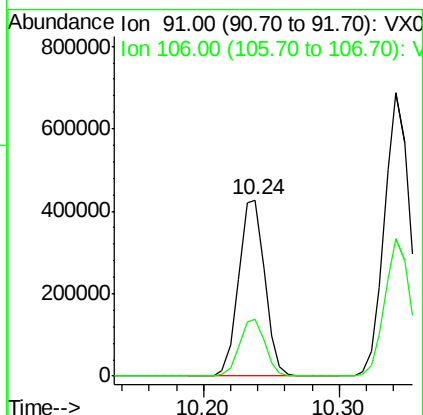
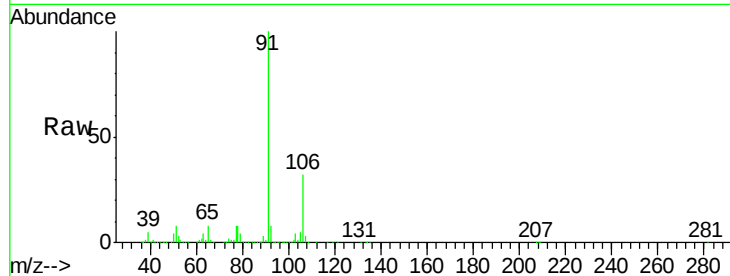




#67
Ethyl Benzene
Concen: 48.46 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

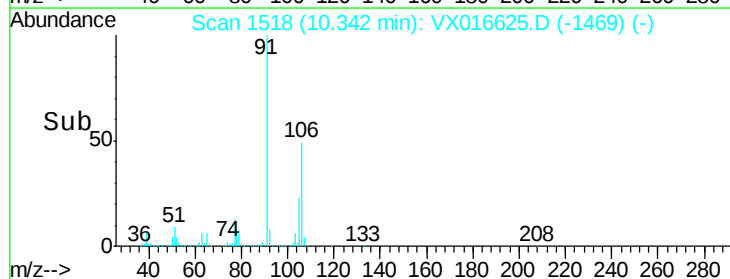
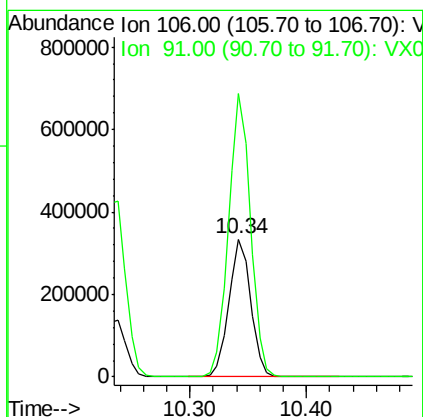
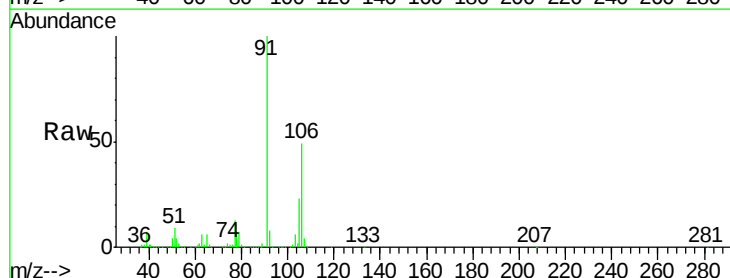
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

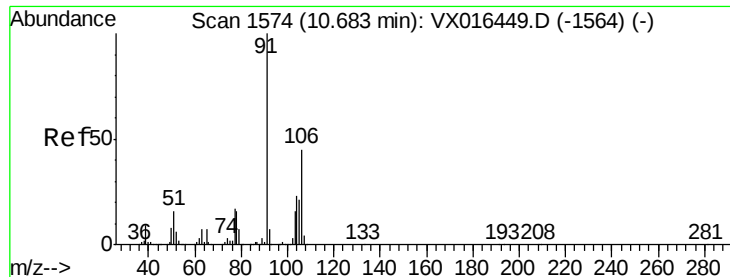
Tgt Ion: 91 Resp: 571681
Ion Ratio Lower Upper
91 100
106 32.3 25.0 37.4



#68
m/p-Xylenes
Concen: 100.02 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion: 106 Resp: 437471
Ion Ratio Lower Upper
106 100
91 205.3 163.8 245.8

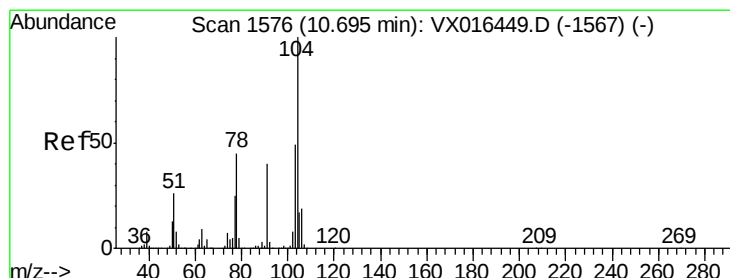
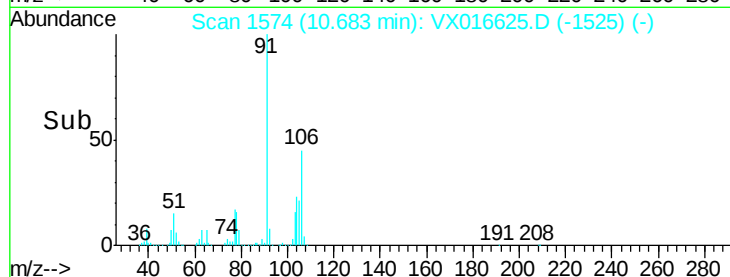
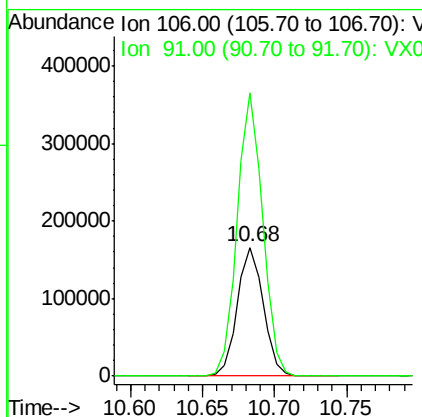
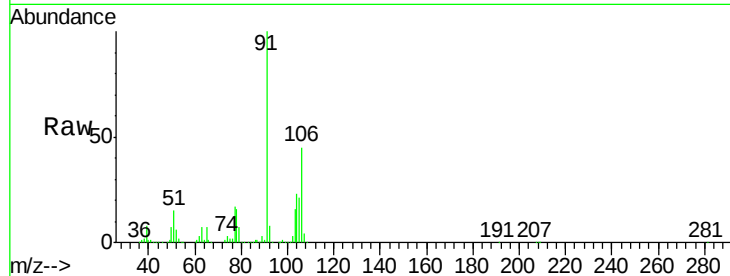




#69
o-Xylene
Concen: 49.36 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

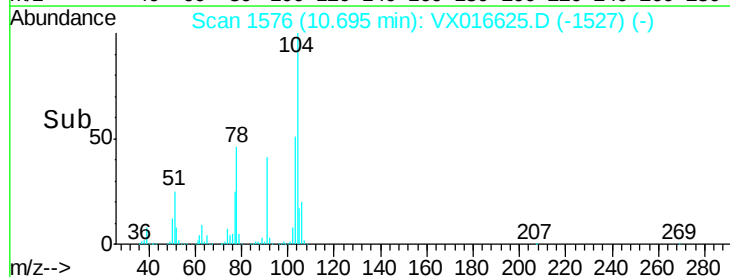
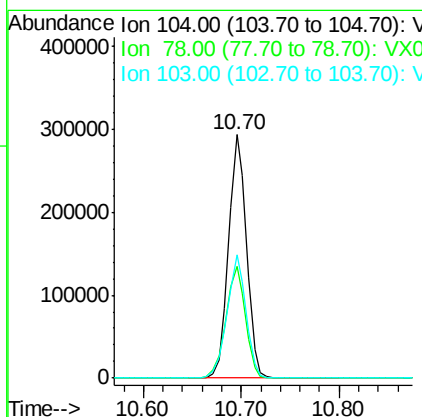
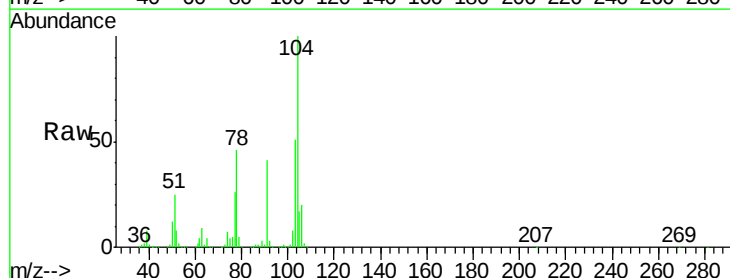
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

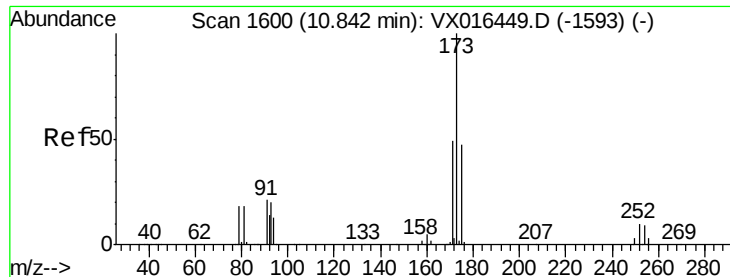
Tgt Ion:106 Resp: 209078
Ion Ratio Lower Upper
106 100
91 215.8 109.6 328.8



#70
Styrene
Concen: 51.38 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion:104 Resp: 374097
Ion Ratio Lower Upper
104 100
78 49.9 40.2 60.2
103 53.4 43.1 64.7

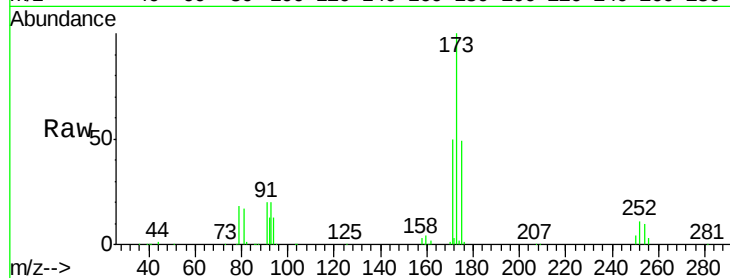




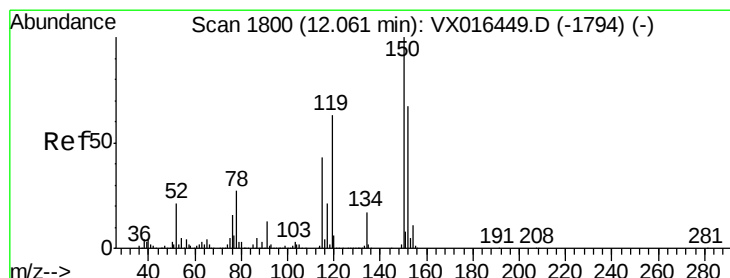
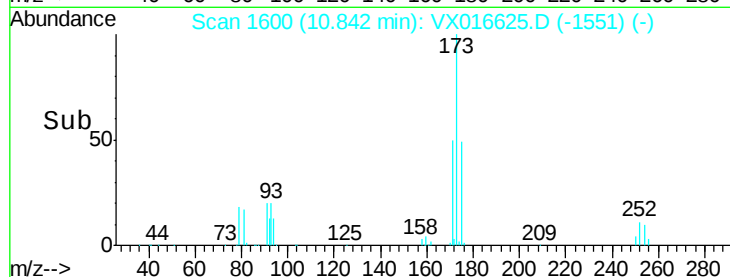
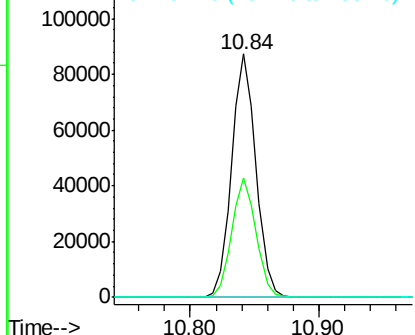
#71
Bromoform
Concen: 53.79 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 114986
Ion Ratio Lower Upper
173 100
175 48.9 23.9 71.7
254 0.0 0.1 0.1#

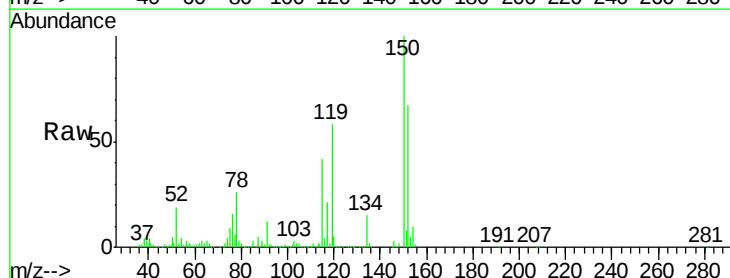


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

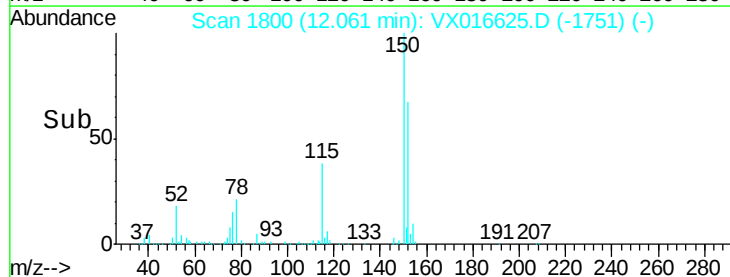
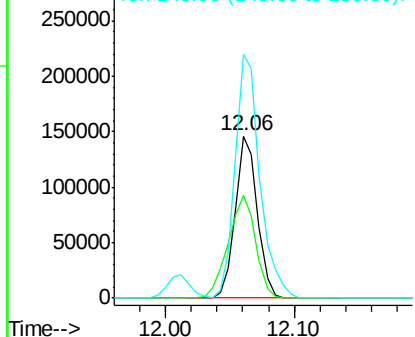


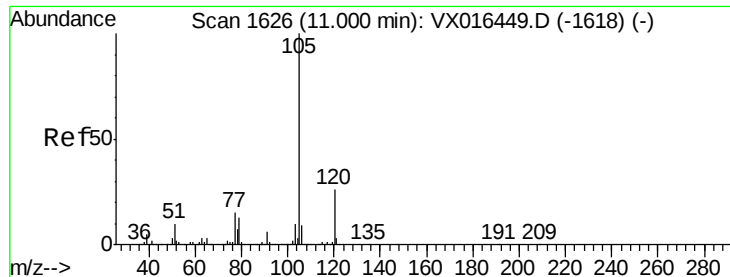
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion:152 Resp: 174055
Ion Ratio Lower Upper
152 100
115 78.3 39.9 119.6
150 169.1 0.0 341.0



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





#73

Isopropylbenzene

Concen: 46.24 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

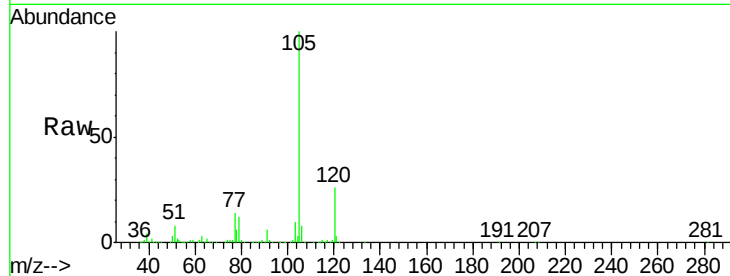
VSTDCCC050EC

Tgt Ion: 105 Resp: 557621

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

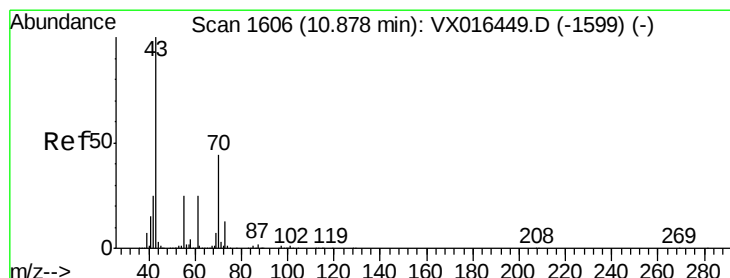
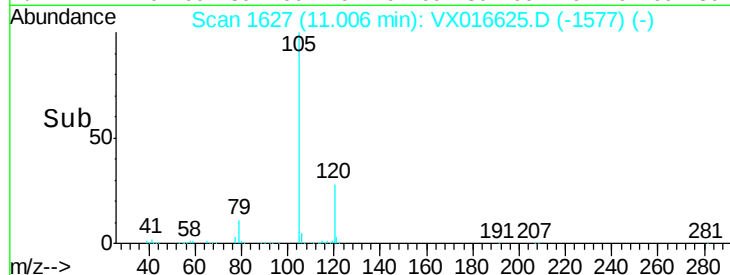
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 41.44 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Tgt Ion: 43 Resp: 229887

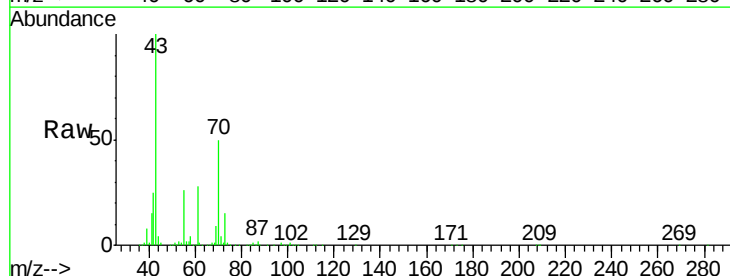
Ion Ratio Lower Upper

43 100

70 48.7 36.1 54.1

55 26.5 20.2 30.4

61 26.7 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.88

200000

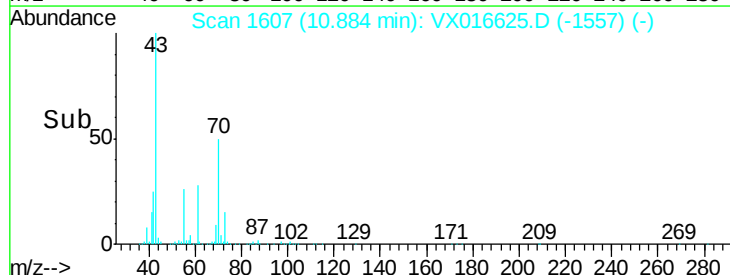
150000

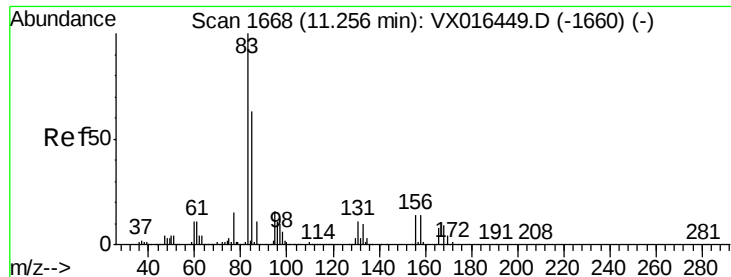
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 51.03 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

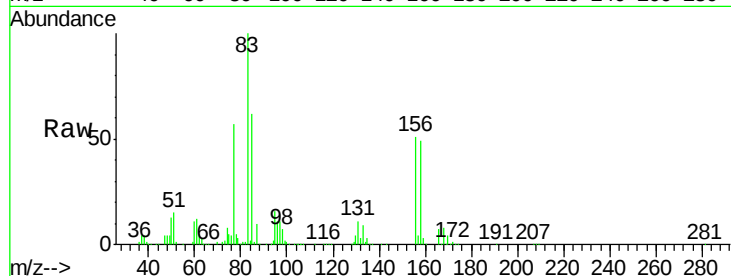
Tgt Ion: 83 Resp: 154237

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.3

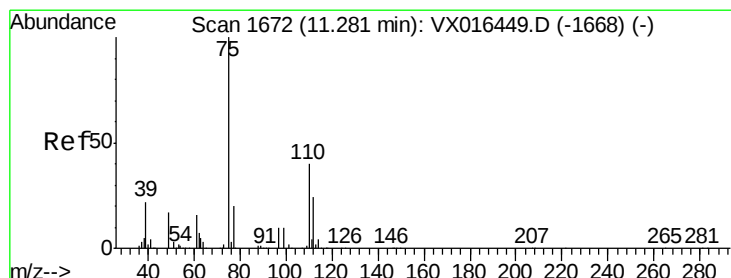
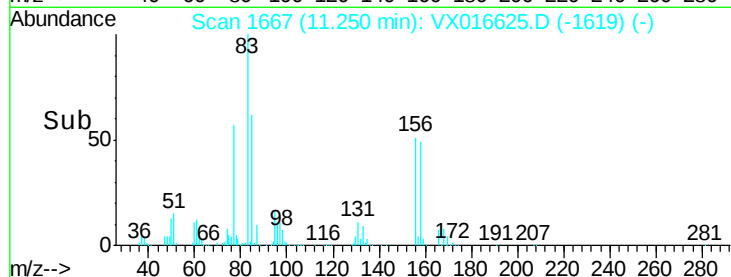
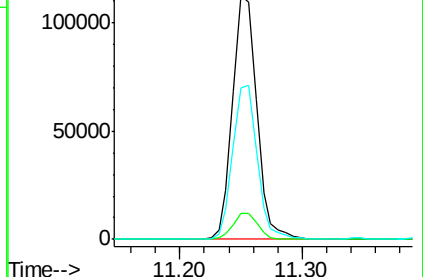
85 63.8 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.42 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016625.D

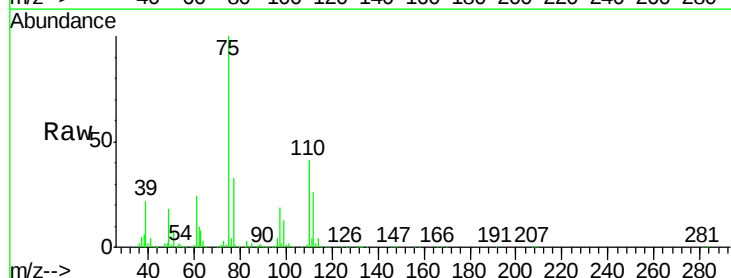
Acq: 05 Jun 2020 20:27

Tgt Ion: 75 Resp: 231175

Ion Ratio Lower Upper

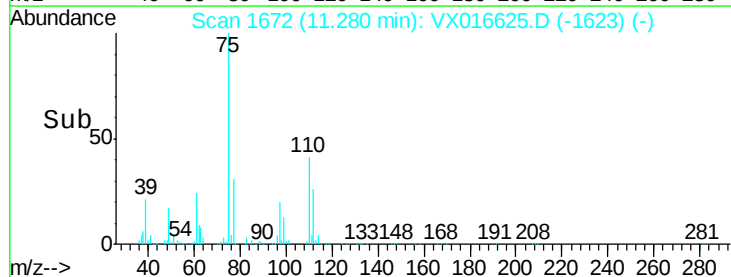
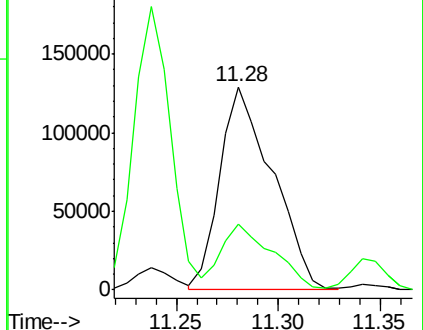
75 100

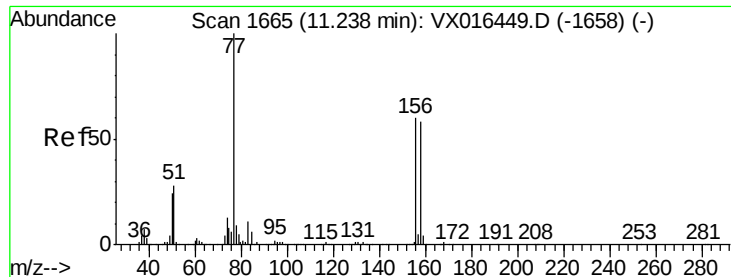
77 31.8 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.74 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

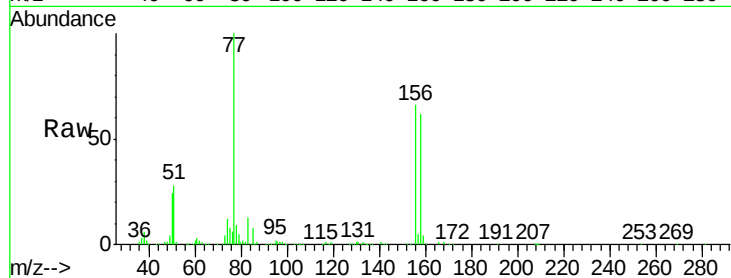
Tgt Ion:156 Resp: 151017

Ion Ratio Lower Upper

156 100

77 150.2 79.6 238.8

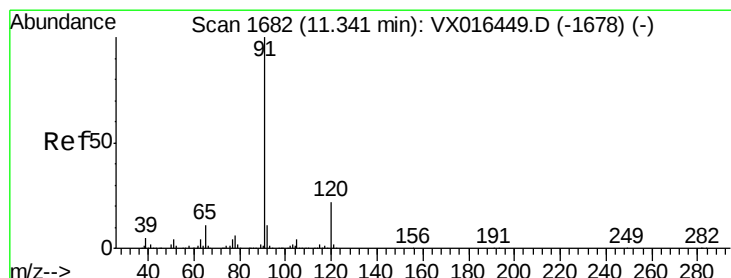
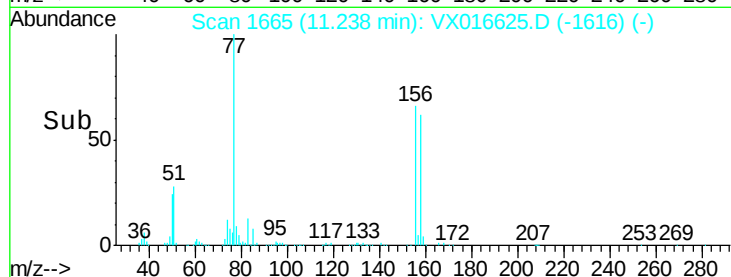
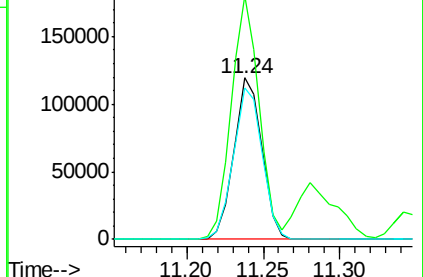
158 96.6 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.39 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016625.D

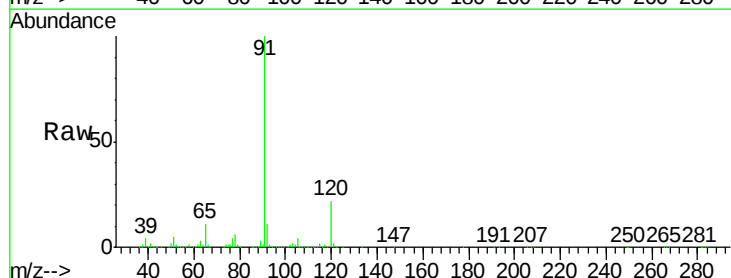
Acq: 05 Jun 2020 20:27

Tgt Ion: 91 Resp: 625036

Ion Ratio Lower Upper

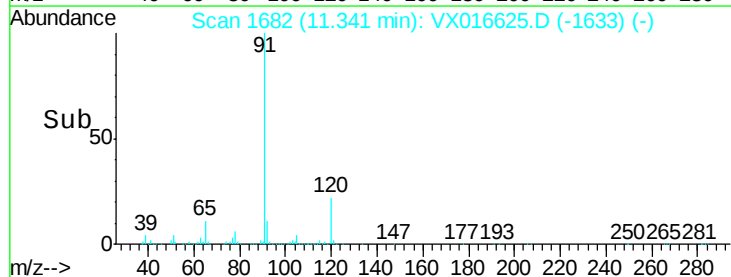
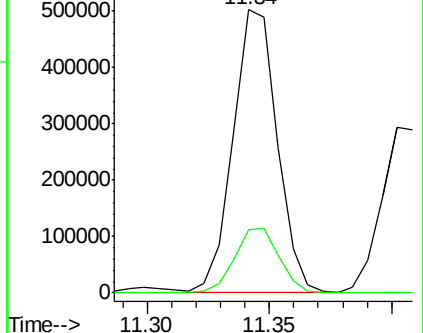
91 100

120 23.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.54 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

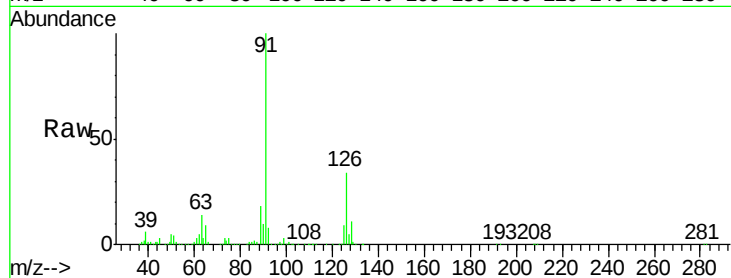
VSTDCCC050EC

Tgt Ion: 91 Resp: 382730

Ion Ratio Lower Upper

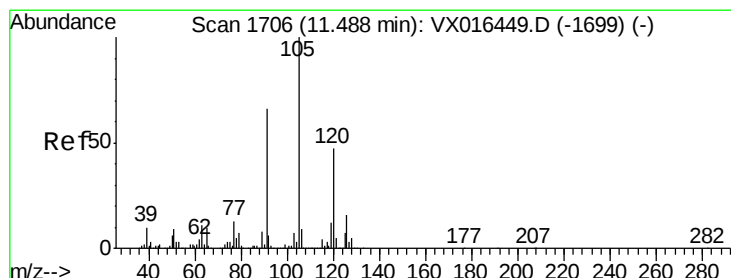
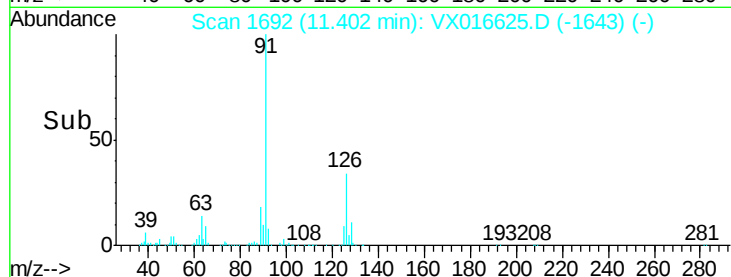
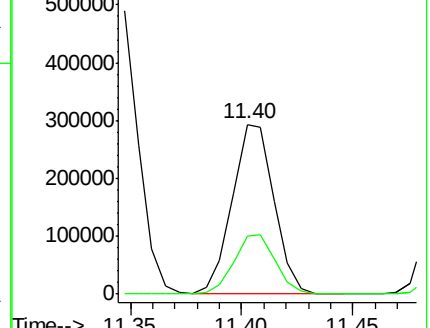
91 100

126 34.6 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016449.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.81 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016625.D

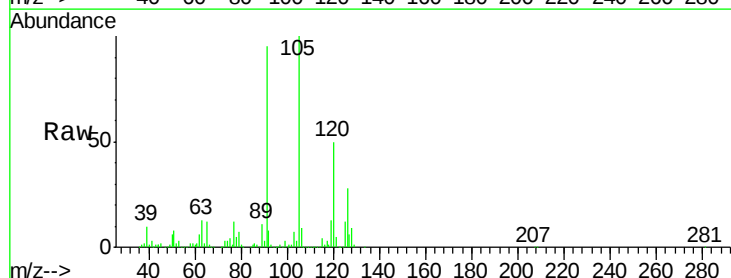
Acq: 05 Jun 2020 20:27

Tgt Ion: 105 Resp: 481405

Ion Ratio Lower Upper

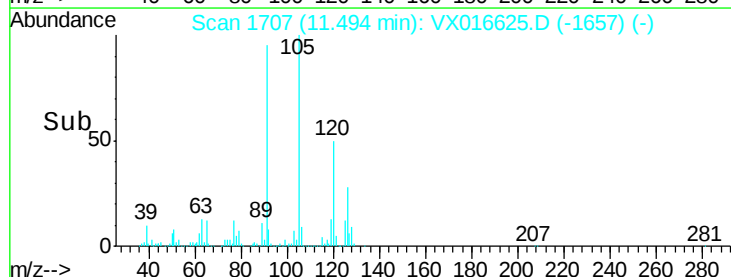
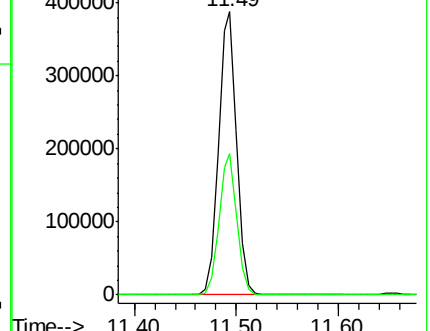
105 100

120 49.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX016449.D (-1699) (-)

Ion 120.00 (119.70 to 120.70): VX016449.D (-1699) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 42.98 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

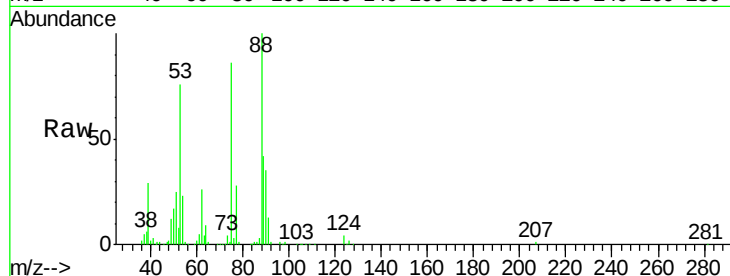
Tgt Ion: 75 Resp: 66853

Ion Ratio Lower Upper

75 100

53 89.1 71.3 106.9

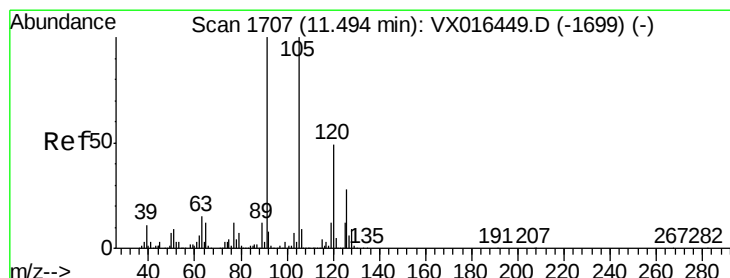
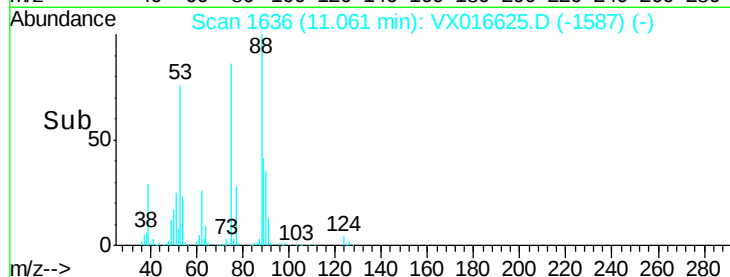
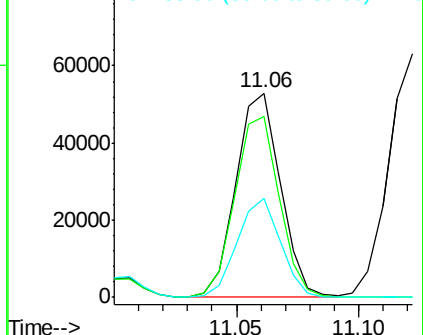
89 47.5 36.6 55.0



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: 47.11 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016625.D

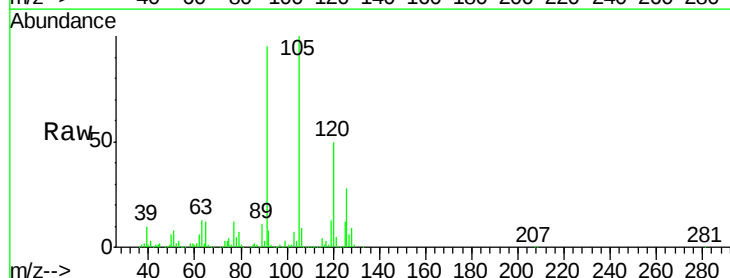
Acq: 05 Jun 2020 20:27

Tgt Ion: 91 Resp: 457482

Ion Ratio Lower Upper

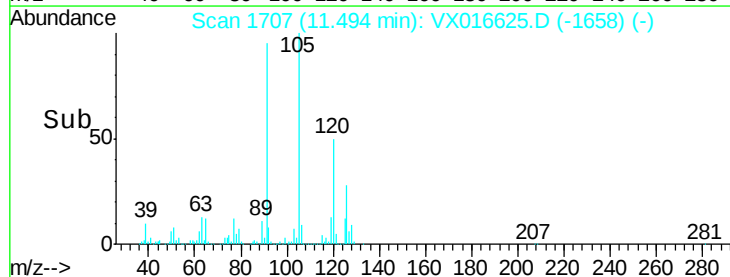
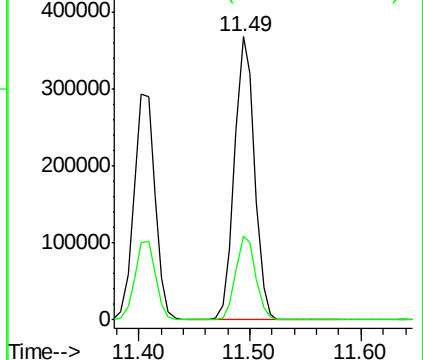
91 100

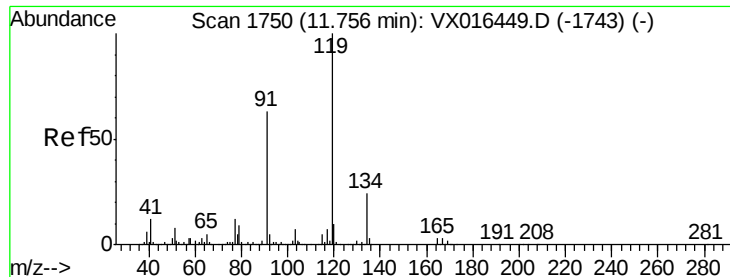
126 29.6 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

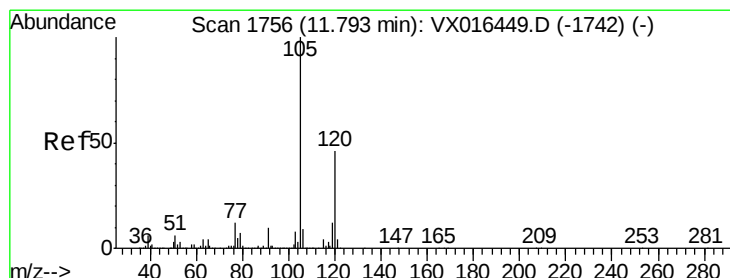
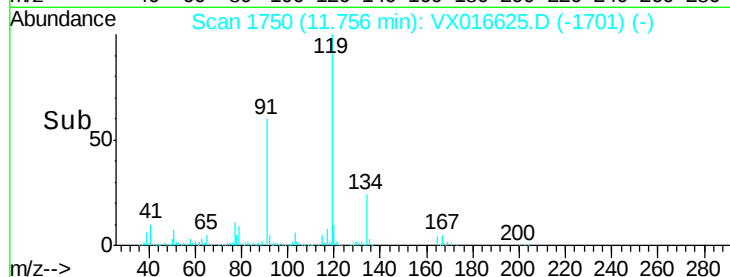
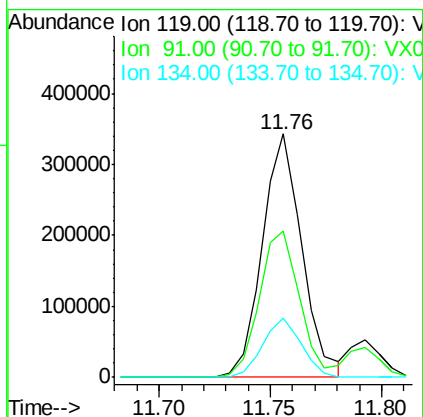
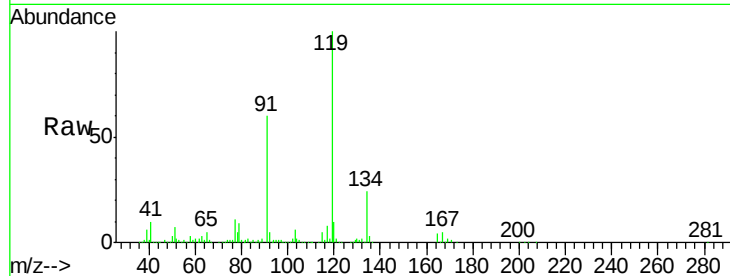




#83
 tert-Butylbenzene
 Concen: 49.20 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

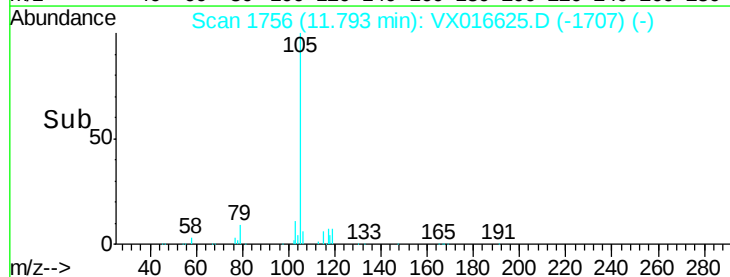
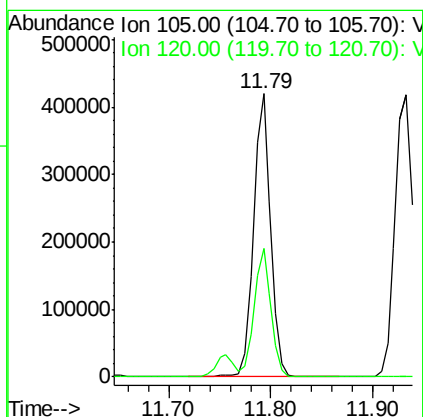
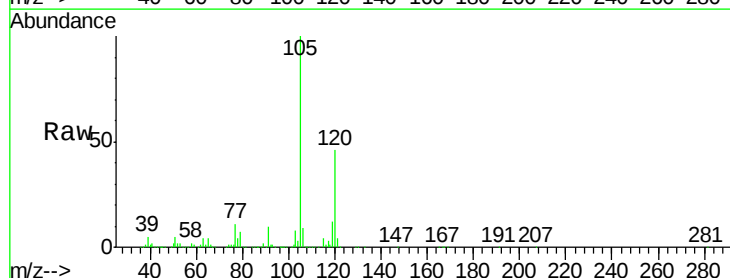
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

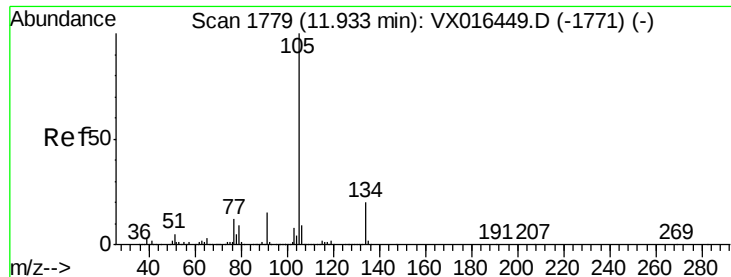
Tgt Ion:119 Resp: 423326
 Ion Ratio Lower Upper
 119 100
 91 60.6 31.3 93.8
 134 23.7 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 48.25 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Tgt Ion:105 Resp: 491376
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.6 67.7

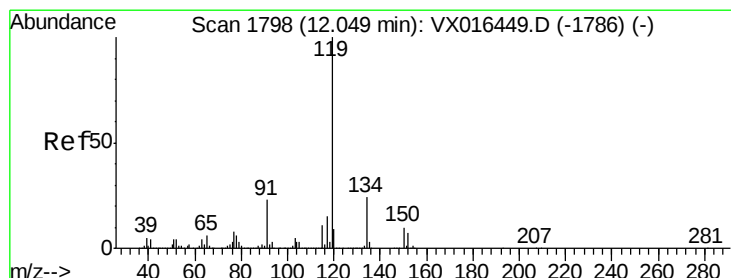
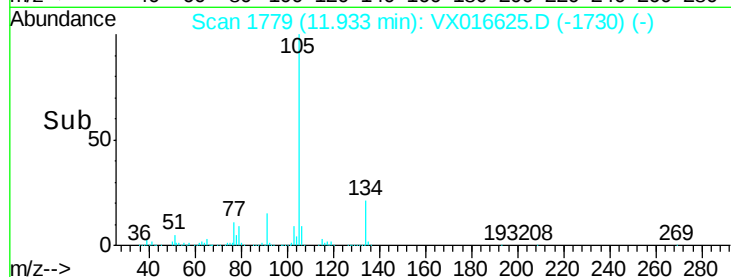
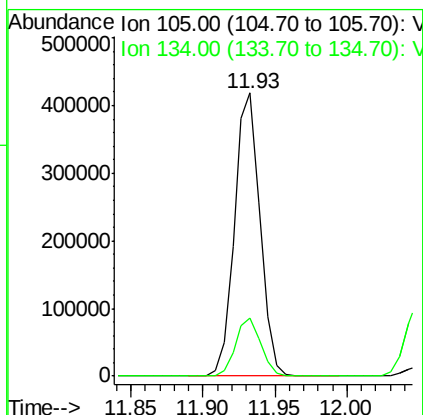
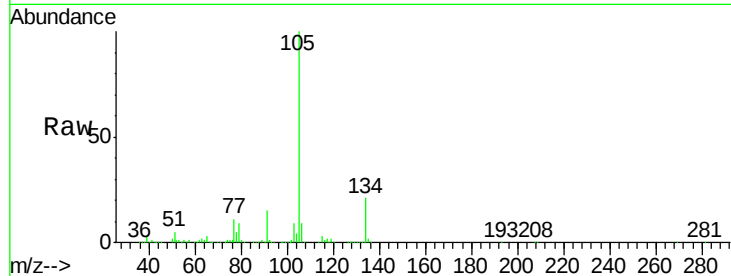




#85
 sec-Butylbenzene
 Concen: 47.87 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

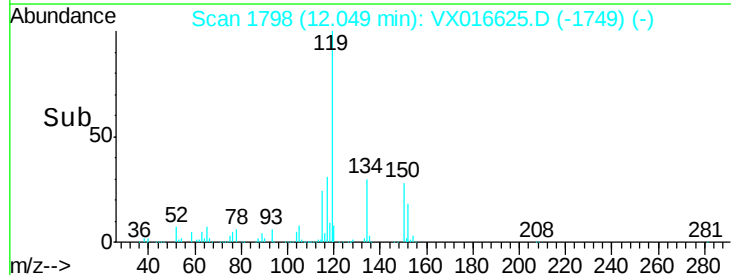
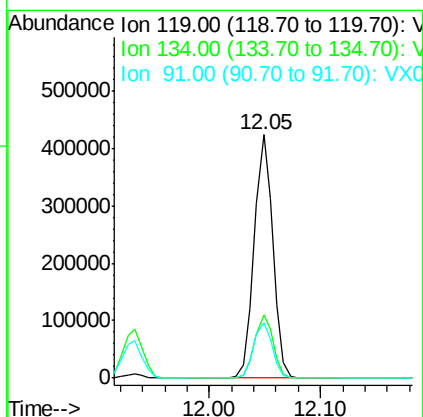
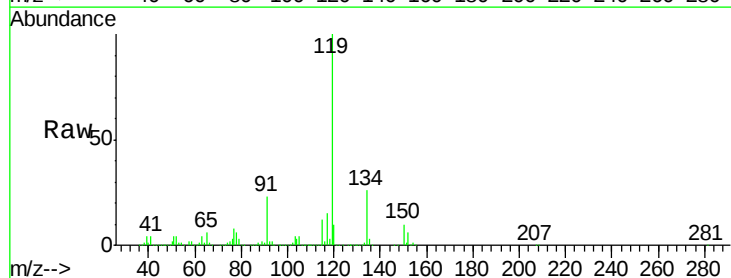
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

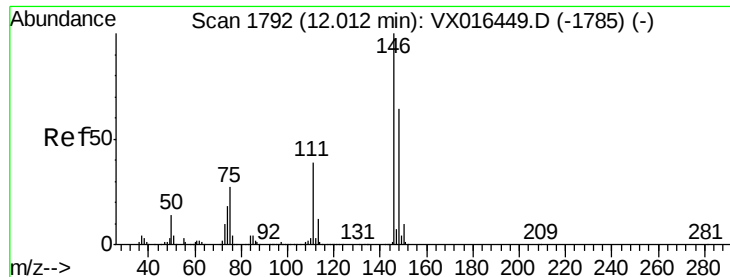
Tgt Ion:105 Resp: 516680
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 48.92 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Tgt Ion:119 Resp: 494624
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.7 38.0
 91 23.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 47.98 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

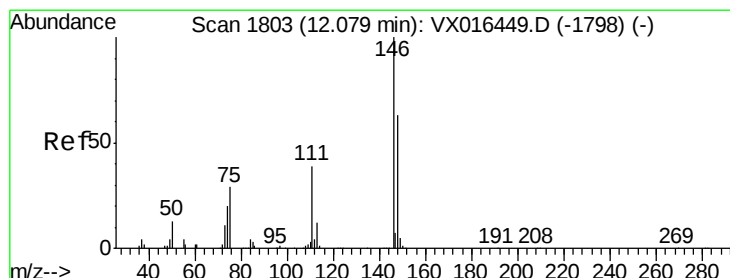
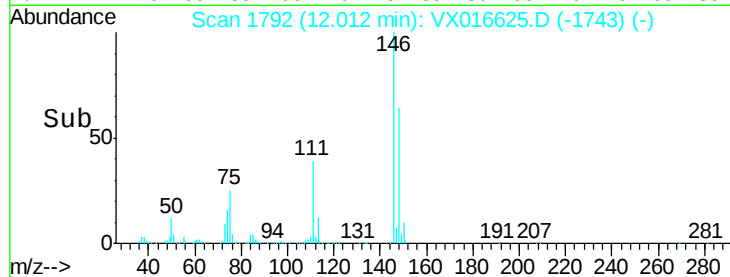
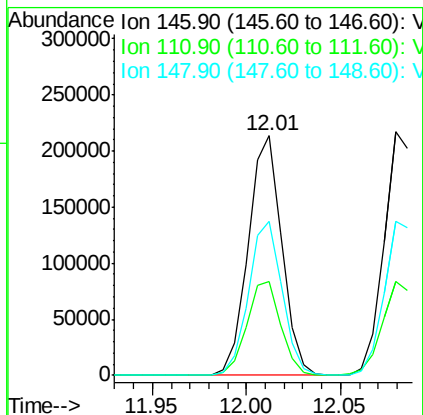
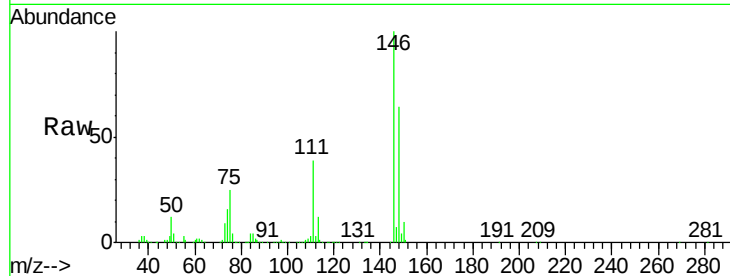
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	262947
Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	64.4	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 47.19 ug/l

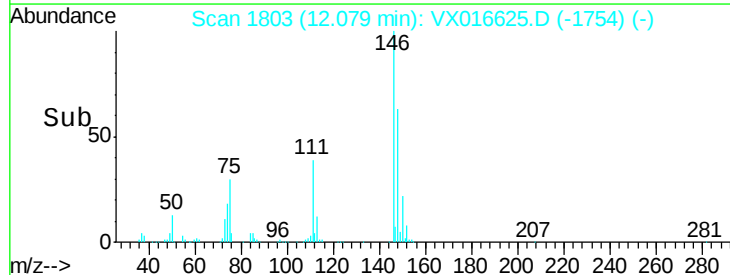
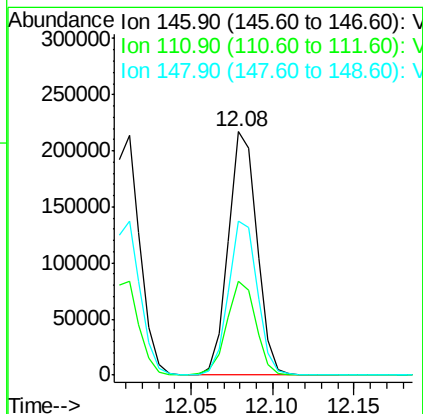
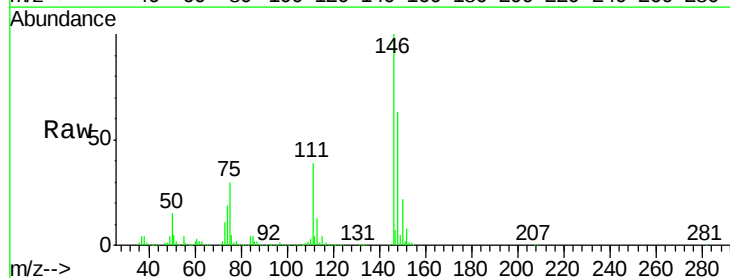
RT: 12.08 min Scan# 1803

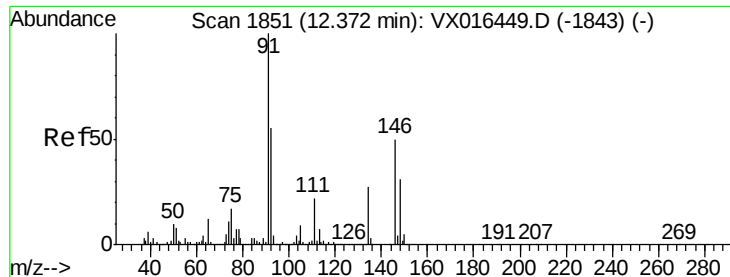
Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Tgt Ion:	146	Resp:	264494
Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.4	58.2
148	64.2	31.4	94.3





#89

n-Butylbenzene

Concen: 48.20 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

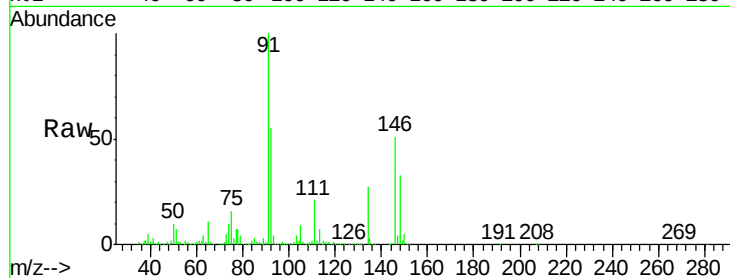
Tgt Ion: 91 Resp: 405936

Ion Ratio Lower Upper

91 100

92 55.2 27.2 81.5

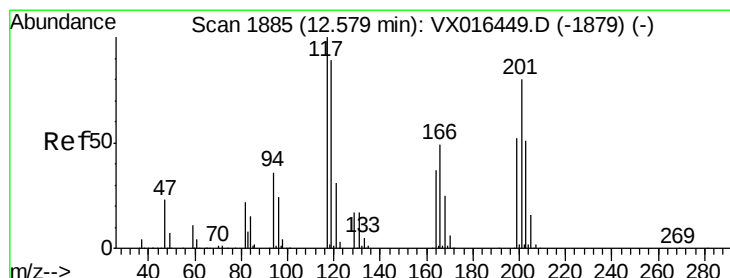
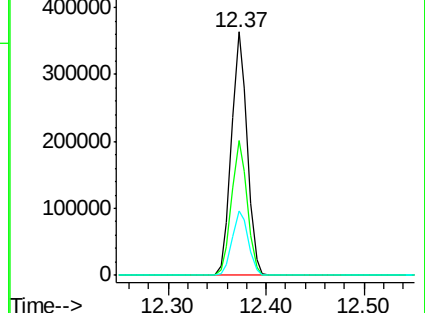
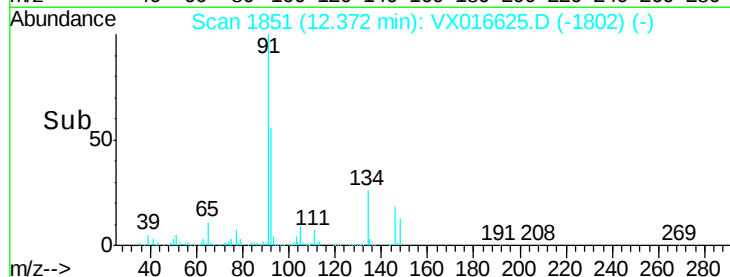
134 27.2 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX016625.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX016625.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX016625.D (-1802) (-)



#90

Hexachloroethane

Concen: 49.63 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016625.D

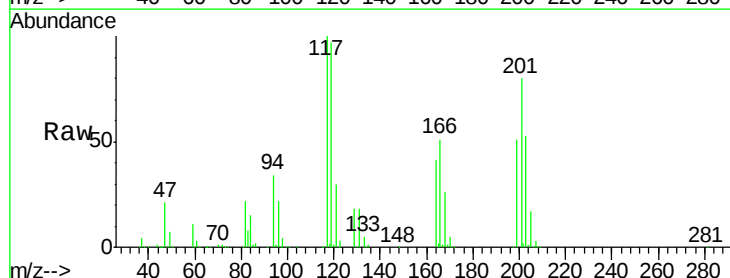
Acq: 05 Jun 2020 20:27

Tgt Ion: 117 Resp: 86683

Ion Ratio Lower Upper

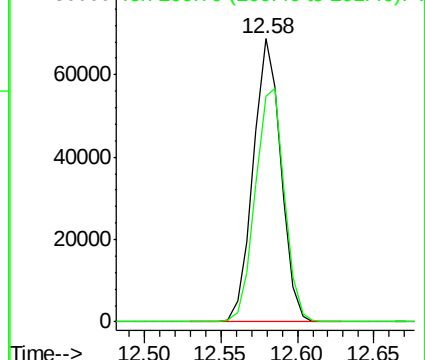
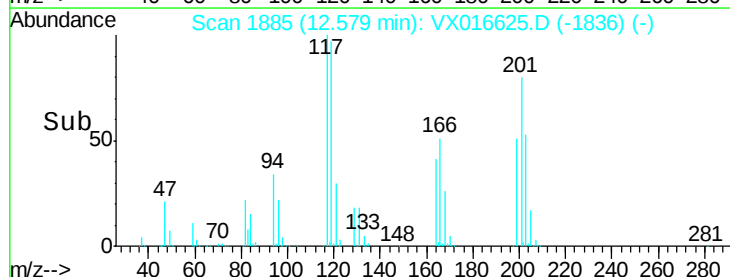
117 100

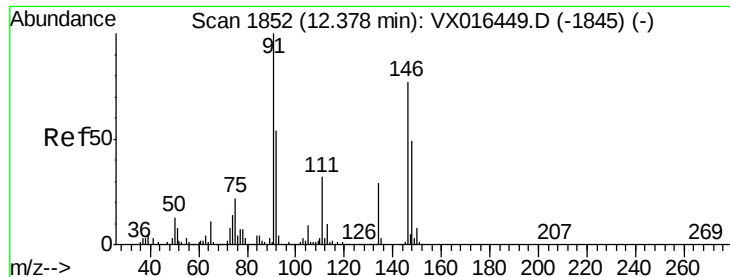
201 86.6 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): VX016625.D (-1836) (-)

Ion 200.70 (200.40 to 201.40): VX016625.D (-1836) (-)

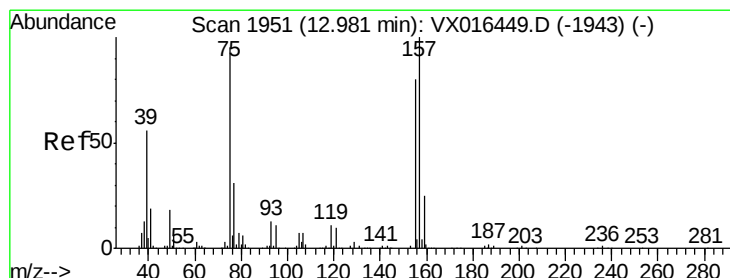
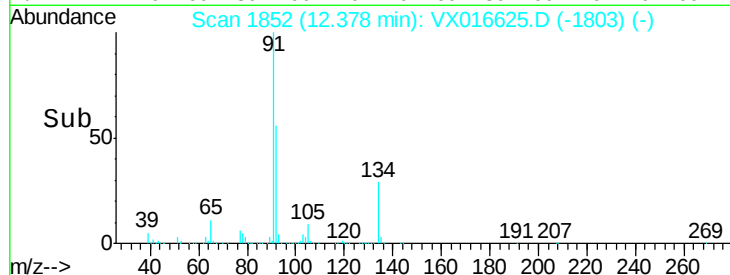
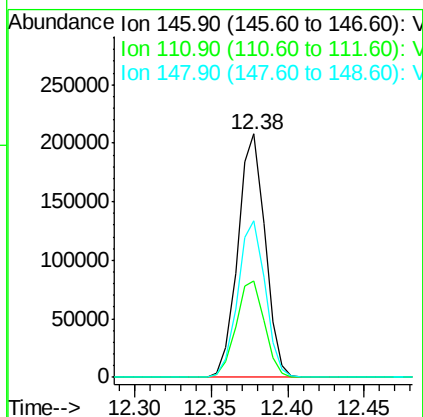
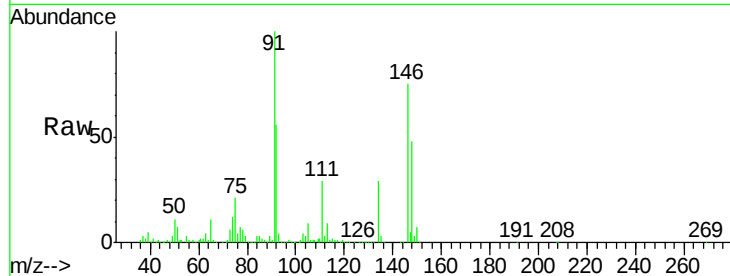




#91
 1,2-Dichlorobenzene
 Concen: 48.44 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

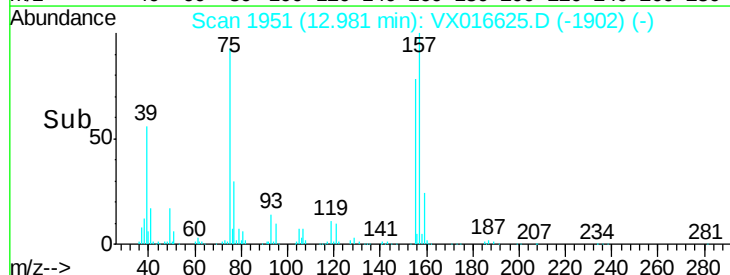
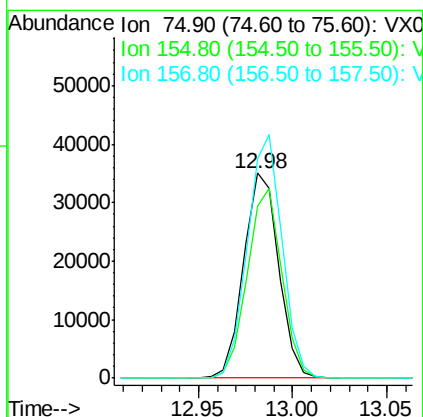
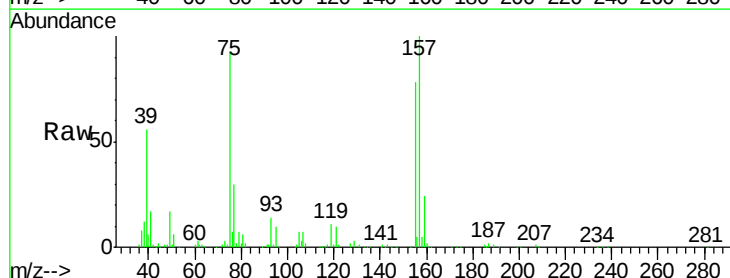
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

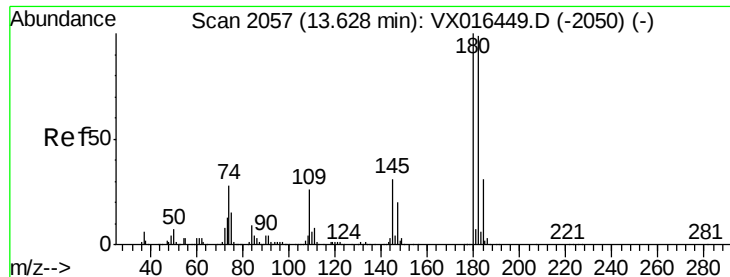
Tgt Ion: 146 Resp: 257190
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.4 64.3
 148 64.6 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.00 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Tgt Ion: 75 Resp: 45038
 Ion Ratio Lower Upper
 75 100
 155 91.4 44.1 132.4
 157 117.6 57.8 173.3

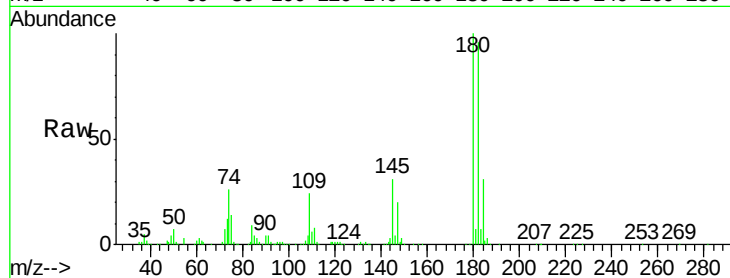




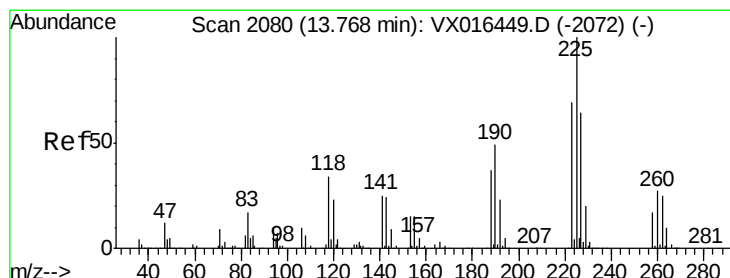
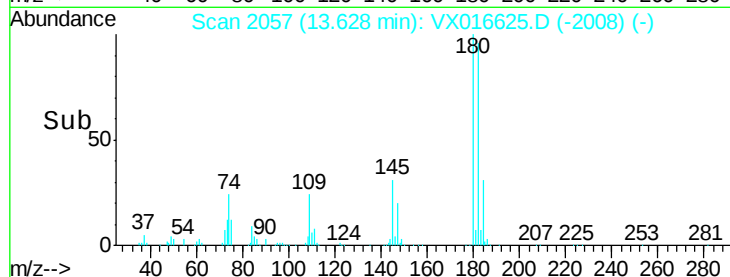
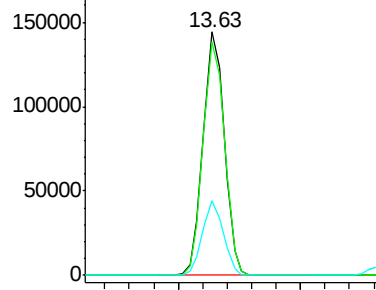
#93
 1,2,4-Trichlorobenzene
 Concen: 48.92 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	48.3	144.8
145	30.3	15.4	46.2

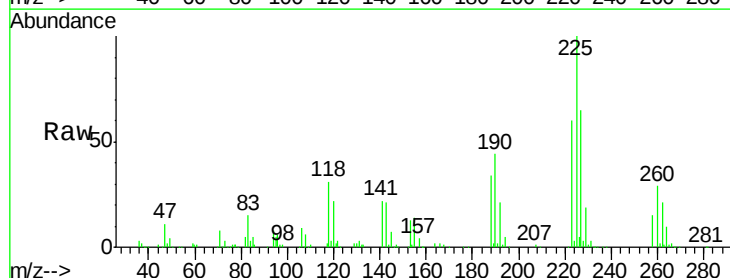


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

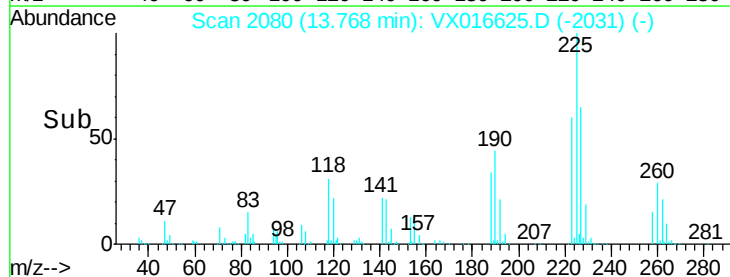
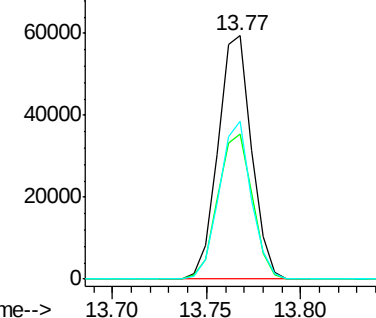


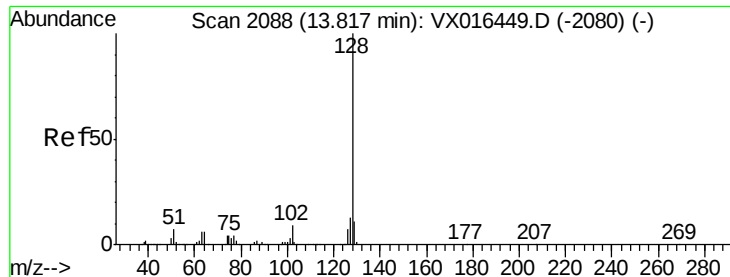
#94
 Hexachlorobutadiene
 Concen: 53.10 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	32.3	96.8
227	62.3	31.6	94.7



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





#95

Naphthalene

Concen: 47.91 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

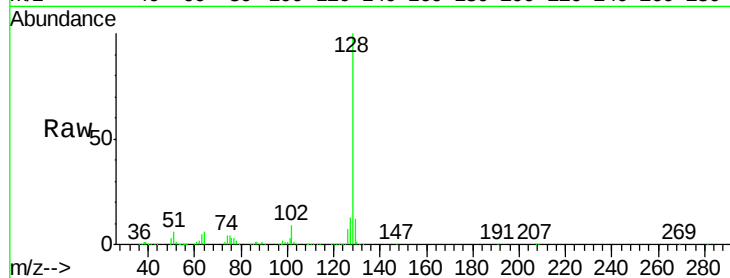
Tgt Ion:128 Resp: 579129

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

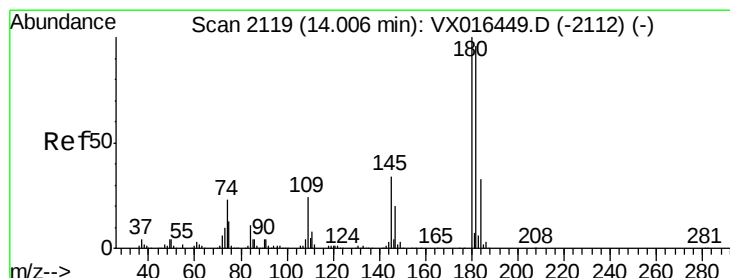
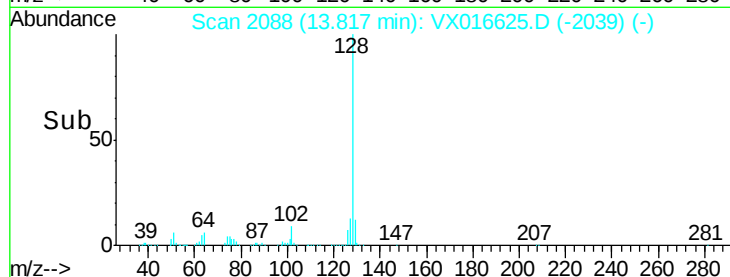
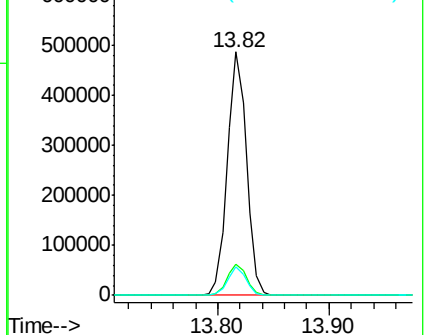
129 11.1 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 50.55 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

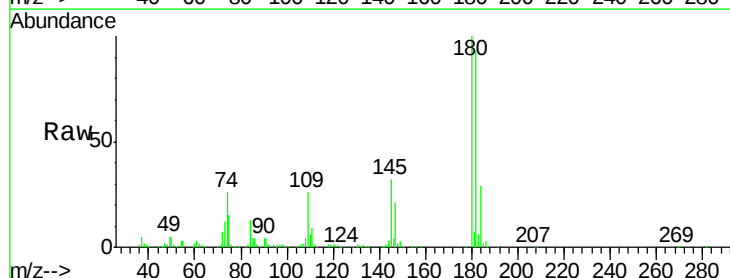
Tgt Ion:180 Resp: 174620

Ion Ratio Lower Upper

180 100

182 94.1 48.6 145.8

145 31.9 16.6 49.8



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

