

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016836.D
 Acq On : 17 Jun 2020 22:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 18 00:51:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	266422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	400241	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	438178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205372	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	161775	53.98	ug/l	0.00
Spiked Amount			Recovery	=	107.96%	
35) Dibromofluoromethane	5.46	113	116343	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	
50) Toluene-d8	8.70	98	445402	48.92	ug/l	0.00
Spiked Amount			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	11.12	95	171788	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	161015	53.485	ug/l	99
3) Chloromethane	1.31	50	158169	54.385	ug/l	99
4) Vinyl Chloride	1.39	62	178001	57.359	ug/l	98
5) Bromomethane	1.62	94	97361	50.517	ug/l	96
6) Chloroethane	1.71	64	108645	56.835	ug/l	95
7) Trichlorofluoromethane	1.92	101	240880	53.894	ug/l	100
8) Diethyl Ether	2.17	74	93952	51.476	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	128852	56.665	ug/l	98
10) Methyl Iodide	2.49	142	123340	43.396	ug/l	98
11) Tert butyl alcohol	3.01	59	171767	228.159	ug/l	100
12) 1,1-Dichloroethene	2.36	96	135500	52.036	ug/l	97
13) Acrolein	2.27	56	84950	264.873	ug/l	96
14) Allyl chloride	2.71	41	182957	44.924	ug/l	99
15) Acrylonitrile	3.11	53	357058	233.732	ug/l	100
16) Acetone	2.42	43	332260	244.428	ug/l	99
17) Carbon Disulfide	2.55	76	322828	43.288	ug/l	100
18) Methyl Acetate	2.75	43	183216	50.496	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	402133	45.311	ug/l	98
20) Methylene Chloride	2.83	84	128504	43.888	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	124306	44.423	ug/l	97
22) Diisopropyl ether	3.82	45	356284	46.574	ug/l	99
23) Vinyl Acetate	3.78	43	1526025	230.798	ug/l	99
24) 1,1-Dichloroethane	3.67	63	216542	45.258	ug/l	99
25) 2-Butanone	4.64	43	486265	237.358	ug/l	100
26) 2,2-Dichloropropane	4.56	77	174098	39.297	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	142747	44.632	ug/l	98
28) Bromochloromethane	4.98	49	94530	46.315	ug/l	100
29) Tetrahydrofuran	5.09	42	314479	236.959	ug/l	99
30) Chloroform	5.18	83	228150	45.072	ug/l	100
31) Cyclohexane	5.55	56	188325	48.896	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	213932	46.576	ug/l	99
36) 1,1-Dichloropropene	5.77	75	169768	47.997	ug/l	99
37) Ethyl Acetate	4.79	43	180171	46.514	ug/l	99
38) Carbon Tetrachloride	5.76	117	192876	48.015	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	197889	48.281	ug/l	98
40) Benzene	6.12	78	592146	54.985	ug/l	100
41) Methacrylonitrile	5.00	41	99046	47.957	ug/l	98
42) 1,2-Dichloroethane	6.16	62	202419	51.499	ug/l	99
43) Isopropyl Acetate	6.42	43	331836	54.661	ug/l	99
44) Trichloroethene	7.19	130	158055	47.448	ug/l	99
45) 1,2-Dichloropropane	7.49	63	126180	47.797	ug/l	99
46) Dibromomethane	7.64	93	89741	46.641	ug/l	100
47) Bromodichloromethane	7.88	83	189297	47.191	ug/l	98
48) Methyl methacrylate	7.74	41	141299	49.108	ug/l	99
49) 1,4-Dioxane	7.71	88	66603	935.358	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	929118	248.368	ug/l	99
52) Toluene	8.76	92	335428	47.952	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	252867	55.812	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	219832	46.516	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	153790	54.668	ug/l	97
56) Ethyl methacrylate	9.16	69	249701	59.284	ug/l	98
57) 1,3-Dichloropropane	9.35	76	253937	53.700	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	538358	259.956	ug/l	99
59) 2-Hexanone	9.47	43	842475	291.733	ug/l	100
60) Dibromochloromethane	9.57	129	192634	57.939	ug/l	99
61) 1,2-Dibromoethane	9.65	107	179883	58.673	ug/l	98
64) Tetrachloroethene	9.32	164	192929	45.852	ug/l	98
65) Chlorobenzene	10.12	112	417613	46.970	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	160668	45.298	ug/l	99
67) Ethyl Benzene	10.23	91	712677	47.415	ug/l	99
68) m/p-Xylenes	10.34	106	535396	93.947	ug/l	99
69) o-Xylene	10.68	106	236286	43.037	ug/l	98
70) Styrene	10.70	104	411820	43.390	ug/l	99
71) Bromoform	10.84	173	129676	42.850	ug/l #	98
73) Isopropylbenzene	11.00	105	636884	47.262	ug/l	99
74) N-amyl acetate	10.88	43	250740	47.874	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	180565	45.551	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	249022	57.659	ug/l	86
77) Bromobenzene	11.24	156	169275	44.488	ug/l	100
78) n-propylbenzene	11.34	91	712214	48.667	ug/l	99
79) 2-Chlorotoluene	11.40	91	438209	47.353	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	548384	48.545	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	72397	42.200	ug/l	97
82) 4-Chlorotoluene	11.49	91	512160	47.282	ug/l	99
83) tert-Butylbenzene	11.76	119	513304	49.660	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	554776	48.548	ug/l	100
85) sec-Butylbenzene	11.93	105	603642	49.926	ug/l	100
86) p-Isopropyltoluene	12.05	119	583504	50.298	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	300524	46.719	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	303655	45.520	ug/l	100
89) n-Butylbenzene	12.37	91	479382	50.057	ug/l	99
90) Hexachloroethane	12.58	117	101921	47.642	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	292459	45.464	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51011	46.017	ug/l	98

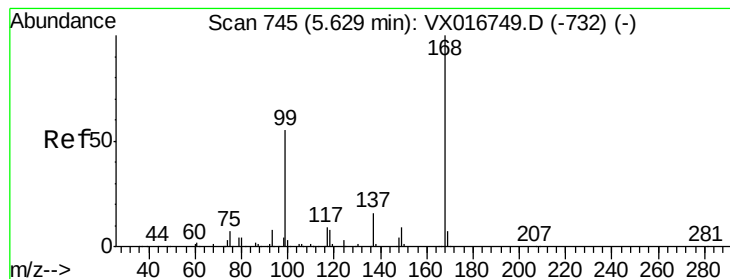
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	218967	48.607	ug/l	97
94) Hexachlorobutadiene	13.77	225	90750	45.814	ug/l	98
95) Naphthalene	13.82	128	697008	49.388	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	211316	47.659	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

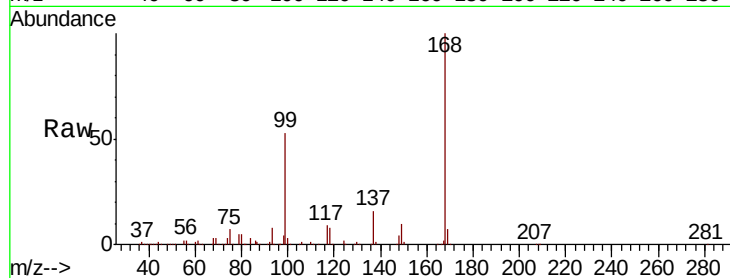
VSTDCCC050EC

Tot Ion:168 Resp: 266422

Ion Ratio Lower Upper

168 100

99 53.2 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

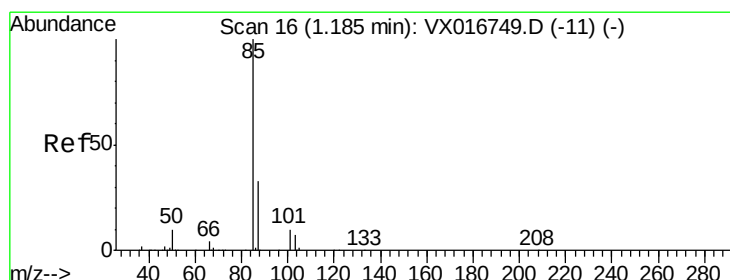
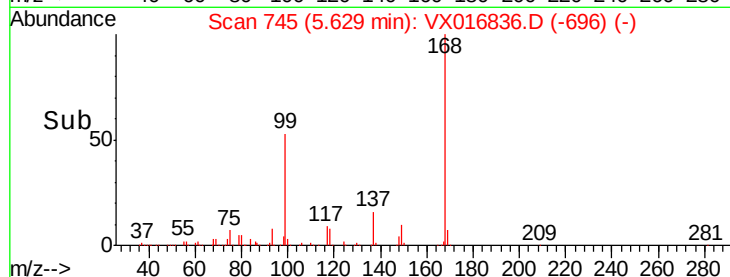
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.485 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016836.D

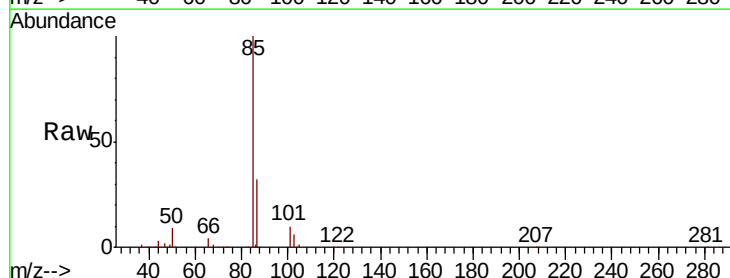
Acq: 17 Jun 2020 22:37

Tgt Ion: 85 Resp: 161015

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

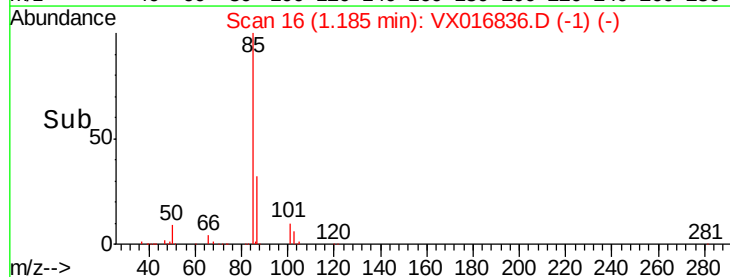
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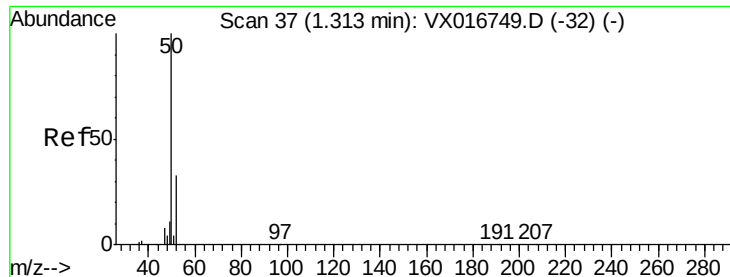
100000

50000

0

Time-->





#3

Chloromethane

Concen: 54.385 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

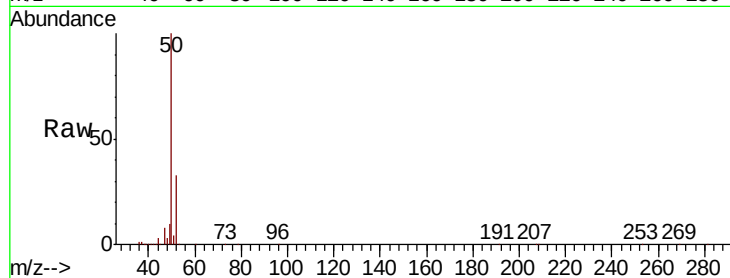
VSTDCCC050EC

Tot Ion: 50 Resp: 158169

Ion Ratio Lower Upper

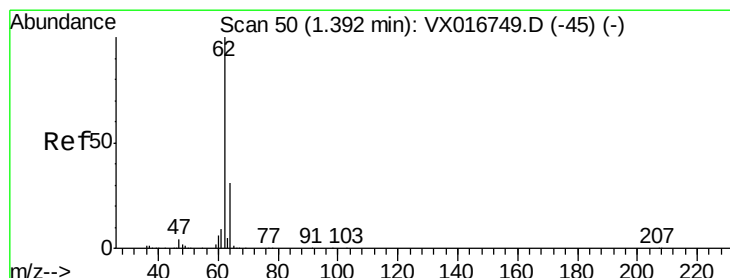
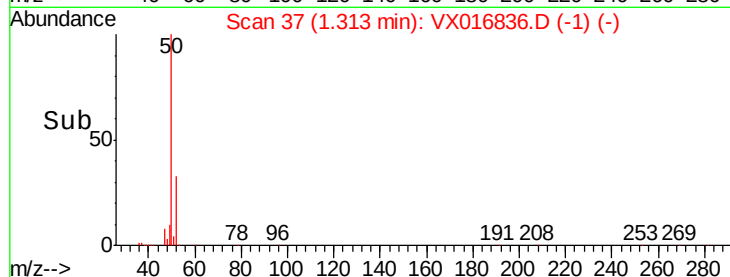
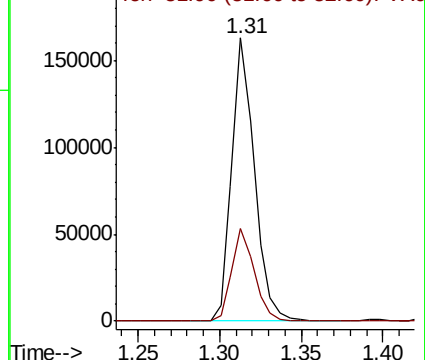
50 100

52 32.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 57.359 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016836.D

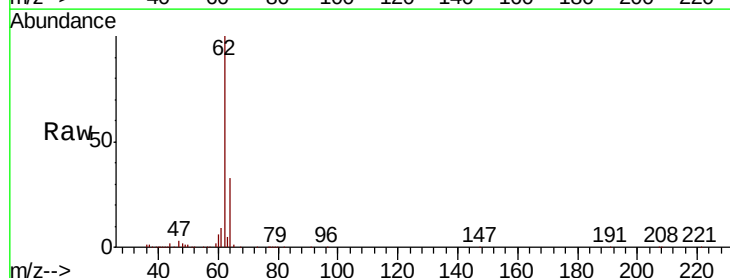
Acq: 17 Jun 2020 22:37

Tgt Ion: 62 Resp: 178001

Ion Ratio Lower Upper

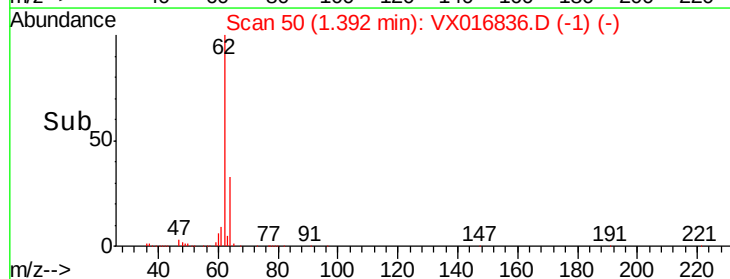
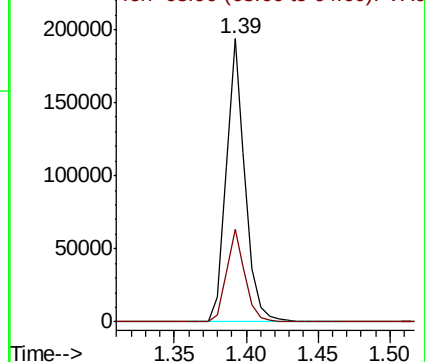
62 100

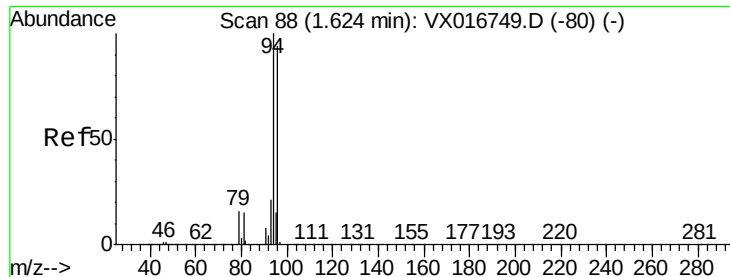
64 32.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.517 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

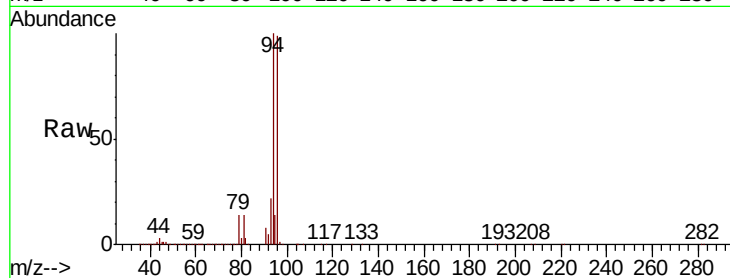
VSTDCCC050EC

Tot Ion: 94 Resp: 97361

Ion Ratio Lower Upper

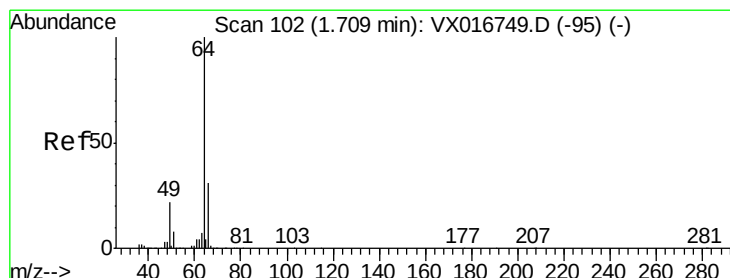
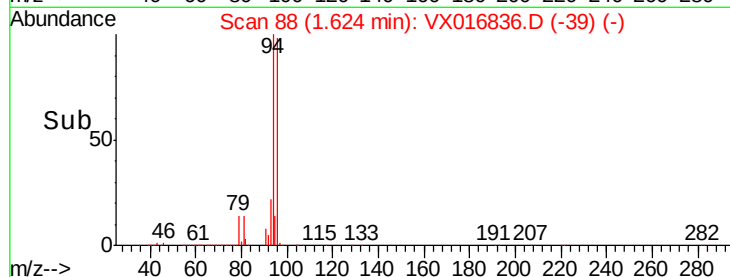
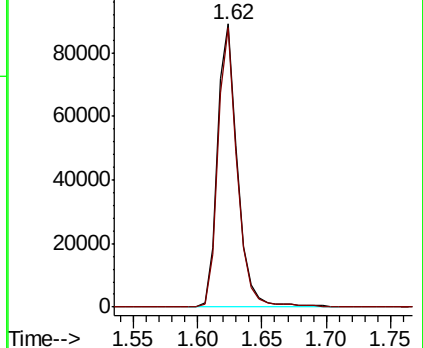
94 100

96 98.5 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.835 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016836.D

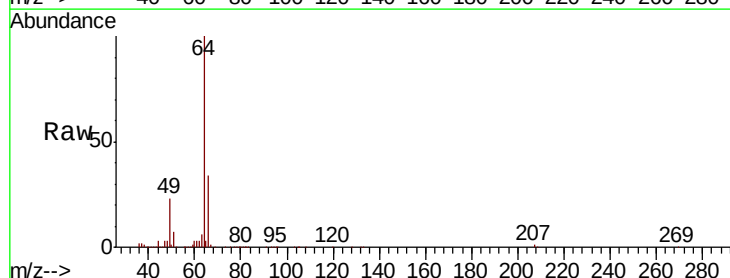
Acq: 17 Jun 2020 22:37

Tgt Ion: 64 Resp: 108645

Ion Ratio Lower Upper

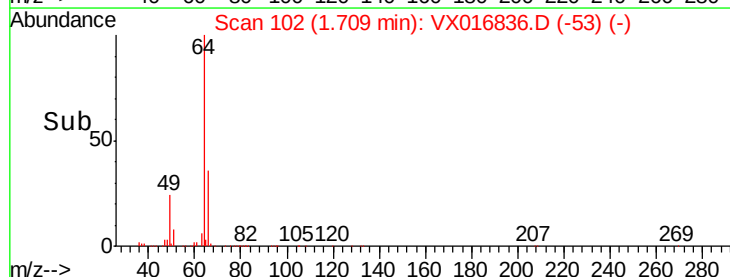
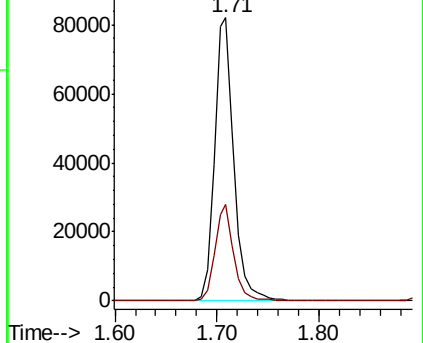
64 100

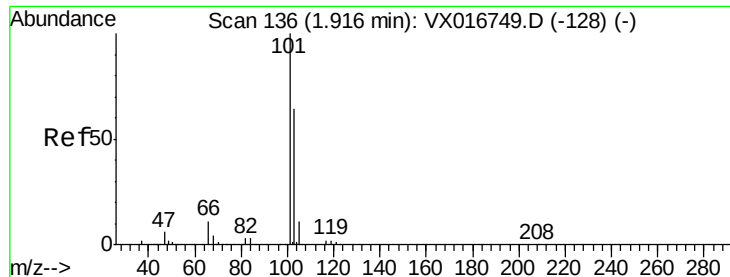
66 34.1 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



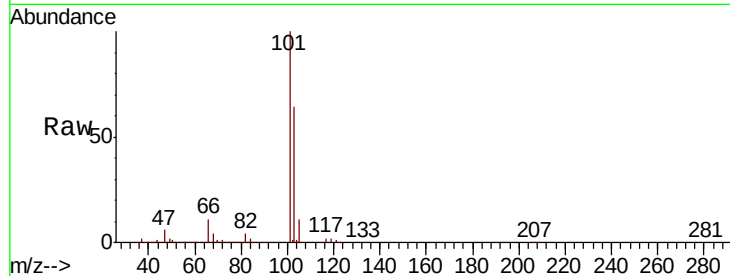


#7

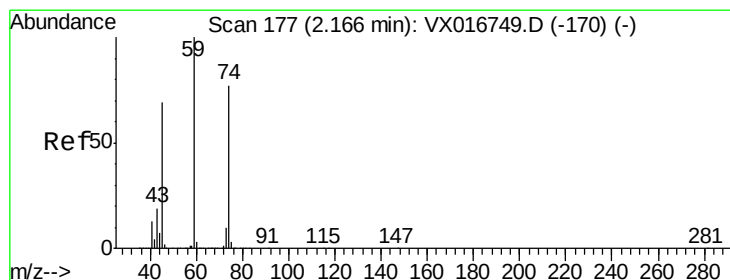
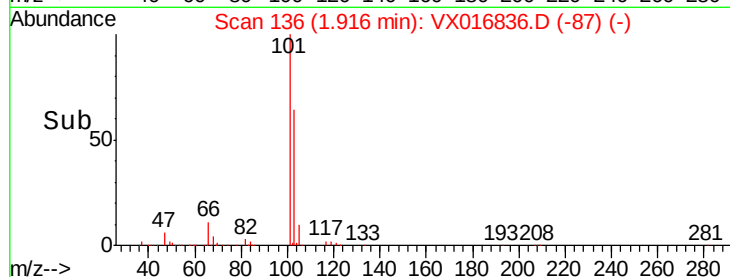
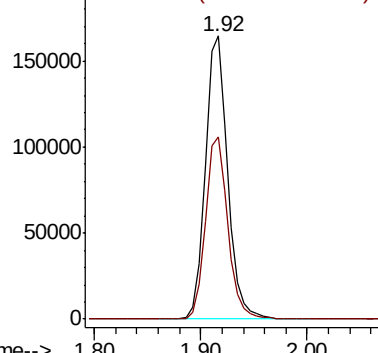
Trichlorofluoromethane
Concen: 53.894 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 240880
Ion Ratio Lower Upper
101 100
103 64.4 51.3 76.9



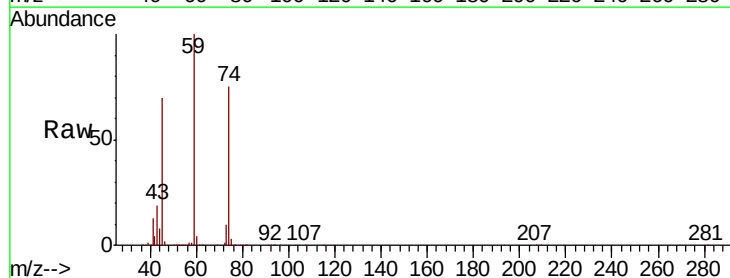
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



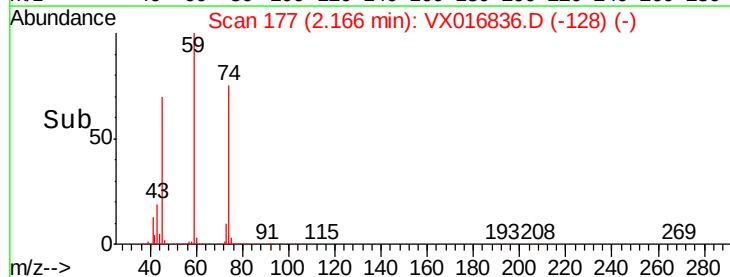
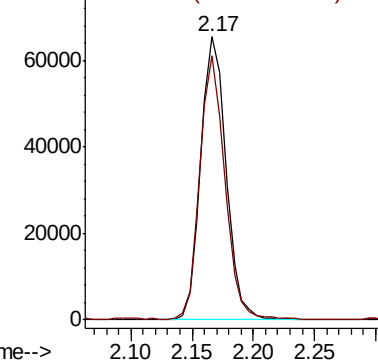
#8

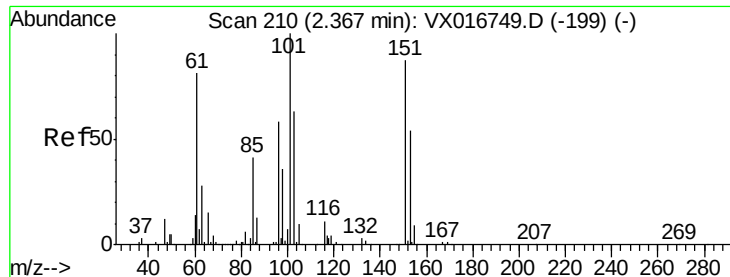
Diethyl Ether
Concen: 51.476 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion: 74 Resp: 93952
Ion Ratio Lower Upper
74 100
45 91.2 43.5 130.7



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.665 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

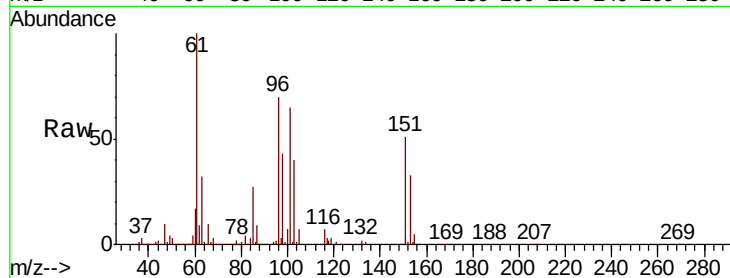
Tot Ion:101 Resp: 128852

Ion Ratio Lower Upper

101 100

85 42.2 34.0 51.0

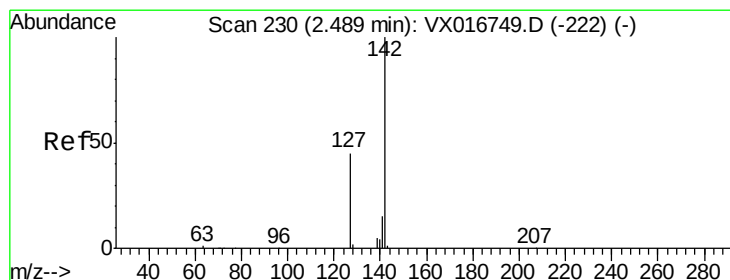
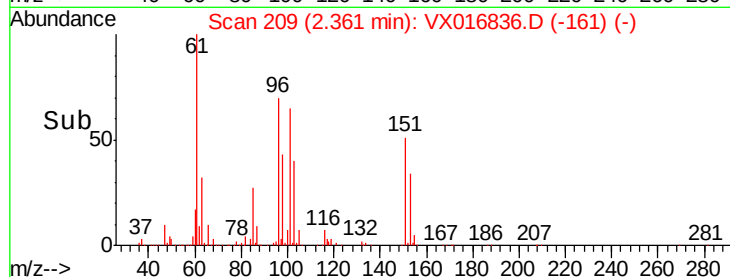
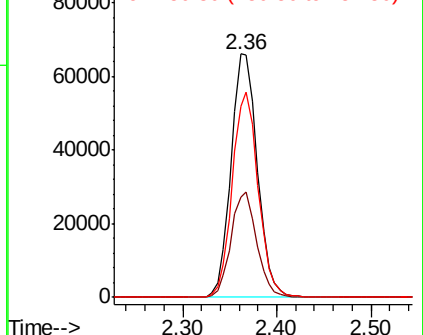
151 83.0 68.7 103.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.396 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

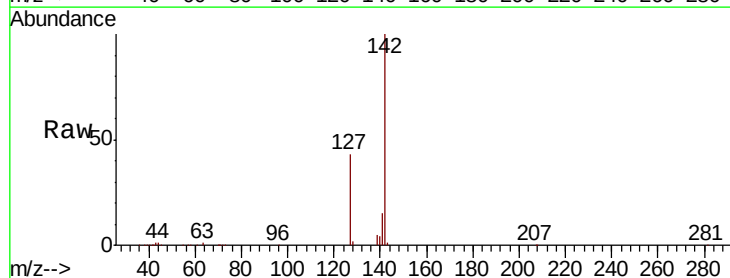
Tgt Ion:142 Resp: 123340

Ion Ratio Lower Upper

142 100

127 42.6 35.4 53.2

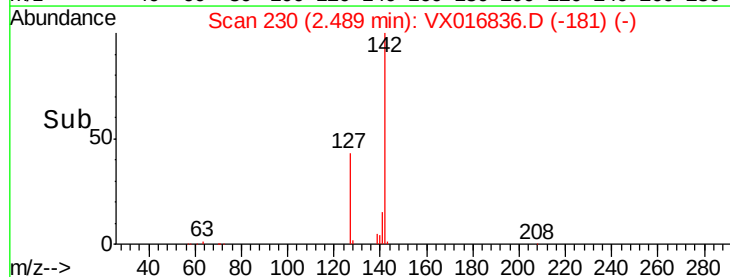
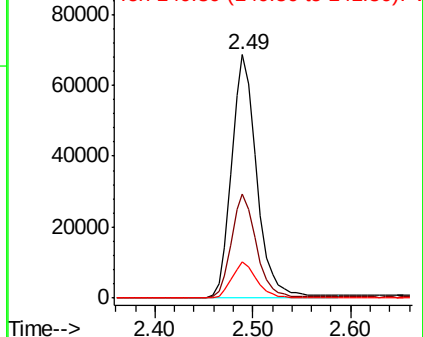
141 14.8 11.7 17.5

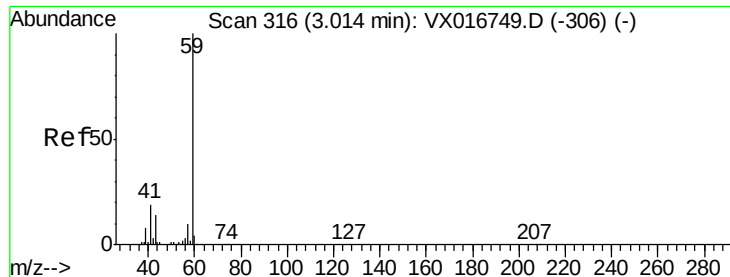


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

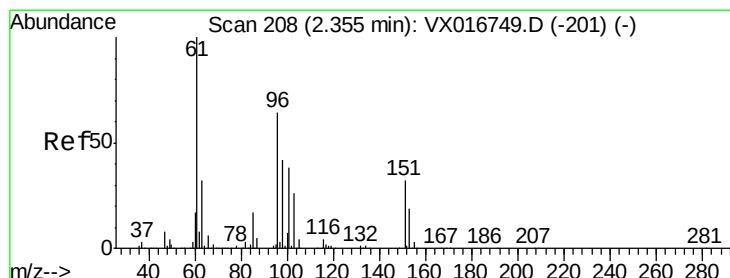
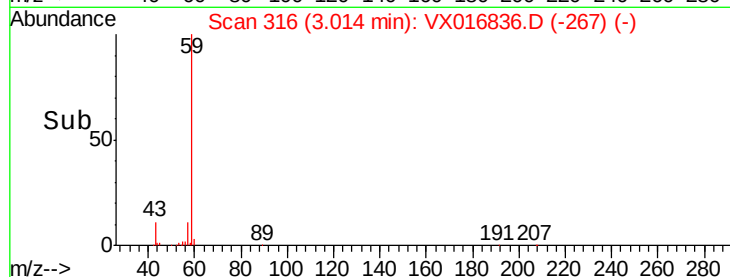
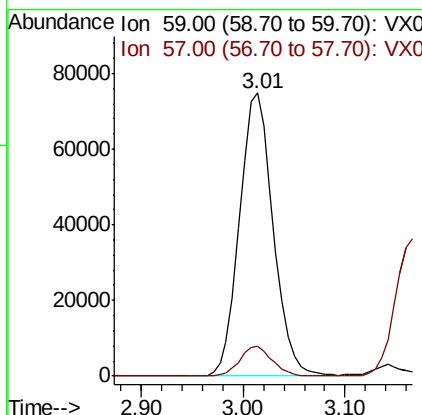
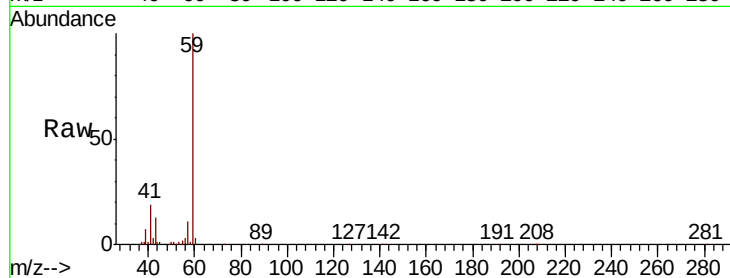




#11
Tert butyl alcohol
Concen: 228.159 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

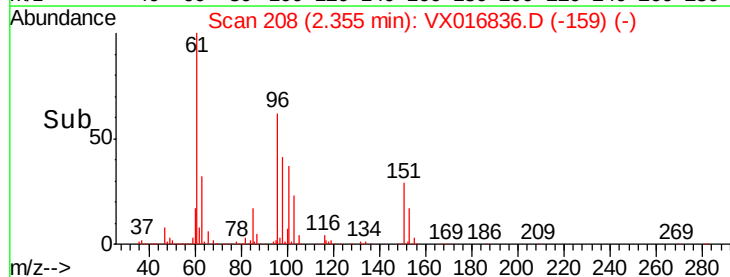
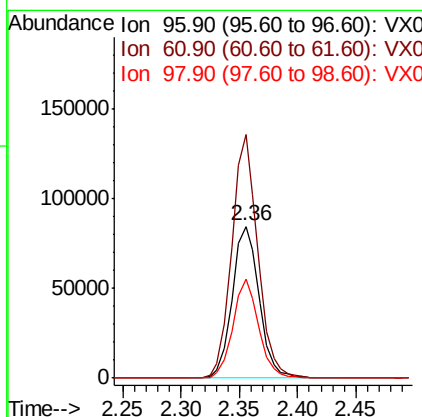
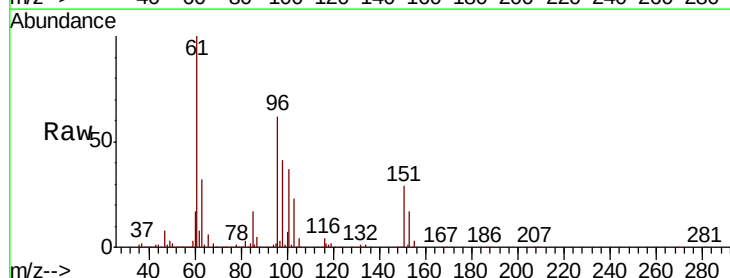
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

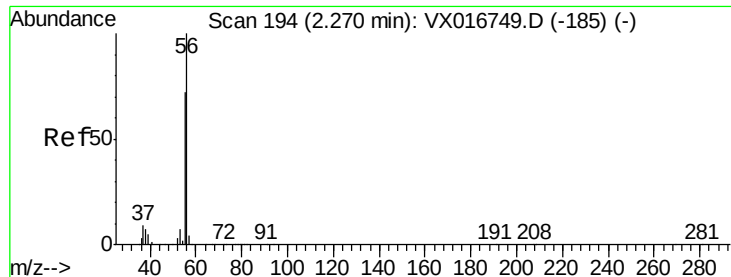
Tot Ion: 59 Resp: 171767
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 52.036 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion: 96 Resp: 135500
Ion Ratio Lower Upper
96 100
61 160.6 124.1 186.1
98 65.6 52.7 79.1





#13

Acrolein

Concen: 264.873 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

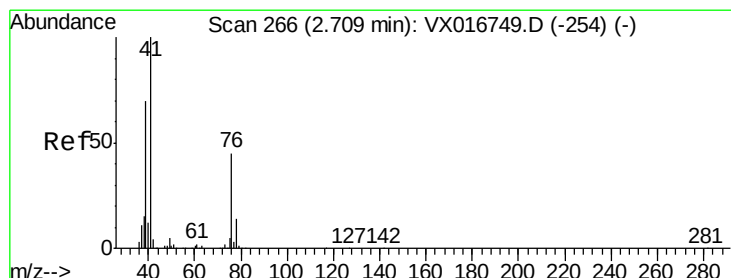
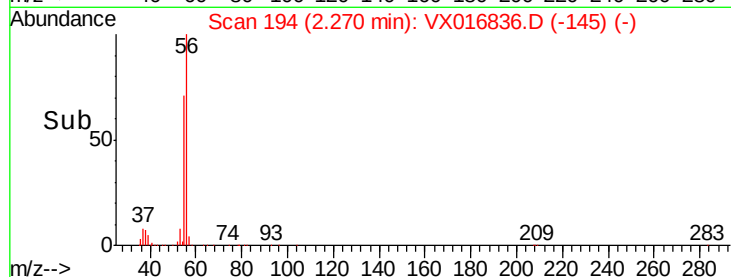
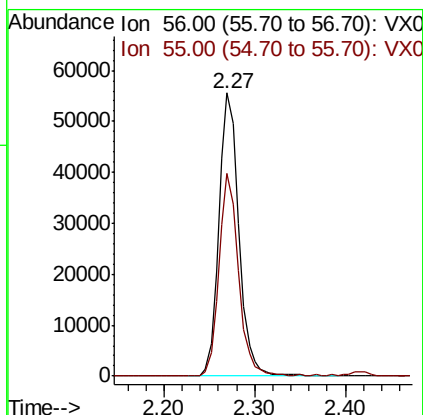
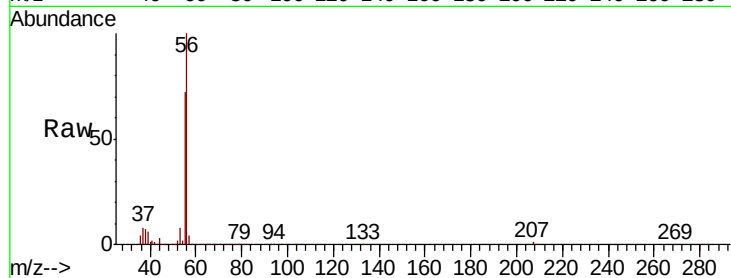
VSTDCCC050EC

Tot Ion: 56 Resp: 84950

Ion Ratio Lower Upper

56 100

55 69.8 58.2 87.4



#14

Allyl chloride

Concen: 44.924 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

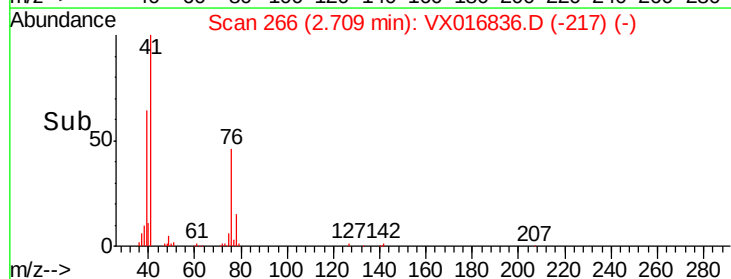
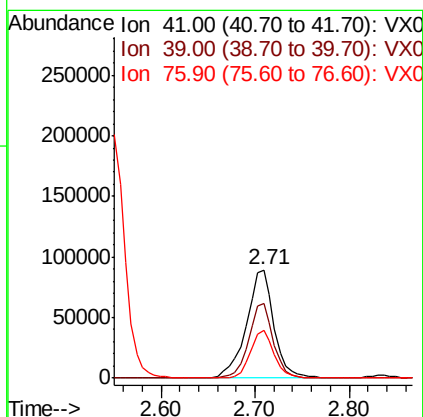
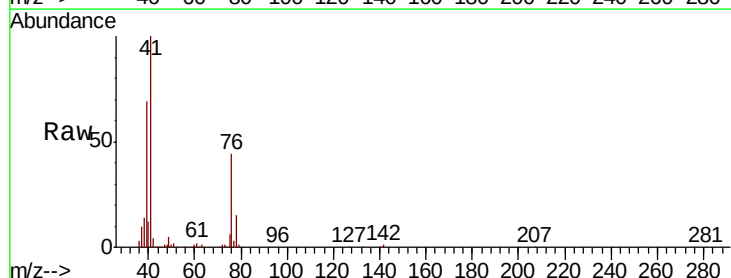
Tgt Ion: 41 Resp: 182957

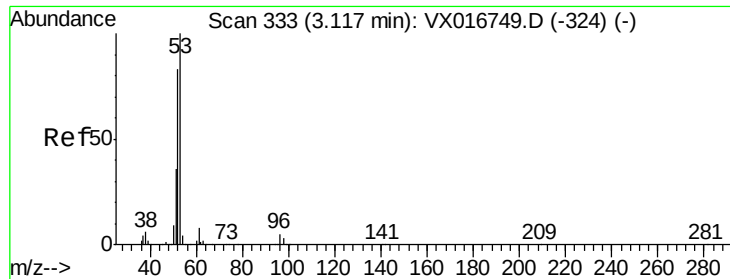
Ion Ratio Lower Upper

41 100

39 61.5 50.2 75.4

76 37.5 30.4 45.6

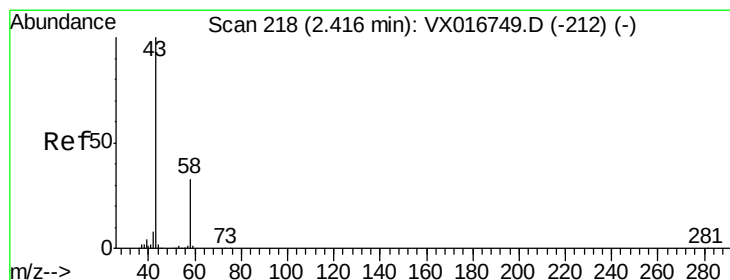
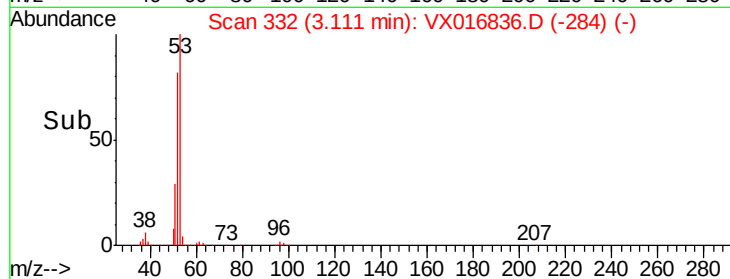
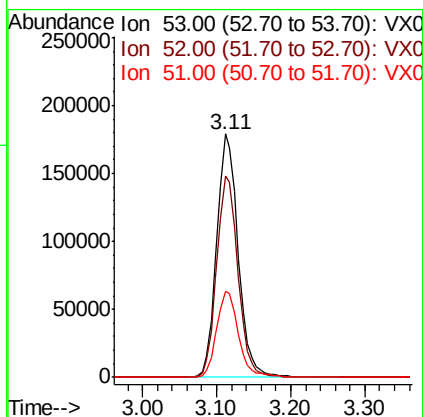
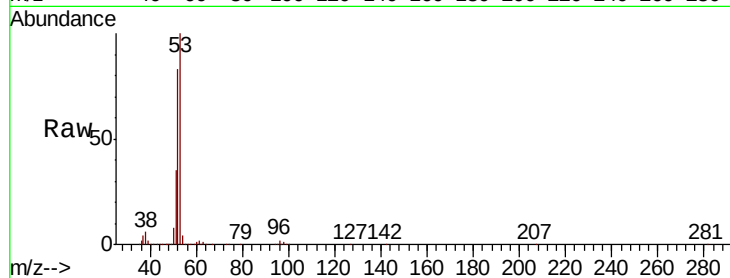




#15
 Acrylonitrile
 Concen: 233.732 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

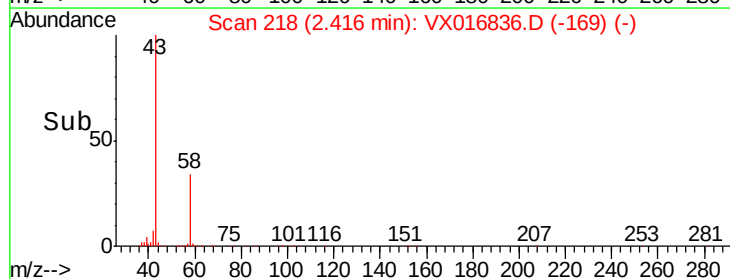
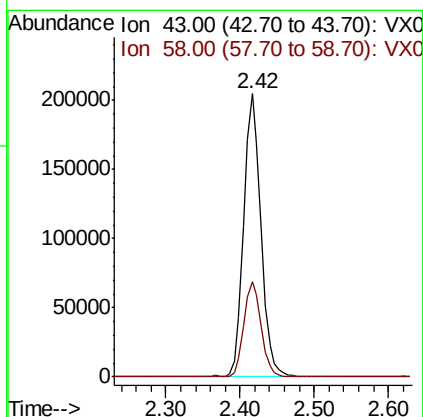
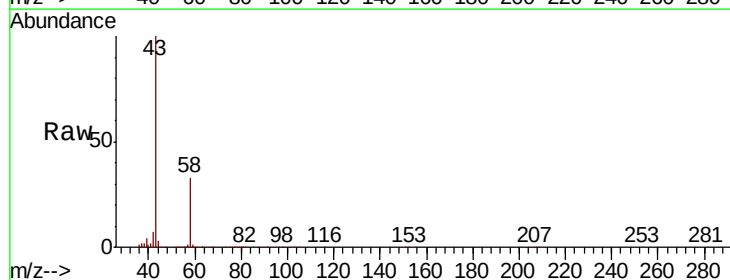
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

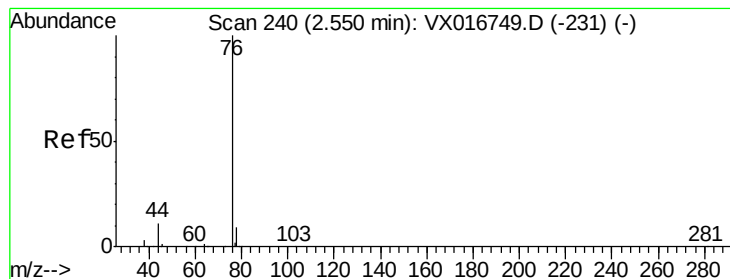
Tot Ion	53	Resp	357058
Ion Ratio	Lower	Upper	
53	100		
52	82.1	65.5	98.3
51	35.9	28.6	42.8



#16
 Acetone
 Concen: 244.428 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Tgt Ion	43	Resp	332260
Ion Ratio	Lower	Upper	
43	100		
58	33.5	26.3	39.5





#17

Carbon Disulfide

Concen: 43.288 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

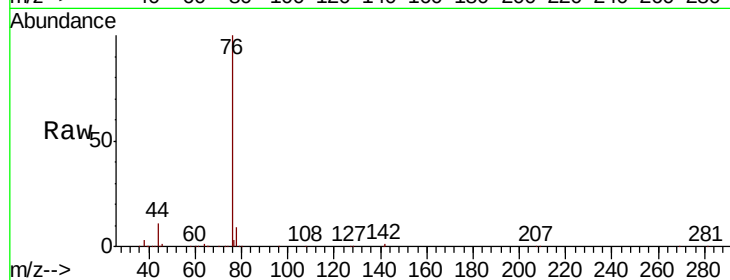
VSTDCCC050EC

Tot Ion: 76 Resp: 322828

Ion Ratio Lower Upper

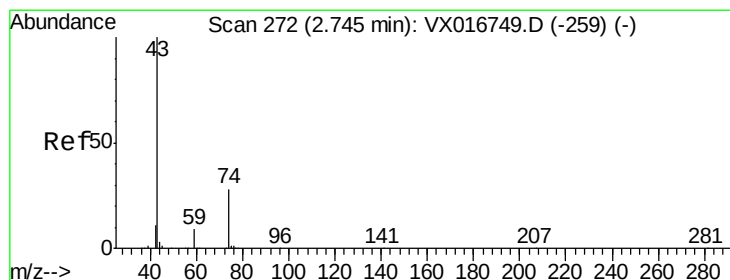
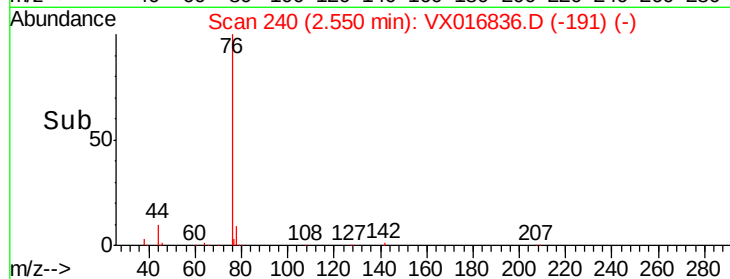
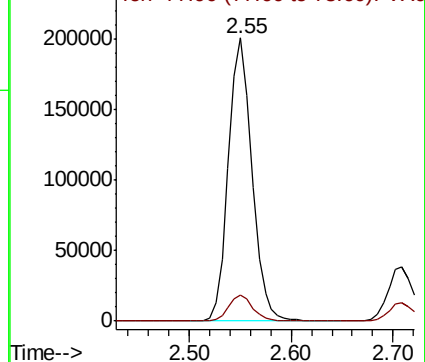
76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.496 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016836.D

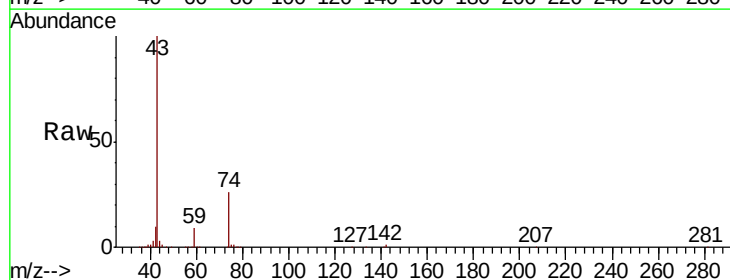
Acq: 17 Jun 2020 22:37

Tgt Ion: 43 Resp: 183216

Ion Ratio Lower Upper

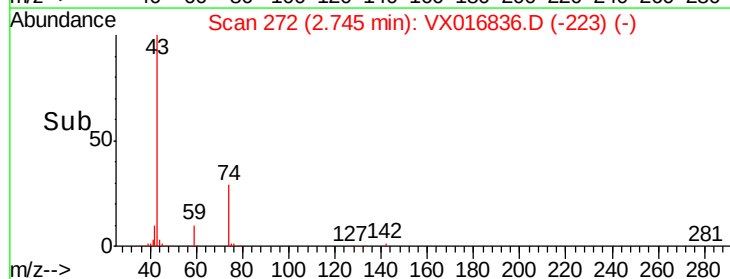
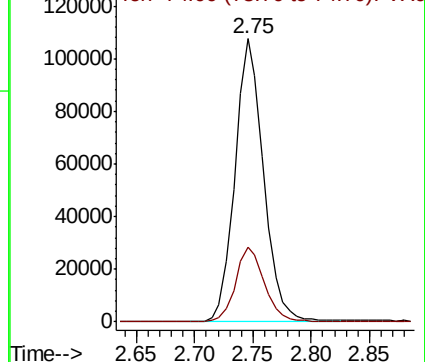
43 100

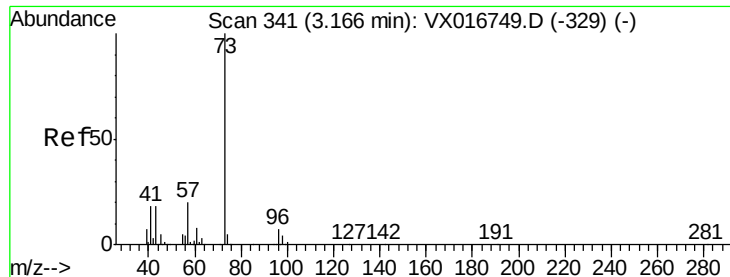
74 27.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



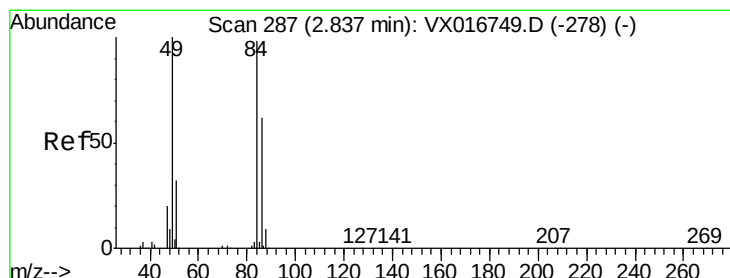
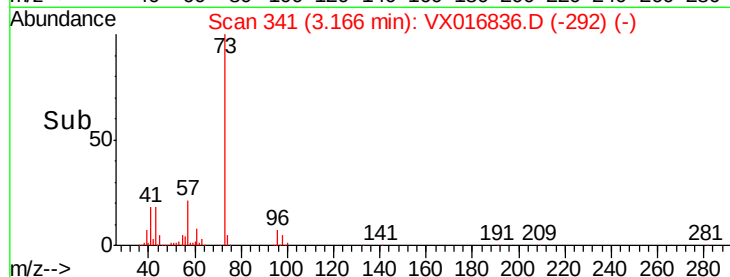
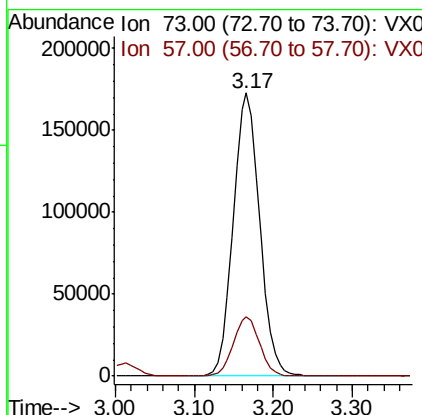
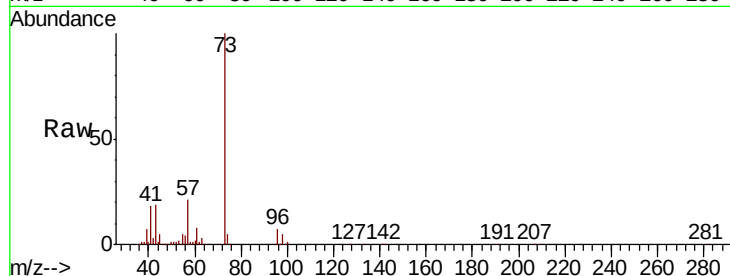


#19

Methyl tert-butyl Ether
 Concen: 45.311 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

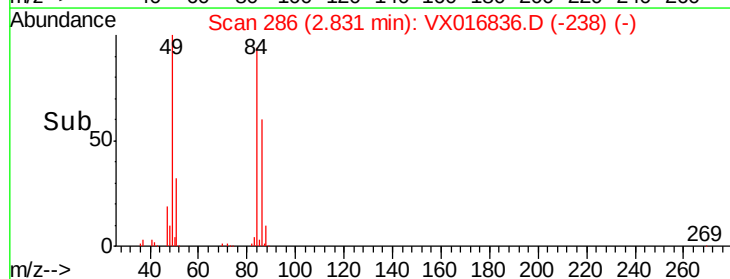
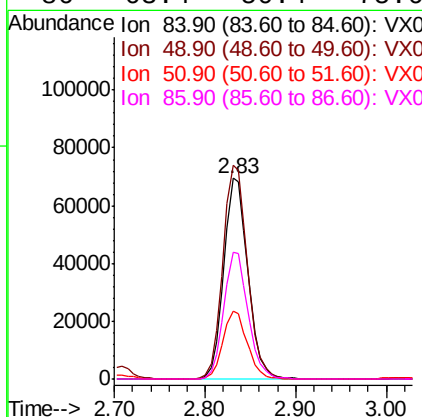
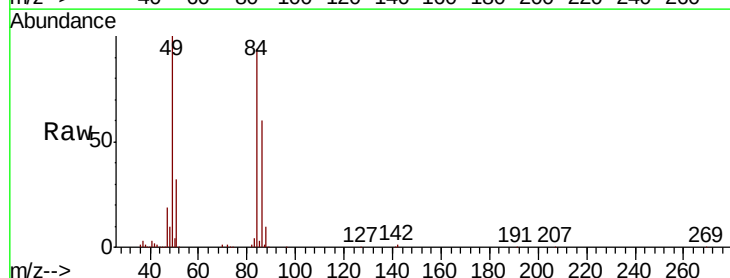
Tot Ion: 73 Resp: 402133
 Ion Ratio Lower Upper
 73 100
 57 21.0 16.2 24.4

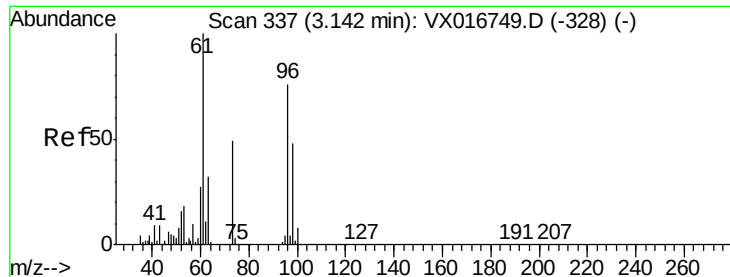


#20

Methylene Chloride
 Concen: 43.888 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Tgt Ion: 84 Resp: 128504
 Ion Ratio Lower Upper
 84 100
 49 106.4 81.8 122.8
 51 33.9 25.8 38.8
 86 63.4 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 44.423 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

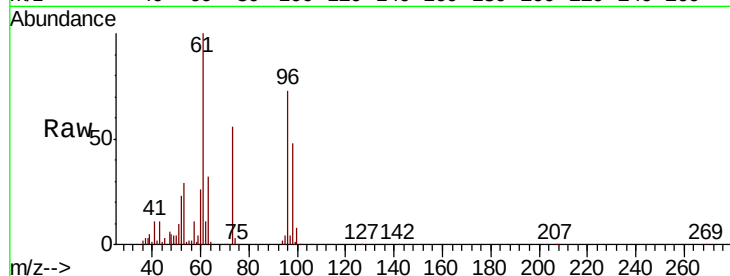
Tot Ion: 96 Resp: 124306

Ion Ratio Lower Upper

96 100

61 136.2 105.4 158.2

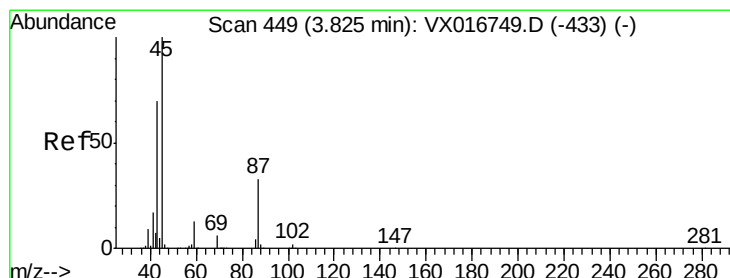
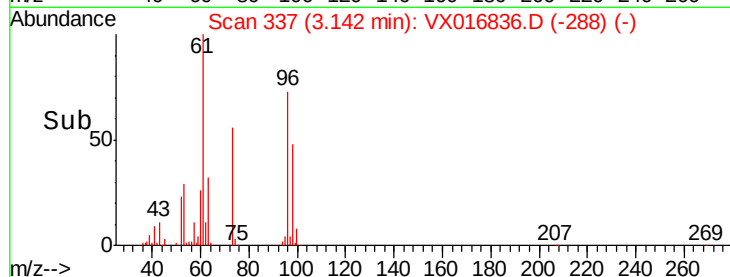
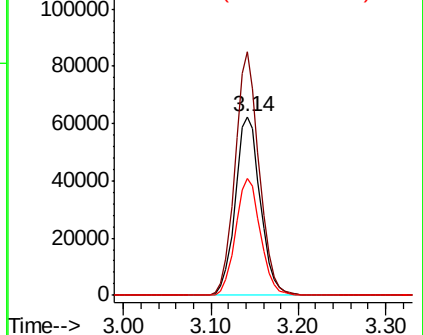
98 65.5 50.8 76.2



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



#22

Diisopropyl ether

Concen: 46.574 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Tgt Ion: 45 Resp: 356284

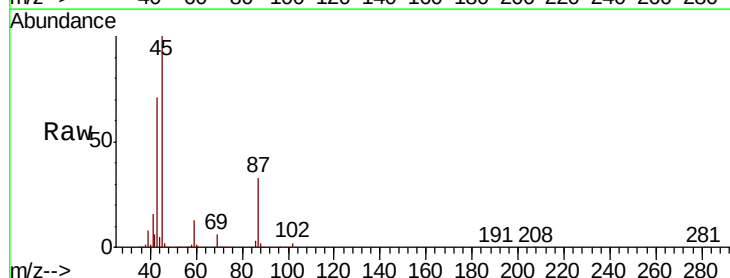
Ion Ratio Lower Upper

45 100

43 70.7 56.2 84.4

87 33.3 26.2 39.4

59 12.5 10.3 15.5

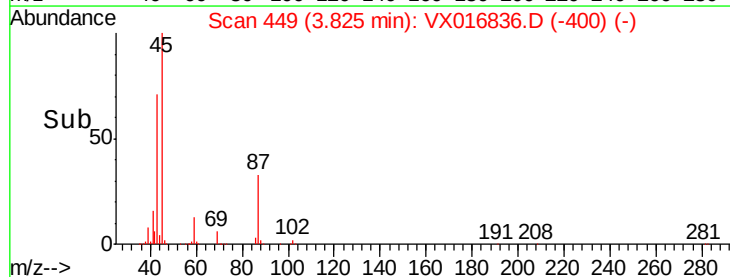
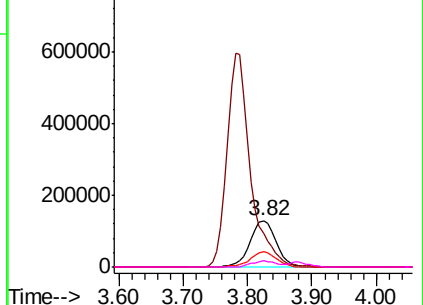


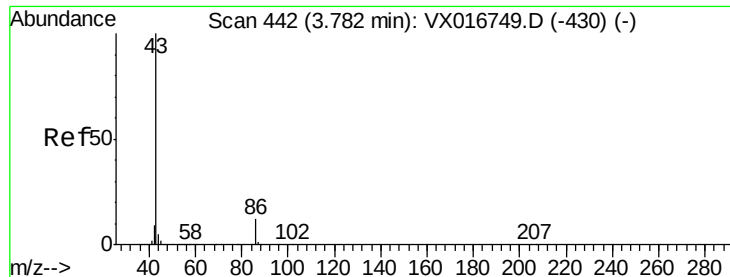
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 230.798 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

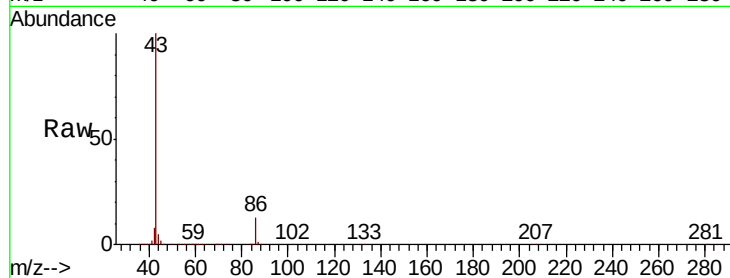
VSTDCCC050EC

Tot Ion: 43 Resp: 1526025

Ion Ratio Lower Upper

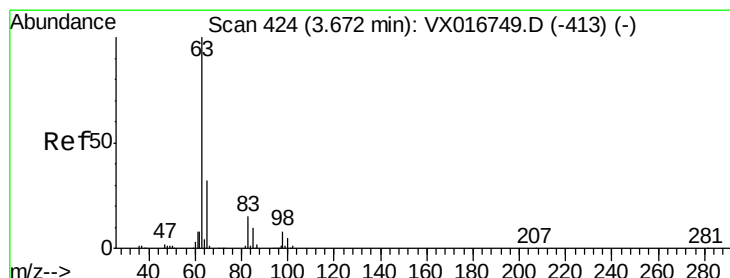
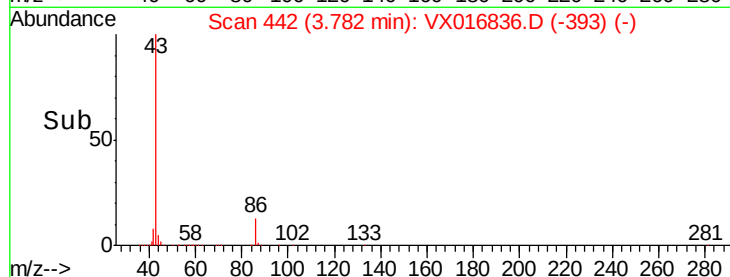
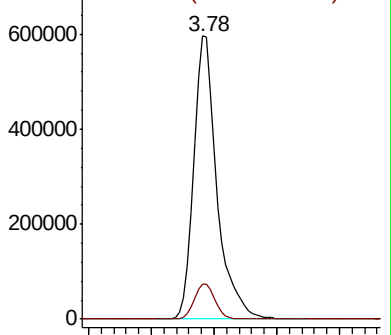
43 100

86 12.5 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.258 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

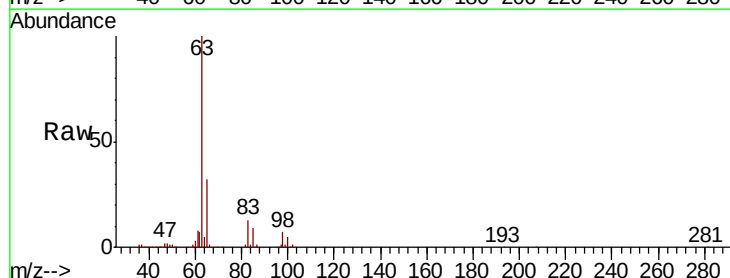
Tgt Ion: 63 Resp: 216542

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

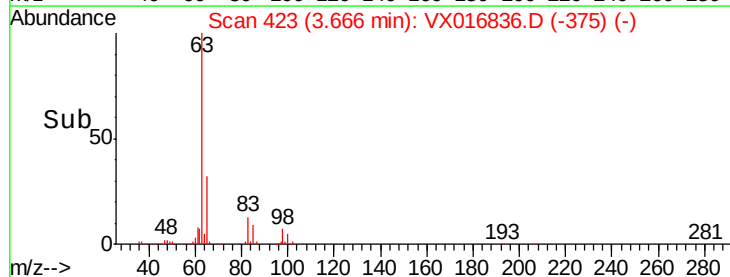
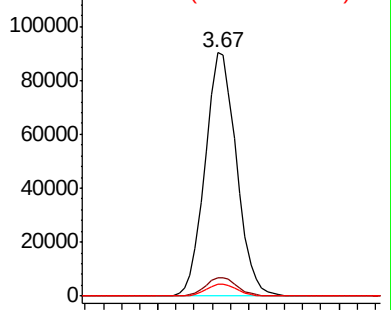
100 4.9 2.3 6.9

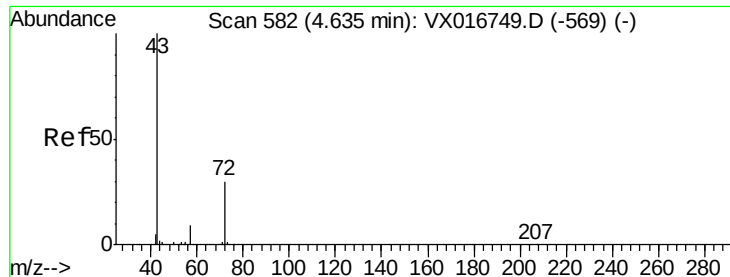


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 237.358 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

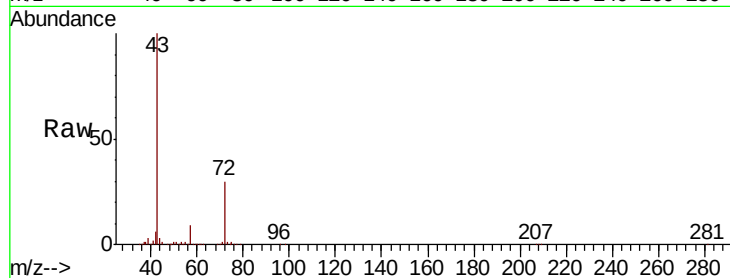
VSTDCCC050EC

Tot Ion: 43 Resp: 486265

Ion Ratio Lower Upper

43 100

72 30.1 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

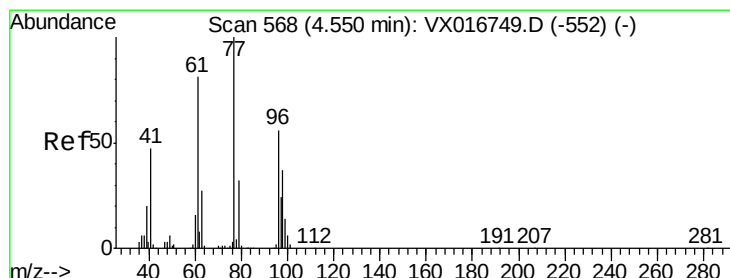
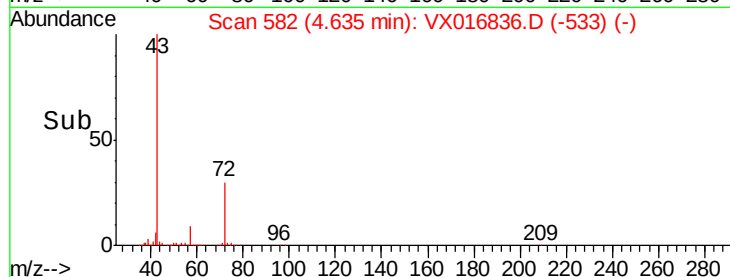
150000

100000

50000

0

Time--> 4.50 4.60 4.70



#26

2,2-Dichloropropane

Concen: 39.297 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016836.D

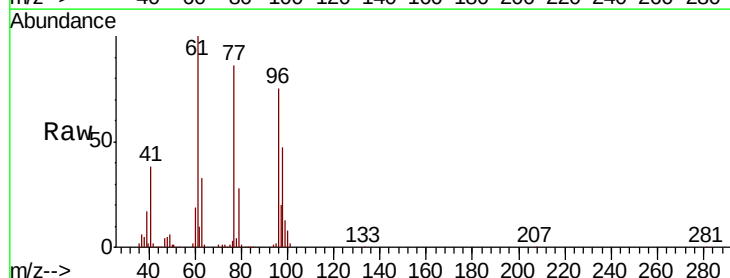
Acq: 17 Jun 2020 22:37

Tgt Ion: 77 Resp: 174098

Ion Ratio Lower Upper

77 100

97 23.5 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.56

60000

50000

40000

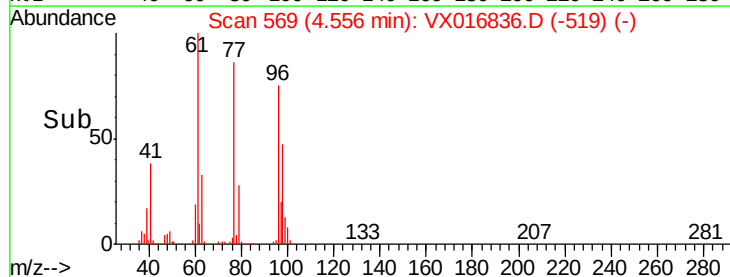
30000

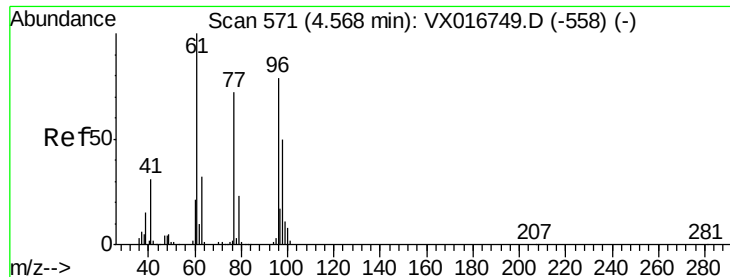
20000

10000

0

Time--> 4.40 4.50 4.60 4.70



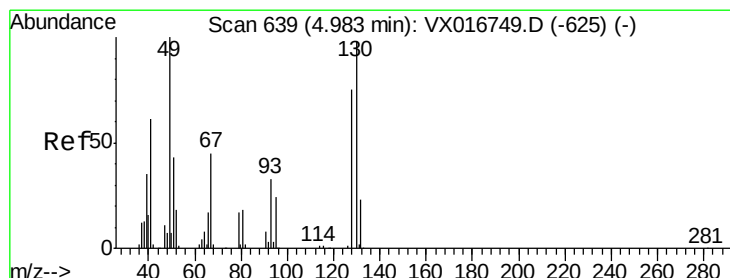
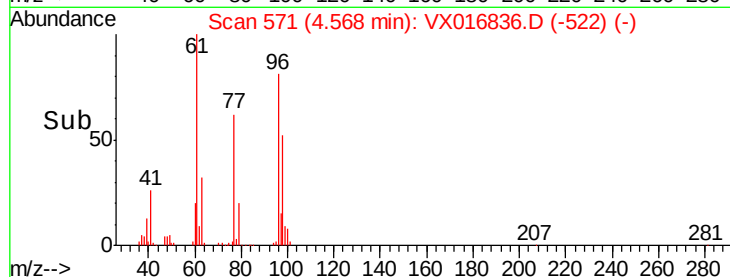
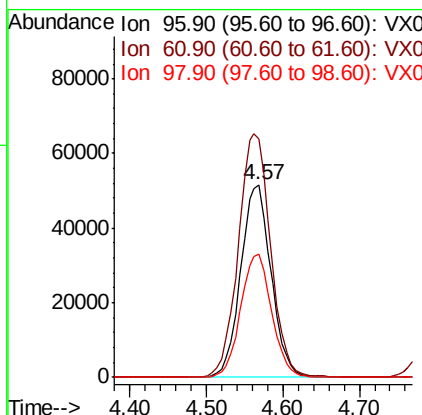
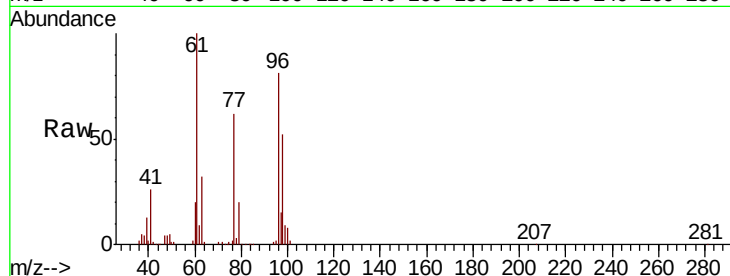


#27

cis-1,2-Dichloroethene
 Concen: 44.632 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

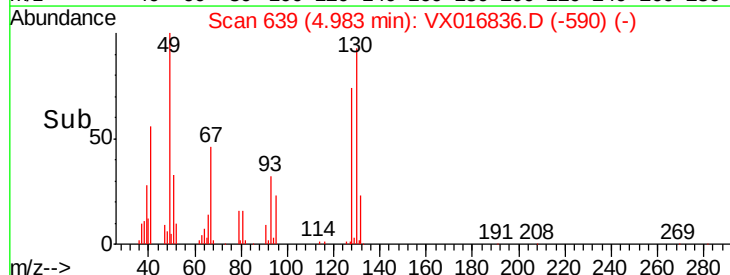
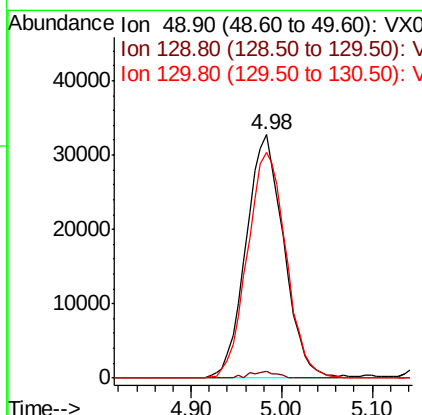
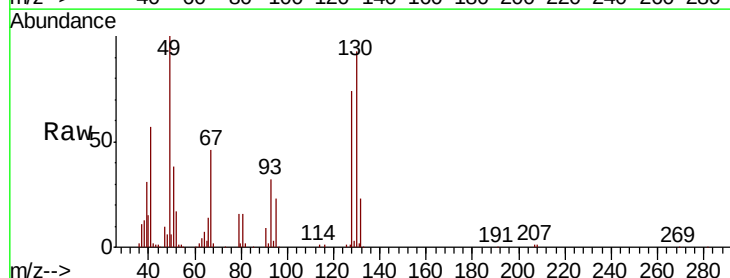
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.1	0.0	276.2
98	65.2	0.0	130.0

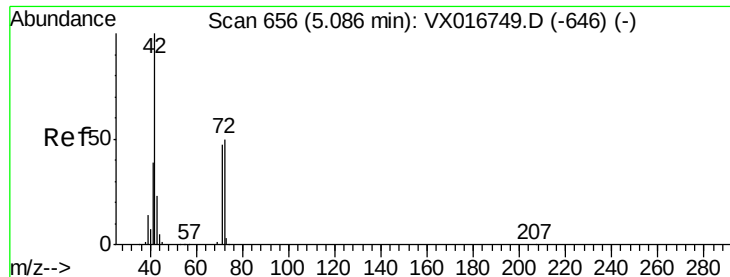


#28

Bromochloromethane
 Concen: 46.315 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	2.8
130	94.9	76.0	114.0

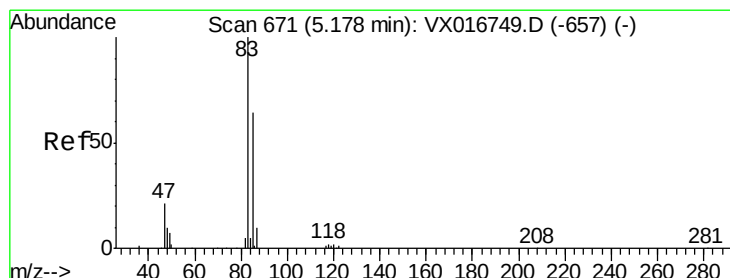
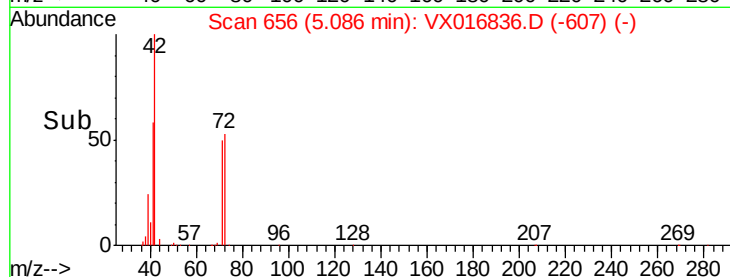
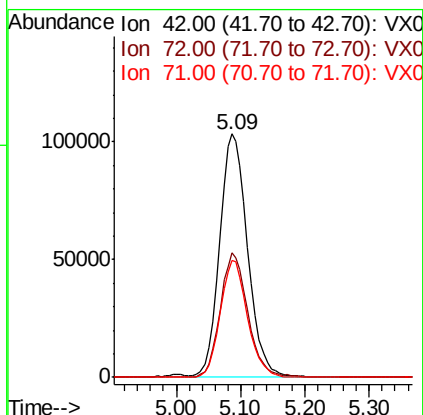
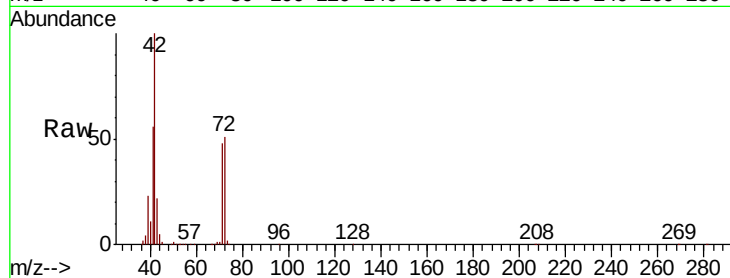




#29
Tetrahydrofuran
Concen: 236.959 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

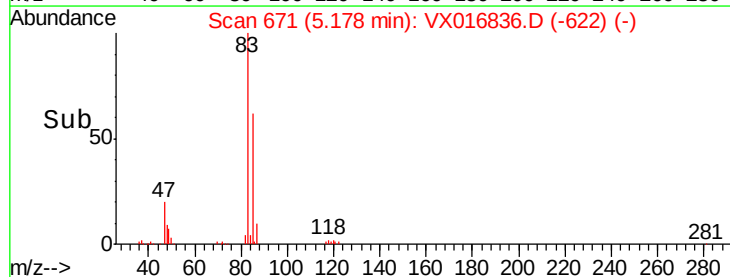
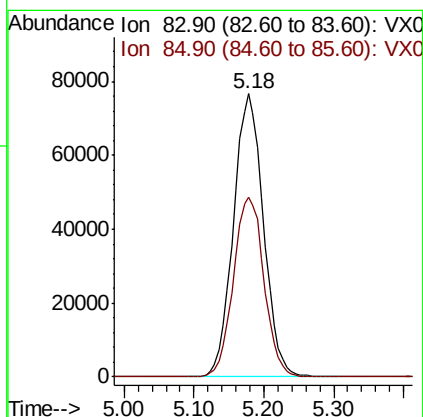
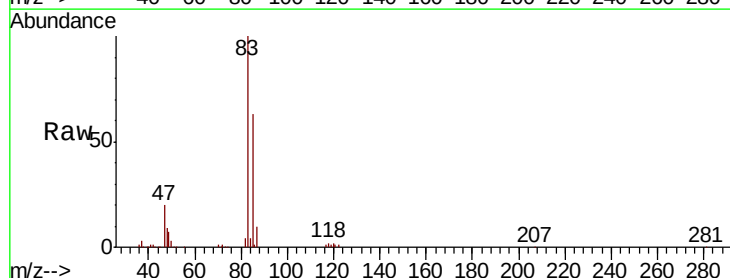
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

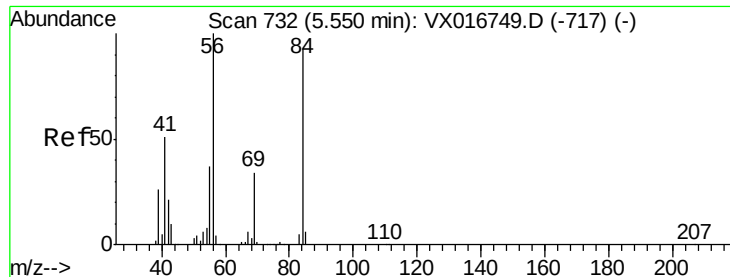
Tot Ion: 42 Resp: 314479
Ion Ratio Lower Upper
42 100
72 50.8 41.0 61.6
71 46.9 38.2 57.4



#30
Chloroform
Concen: 45.072 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion: 83 Resp: 228150
Ion Ratio Lower Upper
83 100
85 63.3 50.8 76.2

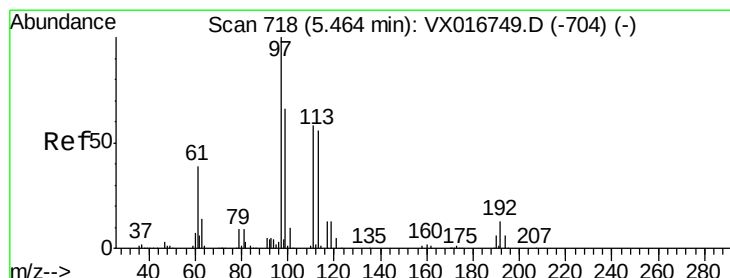
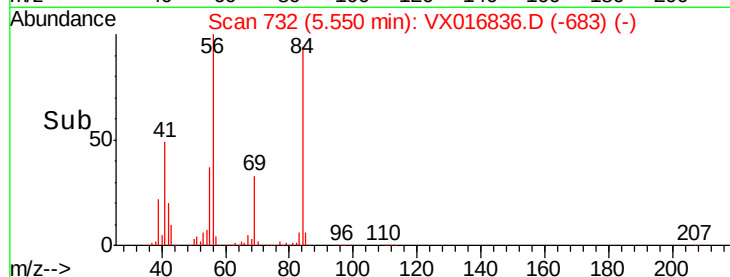
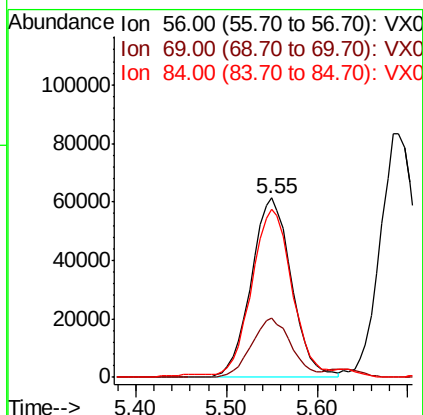
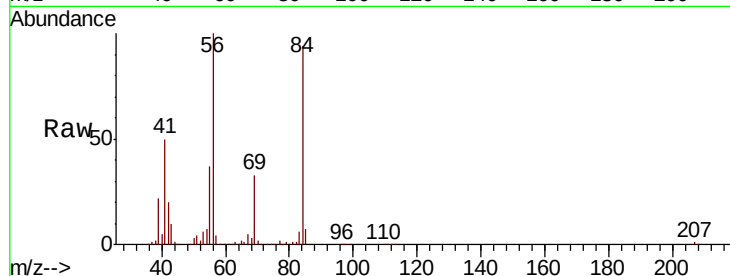




#31
Cyclohexane
Concen: 48.896 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

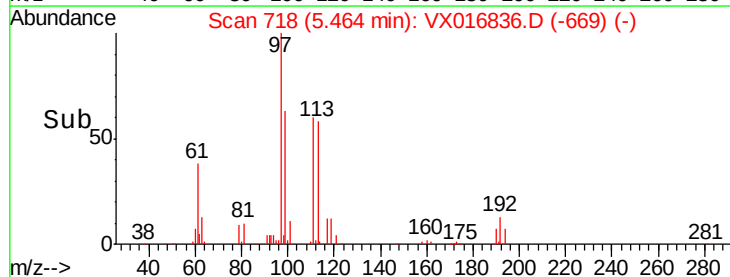
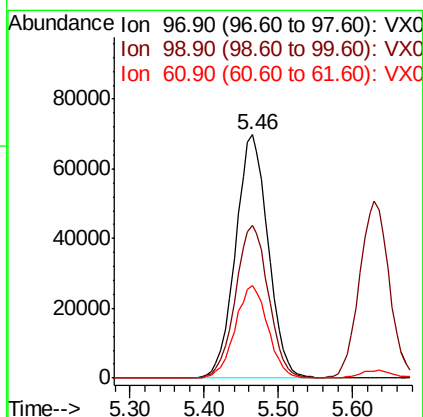
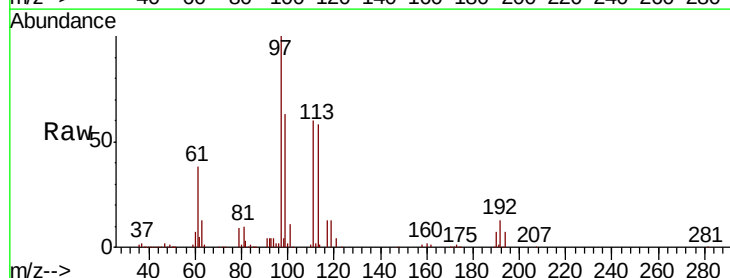
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

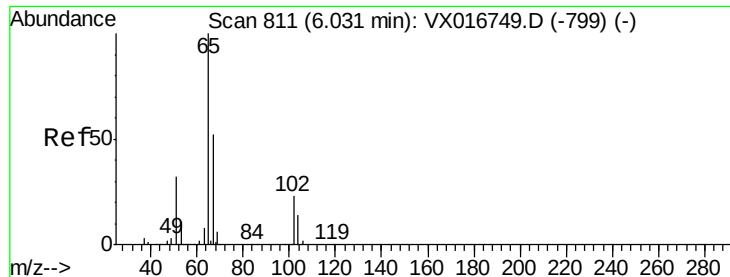
Tot Ion: 56 Resp: 188325
Ion Ratio Lower Upper
56 100
69 33.3 27.1 40.7
84 92.2 74.0 111.0



#32
1,1,1-Trichloroethane
Concen: 46.576 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion: 97 Resp: 213932
Ion Ratio Lower Upper
97 100
99 63.5 51.5 77.3
61 38.3 31.3 46.9

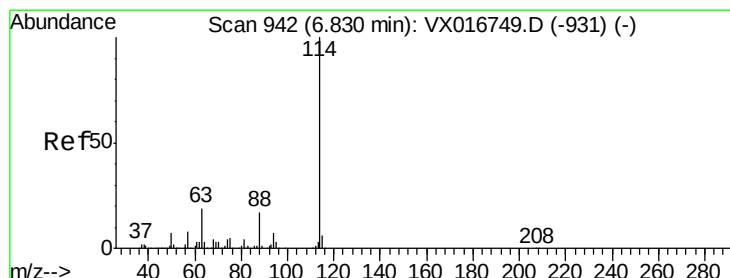
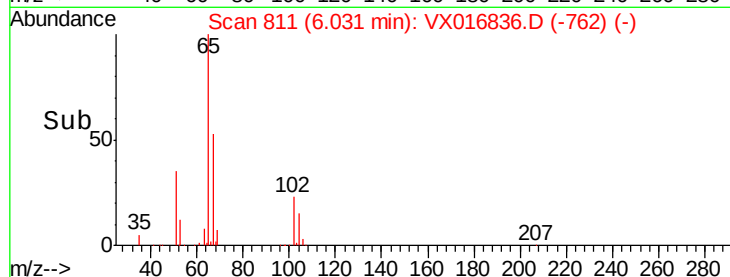
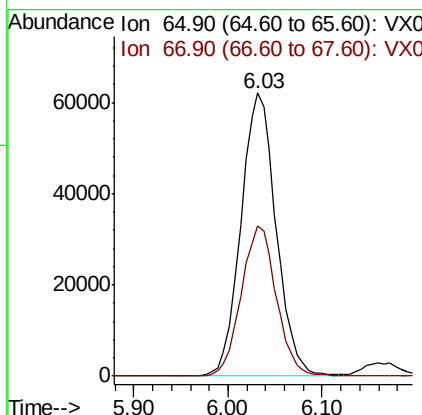
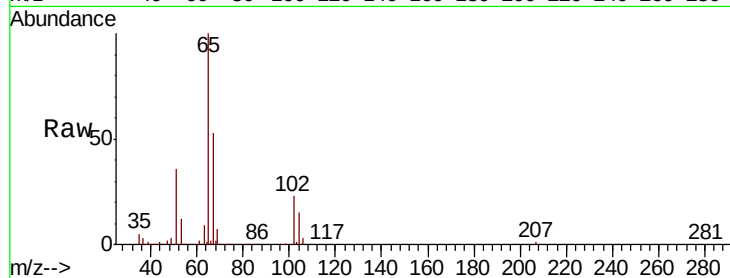




#33
 1,2-Dichloroethane-d4
 Concen: 53.982 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

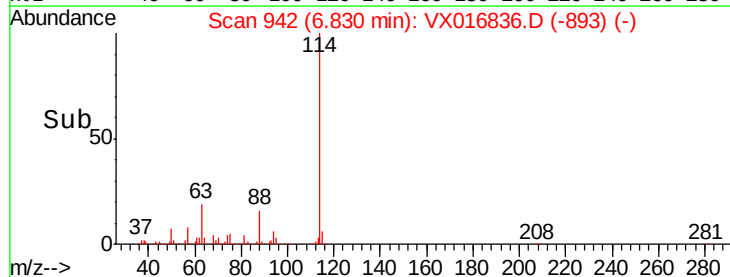
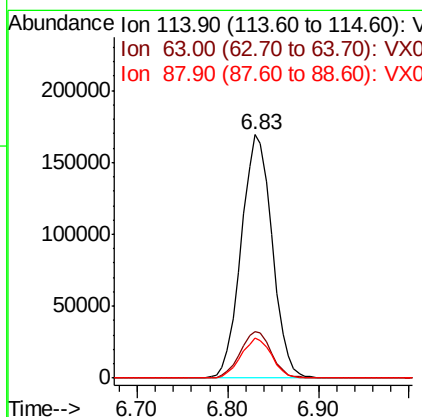
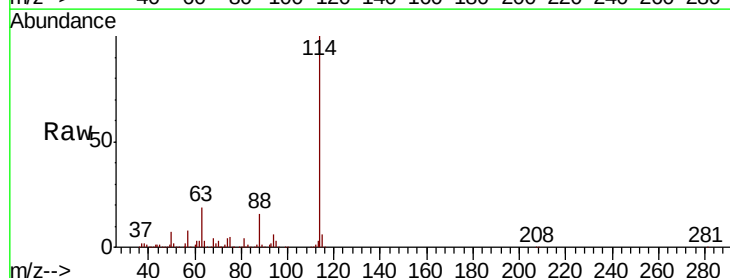
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

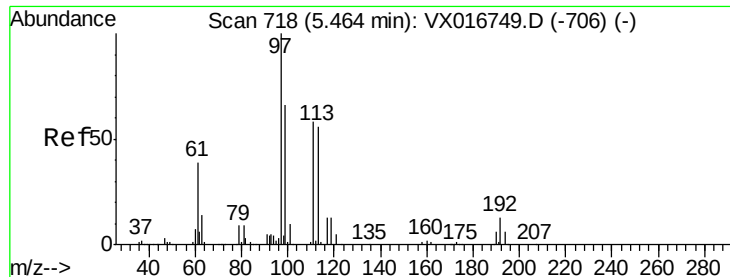
Tot Ion: 65 Resp: 161775
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Tgt Ion: 114 Resp: 400241
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.8
 88 16.3 0.0 33.4

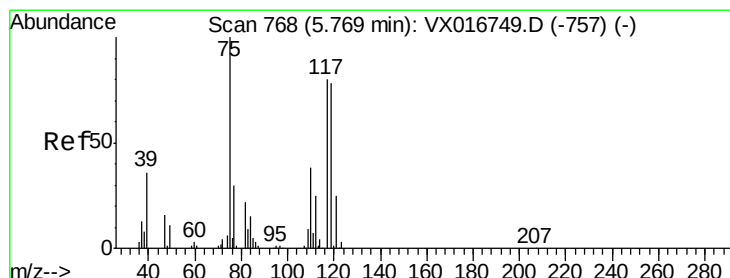
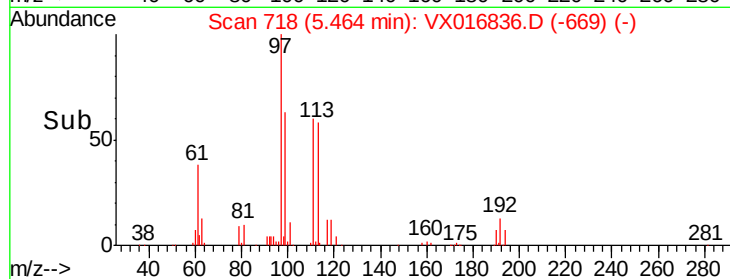
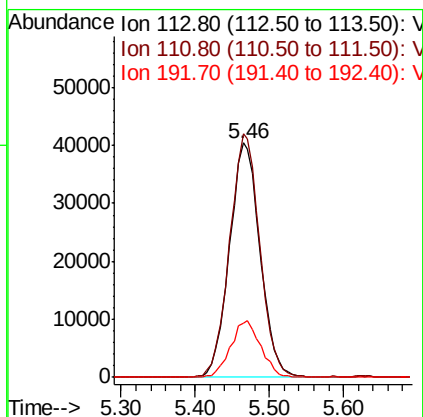
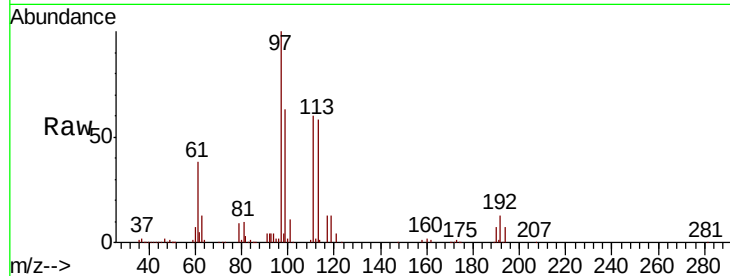




#35
 Dibromofluoromethane
 Concen: 47.113 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

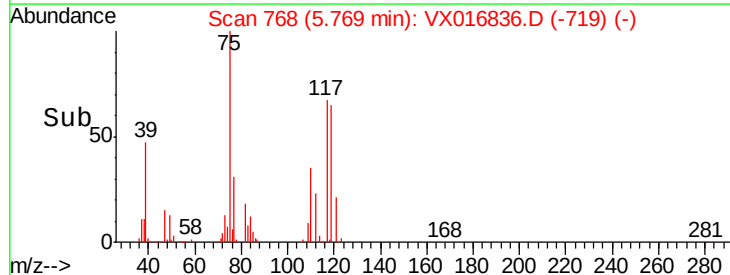
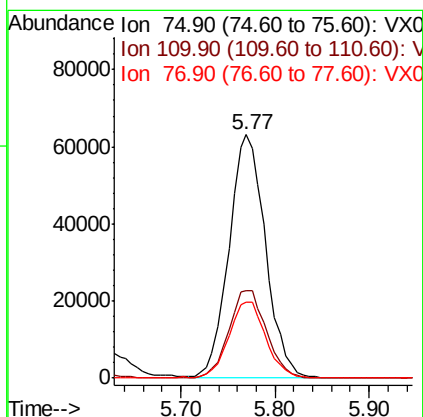
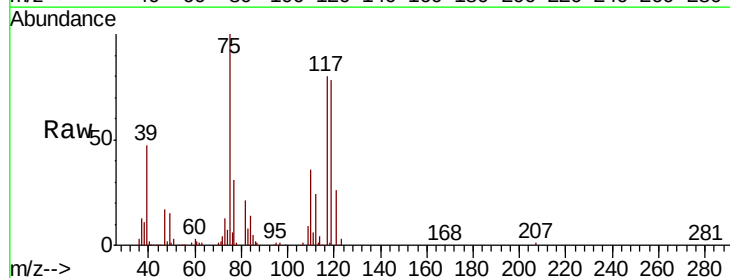
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

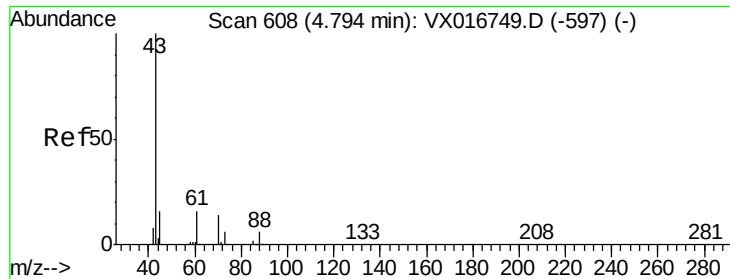
Tot Ion:113 Resp: 116343
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.8 122.6
 192 23.9 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 47.997 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Tgt Ion: 75 Resp: 169768
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.4 55.2
 77 32.4 24.7 37.1

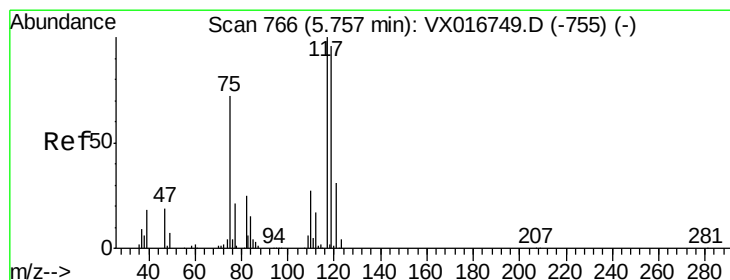
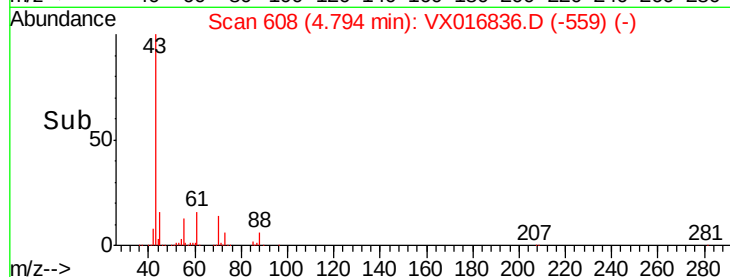
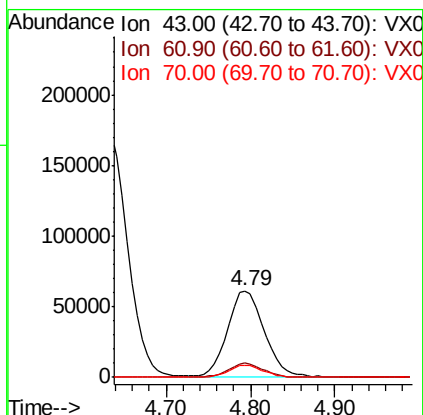
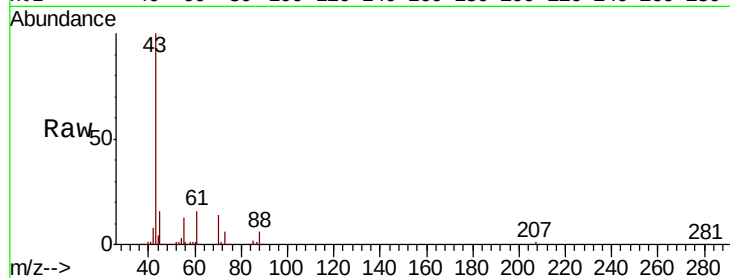




#37
Ethyl Acetate
Concen: 46.514 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

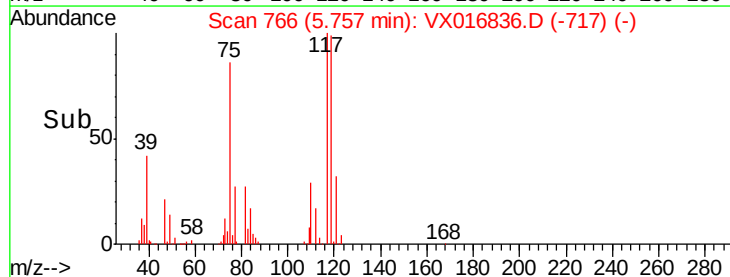
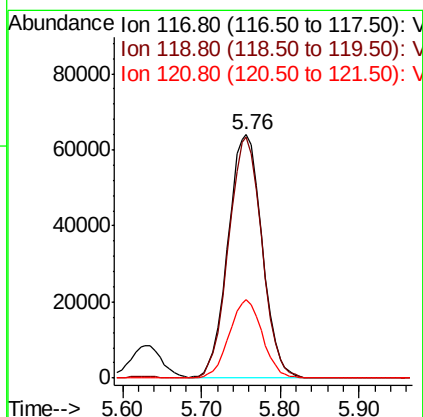
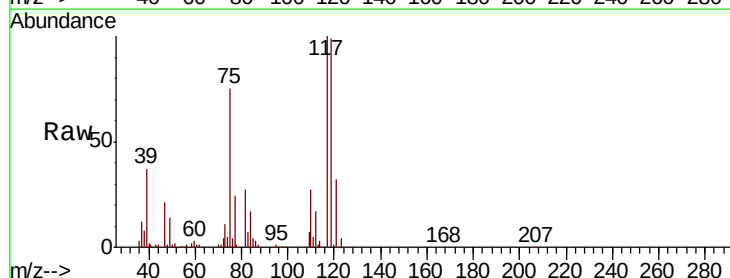
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

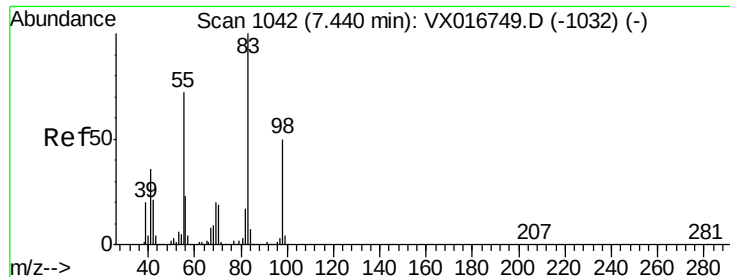
Tot Ion: 43 Resp: 180171
Ion Ratio Lower Upper
43 100
61 15.8 12.4 18.6
70 13.3 10.8 16.2



#38
Carbon Tetrachloride
Concen: 48.015 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion: 117 Resp: 192876
Ion Ratio Lower Upper
117 100
119 98.9 76.7 115.1
121 32.0 24.7 37.1

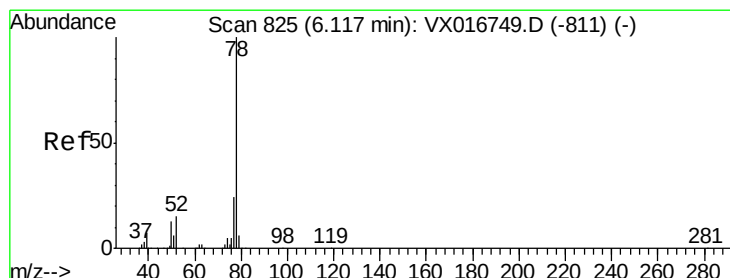
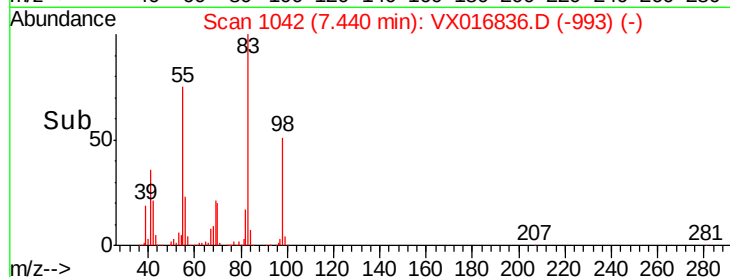
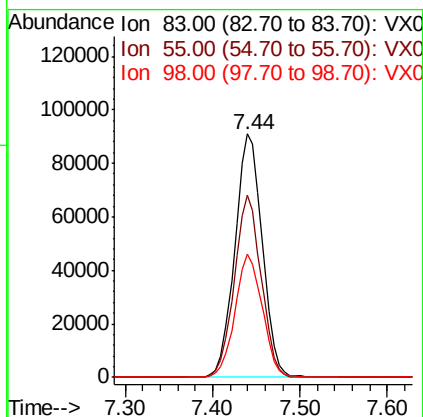
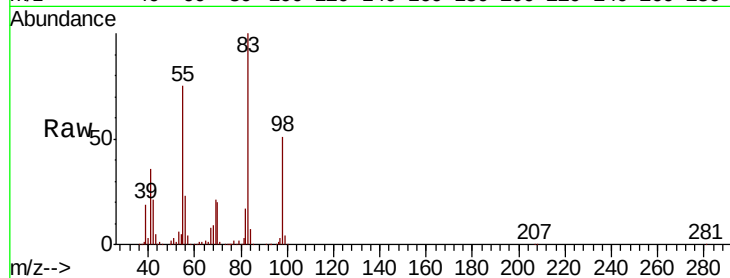




#39
Methylvlcyclohexane
Concen: 48.281 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

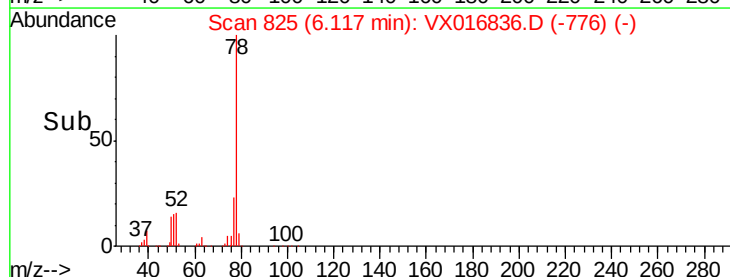
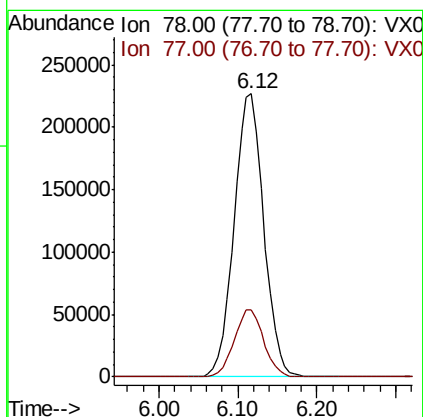
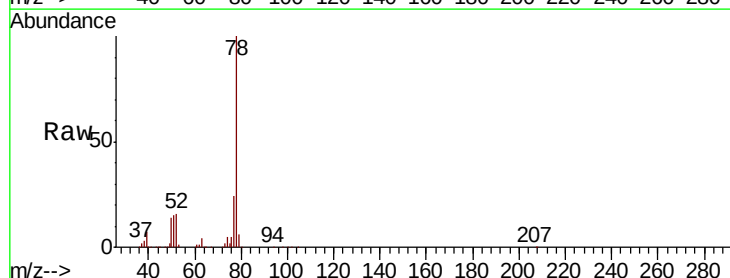
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

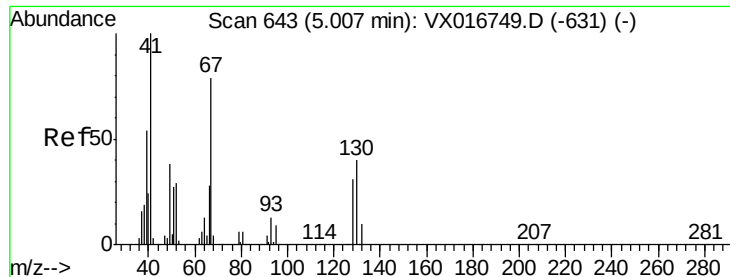
Tot Ion: 83 Resp: 197889
Ion Ratio Lower Upper
83 100
55 74.8 57.3 85.9
98 50.7 40.3 60.5



#40
Benzene
Concen: 54.985 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion: 78 Resp: 592146
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

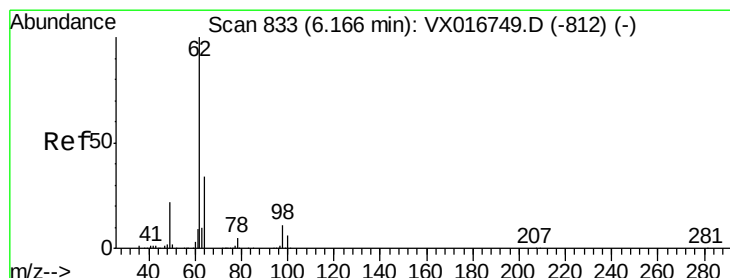
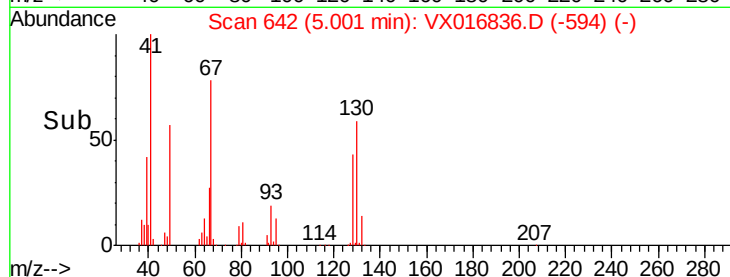
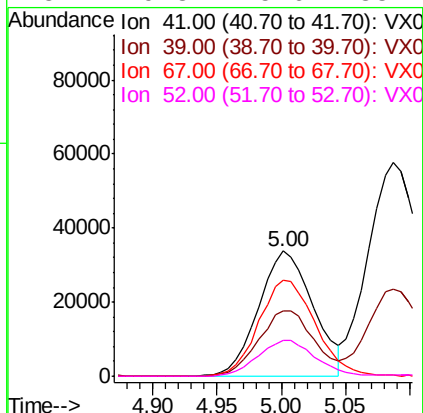
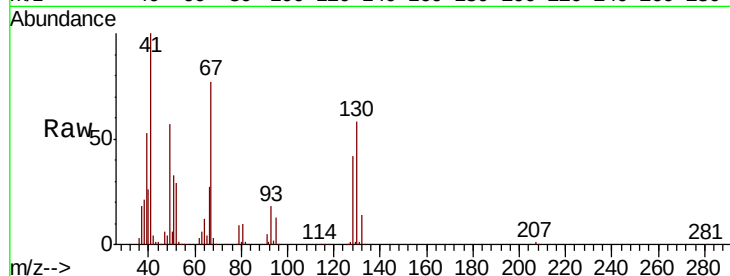




#41
Methacrylonitrile
Concen: 47.957 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

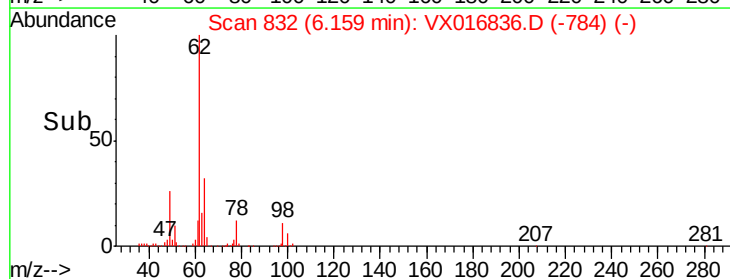
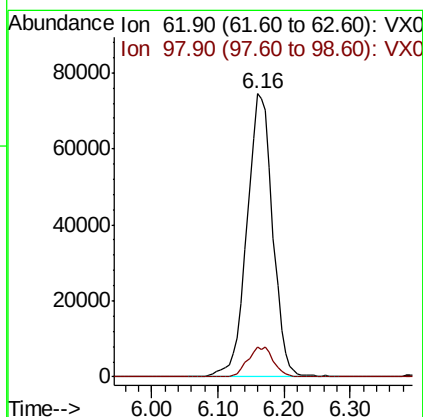
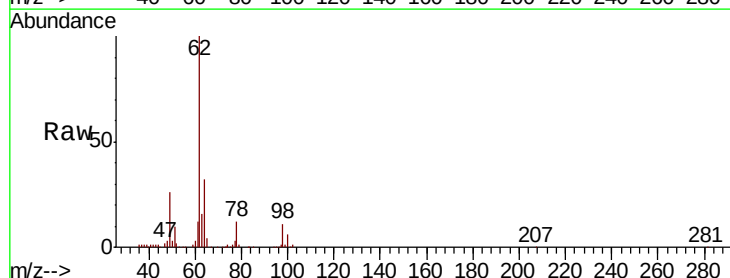
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

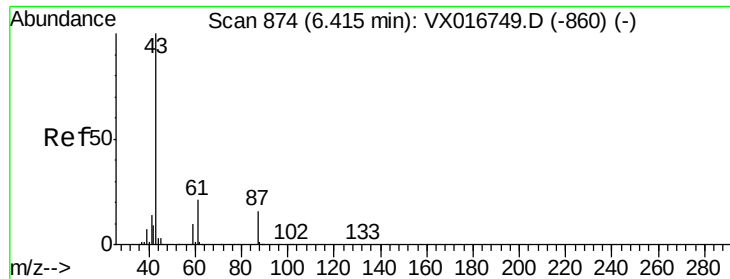
Tot Ion:	41	Resp:	99046
Ion	Ratio	Lower	Upper
41	100		
39	53.5	43.7	65.5
67	79.8	64.6	96.8
52	29.8	25.6	38.4



#42
1,2-Dichloroethane
Concen: 51.499 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion:	62	Resp:	202419
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.2





#43

Isopropyl Acetate

Concen: 54.661 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

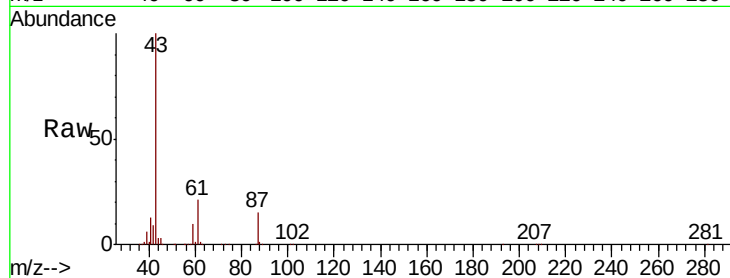
Tot Ion: 43 Resp: 331836

Ion Ratio Lower Upper

43 100

61 22.4 17.7 26.5

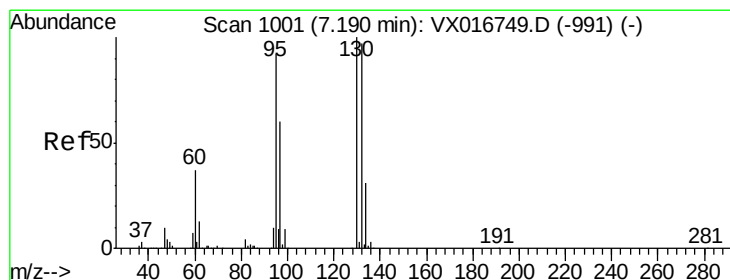
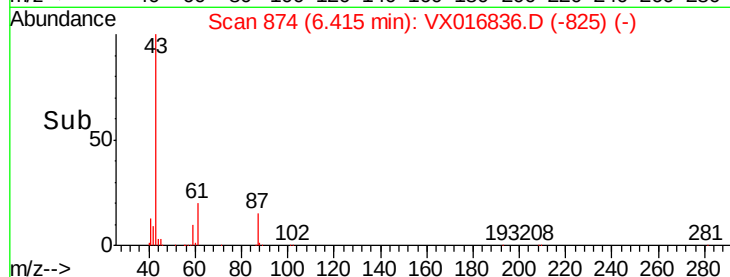
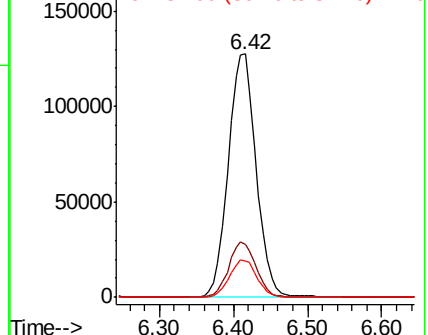
87 15.4 12.5 18.7



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: 47.448 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016836.D

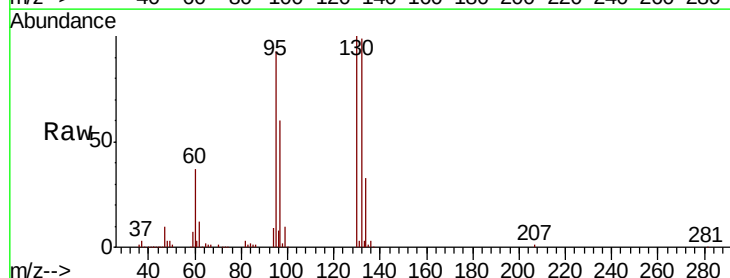
Acq: 17 Jun 2020 22:37

Tgt Ion:130 Resp: 158055

Ion Ratio Lower Upper

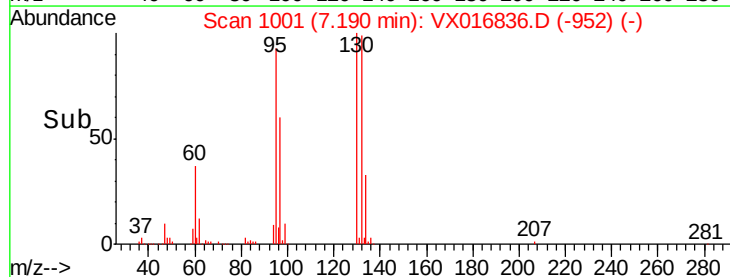
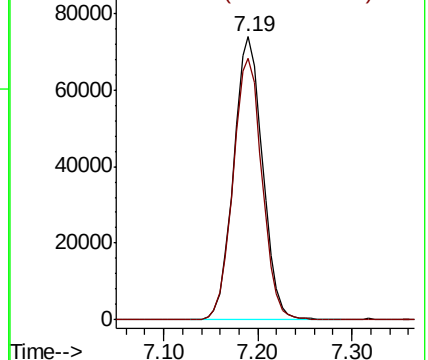
130 100

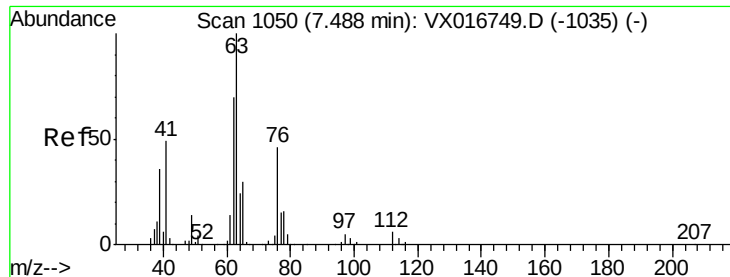
95 92.5 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.797 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

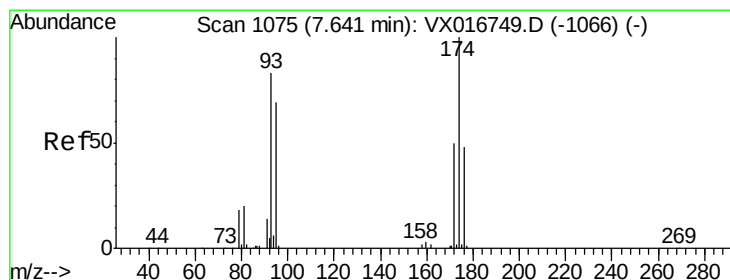
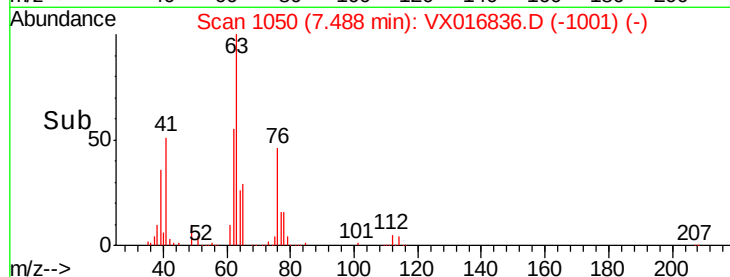
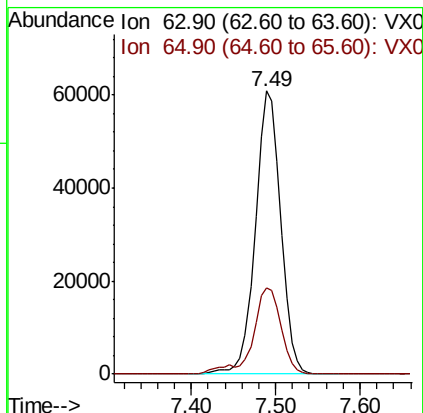
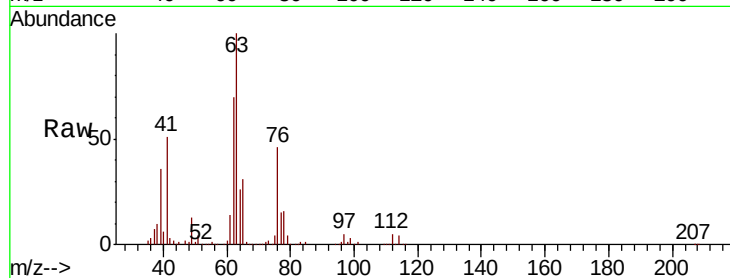
VSTDCCC050EC

Tot Ion: 63 Resp: 126180

Ion Ratio Lower Upper

63 100

65 30.6 24.2 36.2



#46

Dibromomethane

Concen: 46.641 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

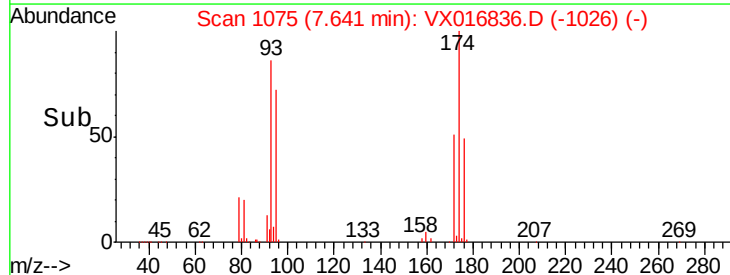
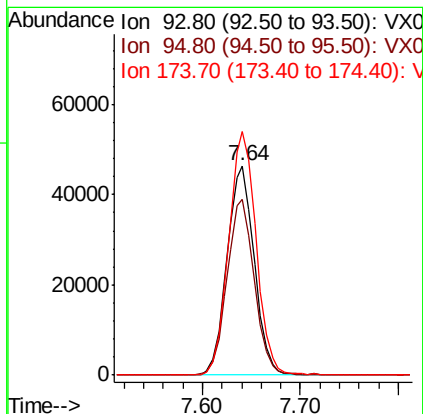
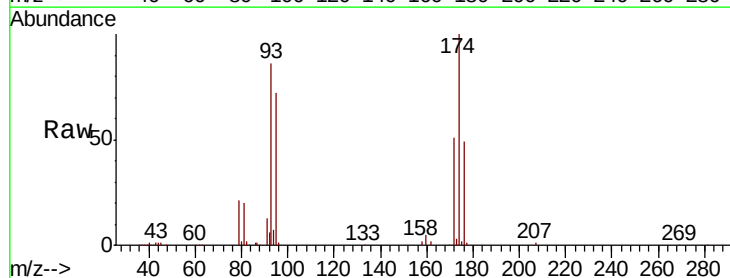
Tgt Ion: 93 Resp: 89741

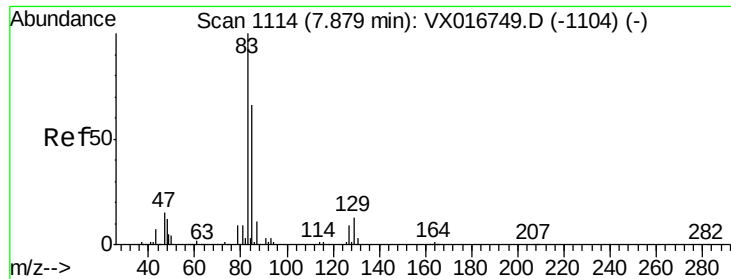
Ion Ratio Lower Upper

93 100

95 83.6 66.9 100.3

174 117.0 93.8 140.8

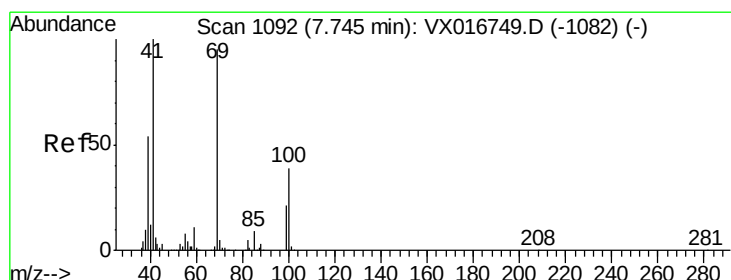
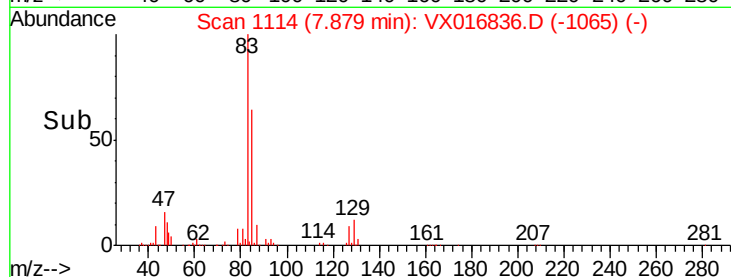
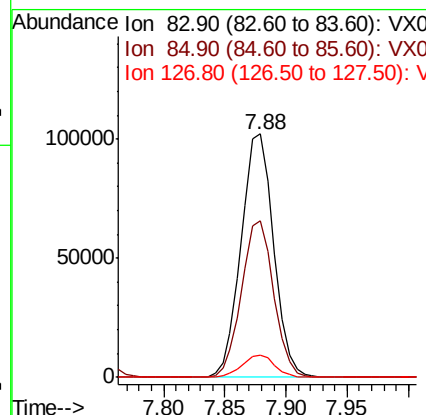
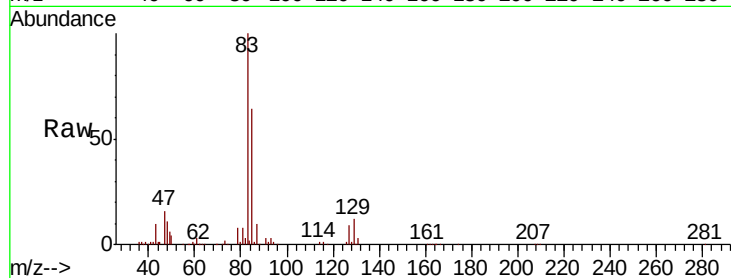




#47
 Bromodichloromethane
 Concen: 47.191 ug/l
 RT: 7.88 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

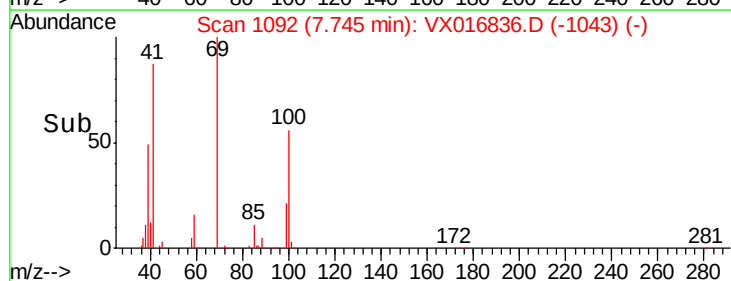
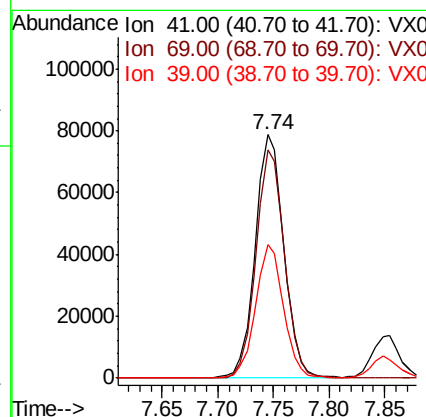
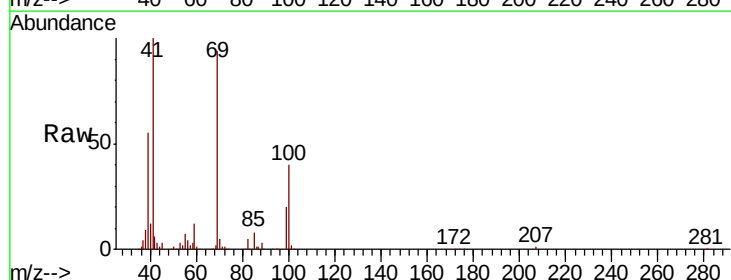
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

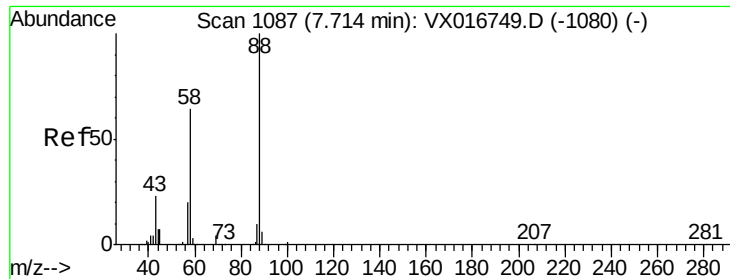
Tot Ion	83	Resp	189297
Ion Ratio	Lower	Upper	
83	100		
85	64.1	52.5	78.7
127	9.0	7.5	11.3



#48
 Methyl methacrylate
 Concen: 49.108 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Tgt Ion	41	Resp	141299
Ion Ratio	Lower	Upper	
41	100		
69	93.3	75.0	112.6
39	53.7	44.3	66.5





#49

1,4-Dioxane

Concen: 935.358 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

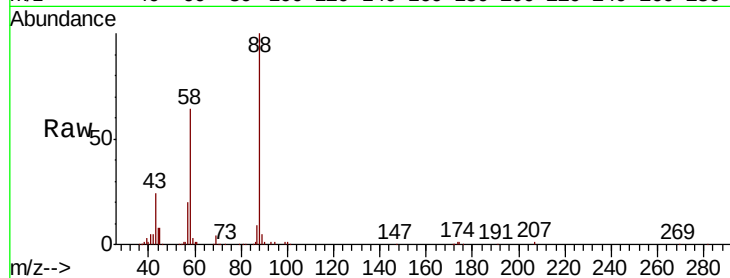
Tot Ion: 88 Resp: 66603

Ion Ratio Lower Upper

88 100

43 29.9 22.9 34.3

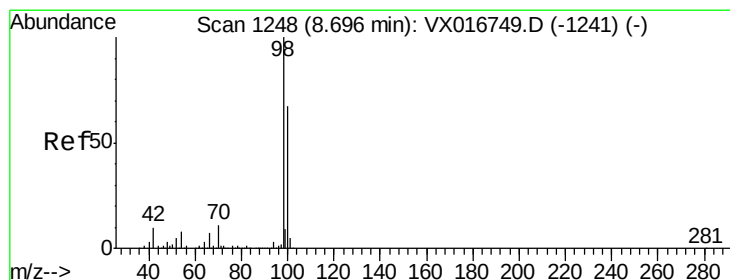
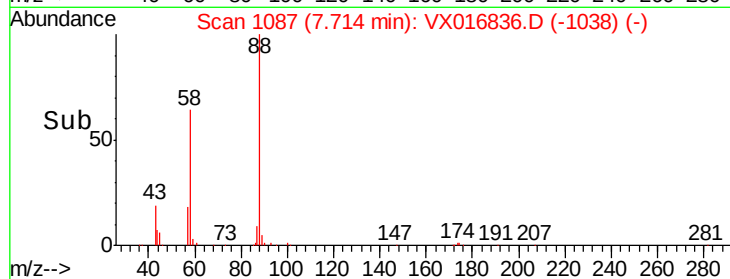
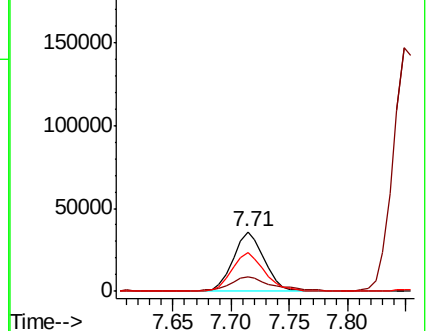
58 67.5 53.7 80.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.916 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016836.D

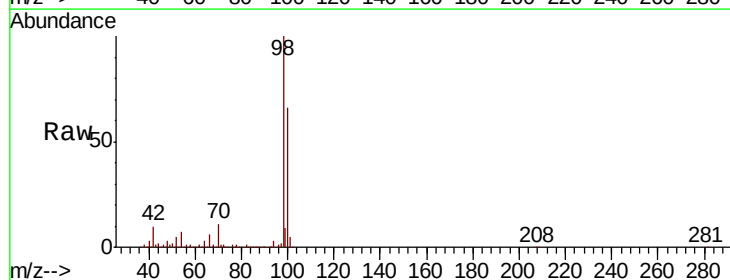
Acq: 17 Jun 2020 22:37

Tgt Ion: 98 Resp: 445402

Ion Ratio Lower Upper

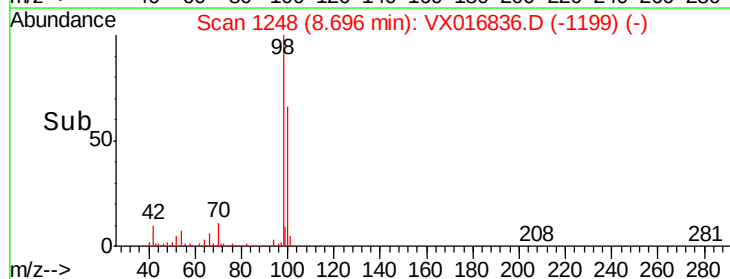
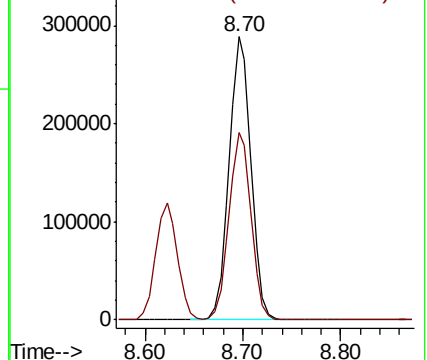
98 100

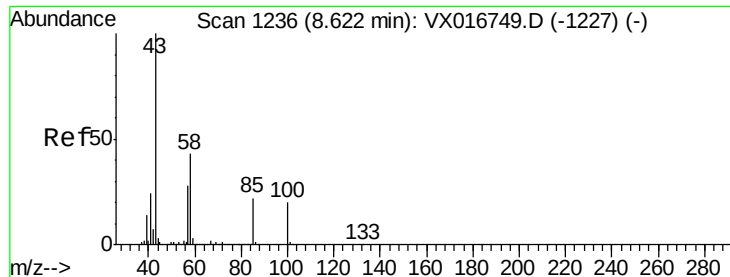
100 67.2 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 248.368 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

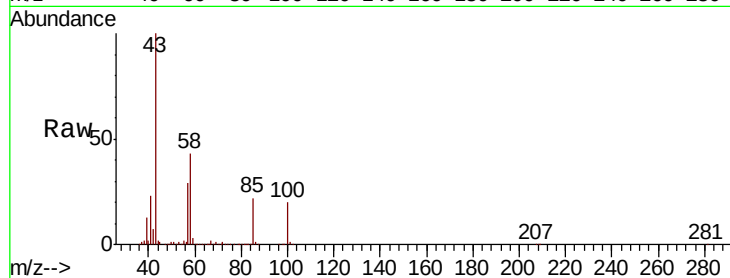
VSTDCCC050EC

Tot Ion: 43 Resp: 929118

Ion Ratio Lower Upper

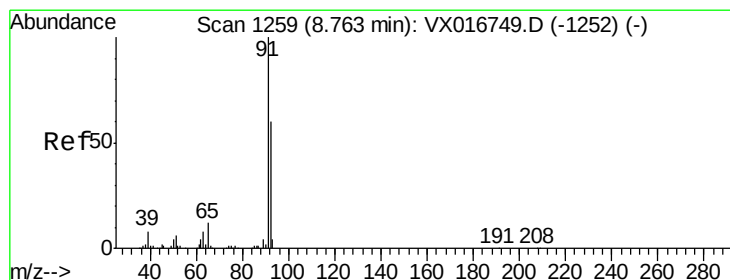
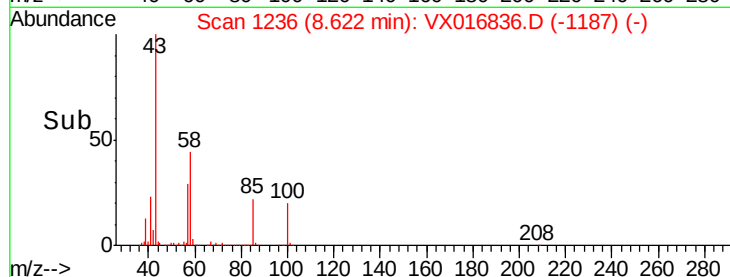
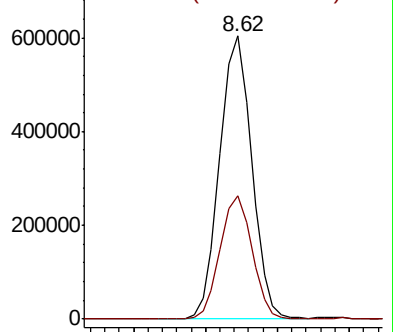
43 100

58 43.7 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.952 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016836.D

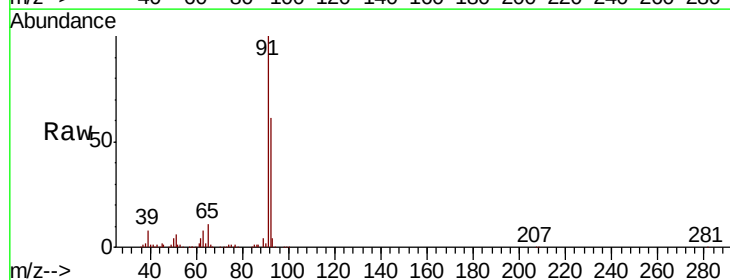
Acq: 17 Jun 2020 22:37

Tgt Ion: 92 Resp: 335428

Ion Ratio Lower Upper

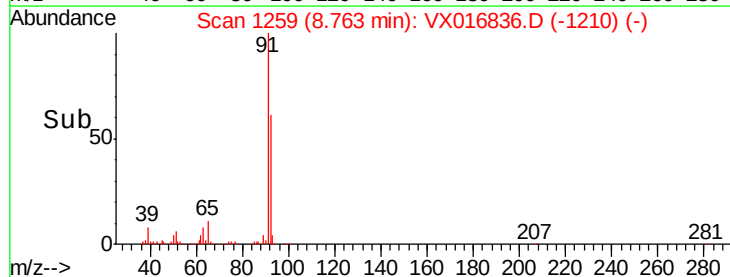
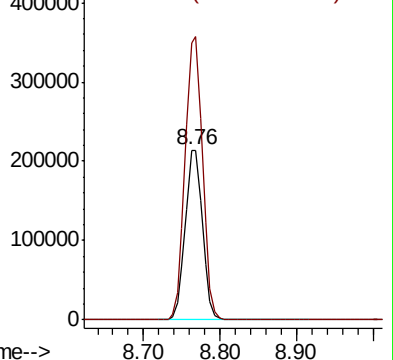
92 100

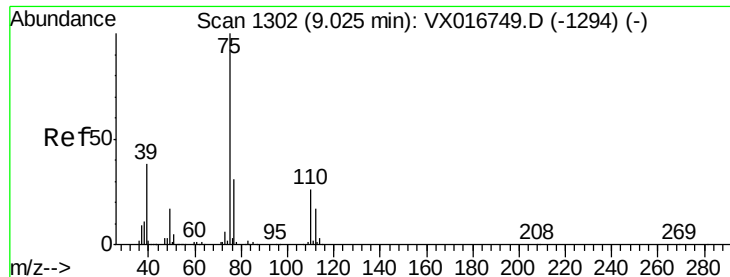
91 168.7 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 55.812 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

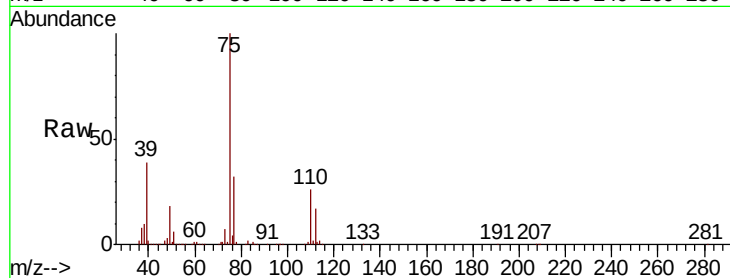
VSTDCCC050EC

Tot Ion: 75 Resp: 252867

Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

150000

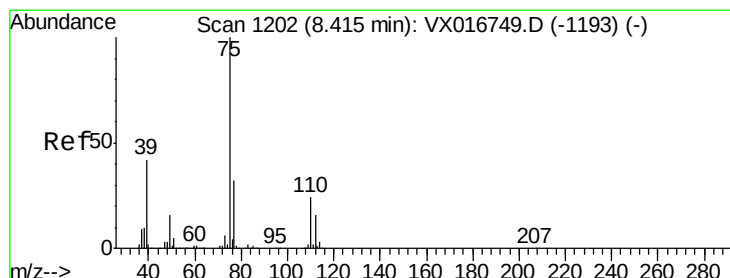
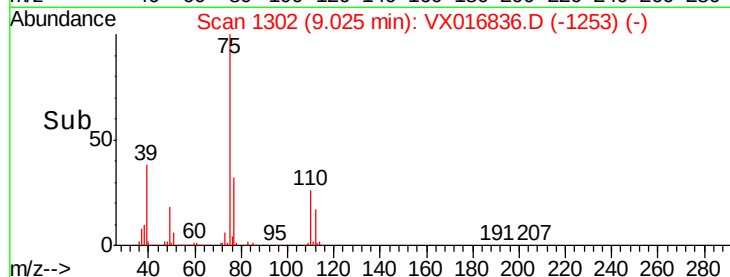
100000

50000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 46.516 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

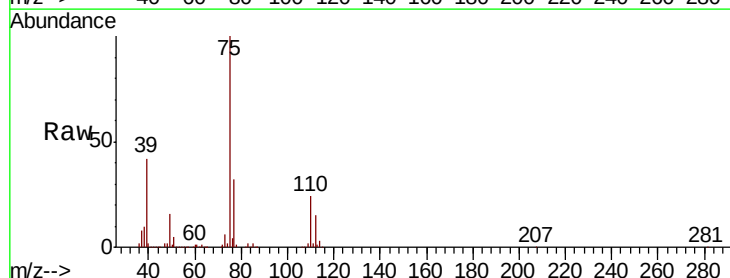
Tgt Ion: 75 Resp: 219832

Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

39 41.9 33.7 50.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

150000

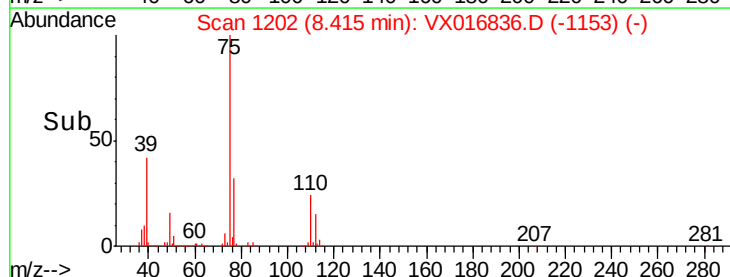
100000

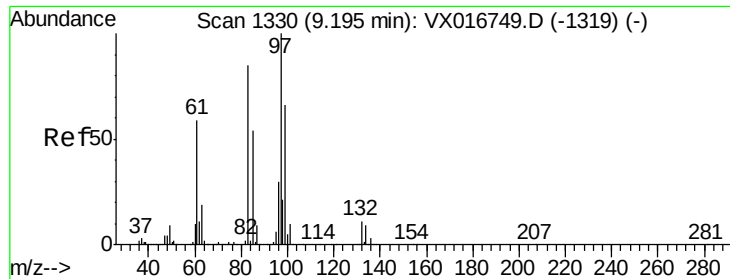
50000

0

8.30 8.35 8.40 8.45 8.50

Time-->

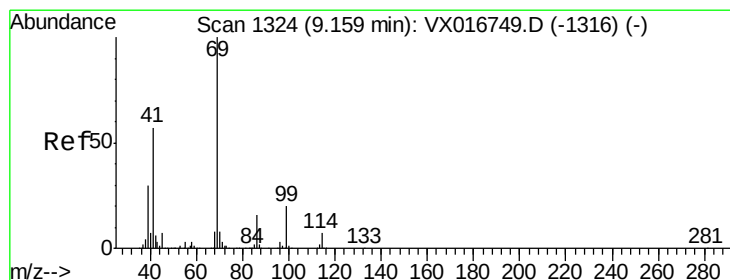
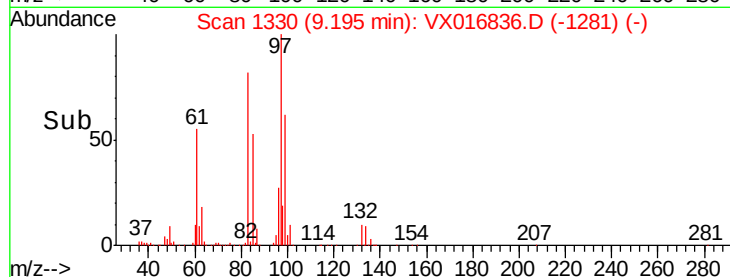
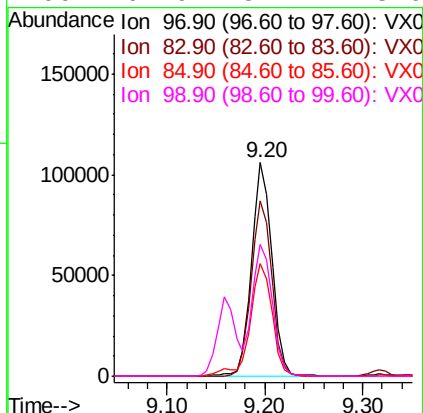
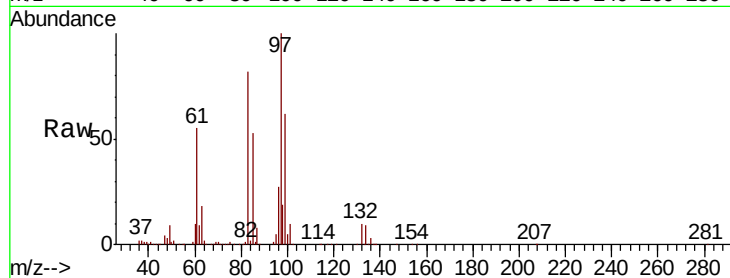




#55
 1,1,2-Trichloroethane
 Concen: 54.668 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

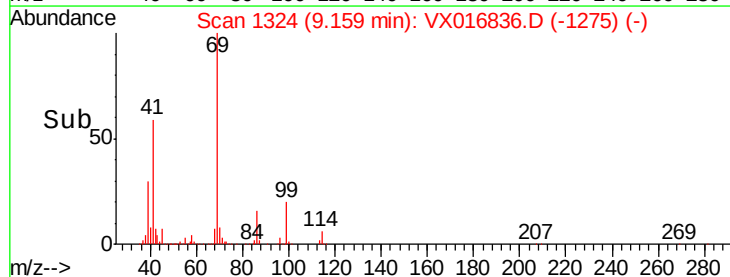
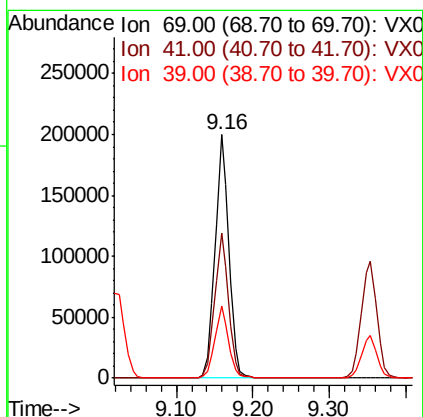
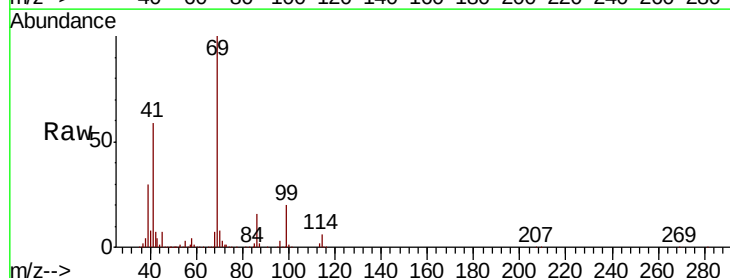
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

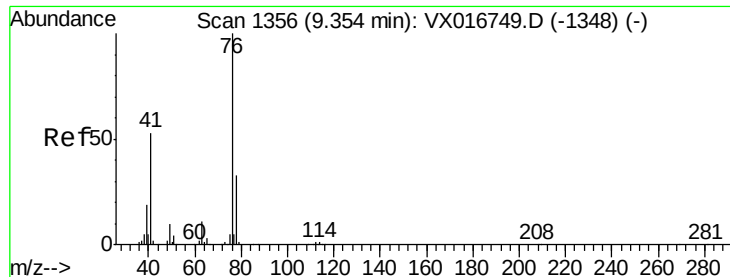
Tot Ion:	97	Resp:	153790
Ion	Ratio	Lower	Upper
97	100		
83	82.3	68.3	102.5
85	53.0	43.5	65.3
99	61.9	52.4	78.6



#56
 Ethyl methacrylate
 Concen: 59.284 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Tgt Ion:	69	Resp:	249701
Ion	Ratio	Lower	Upper
69	100		
41	59.7	47.1	70.7
39	29.4	25.0	37.6





#57

1,3-Dichloropropane

Concen: 53.700 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

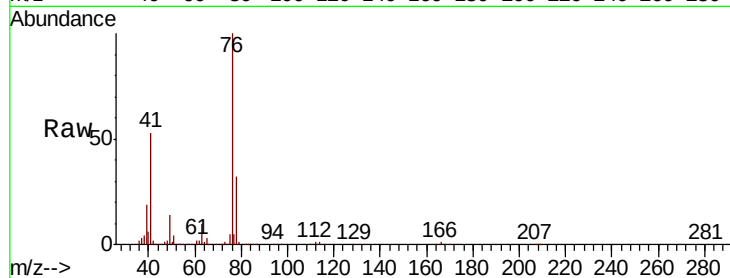
VSTDCCC050EC

Tot Ion: 76 Resp: 253937

Ion Ratio Lower Upper

76 100

78 32.4 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

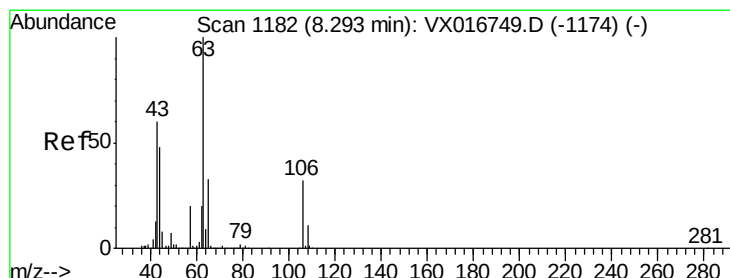
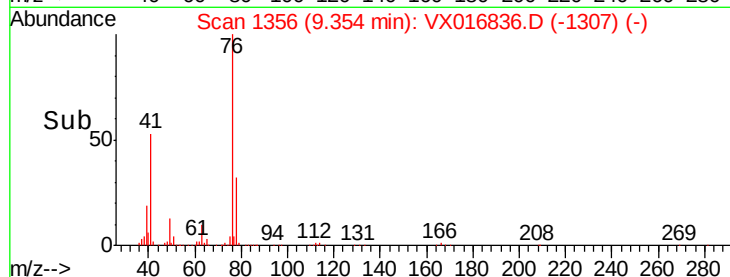
100000

50000

0

9.25 9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 259.956 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016836.D

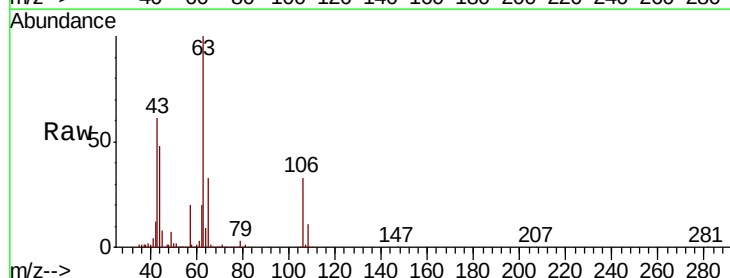
Acq: 17 Jun 2020 22:37

Tgt Ion: 63 Resp: 538358

Ion Ratio Lower Upper

63 100

106 32.2 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

300000

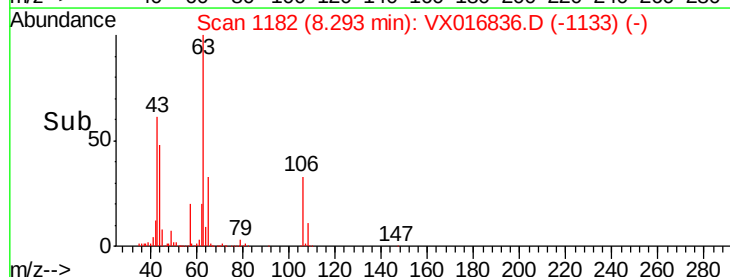
200000

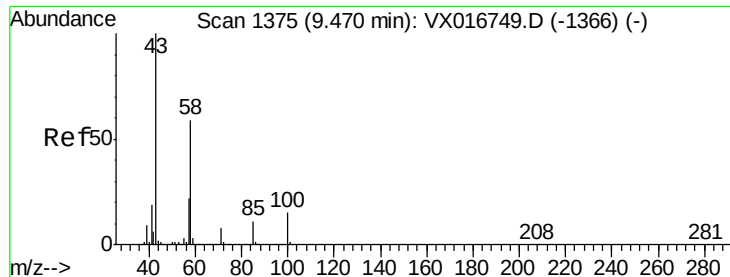
100000

0

8.20 8.25 8.30 8.35 8.40

Time-->

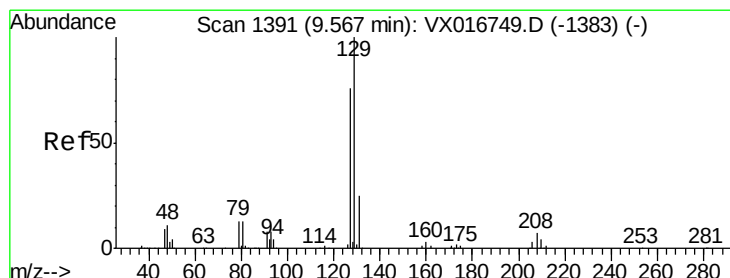
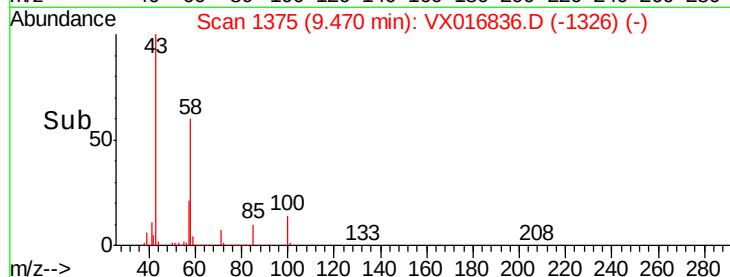
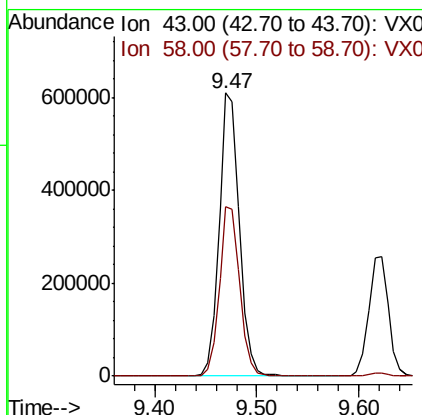
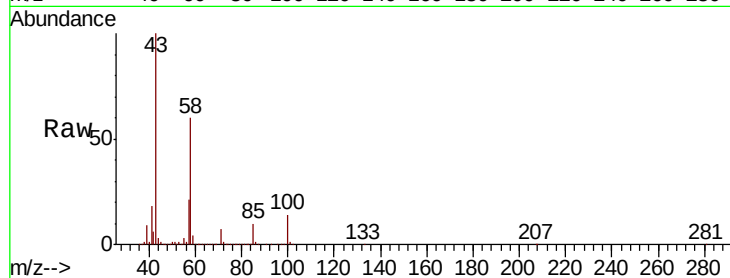




#59
2-Hexanone
Concen: 291.733 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

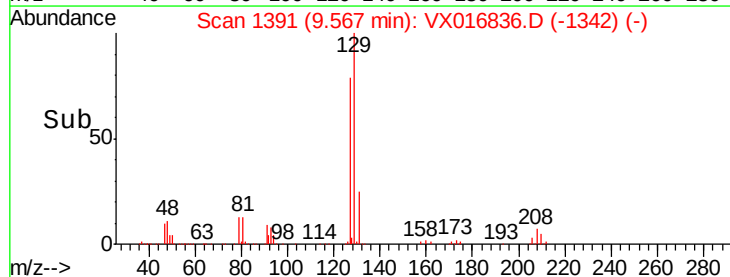
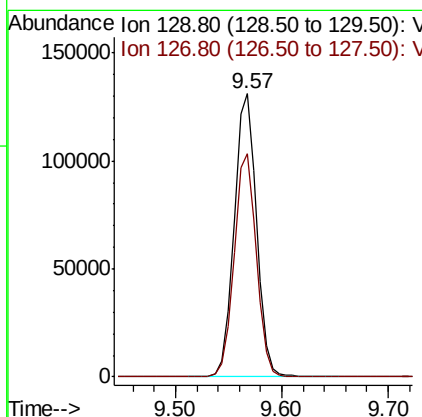
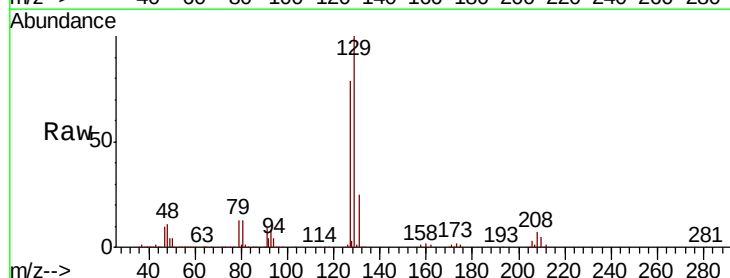
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

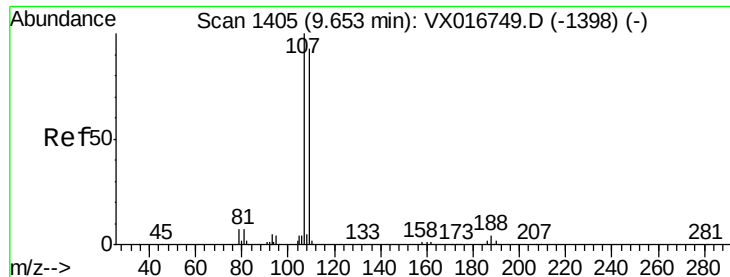
Tot Ion: 43 Resp: 842475
Ion Ratio Lower Upper
43 100
58 60.3 29.9 89.8



#60
Dibromochloromethane
Concen: 57.939 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion: 129 Resp: 192634
Ion Ratio Lower Upper
129 100
127 78.5 38.7 116.1





#61

1,2-Dibromoethane

Concen: 58.673 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

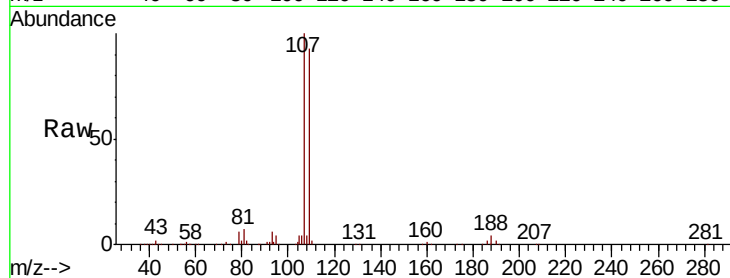
VSTDCCC050EC

Tot Ion:107 Resp: 179883

Ion Ratio Lower Upper

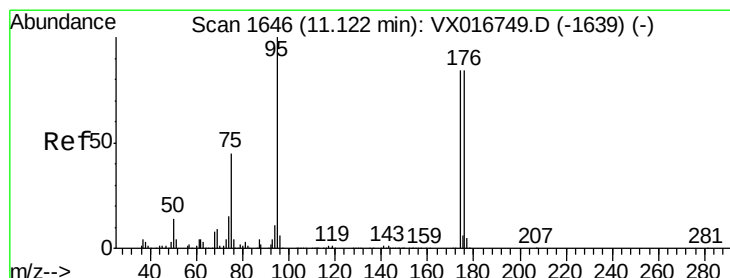
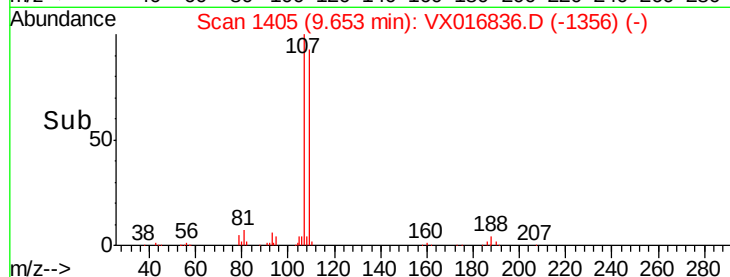
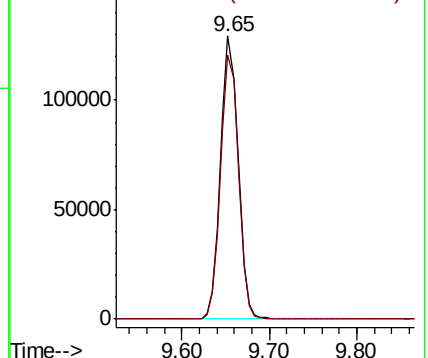
107 100

109 95.0 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.324 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

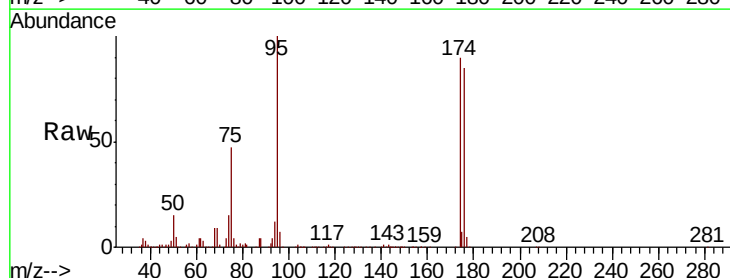
Tgt Ion: 95 Resp: 171788

Ion Ratio Lower Upper

95 100

174 88.4 0.0 171.0

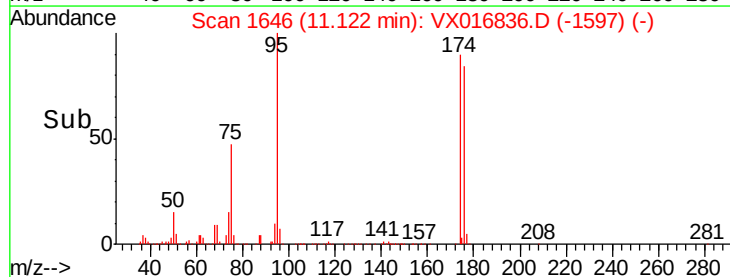
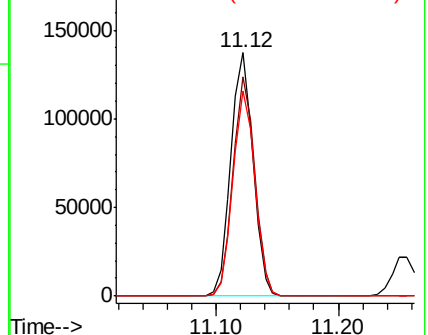
176 83.7 0.0 166.2

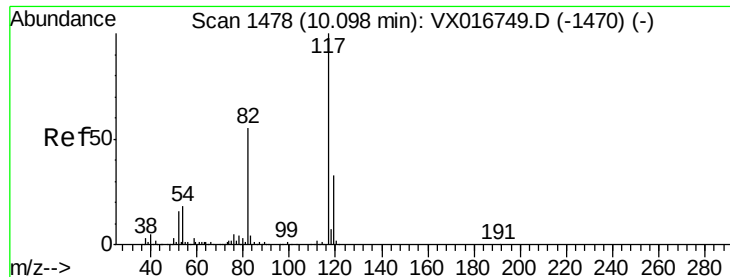


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

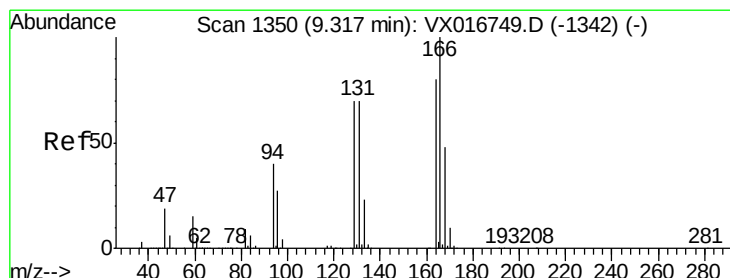
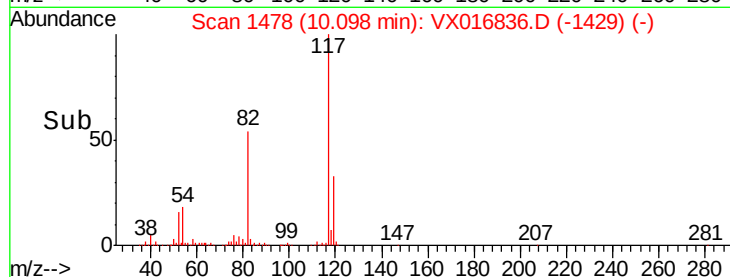
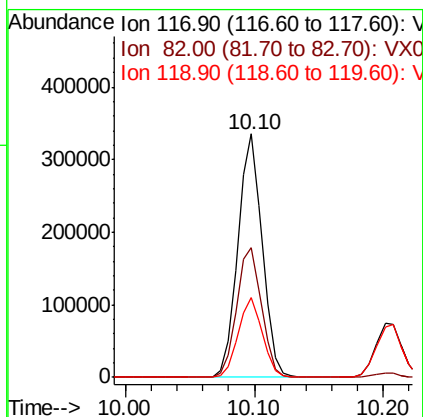
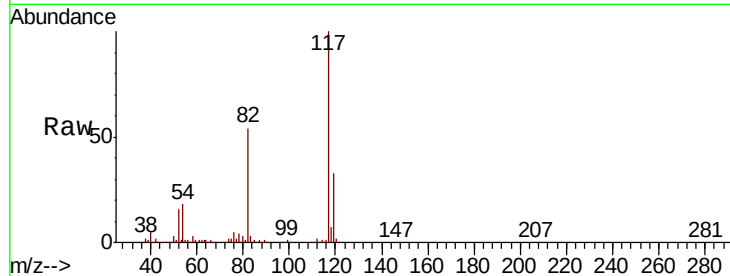




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

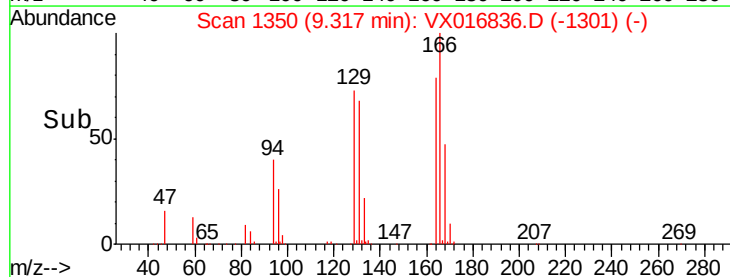
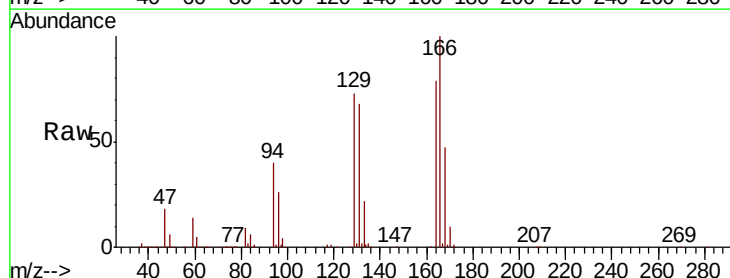
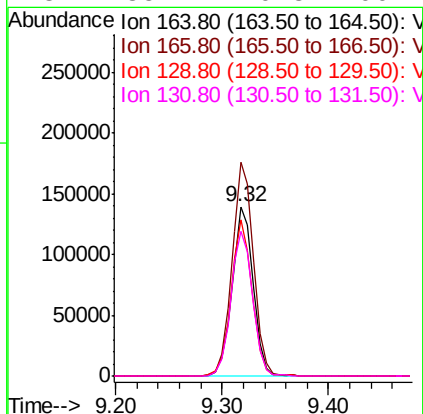
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

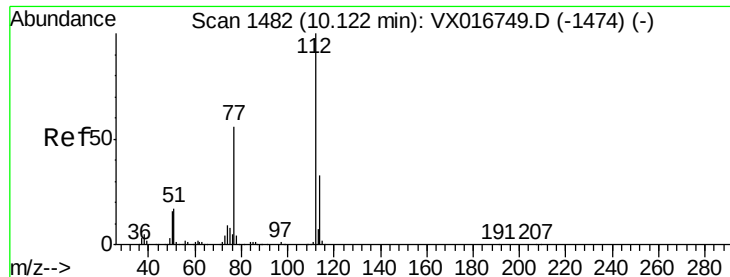
Tot Ion:117 Resp: 438178
Ion Ratio Lower Upper
117 100
82 53.5 43.8 65.6
119 32.9 26.2 39.4



#64
Tetrachloroethene
Concen: 45.852 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion:164 Resp: 192929
Ion Ratio Lower Upper
164 100
166 126.1 100.6 150.8
129 92.1 70.1 105.1
131 85.7 70.8 106.2

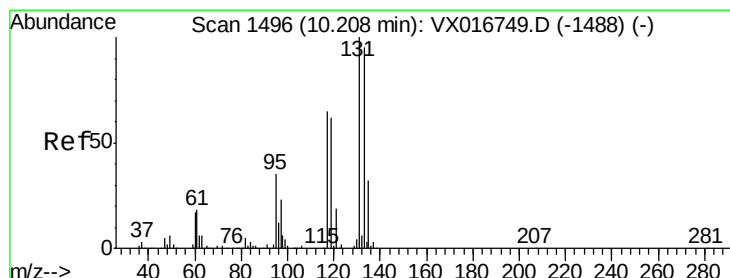
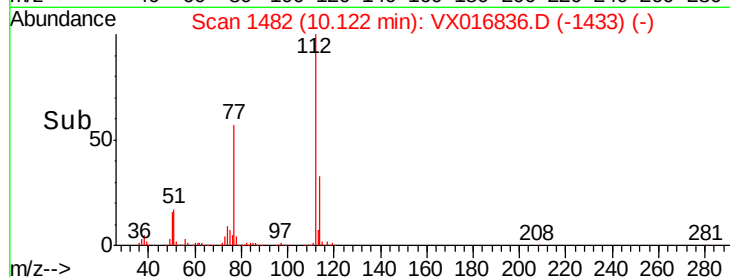
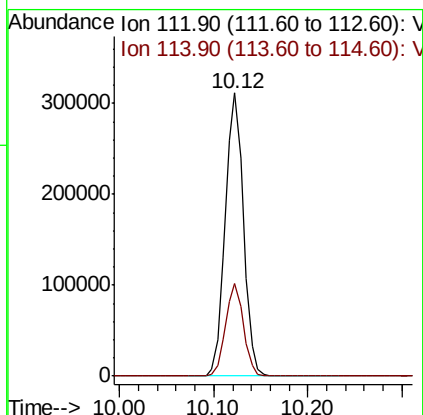
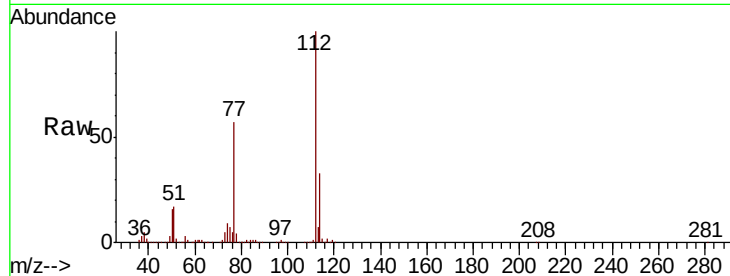




#65
Chlorobenzene
Concen: 46.970 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

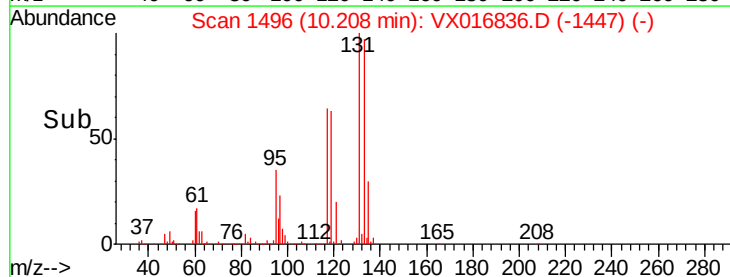
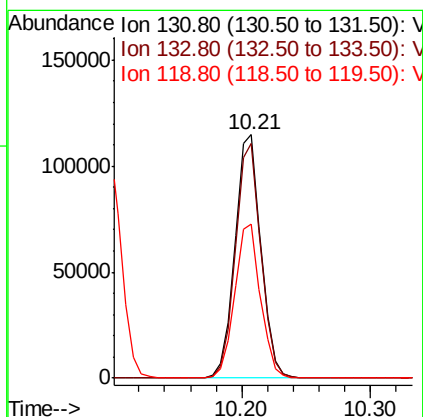
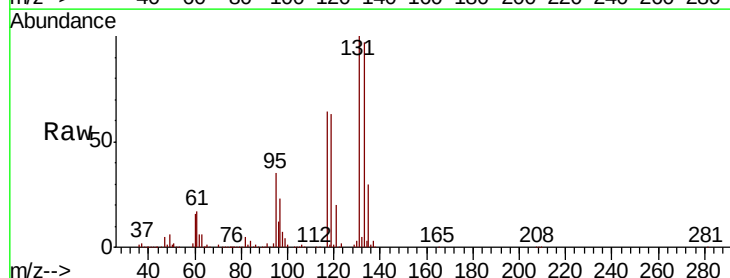
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

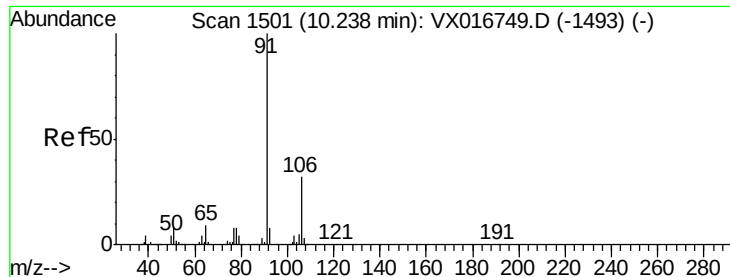
Tot Ion:112 Resp: 417613
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 45.298 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion:131 Resp: 160668
Ion Ratio Lower Upper
131 100
133 94.9 46.8 140.3
119 63.0 31.4 94.0





#67

Ethyl Benzene

Concen: 47.415 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

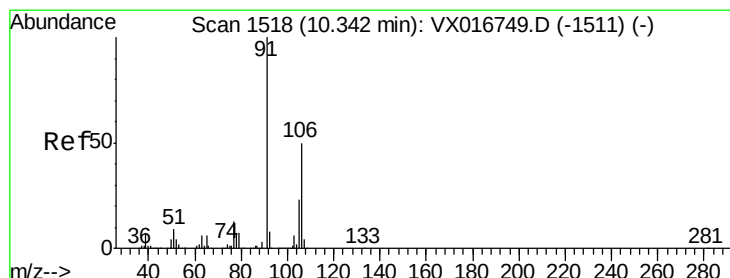
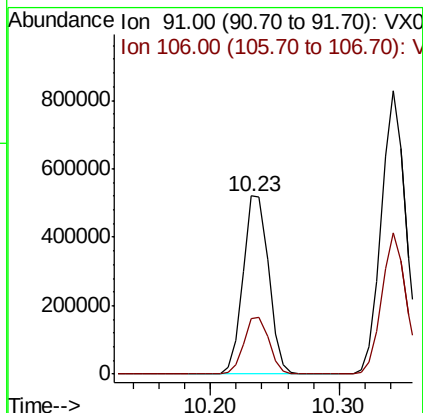
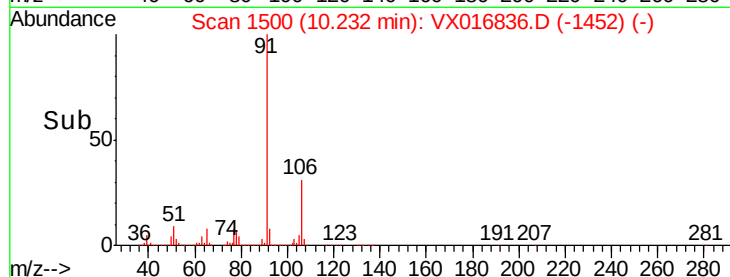
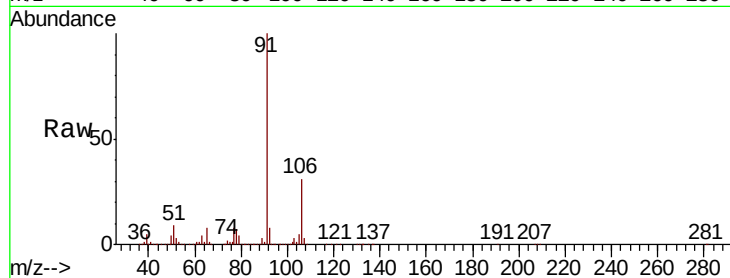
VSTDCCC050EC

Tot Ion: 91 Resp: 712677

Ion Ratio Lower Upper

91 100

106 31.3 25.3 37.9



#68

m/p-Xylenes

Concen: 93.947 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016836.D

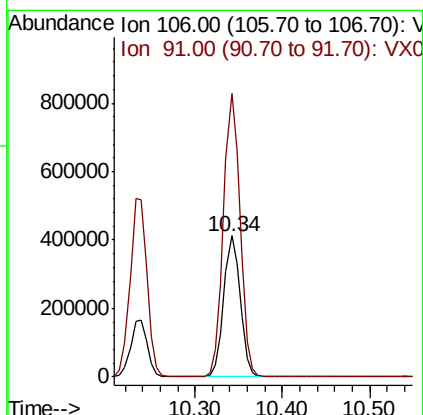
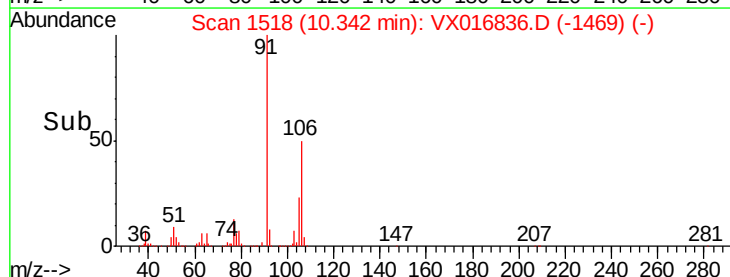
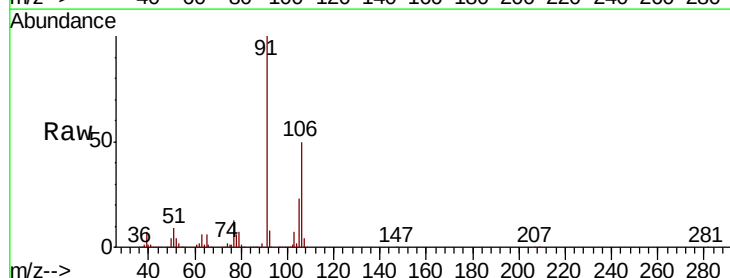
Acq: 17 Jun 2020 22:37

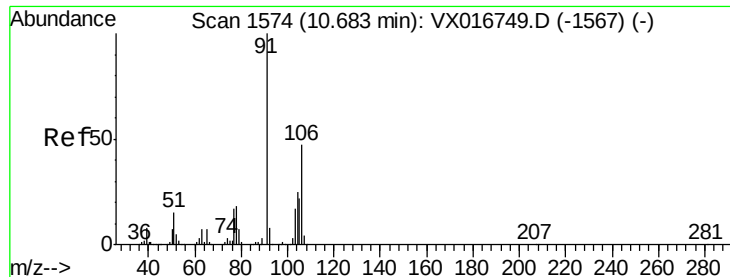
Tgt Ion: 106 Resp: 535396

Ion Ratio Lower Upper

106 100

91 202.6 161.2 241.8

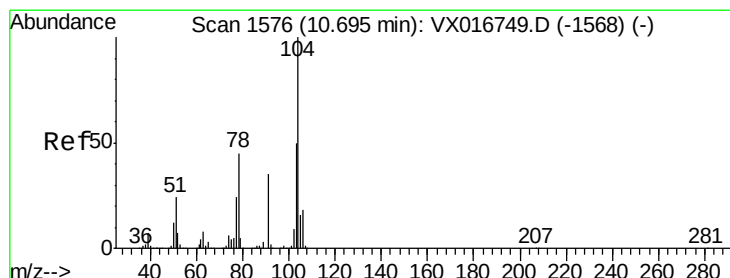
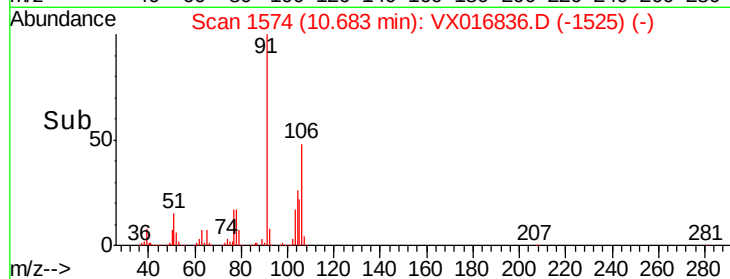
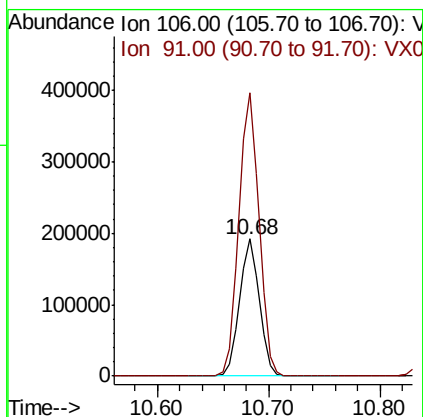
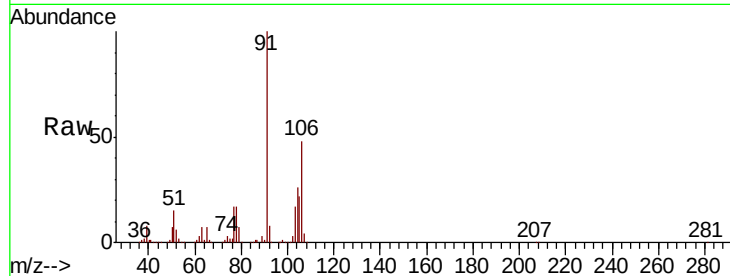




#69
o-Xylene
Concen: 43.037 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

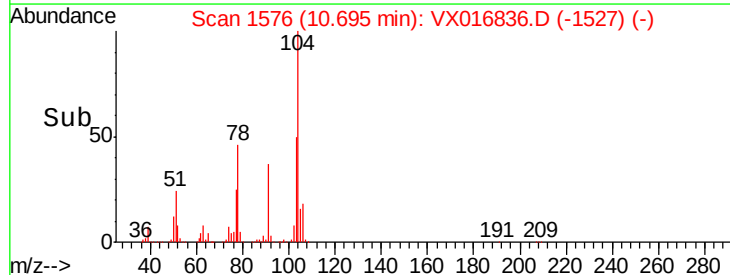
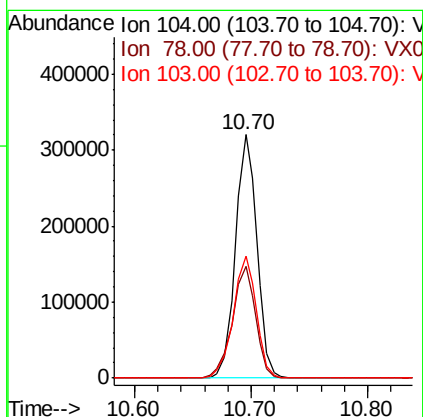
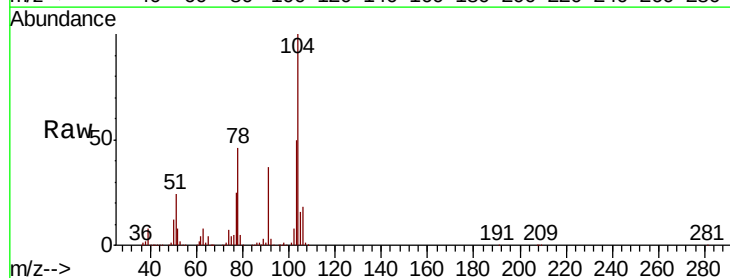
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

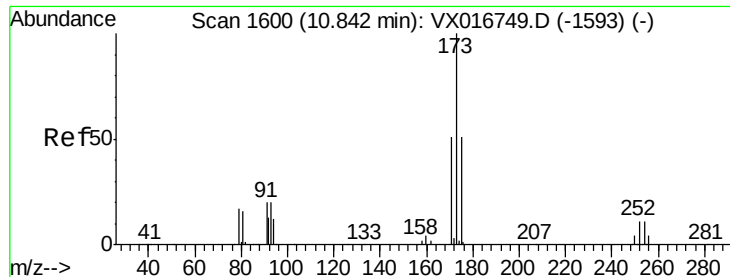
Tot Ion:106 Resp: 236286
Ion Ratio Lower Upper
106 100
91 211.0 106.9 320.8



#70
Styrene
Concen: 43.390 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion:104 Resp: 411820
Ion Ratio Lower Upper
104 100
78 49.6 39.8 59.8
103 53.7 43.4 65.2





#71

Bromoform

Concen: 42.850 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

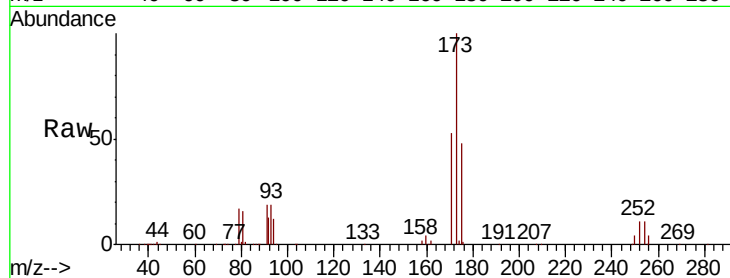
Tot Ion:173 Resp: 129676

Ion Ratio Lower Upper

173 100

175 48.6 25.1 75.4

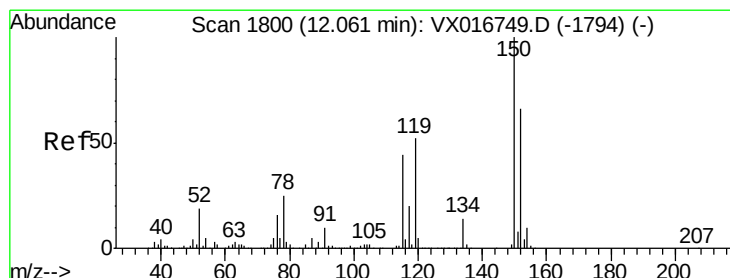
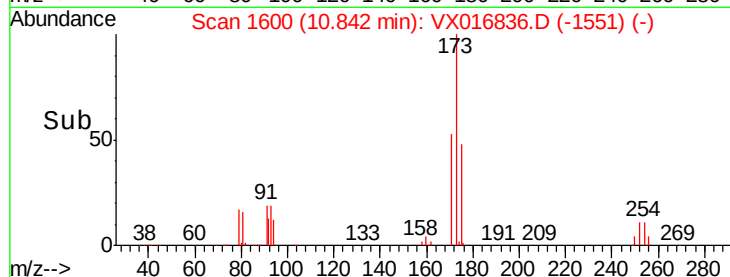
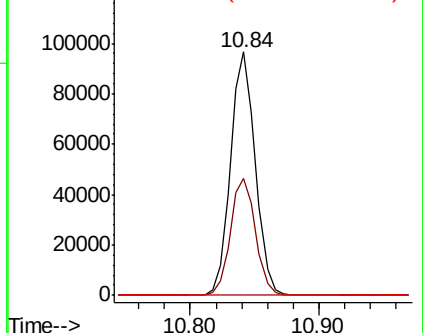
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

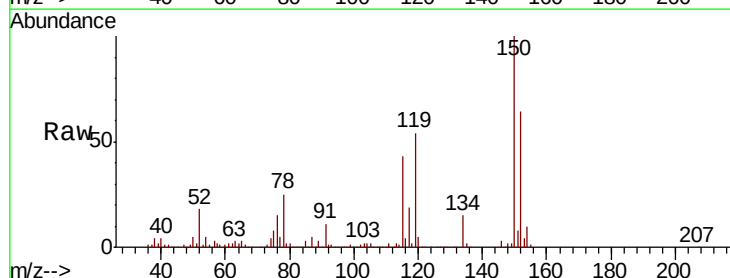
Tgt Ion:152 Resp: 205372

Ion Ratio Lower Upper

152 100

115 78.1 40.3 120.8

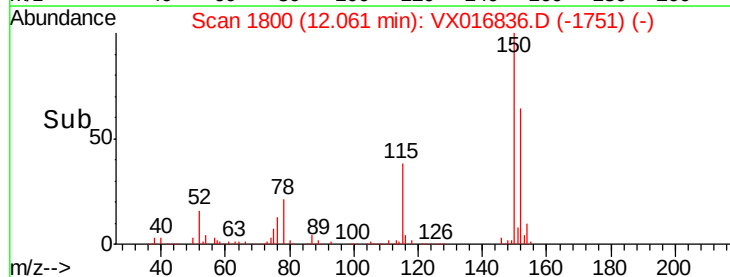
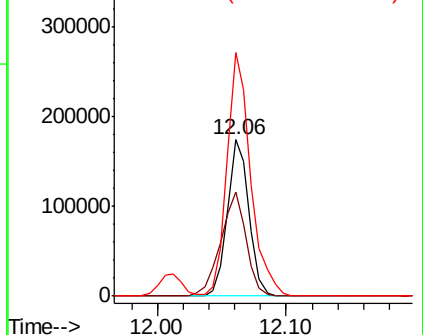
150 170.1 0.0 337.4

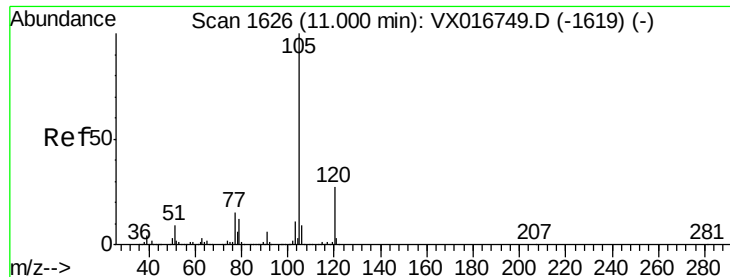


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.262 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

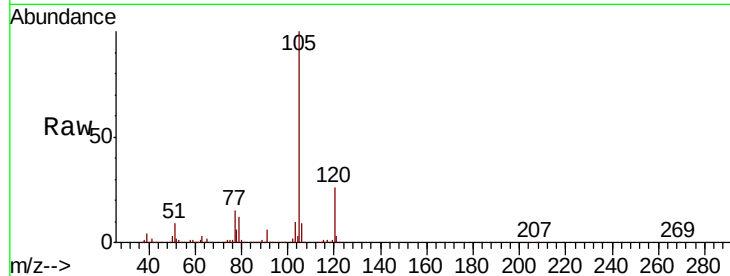
VSTDCCC050EC

Tot Ion:105 Resp: 636884

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

500000

400000

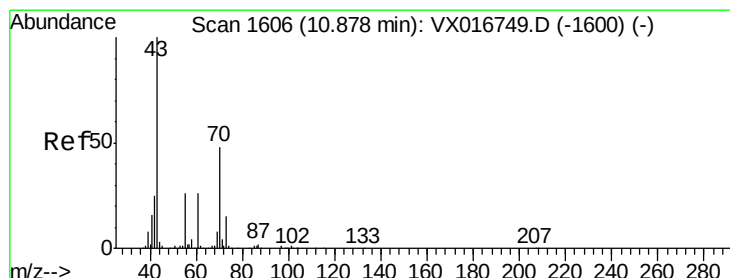
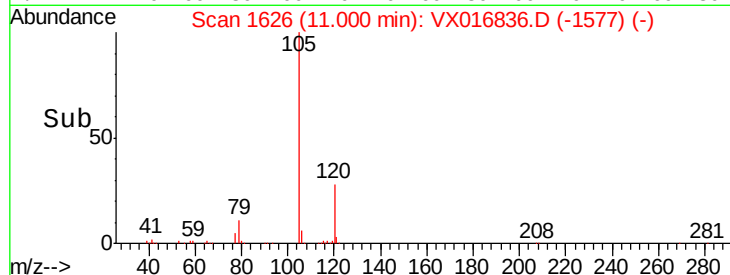
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 47.874 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Tgt Ion: 43 Resp: 250740

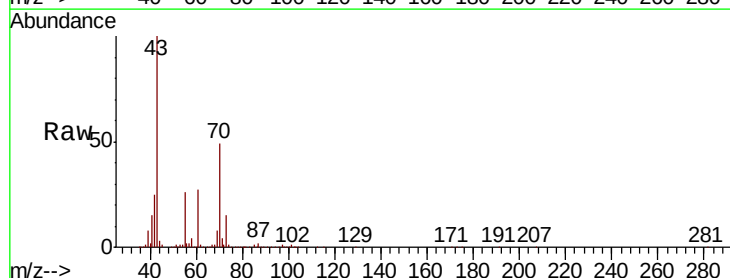
Ion Ratio Lower Upper

43 100

70 49.8 39.8 59.6

55 26.6 21.7 32.5

61 27.4 21.6 32.4



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

300000

250000

200000

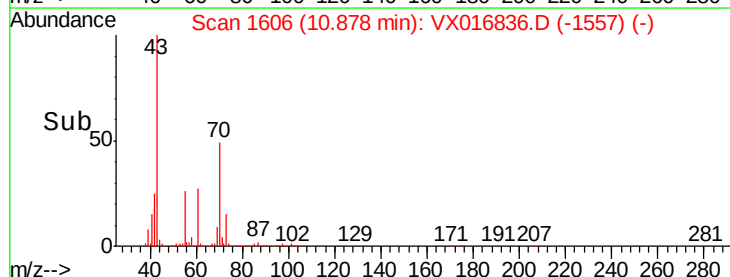
150000

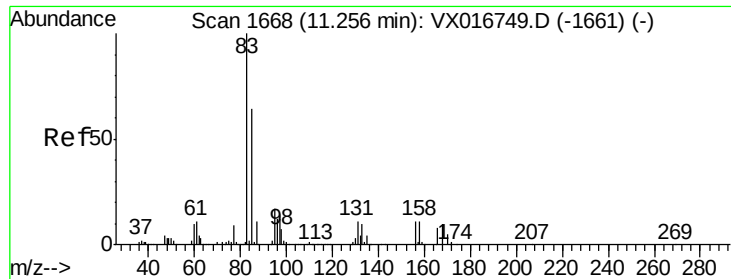
100000

50000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 45.551 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

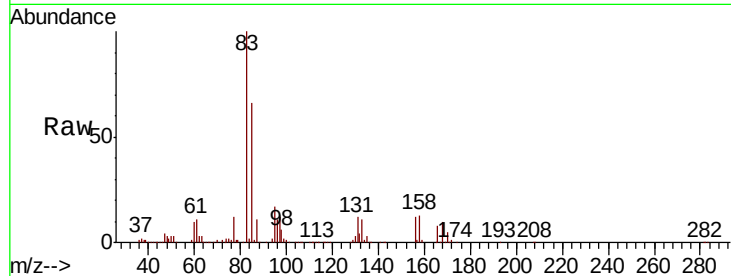
Tot Ion: 83 Resp: 180565

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

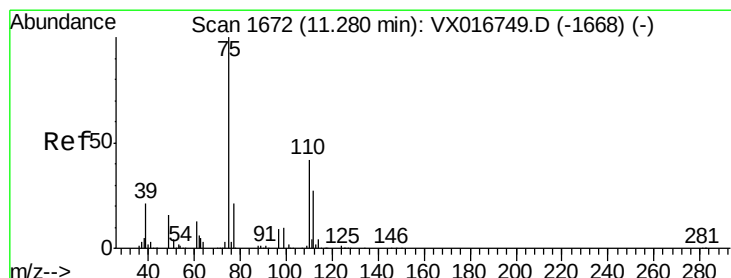
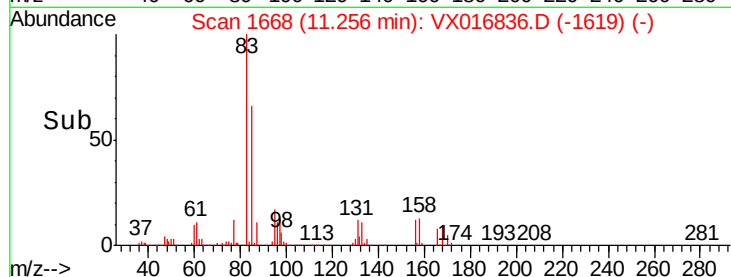
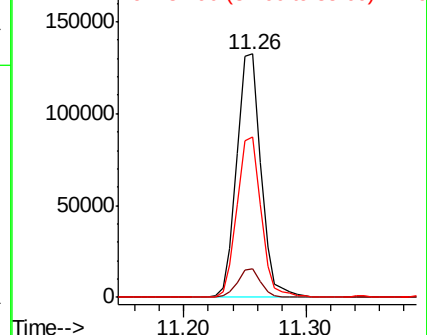
85 65.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 57.659 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016836.D

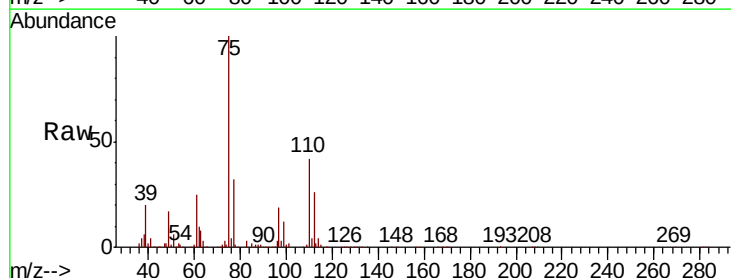
Acq: 17 Jun 2020 22:37

Tgt Ion: 75 Resp: 249022

Ion Ratio Lower Upper

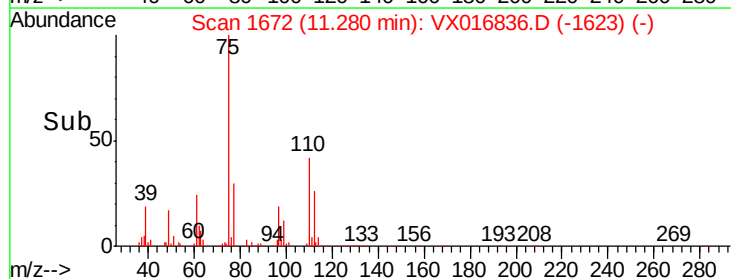
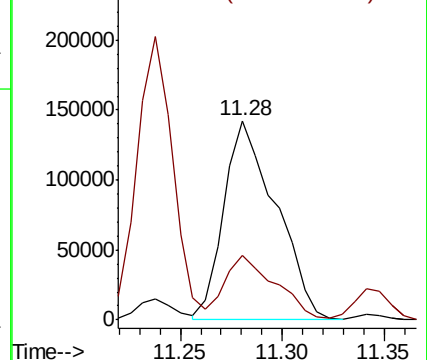
75 100

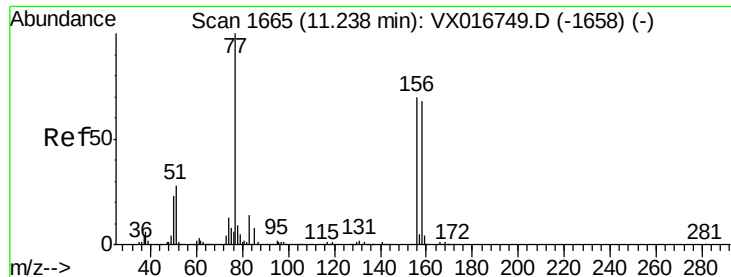
77 31.8 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 44.488 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

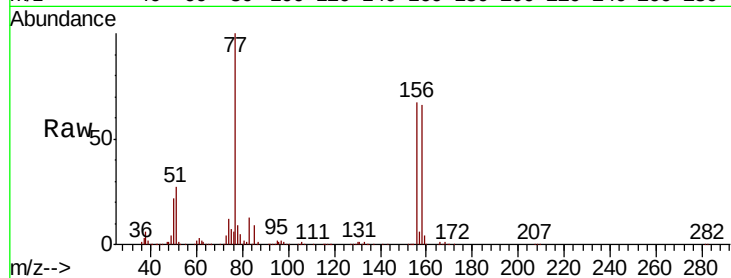
Tot Ion:156 Resp: 169275

Ion Ratio Lower Upper

156 100

77 146.8 73.2 219.6

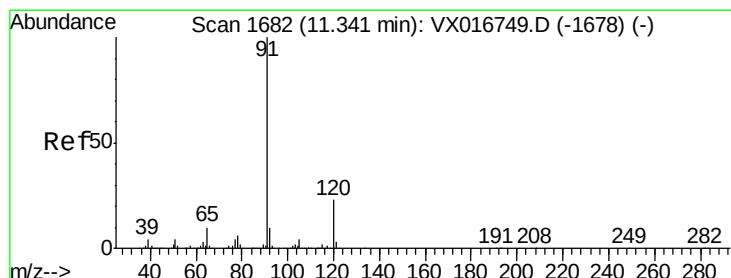
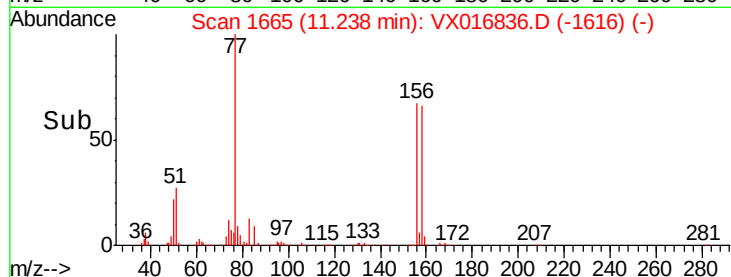
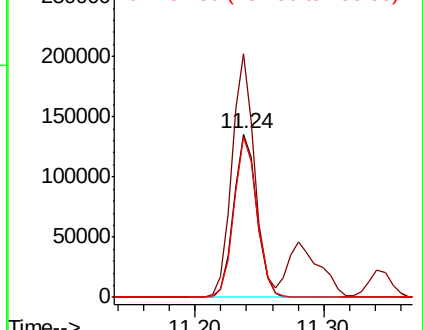
158 97.9 48.8 146.4



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: 48.667 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016836.D

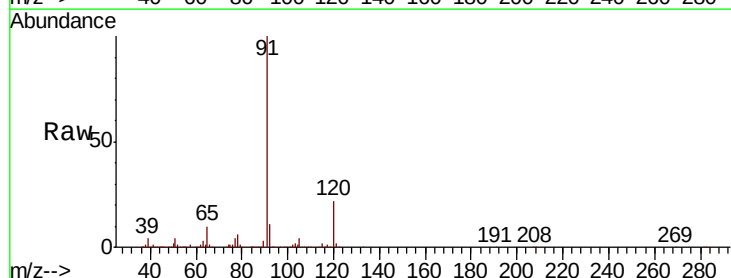
Acq: 17 Jun 2020 22:37

Tgt Ion: 91 Resp: 712214

Ion Ratio Lower Upper

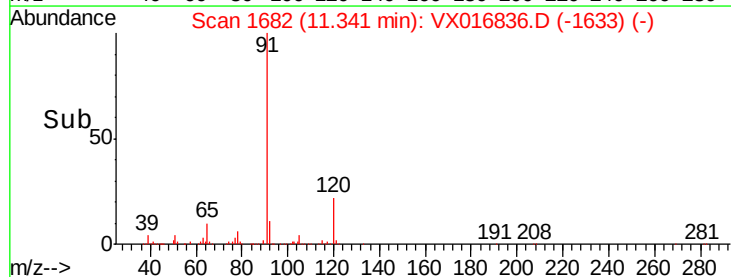
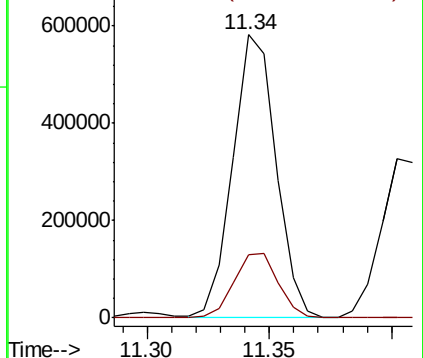
91 100

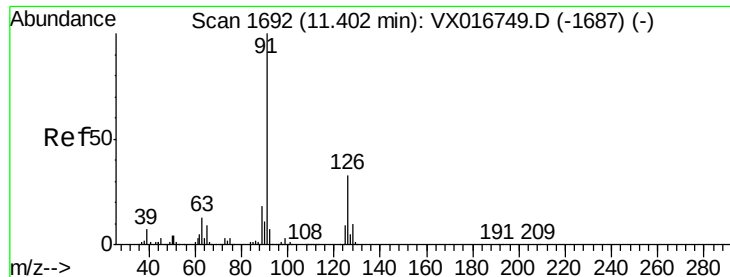
120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

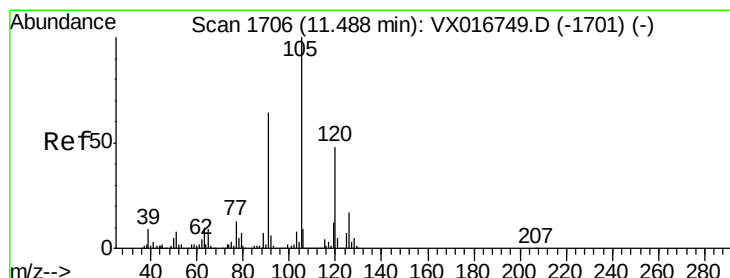
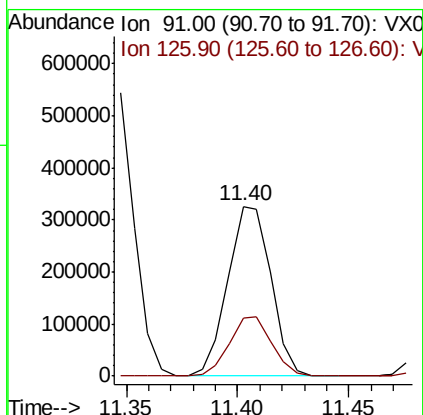
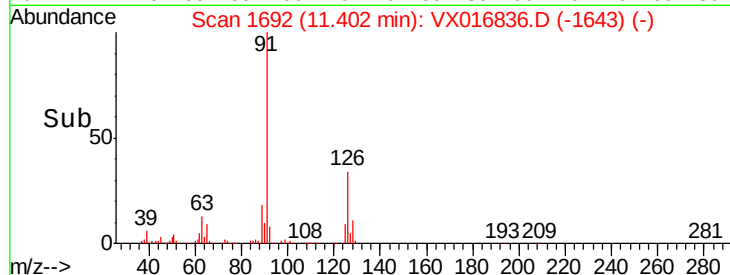
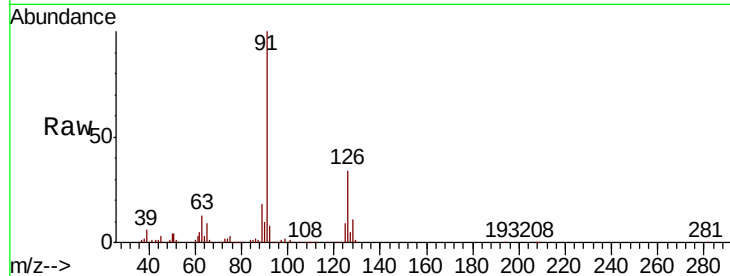




#79
 2-Chlorotoluene
 Concen: 47.353 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

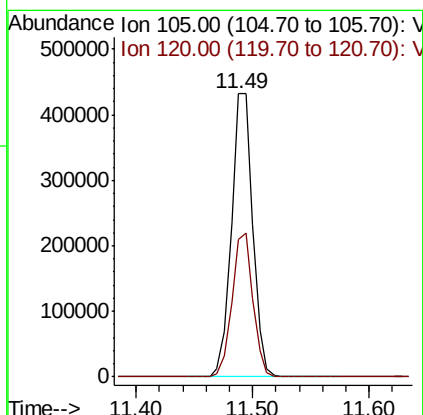
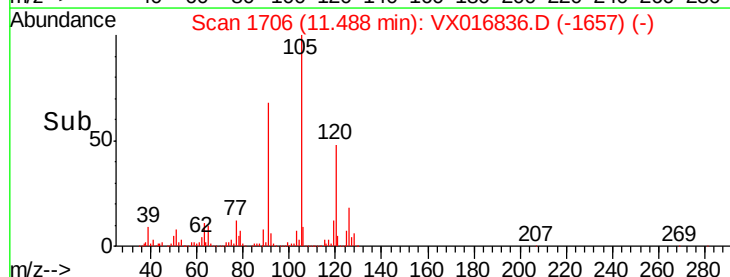
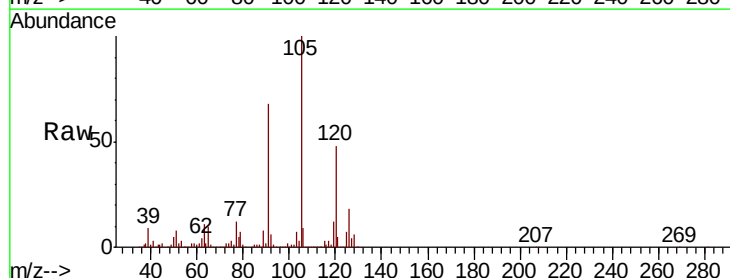
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

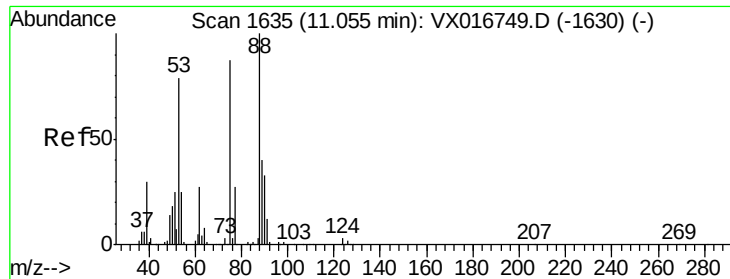
Tot Ion: 91 Resp: 438209
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 48.545 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Tgt Ion: 105 Resp: 548384
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.4 73.4

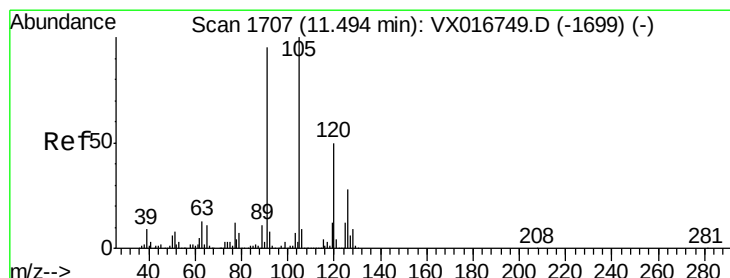
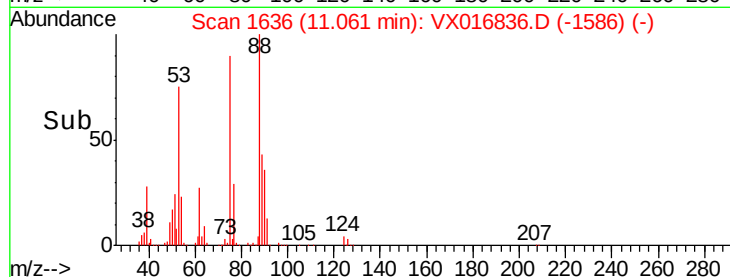
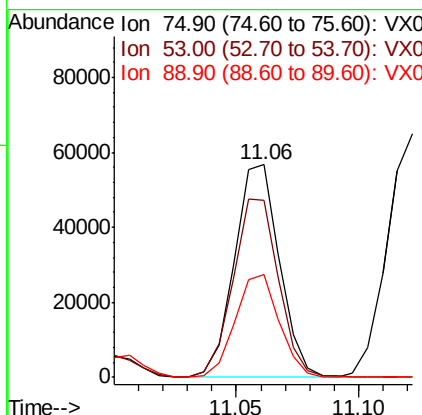
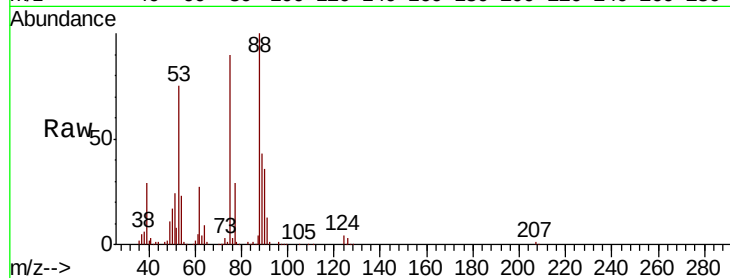




#81
trans-1,4-Dichloro-2-butene
Concen: 42.200 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

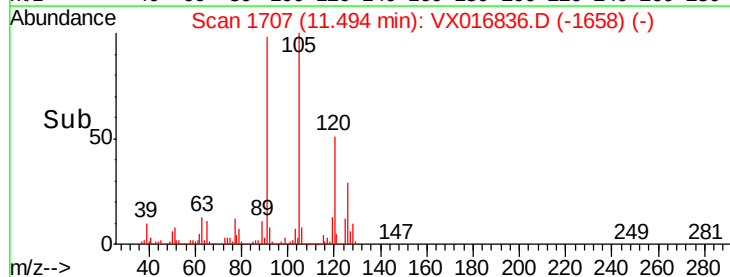
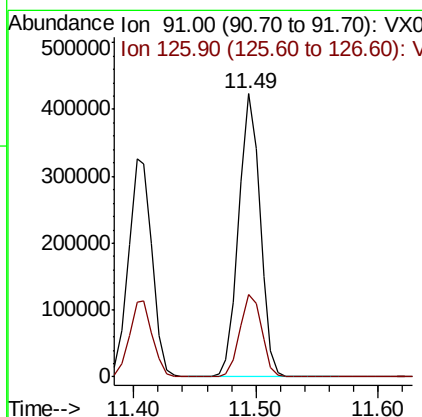
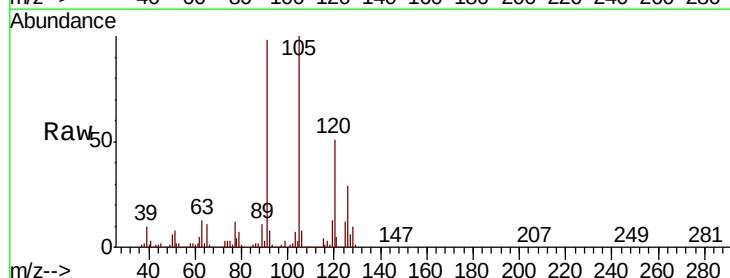
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

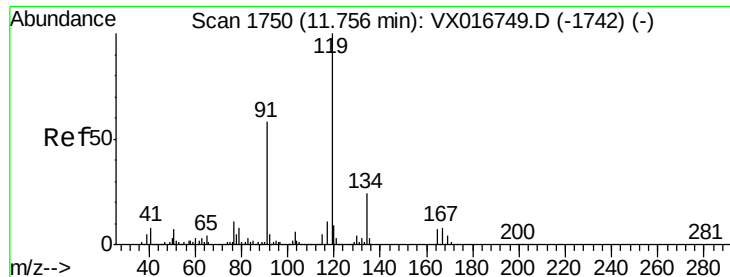
Tot Ion: 75 Resp: 72397
Ion Ratio Lower Upper
75 100
53 85.5 71.4 107.0
89 47.6 39.1 58.7



#82
4-Chlorotoluene
Concen: 47.282 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion: 91 Resp: 512160
Ion Ratio Lower Upper
91 100
126 29.8 15.2 45.6

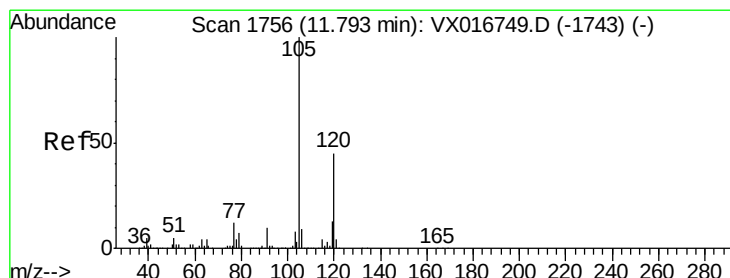
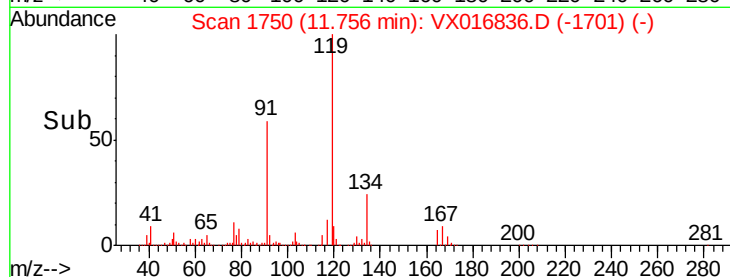
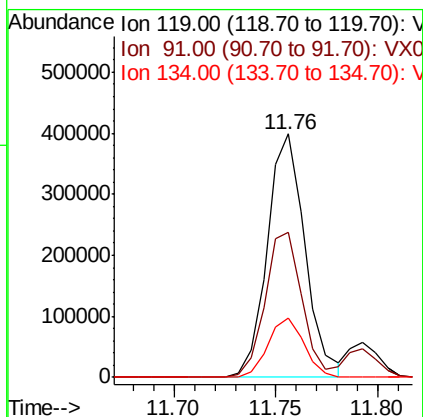
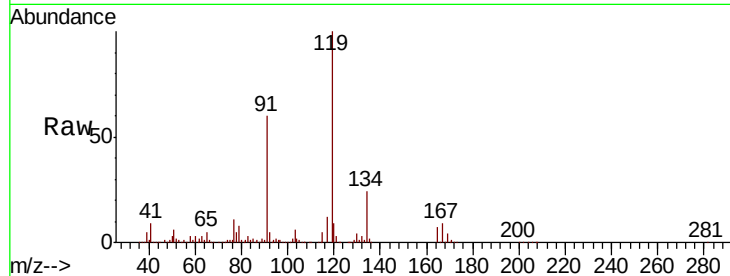




#83
 tert-Butylbenzene
 Concen: 49.660 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

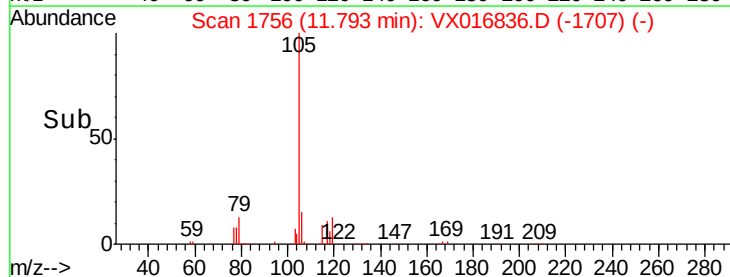
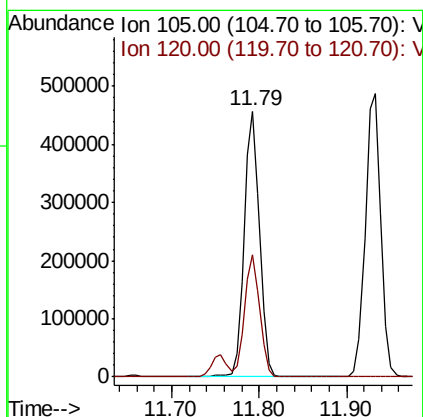
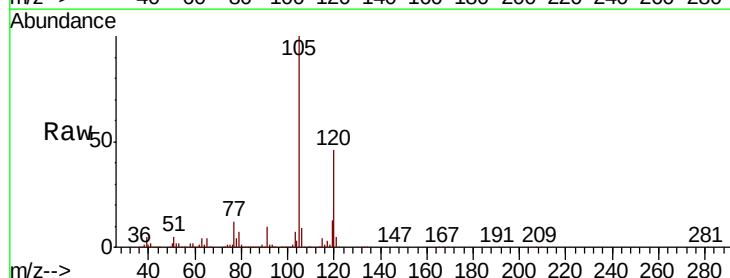
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

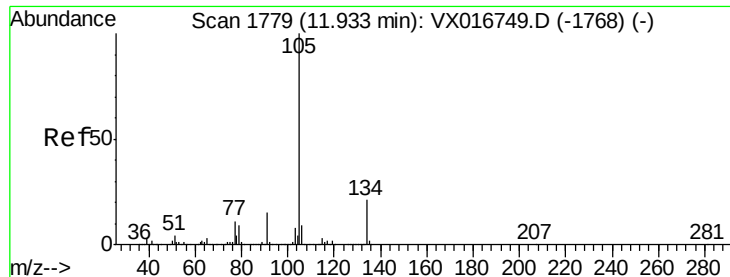
Tot Ion:119 Resp: 513304
 Ion Ratio Lower Upper
 119 100
 91 58.2 29.3 88.0
 134 23.4 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 48.548 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Tgt Ion:105 Resp: 554776
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.6 67.8





#85

sec-Butylbenzene

Concen: 49.926 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

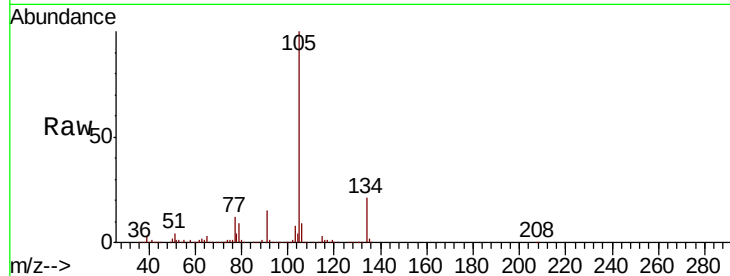
VSTDCCC050EC

Tot Ion:105 Resp: 603642

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

500000

400000

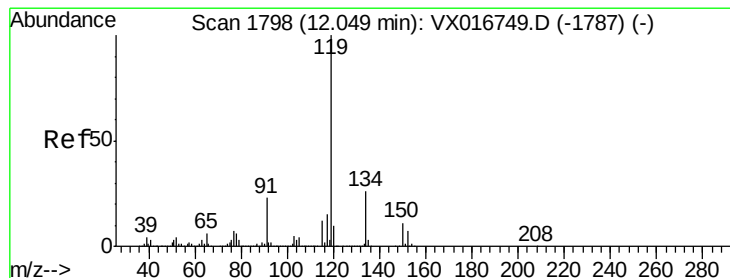
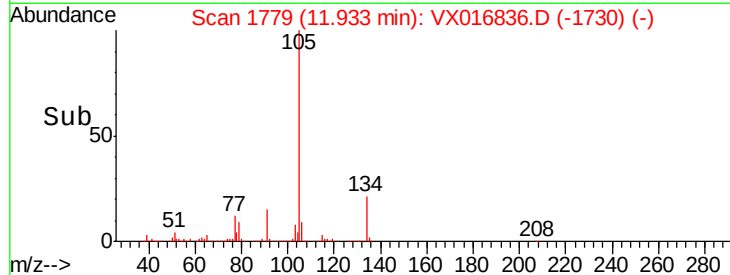
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 50.298 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

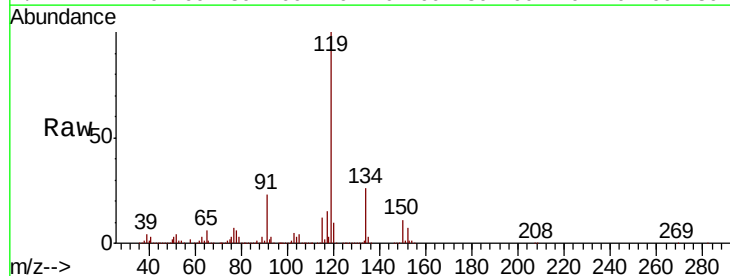
Tgt Ion:119 Resp: 583504

Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

91 22.5 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

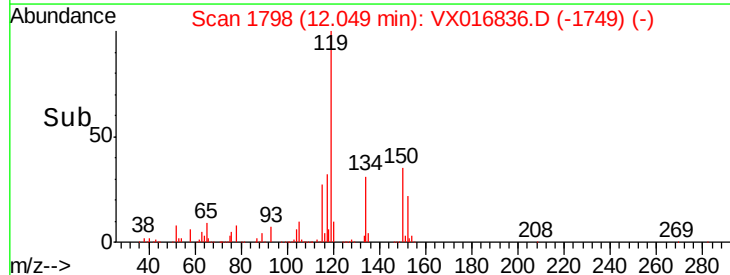
600000

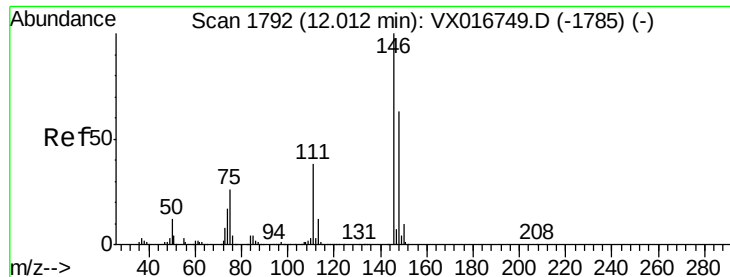
400000

200000

0

Time--> 11.90 12.00 12.10 12.20

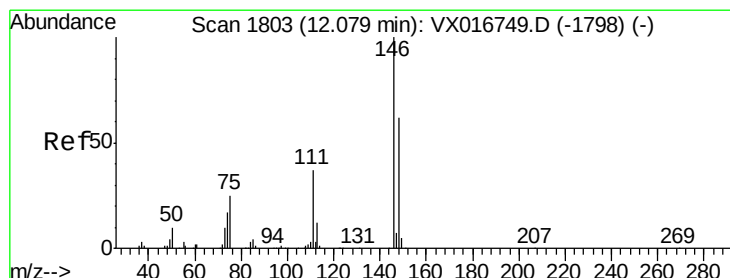
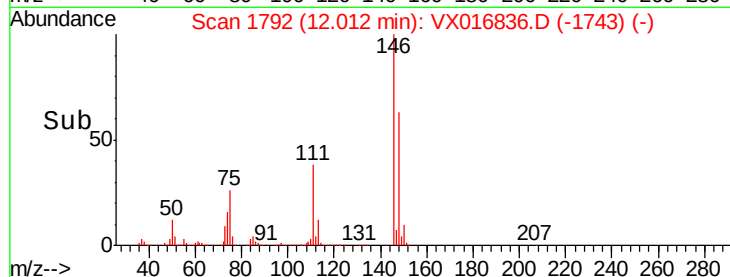
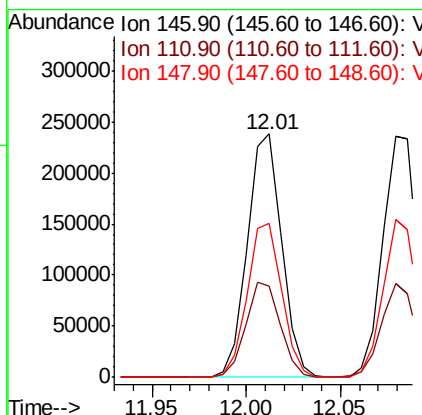
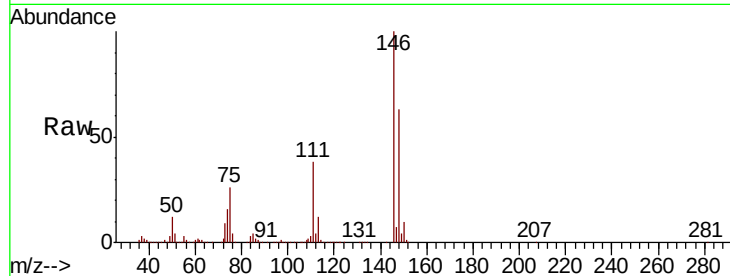




#87
 1,3-Dichlorobenzene
 Concen: 46.719 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

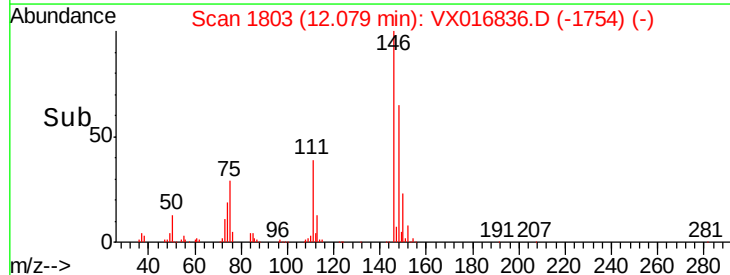
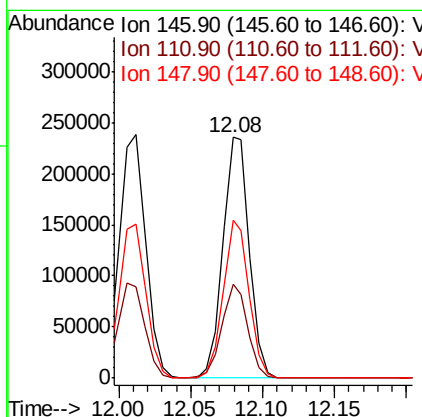
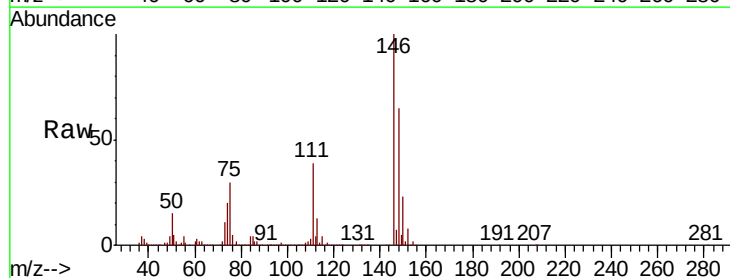
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

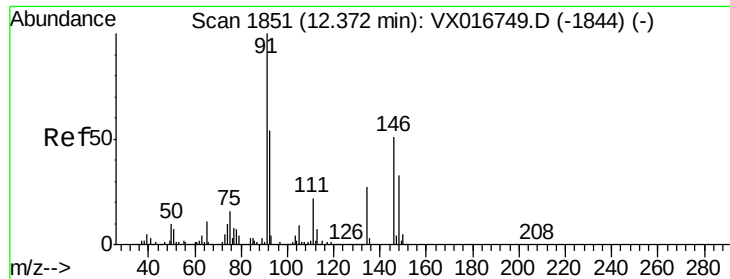
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.3
148	64.1	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 45.520 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	63.9	32.1	96.5

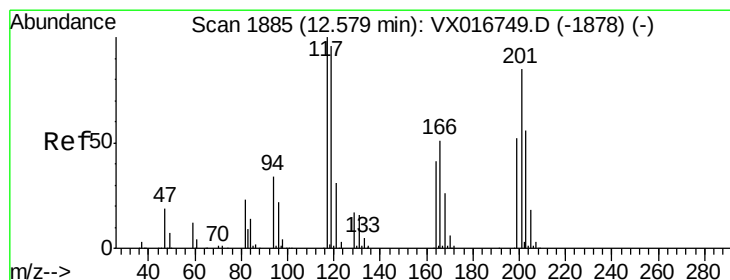
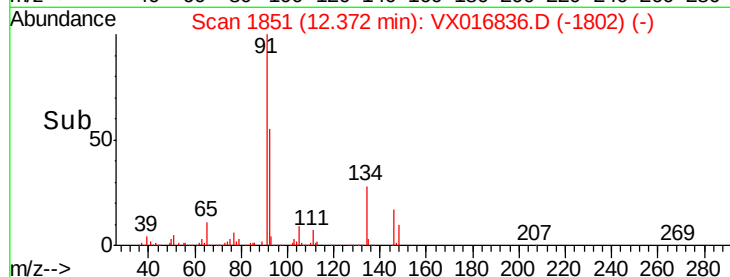
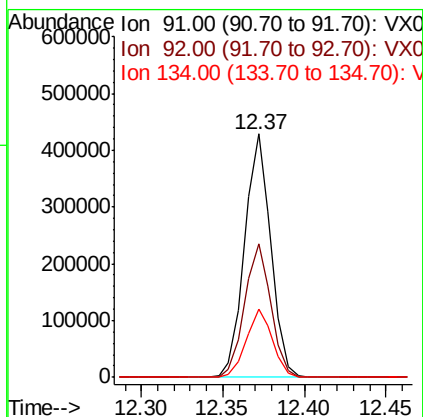
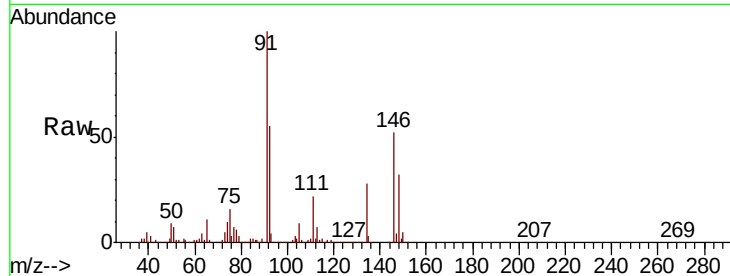




#89
n-Butylbenzene
Concen: 50.057 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

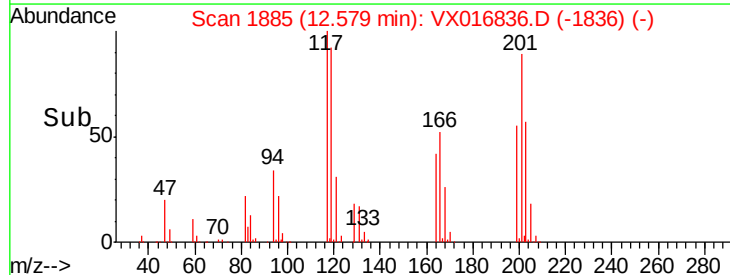
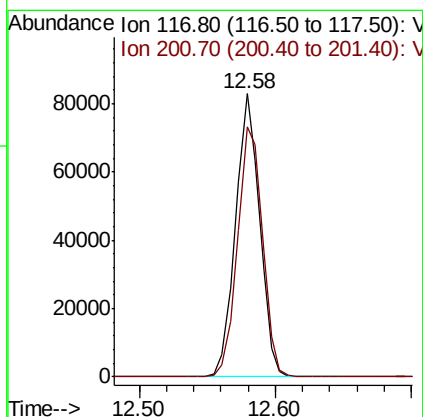
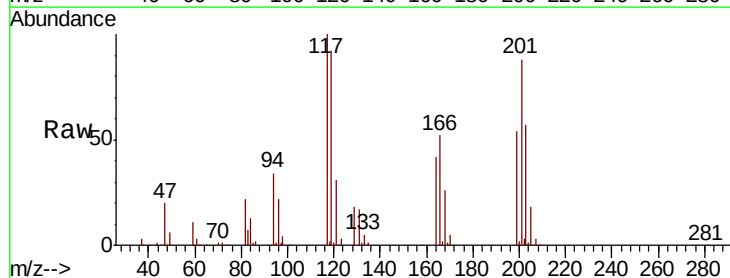
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

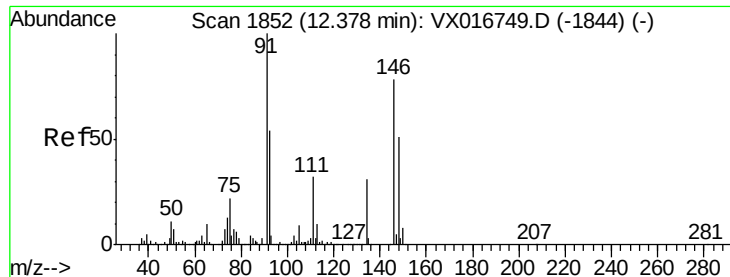
Tot Ion: 91 Resp: 479382
Ion Ratio Lower Upper
91 100
92 55.1 27.0 80.8
134 27.9 13.7 41.0



#90
Hexachloroethane
Concen: 47.642 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion: 117 Resp: 101921
Ion Ratio Lower Upper
117 100
201 91.7 45.6 136.9





#91

1,2-Dichlorobenzene

Concen: 45.464 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

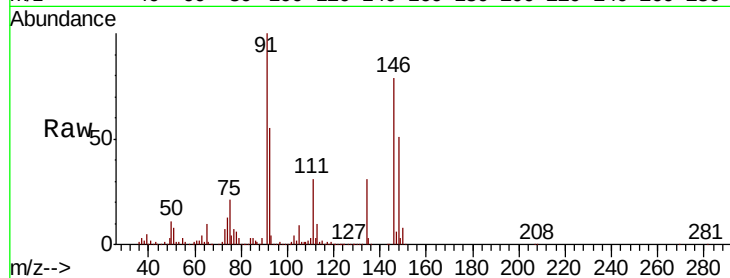
Tot Ion:146 Resp: 292459

Ion Ratio Lower Upper

146 100

111 40.9 20.8 62.2

148 63.5 32.1 96.5

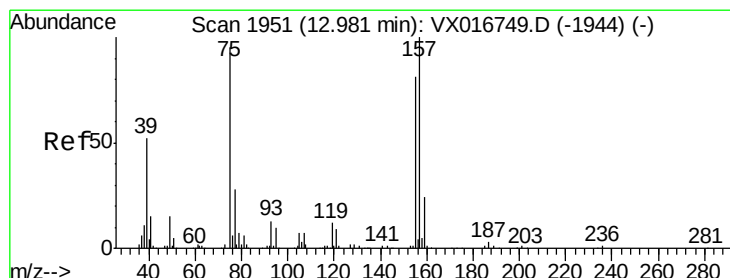
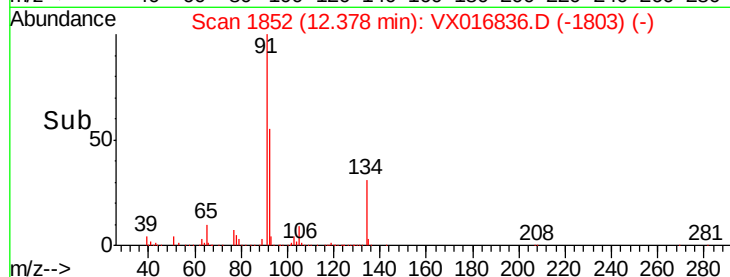
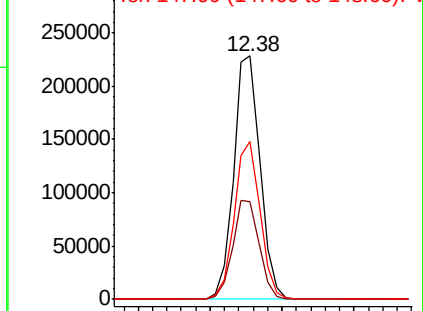


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.017 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

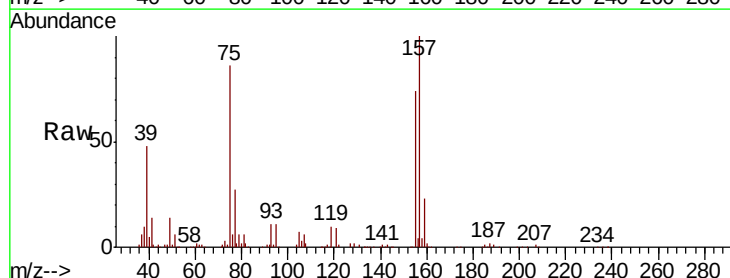
Tgt Ion: 75 Resp: 51011

Ion Ratio Lower Upper

75 100

155 94.0 46.9 140.7

157 123.4 59.6 178.7

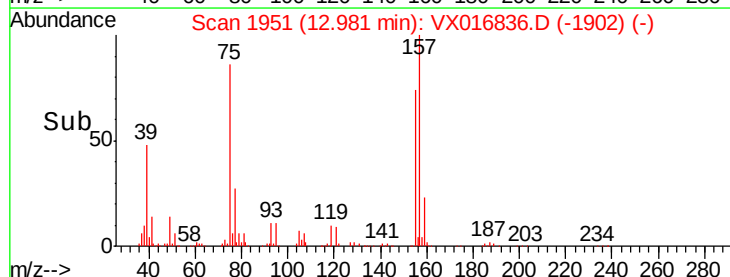
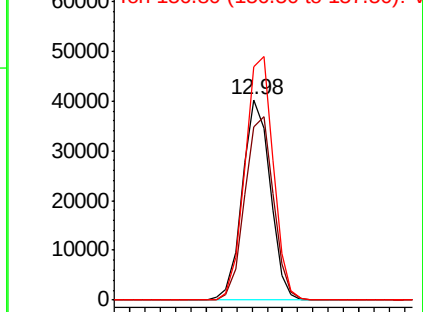


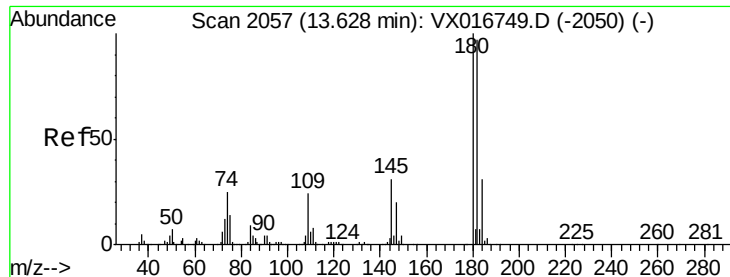
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

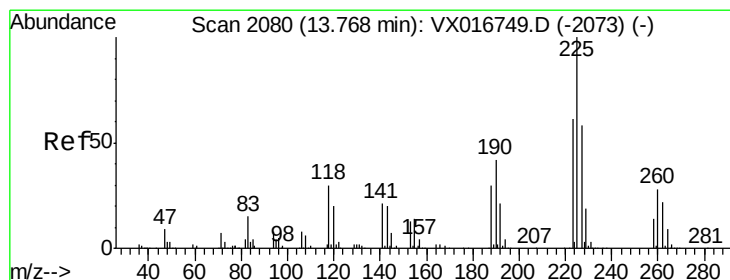
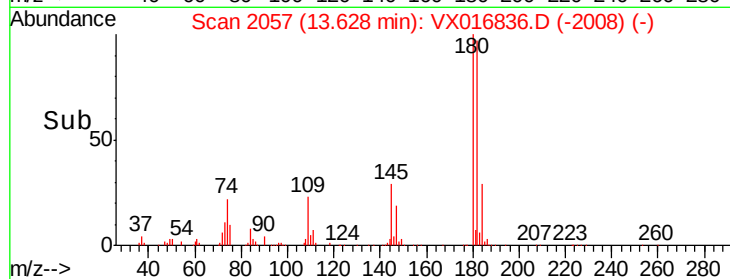
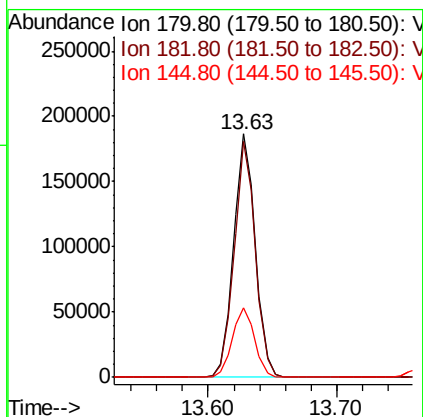
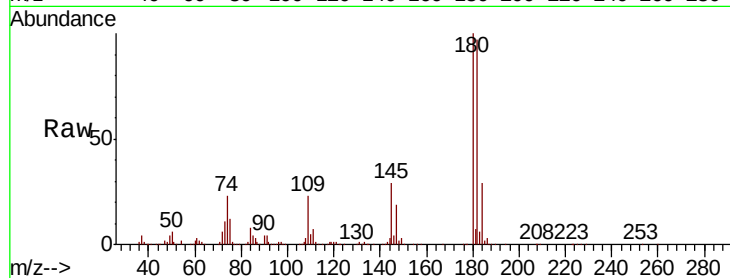




#93
 1,2,4-Trichlorobenzene
 Concen: 48.607 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

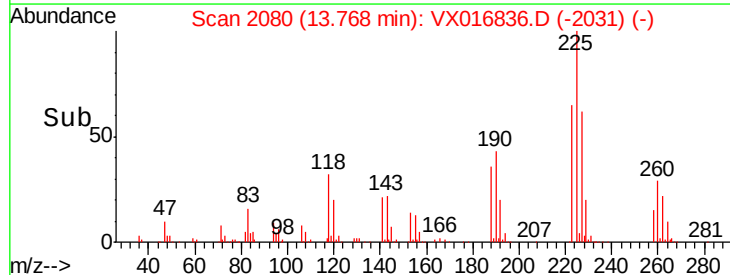
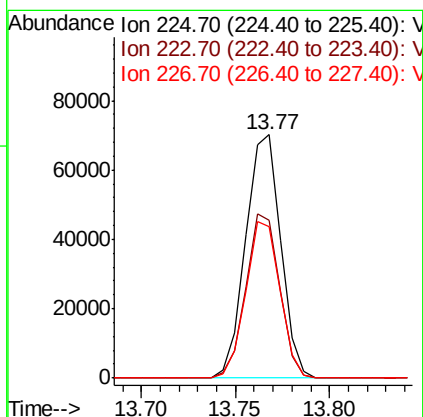
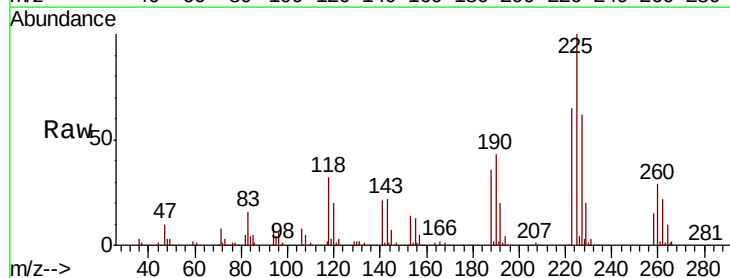
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

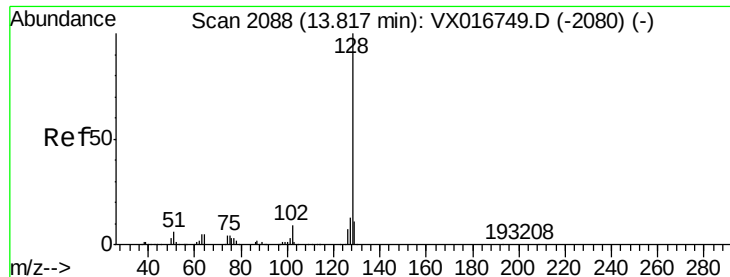
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.6	145.8
145	29.5	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 45.814 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	31.1	93.5
227	62.7	30.9	92.7

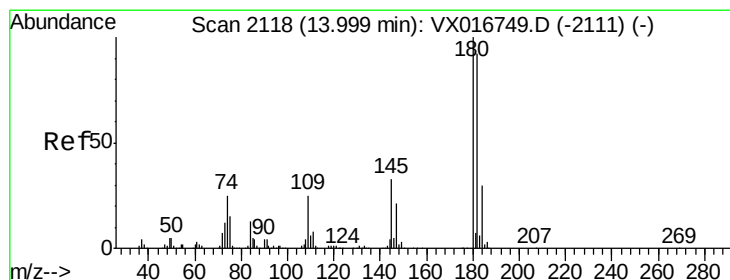
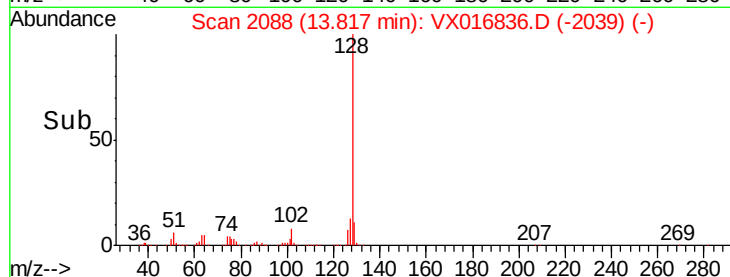
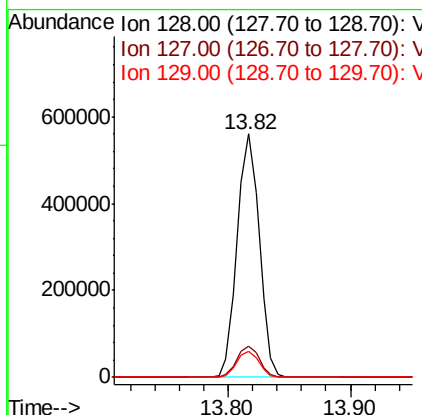
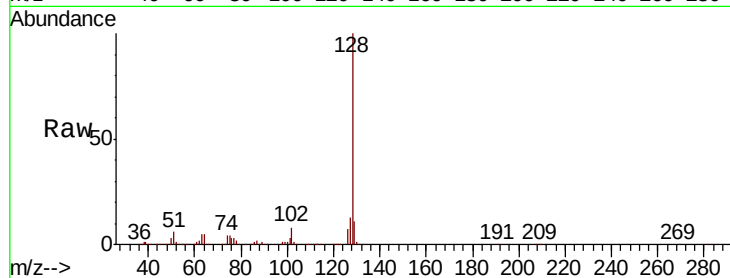




#95
Naphthalene
Concen: 49.388 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 697008
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.659 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion:180 Resp: 211316
Ion Ratio Lower Upper
180 100
182 93.9 47.1 141.4
145 32.1 15.9 47.7

