

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061520\
 Data File : VX016749.D
 Acq On : 15 Jun 2020 12:18
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 15 12:47:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 15 12:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	259467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	387315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	367787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	189654	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	142150	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
35) Dibromofluoromethane	5.46	113	116463	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.70	98	442633	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	11.12	95	167603	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	149366	57.531	ug/l	100
3) Chloromethane	1.31	50	137752	45.454	ug/l	100
4) Vinyl Chloride	1.39	62	153226	47.562	ug/l	100
5) Bromomethane	1.62	94	87045	53.506	ug/l	100
6) Chloroethane	1.71	64	92384	49.024	ug/l	100
7) Trichlorofluoromethane	1.92	101	228015	52.931	ug/l	100
8) Diethyl Ether	2.17	74	81454	46.184	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	114380	48.970	ug/l	100
10) Methyl Iodide	2.49	142	140669	55.134	ug/l	100
11) Tert butyl alcohol	3.01	59	173113	217.792	ug/l	100
12) 1,1-Dichloroethene	2.36	96	120282	48.551	ug/l	100
13) Acrolein	2.27	56	72610	212.189	ug/l	100
14) Allyl chloride	2.71	41	188925	42.632	ug/l	100
15) Acrylonitrile	3.12	53	355407	217.576	ug/l	100
16) Acetone	2.42	43	299514	219.282	ug/l	100
17) Carbon Disulfide	2.55	76	346714	47.460	ug/l	100
18) Methyl Acetate	2.75	43	173901	48.717	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	414640	47.184	ug/l	100
20) Methylene Chloride	2.84	84	131997	45.982	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	130319	47.791	ug/l	100
22) Diisopropyl ether	3.82	45	362324	42.741	ug/l	100
23) Vinyl Acetate	3.78	43	1556429	211.304	ug/l	100
24) 1,1-Dichloroethane	3.67	63	223815	46.053	ug/l	100
25) 2-Butanone	4.64	43	480480	209.994	ug/l	100
26) 2,2-Dichloropropane	4.55	77	209978	51.260	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	145423	46.327	ug/l	100
28) Bromochloromethane	4.98	49	91055	40.595	ug/l	100
29) Tetrahydrofuran	5.09	42	310547	210.406	ug/l	100
30) Chloroform	5.18	83	235793	47.749	ug/l	100
31) Cyclohexane	5.55	56	189642	43.829	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	224053	49.799	ug/l	100
36) 1,1-Dichloropropene	5.77	75	175270	48.329	ug/l	100
37) Ethyl Acetate	4.79	43	182509	42.896	ug/l	100
38) Carbon Tetrachloride	5.76	117	201444	52.142	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061520\
 Data File : VX016749.D
 Acq On : 15 Jun 2020 12:18
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 15 12:47:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 15 12:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	196825	49.752	ug/l	100
40) Benzene	6.12	78	519378	48.199	ug/l	100
41) Methacrylonitrile	5.01	41	97364	41.654	ug/l	100
42) 1,2-Dichloroethane	6.17	62	186577	48.626	ug/l	100
43) Isopropyl Acetate	6.42	43	290881	43.715	ug/l	100
44) Trichloroethene	7.19	130	160673	46.931	ug/l	100
45) 1,2-Dichloropropane	7.49	63	128113	46.942	ug/l	100
46) Dibromomethane	7.64	93	91080	49.186	ug/l	100
47) Bromodichloromethane	7.88	83	192260	50.097	ug/l	100
48) Methyl methacrylate	7.74	41	139723	43.944	ug/l	100
49) 1,4-Dioxane	7.71	88	69349	923.716	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	924019	223.569	ug/l	100
52) Toluene	8.76	92	338735	49.613	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	220340	50.491	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	226883	49.304	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	135379	49.751	ug/l	100
56) Ethyl methacrylate	9.16	69	211740	48.418	ug/l	100
57) 1,3-Dichloropropane	9.35	76	223995	48.352	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	529092	231.990	ug/l	100
59) 2-Hexanone	9.47	43	722629	225.117	ug/l	100
60) Dibromochloromethane	9.57	129	163675	53.008	ug/l	100
61) 1,2-Dibromoethane	9.65	107	149470	51.097	ug/l	100
64) Tetrachloroethene	9.32	164	175154	43.697	ug/l	100
65) Chlorobenzene	10.12	112	368975	49.602	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	148689	51.848	ug/l	100
67) Ethyl Benzene	10.24	91	643588	48.887	ug/l	100
68) m/p-Xylenes	10.34	106	499167	101.722	ug/l	100
69) o-Xylene	10.68	106	238832	50.216	ug/l	100
70) Styrene	10.70	104	417419	51.184	ug/l	100
71) Bromoform	10.84	173	127846	52.987	ug/l	100
73) Isopropylbenzene	11.00	105	638851	49.130	ug/l	100
74) N-amyl acetate	10.88	43	248505	42.755	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	174839	53.038	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	252366	61.667	ug/l	84
77) Bromobenzene	11.24	156	170393	49.599	ug/l	100
78) n-propylbenzene	11.34	91	702295	48.554	ug/l	100
79) 2-Chlorotoluene	11.40	91	425647	48.154	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	539408	49.712	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	77355	46.598	ug/l	100
82) 4-Chlorotoluene	11.49	91	494660	47.524	ug/l	100
83) tert-Butylbenzene	11.76	119	490693	52.390	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	542913	49.493	ug/l	100
85) sec-Butylbenzene	11.93	105	586764	50.254	ug/l	100
86) p-Isopropyltoluene	12.05	119	563062	51.364	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	293907	49.516	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	297950	49.079	ug/l	100
89) n-Butylbenzene	12.37	91	460244	50.602	ug/l	100
90) Hexachloroethane	12.58	117	98325	51.754	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	285481	49.541	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	49676	47.292	ug/l	100

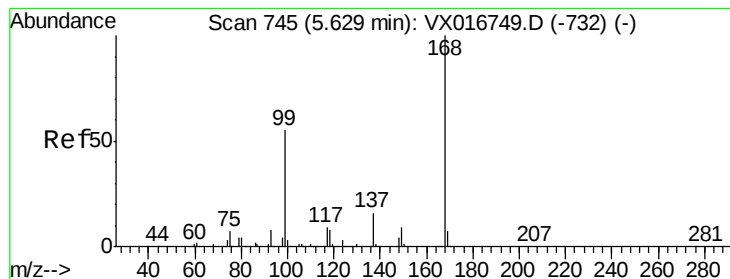
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061520\
Data File : VX016749.D
Acq On : 15 Jun 2020 12:18
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Jun 15 12:47:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 15 12:43:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	198291	51.616	ug/l	100
94) Hexachlorobutadiene	13.77	225	90581	57.977	ug/l	100
95) Naphthalene	13.82	128	661882	50.634	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	199956	52.689	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: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

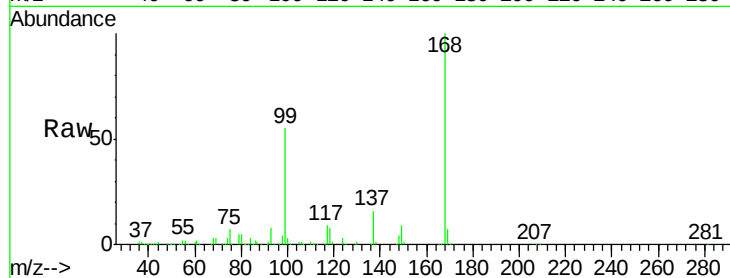
VSTDICCC050

Tgt Ion:168 Resp: 259467

Ion Ratio Lower Upper

168 100

99 54.7 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

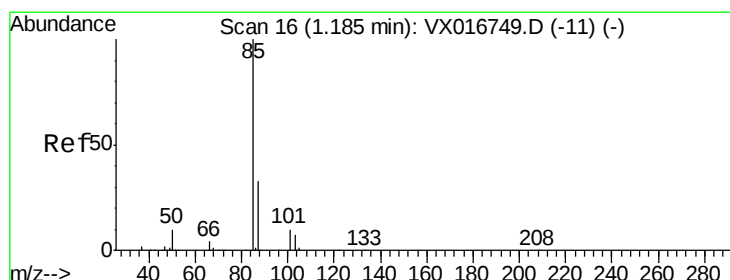
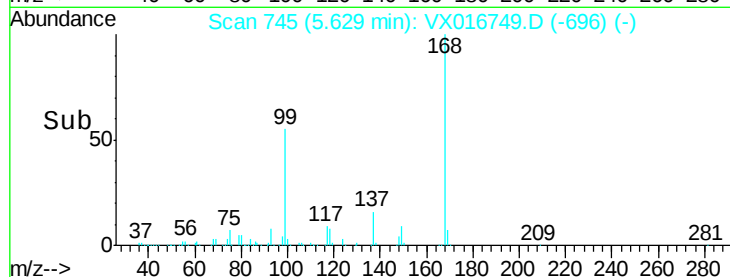
40000

20000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 57.531 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016749.D

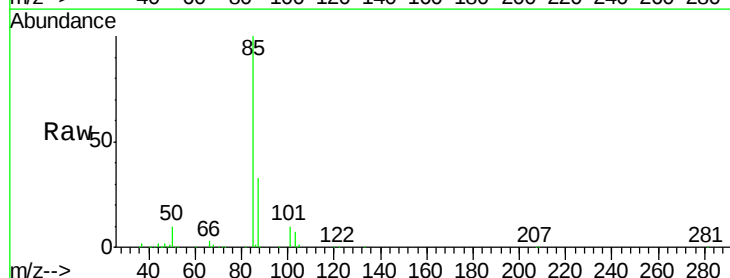
Acq: 15 Jun 2020 12:18

Tgt Ion: 85 Resp: 149366

Ion Ratio Lower Upper

85 100

87 32.8 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

150000

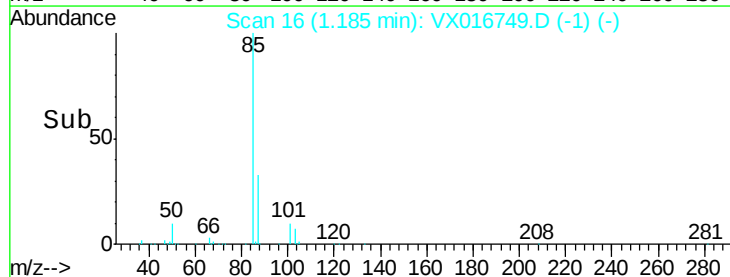
100000

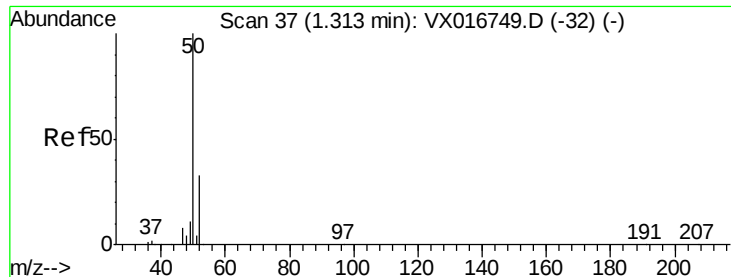
50000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 45.454 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

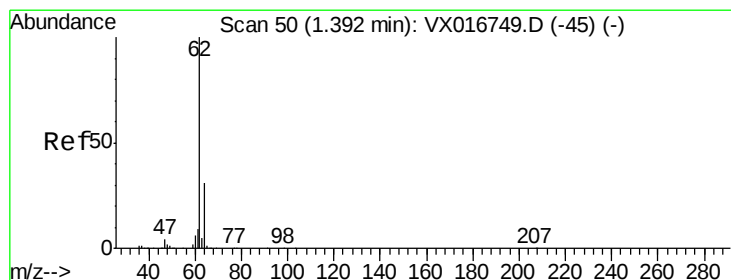
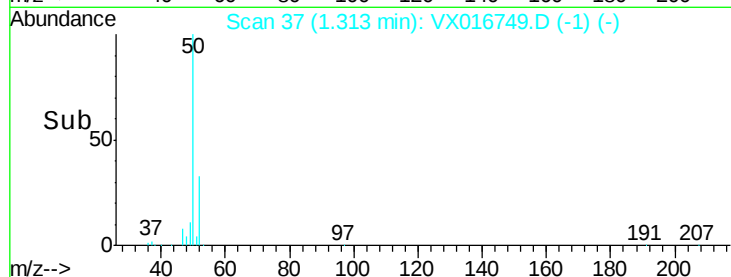
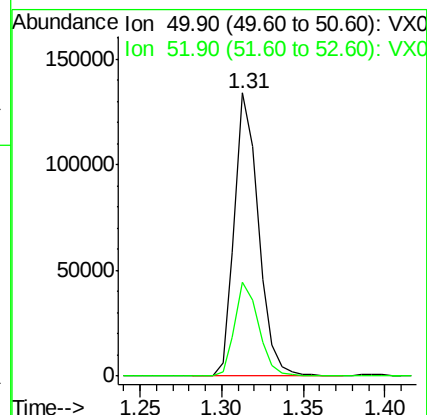
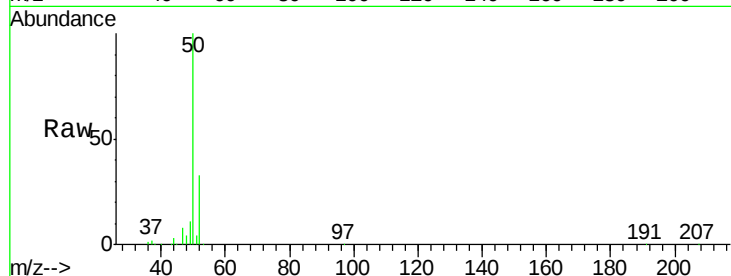
VSTDICCC050

Tgt Ion: 50 Resp: 137752

Ion Ratio Lower Upper

50 100

52 33.1 26.5 39.7



#4

Vinyl Chloride

Concen: 47.562 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016749.D

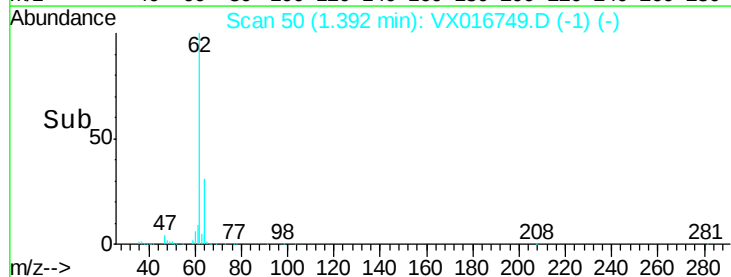
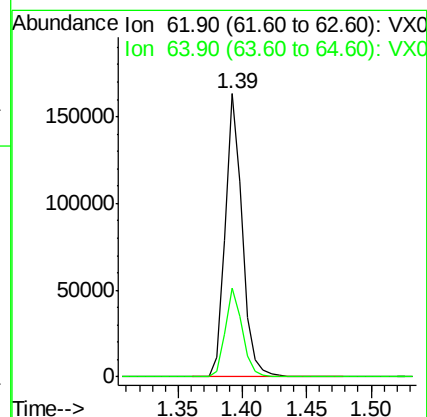
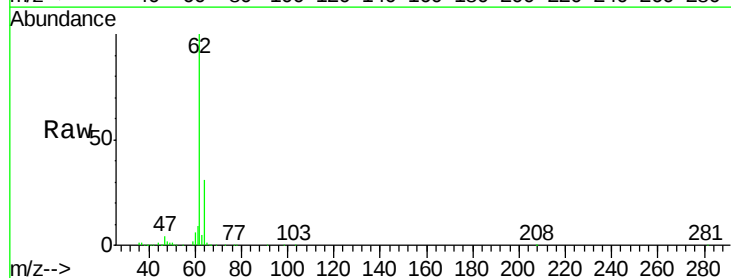
Acq: 15 Jun 2020 12:18

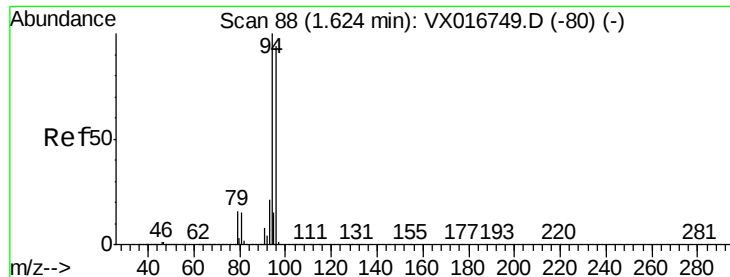
Tgt Ion: 62 Resp: 153226

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7





#5

Bromomethane

Concen: 53.506 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

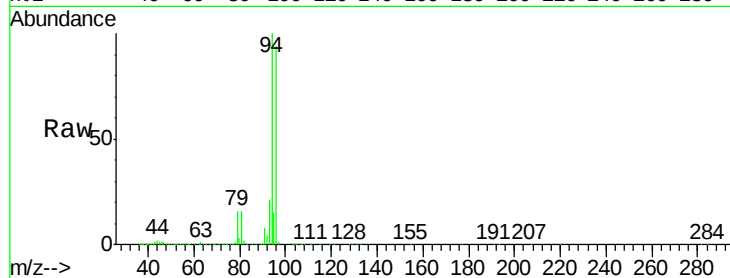
VSTDICCC050

Tgt Ion: 94 Resp: 87045

Ion Ratio Lower Upper

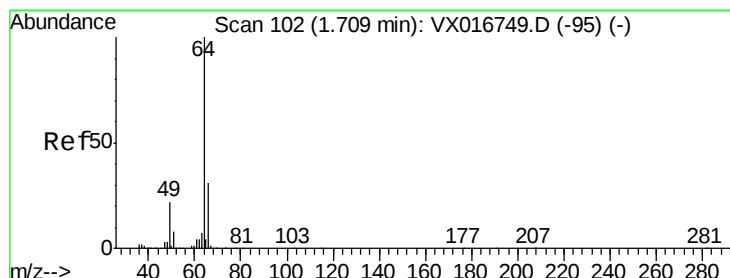
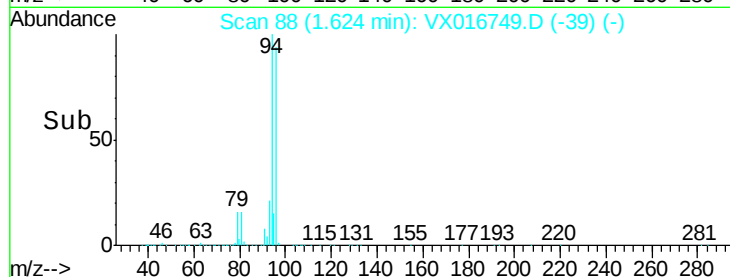
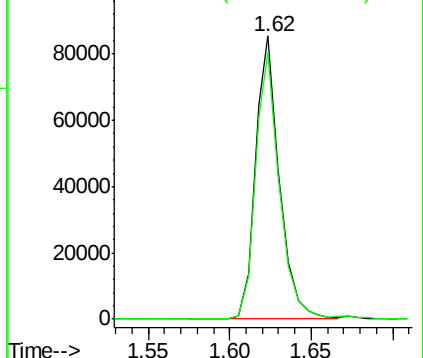
94 100

96 94.2 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: 49.024 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016749.D

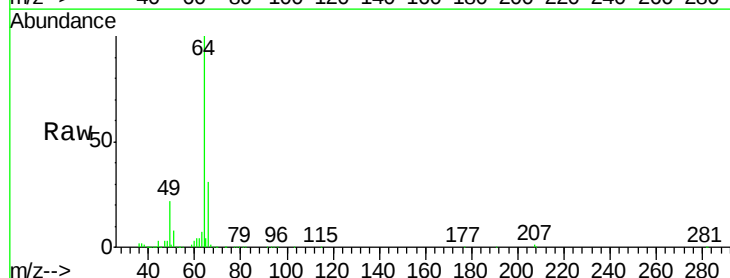
Acq: 15 Jun 2020 12:18

Tgt Ion: 64 Resp: 92384

Ion Ratio Lower Upper

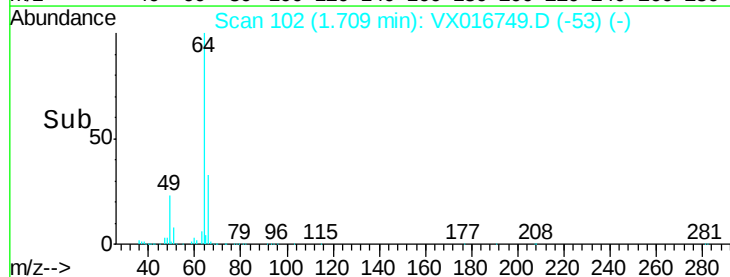
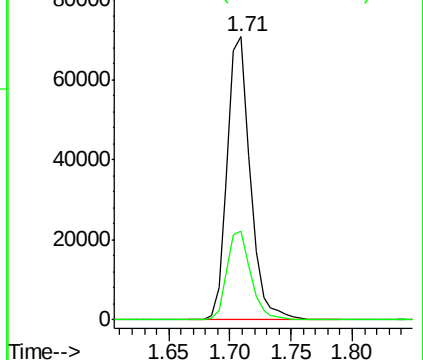
64 100

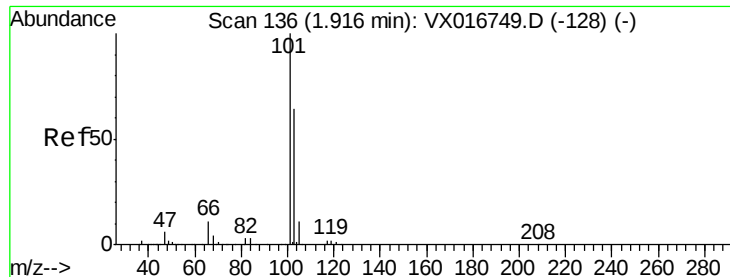
66 31.3 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



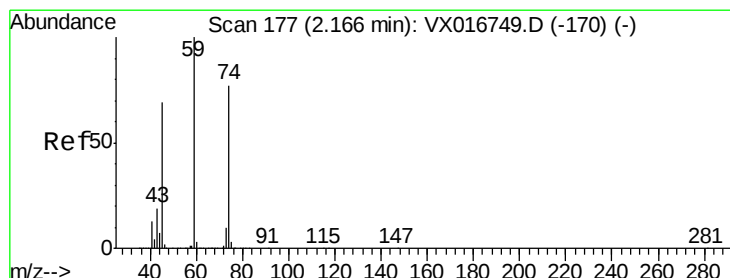
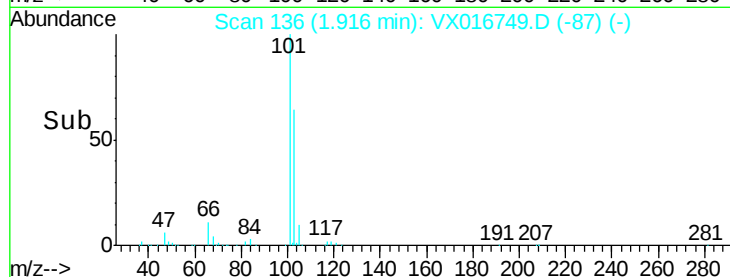
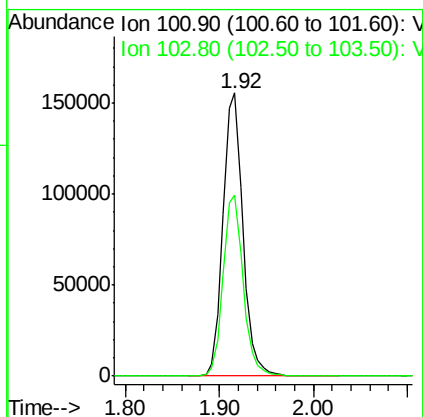
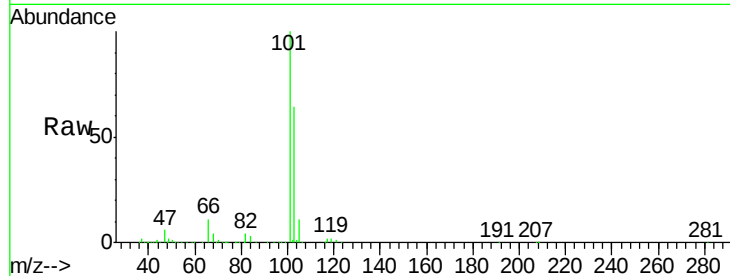


#7

Trichlorofluoromethane
Concen: 52.931 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

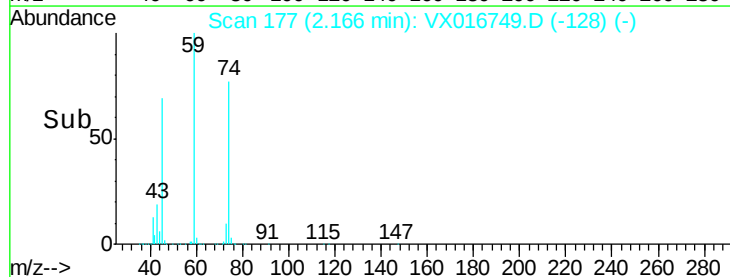
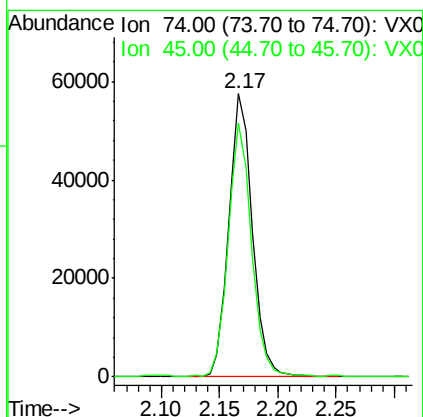
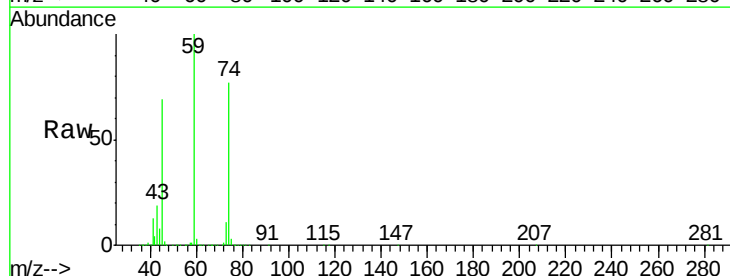
Tgt Ion:101 Resp: 228015
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9

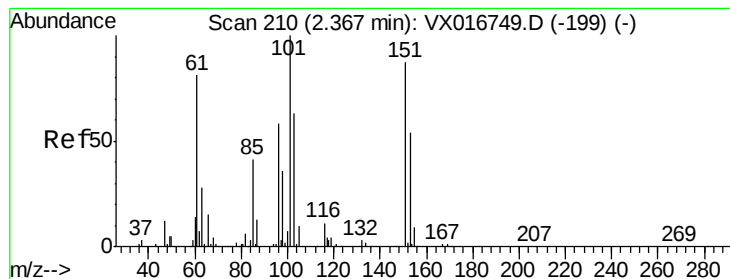


#8

Diethyl Ether
Concen: 46.184 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion: 74 Resp: 81454
Ion Ratio Lower Upper
74 100
45 87.1 43.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.970 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

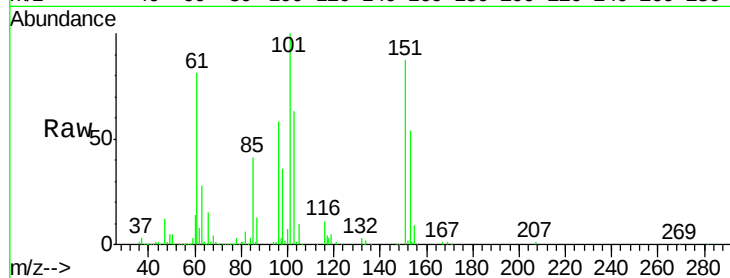
Tgt Ion:101 Resp: 114380

Ion Ratio Lower Upper

101 100

85 42.5 34.0 51.0

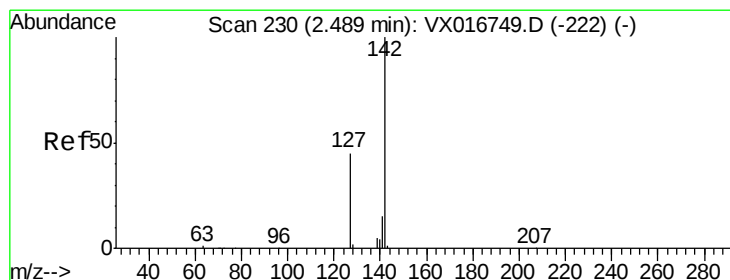
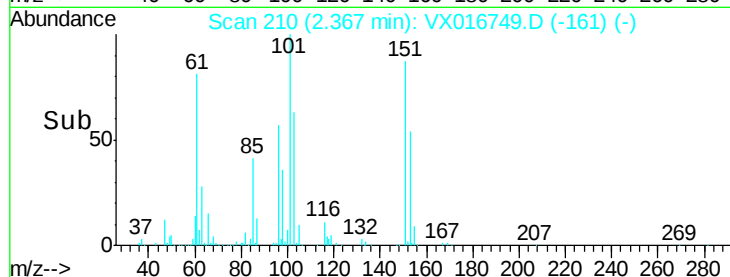
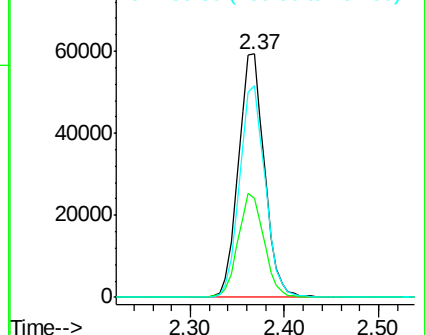
151 85.9 68.7 103.1



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: 55.134 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

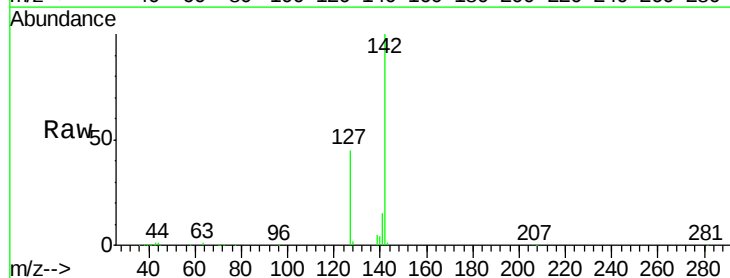
Tgt Ion:142 Resp: 140669

Ion Ratio Lower Upper

142 100

127 44.3 35.4 53.2

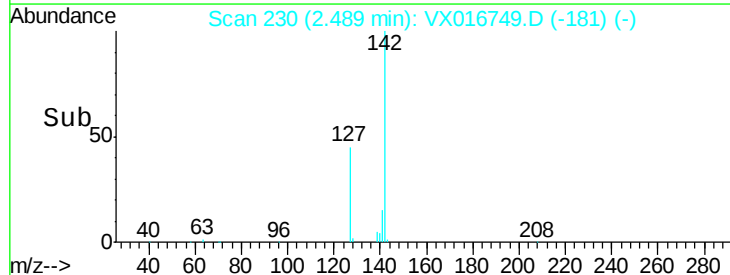
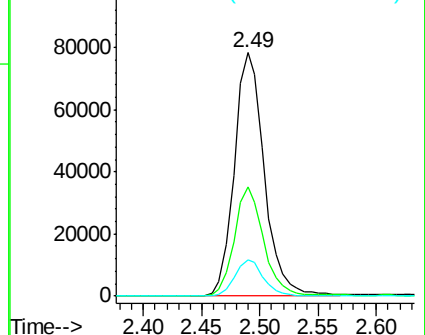
141 14.6 11.7 17.5

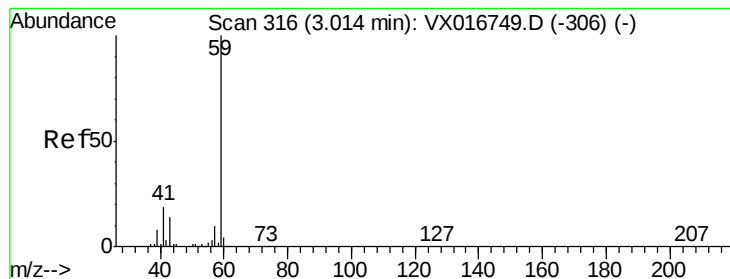


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



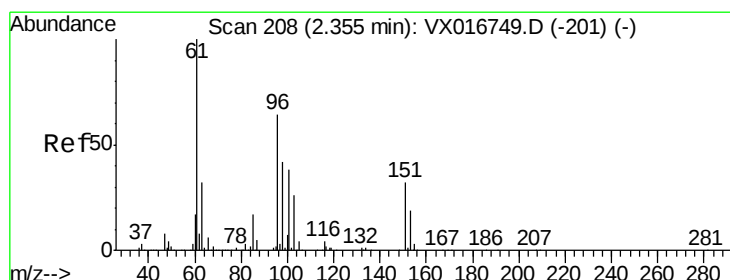
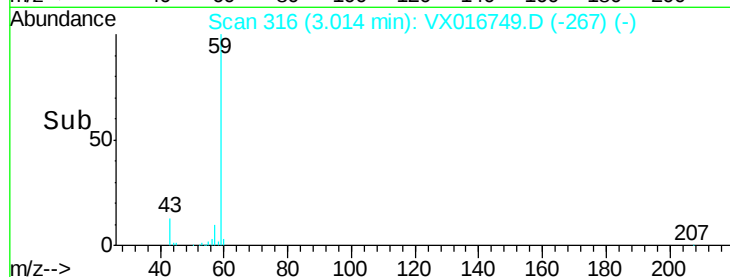
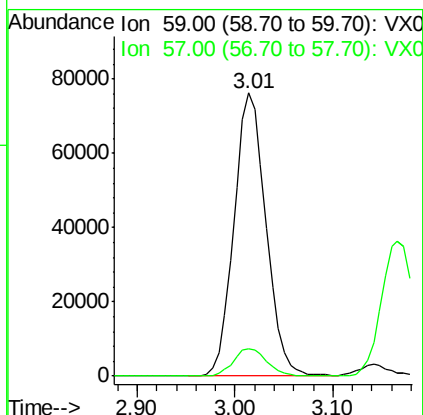
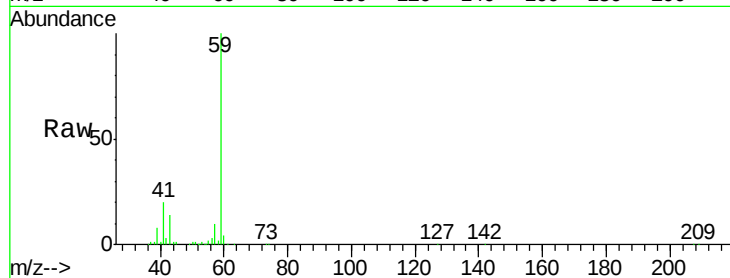


#11

Tert butyl alcohol
 Concen: 217.792 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX016749.D
 Acq: 15 Jun 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

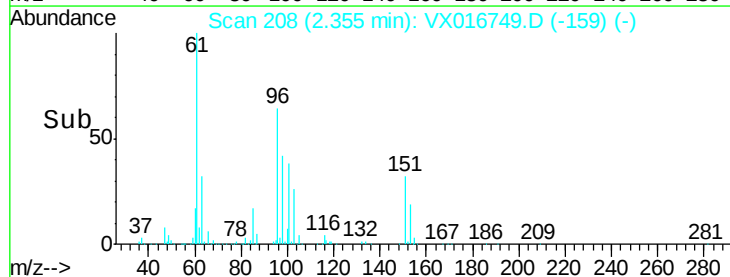
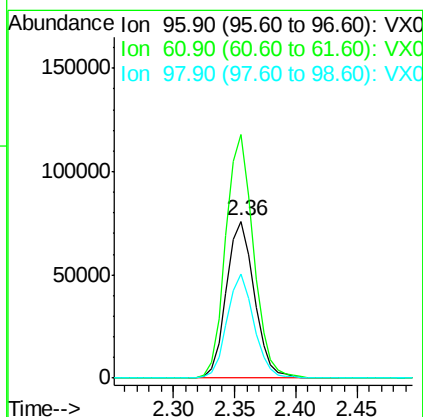
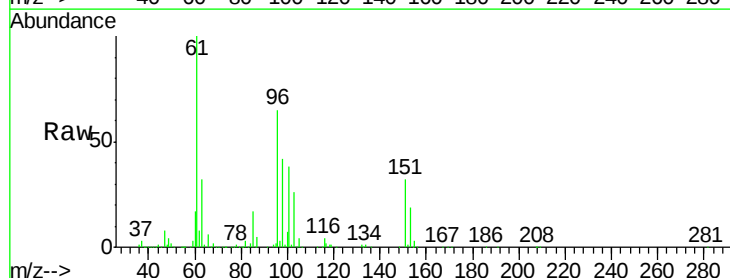
Tgt Ion: 59 Resp: 173113
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

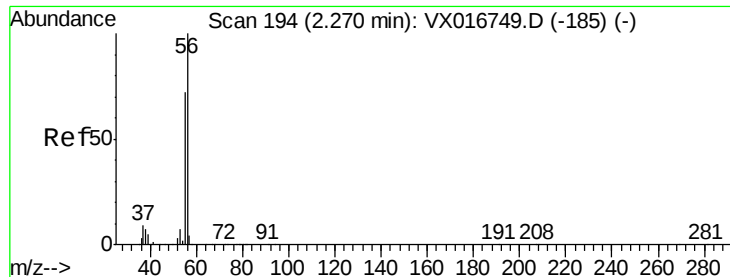


#12

1,1-Dichloroethene
 Concen: 48.551 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016749.D
 Acq: 15 Jun 2020 12:18

Tgt Ion: 96 Resp: 120282
 Ion Ratio Lower Upper
 96 100
 61 155.1 124.1 186.1
 98 65.9 52.7 79.1





#13

Acrolein

Concen: 212.189 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

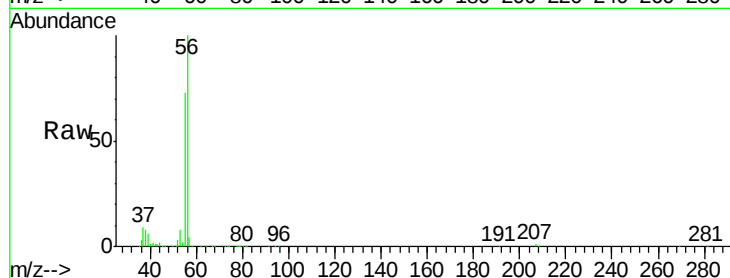
VSTDICCC050

Tgt Ion: 56 Resp: 72610

Ion Ratio Lower Upper

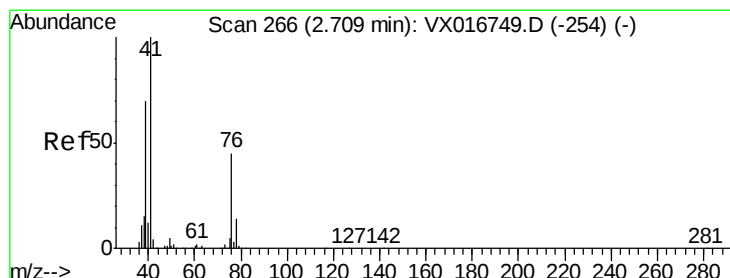
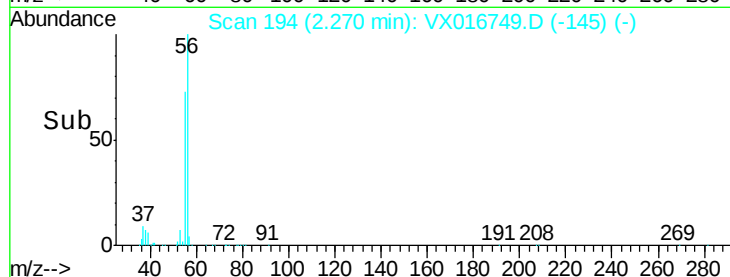
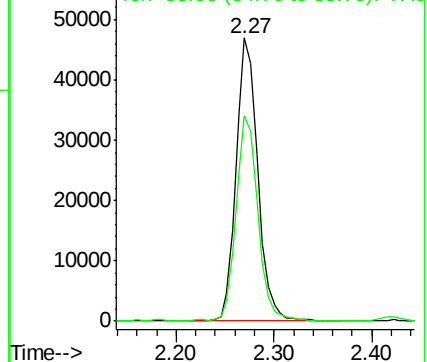
56 100

55 72.8 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 42.632 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

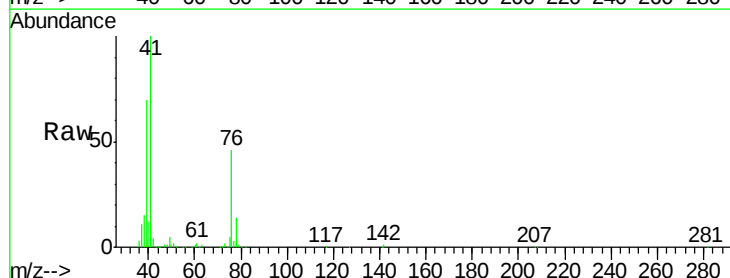
Tgt Ion: 41 Resp: 188925

Ion Ratio Lower Upper

41 100

39 62.8 50.2 75.4

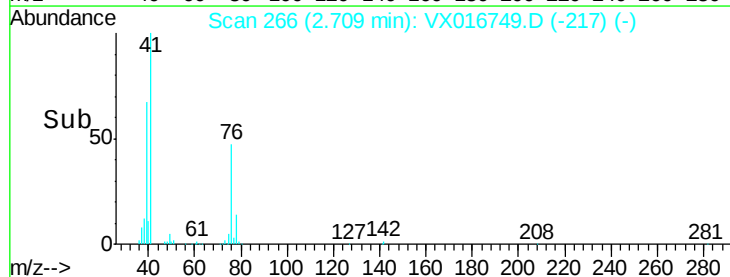
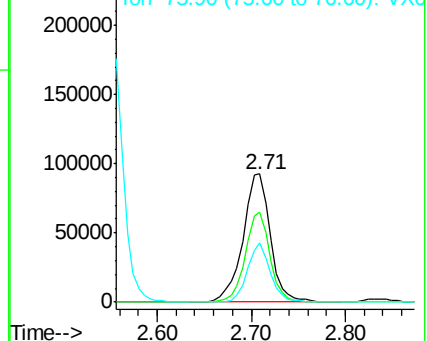
76 38.0 30.4 45.6

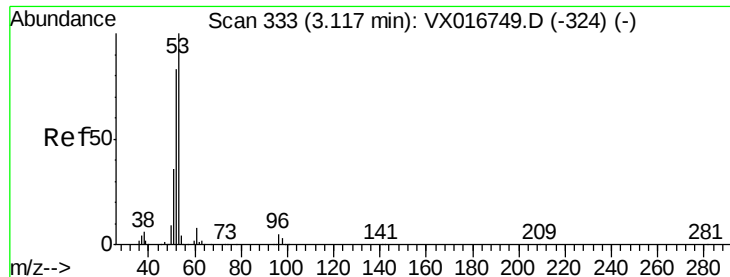


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

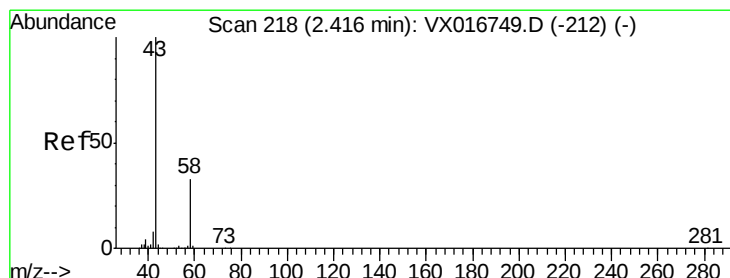
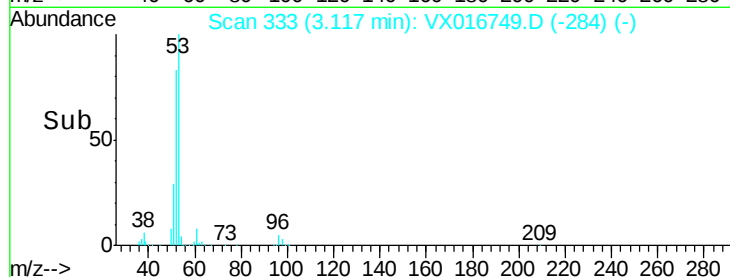
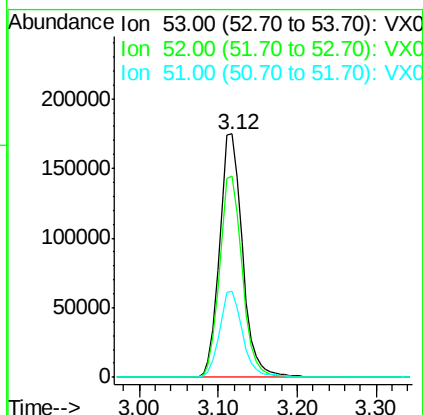
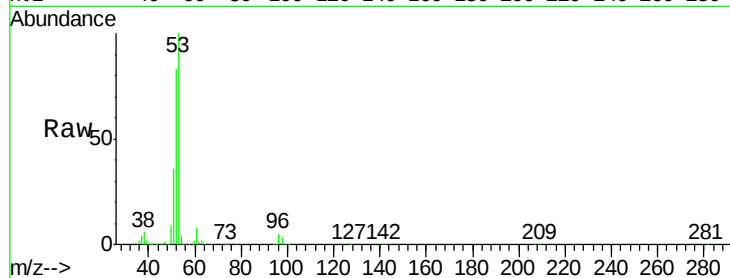




#15
 Acrylonitrile
 Concen: 217.576 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX016749.D
 Acq: 15 Jun 2020 12:18

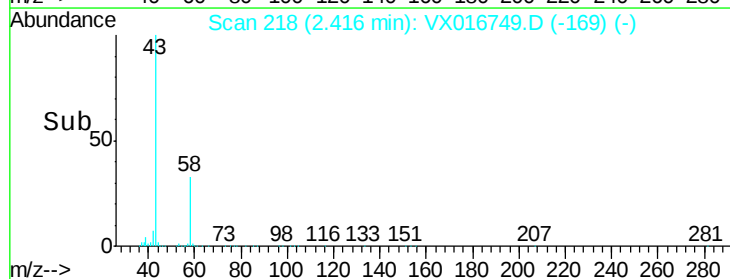
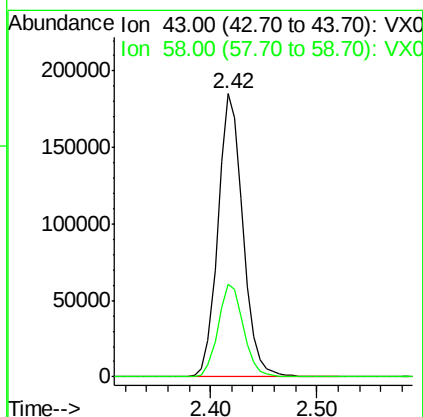
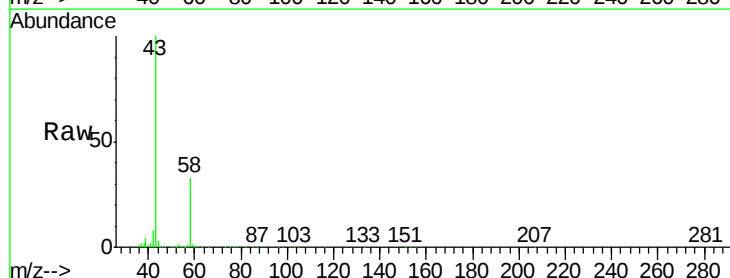
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

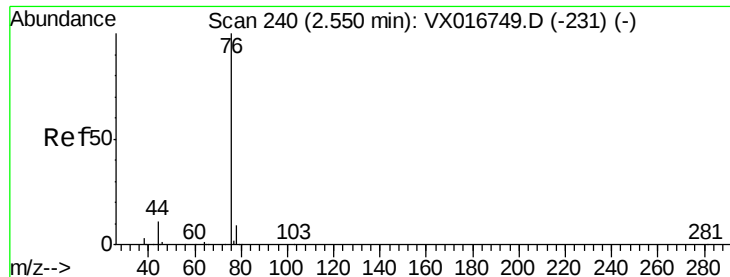
Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.5	98.3
51	35.7	28.6	42.8



#16
 Acetone
 Concen: 219.282 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016749.D
 Acq: 15 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.9	26.3	39.5





#17

Carbon Disulfide

Concen: 47.460 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

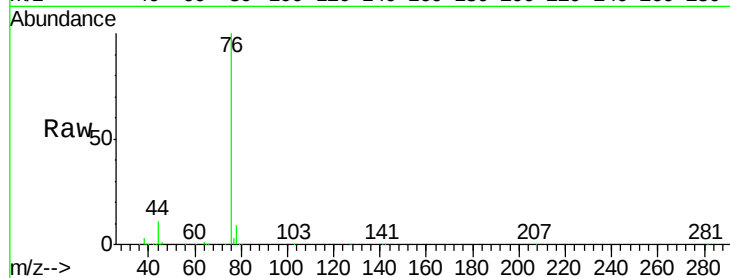
VSTDICCC050

Tgt Ion: 76 Resp: 346714

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

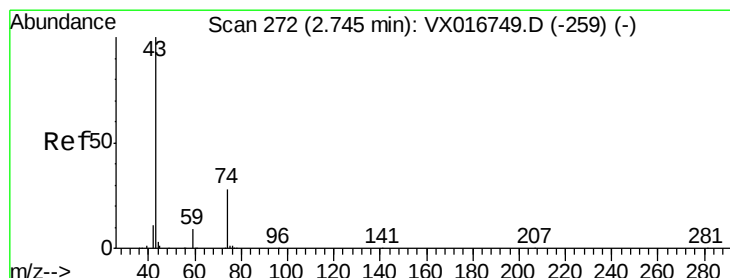
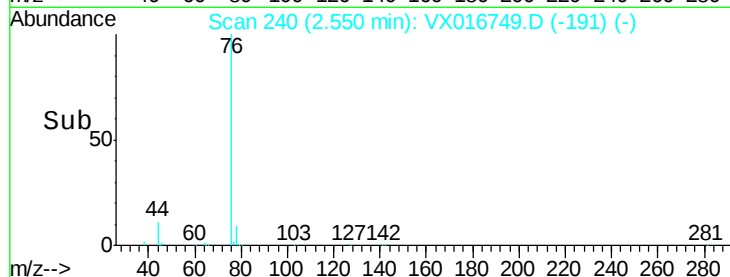
0

2.55

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 48.717 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016749.D

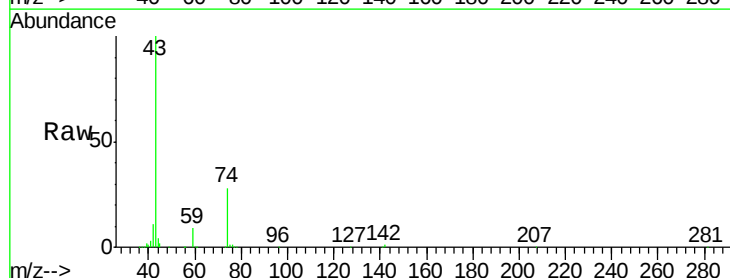
Acq: 15 Jun 2020 12:18

Tgt Ion: 43 Resp: 173901

Ion Ratio Lower Upper

43 100

74 28.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

40000

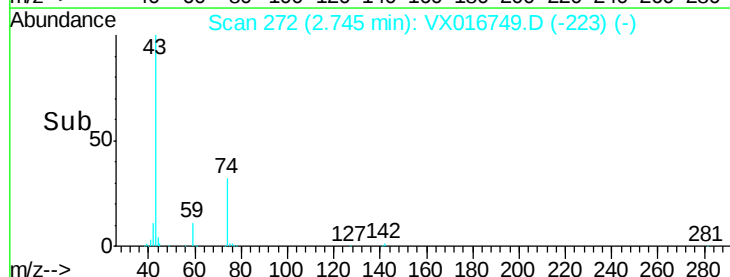
20000

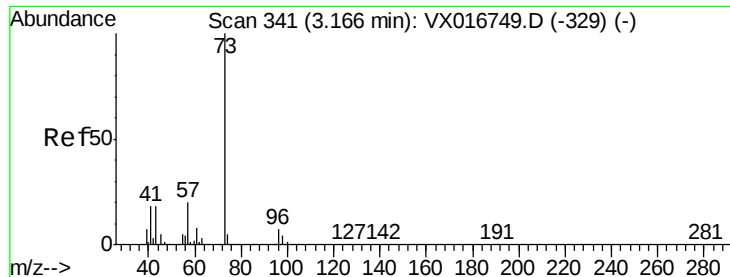
0

2.75

2.80

Time-->





#19

Methyl tert-butyl Ether

Concen: 47.184 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

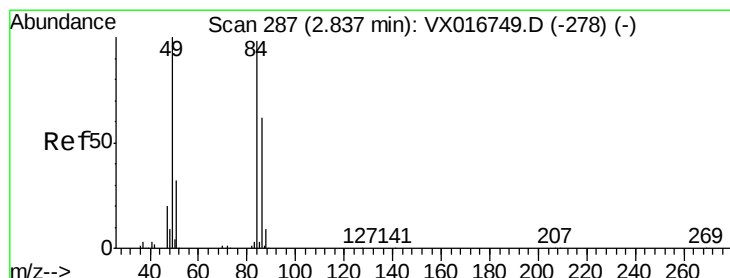
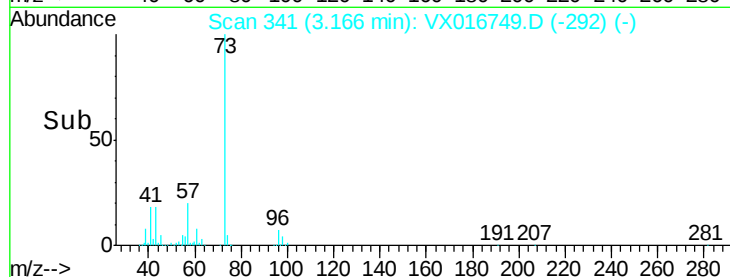
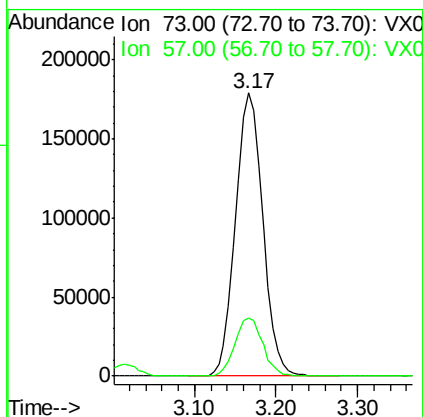
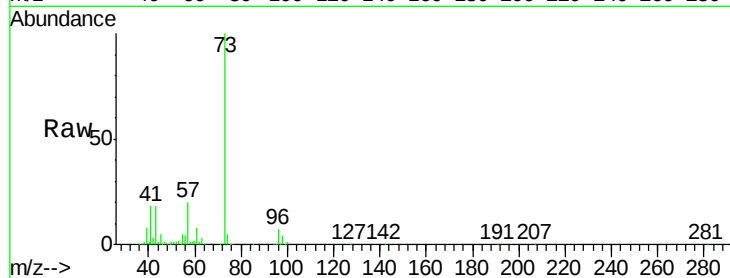
VSTDICCC050

Tgt Ion: 73 Resp: 414640

Ion Ratio Lower Upper

73 100

57 20.3 16.2 24.4



#20

Methylene Chloride

Concen: 45.982 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Tgt Ion: 84 Resp: 131997

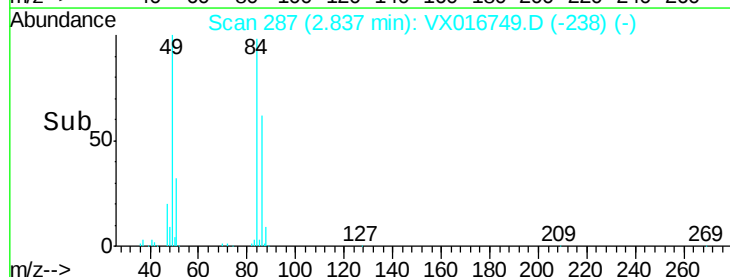
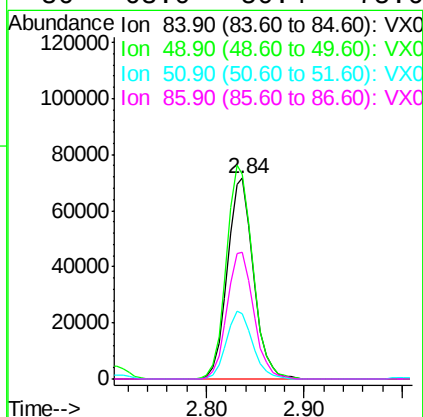
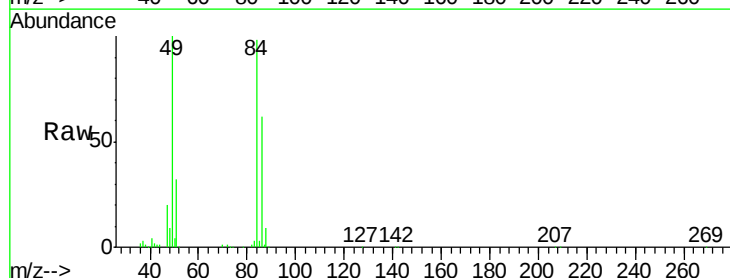
Ion Ratio Lower Upper

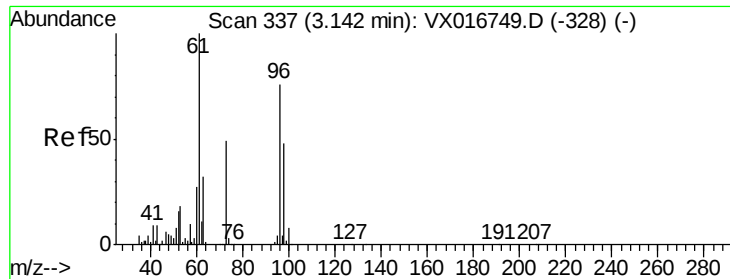
84 100

49 102.3 81.8 122.8

51 32.3 25.8 38.8

86 63.0 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 47.791 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

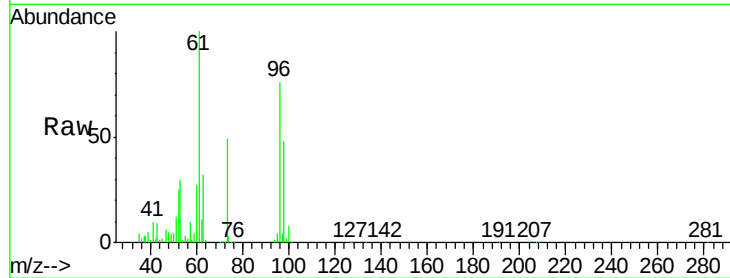
Tgt Ion: 96 Resp: 130319

Ion Ratio Lower Upper

96 100

61 131.8 105.4 158.2

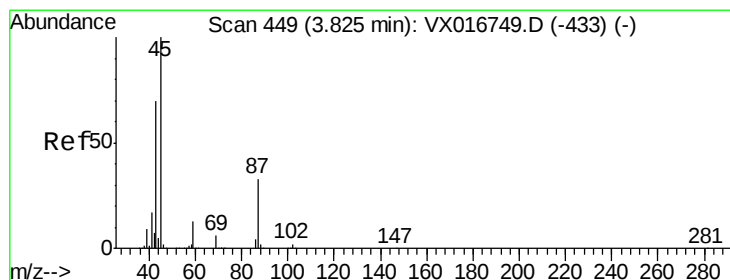
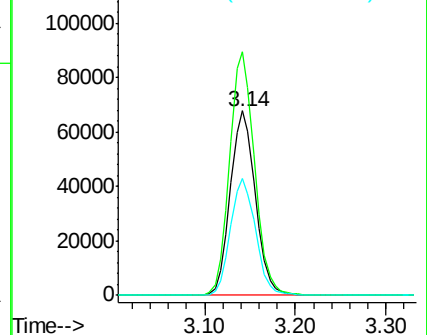
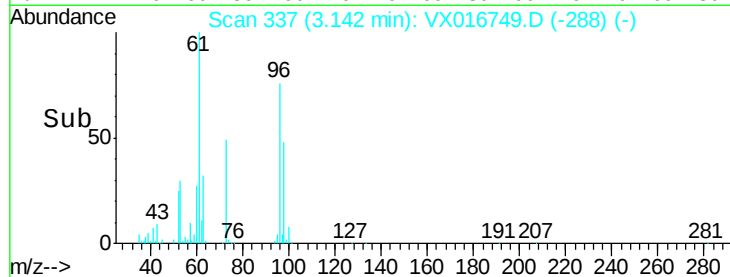
98 63.5 50.8 76.2



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: 42.741 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Tgt Ion: 45 Resp: 362324

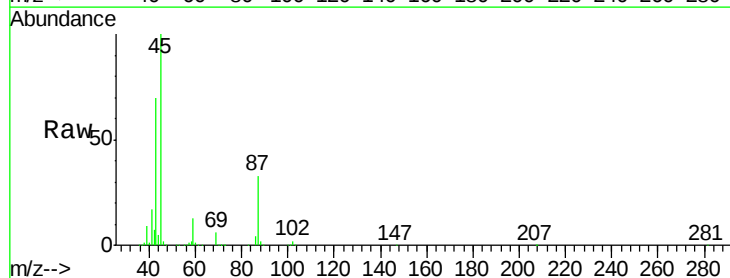
Ion Ratio Lower Upper

45 100

43 70.3 56.2 84.4

87 32.8 26.2 39.4

59 12.9 10.3 15.5

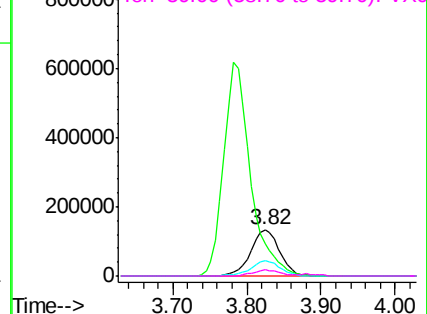
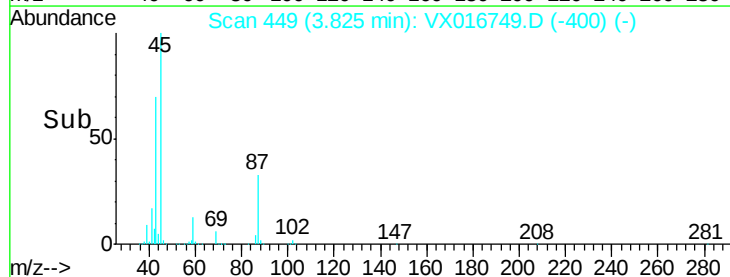


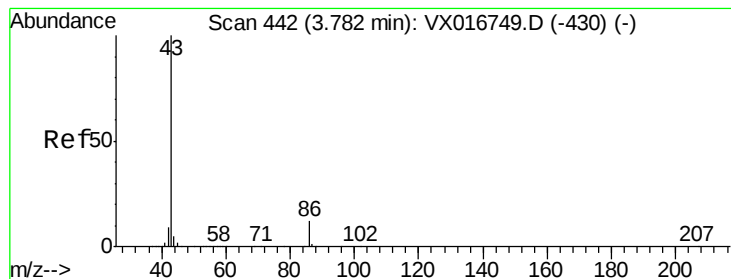
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 211.304 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

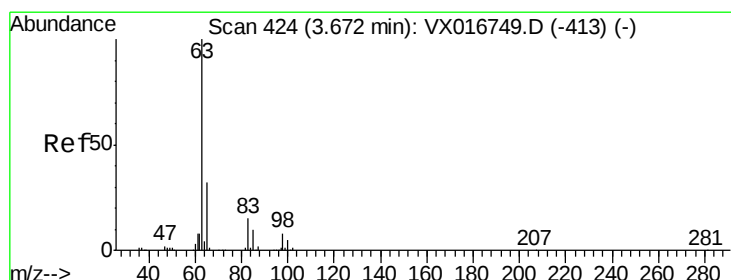
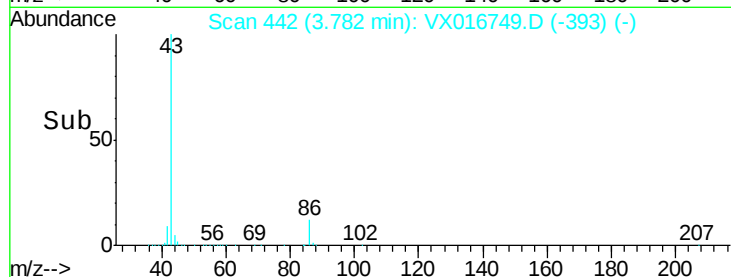
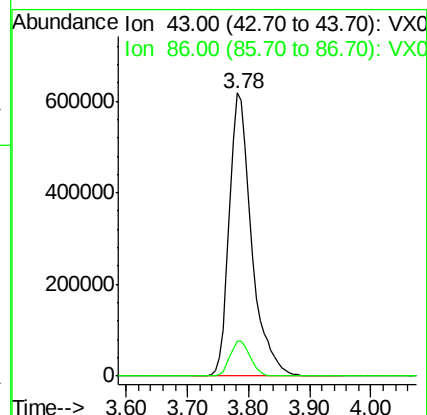
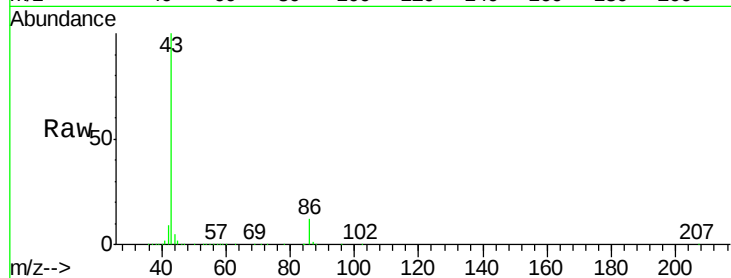
VSTDICCC050

Tgt Ion: 43 Resp: 1556429

Ion Ratio Lower Upper

43 100

86 12.3 9.8 14.8



#24

1,1-Dichloroethane

Concen: 46.053 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

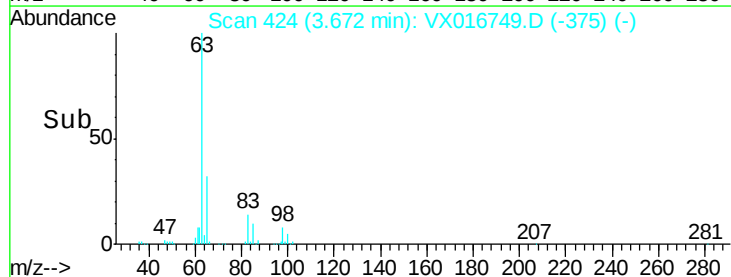
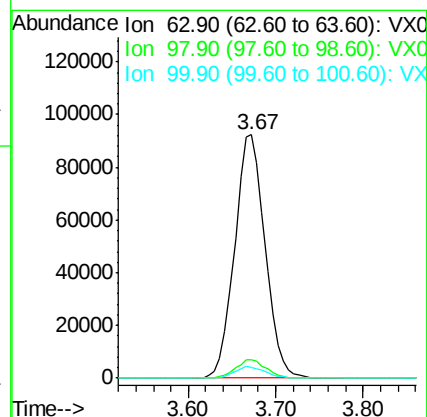
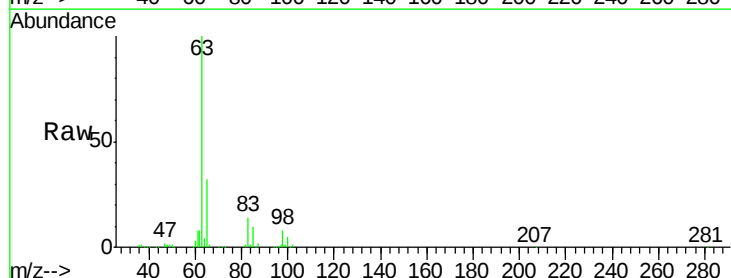
Tgt Ion: 63 Resp: 223815

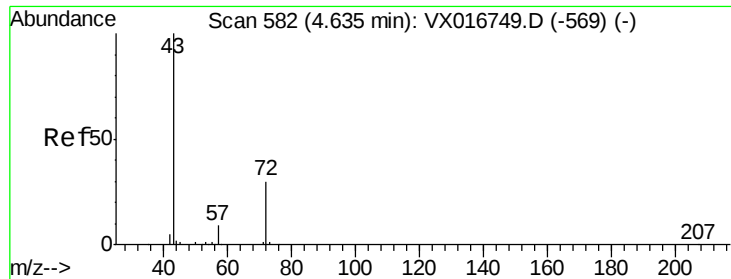
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.6 2.3 6.9





#25

2-Butanone

Concen: 209.994 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

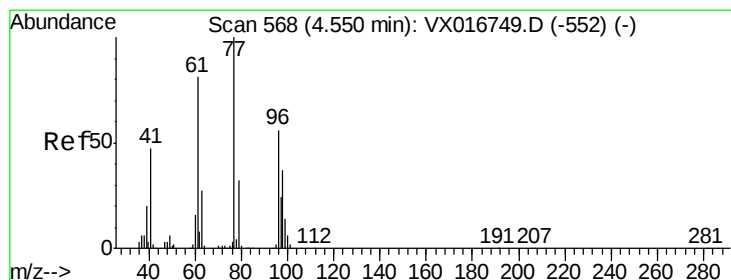
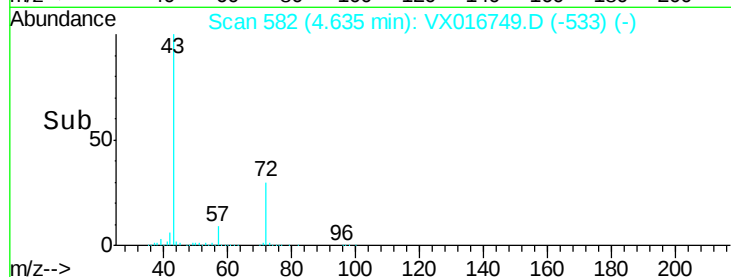
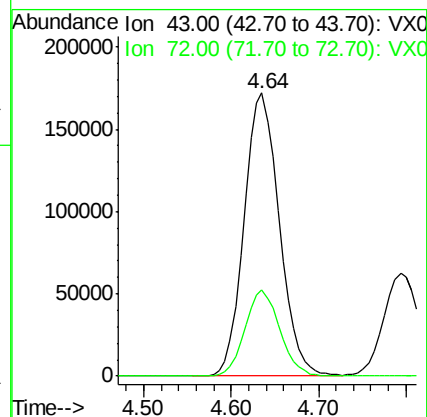
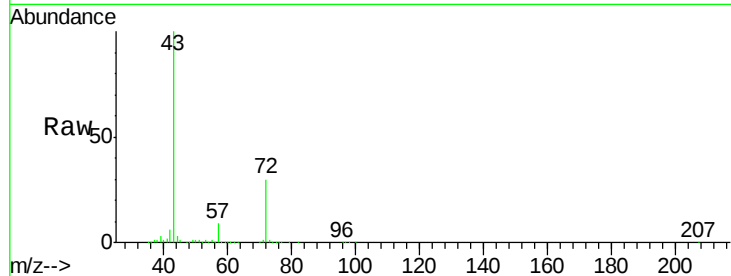
VSTDICCC050

Tgt Ion: 43 Resp: 480480

Ion Ratio Lower Upper

43 100

72 30.3 24.2 36.4



#26

2,2-Dichloropropane

Concen: 51.260 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016749.D

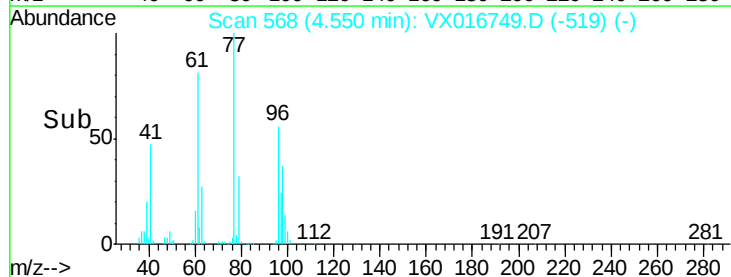
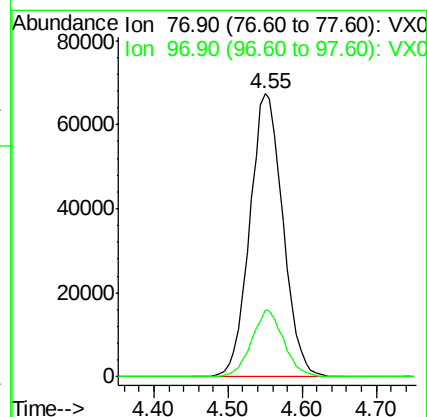
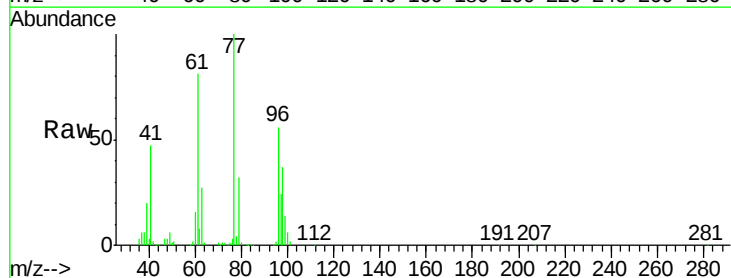
Acq: 15 Jun 2020 12:18

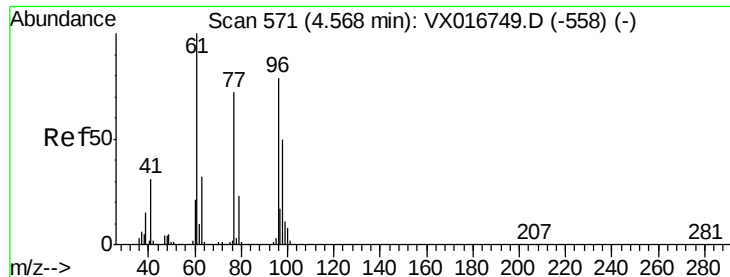
Tgt Ion: 77 Resp: 209978

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4



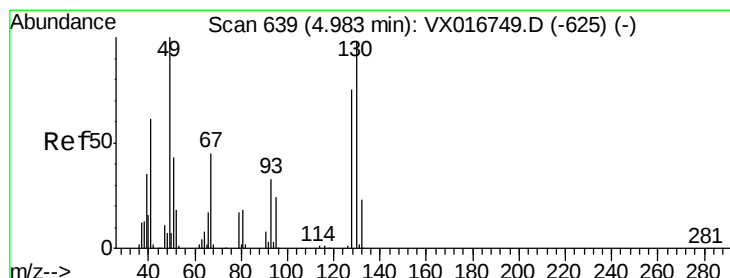
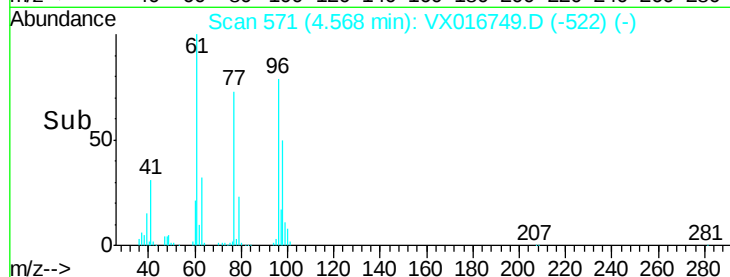
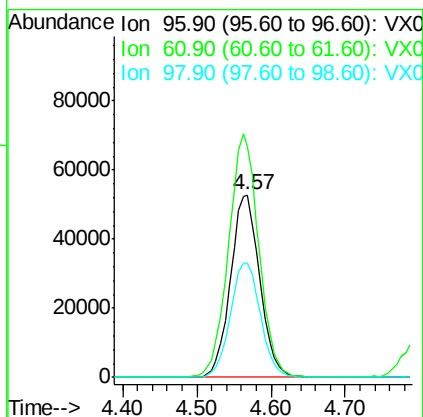
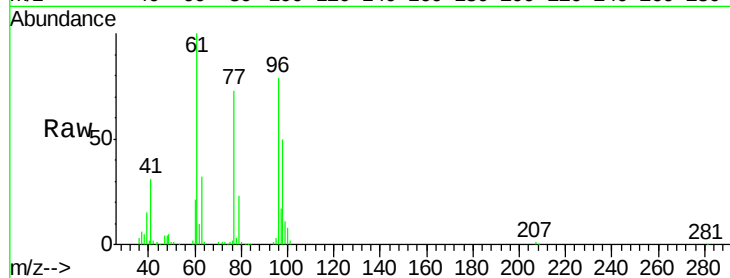


#27

cis-1,2-Dichloroethene
Concen: 46.327 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

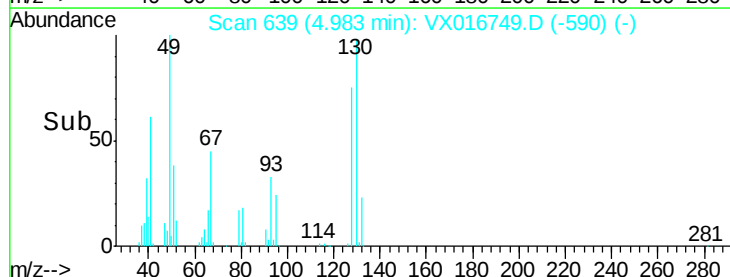
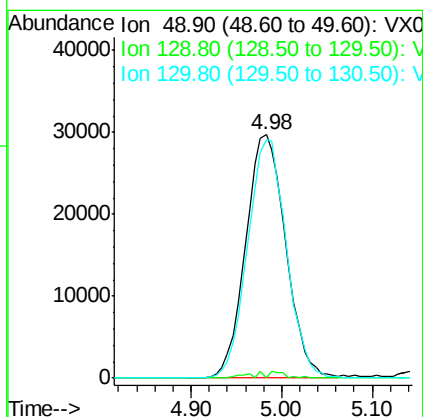
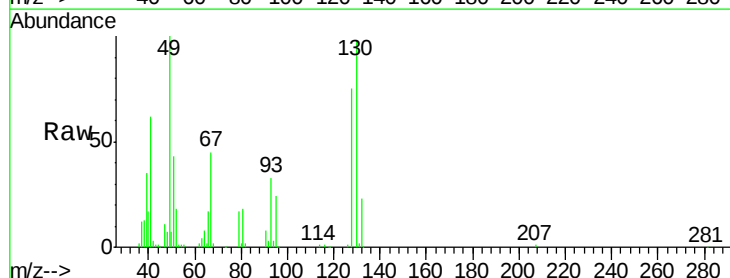
Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.1	0.0	276.2
98	65.0	0.0	130.0

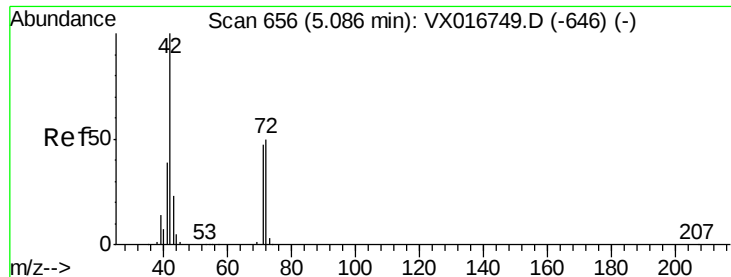


#28

Bromochloromethane
Concen: 40.595 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	2.8
130	95.0	76.0	114.0

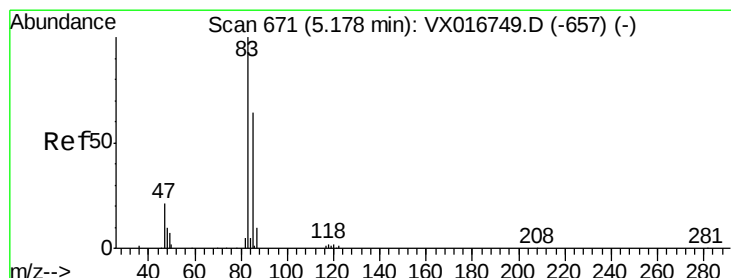
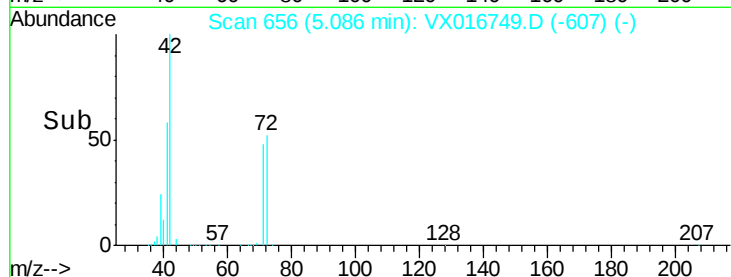
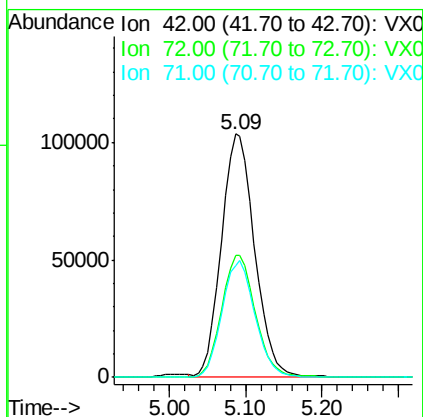
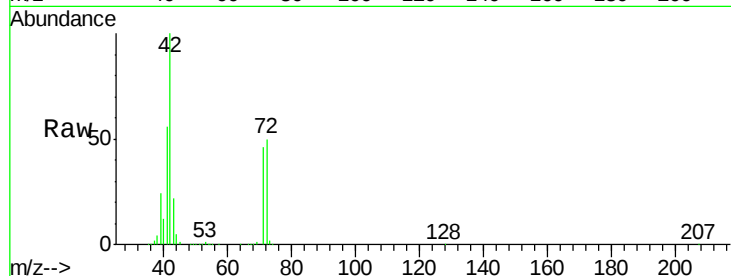




#29
Tetrahydrofuran
Concen: 210.406 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

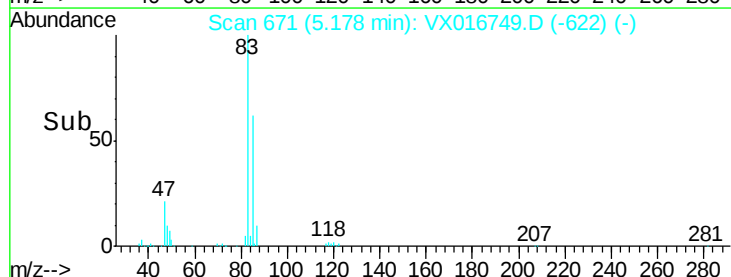
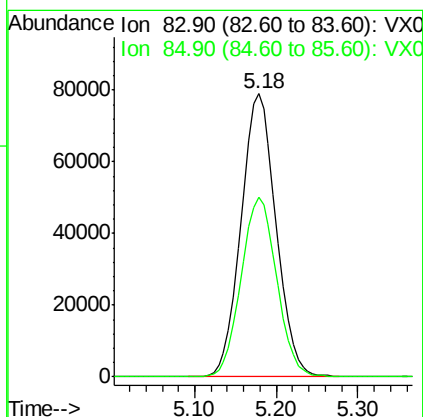
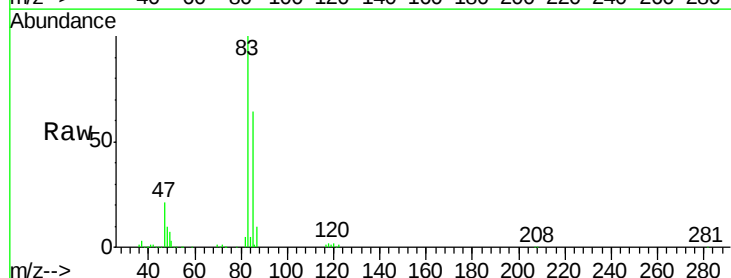
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

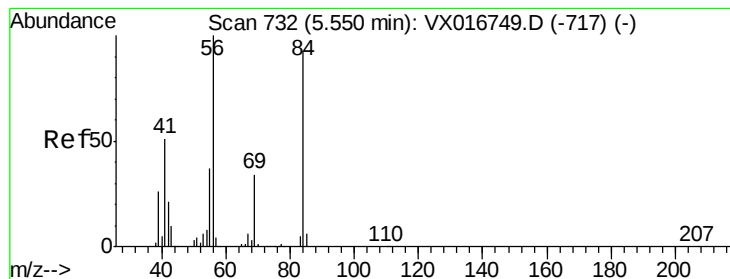
Tgt Ion: 42 Resp: 310547
Ion Ratio Lower Upper
42 100
72 51.3 41.0 61.6
71 47.9 38.2 57.4



#30
Chloroform
Concen: 47.749 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion: 83 Resp: 235793
Ion Ratio Lower Upper
83 100
85 63.5 50.8 76.2





#31

Cyclohexane

Concen: 43.829 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

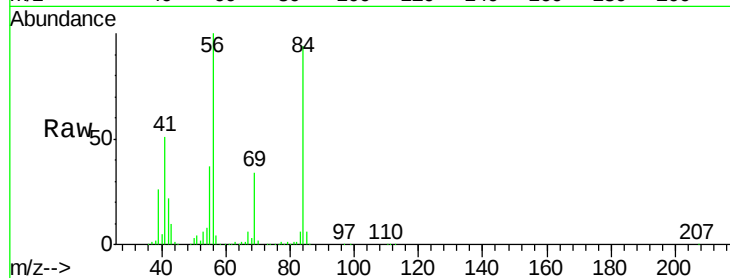
Tgt Ion: 56 Resp: 189642

Ion Ratio Lower Upper

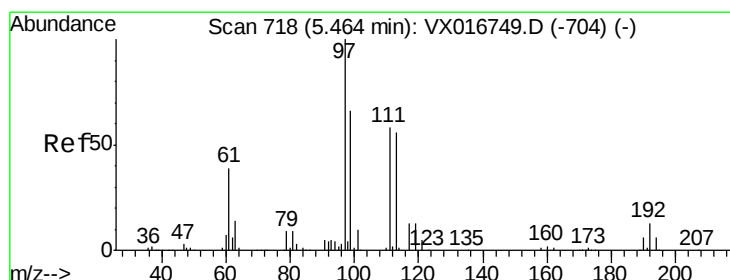
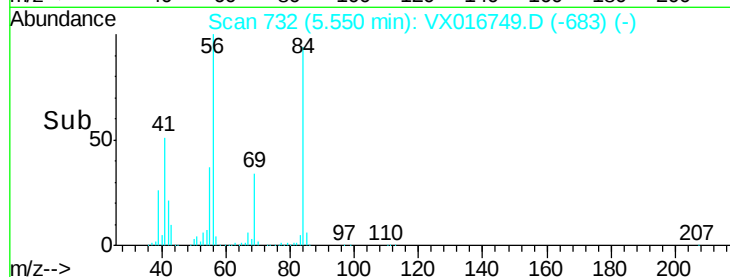
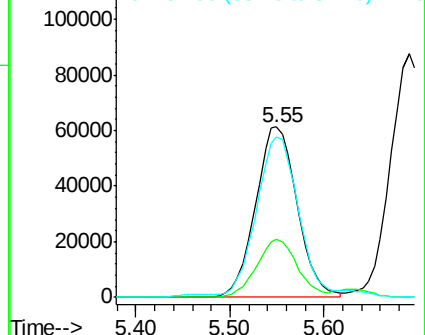
56 100

69 33.9 27.1 40.7

84 92.5 74.0 111.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.799 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

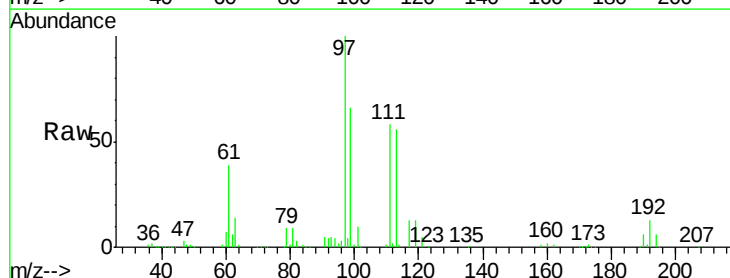
Tgt Ion: 97 Resp: 224053

Ion Ratio Lower Upper

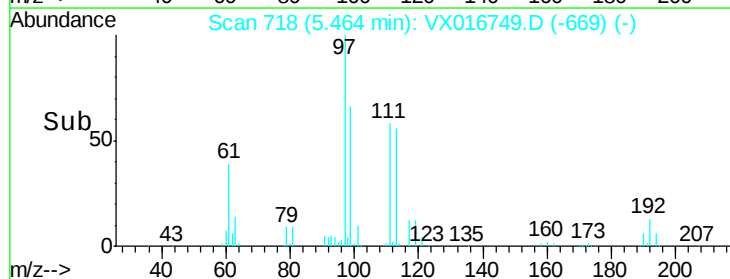
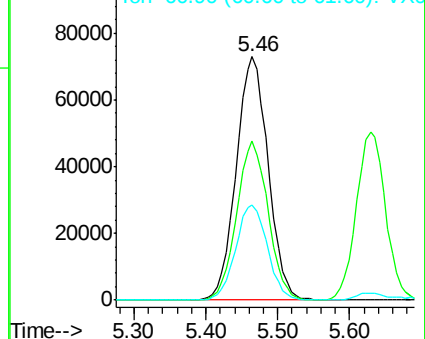
97 100

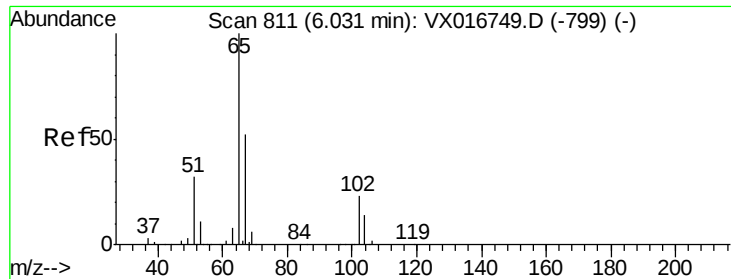
99 64.4 51.5 77.3

61 39.1 31.3 46.9



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

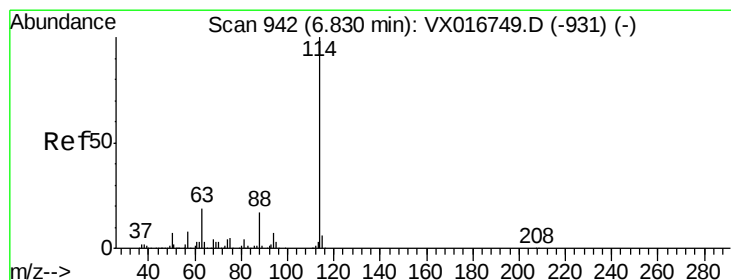
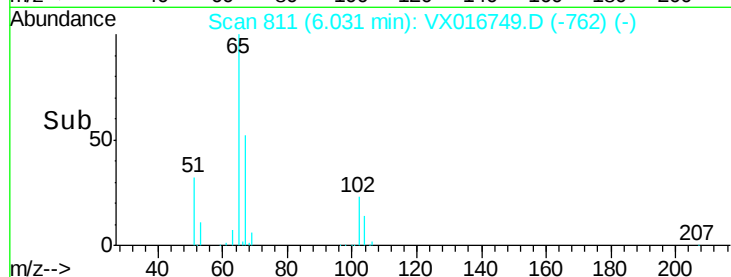
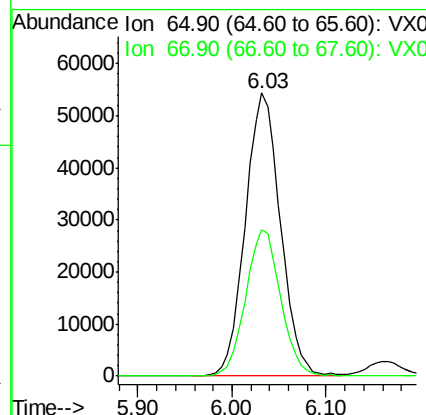
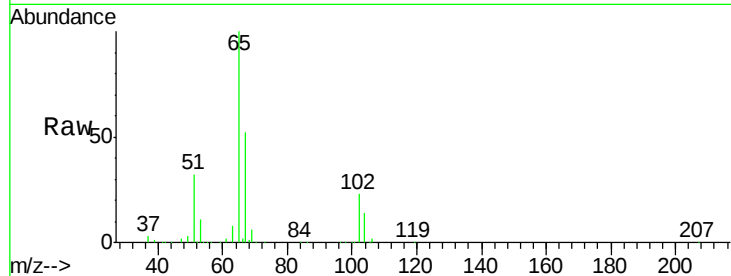




#33
 1,2-Dichloroethane-d4
 Concen: 45.159 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016749.D
 Acq: 15 Jun 2020 12:18

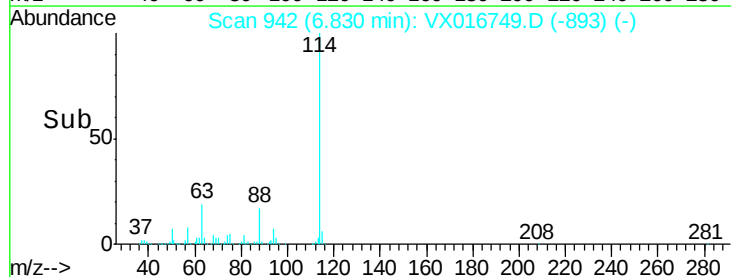
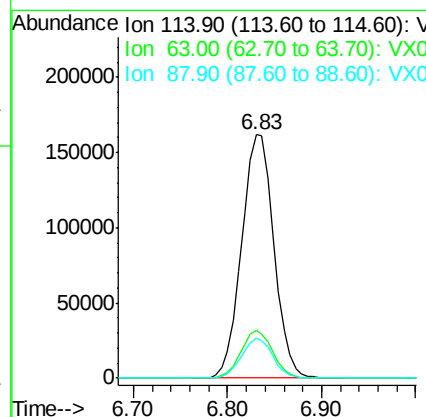
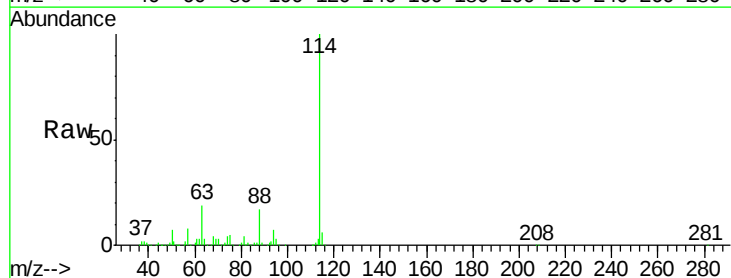
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

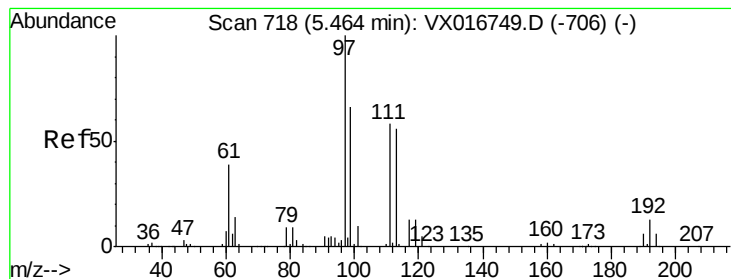
Tgt Ion: 65 Resp: 142150
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016749.D
 Acq: 15 Jun 2020 12:18

Tgt Ion: 114 Resp: 387315
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.8
 88 16.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.973 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

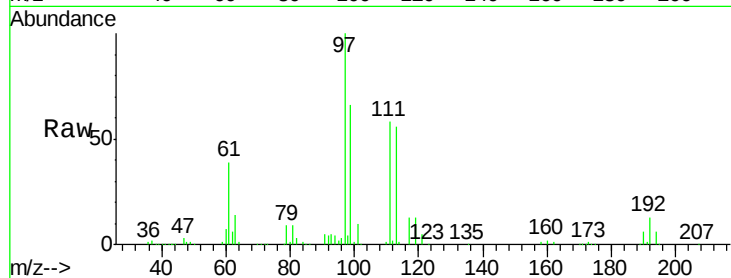
Tgt Ion:113 Resp: 116463

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.6

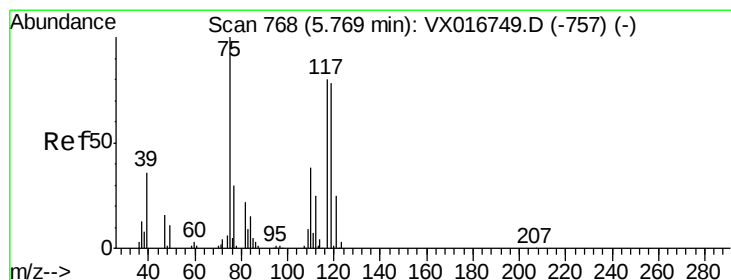
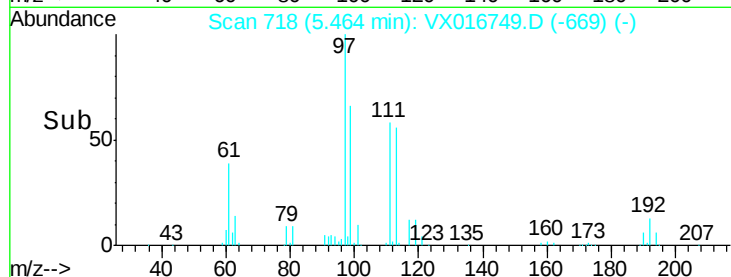
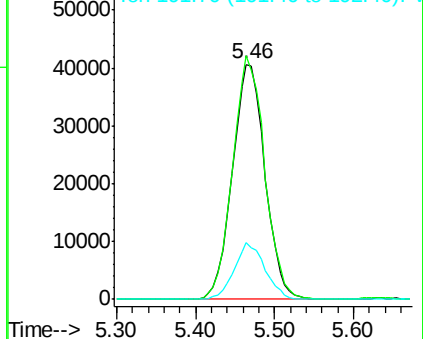
192 22.8 18.2 27.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.329 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

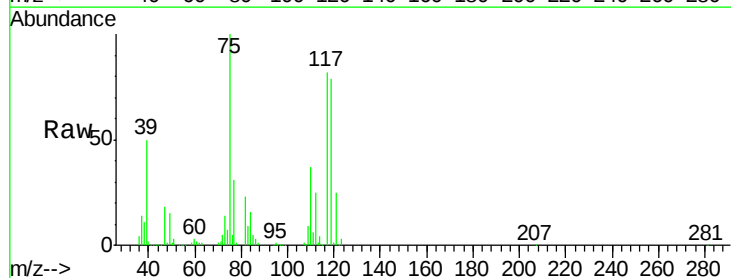
Tgt Ion: 75 Resp: 175270

Ion Ratio Lower Upper

75 100

110 36.8 18.4 55.2

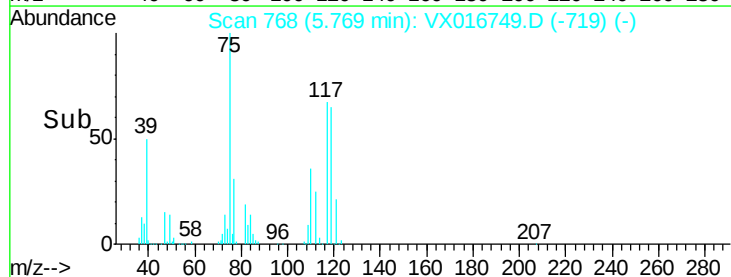
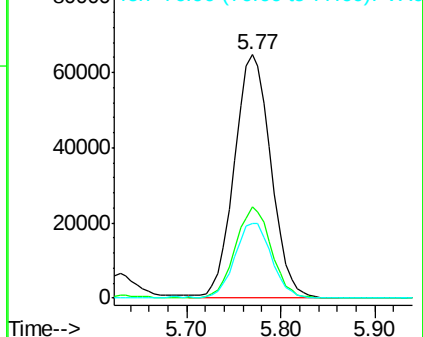
77 30.9 24.7 37.1

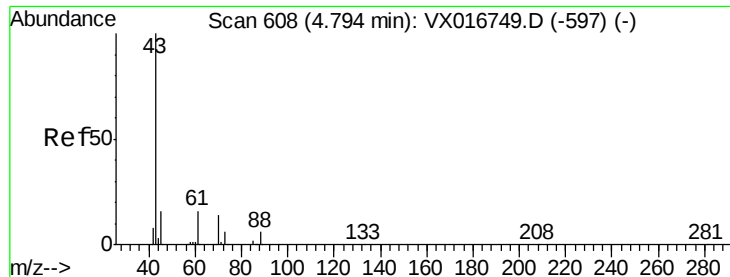


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

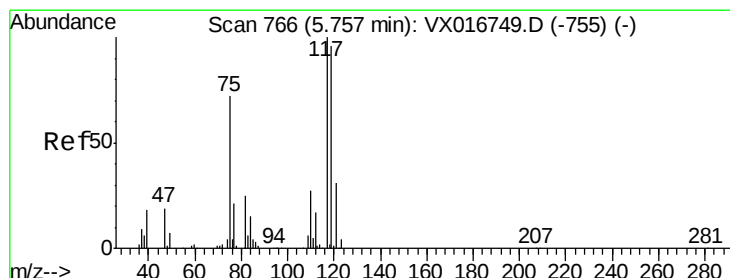
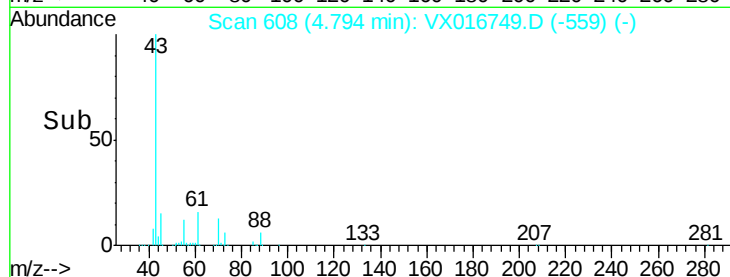
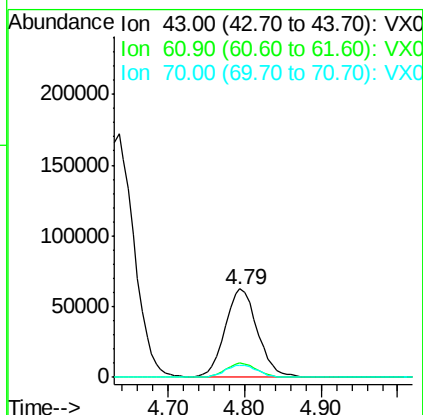
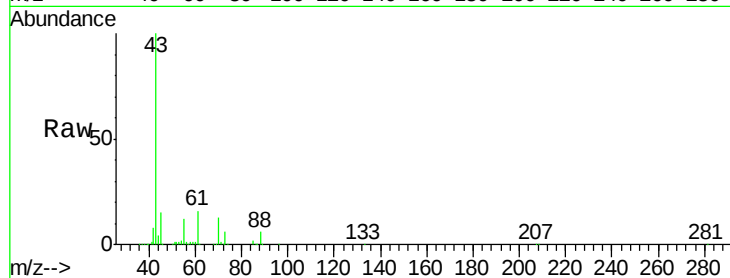




#37
Ethyl Acetate
Concen: 42.896 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

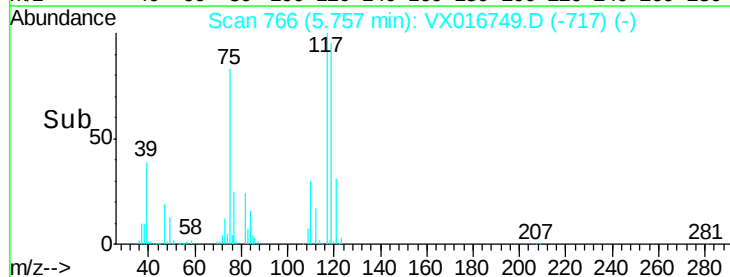
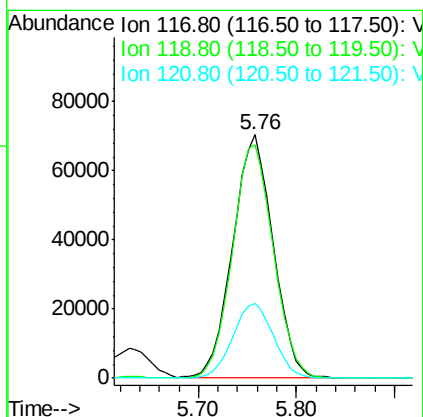
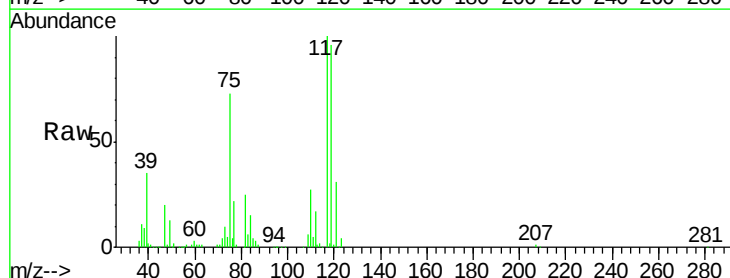
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

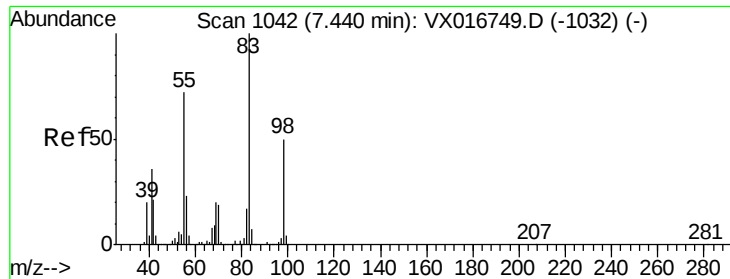
Tgt Ion: 43 Resp: 182509
Ion Ratio Lower Upper
43 100
61 15.5 12.4 18.6
70 13.5 10.8 16.2



#38
Carbon Tetrachloride
Concen: 52.142 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion: 117 Resp: 201444
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1
121 30.9 24.7 37.1

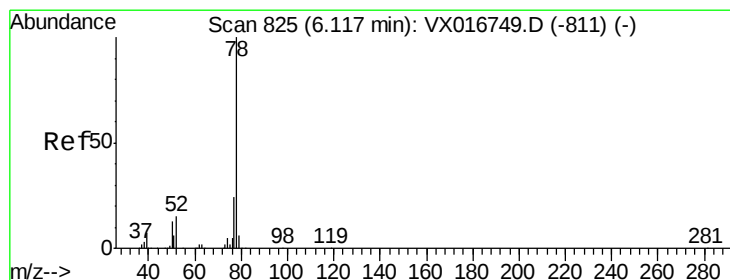
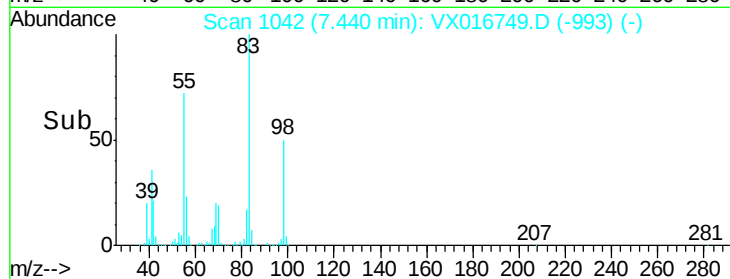
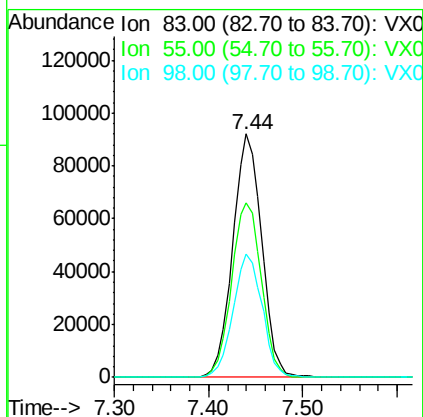
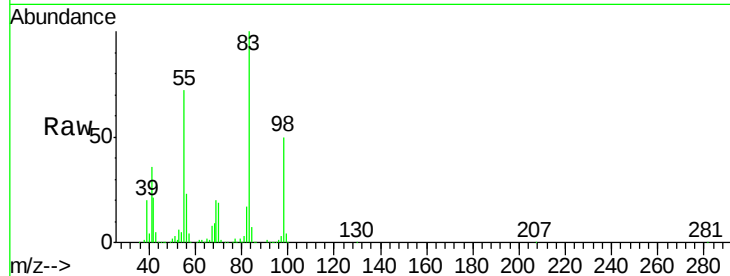




#39
Methylcyclohexane
Concen: 49.752 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

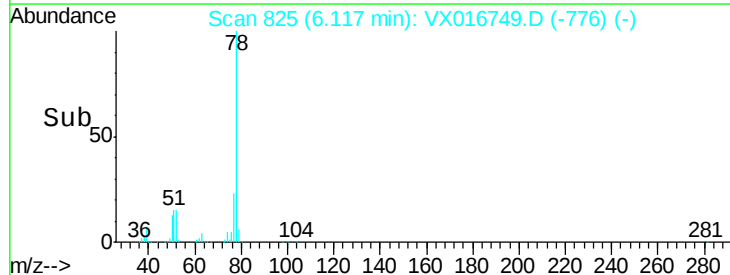
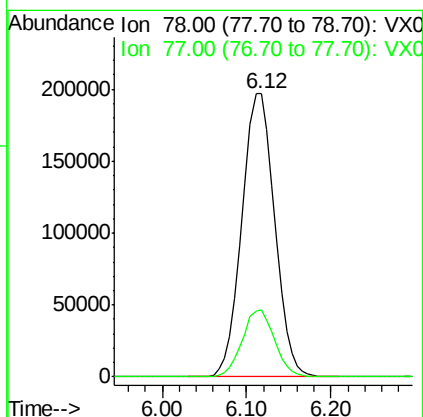
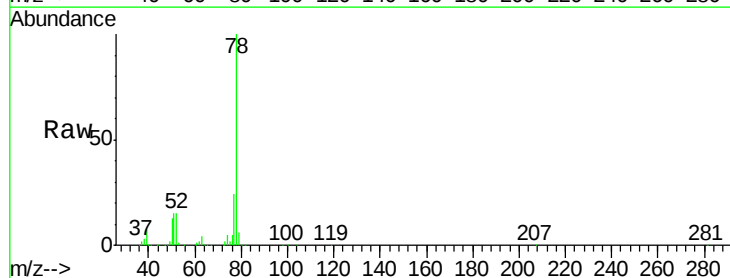
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

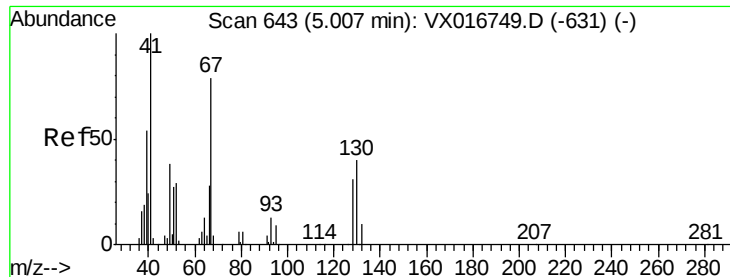
Tgt Ion: 83 Resp: 196825
Ion Ratio Lower Upper
83 100
55 71.6 57.3 85.9
98 50.4 40.3 60.5



#40
Benzene
Concen: 48.199 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion: 78 Resp: 519378
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

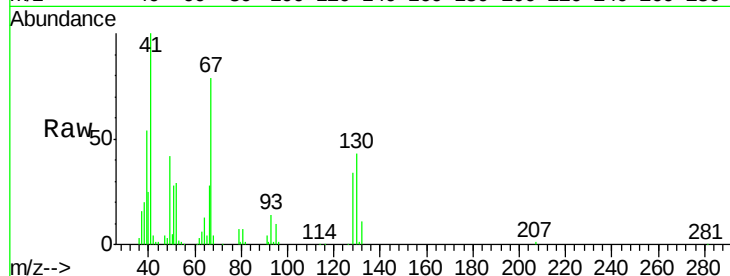




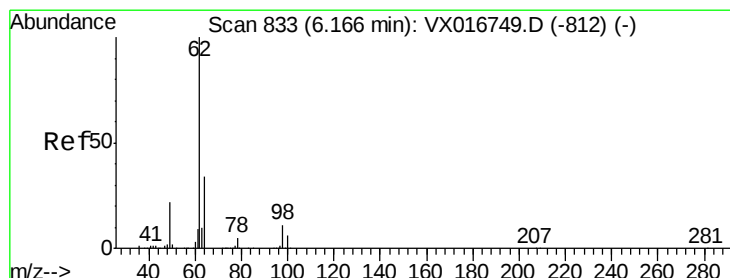
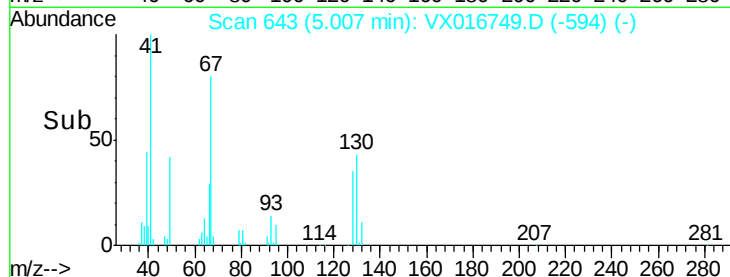
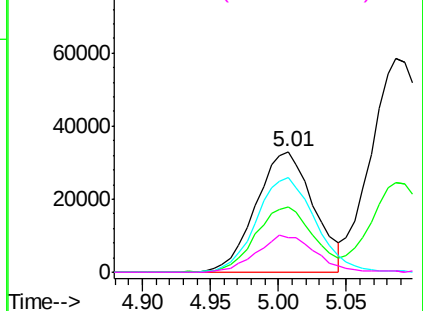
#41
Methacrylonitrile
Concen: 41.654 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	97364
Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.7	65.5
67	80.7	64.6	96.8
52	32.0	25.6	38.4

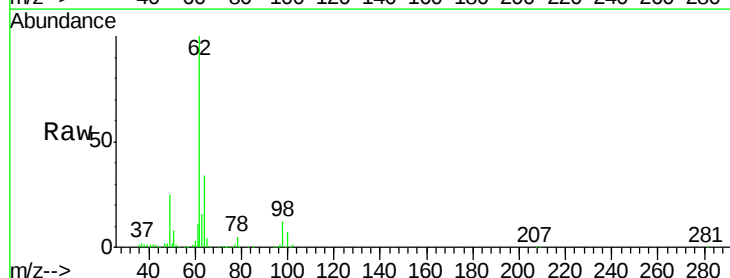


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

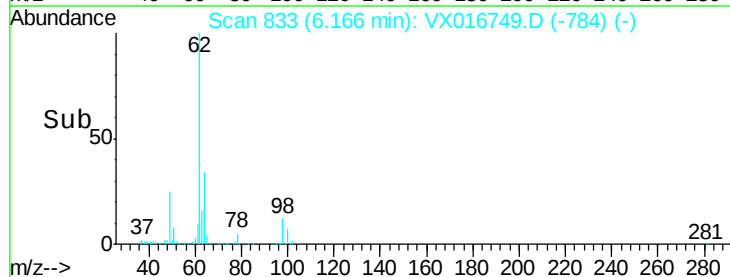
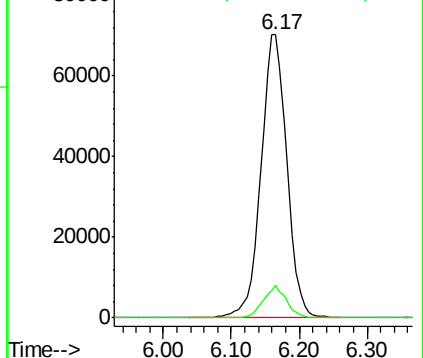


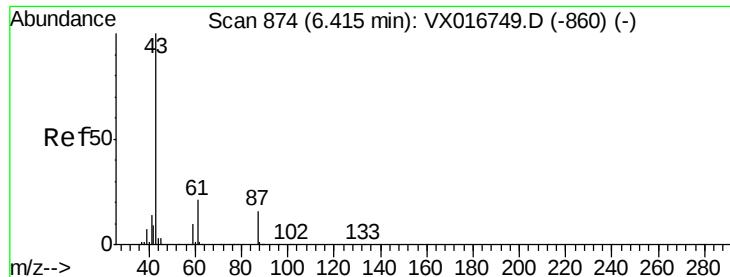
#42
1,2-Dichloroethane
Concen: 48.626 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion:	62	Resp:	186577
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2



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

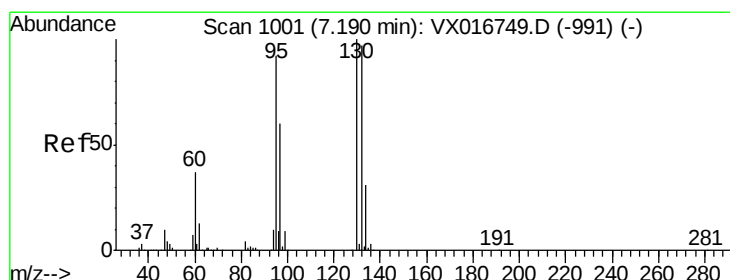
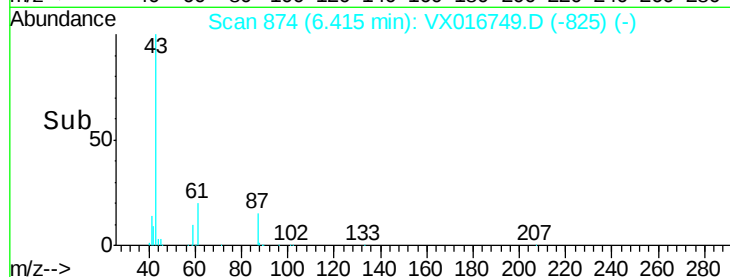
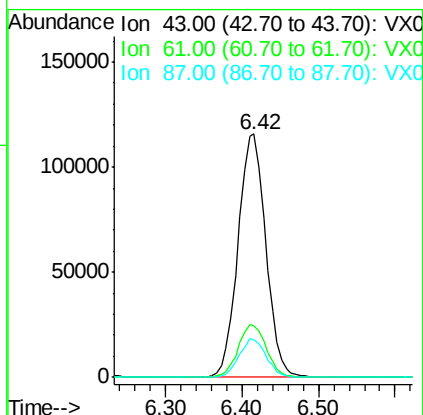
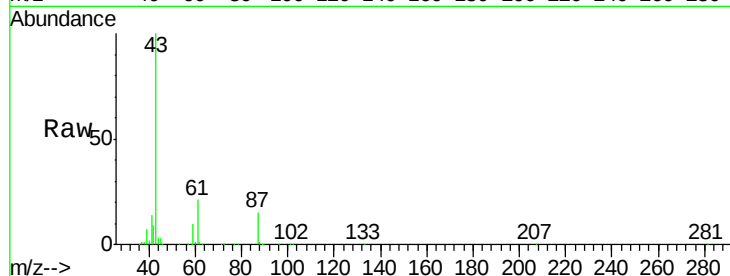




#43
Isopropyl Acetate
Concen: 43.715 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

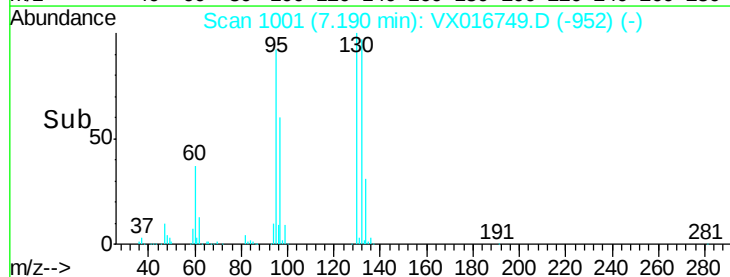
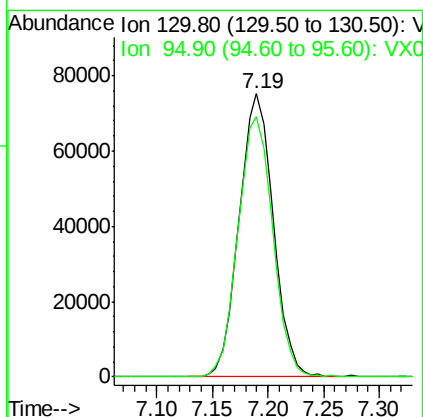
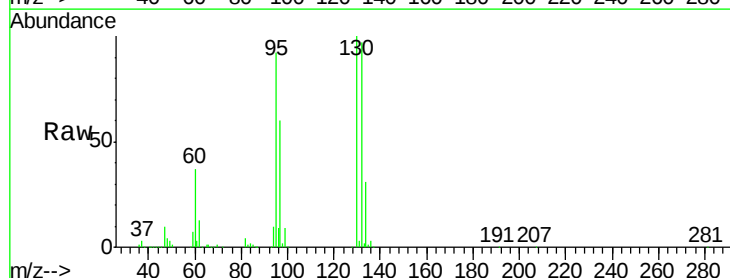
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

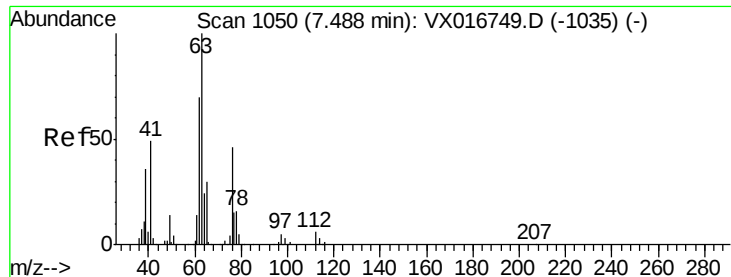
Tgt Ion: 43 Resp: 290881
Ion Ratio Lower Upper
43 100
61 22.1 17.7 26.5
87 15.6 12.5 18.7



#44
Trichloroethene
Concen: 46.931 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion: 130 Resp: 160673
Ion Ratio Lower Upper
130 100
95 91.8 0.0 183.6





#45

1,2-Dichloropropane

Concen: 46.942 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

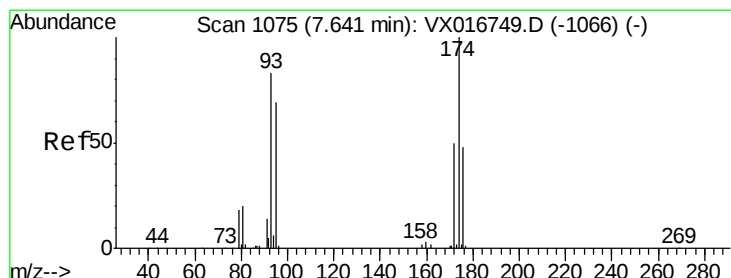
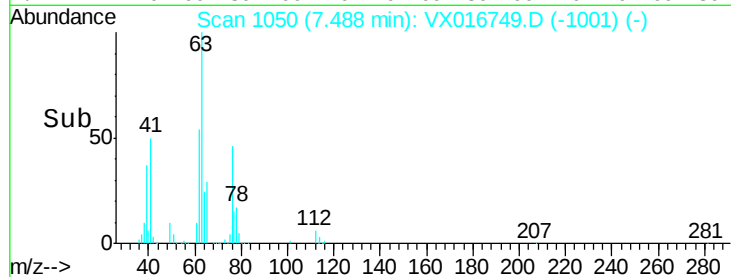
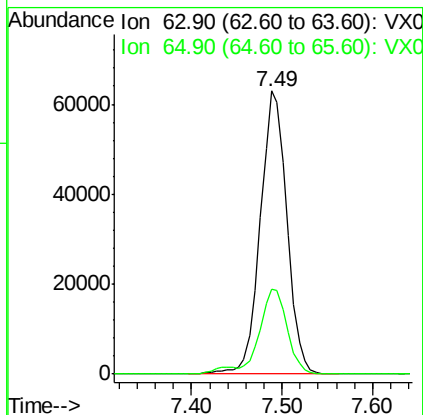
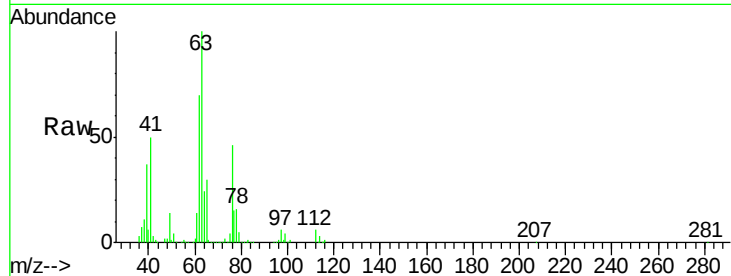
VSTDICCC050

Tgt Ion: 63 Resp: 128113

Ion Ratio Lower Upper

63 100

65 30.2 24.2 36.2



#46

Dibromomethane

Concen: 49.186 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

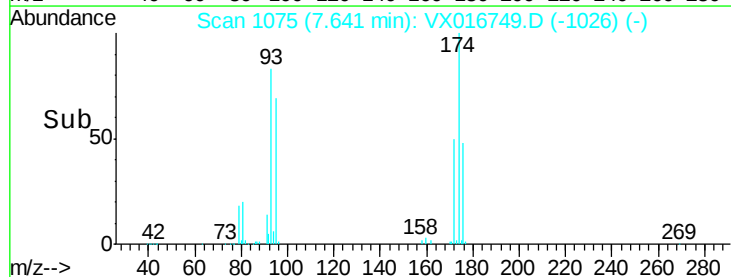
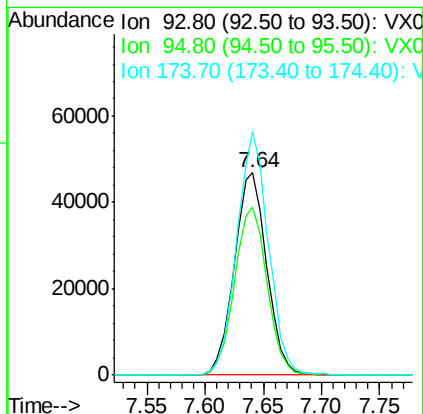
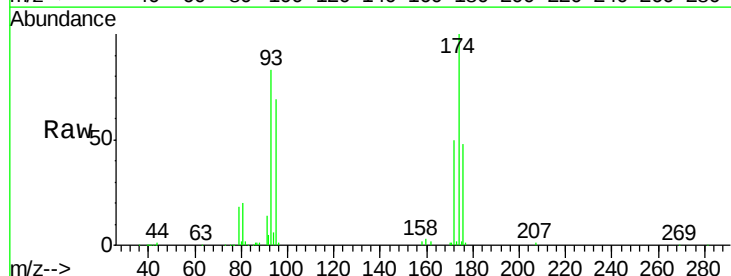
Tgt Ion: 93 Resp: 91080

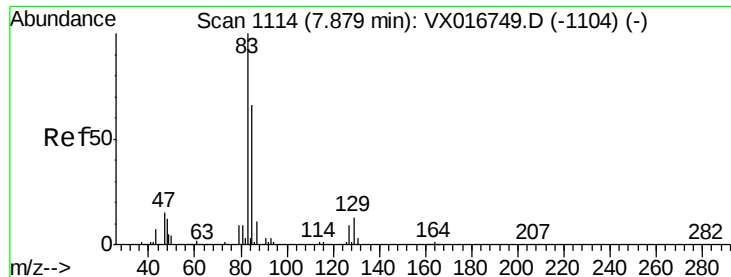
Ion Ratio Lower Upper

93 100

95 83.6 66.9 100.3

174 117.3 93.8 140.8





#47

Bromodichloromethane

Concen: 50.097 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

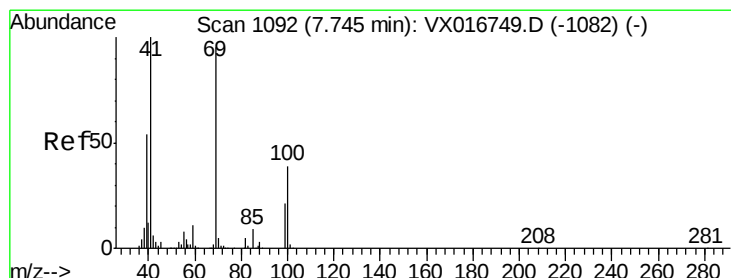
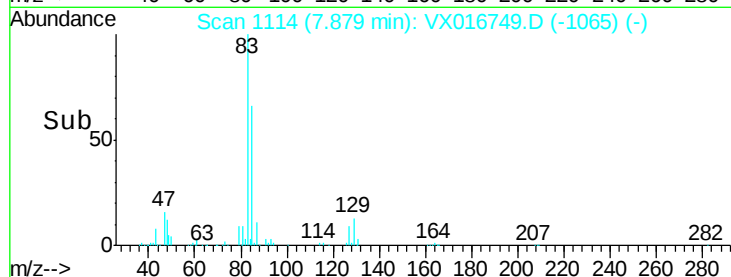
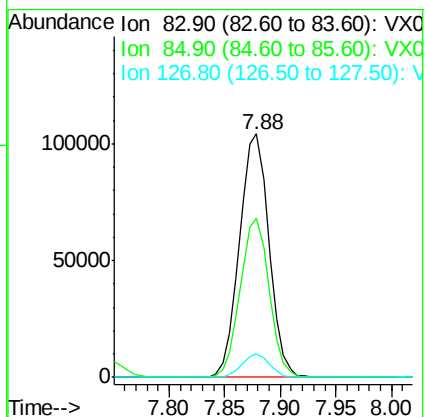
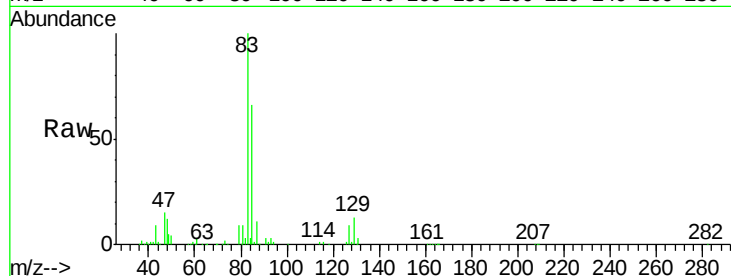
Tgt Ion: 83 Resp: 192260

Ion Ratio Lower Upper

83 100

85 65.6 52.5 78.7

127 9.4 7.5 11.3



#48

Methyl methacrylate

Concen: 43.944 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

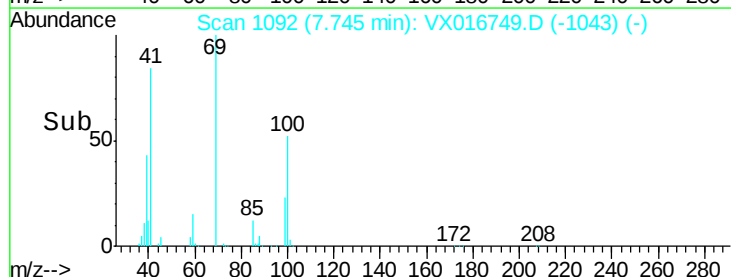
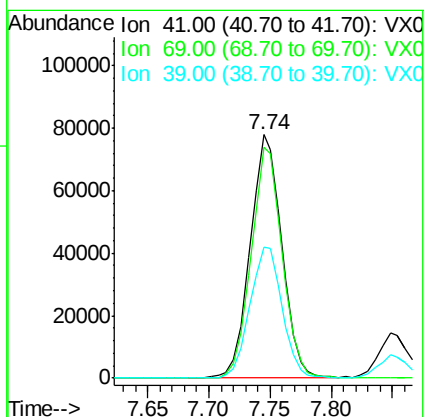
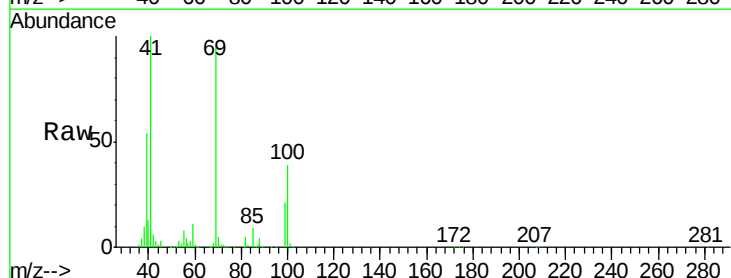
Tgt Ion: 41 Resp: 139723

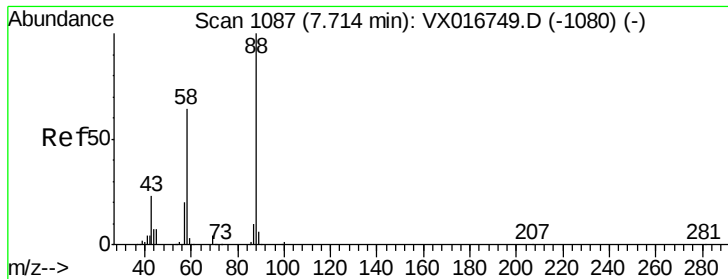
Ion Ratio Lower Upper

41 100

69 93.8 75.0 112.6

39 55.4 44.3 66.5

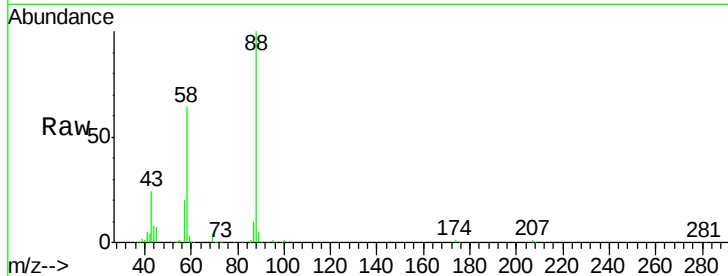




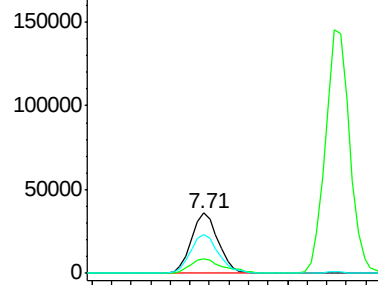
#49
 1,4-Dioxane
 Concen: 923.716 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX016749.D
 Acq: 15 Jun 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

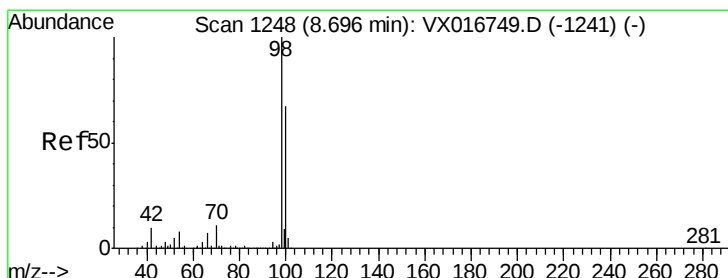
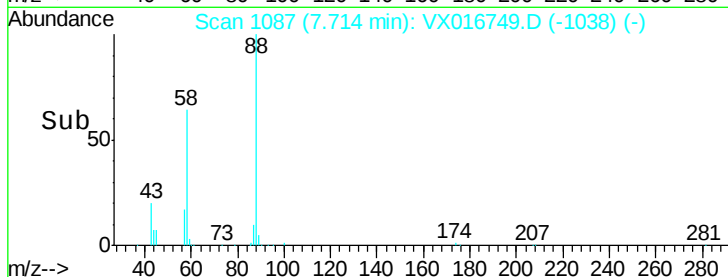
Tgt Ion: 88 Resp: 69349
 Ion Ratio Lower Upper
 88 100
 43 28.6 22.9 34.3
 58 67.1 53.7 80.5



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

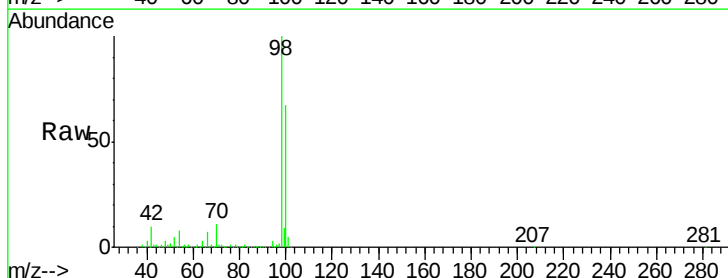


Time-->

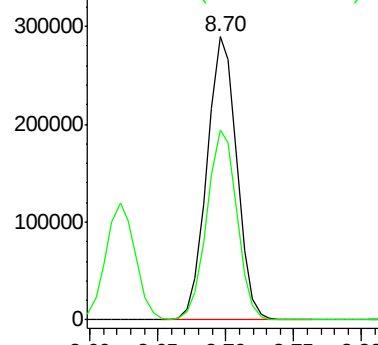


#50
 Toluene-d8
 Concen: 48.200 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX016749.D
 Acq: 15 Jun 2020 12:18

Tgt Ion: 98 Resp: 442633
 Ion Ratio Lower Upper
 98 100
 100 67.4 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0



Time-->

