

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061820\
 Data File : VX016839.D
 Acq On : 18 Jun 2020 11:02
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 18 12:24:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 12:21:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	256568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	386032	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	363388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195259	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	17274	5.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.30%	
35) Dibromofluoromethane	5.47	113	13685	5.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.42%	
50) Toluene-d8	8.70	98	52451	5.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.76%	
62) 4-Bromofluorobenzene	11.12	95	19668	5.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.58%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	12337	4.598	ug/l 97
3) Chloromethane	1.31	50	15218	5.340	ug/l 94
4) Vinyl Chloride	1.39	62	17632	5.626	ug/l 96
5) Bromomethane	1.62	94	13318	6.792	ug/l 95
6) Chloroethane	1.71	64	11360	5.952	ug/l 100
7) Trichlorofluoromethane	1.92	101	26228	5.921	ug/l 100
8) Diethyl Ether	2.17	74	10473	5.777	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	15251	6.737	ug/l 96
10) Methyl Iodide	2.49	142	10157	3.707	ug/l 100
11) Tert butyl alcohol	3.01	59	13678	19.735	ug/l 98
12) 1,1-Dichloroethene	2.36	96	15277	5.926	ug/l 94
13) Acrolein	2.27	56	9523	28.659	ug/l 92
14) Allyl chloride	2.70	41	20326	5.197	ug/l 99
15) Acrylonitrile	3.11	53	31683	21.992	ug/l 98
16) Acetone	2.42	43	33706	26.334	ug/l 98
17) Carbon Disulfide	2.55	76	43208	6.022	ug/l 98
18) Methyl Acetate	2.75	43	13555	3.968	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	40637	4.763	ug/l 98
20) Methylene Chloride	2.84	84	14167	5.022	ug/l 96
21) trans-1,2-Dichloroethene	3.14	96	13586	5.030	ug/l 94
22) Diisopropyl ether	3.82	45	36655	4.977	ug/l 99
23) Vinyl Acetate	3.78	43	150216	23.678	ug/l 100
24) 1,1-Dichloroethane	3.67	63	23124	5.015	ug/l 98
25) 2-Butanone	4.64	43	40934	21.284	ug/l 100
26) 2,2-Dichloropropane	4.54	77	22005	5.155	ug/l 98
27) cis-1,2-Dichloroethene	4.57	96	15294	4.951	ug/l 98
28) Bromochloromethane	4.98	49	9835	5.013	ug/l 98
29) Tetrahydrofuran	5.09	42	25531	20.511	ug/l 99
30) Chloroform	5.17	83	24479	5.019	ug/l 95
31) Cyclohexane	5.54	56	18985	5.456	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	23036	5.205	ug/l 97
36) 1,1-Dichloropropene	5.76	75	18184	5.341	ug/l 95
37) Ethyl Acetate	4.79	43	16262	4.448	ug/l 98
38) Carbon Tetrachloride	5.75	117	20394	5.275	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061820\
 Data File : VX016839.D
 Acq On : 18 Jun 2020 11:02
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Quant Time: Jun 18 12:24:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 12:21:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	19772	5.363	ug/l	96
40) Benzene	6.12	78	53881	5.191	ug/l	96
41) Methacrylonitrile	5.01	41	8574	4.375	ug/l	96
42) 1,2-Dichloroethane	6.16	62	19657	5.192	ug/l	99
43) Isopropyl Acetate	6.41	43	26393	4.508	ug/l	99
44) Trichloroethene	7.19	130	17935	5.420	ug/l	97
45) 1,2-Dichloropropane	7.49	63	13392	5.229	ug/l	91
46) Dibromomethane	7.64	93	9199	4.968	ug/l	98
47) Bromodichloromethane	7.87	83	19031	4.933	ug/l	95
48) Methyl methacrylate	7.74	41	12090	4.406	ug/l	97
49) 1,4-Dioxane	7.71	88	5541	82.367	ug/l #	91
51) 4-Methyl-2-Pentanone	8.62	43	77216	21.717	ug/l	99
52) Toluene	8.76	92	34348	5.086	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	20342	4.681	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	25994	5.713	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	14232	5.192	ug/l	96
56) Ethyl methacrylate	9.16	69	18587	4.517	ug/l	97
57) 1,3-Dichloropropane	9.35	76	26815	5.803	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	45045	22.774	ug/l	99
59) 2-Hexanone	9.47	43	74861	27.434	ug/l	99
60) Dibromochloromethane	9.56	129	18172	5.602	ug/l	98
61) 1,2-Dibromoethane	9.65	107	16900	5.719	ug/l	100
64) Tetrachloroethene	9.32	164	19679	5.708	ug/l	91
65) Chlorobenzene	10.12	112	38202	5.196	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	14773	5.096	ug/l	98
67) Ethyl Benzene	10.24	91	62817	5.101	ug/l	100
68) m/p-Xylenes	10.34	106	47323	10.171	ug/l	100
69) o-Xylene	10.68	106	22582	5.051	ug/l	98
70) Styrene	10.70	104	37482	4.852	ug/l	99
71) Bromoform	10.84	173	12104	4.923	ug/l #	96
73) Isopropylbenzene	11.00	105	62012	4.835	ug/l	99
74) N-amyl acetate	10.88	43	21095	4.282	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	18337	4.884	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	24907	6.142	ug/l	84
77) Bromobenzene	11.24	156	17697	4.884	ug/l	99
78) n-propylbenzene	11.34	91	70019	5.000	ug/l	99
79) 2-Chlorotoluene	11.40	91	44180	4.999	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	55157	5.104	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.05	75	6740	4.213	ug/l	97
82) 4-Chlorotoluene	11.49	91	55015	5.295	ug/l	100
83) tert-Butylbenzene	11.76	119	55623	5.594	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	56061	5.125	ug/l	100
85) sec-Butylbenzene	11.93	105	66121	5.711	ug/l	100
86) p-Isopropyltoluene	12.05	119	56533	5.077	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	34273	5.557	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	32883	5.166	ug/l	95
89) n-Butylbenzene	12.37	91	43088	4.670	ug/l	98
90) Hexachloroethane	12.58	117	10067	4.867	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	30229	4.940	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	4385	4.231	ug/l	94

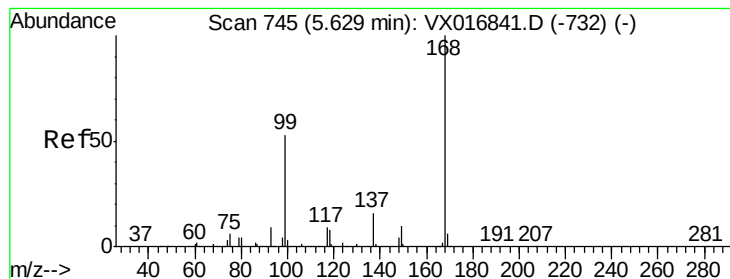
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061820\
Data File : VX016839.D
Acq On : 18 Jun 2020 11:02
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jun 18 12:24:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 18 12:21:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	18715	4.287	ug/l	95
94) Hexachlorobutadiene	13.76	225	8864	4.543	ug/l	96
95) Naphthalene	13.82	128	56426	4.220	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	19411	4.473	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: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

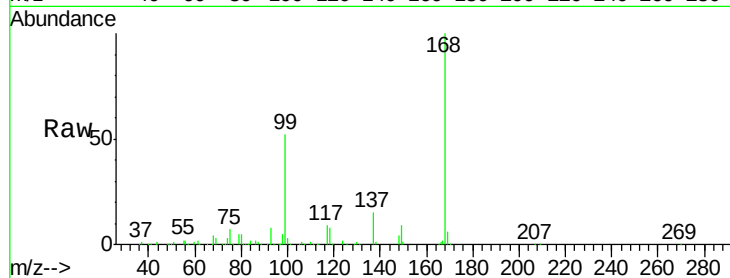
VSTDIC005

Tgt Ion:168 Resp: 256568

Ion Ratio Lower Upper

168 100

99 51.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

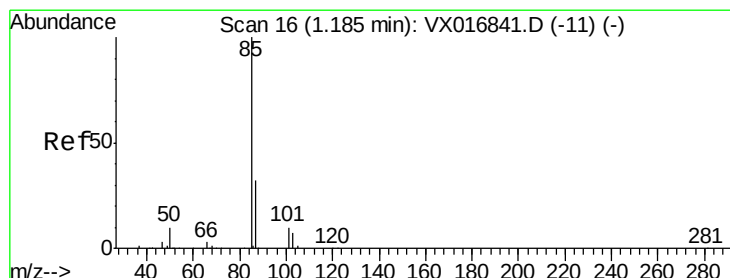
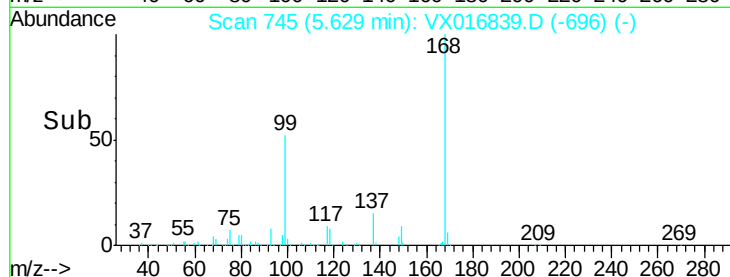
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.598 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016839.D

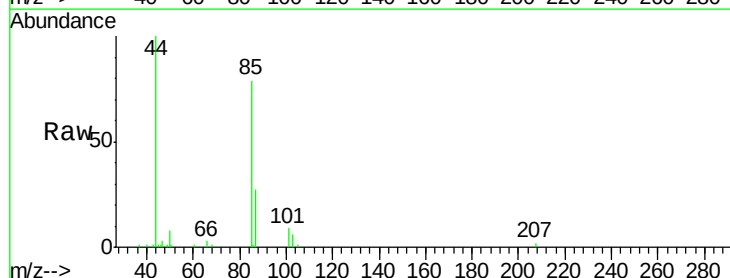
Acq: 18 Jun 2020 11:02

Tgt Ion: 85 Resp: 12337

Ion Ratio Lower Upper

85 100

87 33.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

10000

8000

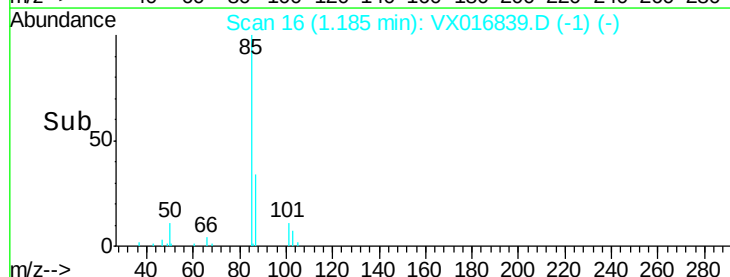
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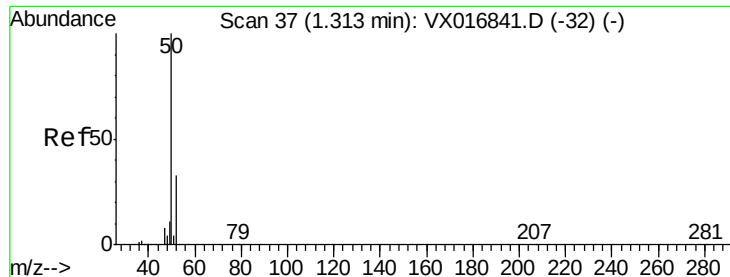
4000

2000

0

Time-->





#3

Chloromethane

Concen: 5.340 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

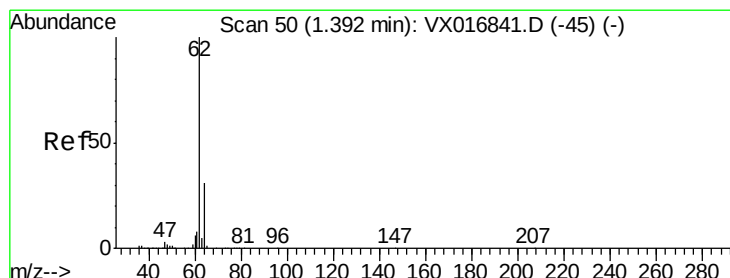
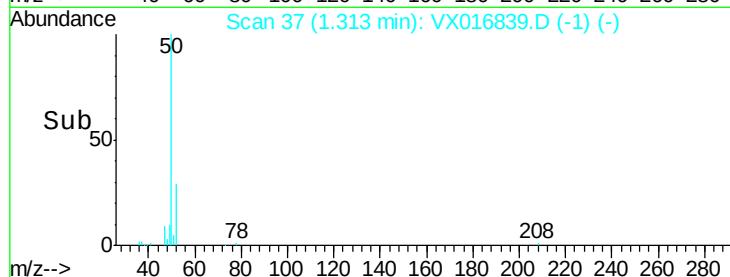
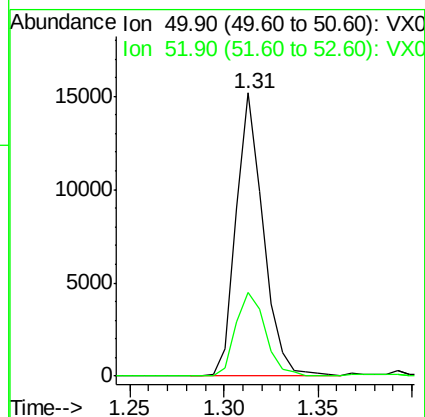
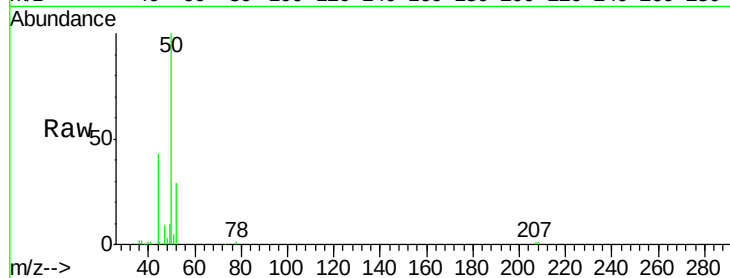
VSTDIC005

Tgt Ion: 50 Resp: 15218

Ion Ratio Lower Upper

50 100

52 29.5 26.1 39.1



#4

Vinyl Chloride

Concen: 5.626 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016839.D

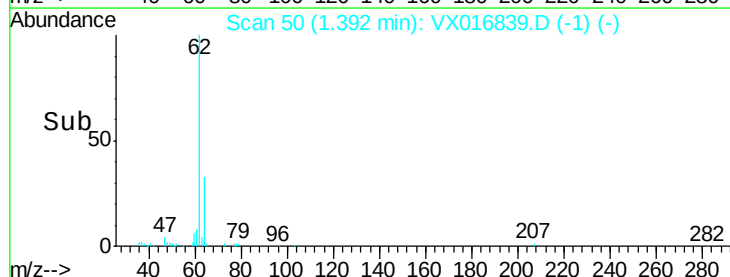
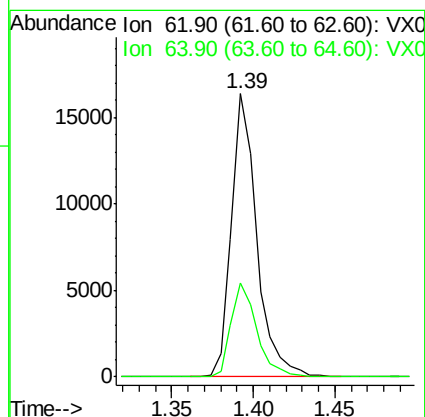
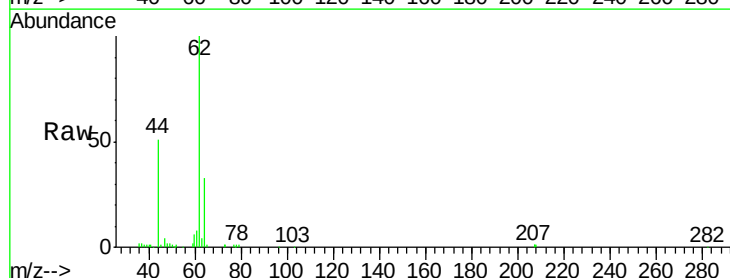
Acq: 18 Jun 2020 11:02

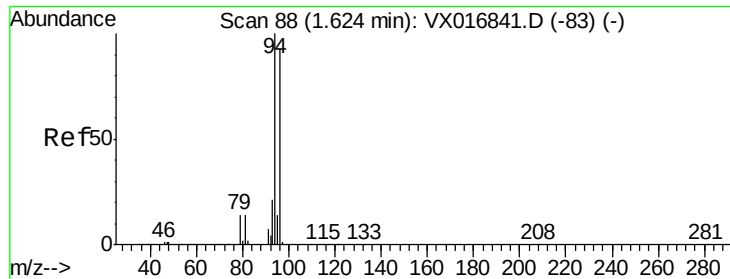
Tgt Ion: 62 Resp: 17632

Ion Ratio Lower Upper

62 100

64 33.1 25.0 37.4





#5

Bromomethane

Concen: 6.792 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

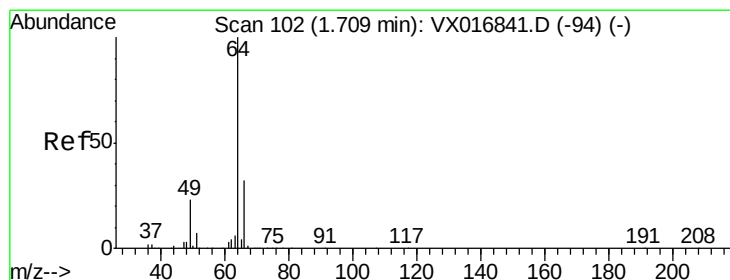
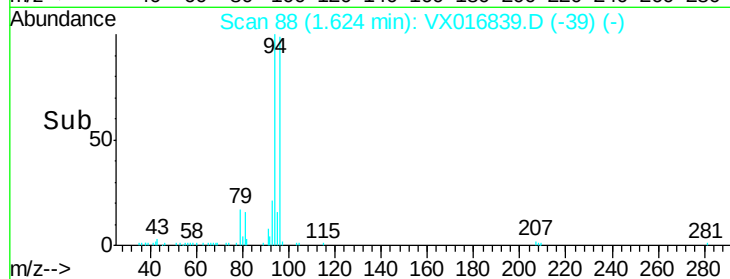
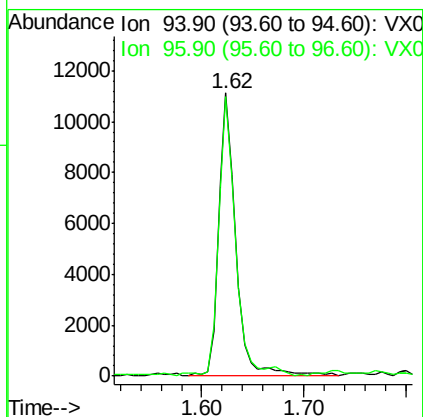
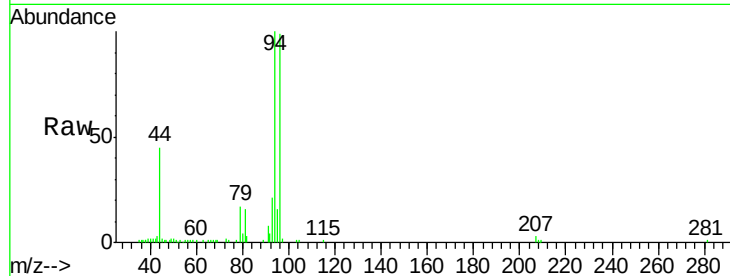
VSTDIC005

Tgt Ion: 94 Resp: 13318

Ion Ratio Lower Upper

94 100

96 97.7 74.4 111.6



#6

Chloroethane

Concen: 5.952 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016839.D

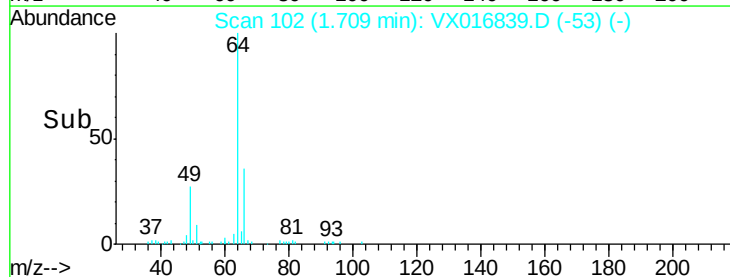
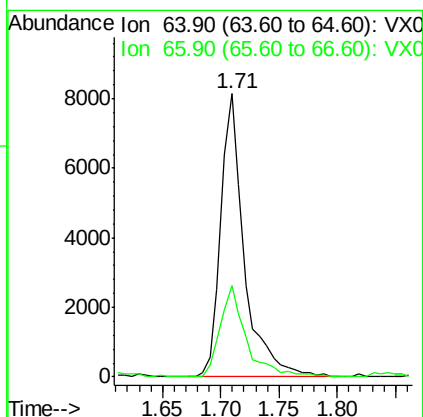
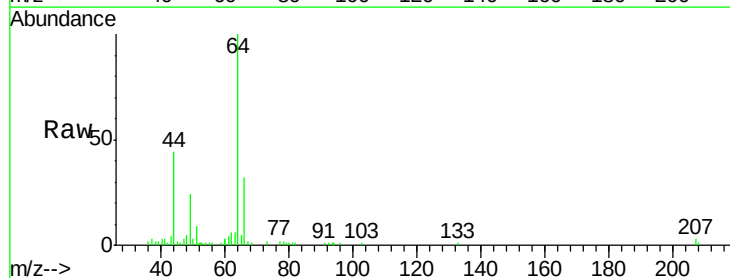
Acq: 18 Jun 2020 11:02

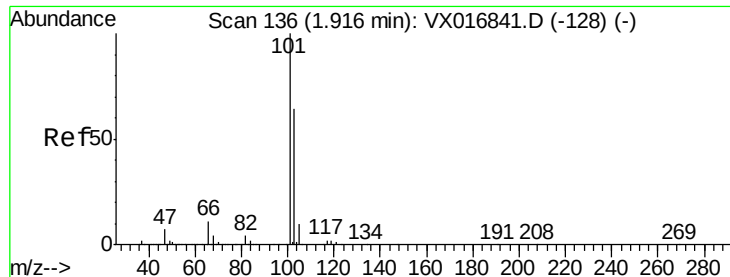
Tgt Ion: 64 Resp: 11360

Ion Ratio Lower Upper

64 100

66 32.3 25.7 38.5



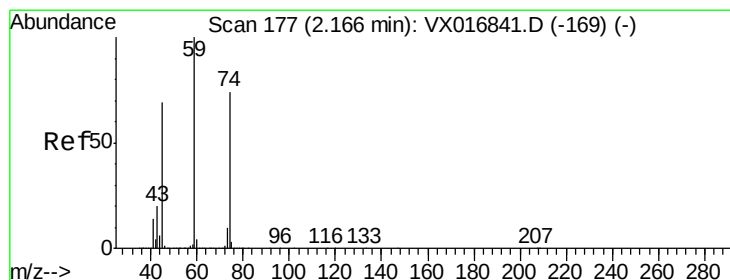
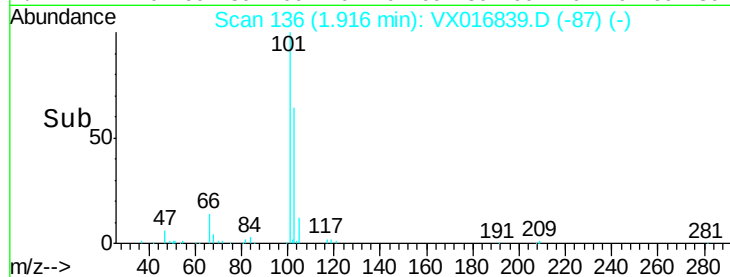
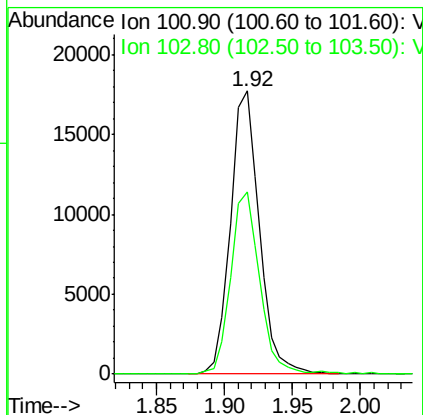
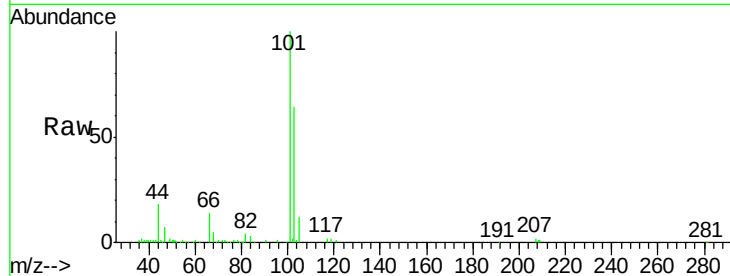


#7

Trichlorofluoromethane
Concen: 5.921 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

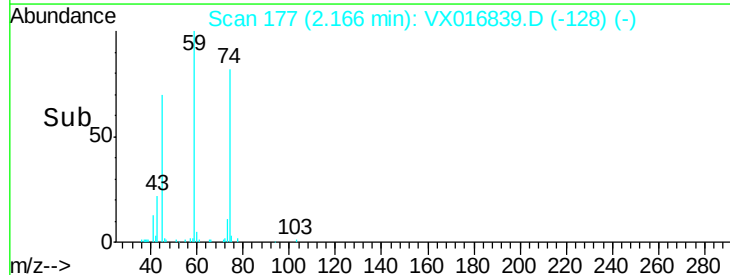
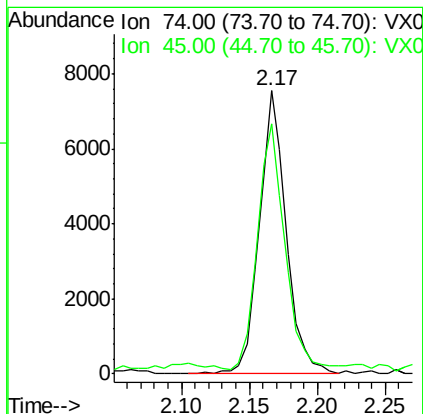
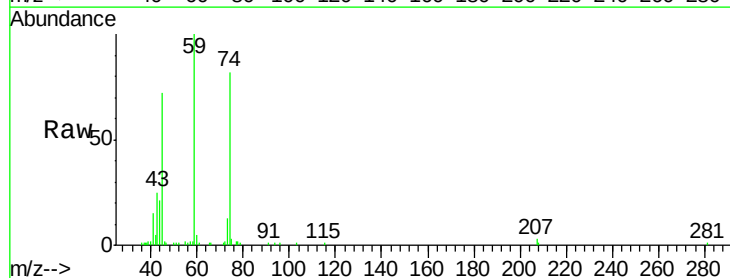
Tgt Ion: 101 Resp: 26228
Ion Ratio Lower Upper
101 100
103 64.3 51.2 76.8

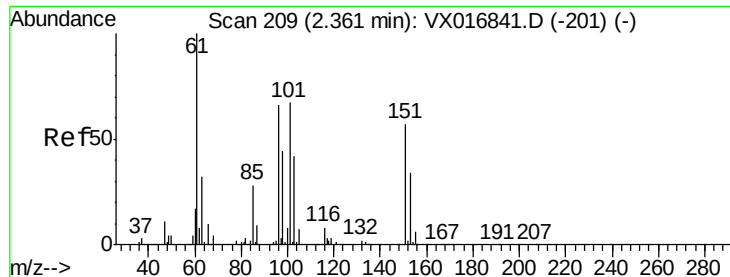


#8

Diethyl Ether
Concen: 5.777 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion: 74 Resp: 10473
Ion Ratio Lower Upper
74 100
45 88.6 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.737 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

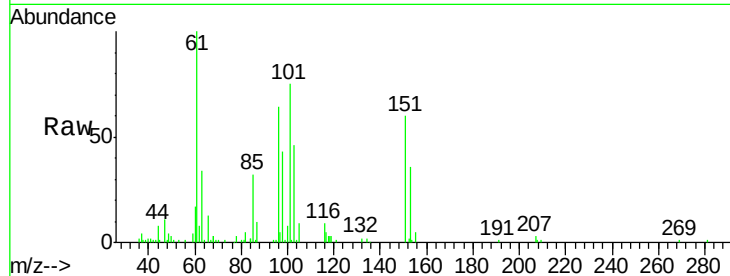
Tgt Ion:101 Resp: 15251

Ion Ratio Lower Upper

101 100

85 41.1 34.3 51.5

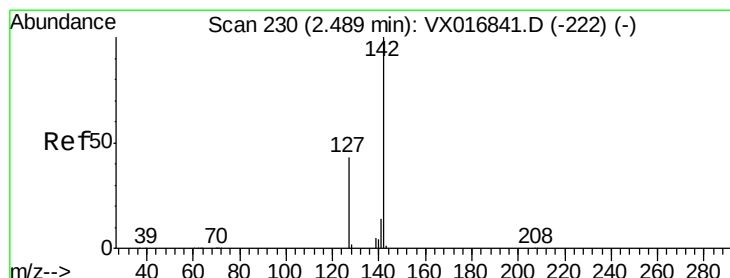
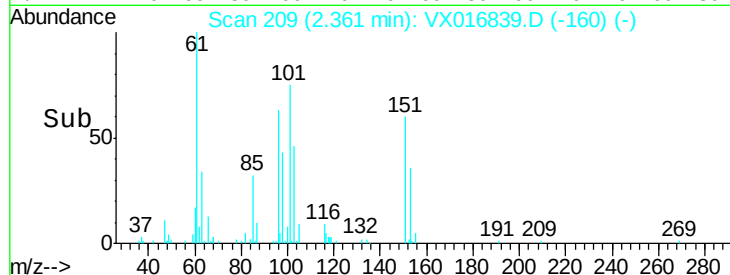
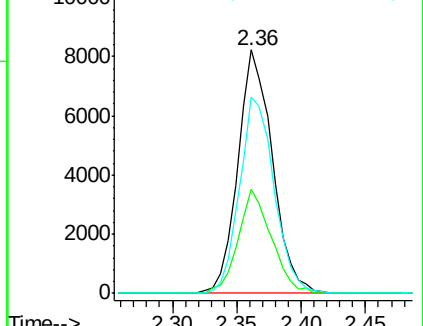
151 80.9 67.6 101.4



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: 3.707 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

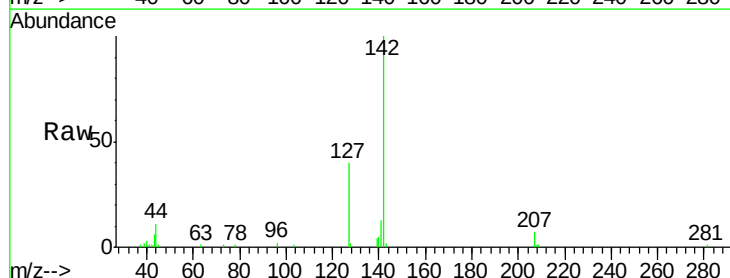
Tgt Ion:142 Resp: 10157

Ion Ratio Lower Upper

142 100

127 43.7 35.1 52.7

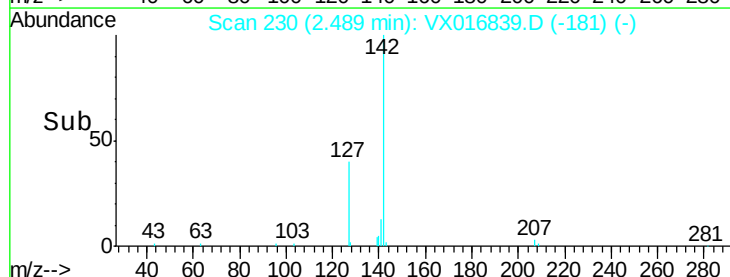
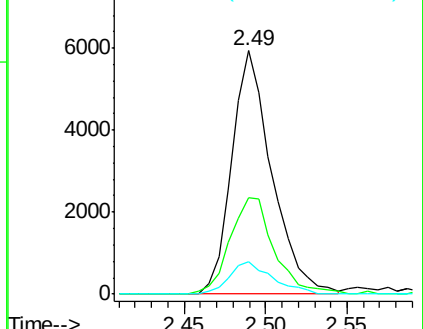
141 14.3 11.6 17.4

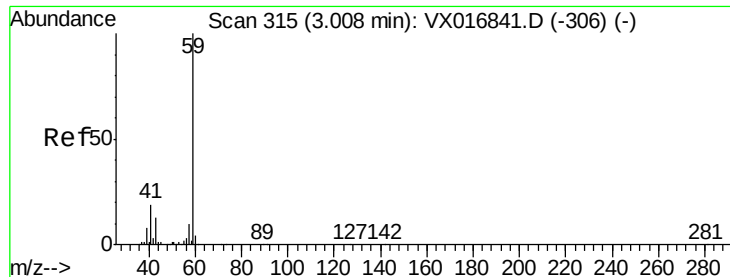


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 19.735 ug/l

RT: 3.01 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

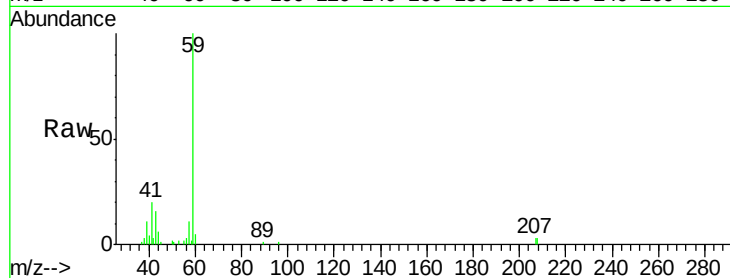
VSTDIC005

Tgt Ion: 59 Resp: 13678

Ion Ratio Lower Upper

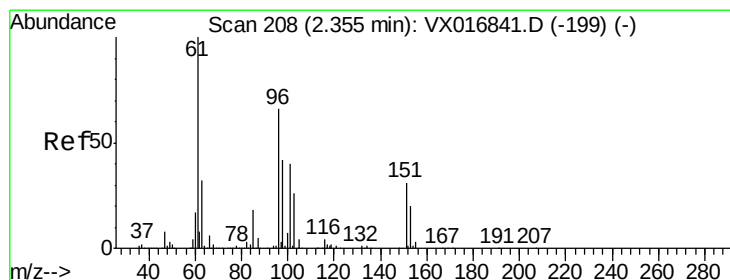
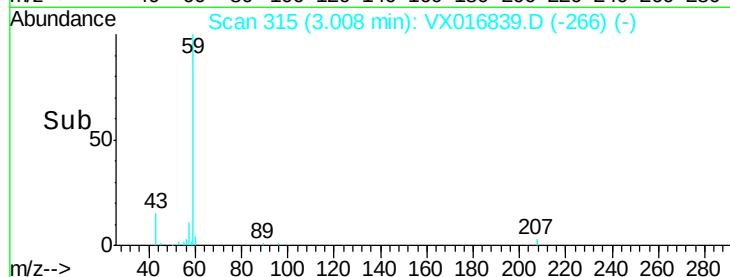
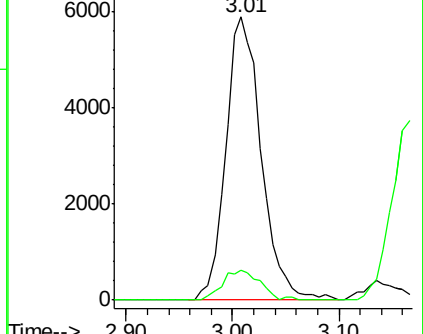
59 100

57 11.2 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 5.926 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

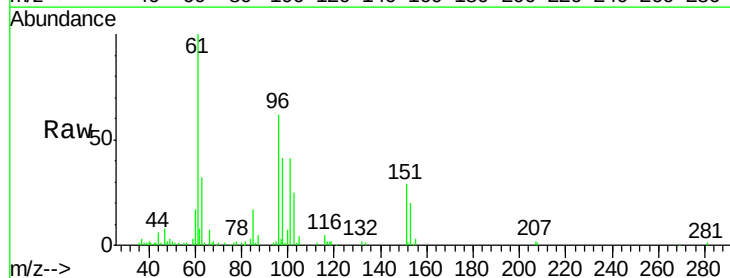
Tgt Ion: 96 Resp: 15277

Ion Ratio Lower Upper

96 100

61 161.2 121.7 182.5

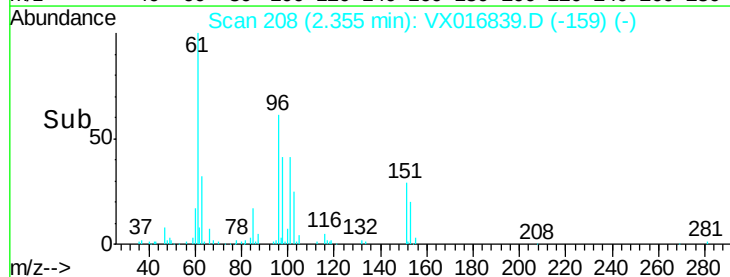
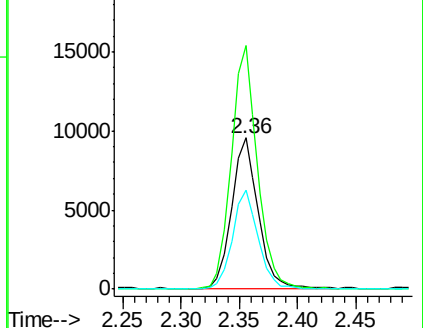
98 65.4 51.1 76.7

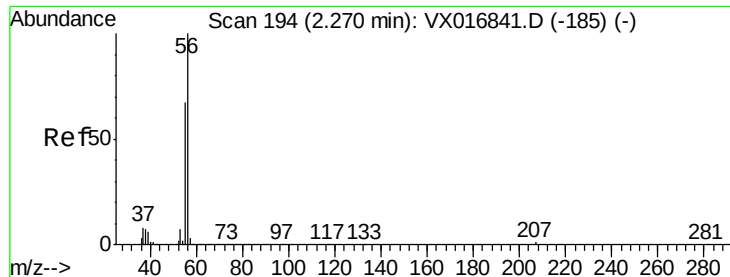


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 28.659 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

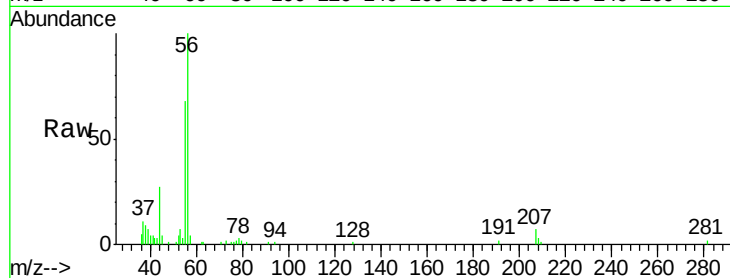
VSTDIC005

Tgt Ion: 56 Resp: 9523

Ion Ratio Lower Upper

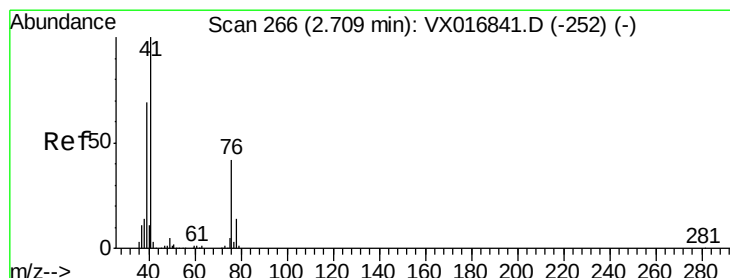
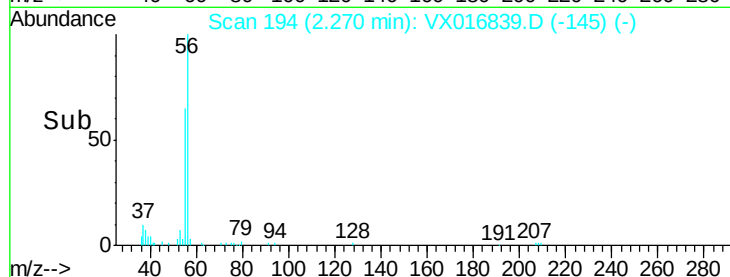
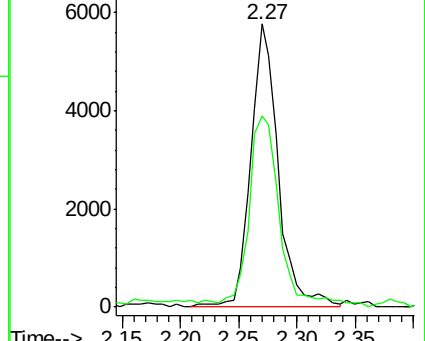
56 100

55 75.8 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 5.197 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

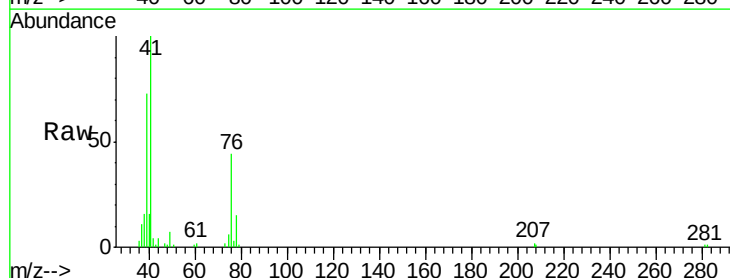
Tgt Ion: 41 Resp: 20326

Ion Ratio Lower Upper

41 100

39 64.3 50.7 76.1

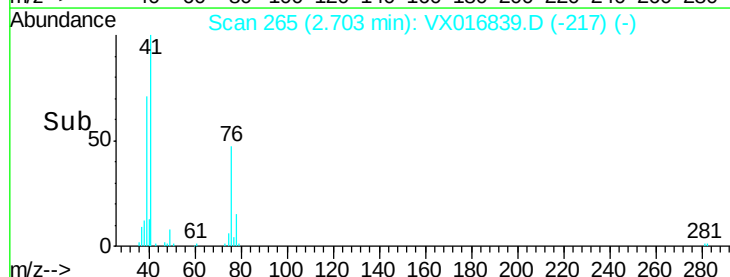
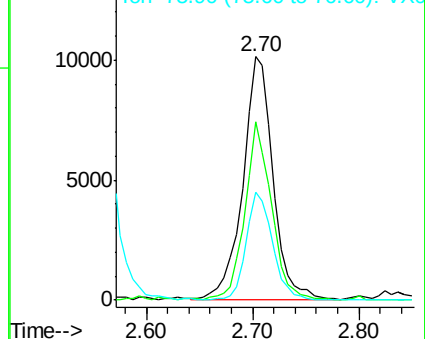
76 38.8 30.9 46.3

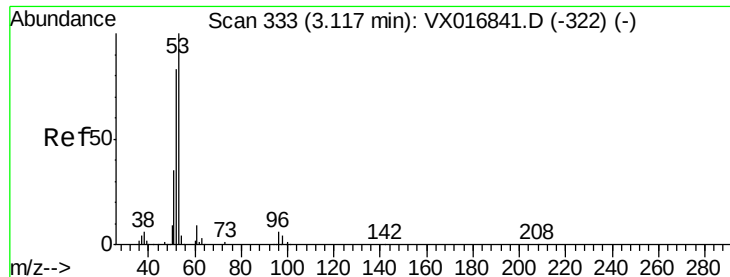


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 21.992 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

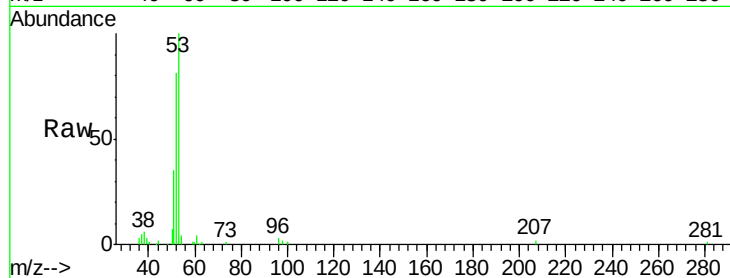
Tgt Ion: 53 Resp: 31683

Ion Ratio Lower Upper

53 100

52 81.2 66.2 99.2

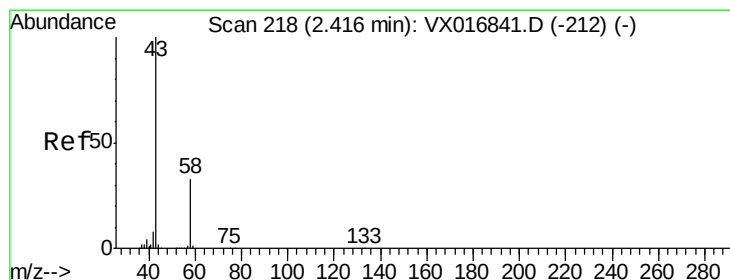
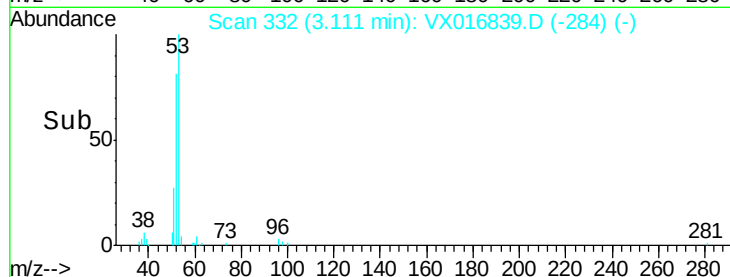
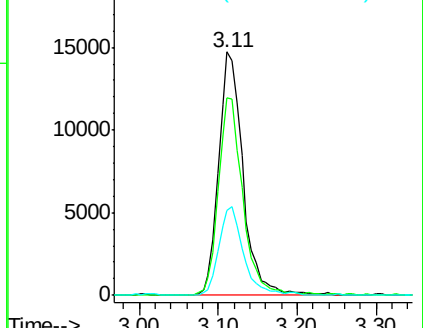
51 36.9 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 26.334 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016839.D

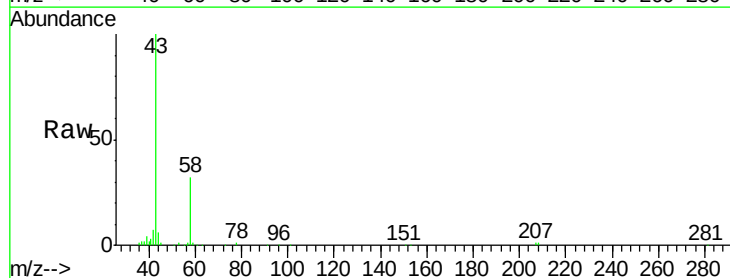
Acq: 18 Jun 2020 11:02

Tgt Ion: 43 Resp: 33706

Ion Ratio Lower Upper

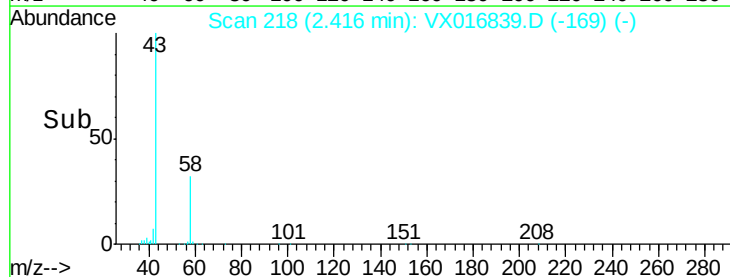
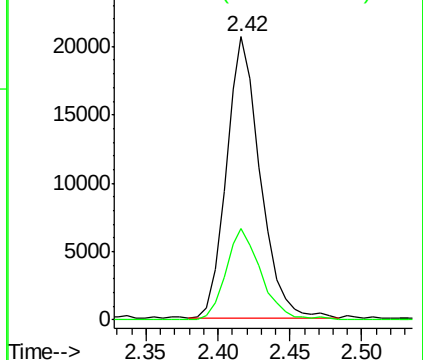
43 100

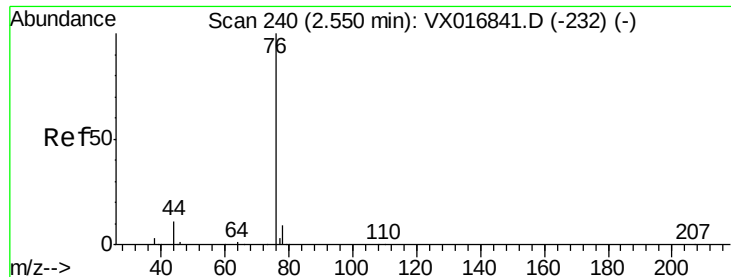
58 32.3 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 6.022 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

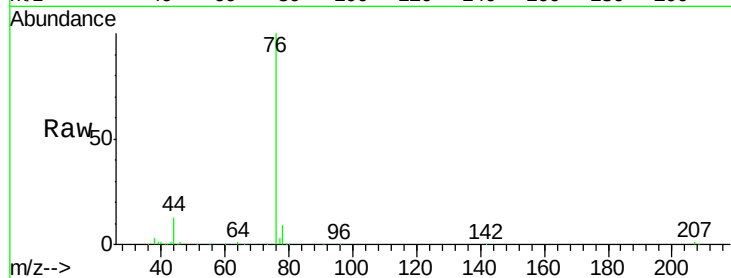
VSTDIC005

Tgt Ion: 76 Resp: 43208

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

30000

25000

20000

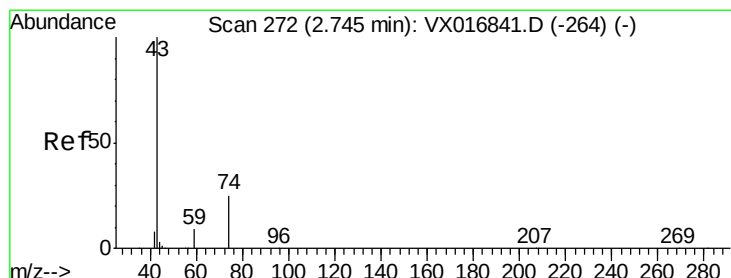
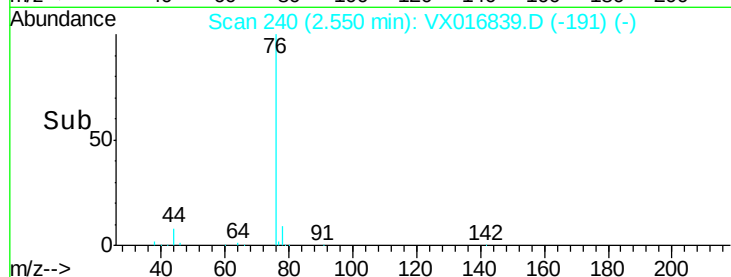
15000

10000

5000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 3.968 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016839.D

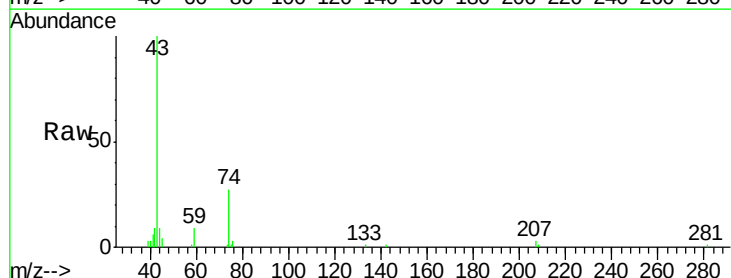
Acq: 18 Jun 2020 11:02

Tgt Ion: 43 Resp: 13555

Ion Ratio Lower Upper

43 100

74 28.0 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

8000

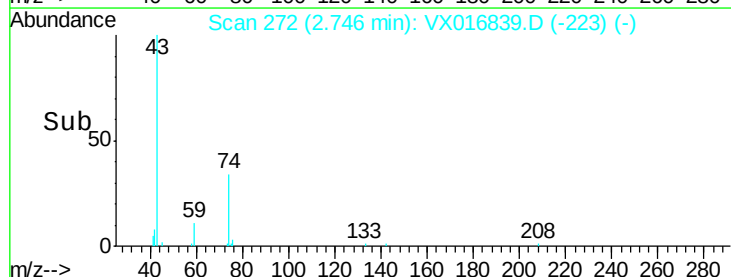
6000

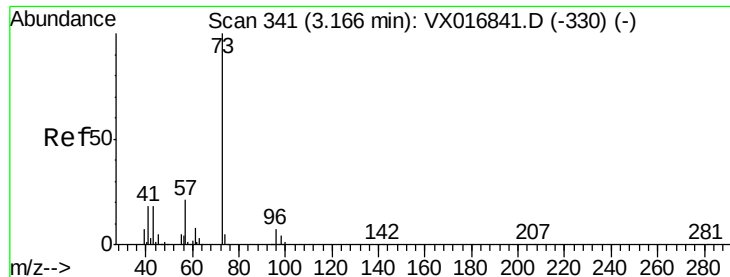
4000

2000

0

Time--> 2.65 2.70 2.75 2.80 2.85

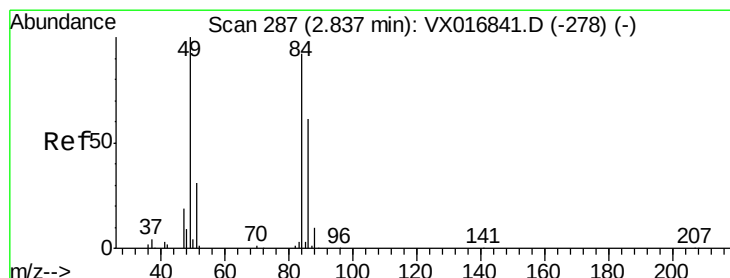
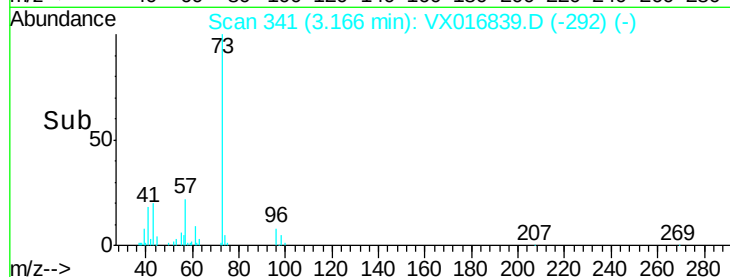
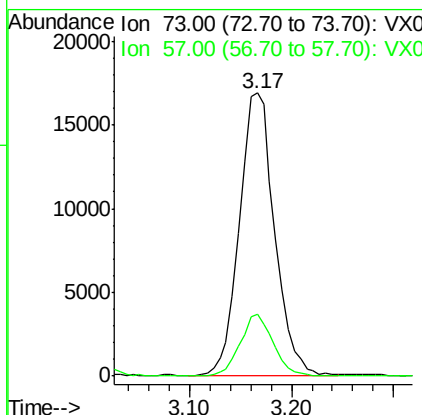
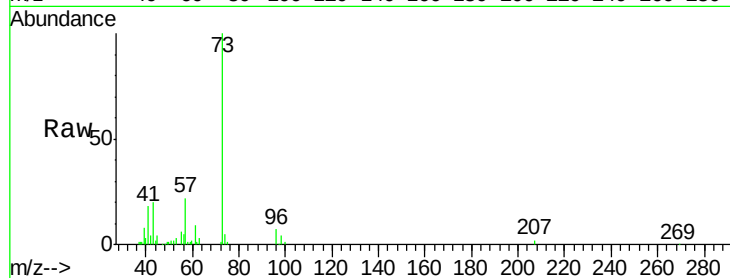




#19
Methyl tert-butyl Ether
Concen: 4.763 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

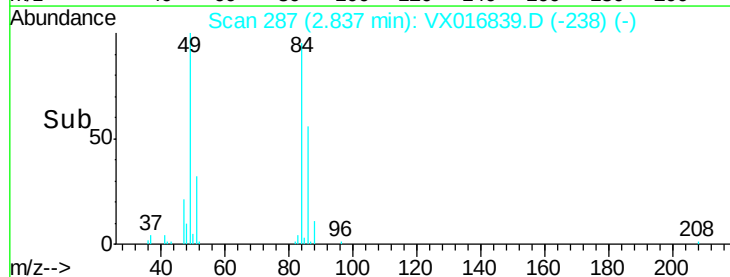
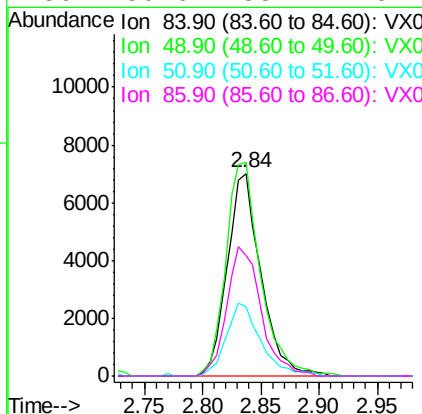
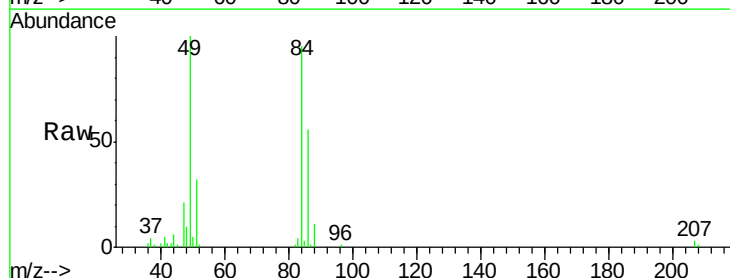
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

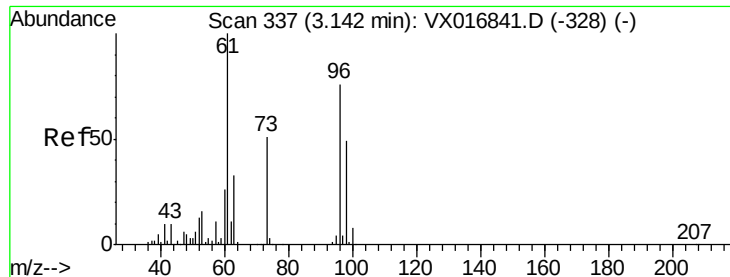
Tgt Ion: 73 Resp: 40637
Ion Ratio Lower Upper
73 100
57 22.0 16.9 25.3



#20
Methylene Chloride
Concen: 5.022 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion: 84 Resp: 14167
Ion Ratio Lower Upper
84 100
49 105.6 86.6 129.8
51 34.2 27.1 40.7
86 59.6 53.1 79.7





#21

trans-1,2-Dichloroethene

Concen: 5.030 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

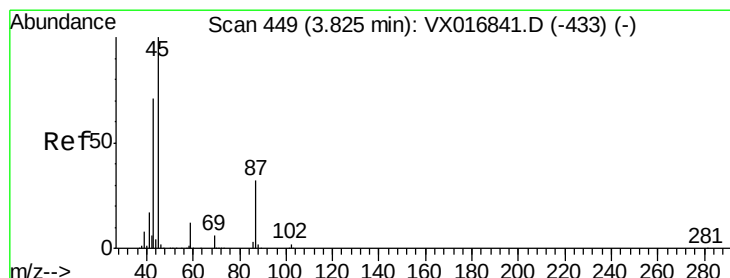
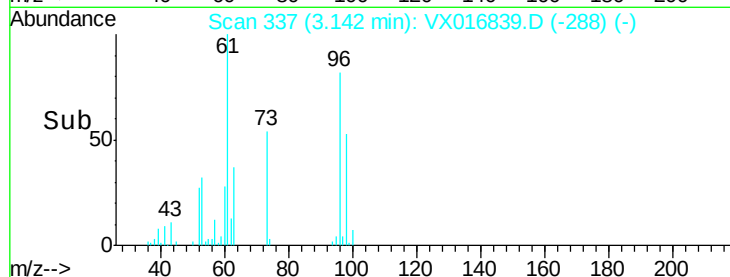
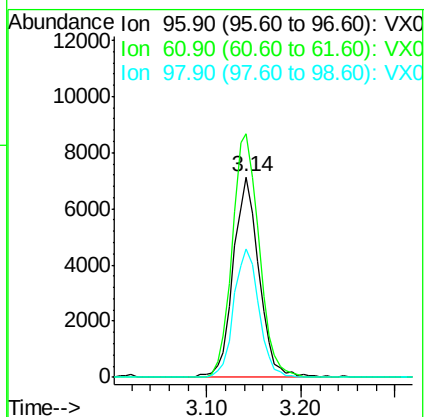
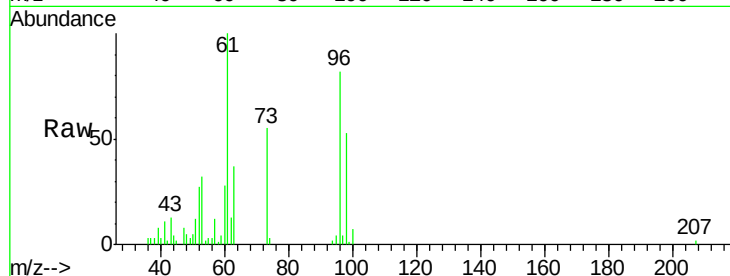
Tgt Ion: 96 Resp: 13586

Ion Ratio Lower Upper

96 100

61 121.7 105.4 158.0

98 64.2 51.3 76.9



#22

Diisopropyl ether

Concen: 4.977 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Tgt Ion: 45 Resp: 36655

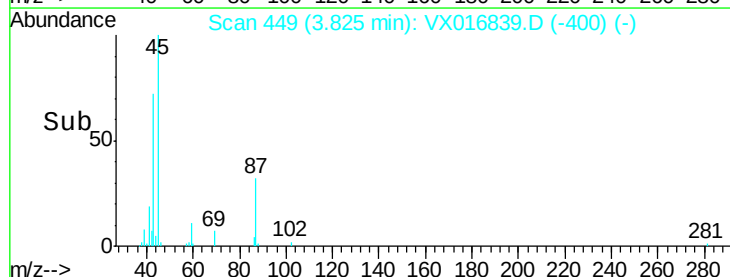
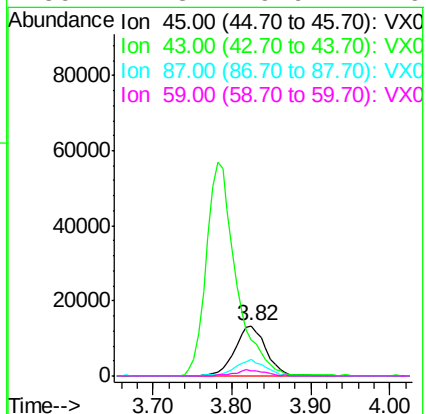
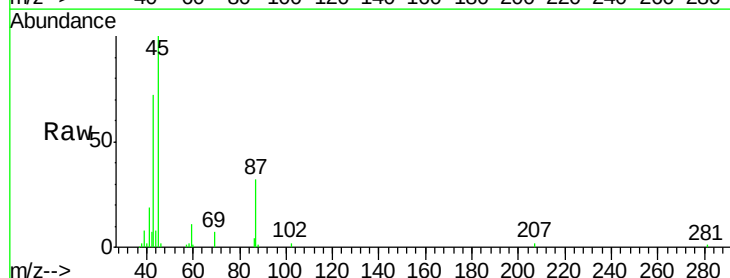
Ion Ratio Lower Upper

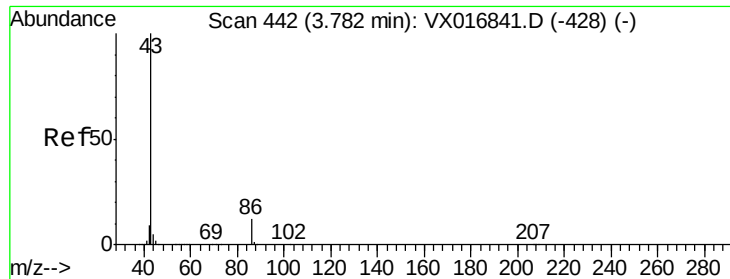
45 100

43 71.2 57.0 85.4

87 32.4 25.2 37.8

59 11.3 9.9 14.9





#23

Vinyl Acetate

Concen: 23.678 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

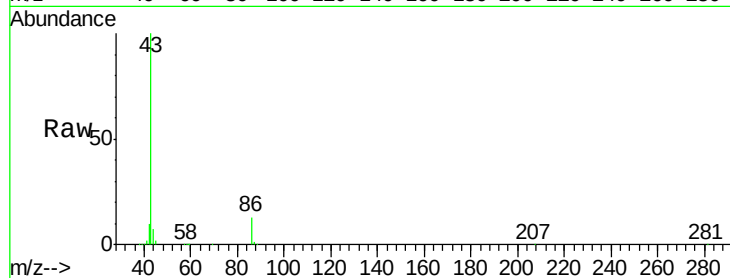
VSTDIC005

Tgt Ion: 43 Resp: 150216

Ion Ratio Lower Upper

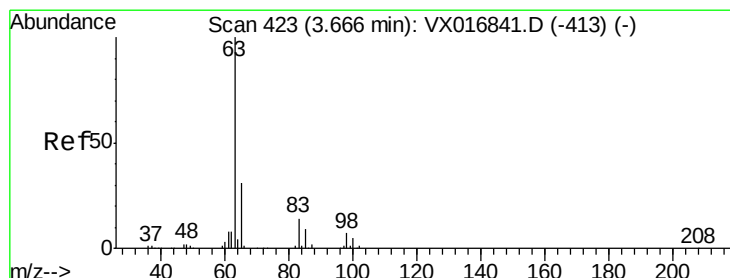
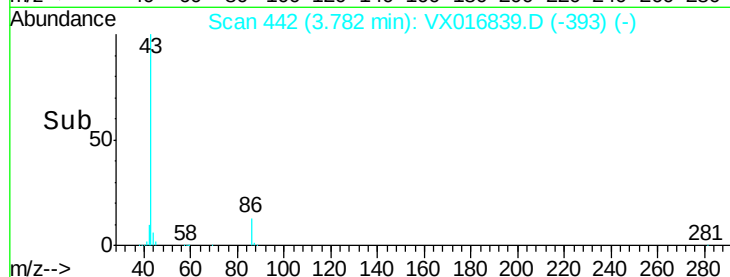
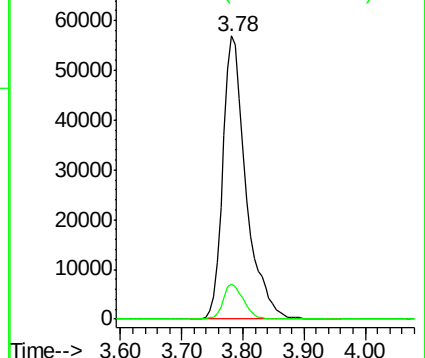
43 100

86 12.5 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 5.015 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

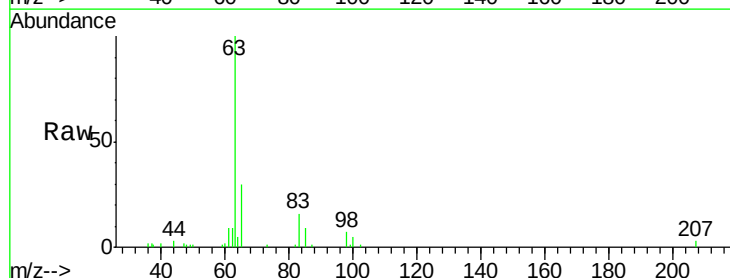
Tgt Ion: 63 Resp: 23124

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.9

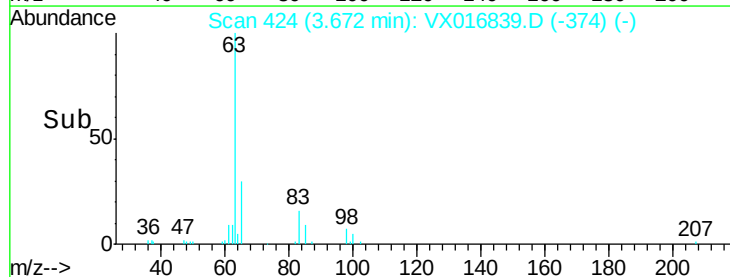
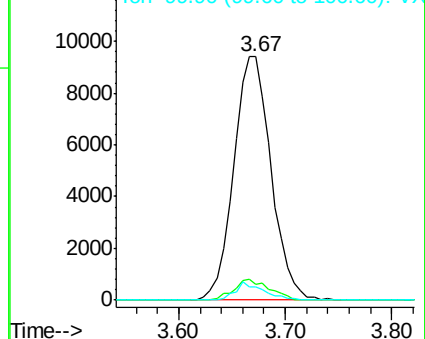
100 5.3 2.4 7.1

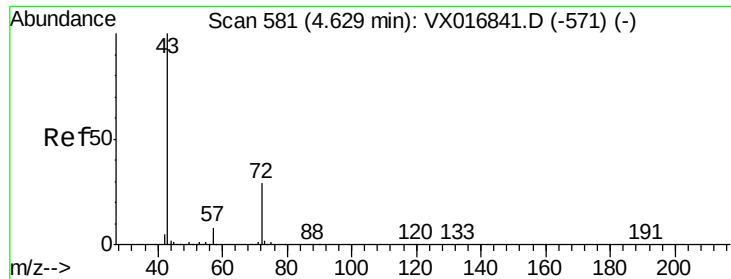


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 21.284 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

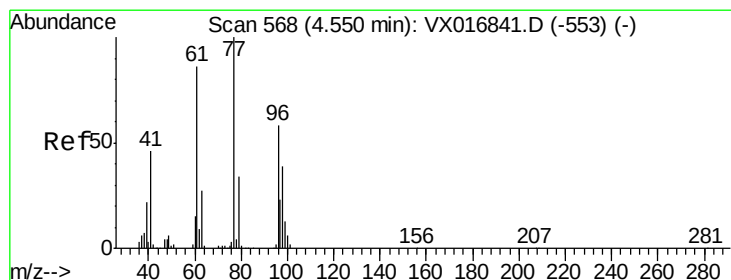
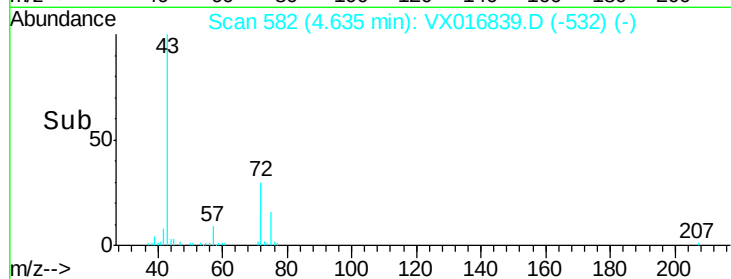
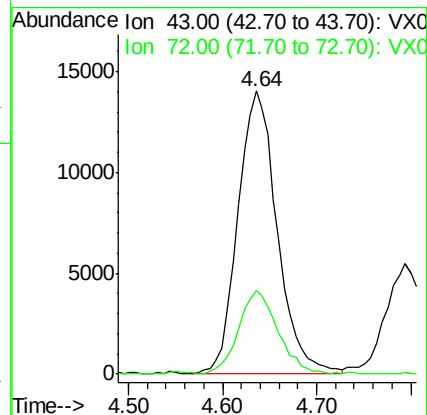
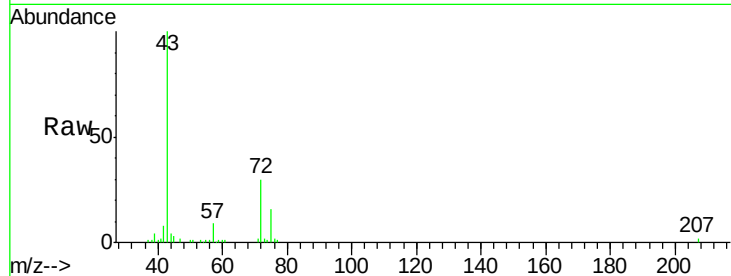
VSTDIC005

Tgt Ion: 43 Resp: 40934

Ion Ratio Lower Upper

43 100

72 29.3 23.5 35.3



#26

2,2-Dichloropropane

Concen: 5.155 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016839.D

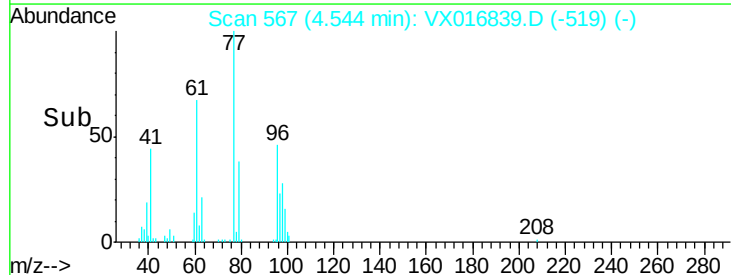
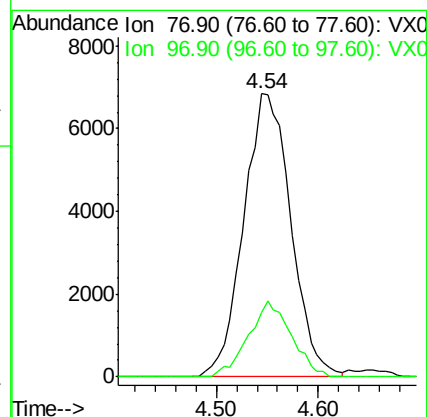
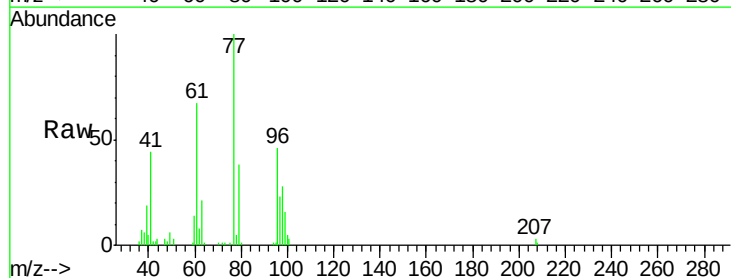
Acq: 18 Jun 2020 11:02

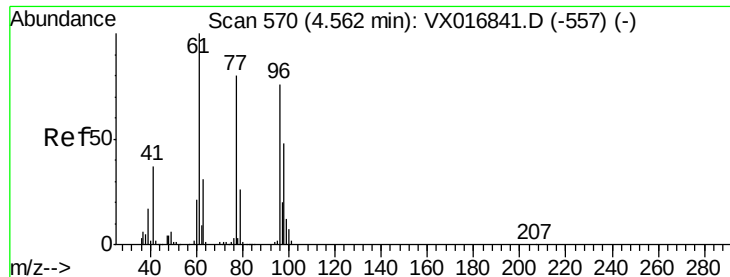
Tgt Ion: 77 Resp: 22005

Ion Ratio Lower Upper

77 100

97 24.3 11.6 34.7



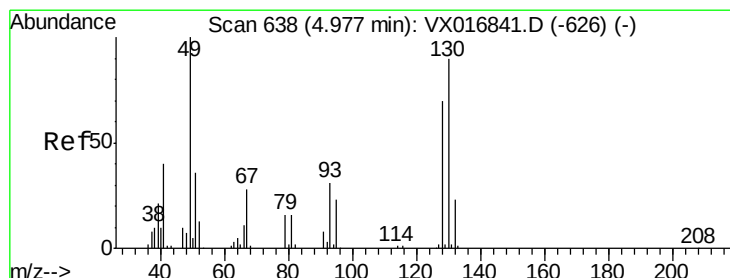
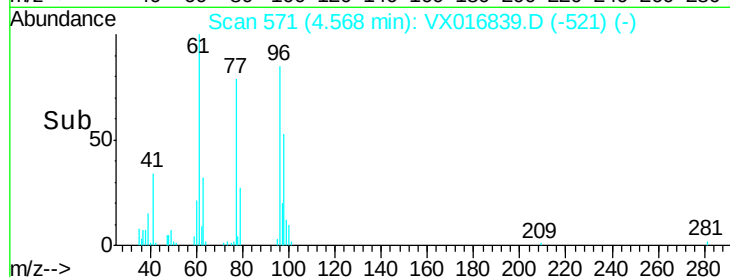
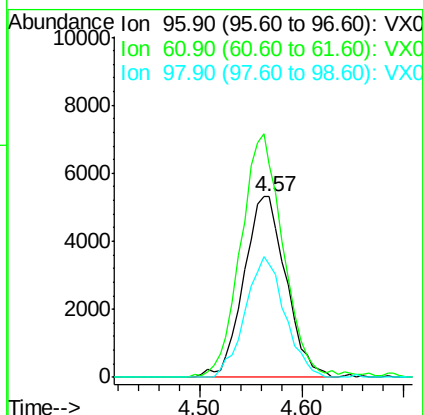
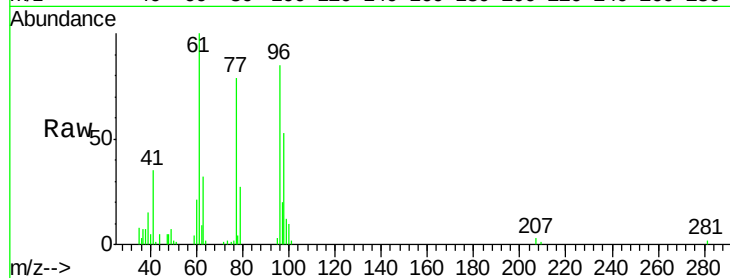


#27

cis-1,2-Dichloroethene
Concen: 4.951 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

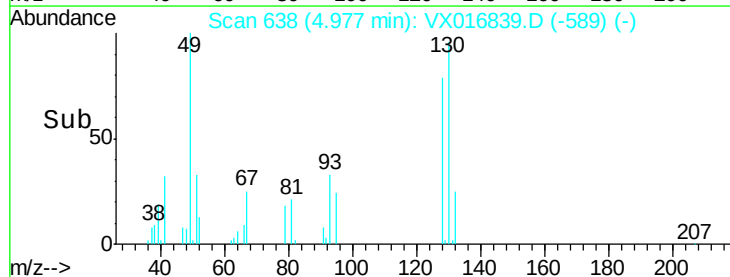
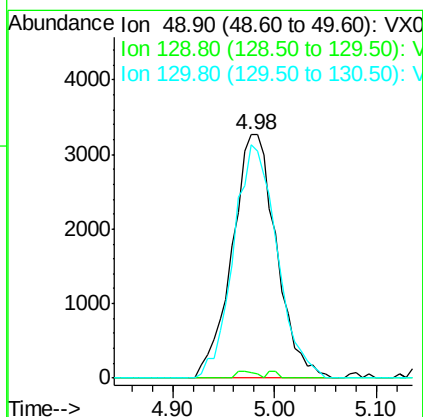
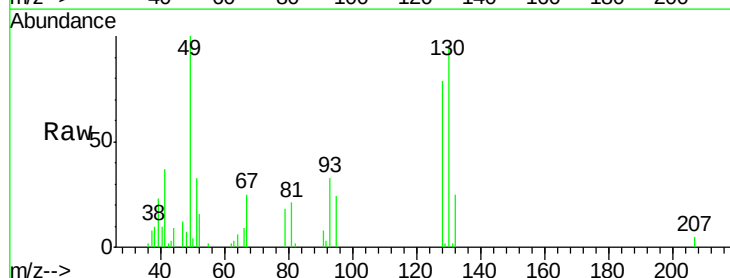
Tgt Ion: 96 Resp: 15294
Ion Ratio Lower Upper
96 100
61 135.5 0.0 273.8
98 62.7 0.0 129.0

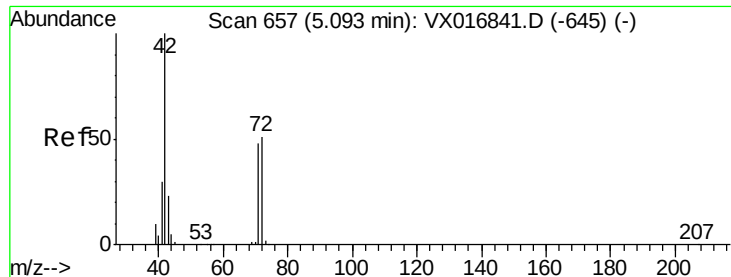


#28

Bromochloromethane
Concen: 5.013 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion: 49 Resp: 9835
Ion Ratio Lower Upper
49 100
129 1.2 0.0 5.0
130 94.5 76.8 115.2

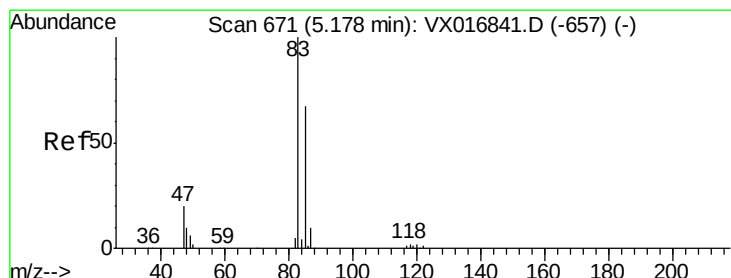
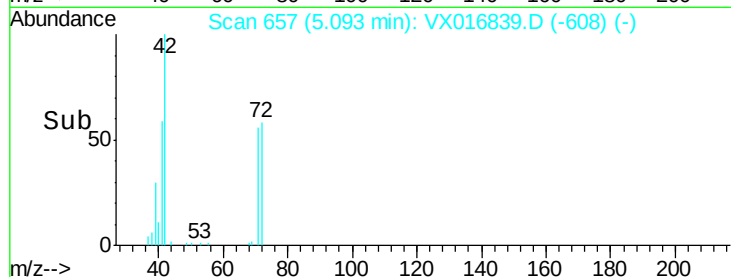
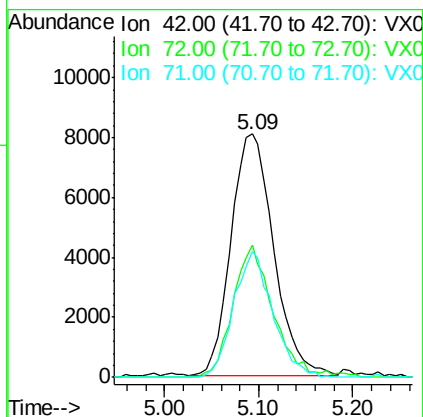
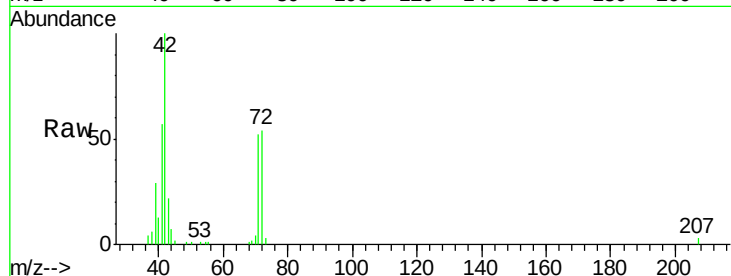




#29
Tetrahydrofuran
Concen: 20.511 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

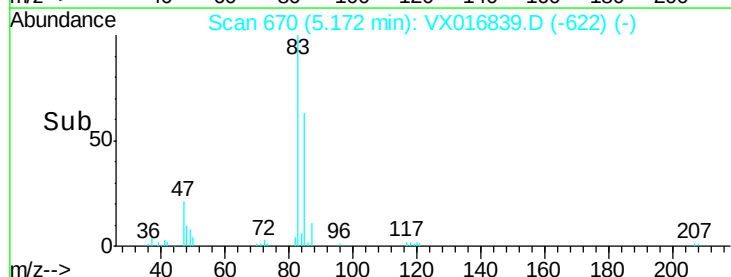
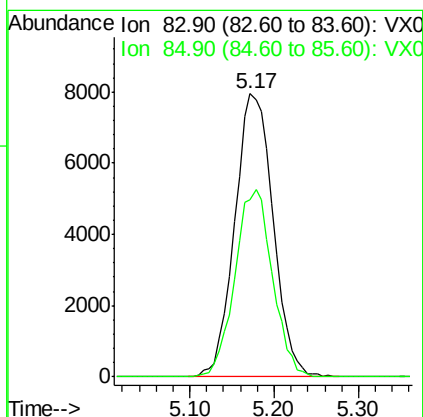
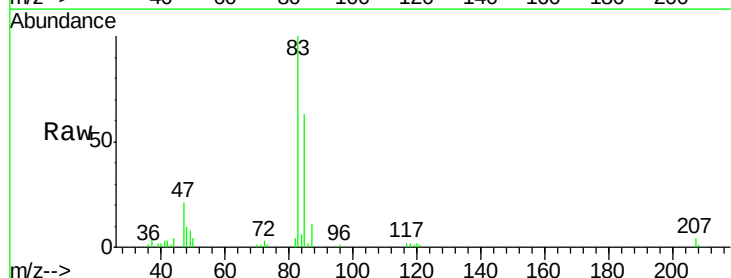
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

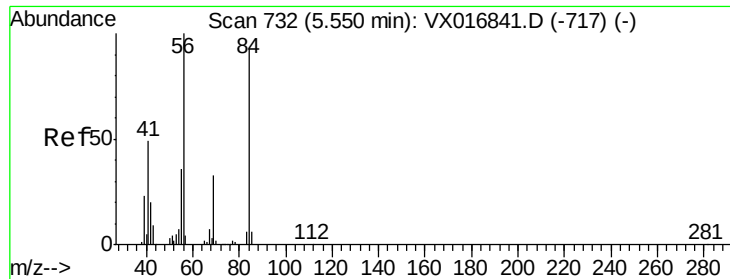
Tgt Ion: 42 Resp: 25531
Ion Ratio Lower Upper
42 100
72 50.7 41.1 61.7
71 47.6 38.4 57.6



#30
Chloroform
Concen: 5.019 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion: 83 Resp: 24479
Ion Ratio Lower Upper
83 100
85 62.7 53.4 80.0

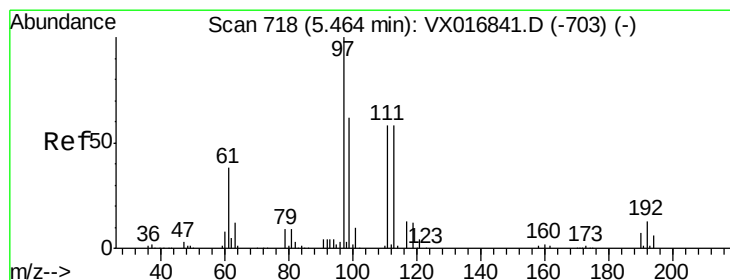
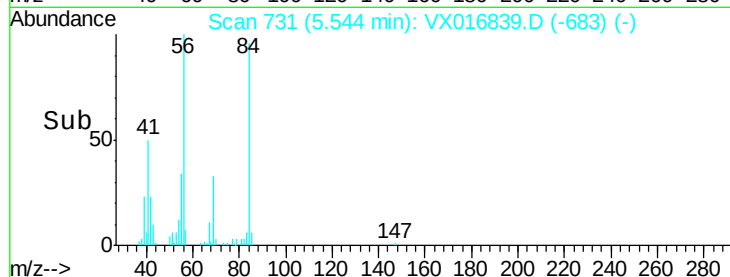
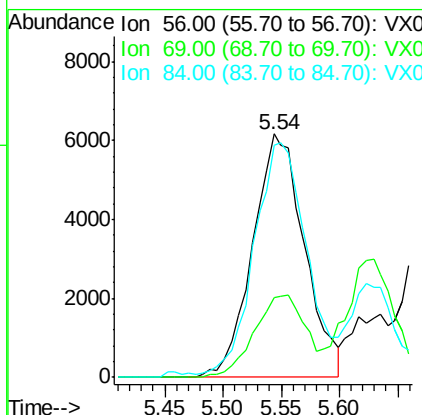
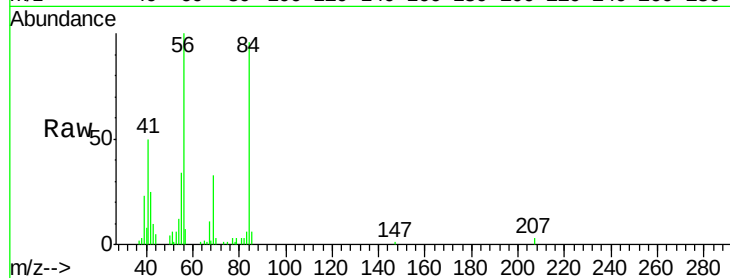




#31
Cyclohexane
Concen: 5.456 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

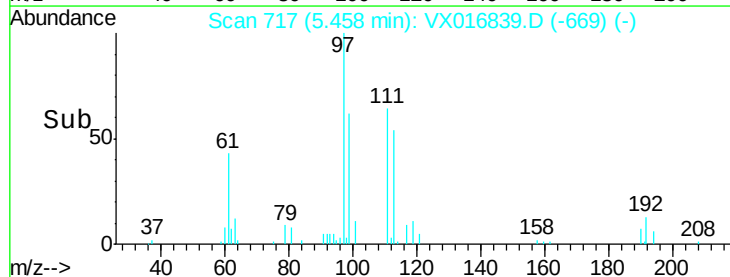
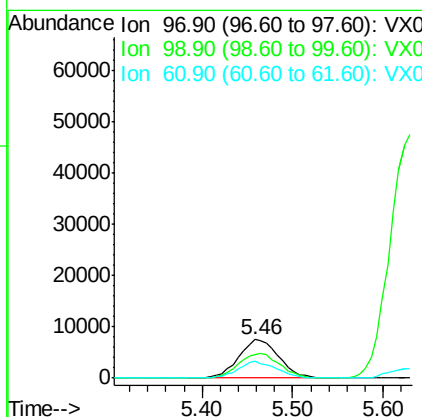
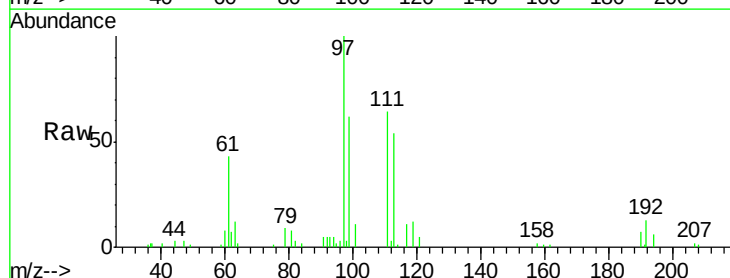
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

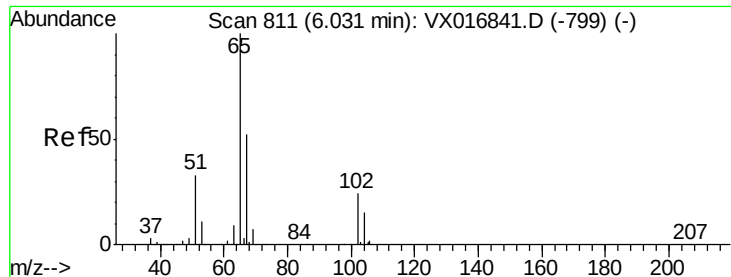
Tgt Ion: 56 Resp: 18985
Ion Ratio Lower Upper
56 100
69 32.8 26.1 39.1
84 93.8 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 5.205 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion: 97 Resp: 23036
Ion Ratio Lower Upper
97 100
99 66.2 51.3 76.9
61 40.6 31.3 46.9

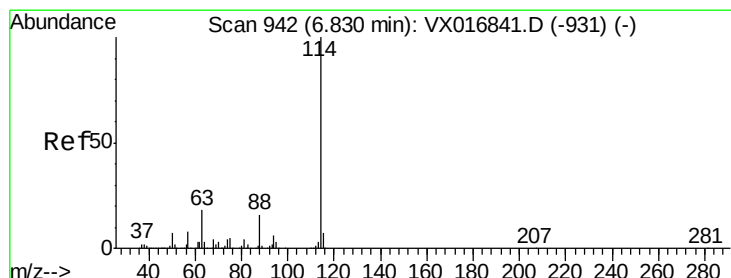
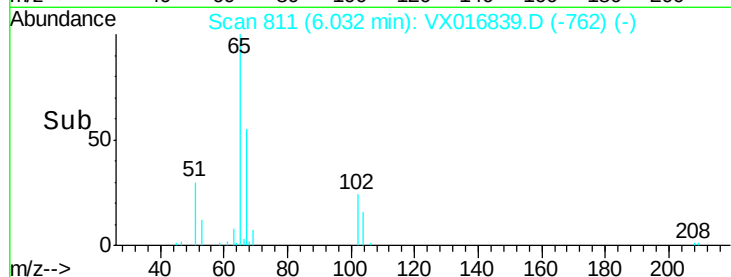
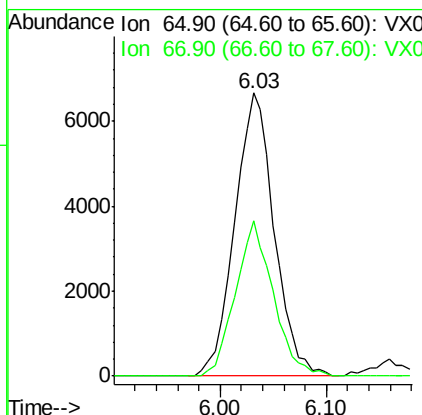
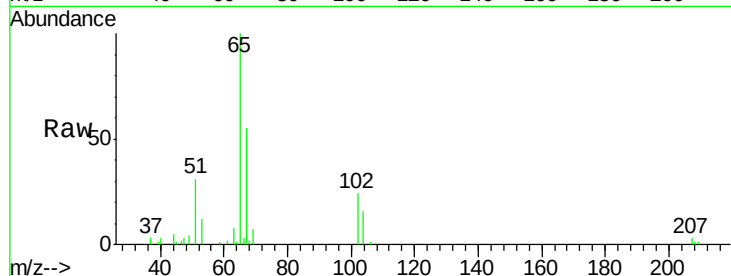




#33
 1,2-Dichloroethane-d4
 Concen: 5.653 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

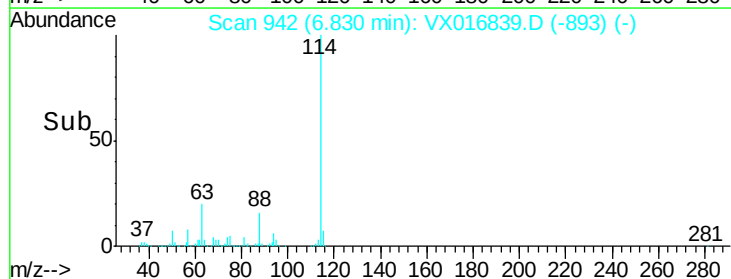
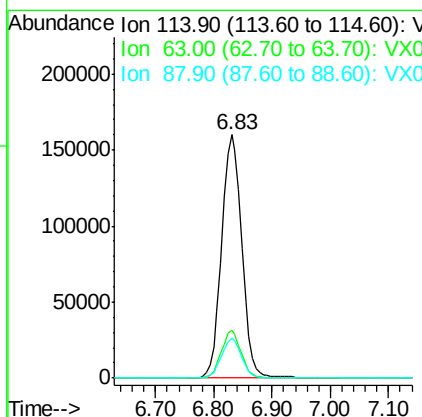
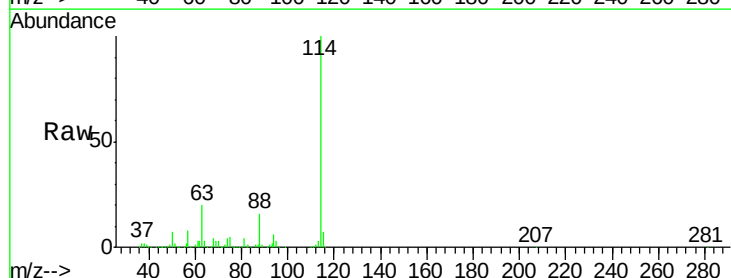
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

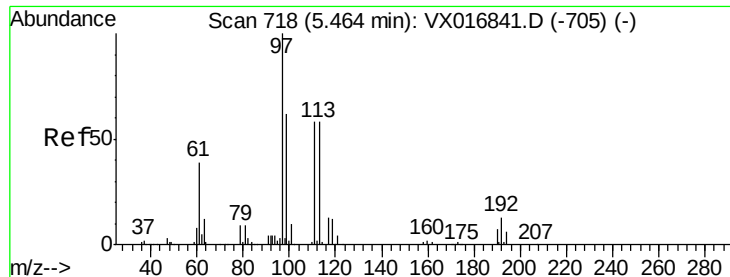
Tgt Ion: 65 Resp: 17274
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

Tgt Ion: 114 Resp: 386032
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.0
 88 16.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 5.709 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

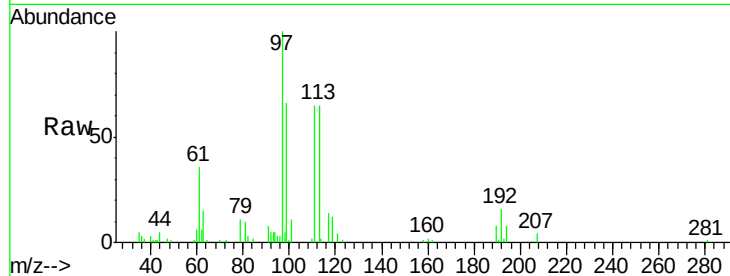
Tgt Ion:113 Resp: 13685

Ion Ratio Lower Upper

113 100

111 104.4 81.0 121.4

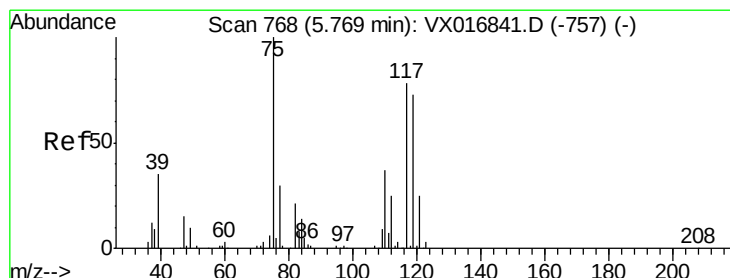
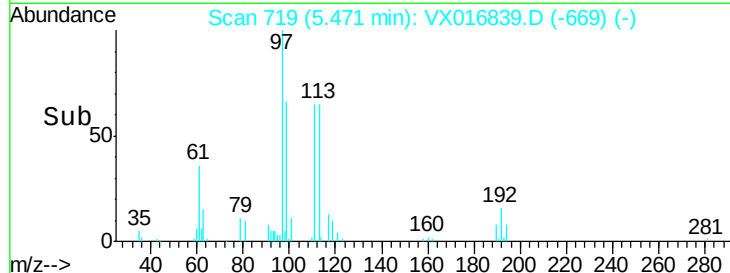
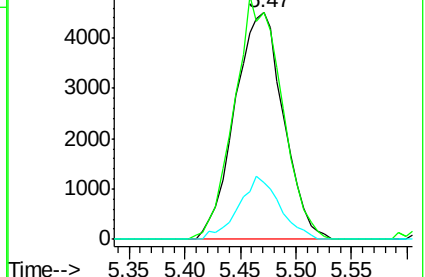
192 23.5 18.5 27.7



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: 5.341 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

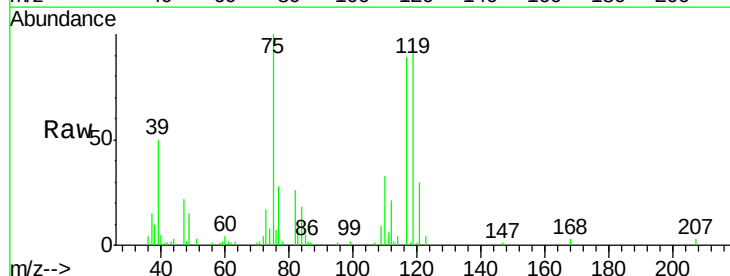
Tgt Ion: 75 Resp: 18184

Ion Ratio Lower Upper

75 100

110 34.1 18.9 56.9

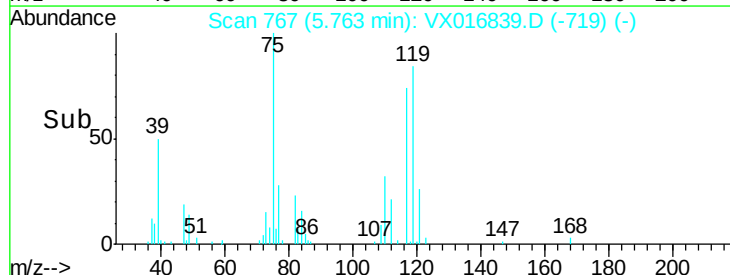
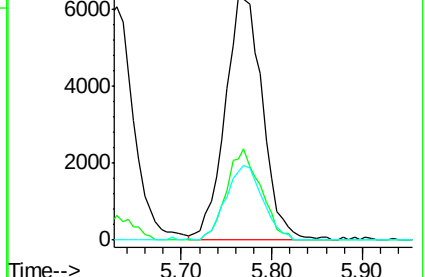
77 30.1 25.6 38.4

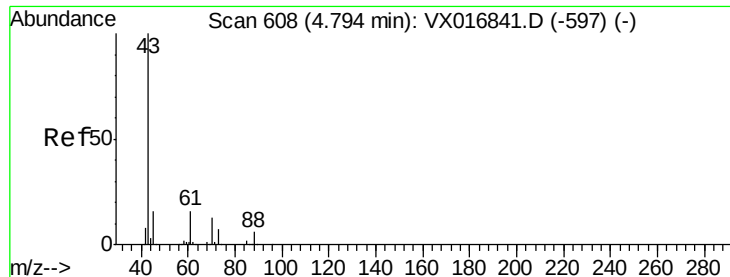


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

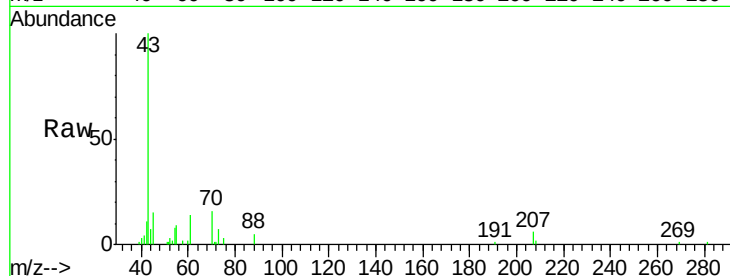




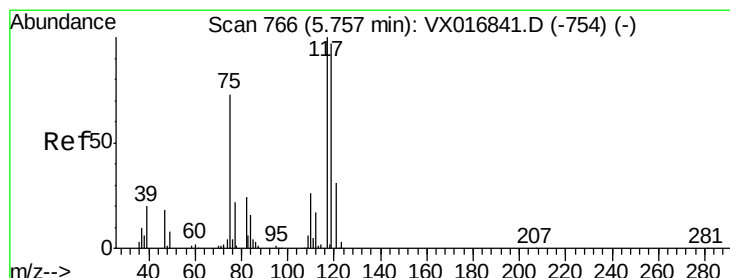
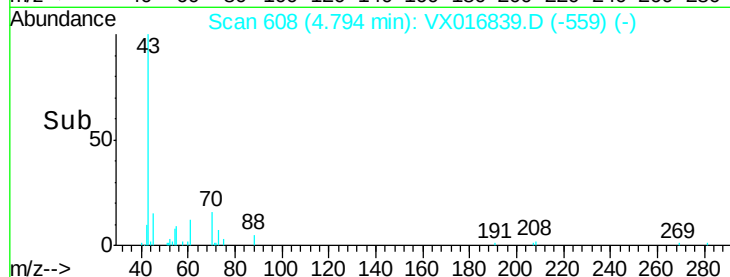
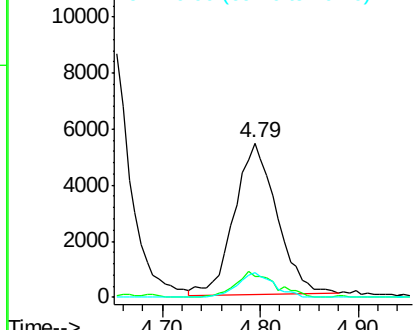
#37
Ethyl Acetate
Concen: 4.448 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 16262
Ion Ratio Lower Upper
43 100
61 15.8 12.2 18.2
70 13.7 10.5 15.7

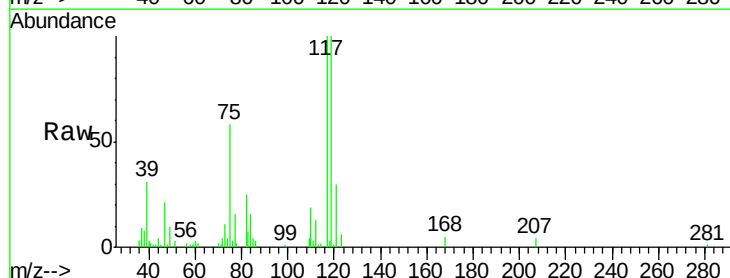


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

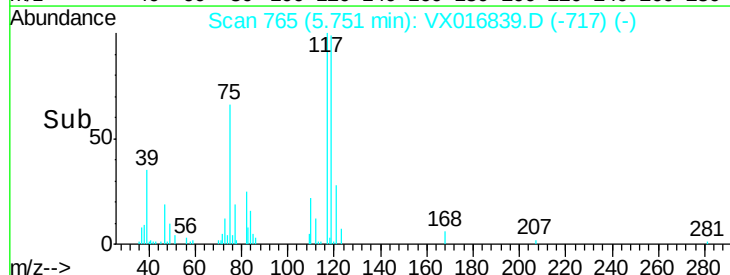
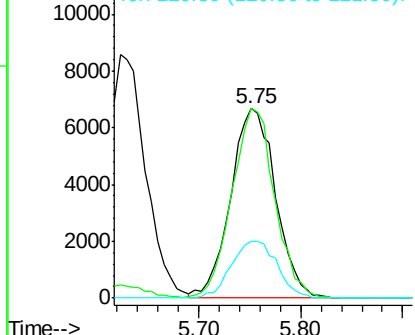


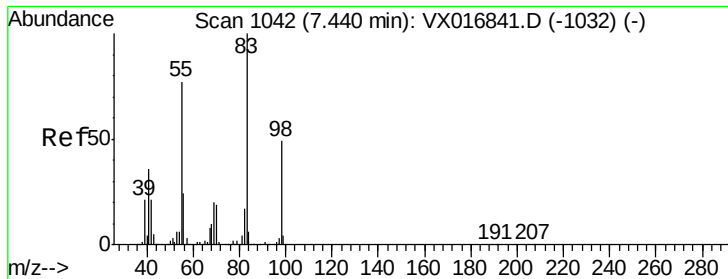
#38
Carbon Tetrachloride
Concen: 5.275 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion: 117 Resp: 20394
Ion Ratio Lower Upper
117 100
119 100.5 77.4 116.2
121 29.9 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

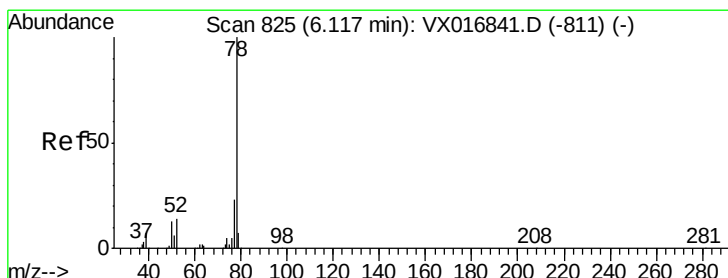
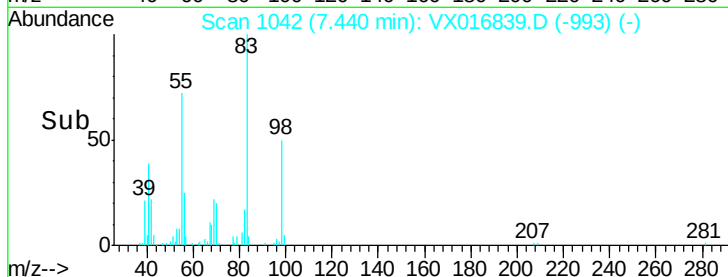
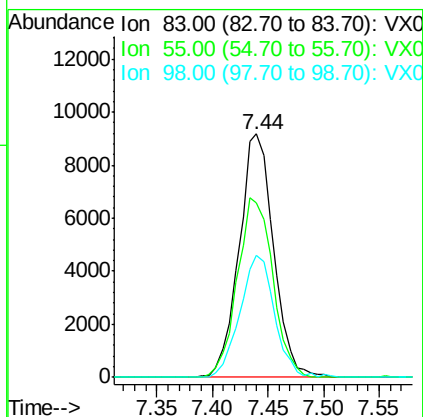
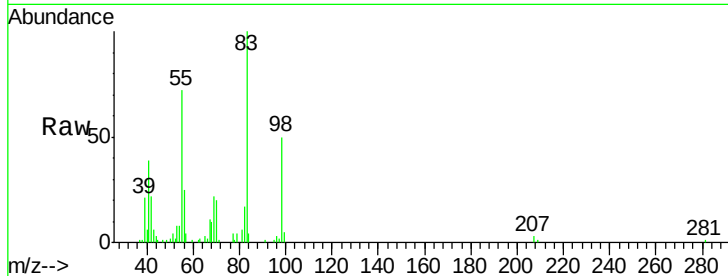




#39
Methylcyclohexane
Concen: 5.363 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

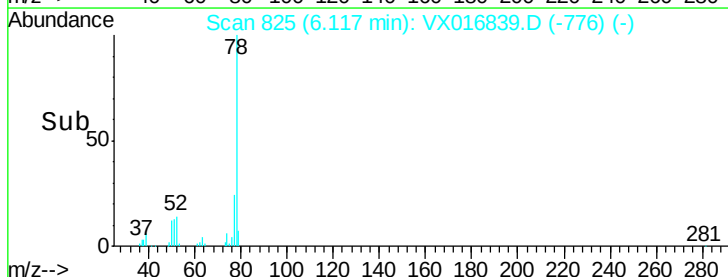
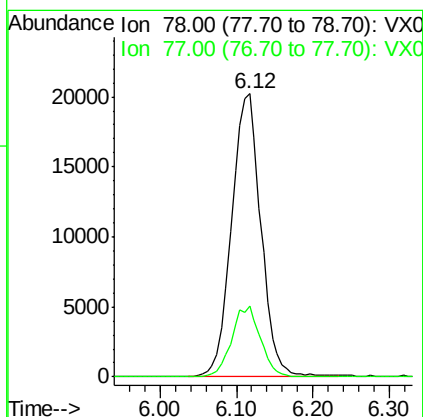
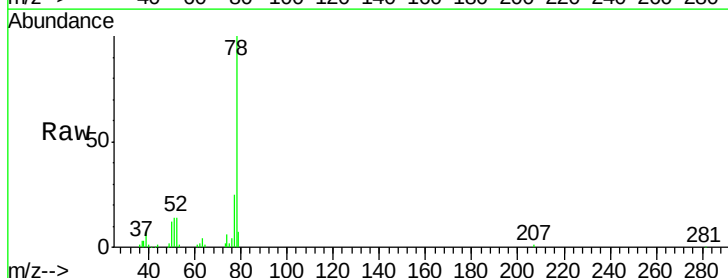
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

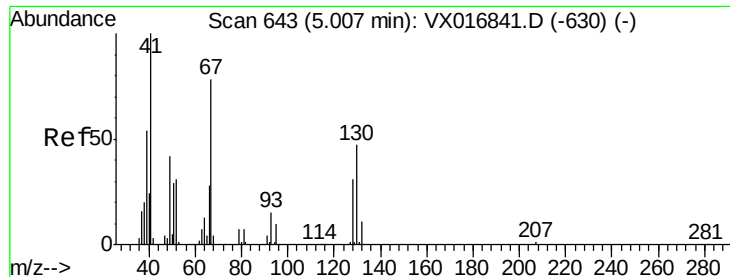
Tgt Ion: 83 Resp: 19772
Ion Ratio Lower Upper
83 100
55 71.7 61.7 92.5
98 49.9 39.0 58.6



#40
Benzene
Concen: 5.191 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion: 78 Resp: 53881
Ion Ratio Lower Upper
78 100
77 25.2 18.6 27.8

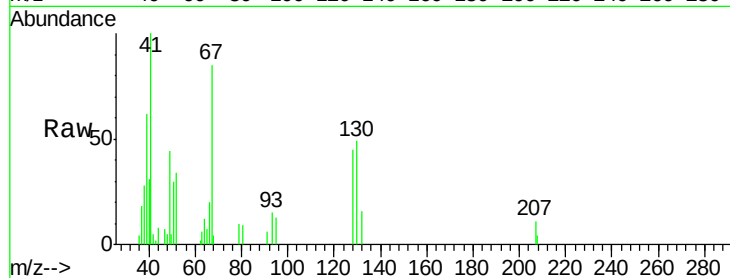




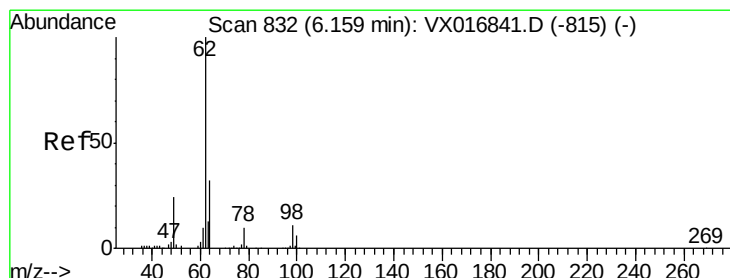
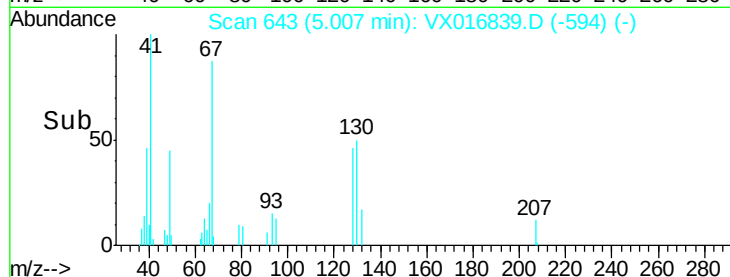
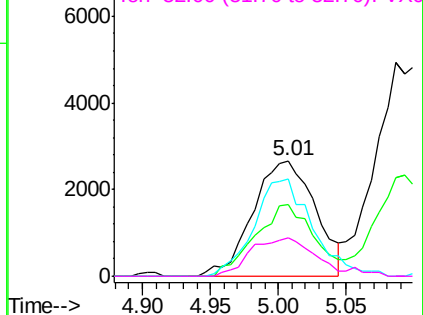
#41
Methacrylonitrile
Concen: 4.375 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	8574
Ion	Ratio	Lower	Upper
41	100		
39	59.1	42.6	64.0
67	78.8	64.2	96.2
52	33.4	25.6	38.4

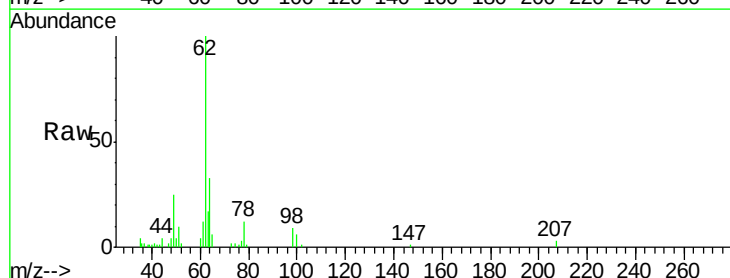


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

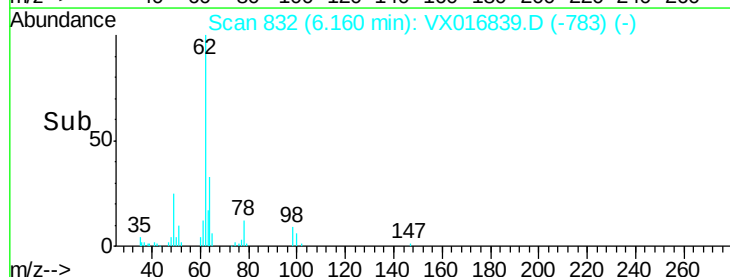
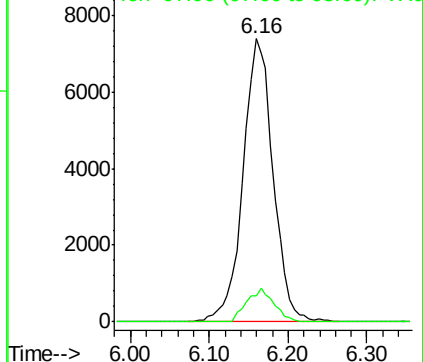


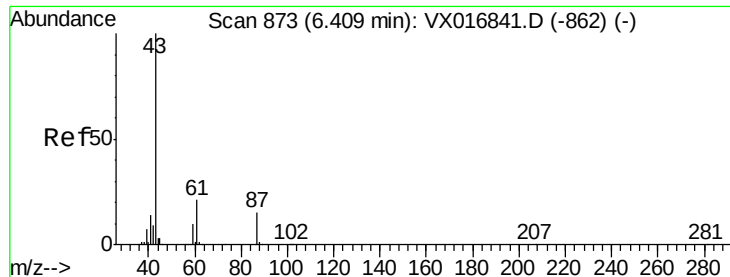
#42
1,2-Dichloroethane
Concen: 5.192 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion:	62	Resp:	19657
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.8



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





#43

Isopropyl Acetate

Concen: 4.508 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

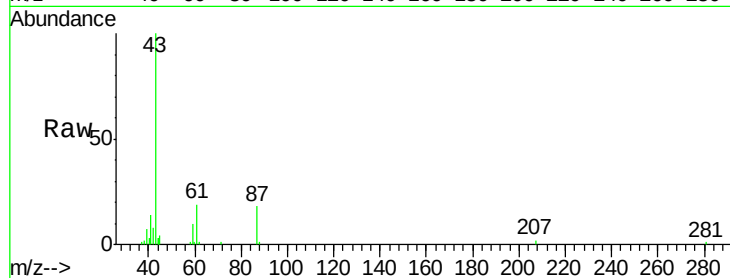
Tgt Ion: 43 Resp: 26393

Ion Ratio Lower Upper

43 100

61 22.4 17.9 26.9

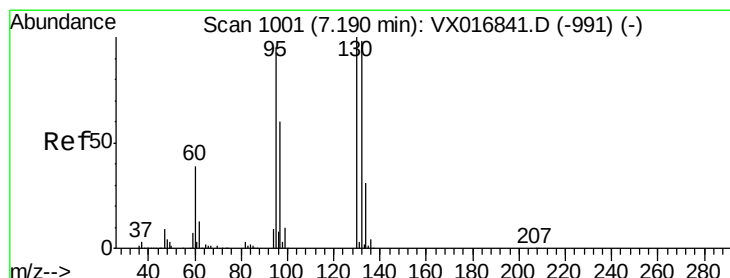
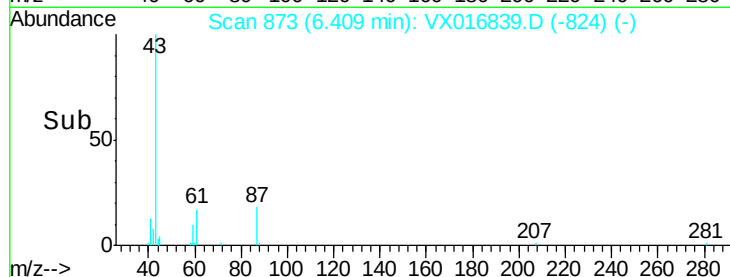
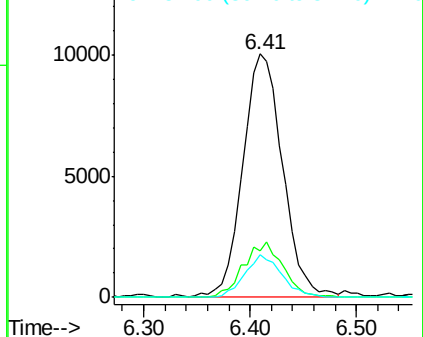
87 16.1 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 5.420 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016839.D

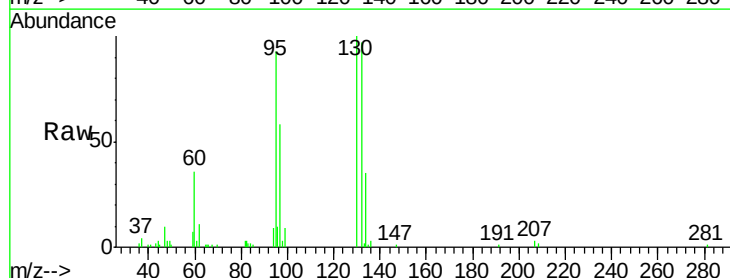
Acq: 18 Jun 2020 11:02

Tgt Ion: 130 Resp: 17935

Ion Ratio Lower Upper

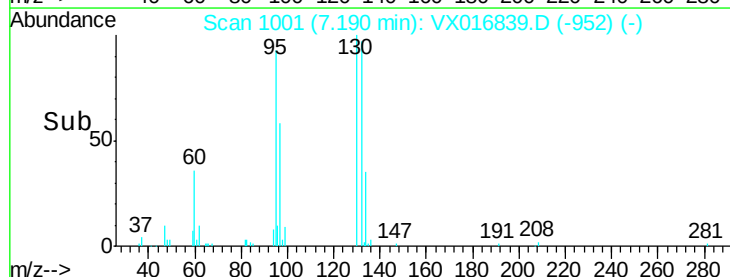
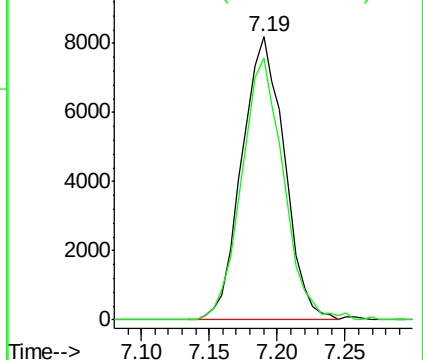
130 100

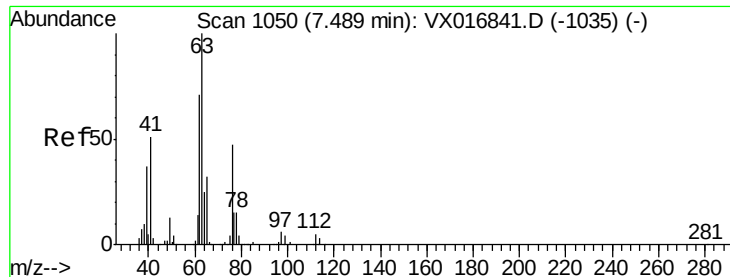
95 92.5 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 5.229 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

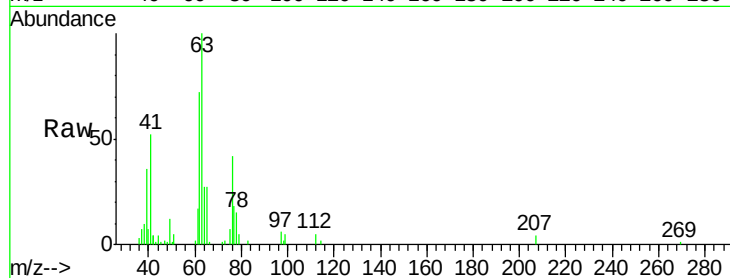
VSTDIC005

Tgt Ion: 63 Resp: 13392

Ion Ratio Lower Upper

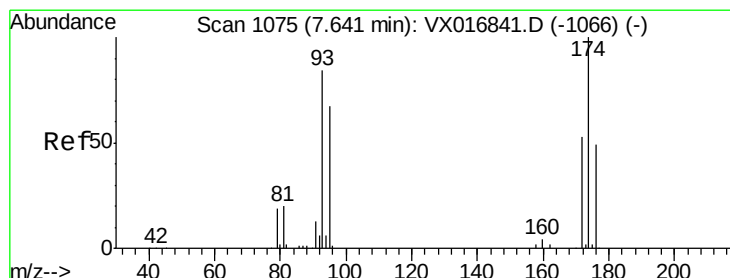
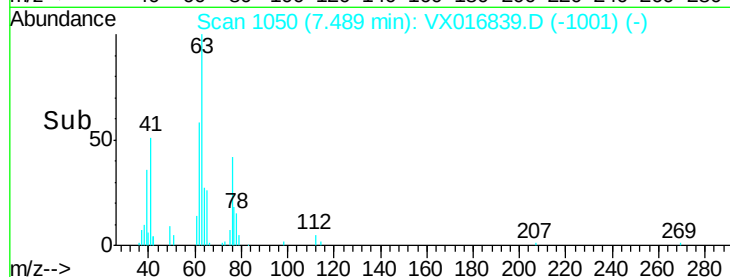
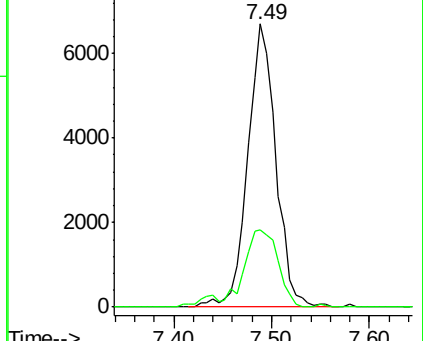
63 100

65 27.1 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 4.968 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

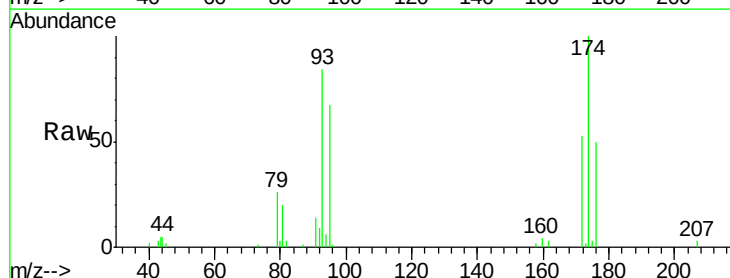
Tgt Ion: 93 Resp: 9199

Ion Ratio Lower Upper

93 100

95 84.8 65.7 98.5

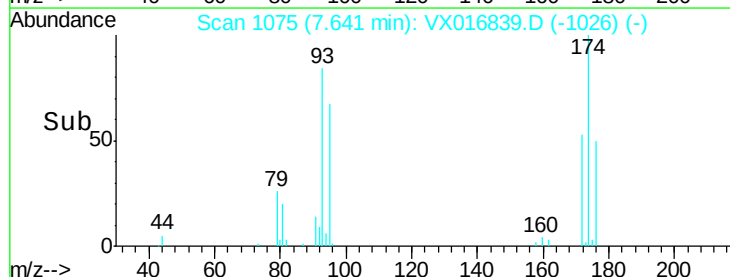
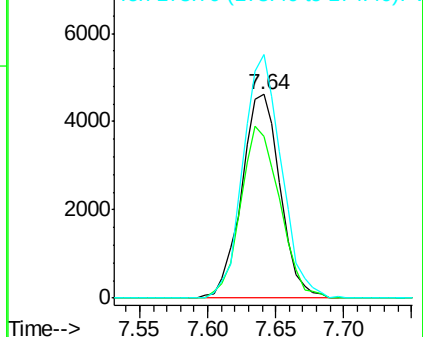
174 118.1 92.8 139.2

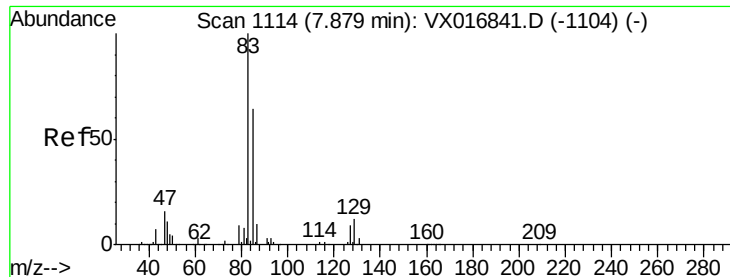


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 4.933 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

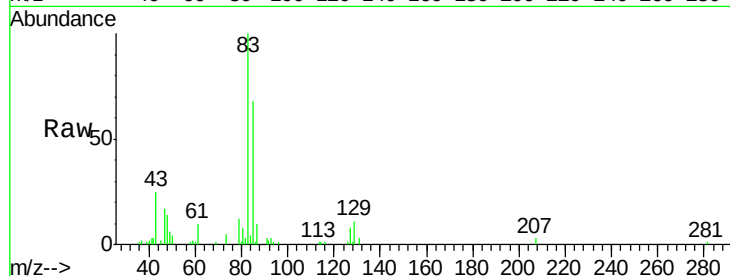
Tgt Ion: 83 Resp: 19031

Ion Ratio Lower Upper

83 100

85 67.7 50.9 76.3

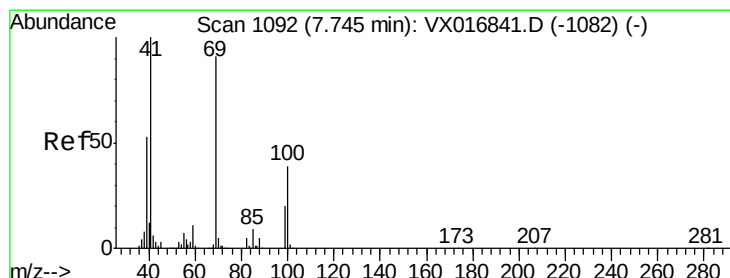
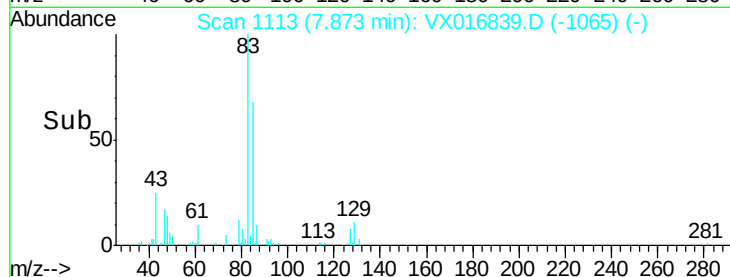
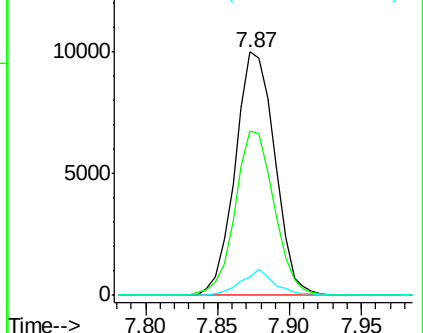
127 7.5 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.406 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

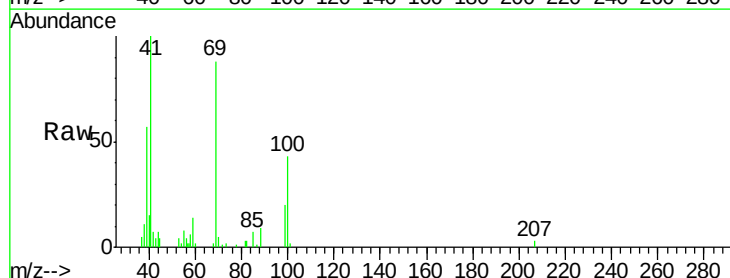
Tgt Ion: 41 Resp: 12090

Ion Ratio Lower Upper

41 100

69 95.1 73.3 109.9

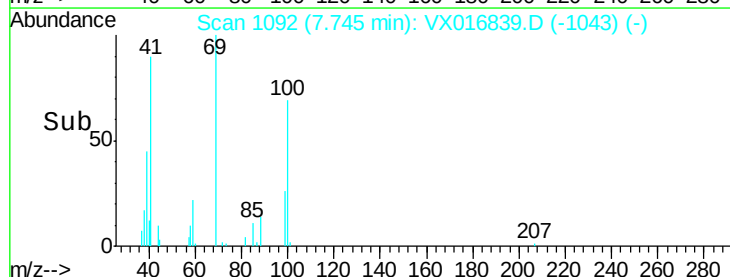
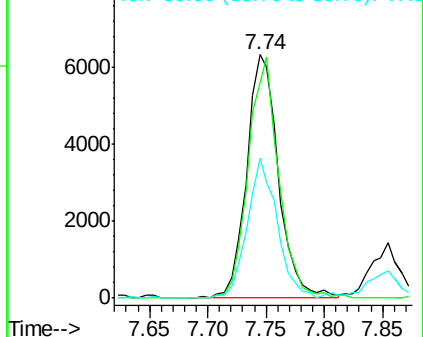
39 53.7 42.4 63.6

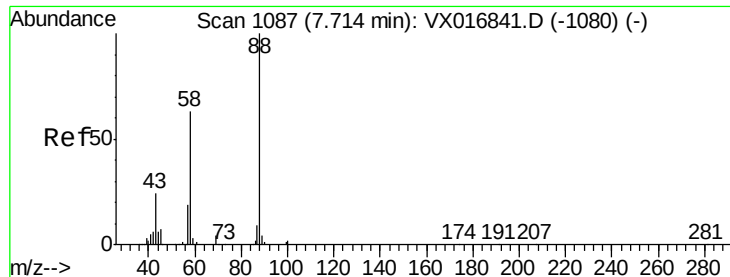


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 82.367 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

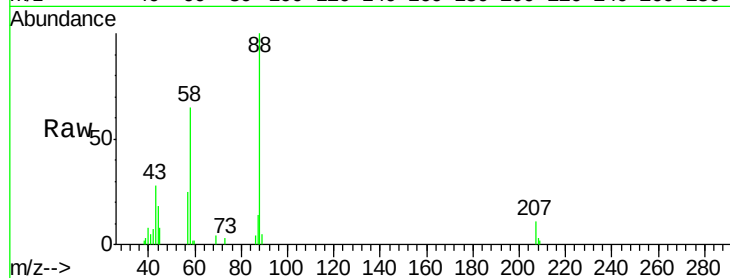
Tgt Ion: 88 Resp: 5541

Ion Ratio Lower Upper

88 100

43 35.3 22.7 34.1#

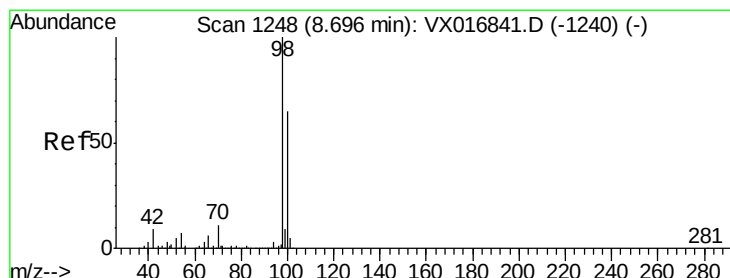
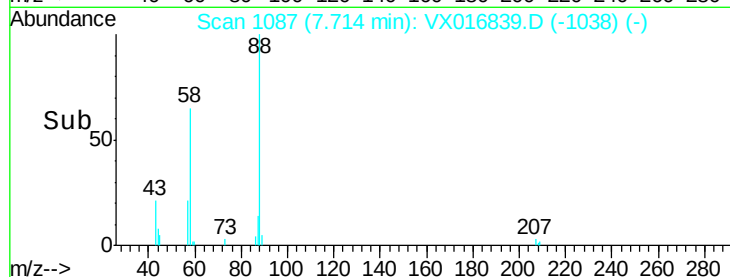
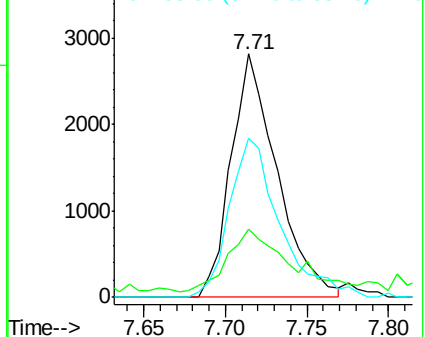
58 71.7 53.1 79.7



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: 5.881 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016839.D

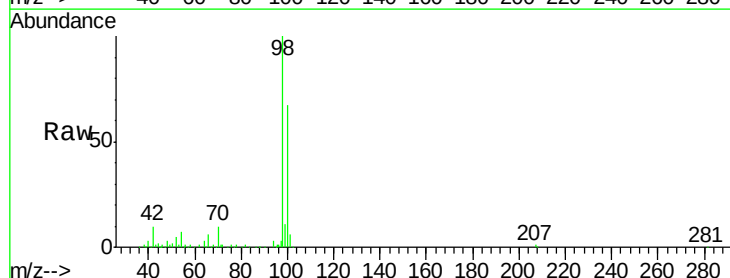
Acq: 18 Jun 2020 11:02

Tgt Ion: 98 Resp: 52451

Ion Ratio Lower Upper

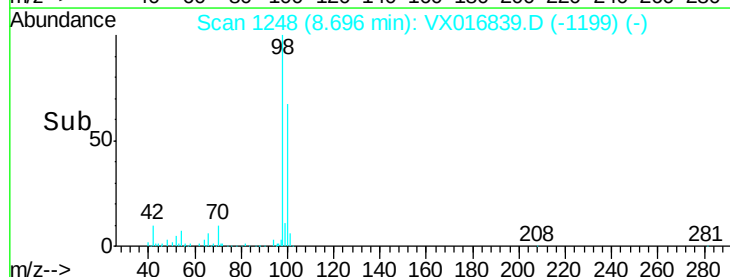
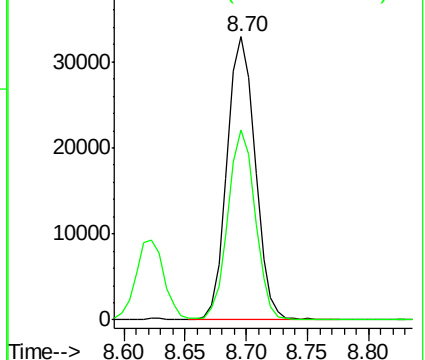
98 100

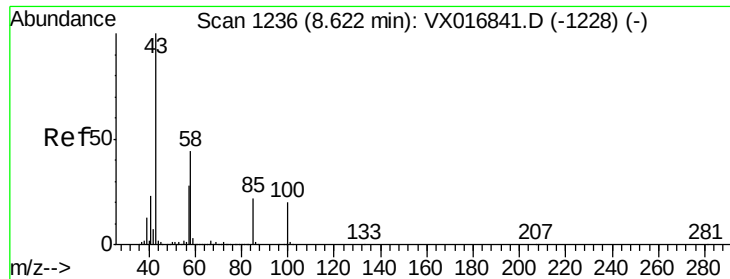
100 64.9 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

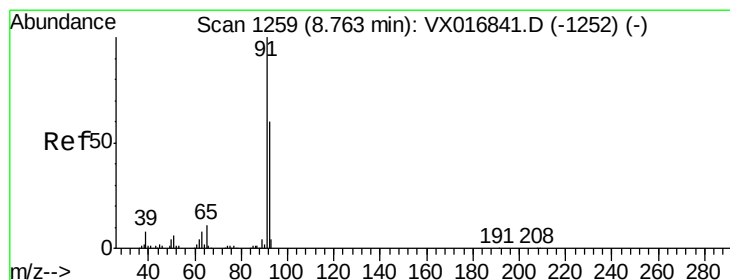
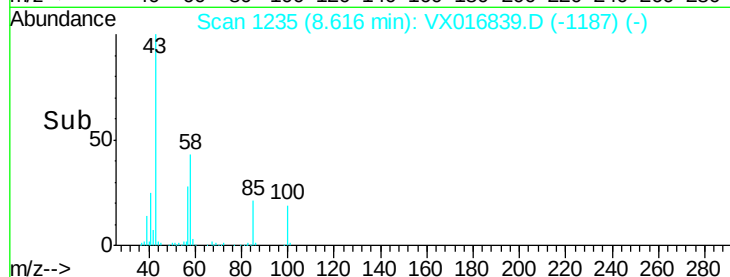
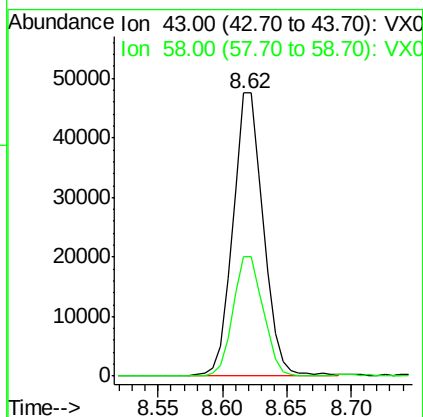
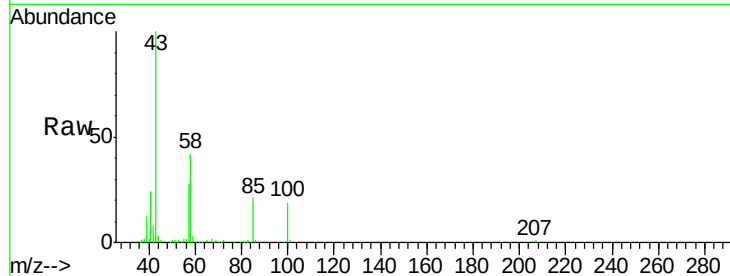




#51
 4-Methyl-2-Pentanone
 Concen: 21.717 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

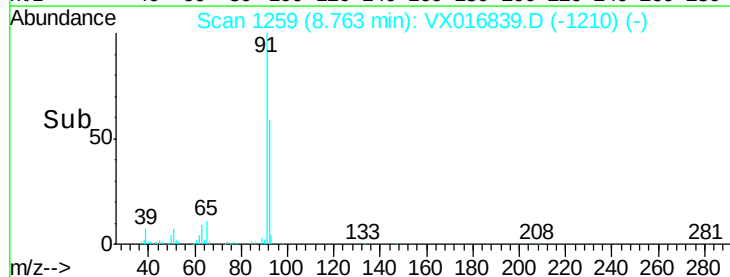
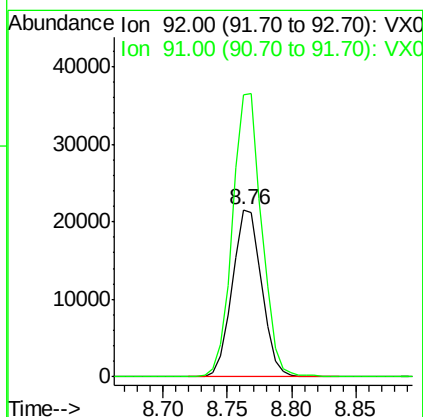
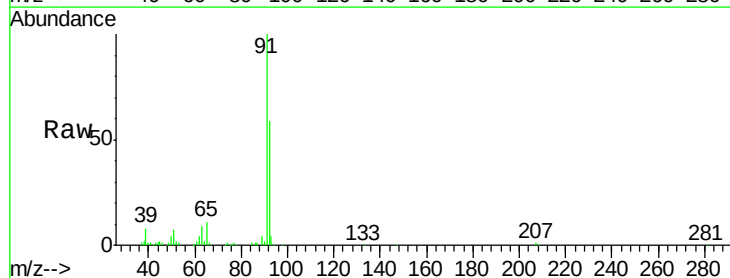
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

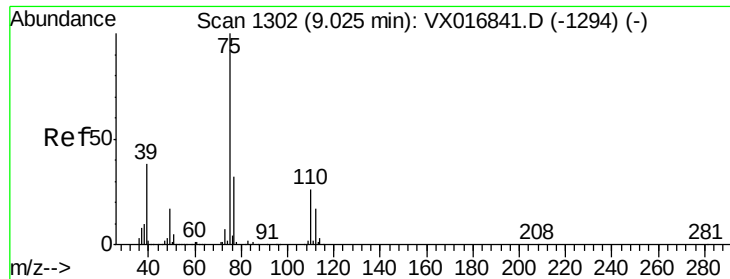
Tgt Ion: 43 Resp: 77216
 Ion Ratio Lower Upper
 43 100
 58 42.5 34.3 51.5



#52
 Toluene
 Concen: 5.086 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

Tgt Ion: 92 Resp: 34348
 Ion Ratio Lower Upper
 92 100
 91 168.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 4.681 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

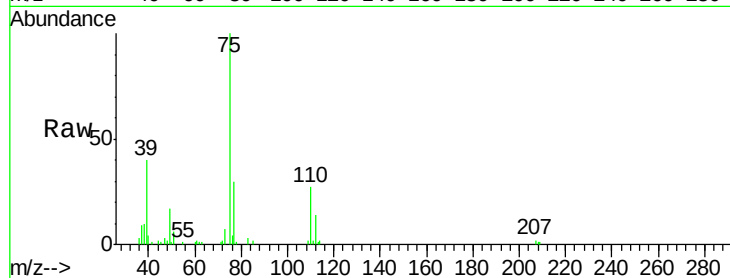
VSTDIC005

Tgt Ion: 75 Resp: 20342

Ion Ratio Lower Upper

75 100

77 29.6 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

15000

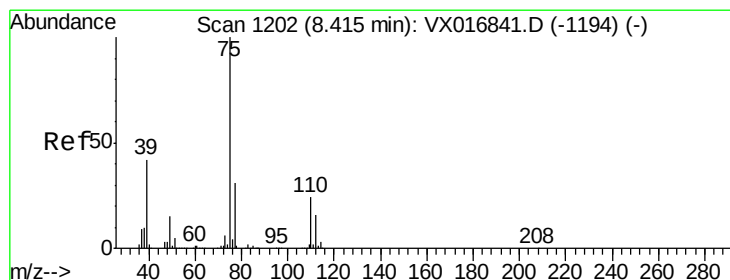
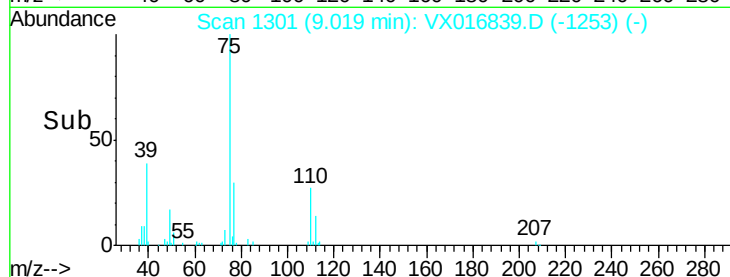
10000

5000

0

8.95 9.00 9.05 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 5.713 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

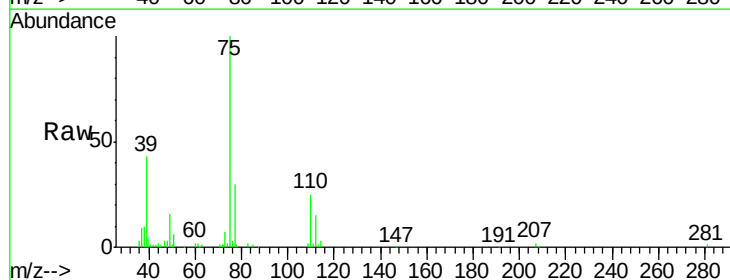
Tgt Ion: 75 Resp: 25994

Ion Ratio Lower Upper

75 100

77 30.0 24.9 37.3

39 43.2 33.4 50.0



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

20000

15000

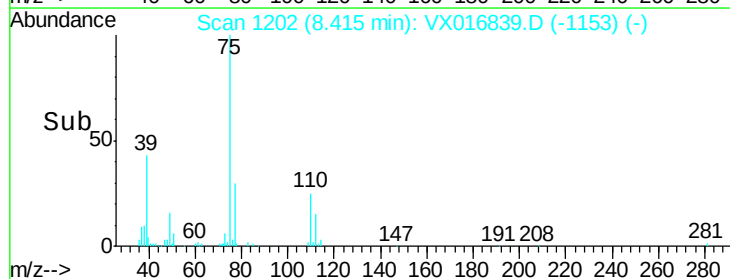
10000

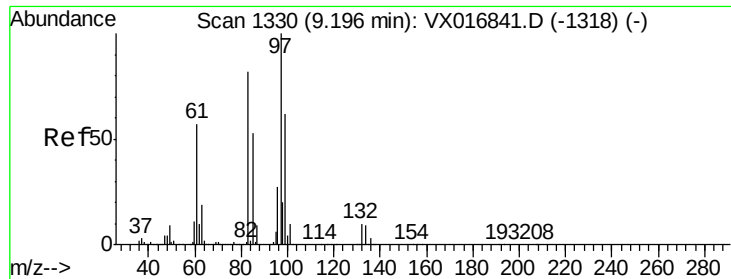
5000

0

8.35 8.40 8.45 8.50

Time-->

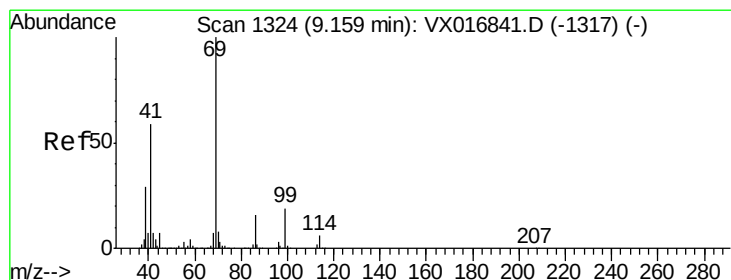
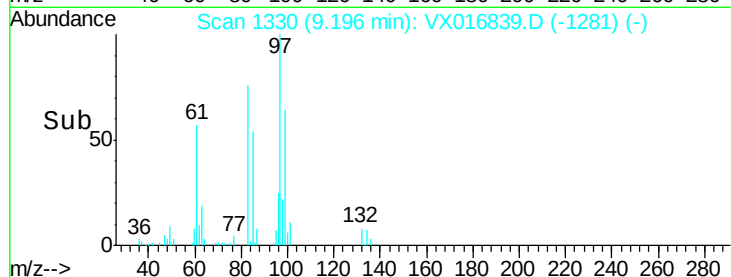
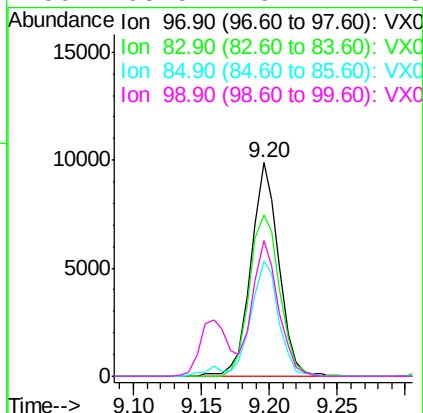
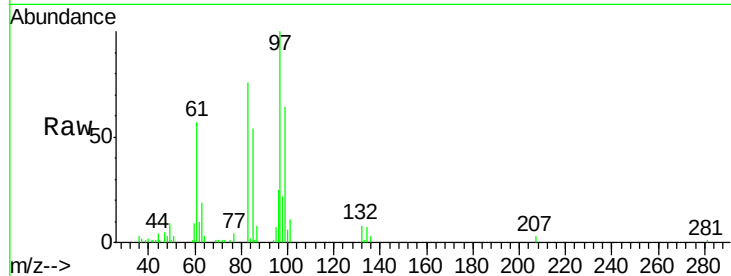




#55
 1,1,2-Trichloroethane
 Concen: 5.192 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

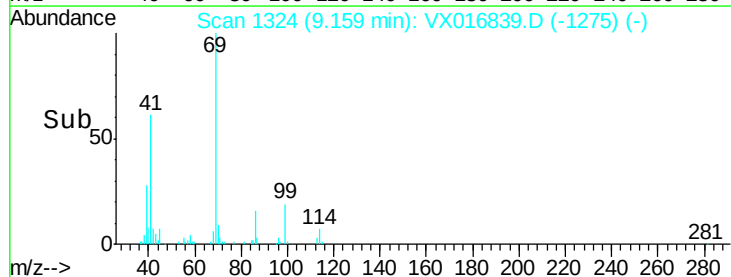
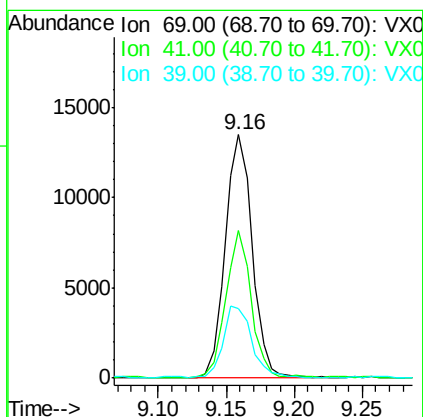
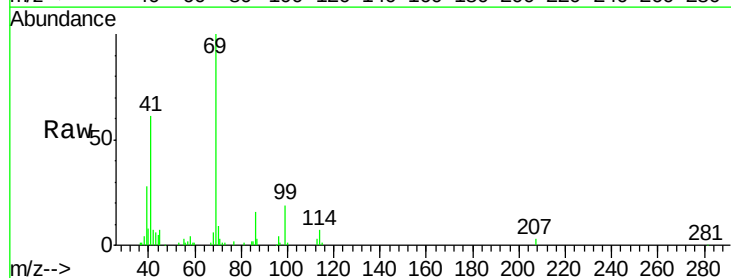
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

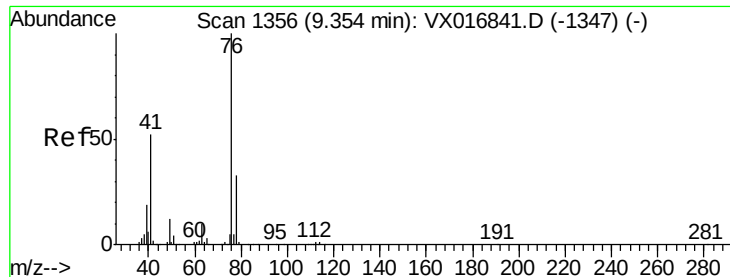
Tgt Ion:	97	Resp:	14232
Ion	Ratio	Lower	Upper
97	100		
83	75.6	65.5	98.3
85	54.1	42.6	63.8
99	63.5	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 4.517 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

Tgt Ion:	69	Resp:	18587
Ion	Ratio	Lower	Upper
69	100		
41	56.9	47.9	71.9
39	31.7	24.2	36.4

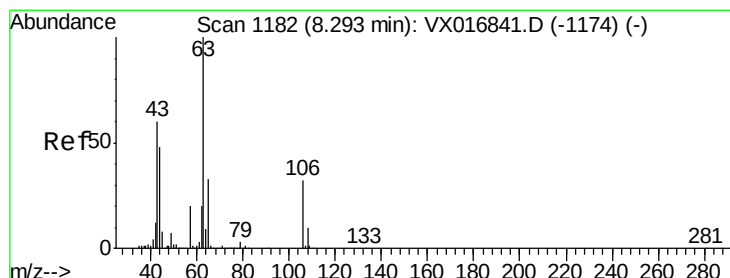
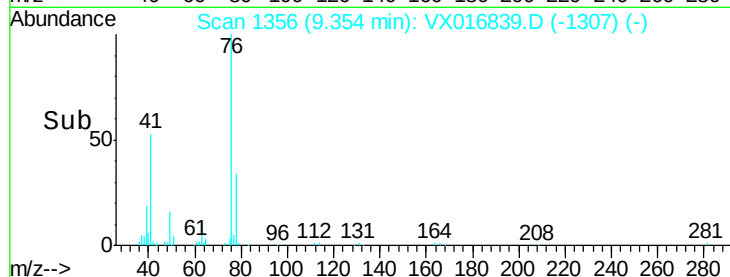
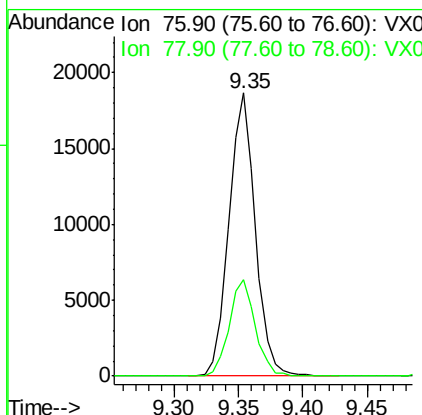
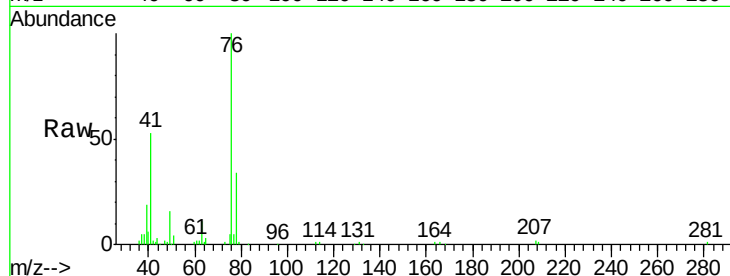




#57
 1,3-Dichloropropane
 Concen: 5.803 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

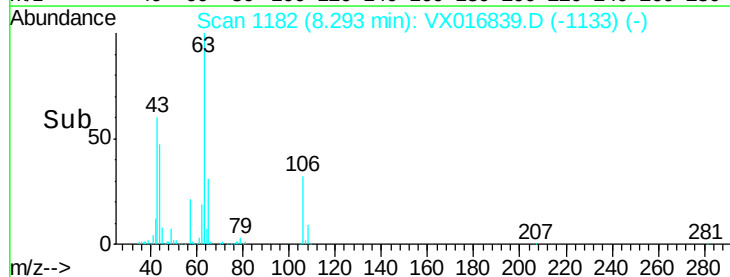
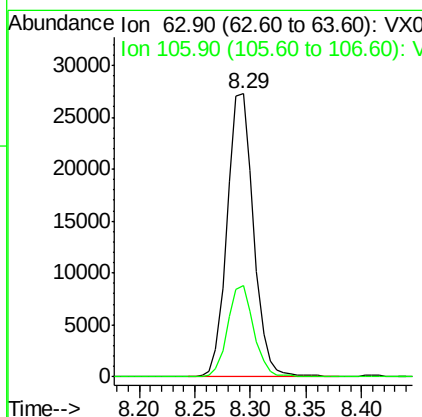
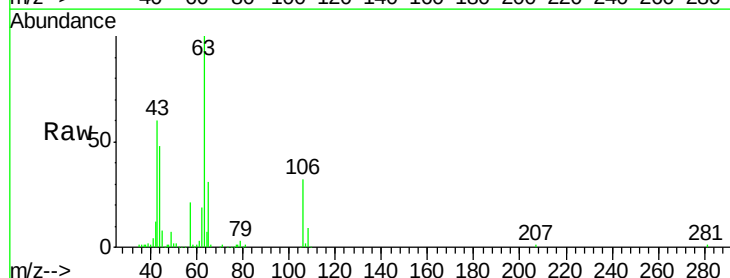
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

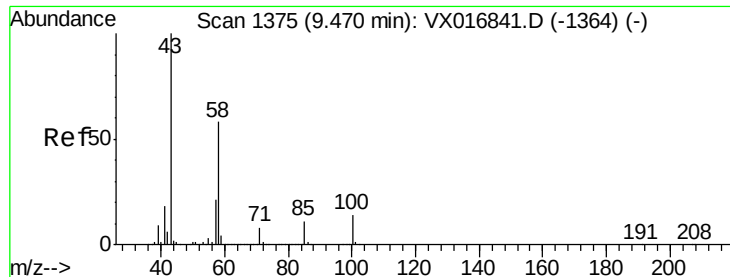
Tgt Ion: 76 Resp: 26815
 Ion Ratio Lower Upper
 76 100
 78 34.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 22.774 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

Tgt Ion: 63 Resp: 45045
 Ion Ratio Lower Upper
 63 100
 106 31.7 25.8 38.6

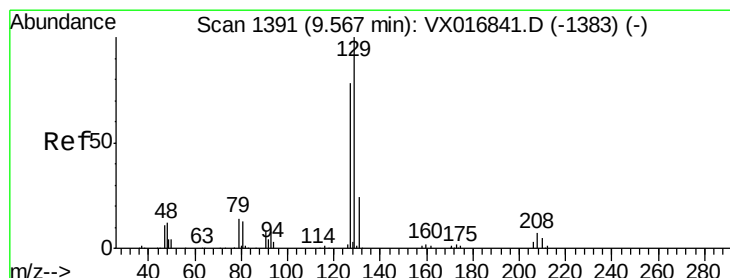
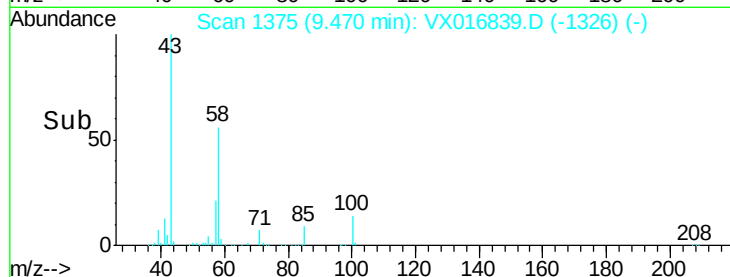
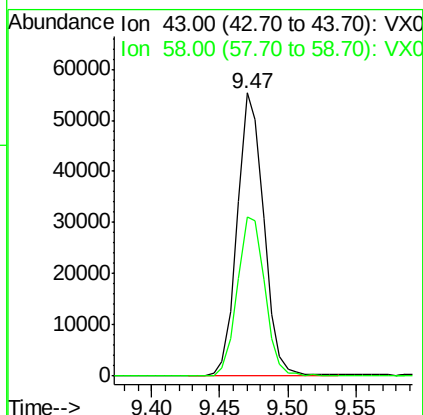
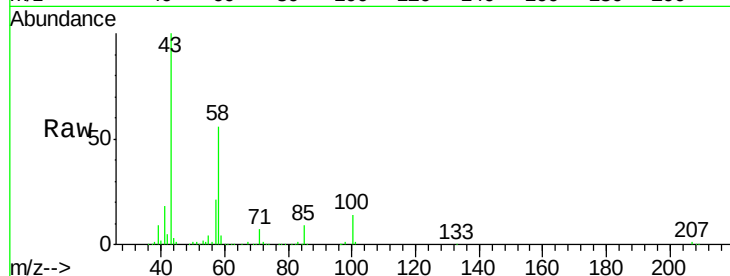




#59
2-Hexanone
Concen: 27.434 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

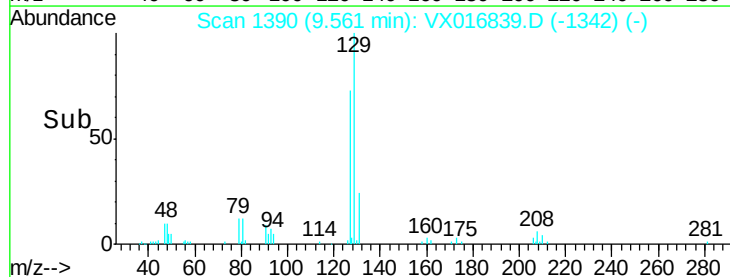
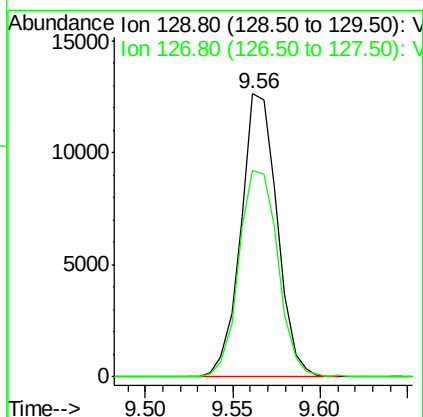
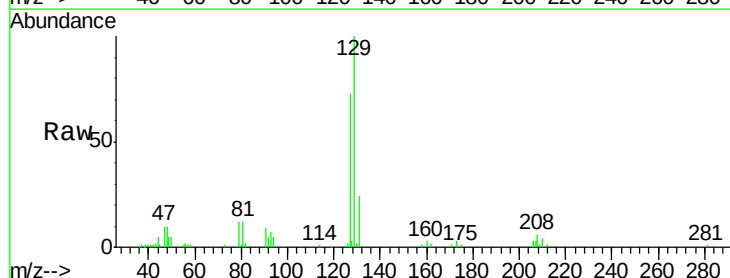
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

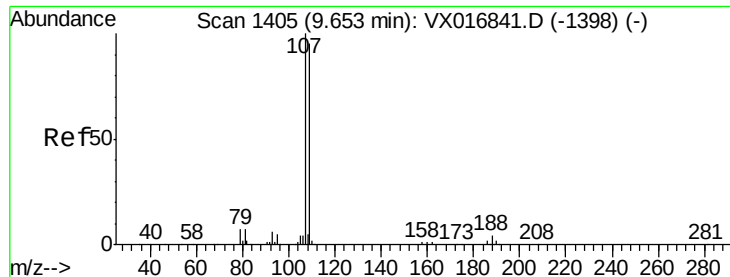
Tgt Ion: 43 Resp: 74861
Ion Ratio Lower Upper
43 100
58 59.0 29.8 89.4



#60
Dibromochloromethane
Concen: 5.602 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion: 129 Resp: 18172
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 5.719 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

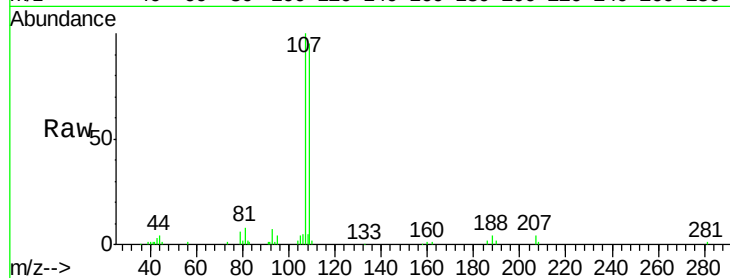
VSTDIC005

Tgt Ion: 107 Resp: 16900

Ion Ratio Lower Upper

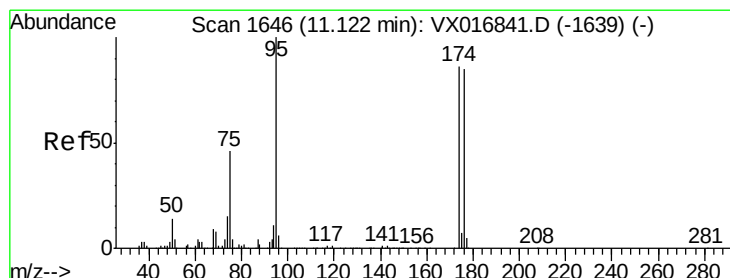
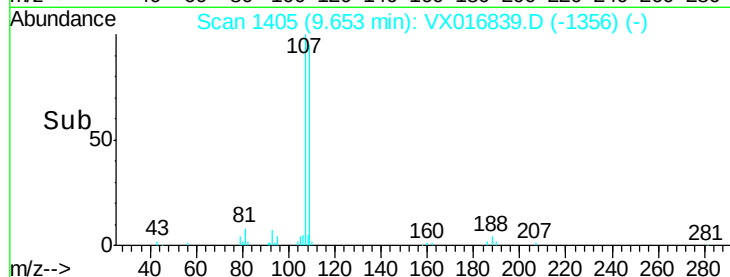
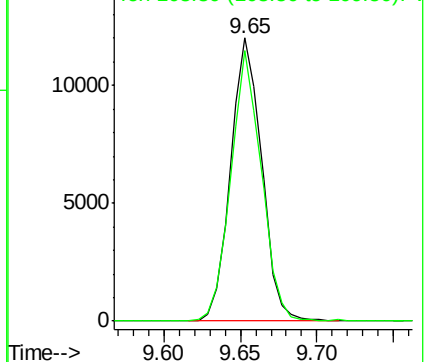
107 100

109 93.9 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.790 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

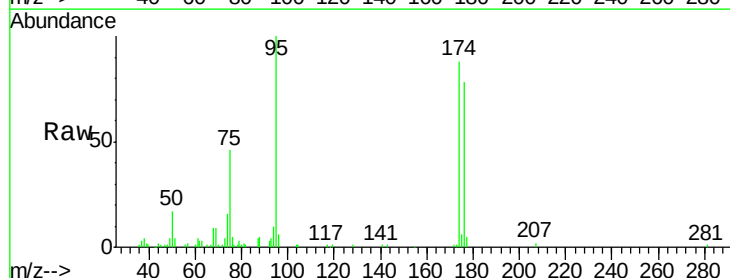
Tgt Ion: 95 Resp: 19668

Ion Ratio Lower Upper

95 100

174 85.3 0.0 174.2

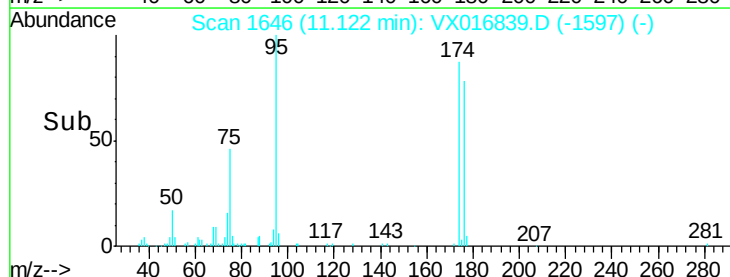
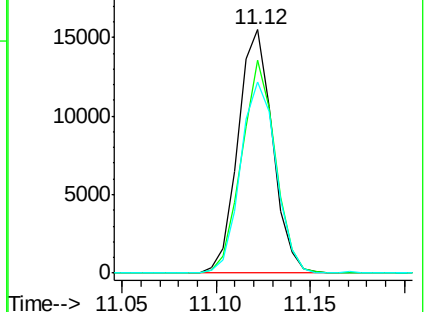
176 81.2 0.0 170.0

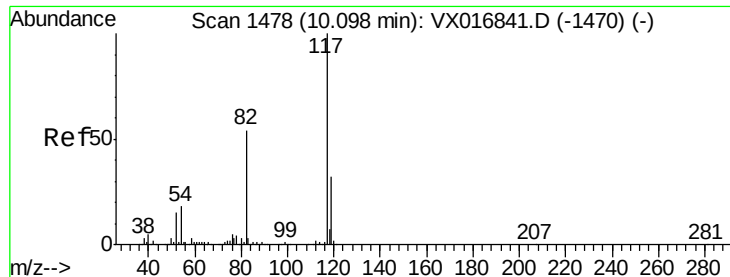


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

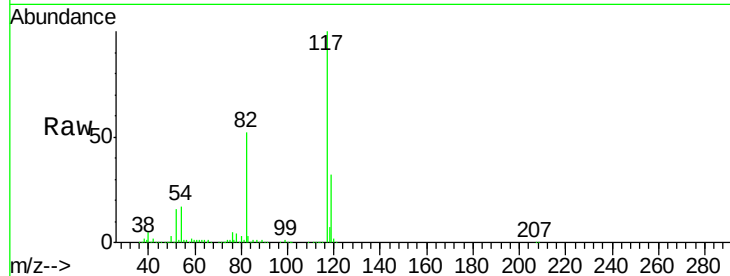




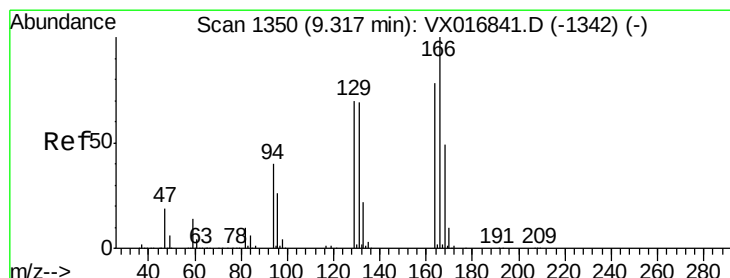
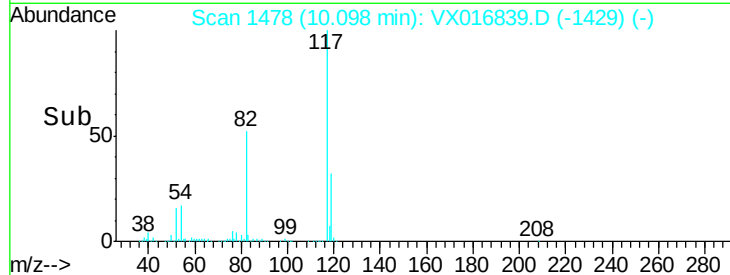
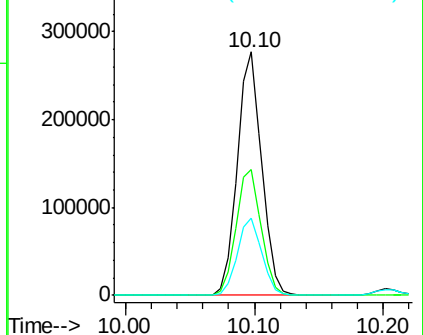
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 363388
Ion Ratio Lower Upper
117 100
82 51.9 43.4 65.0
119 31.9 25.7 38.5

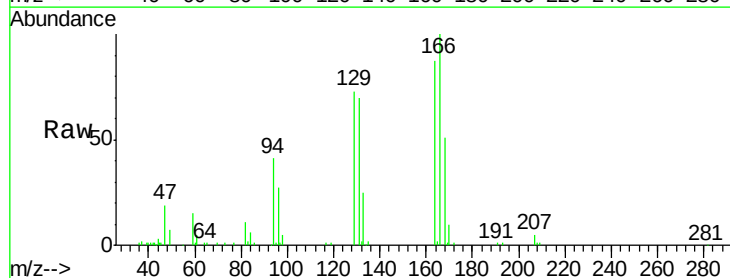


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

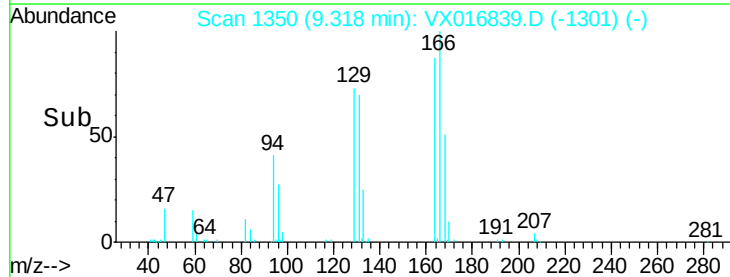
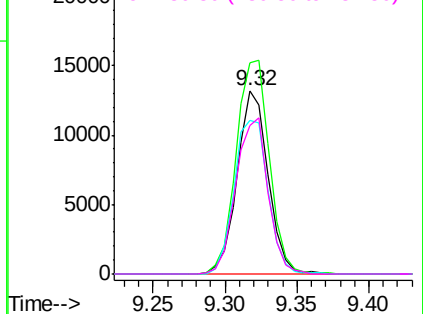


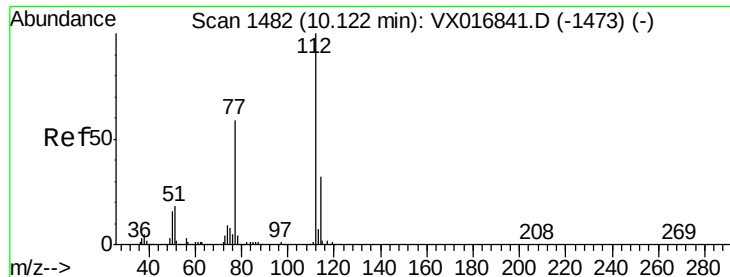
#64
Tetrachloroethene
Concen: 5.708 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion:164 Resp: 19679
Ion Ratio Lower Upper
164 100
166 114.9 102.6 153.8
129 83.6 72.2 108.2
131 80.9 70.8 106.2



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

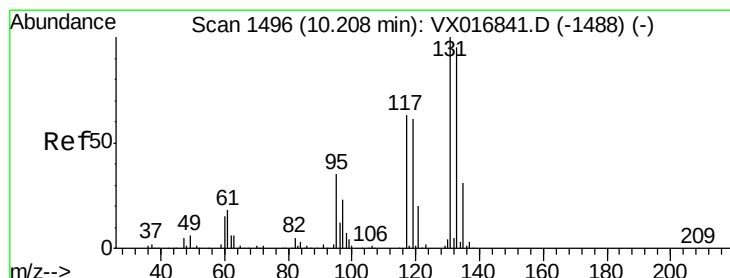
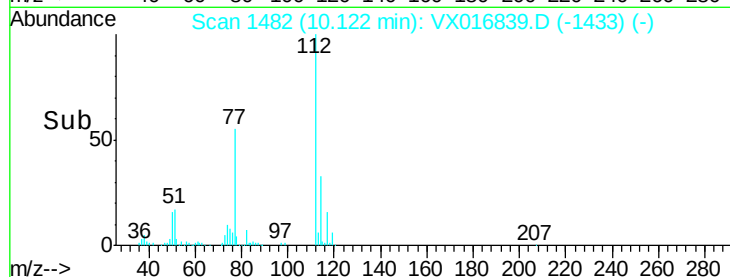
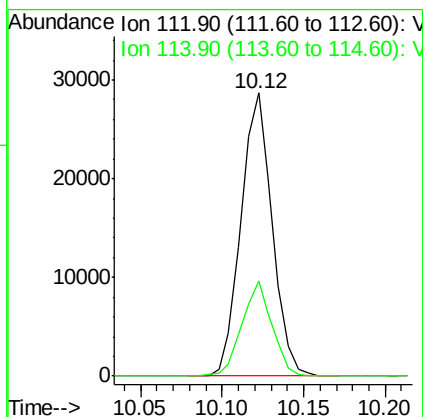
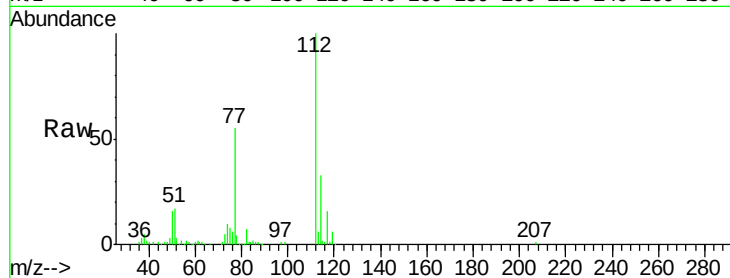




#65
Chlorobenzene
Concen: 5.196 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

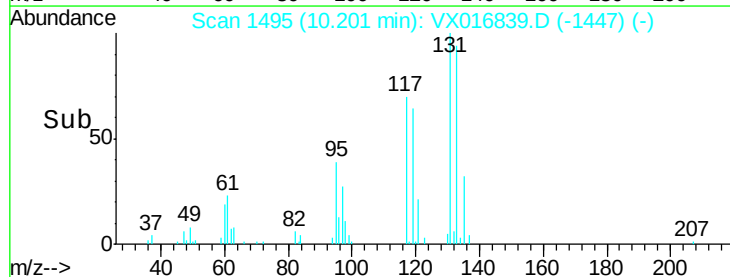
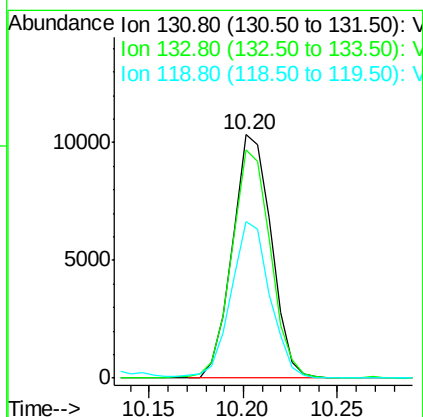
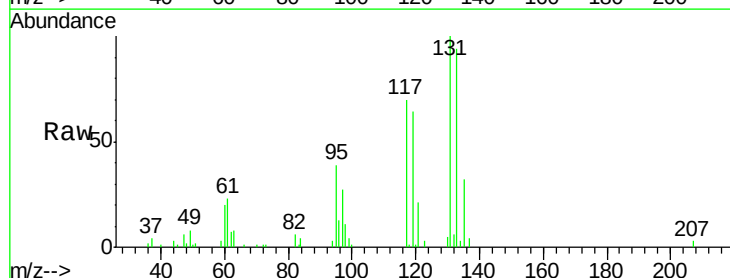
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

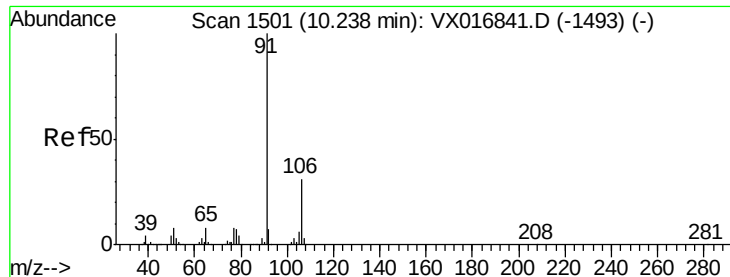
Tgt Ion:112 Resp: 38202
Ion Ratio Lower Upper
112 100
114 33.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 5.096 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion:131 Resp: 14773
Ion Ratio Lower Upper
131 100
133 94.0 47.7 143.1
119 64.5 30.8 92.4

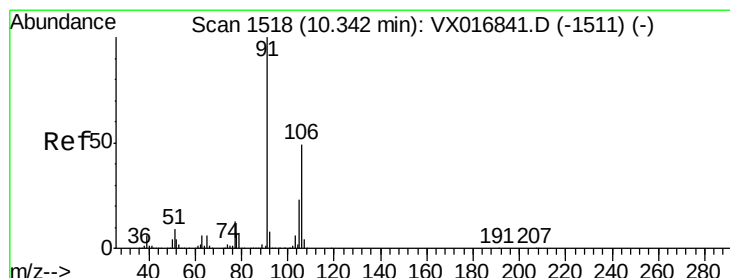
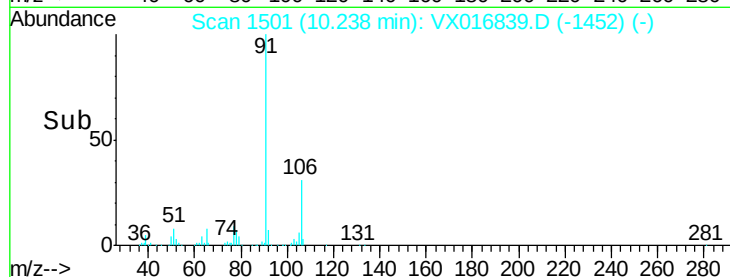
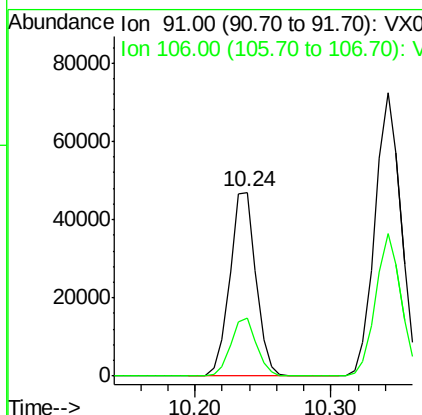
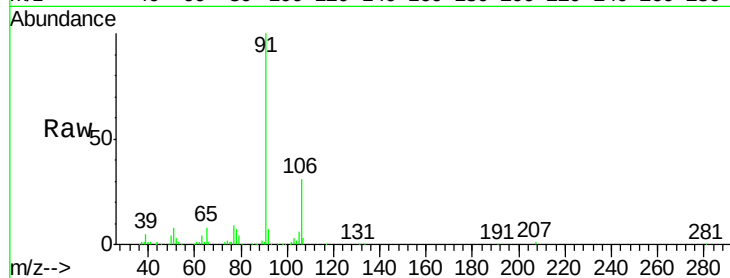




#67
Ethyl Benzene
Concen: 5.101 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

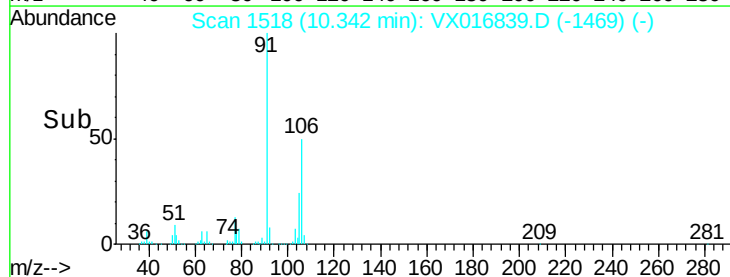
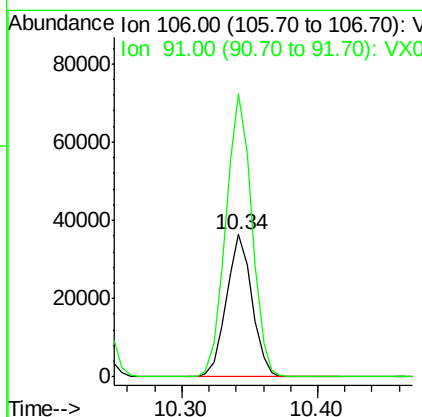
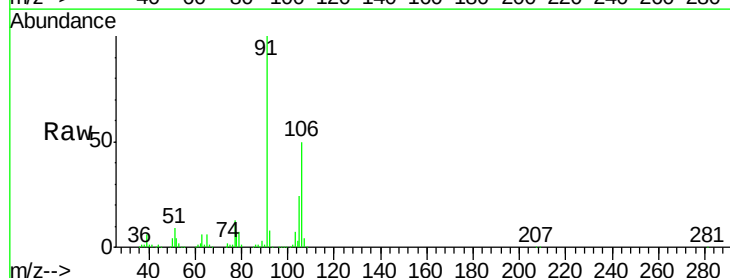
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

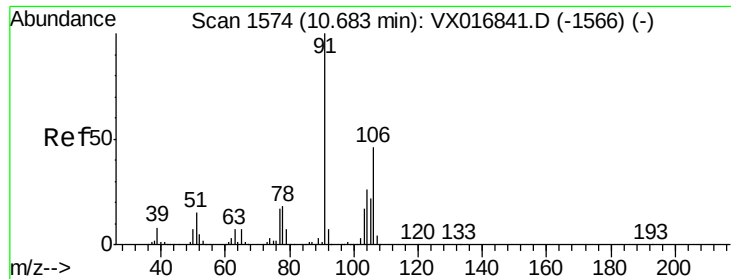
Tgt Ion: 91 Resp: 62817
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#68
m/p-Xylenes
Concen: 10.171 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion: 106 Resp: 47323
Ion Ratio Lower Upper
106 100
91 202.3 161.5 242.3





#69

o-Xylene

Concen: 5.051 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

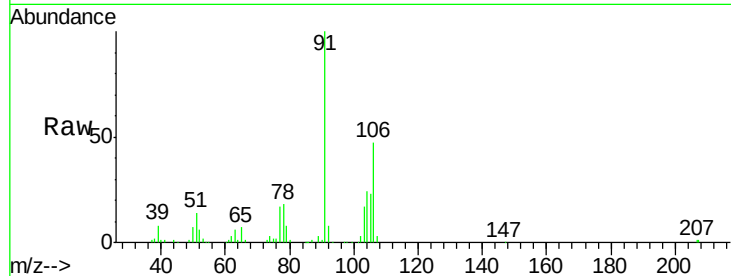
VSTDIC005

Tgt Ion:106 Resp: 22582

Ion Ratio Lower Upper

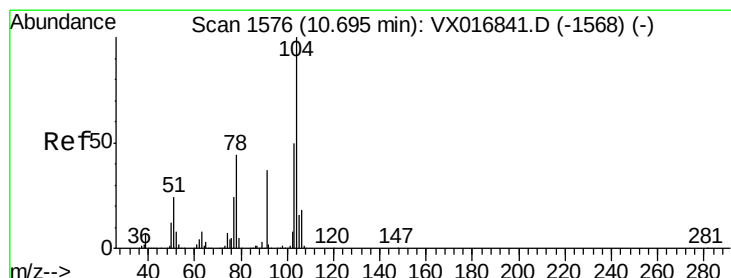
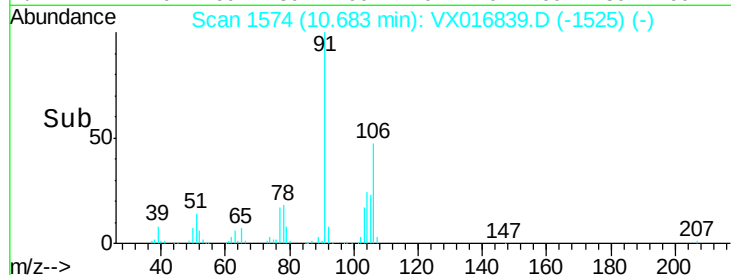
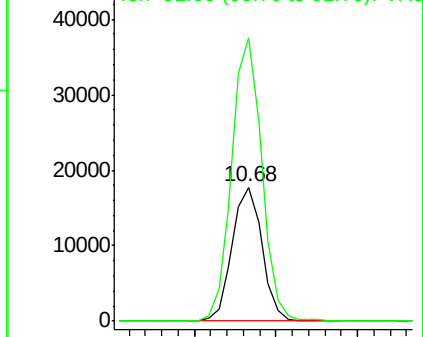
106 100

91 212.8 107.9 323.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 4.852 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

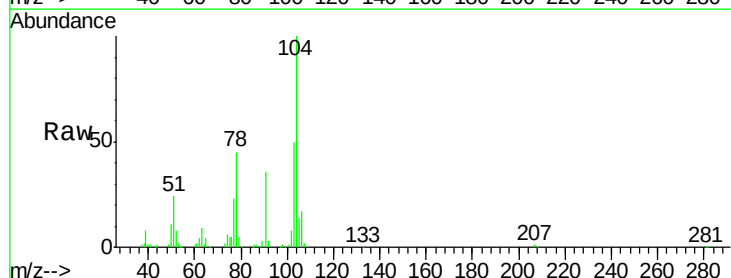
Tgt Ion:104 Resp: 37482

Ion Ratio Lower Upper

104 100

78 50.5 39.6 59.4

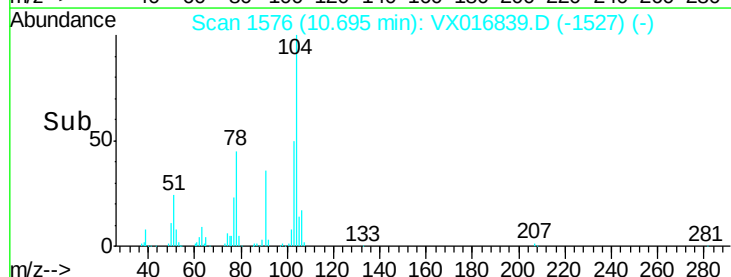
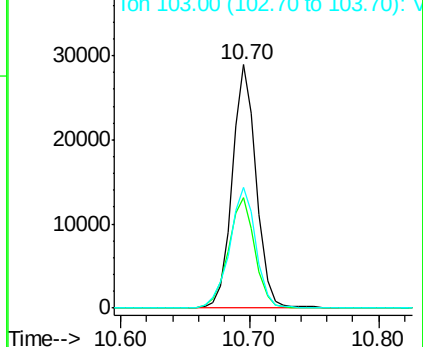
103 54.5 43.3 64.9

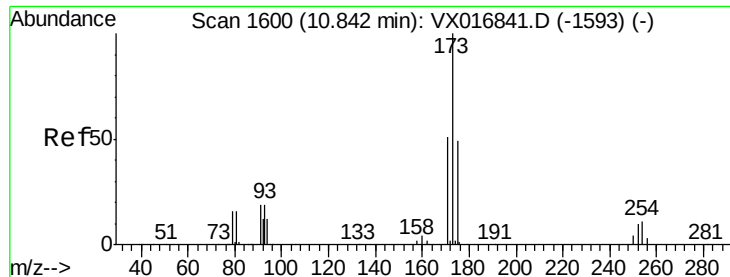


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 4.923 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

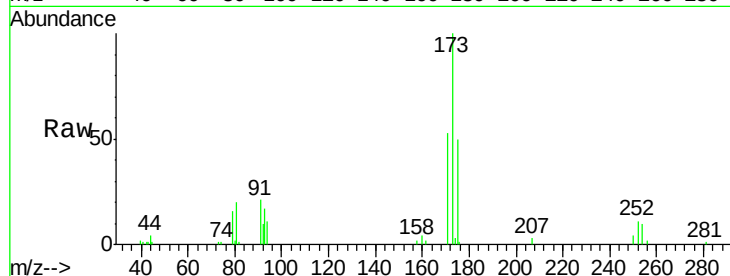
Tgt Ion:173 Resp: 12104

Ion Ratio Lower Upper

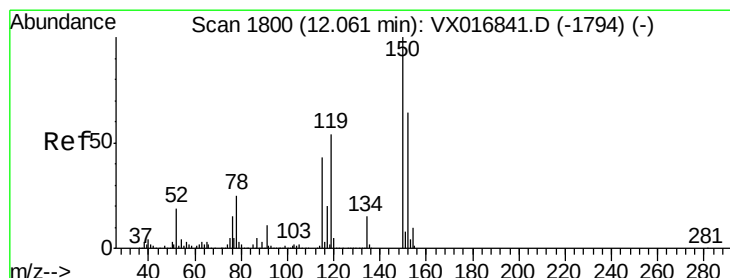
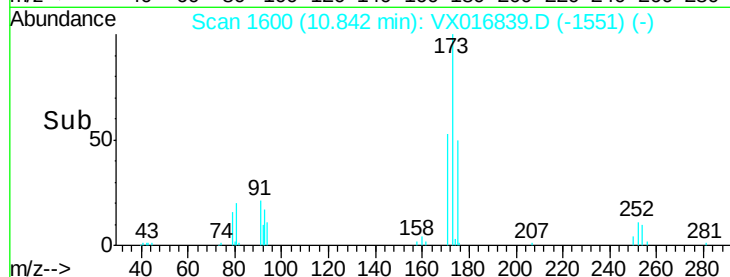
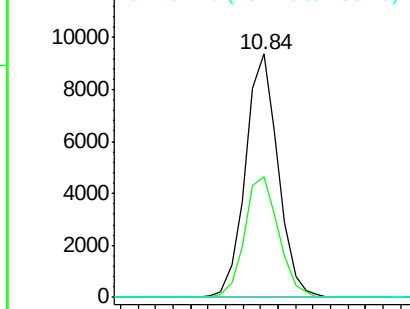
173 100

175 51.4 24.3 73.0

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

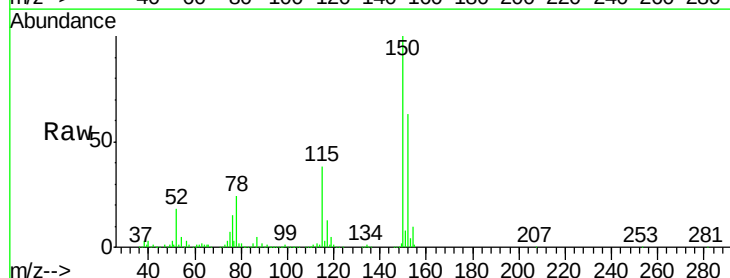
Tgt Ion:152 Resp: 195259

Ion Ratio Lower Upper

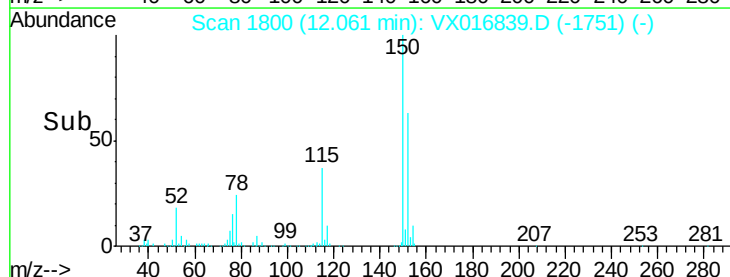
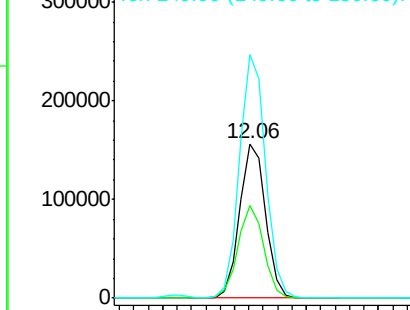
152 100

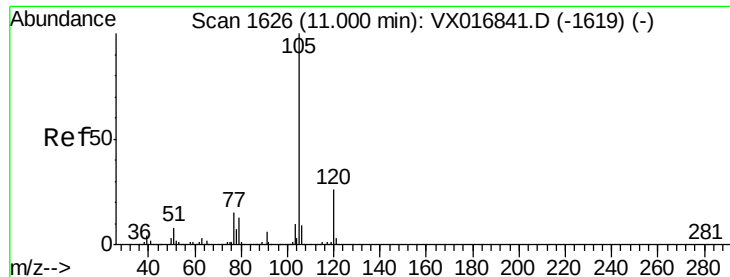
115 60.2 40.9 122.8

150 158.9 0.0 344.2



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





#73

Isopropylbenzene

Concen: 4.835 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampled :

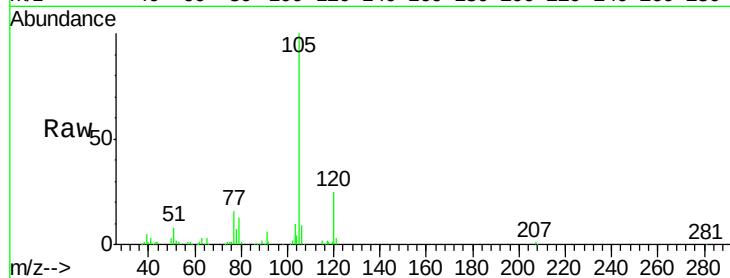
VSTDIC005

Tgt Ion: 105 Resp: 62012

Ion Ratio Lower Upper

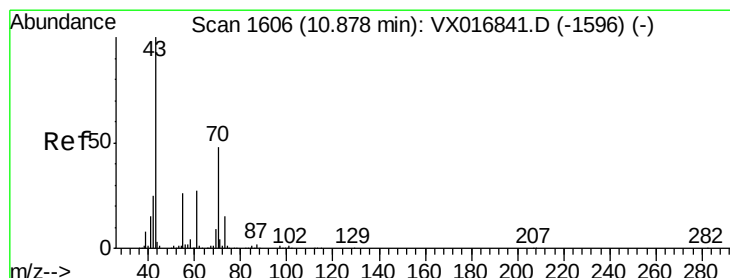
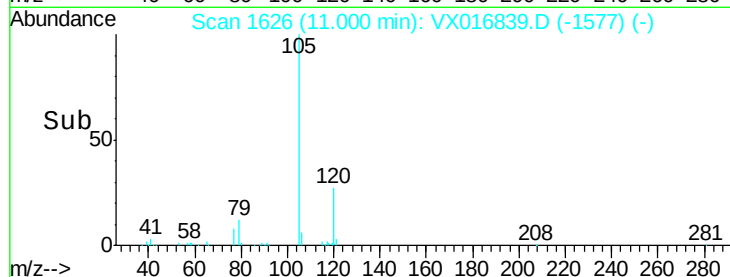
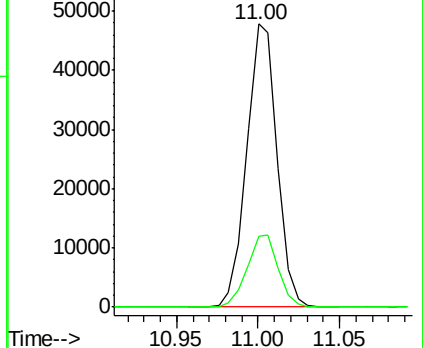
105 100

120 26.0 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 4.282 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Tgt Ion: 43 Resp: 21095

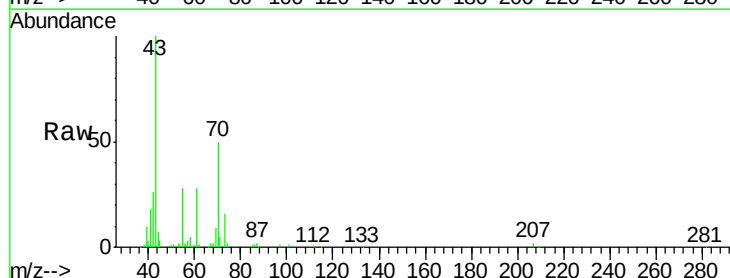
Ion Ratio Lower Upper

43 100

70 48.9 39.9 59.9

55 28.2 21.8 32.6

61 27.1 22.2 33.4

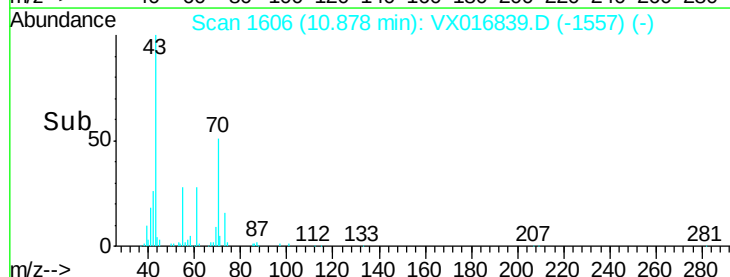
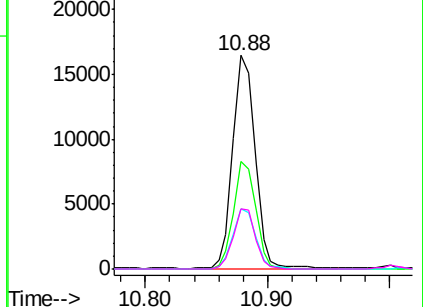


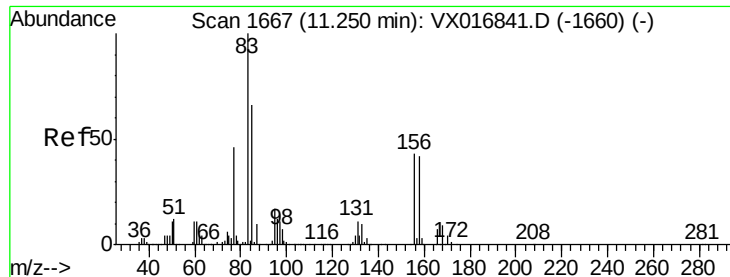
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 4.884 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

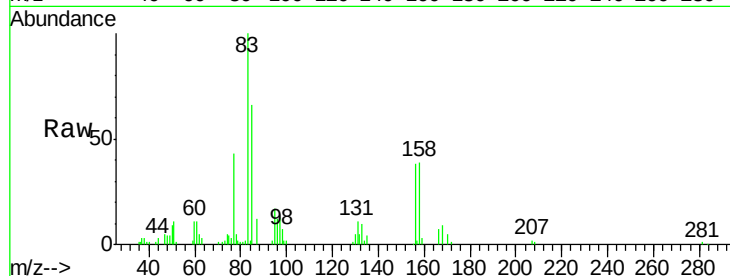
Tgt Ion: 83 Resp: 18337

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.1

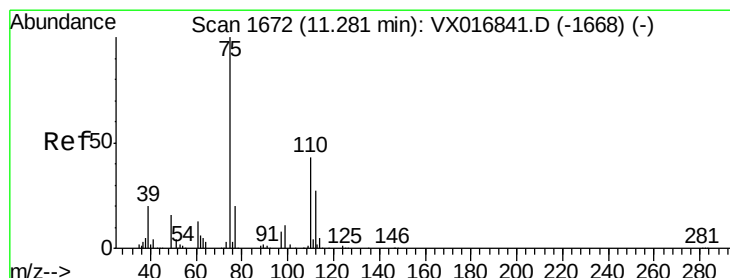
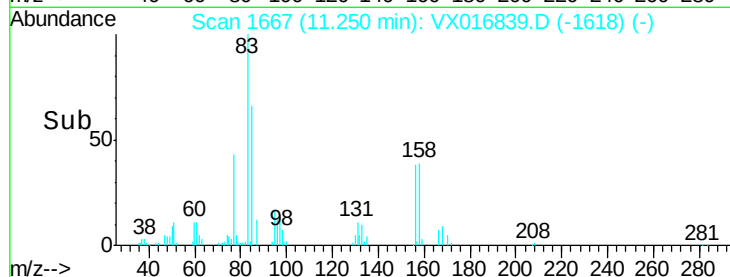
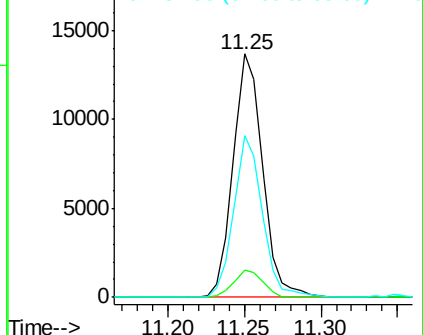
85 64.6 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 6.142 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016839.D

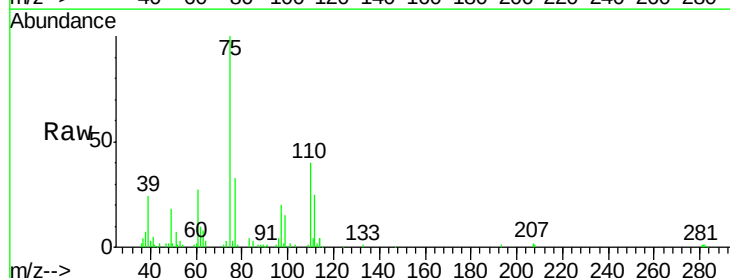
Acq: 18 Jun 2020 11:02

Tgt Ion: 75 Resp: 24907

Ion Ratio Lower Upper

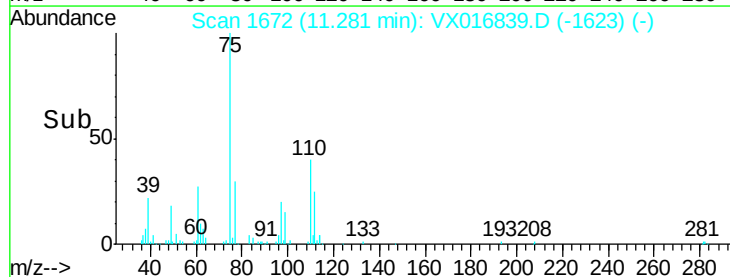
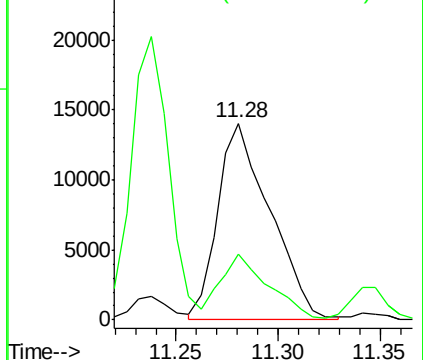
75 100

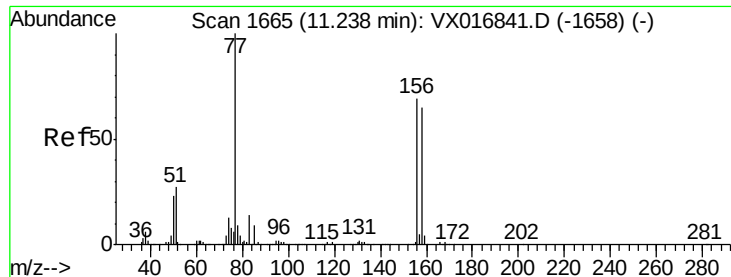
77 31.0 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 4.884 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

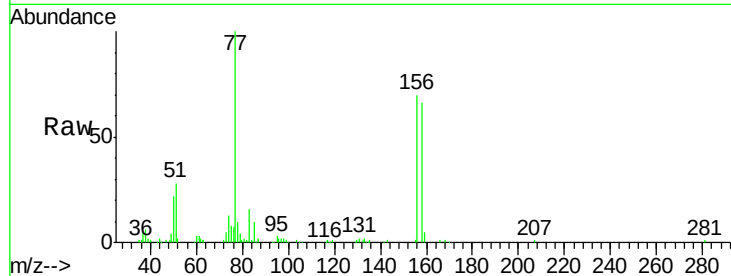
Tgt Ion:156 Resp: 17697

Ion Ratio Lower Upper

156 100

77 146.9 73.4 220.2

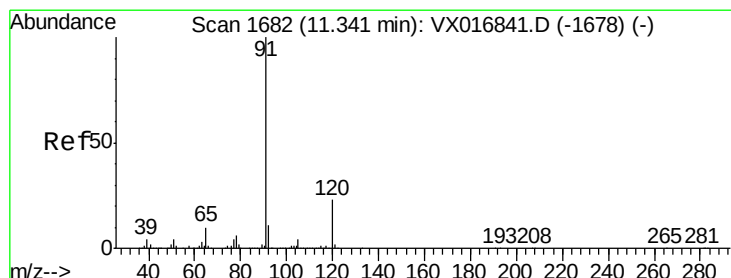
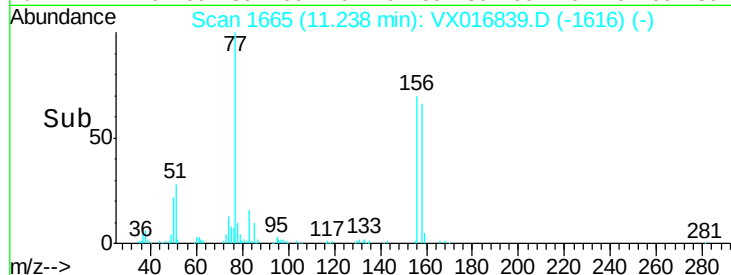
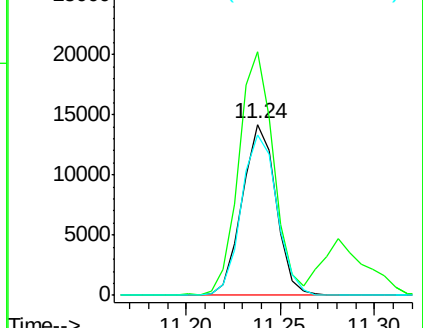
158 98.8 48.8 146.3



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: 5.000 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016839.D

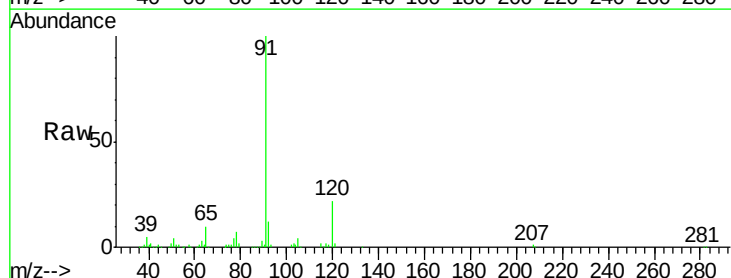
Acq: 18 Jun 2020 11:02

Tgt Ion: 91 Resp: 70019

Ion Ratio Lower Upper

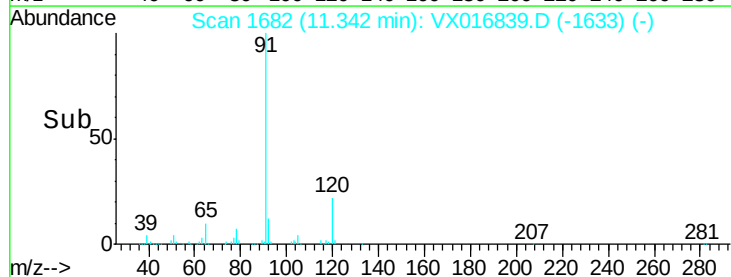
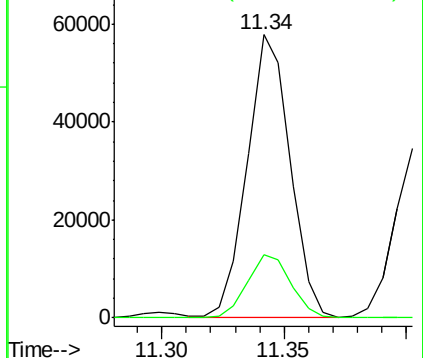
91 100

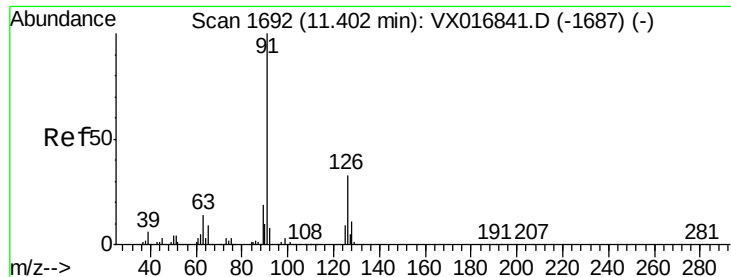
120 23.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.999 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

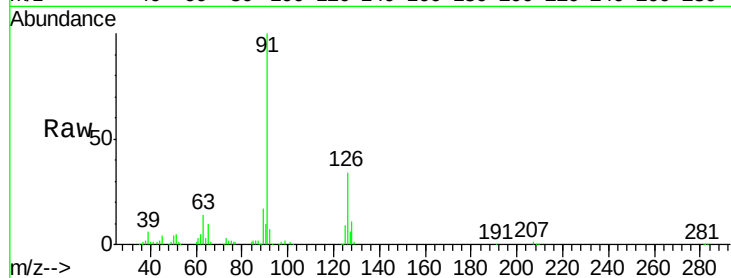
VSTDIC005

Tgt Ion: 91 Resp: 44180

Ion Ratio Lower Upper

91 100

126 34.3 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VX016839.D (-1643) (-)

Ion 125.90 (125.60 to 126.60): VX016839.D (-1643) (-)

60000

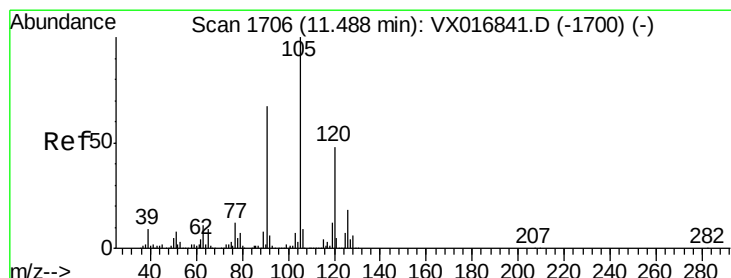
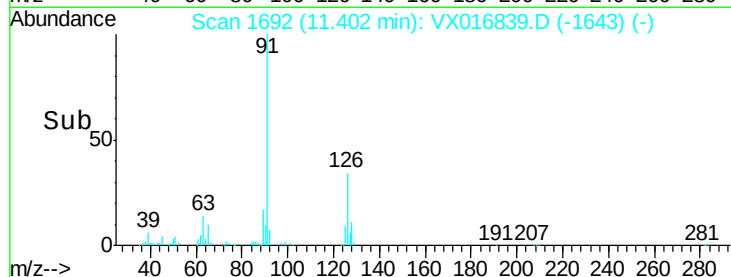
40000

20000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 5.104 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016839.D

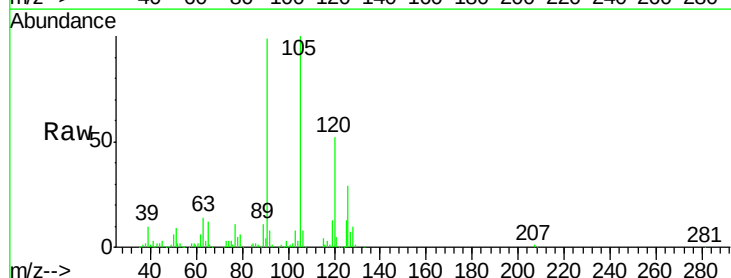
Acq: 18 Jun 2020 11:02

Tgt Ion: 105 Resp: 55157

Ion Ratio Lower Upper

105 100

120 51.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016839.D (-1657) (-)

Ion 120.00 (119.70 to 120.70): VX016839.D (-1657) (-)

50000

40000

30000

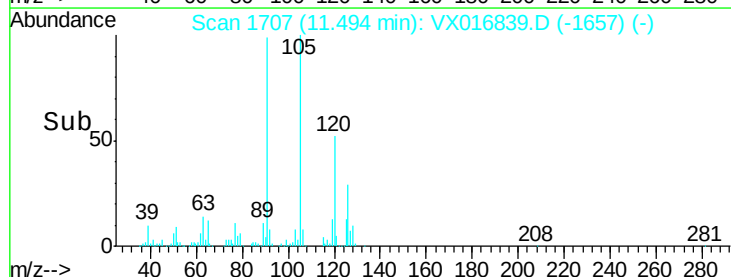
20000

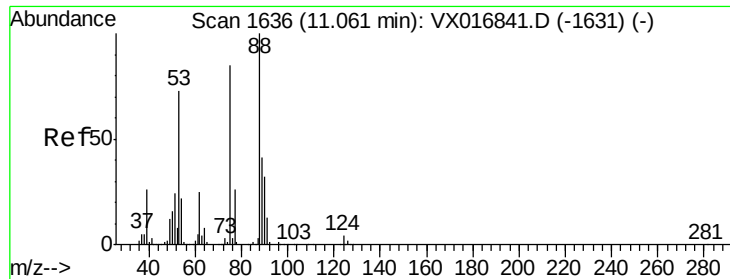
10000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 4.213 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

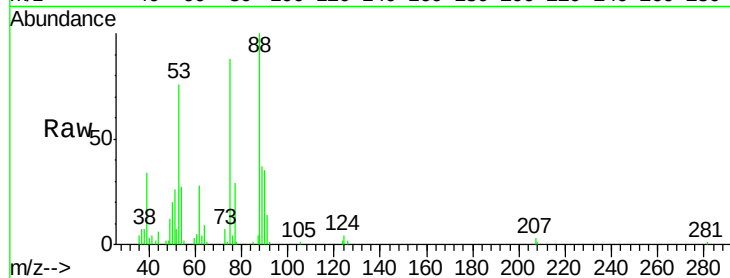
Tgt Ion: 75 Resp: 6740

Ion Ratio Lower Upper

75 100

53 90.7 69.8 104.8

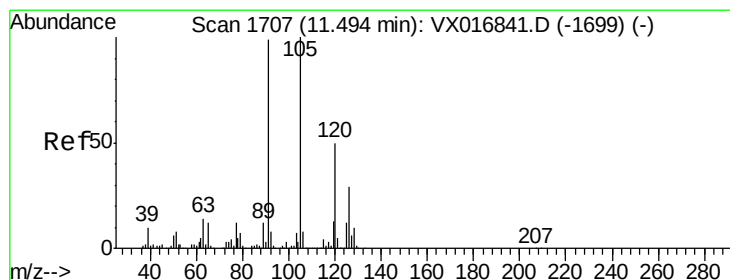
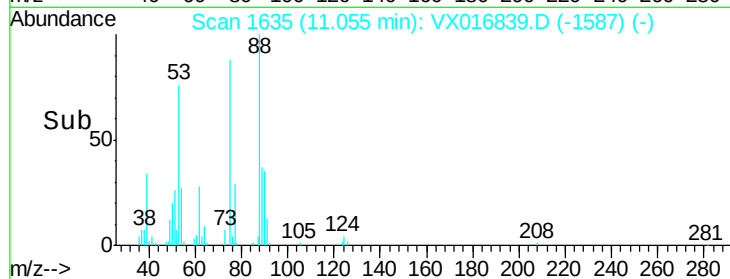
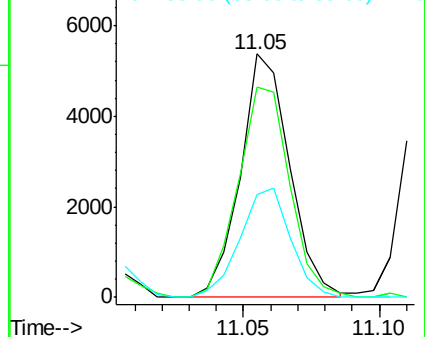
89 46.1 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 5.295 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016839.D

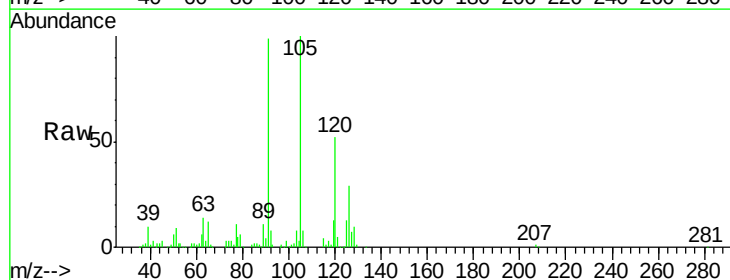
Acq: 18 Jun 2020 11:02

Tgt Ion: 91 Resp: 55015

Ion Ratio Lower Upper

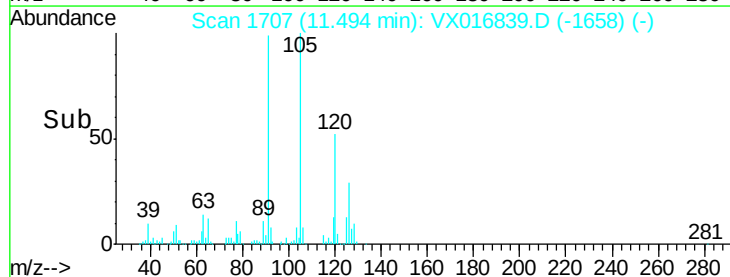
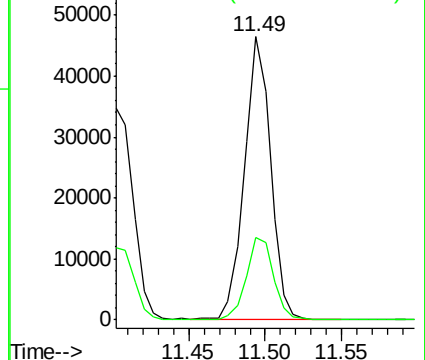
91 100

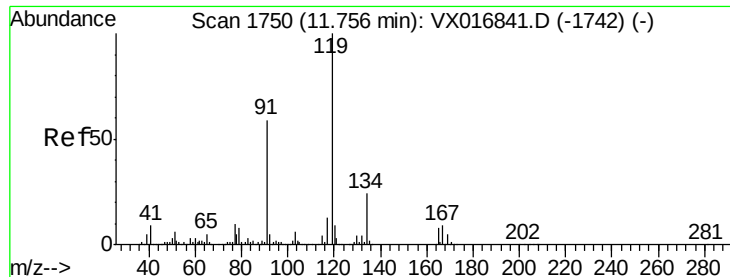
126 30.2 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

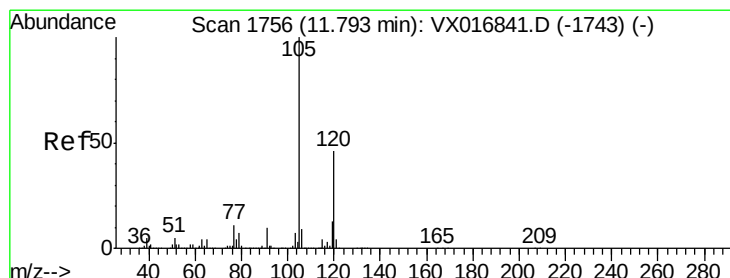
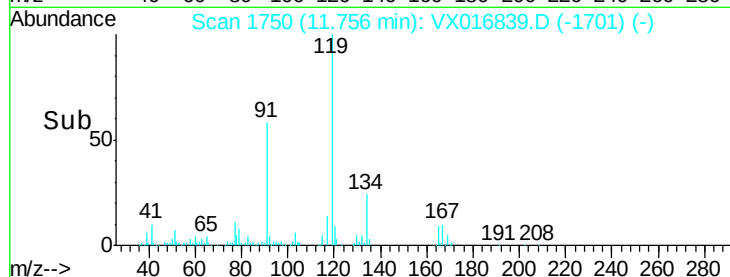
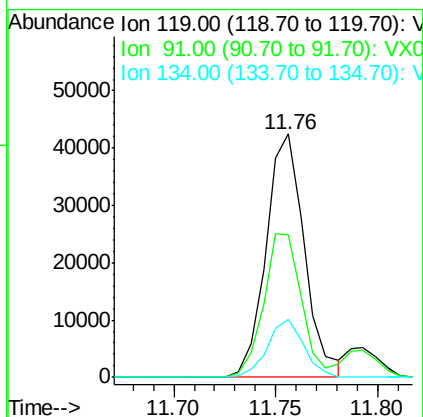
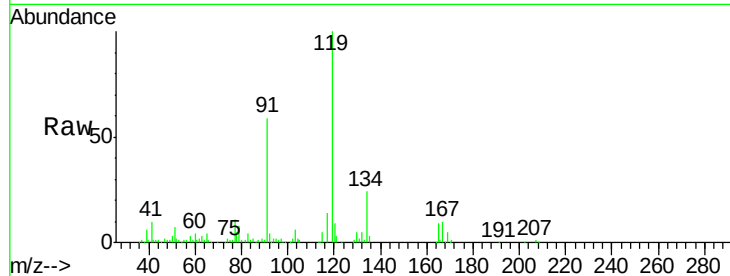




#83
 tert-Butylbenzene
 Concen: 5.594 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

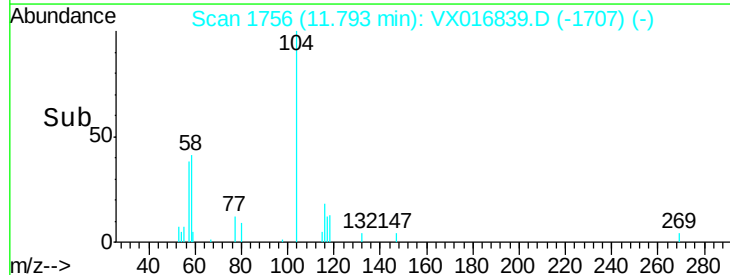
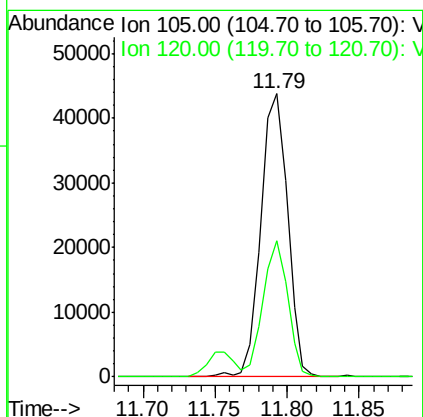
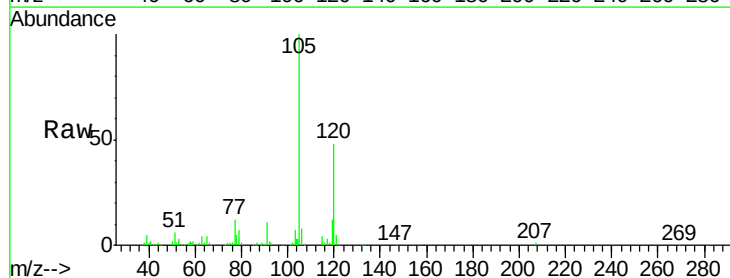
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

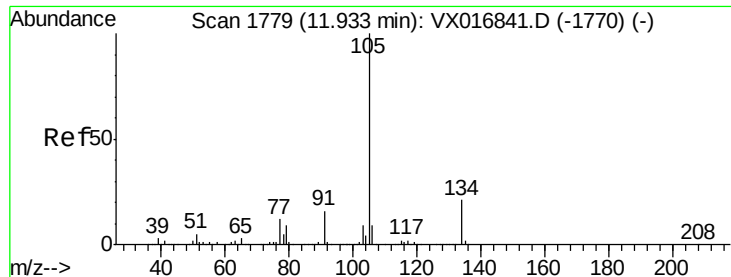
Tgt Ion:119 Resp: 55623
 Ion Ratio Lower Upper
 119 100
 91 57.9 28.5 85.5
 134 22.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 5.125 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

Tgt Ion:105 Resp: 56061
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 5.711 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

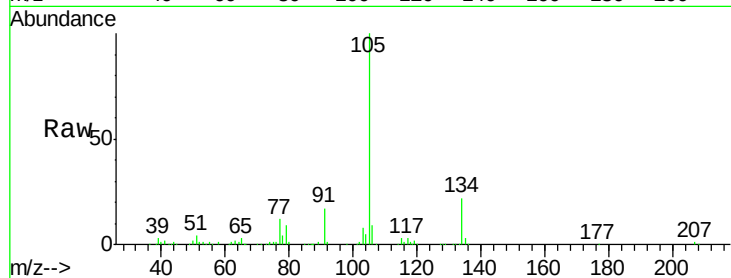
VSTDIC005

Tgt Ion:105 Resp: 66121

Ion Ratio Lower Upper

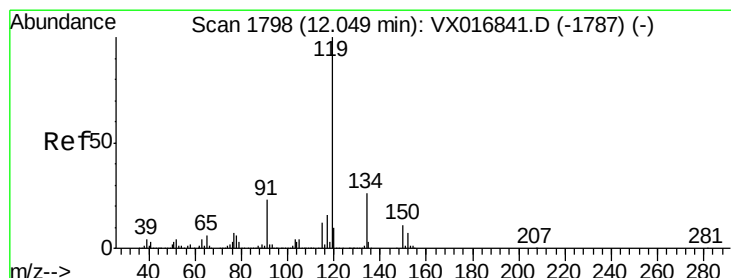
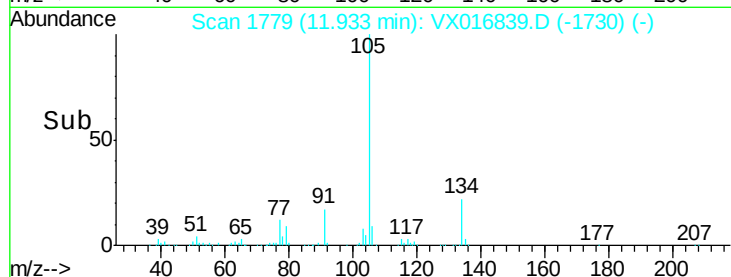
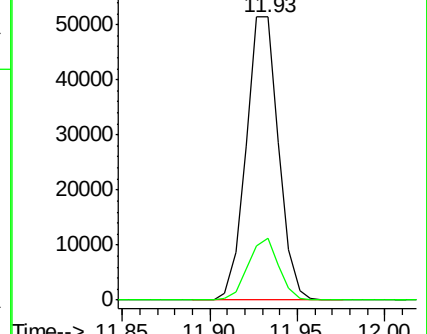
105 100

134 20.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.077 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

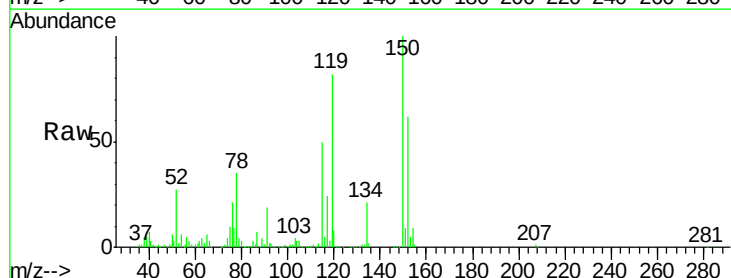
Tgt Ion:119 Resp: 56533

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

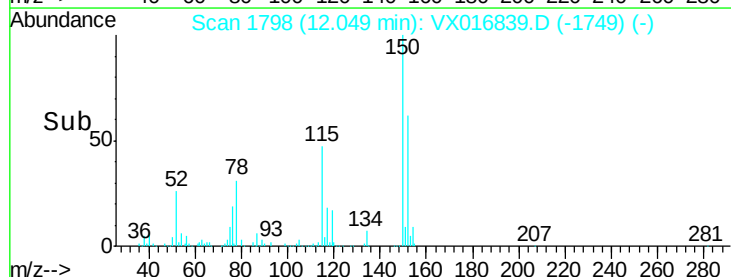
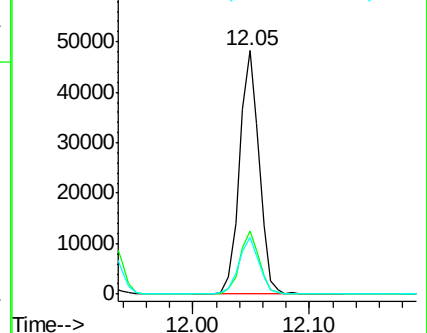
91 24.2 11.6 34.8

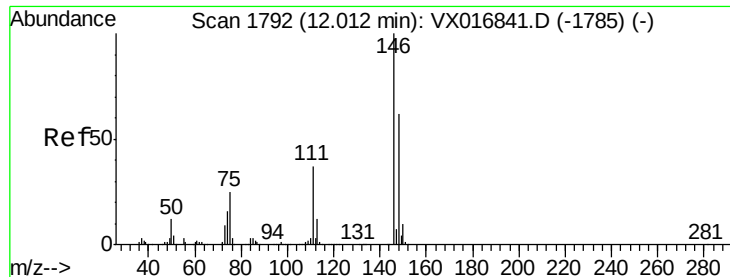


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 5.557 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

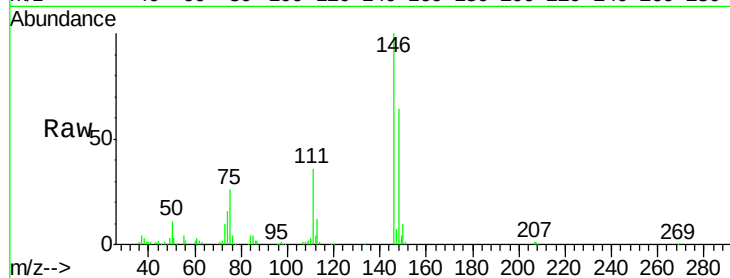
Tgt Ion:146 Resp: 34273

Ion Ratio Lower Upper

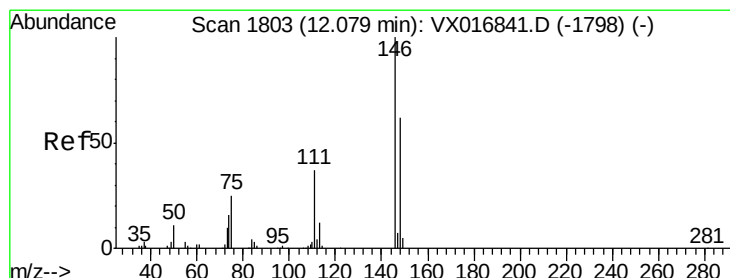
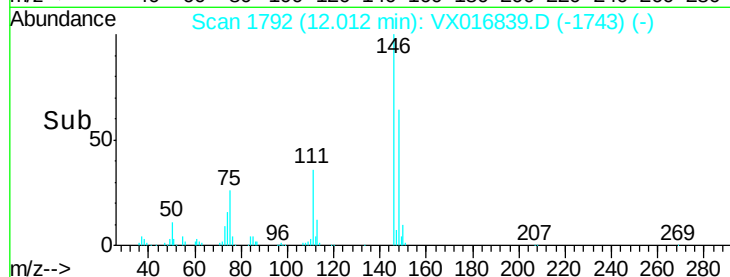
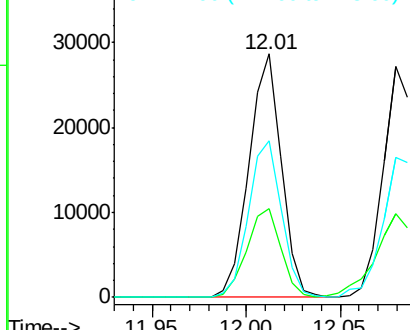
146 100

111 38.3 19.4 58.2

148 65.4 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 5.166 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

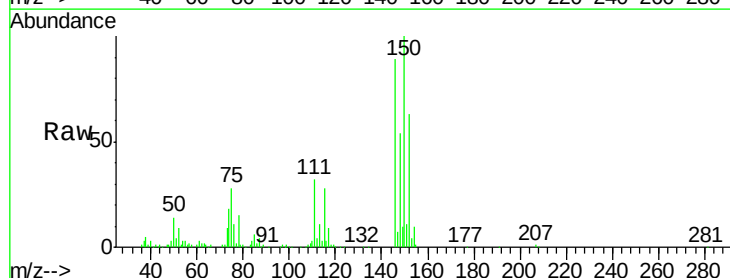
Tgt Ion:146 Resp: 32883

Ion Ratio Lower Upper

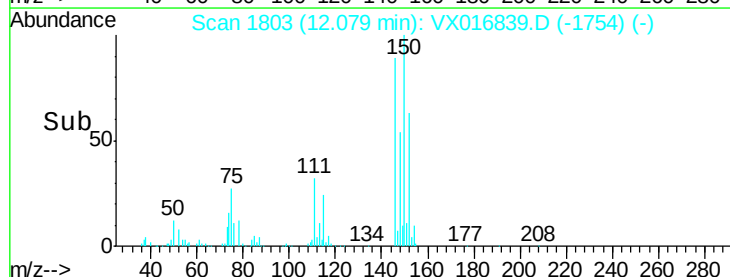
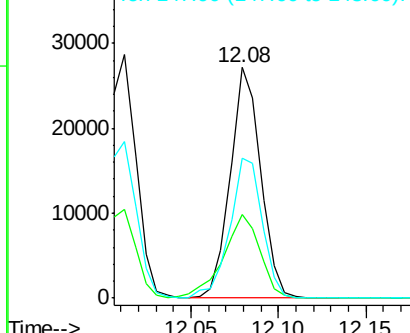
146 100

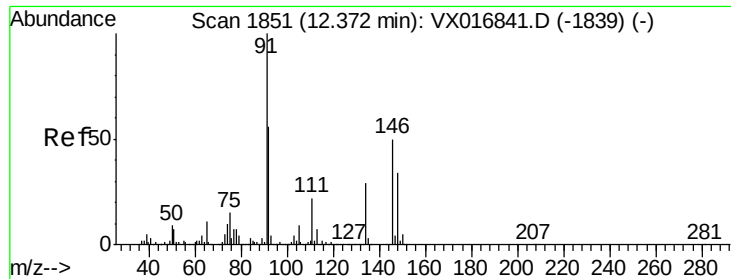
111 43.7 19.0 57.0

148 64.9 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

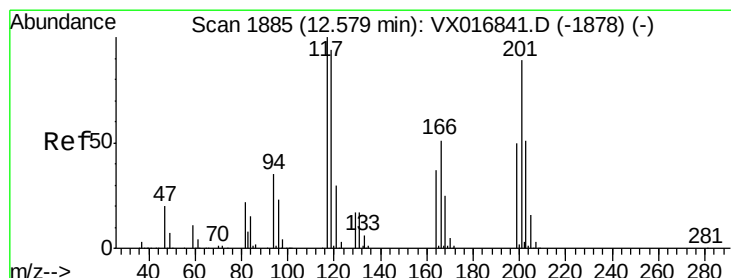
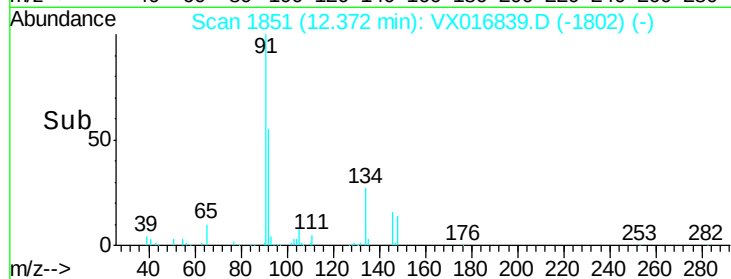
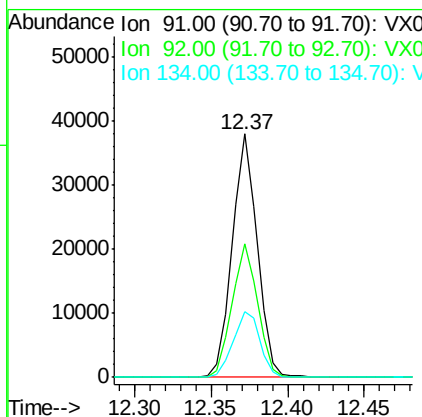
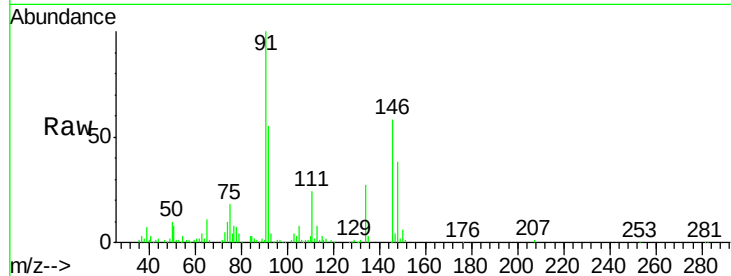




#89
n-Butylbenzene
Concen: 4.670 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

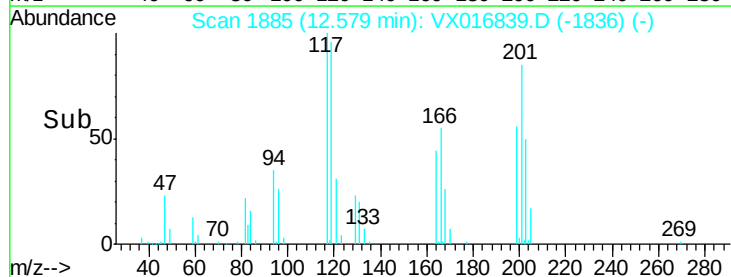
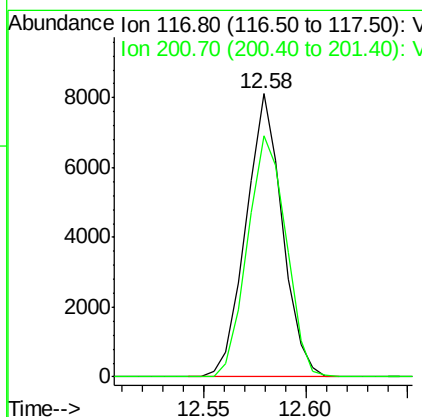
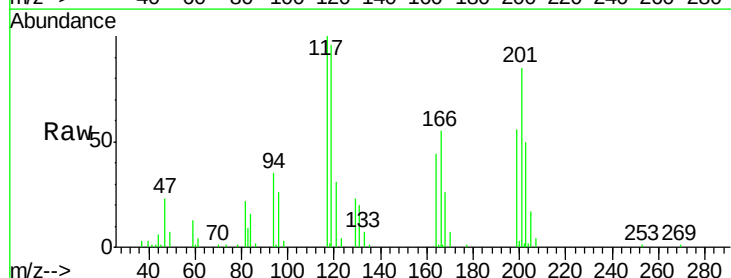
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

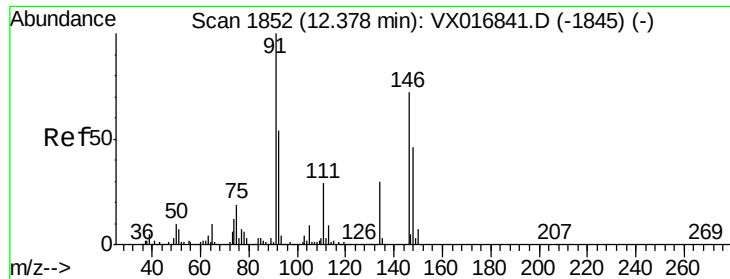
Tgt Ion: 91 Resp: 43088
Ion Ratio Lower Upper
91 100
92 55.7 27.4 82.2
134 28.9 13.9 41.6



#90
Hexachloroethane
Concen: 4.867 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion: 117 Resp: 10067
Ion Ratio Lower Upper
117 100
201 90.2 44.9 134.5

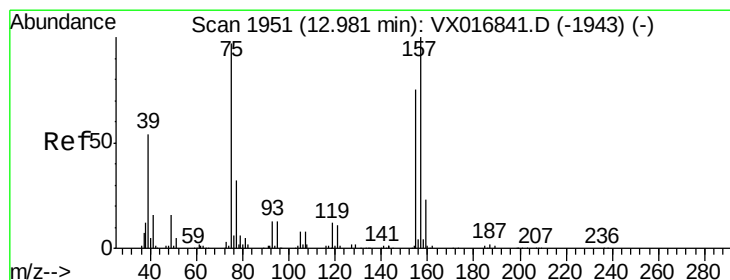
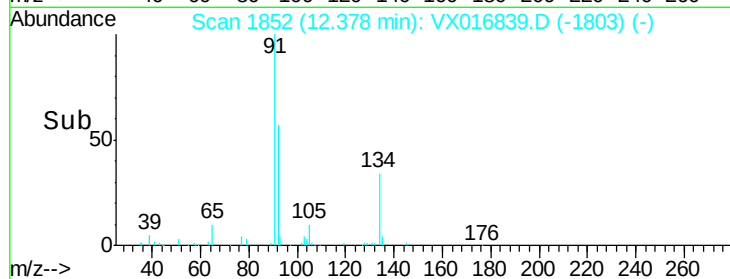
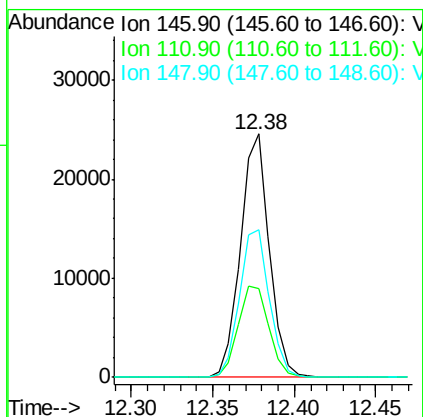
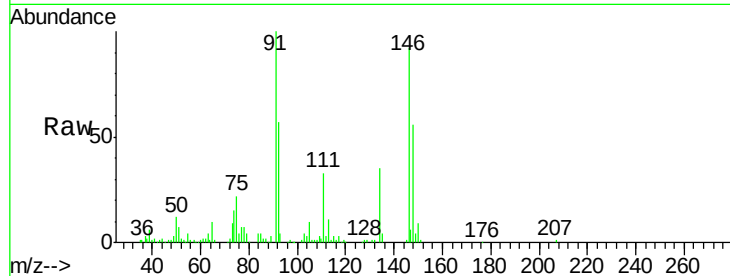




#91
 1,2-Dichlorobenzene
 Concen: 4.940 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

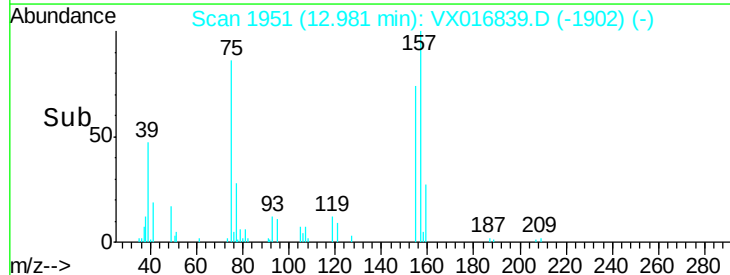
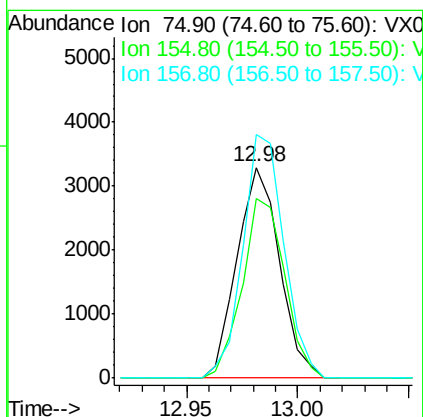
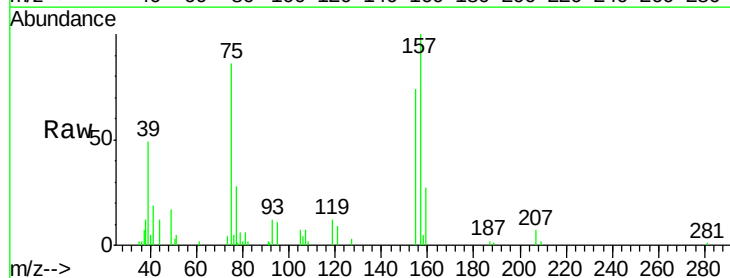
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

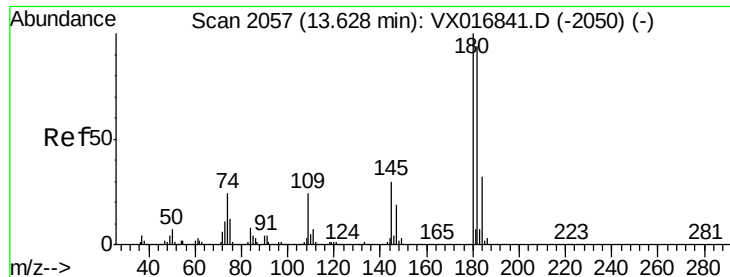
Tgt Ion: 146 Resp: 30229
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.9 62.7
 148 63.0 32.9 98.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.231 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

Tgt Ion: 75 Resp: 4385
 Ion Ratio Lower Upper
 75 100
 155 85.1 46.4 139.1
 157 112.2 58.6 175.8

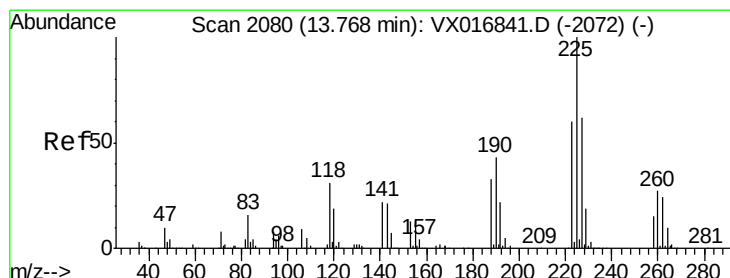
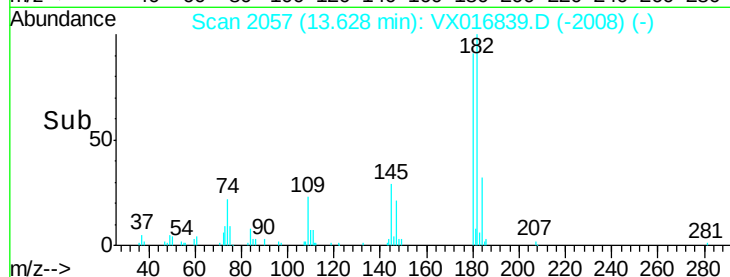
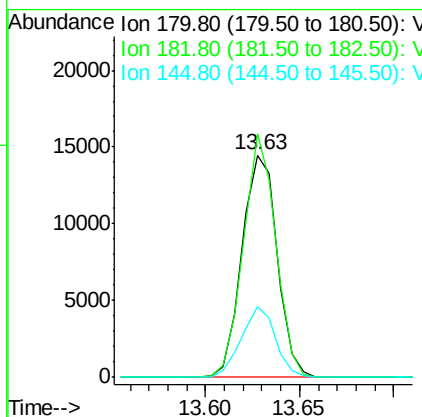
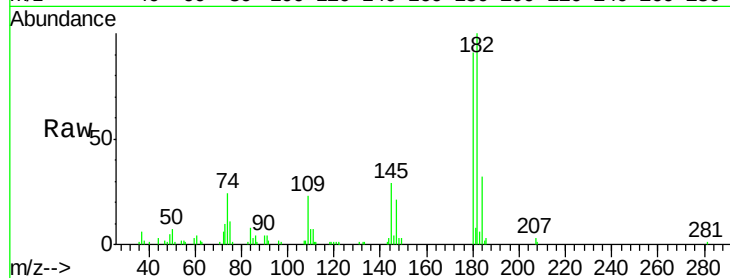




#93
 1,2,4-Trichlorobenzene
 Concen: 4.287 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

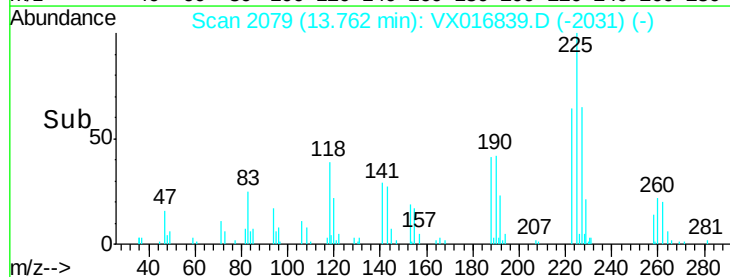
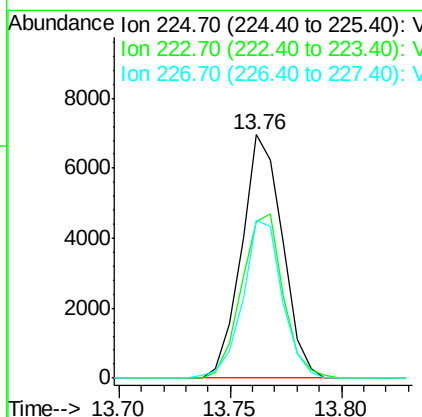
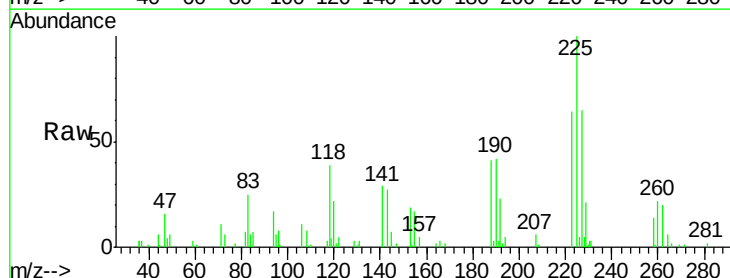
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

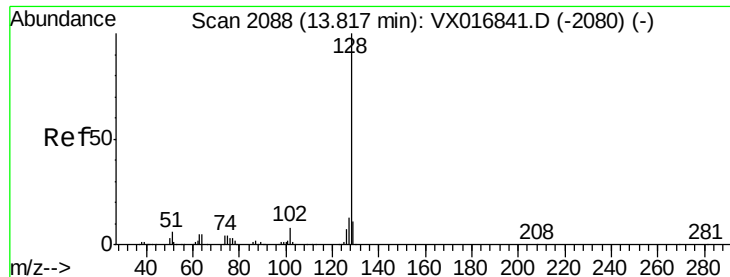
Tgt Ion:180 Resp: 18715
 Ion Ratio Lower Upper
 180 100
 182 101.2 47.7 143.1
 145 31.0 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 4.543 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

Tgt Ion:225 Resp: 8864
 Ion Ratio Lower Upper
 225 100
 223 68.7 32.1 96.5
 227 62.7 32.3 96.8

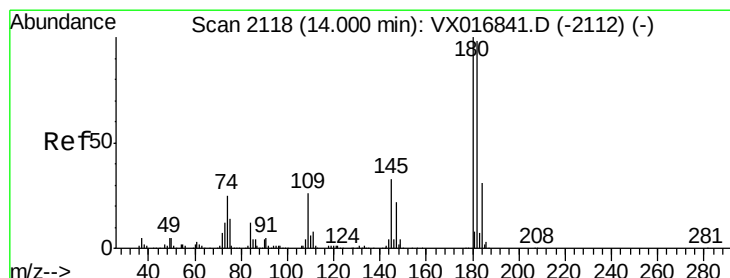
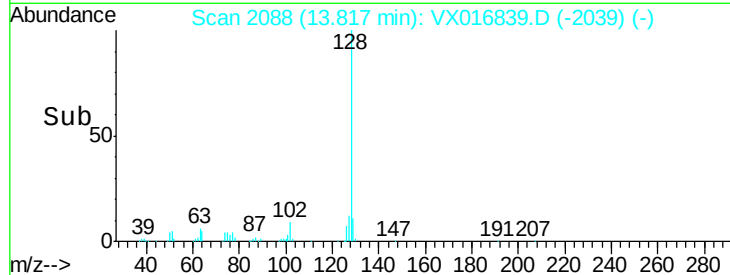
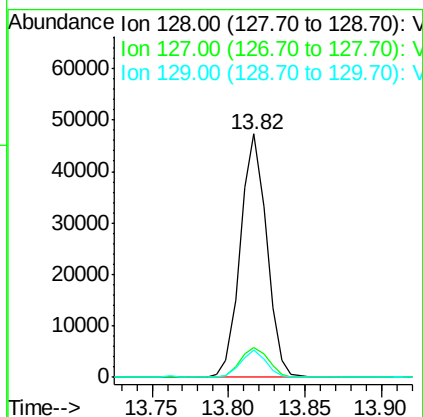
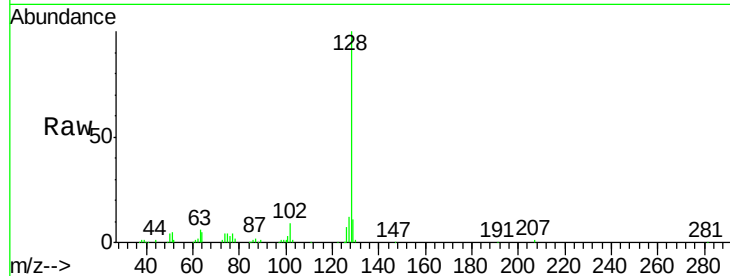




#95
Naphthalene
Concen: 4.220 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 56426
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.473 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion:180 Resp: 19411
Ion Ratio Lower Upper
180 100
182 95.0 47.4 142.3
145 32.1 16.0 48.0

