

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
 Data File : VX017332.D
 Acq On : 10 Jul 2020 14:00
 Operator : JC/SP
 Sample : VX0710WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 11 01:00:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	301587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	438498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	419077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227791	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	163679	44.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.04%	
35) Dibromofluoromethane	5.46	113	130938	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
50) Toluene-d8	8.70	98	463503	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	
62) 4-Bromofluorobenzene	11.12	95	186680	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	44804	15.356	ug/l	99
3) Chloromethane	1.31	50	47757	13.522	ug/l	100
4) Vinyl Chloride	1.39	62	49338	15.057	ug/l	98
5) Bromomethane	1.63	94	35345	20.417	ug/l	98
6) Chloroethane	1.71	64	33462	17.291	ug/l	98
7) Trichlorofluoromethane	1.92	101	91430	18.866	ug/l	99
8) Diethyl Ether	2.17	74	32200	19.969	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	51210	17.631	ug/l	97
10) Methyl Iodide	2.49	142	56101	14.969	ug/l	99
11) Tert butyl alcohol	3.01	59	61108	86.155	ug/l	98
12) 1,1-Dichloroethene	2.36	96	46192	15.481	ug/l	92
13) Acrolein	2.27	56	21210	50.024	ug/l	97
14) Allyl chloride	2.71	41	86832	15.747	ug/l	95
15) Acrylonitrile	3.12	53	149494	87.676	ug/l	99
16) Acetone	2.42	43	124494	89.509	ug/l	97
17) Carbon Disulfide	2.55	76	126025	15.152	ug/l	99
18) Methyl Acetate	2.75	43	67973	18.721	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	185178	18.492	ug/l	99
20) Methylene Chloride	2.83	84	59330	18.100	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	56130	16.951	ug/l	98
22) Diisopropyl ether	3.82	45	182025	17.835	ug/l	97
23) Vinyl Acetate	3.78	43	780688	89.017	ug/l	99
24) 1,1-Dichloroethane	3.67	63	99929	17.208	ug/l	99
25) 2-Butanone	4.64	43	200368	86.458	ug/l	99
26) 2,2-Dichloropropane	4.54	77	90785	17.607	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	63716	16.983	ug/l	98
28) Bromochloromethane	4.98	49	43143	15.267	ug/l	96
29) Tetrahydrofuran	5.09	42	128532	83.940	ug/l	98
30) Chloroform	5.17	83	106833	17.946	ug/l	96
31) Cyclohexane	5.55	56	77658	15.471	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	99029	18.063	ug/l	100
36) 1,1-Dichloropropene	5.76	75	75348	18.181	ug/l	97
37) Ethyl Acetate	4.79	43	81003	19.264	ug/l	99
38) Carbon Tetrachloride	5.75	117	89583	19.625	ug/l	99

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 Sample : VX0710WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 11 01:00:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	81571	17.690	ug/l	99
40) Benzene	6.11	78	221710	18.208	ug/l	97
41) Methacrylonitrile	5.00	41	45012	19.020	ug/l	98
42) 1,2-Dichloroethane	6.16	62	89692	20.392	ug/l	100
43) Isopropyl Acetate	6.41	43	130716	18.708	ug/l	99
44) Trichloroethene	7.19	130	66717	19.667	ug/l	99
45) 1,2-Dichloropropane	7.49	63	57923	18.520	ug/l	97
46) Dibromomethane	7.63	93	42872	20.079	ug/l	98
47) Bromodichloromethane	7.87	83	87159	19.808	ug/l	97
48) Methyl methacrylate	7.74	41	63423	19.105	ug/l	98
49) 1,4-Dioxane	7.71	88	26557	353.127	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	407574	97.854	ug/l	100
52) Toluene	8.76	92	146007	19.205	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	94458	19.456	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	99937	19.202	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	61281	19.729	ug/l	97
56) Ethyl methacrylate	9.16	69	86072	19.469	ug/l	98
57) 1,3-Dichloropropane	9.35	76	101547	19.320	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	197956	89.967	ug/l	98
59) 2-Hexanone	9.47	43	302384	99.405	ug/l	99
60) Dibromochloromethane	9.56	129	74864	20.751	ug/l	98
61) 1,2-Dibromoethane	9.65	107	66371	19.879	ug/l	100
64) Tetrachloroethene	9.32	164	69117	20.435	ug/l	96
65) Chlorobenzene	10.12	112	162918	18.836	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	66463	19.938	ug/l	98
67) Ethyl Benzene	10.23	91	273027	18.901	ug/l	98
68) m/p-Xylenes	10.34	106	214867	38.741	ug/l	100
69) o-Xylene	10.68	106	99662	18.889	ug/l	99
70) Styrene	10.70	104	179617	19.991	ug/l	99
71) Bromoform	10.84	173	56471	21.363	ug/l #	99
73) Isopropylbenzene	11.00	105	278876	18.691	ug/l	99
74) N-amyl acetate	10.88	43	112134	17.613	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	86563	18.444	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	109262	24.392	ug/l	86
77) Bromobenzene	11.24	156	77999	19.021	ug/l	97
78) n-propylbenzene	11.34	91	314546	18.642	ug/l	99
79) 2-Chlorotoluene	11.40	91	193186	18.918	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	240800	19.457	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	31119	17.991	ug/l	95
82) 4-Chlorotoluene	11.49	91	232245	19.025	ug/l	99
83) tert-Butylbenzene	11.76	119	228338	18.795	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	245119	19.523	ug/l	100
85) sec-Butylbenzene	11.93	105	268505	18.802	ug/l	99
86) p-Isopropyltoluene	12.05	119	259768	19.539	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	140656	18.886	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	141886	20.087	ug/l	99
89) n-Butylbenzene	12.37	91	216607	18.247	ug/l	99
90) Hexachloroethane	12.58	117	47375	18.070	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	133687	19.203	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20063	17.919	ug/l	99

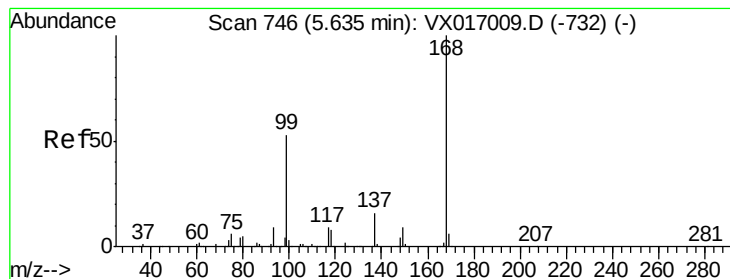
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
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ClientSampleId :

Quant Time: Jul 11 01:00:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	92893	19.550	ug/l	99
94) Hexachlorobutadiene	13.77	225	36099	20.524	ug/l	99
95) Naphthalene	13.82	128	269994	18.690	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	89626	19.490	ug/l	99

(#) = 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. -0.01 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

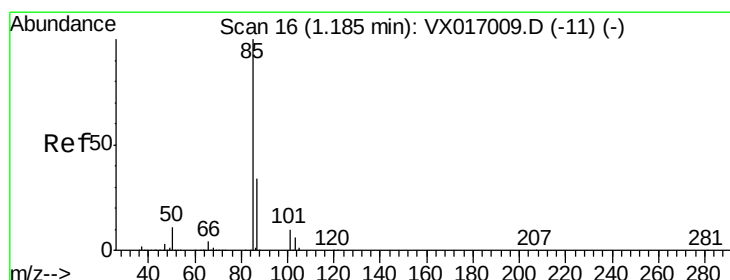
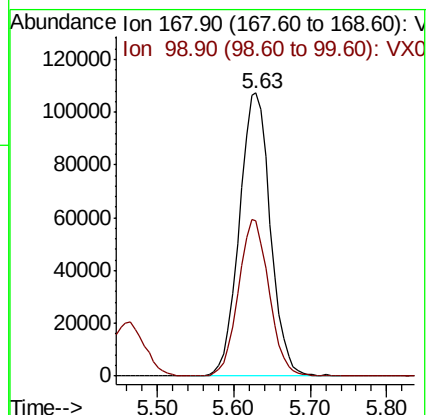
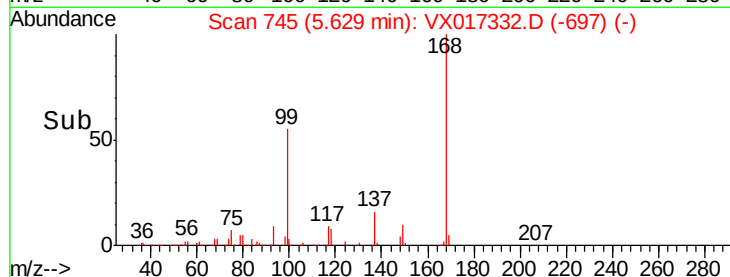
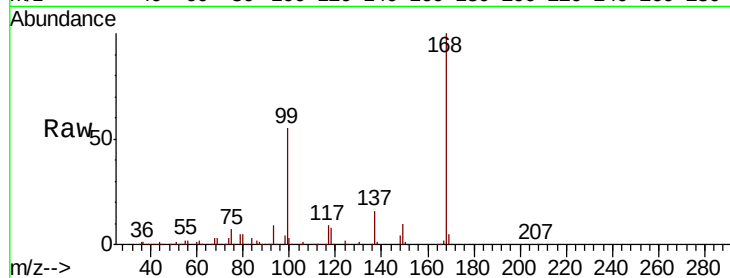
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 301587

Ion Ratio Lower Upper

168 100

99 54.8 42.6 64.0



#2

Dichlorodifluoromethane

Concen: 15.356 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017332.D

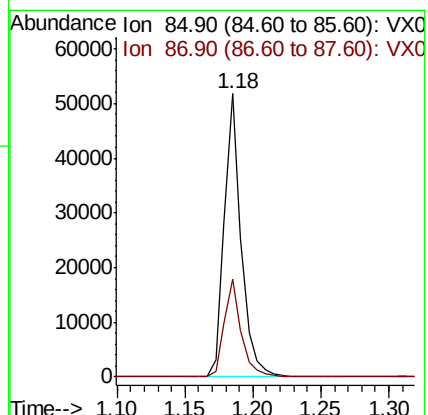
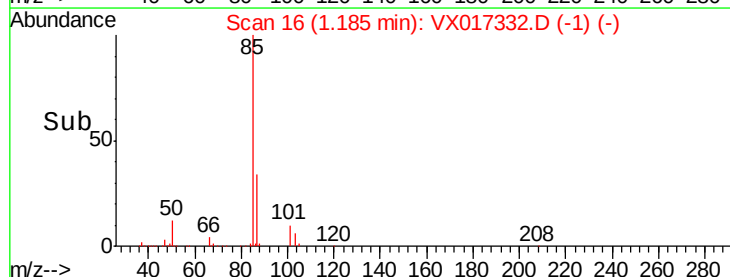
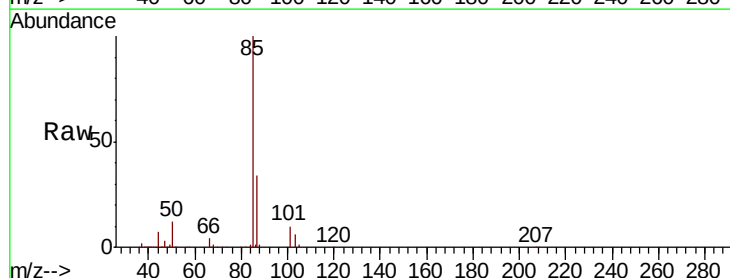
Acq: 10 Jul 2020 14:00

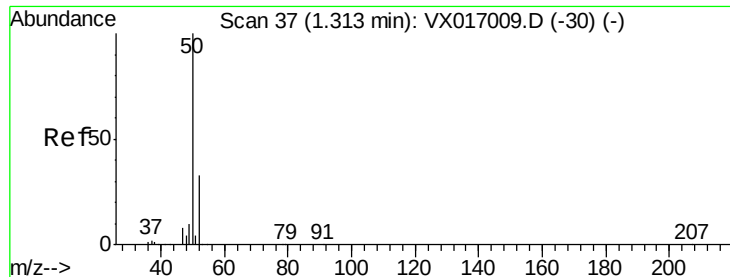
Tgt Ion: 85 Resp: 44804

Ion Ratio Lower Upper

85 100

87 34.3 16.8 50.4





#3

Chloromethane

Concen: 13.522 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Instrument :

MSVOA_X

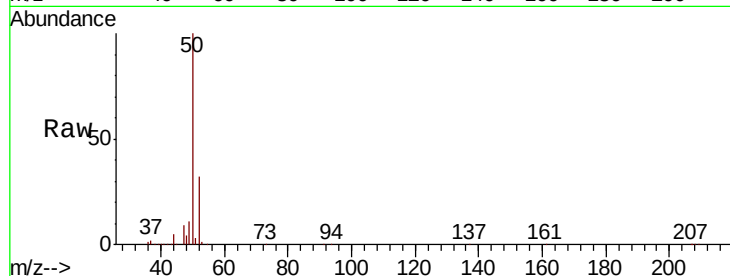
ClientSampleId :

Tot Ion: 50 Resp: 47757

Ion Ratio Lower Upper

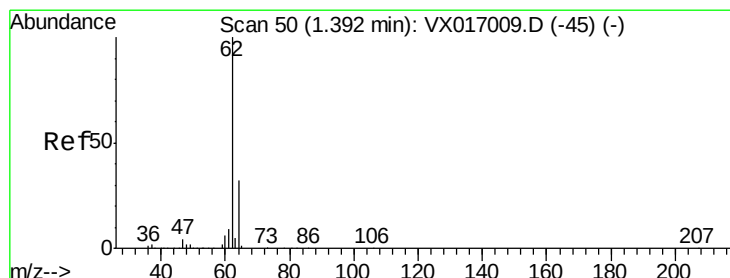
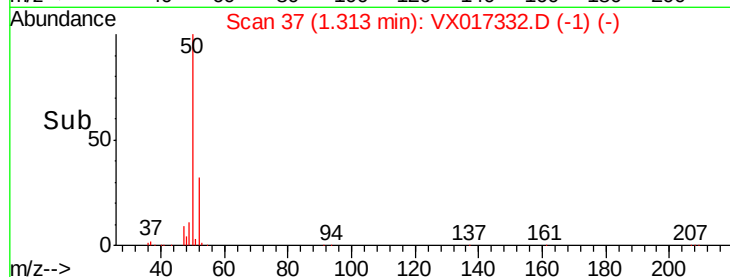
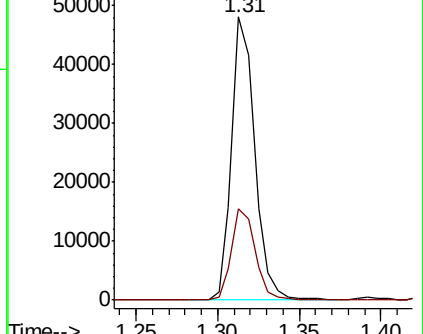
50 100

52 32.5 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 15.057 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017332.D

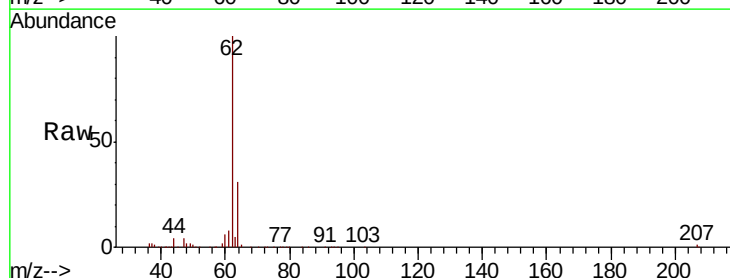
Acq: 10 Jul 2020 14:00

Tgt Ion: 62 Resp: 49338

Ion Ratio Lower Upper

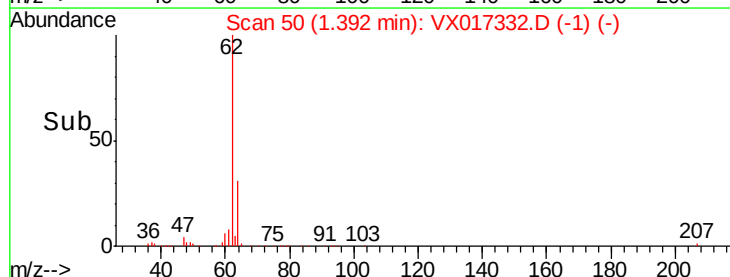
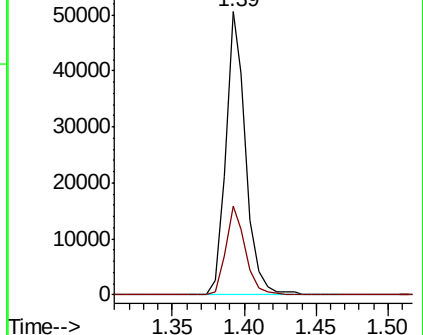
62 100

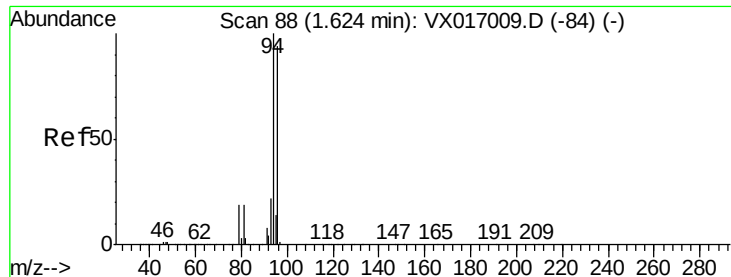
64 31.3 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.417 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Instrument :

MSVOA_X

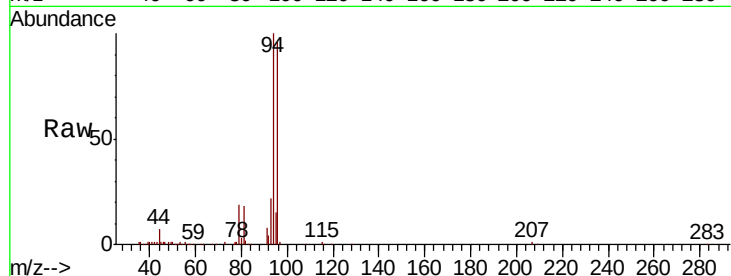
ClientSampleId :

Tot Ion: 94 Resp: 35345

Ion Ratio Lower Upper

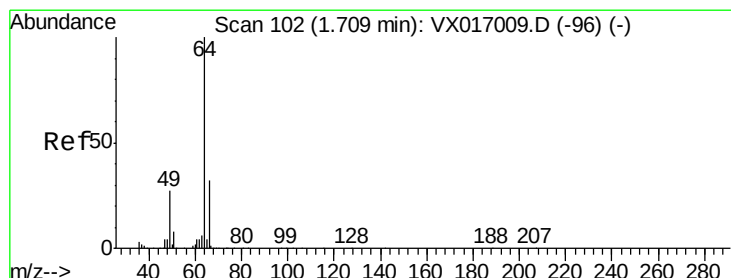
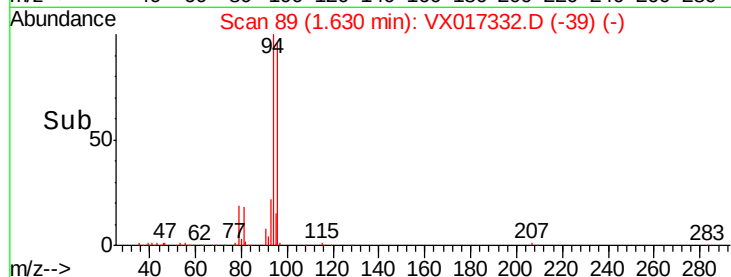
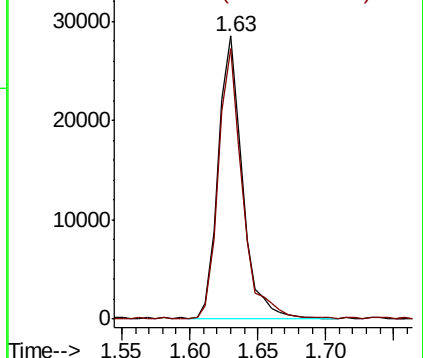
94 100

96 95.4 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.291 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017332.D

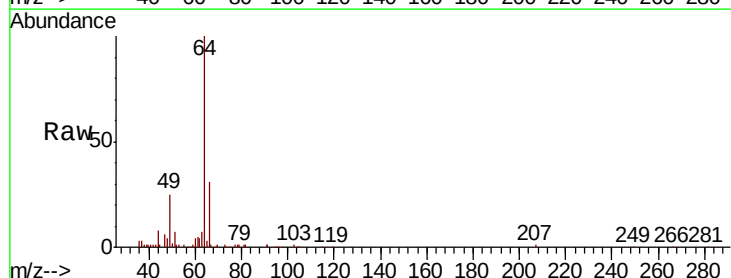
Acq: 10 Jul 2020 14:00

Tgt Ion: 64 Resp: 33462

Ion Ratio Lower Upper

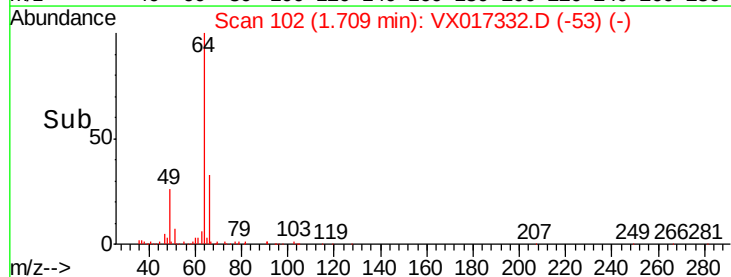
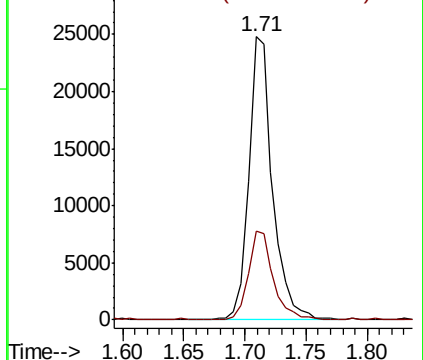
64 100

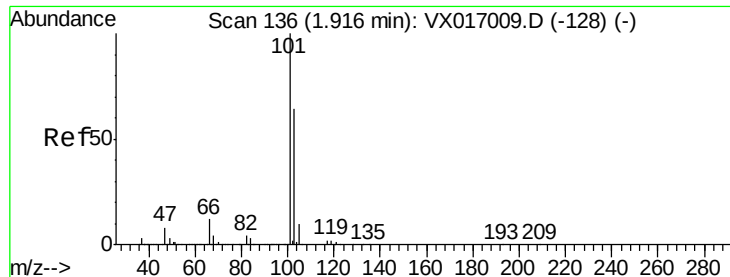
66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



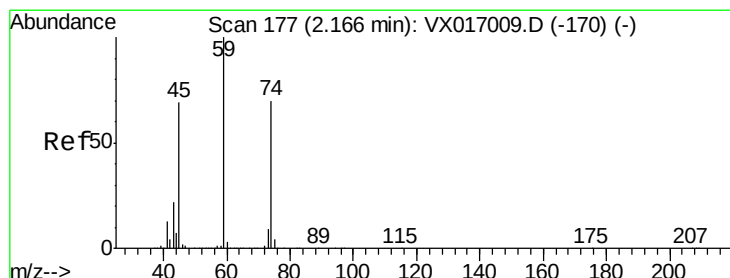
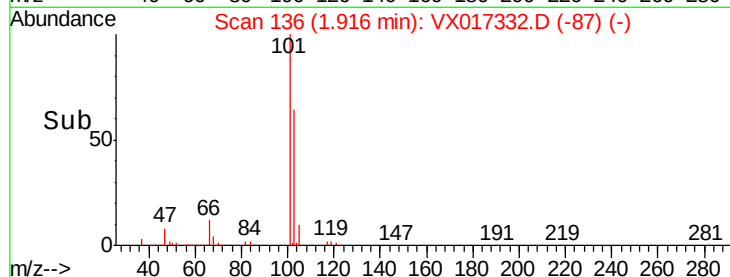
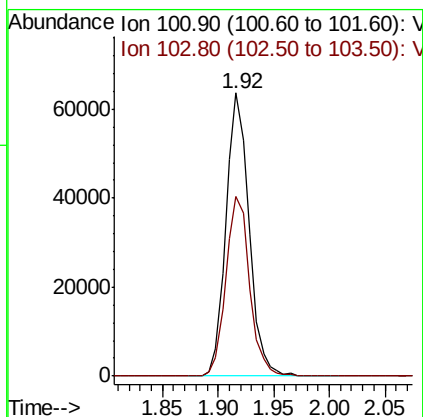
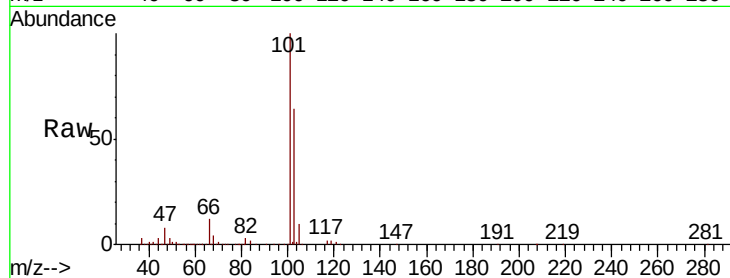


#7

Trichlorofluoromethane
 Concen: 18.866 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017332.D
 Acq: 10 Jul 2020 14:00

Instrument :
 MSVOA_X
 ClientSampleId :

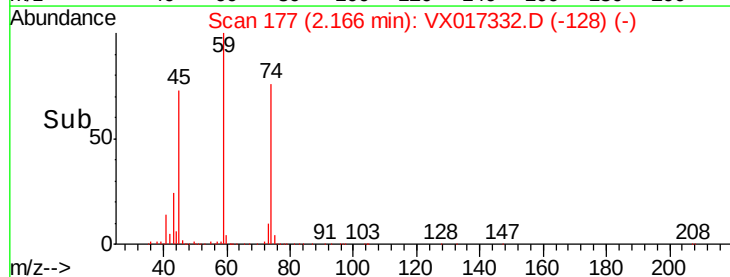
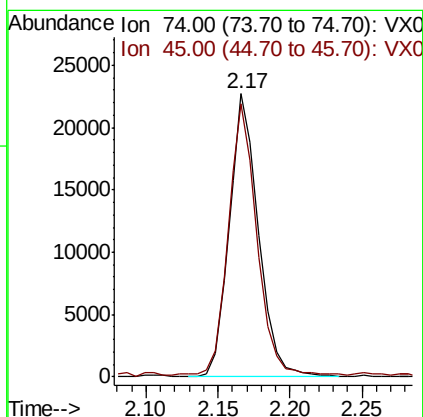
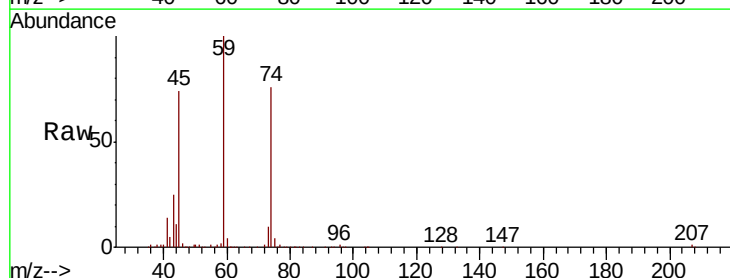
Tot Ion:101 Resp: 91430
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.5 77.3

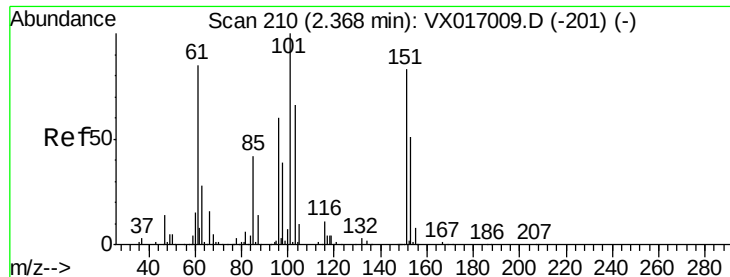


#8

Diethyl Ether
 Concen: 19.969 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017332.D
 Acq: 10 Jul 2020 14:00

Tgt Ion: 74 Resp: 32200
 Ion Ratio Lower Upper
 74 100
 45 94.8 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.631 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

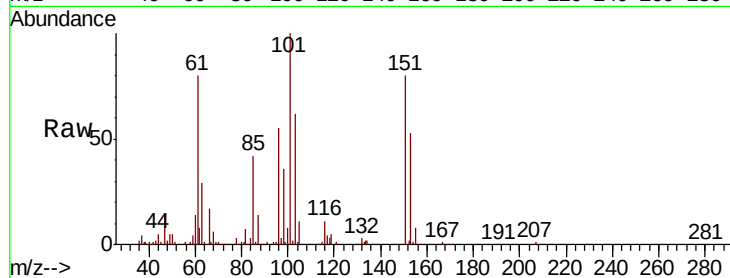
Tot Ion:101 Resp: 51210

Ion Ratio Lower Upper

101 100

85 43.0 33.5 50.3

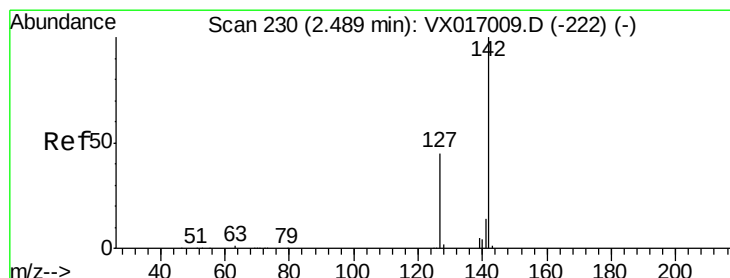
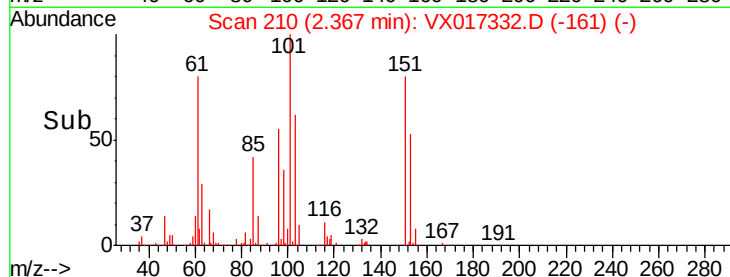
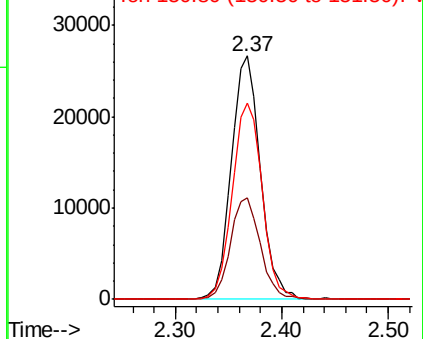
151 82.9 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.969 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

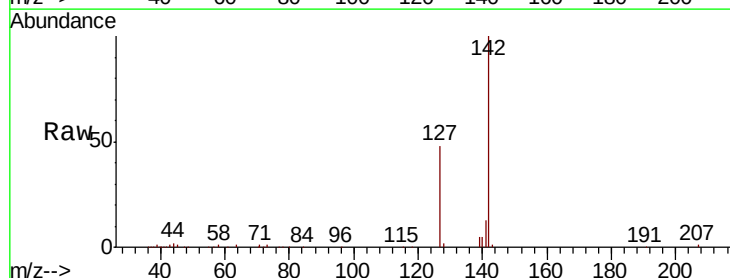
Tgt Ion:142 Resp: 56101

Ion Ratio Lower Upper

142 100

127 46.3 36.6 54.8

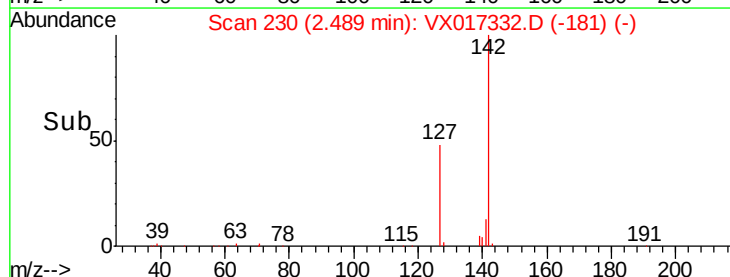
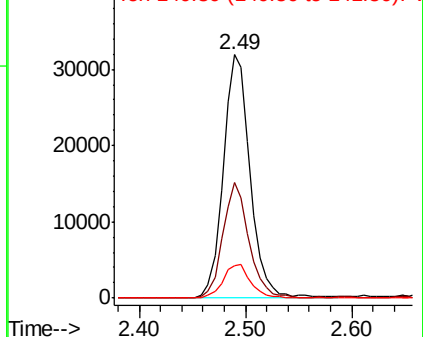
141 14.1 11.6 17.4

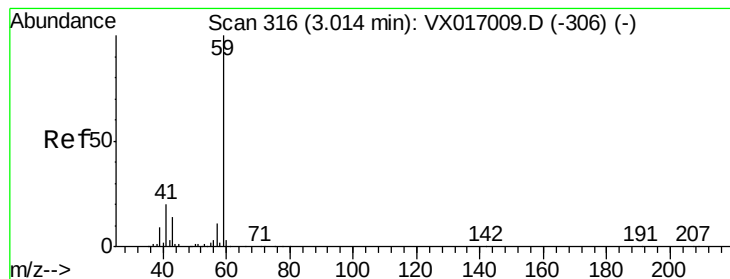


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



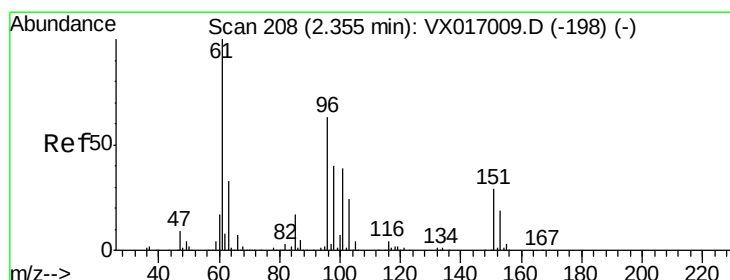
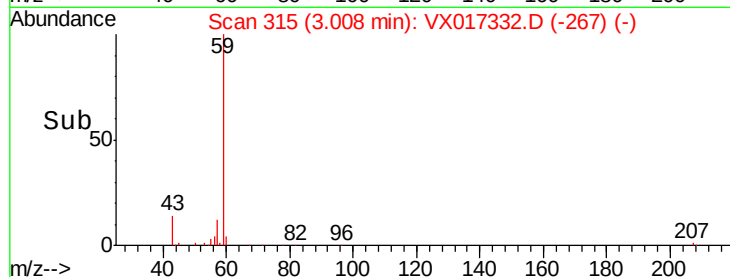
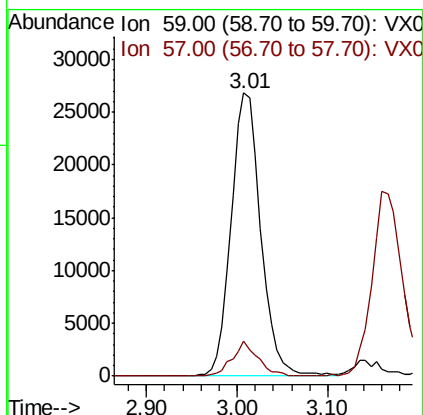
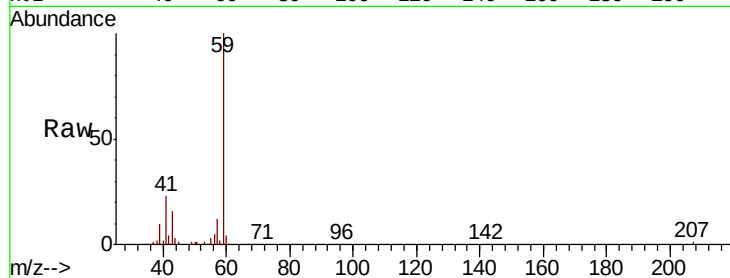


#11

Tert butyl alcohol
Concen: 86.155 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :

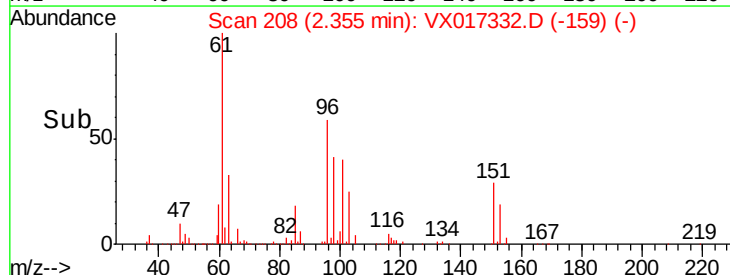
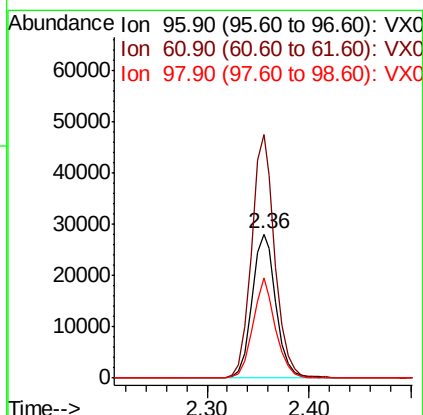
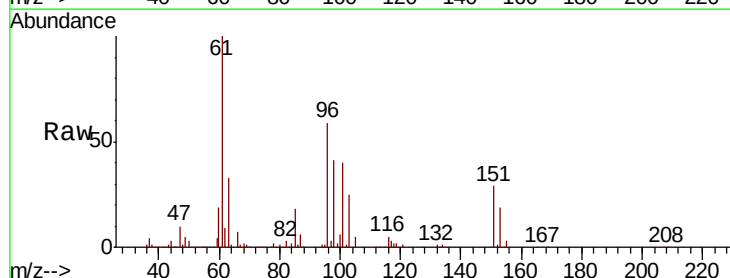
Tot Ion: 59 Resp: 61108
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2

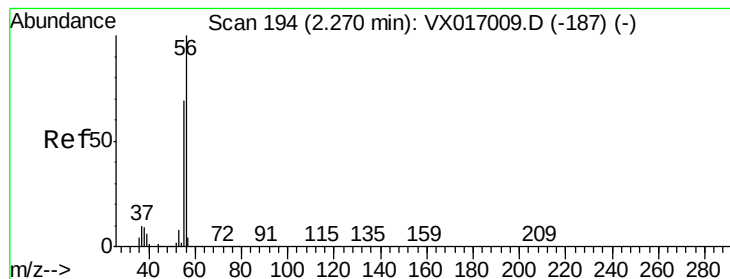


#12

1,1-Dichloroethene
Concen: 15.481 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

Tgt Ion: 96 Resp: 46192
Ion Ratio Lower Upper
96 100
61 168.7 126.3 189.5
98 69.6 51.0 76.6





#13

Acrolein

Concen: 50.024 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

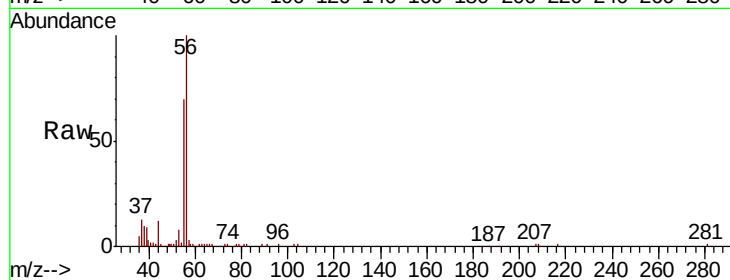
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 21210

Ion Ratio Lower Upper

56 100

55 72.1 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

15000

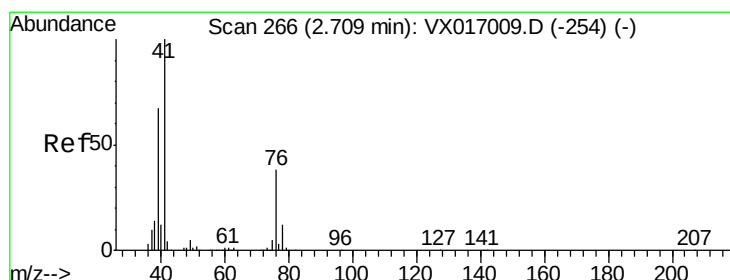
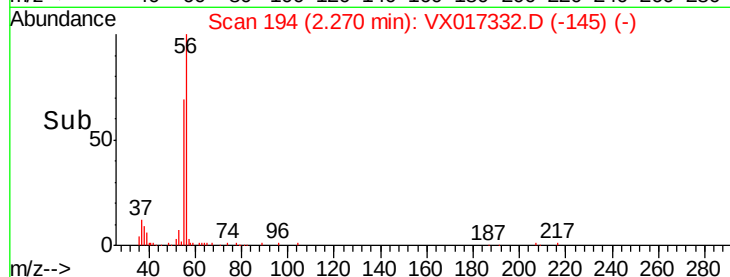
10000

5000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 15.747 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

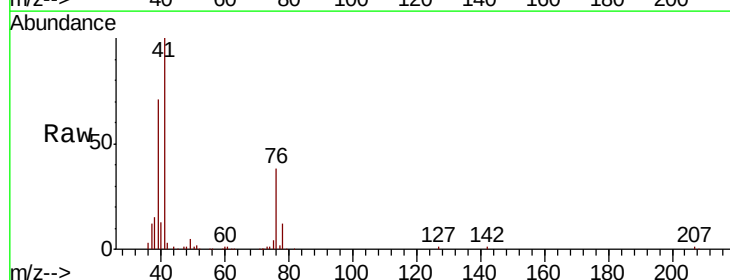
Tgt Ion: 41 Resp: 86832

Ion Ratio Lower Upper

41 100

39 66.0 49.4 74.2

76 35.2 26.8 40.2



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

60000

50000

40000

30000

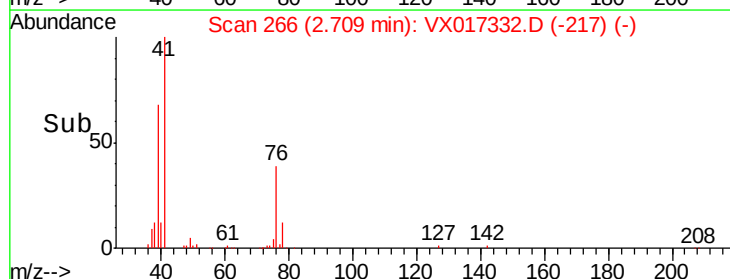
20000

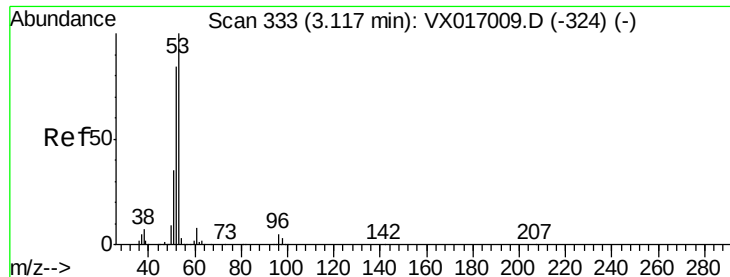
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 87.676 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

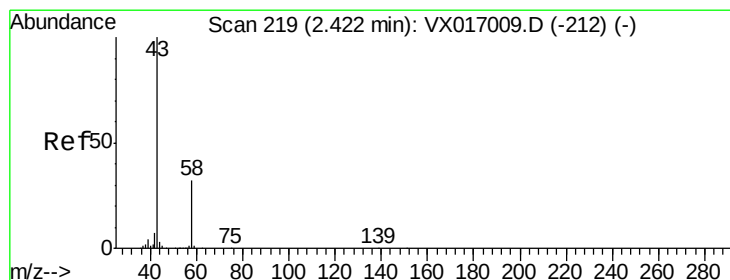
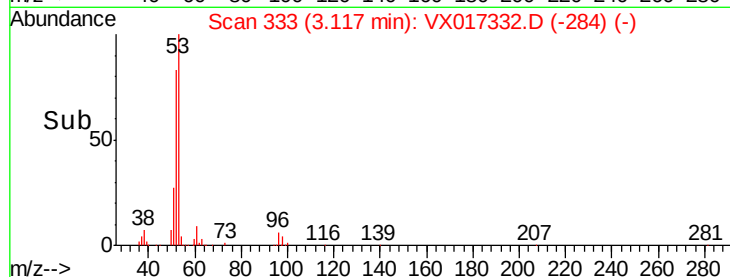
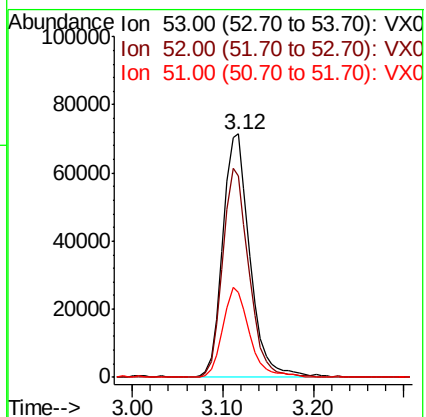
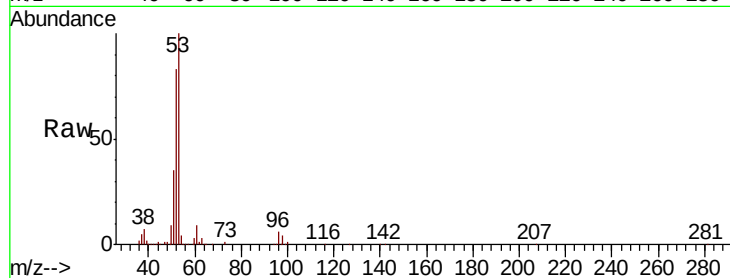
Tot Ion: 53 Resp: 149494

Ion Ratio Lower Upper

53 100

52 82.9 65.6 98.4

51 36.4 28.3 42.5



#16

Acetone

Concen: 89.509 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017332.D

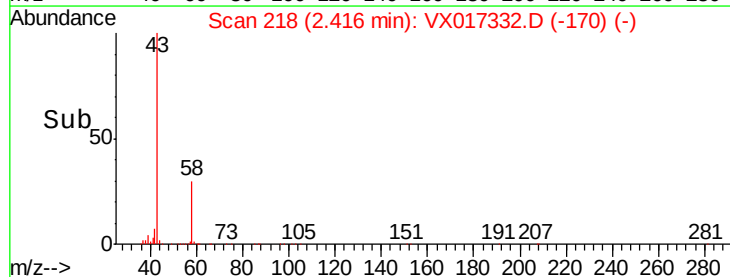
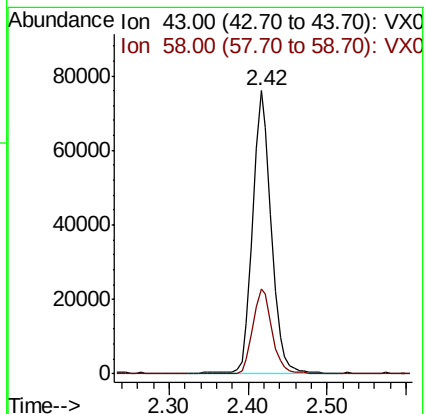
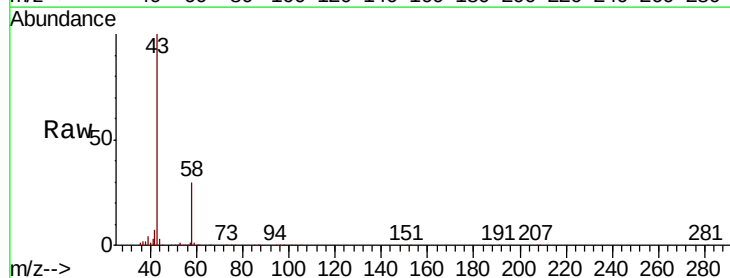
Acq: 10 Jul 2020 14:00

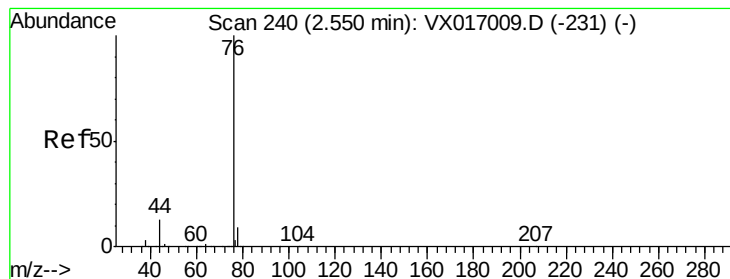
Tgt Ion: 43 Resp: 124494

Ion Ratio Lower Upper

43 100

58 30.3 25.7 38.5





#17

Carbon Disulfide

Concen: 15.152 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Instrument :

MSVOA_X

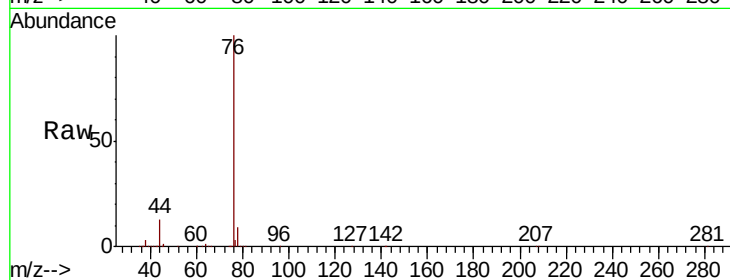
ClientSampleId :

Tot Ion: 76 Resp: 126025

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

80000

60000

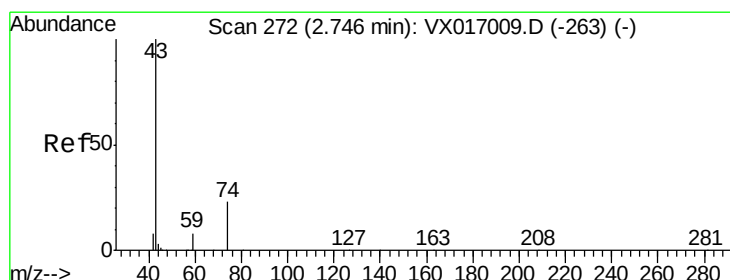
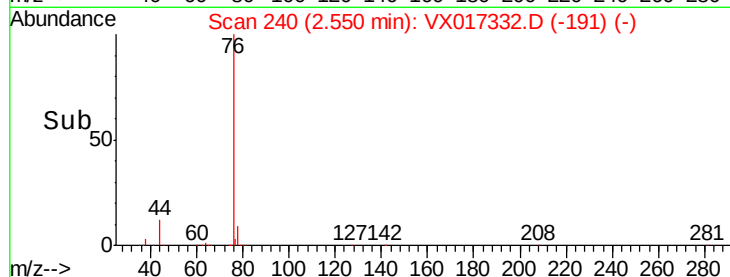
40000

20000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 18.721 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX017332.D

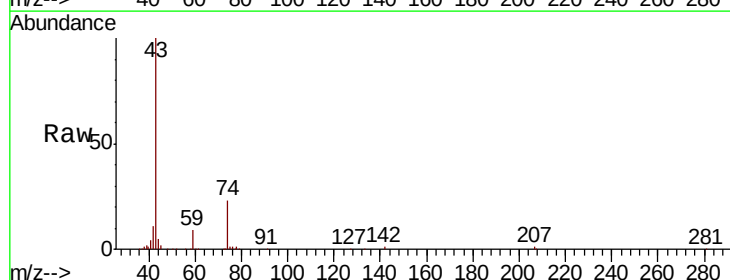
Acq: 10 Jul 2020 14:00

Tgt Ion: 43 Resp: 67973

Ion Ratio Lower Upper

43 100

74 24.2 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

40000

30000

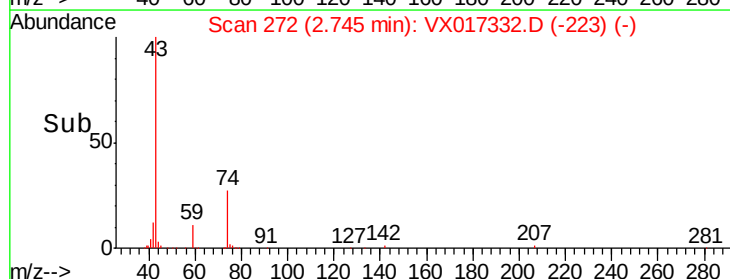
20000

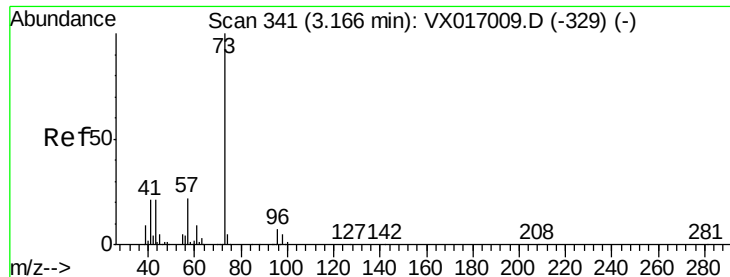
10000

0

Time-->

2.70 2.75 2.80



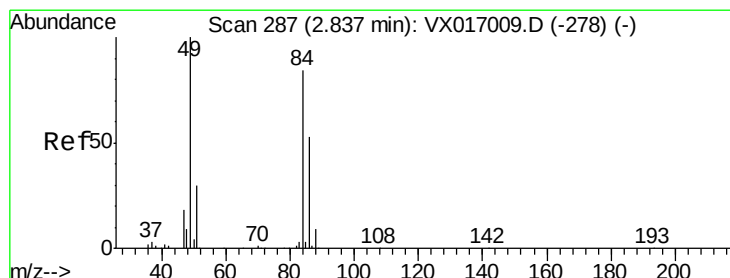
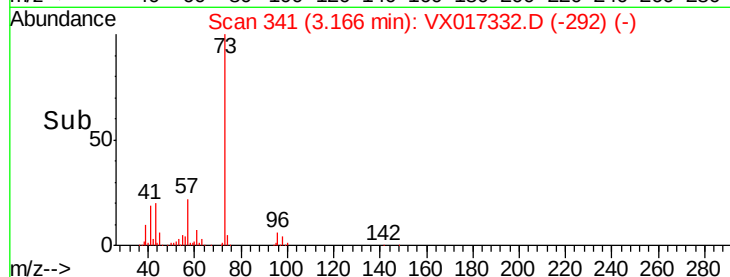
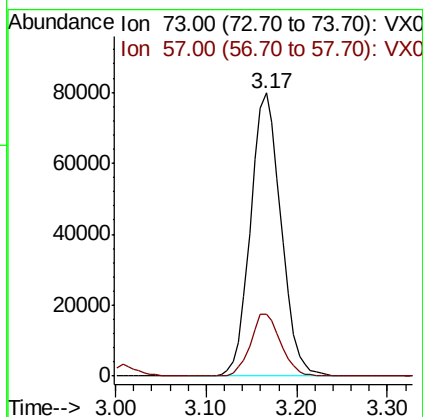
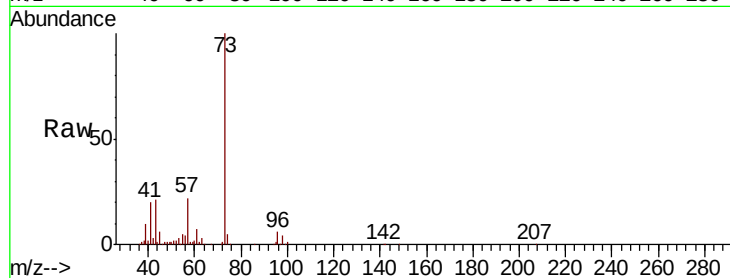


#19

Methyl tert-butyl Ether
 Concen: 18.492 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017332.D
 Acq: 10 Jul 2020 14:00

Instrument :
 MSVOA_X
 ClientSampleId :

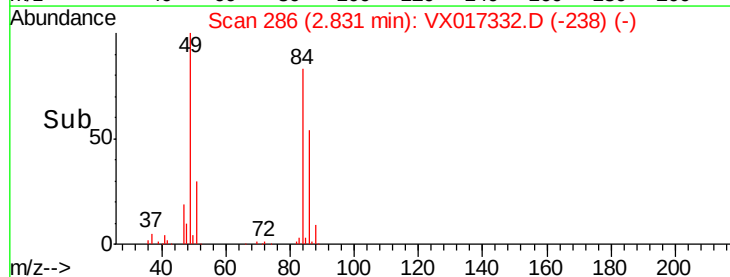
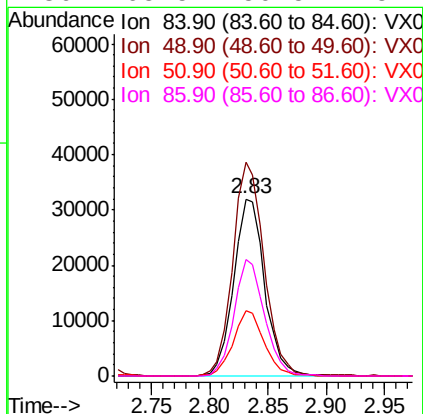
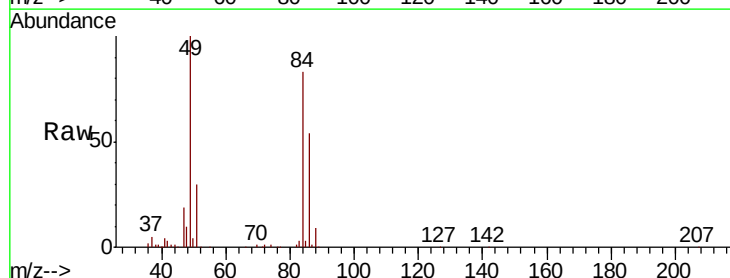
Tot Ion: 73 Resp: 185178
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.6 26.4

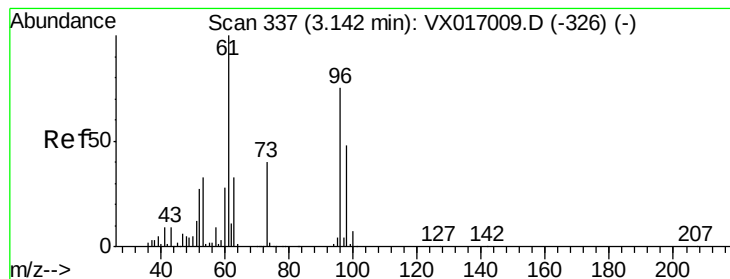


#20

Methylene Chloride
 Concen: 18.100 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017332.D
 Acq: 10 Jul 2020 14:00

Tgt Ion: 84 Resp: 59330
 Ion Ratio Lower Upper
 84 100
 49 120.6 94.7 142.1
 51 36.6 28.6 42.8
 86 65.5 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 16.951 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

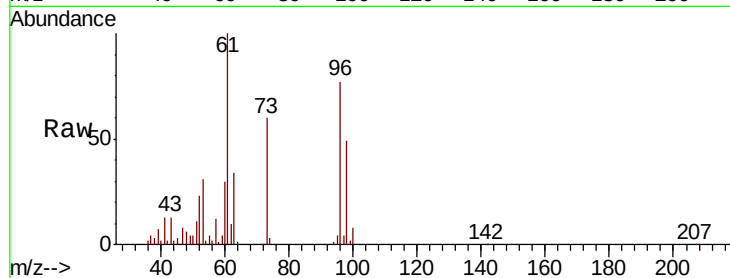
Tot Ion: 96 Resp: 56130

Ion Ratio Lower Upper

96 100

61 130.2 107.0 160.6

98 64.1 51.6 77.4

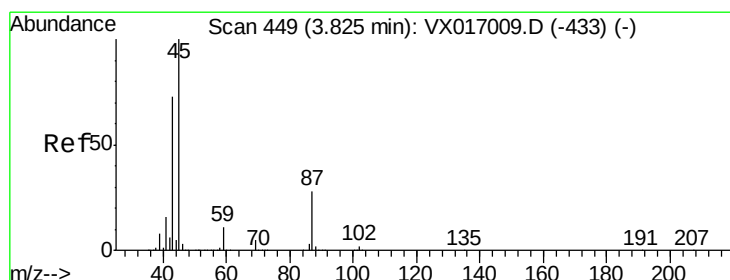
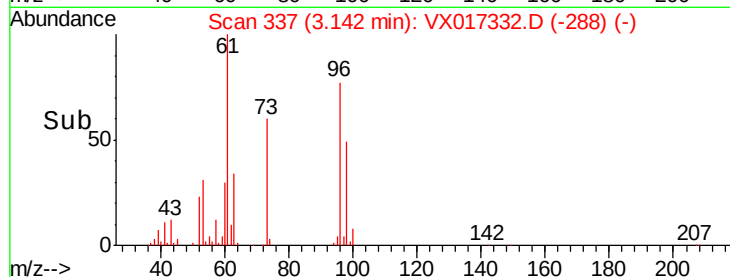
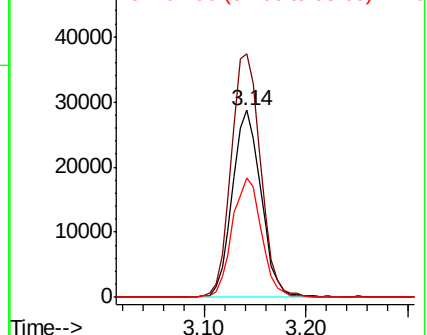


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.835 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Tgt Ion: 45 Resp: 182025

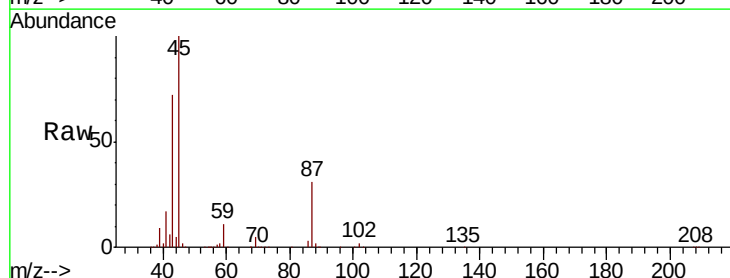
Ion Ratio Lower Upper

45 100

43 71.1 58.6 88.0

87 30.8 22.6 34.0

59 11.0 8.7 13.1



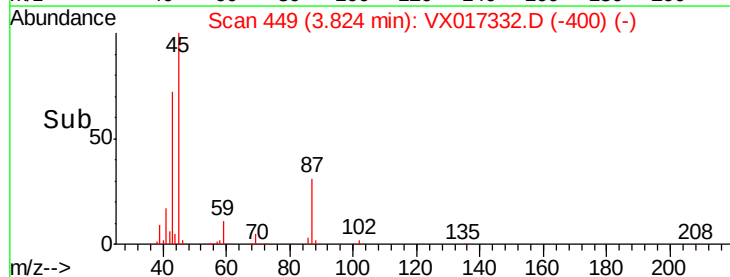
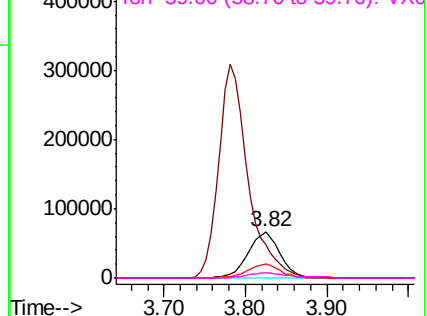
Abundance

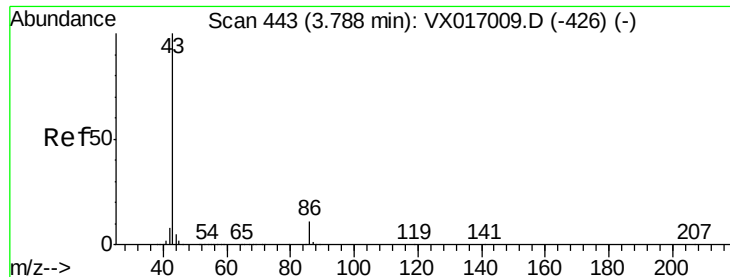
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 89.017 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

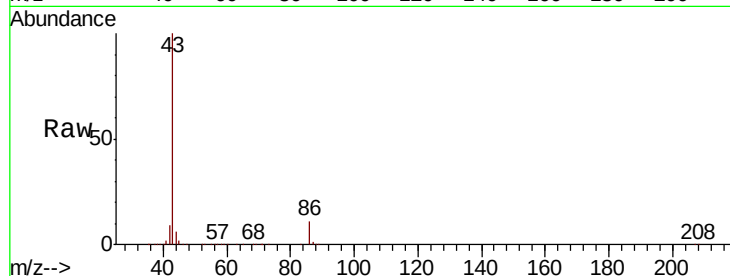
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 780688

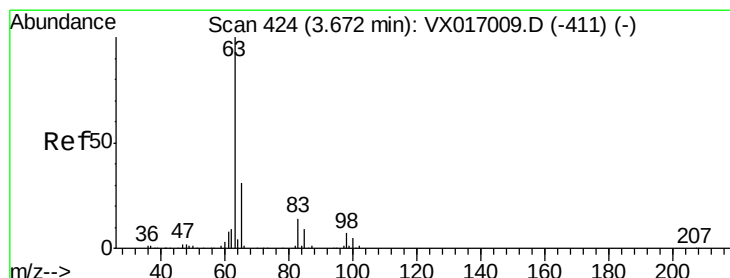
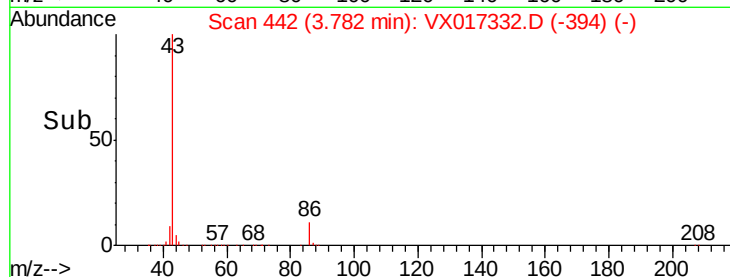
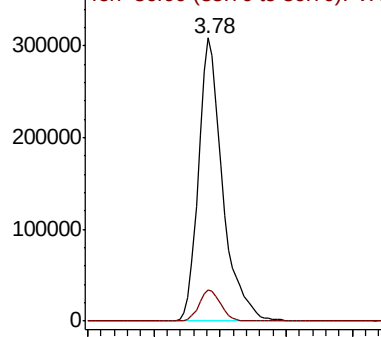
Ion Ratio Lower Upper

43 100

86 11.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.208 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

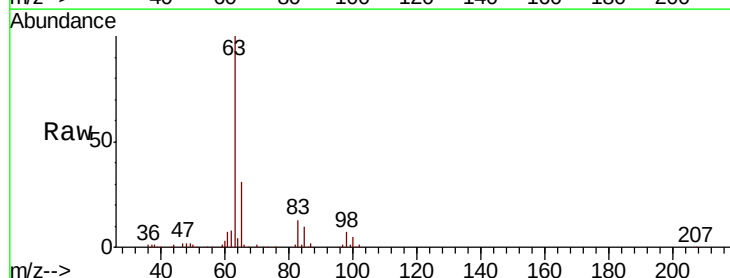
Tgt Ion: 63 Resp: 99929

Ion Ratio Lower Upper

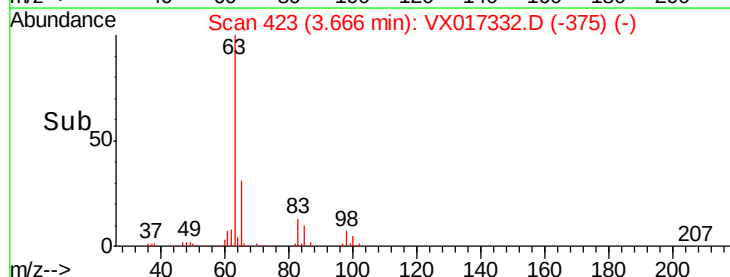
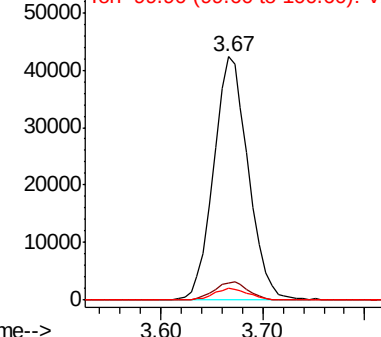
63 100

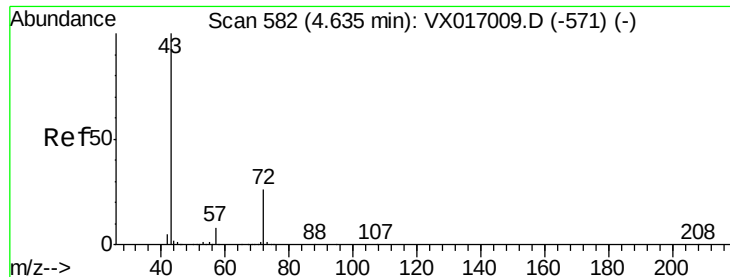
98 6.8 3.6 10.8

100 4.8 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: 86.458 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Instrument :

MSVOA_X

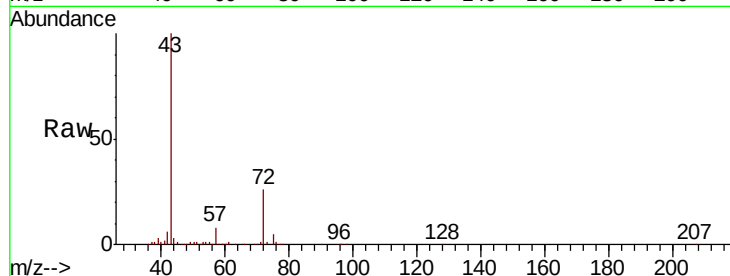
ClientSampleId :

Tot Ion: 43 Resp: 200368

Ion Ratio Lower Upper

43 100

72 25.6 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

60000

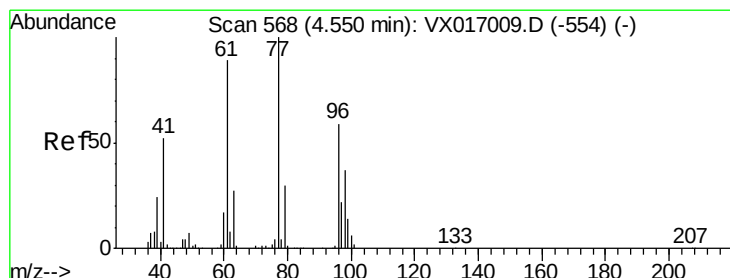
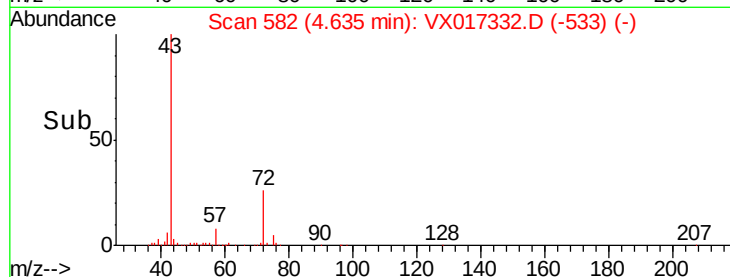
40000

20000

0

4.64

Time-->



#26

2,2-Dichloropropane

Concen: 17.607 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017332.D

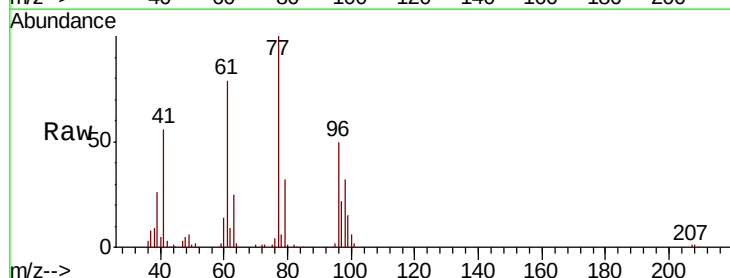
Acq: 10 Jul 2020 14:00

Tgt Ion: 77 Resp: 90785

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

20000

15000

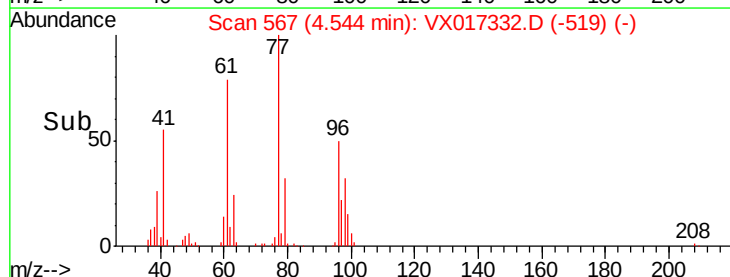
10000

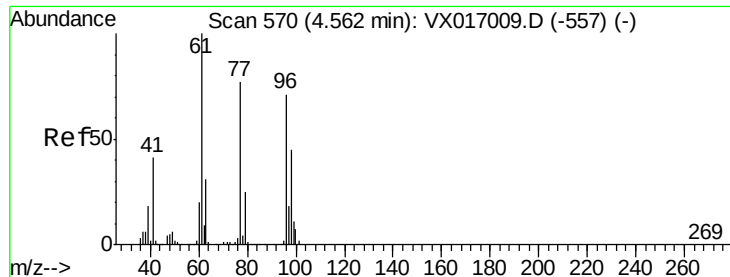
5000

0

4.54

Time-->



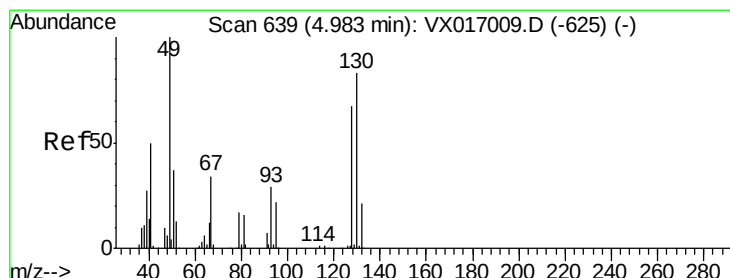
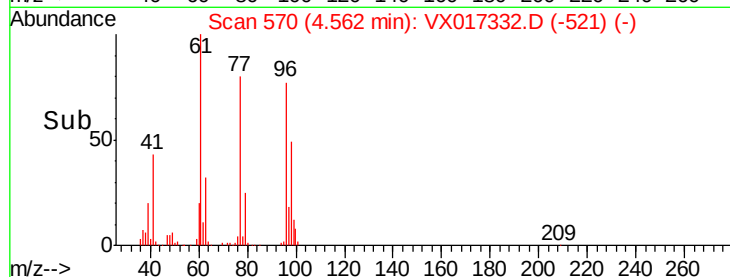
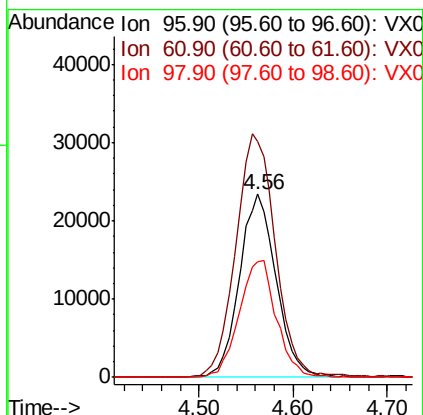
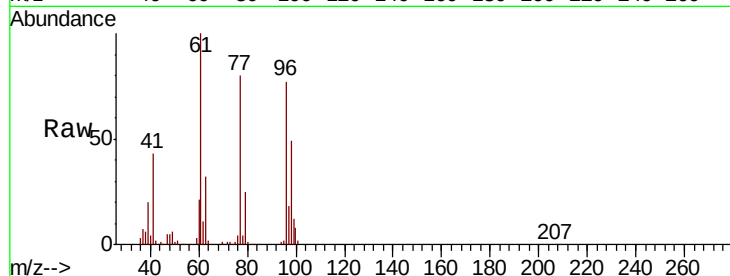


#27

cis-1,2-Dichloroethene
Concen: 16.983 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :

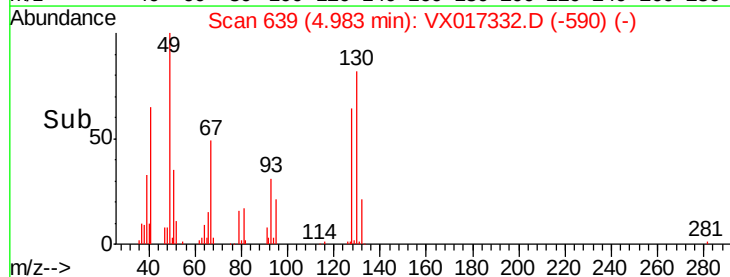
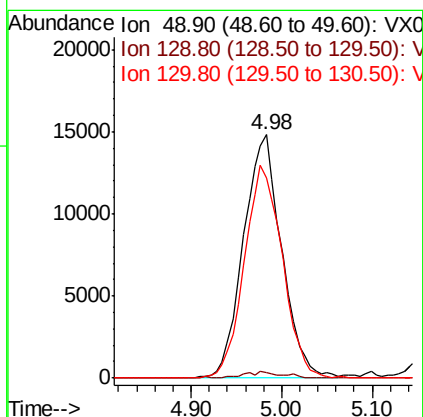
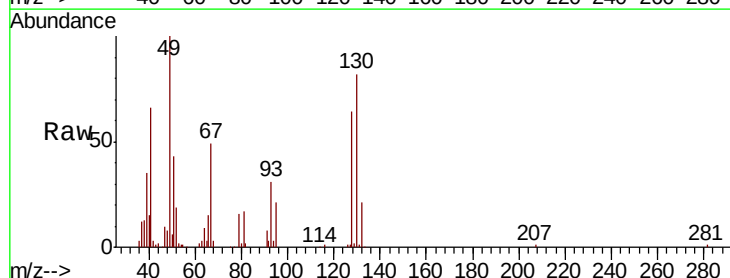
Tot Ion	96	Resp	63716
Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	282.8
98	64.5	0.0	127.6

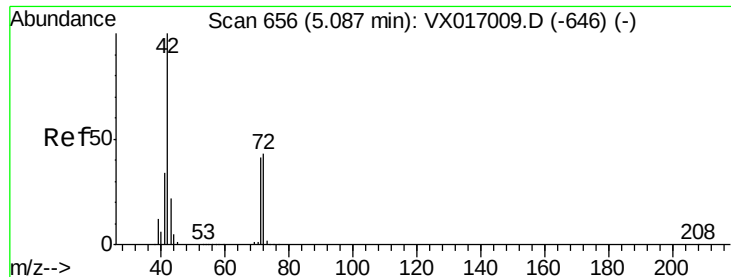


#28

Bromochloromethane
Concen: 15.267 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

Tgt Ion	49	Resp	43143
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.2
130	87.0	66.6	100.0

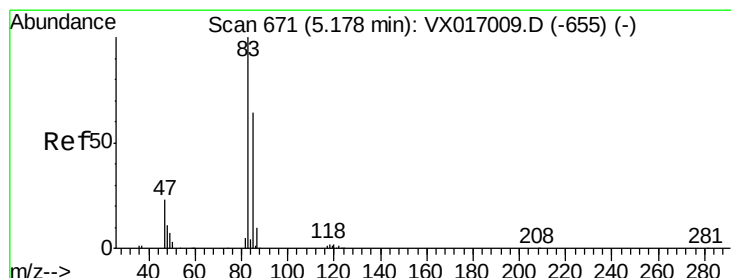
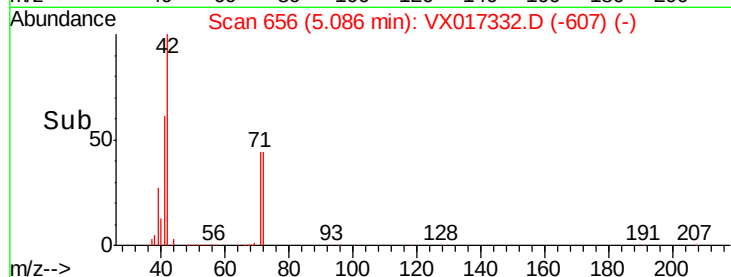
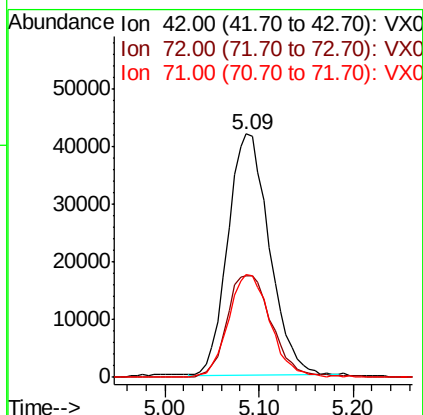
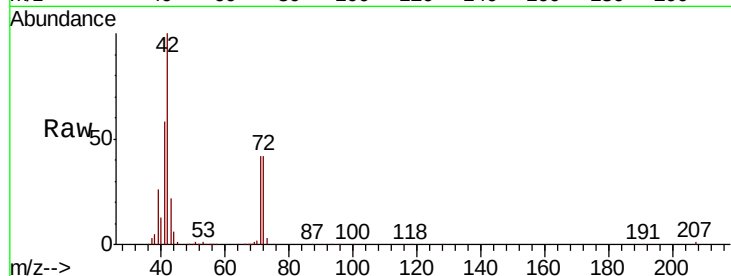




#29
Tetrahydrofuran
Concen: 83.940 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

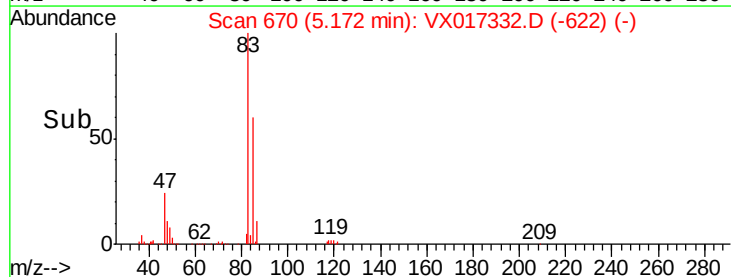
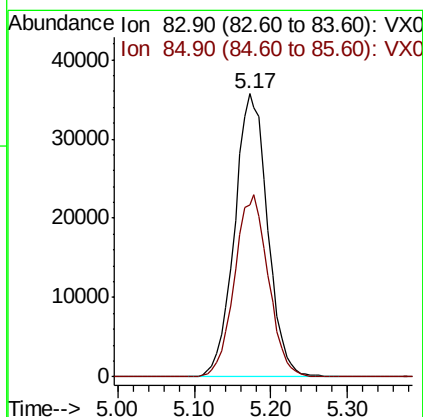
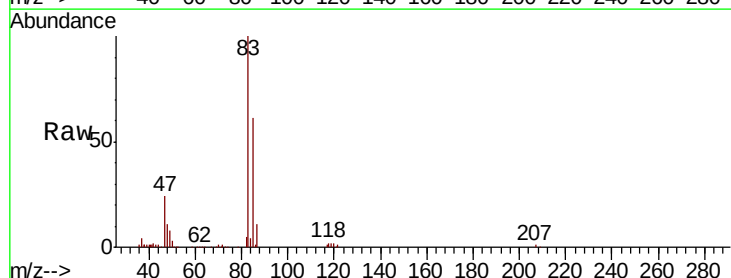
Instrument :
MSVOA_X
ClientSampled :

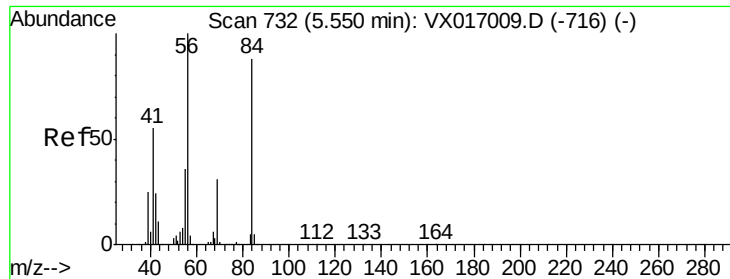
Tot Ion: 42 Resp: 128532
Ion Ratio Lower Upper
42 100
72 45.9 35.3 52.9
71 42.7 33.1 49.7



#30
Chloroform
Concen: 17.946 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

Tgt Ion: 83 Resp: 106833
Ion Ratio Lower Upper
83 100
85 60.9 51.4 77.2

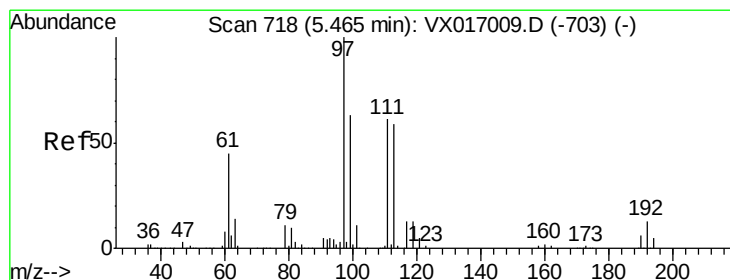
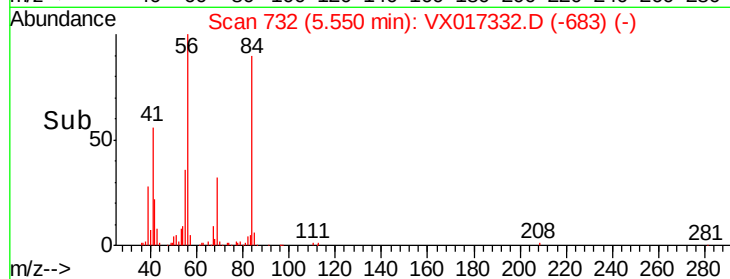
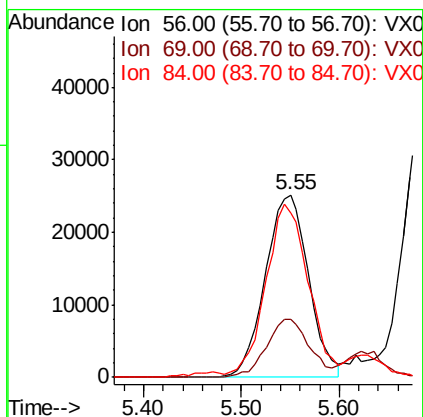
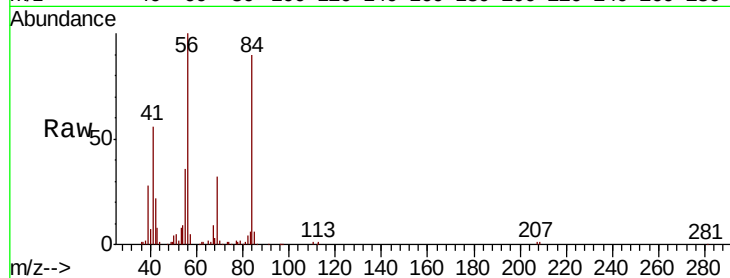




#31
Cyclohexane
Concen: 15.471 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

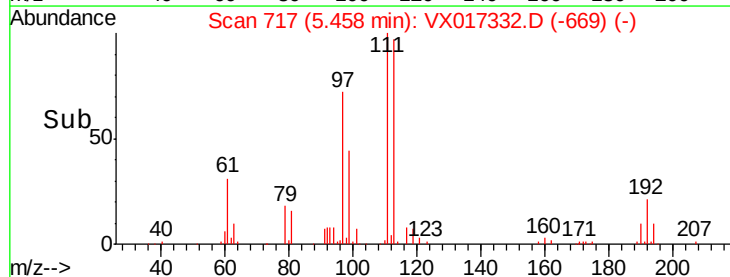
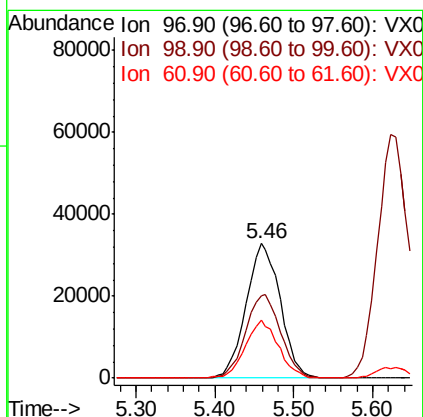
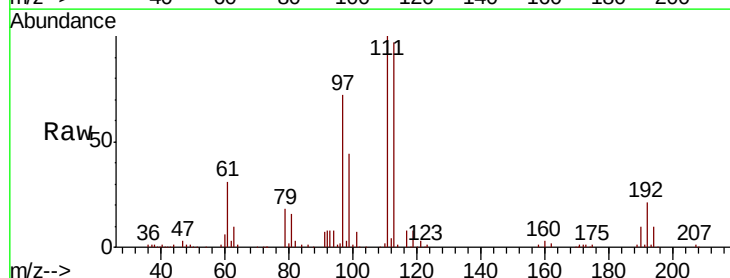
Instrument :
MSVOA_X
ClientSampleId :

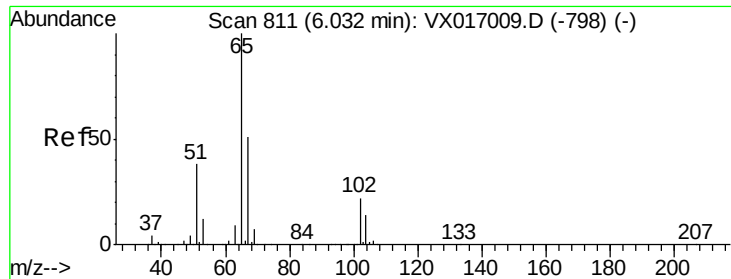
Tot Ion: 56 Resp: 77658
Ion Ratio Lower Upper
56 100
69 31.9 25.0 37.4
84 88.8 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 18.063 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

Tgt Ion: 97 Resp: 99029
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 41.9 33.7 50.5

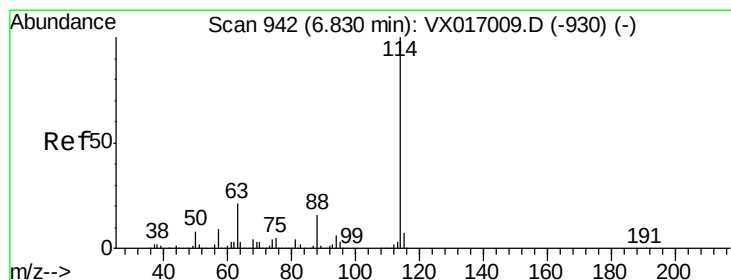
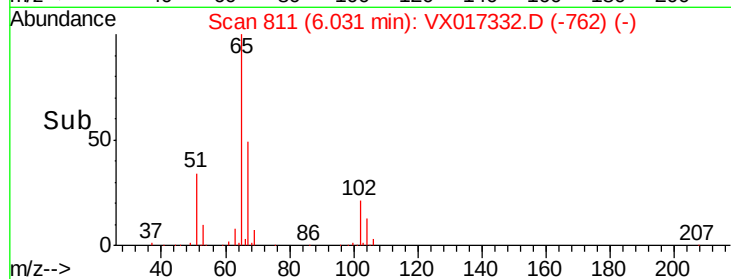
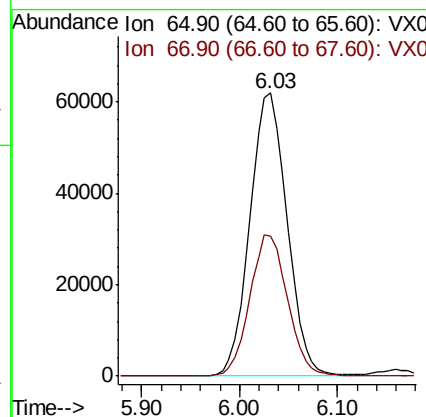
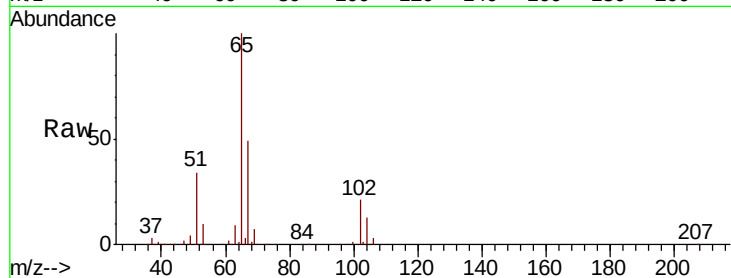




#33
 1,2-Dichloroethane-d4
 Concen: 44.024 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017332.D
 Acq: 10 Jul 2020 14:00

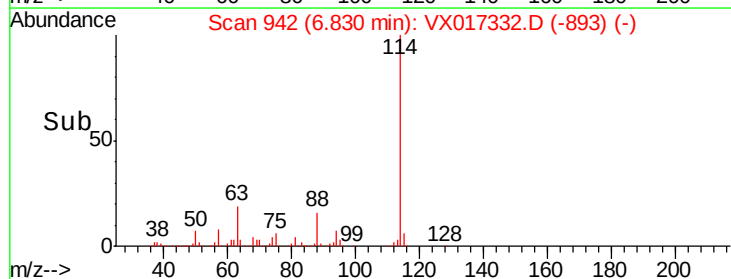
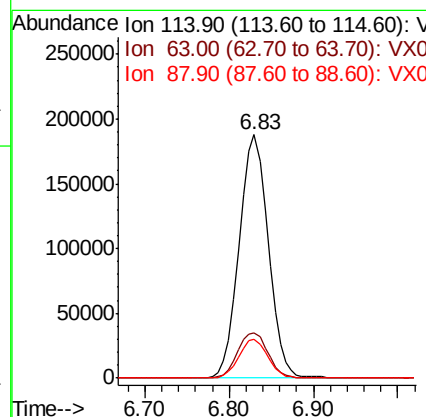
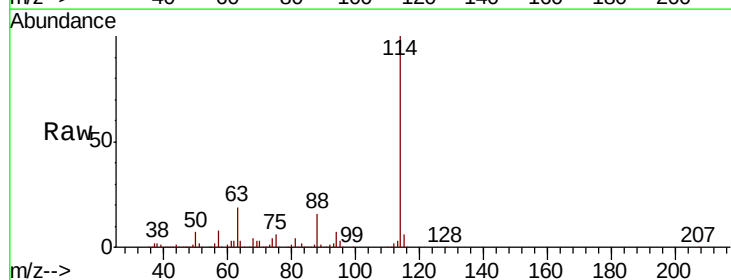
Instrument :
 MSVOA_X
 ClientSampleId :

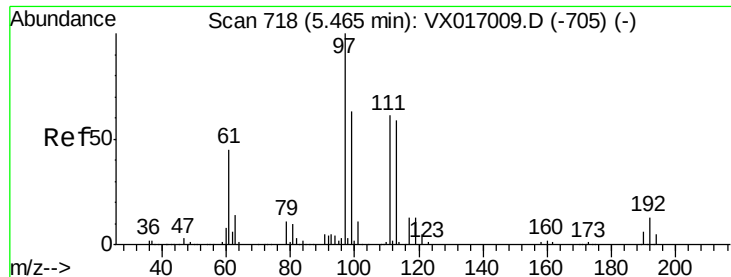
Tot Ion: 65 Resp: 163679
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017332.D
 Acq: 10 Jul 2020 14:00

Tgt Ion: 114 Resp: 438498
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 41.4
 88 16.0 0.0 32.4

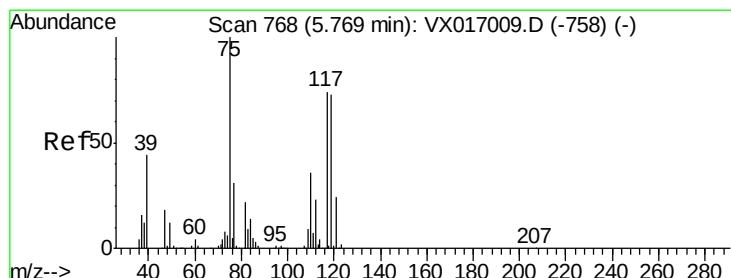
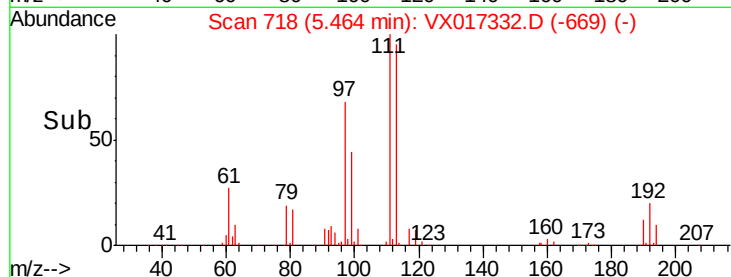
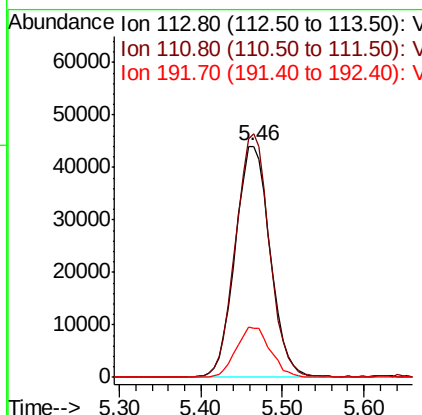
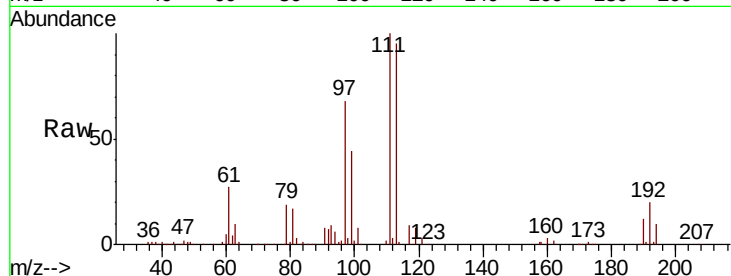




#35
 Dibromofluoromethane
 Concen: 47.205 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017332.D
 Acq: 10 Jul 2020 14:00

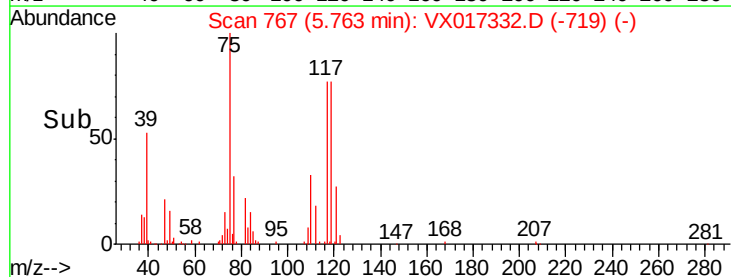
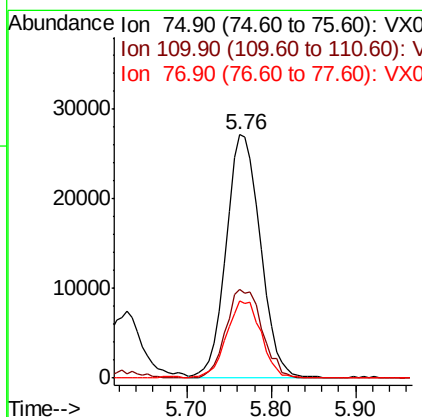
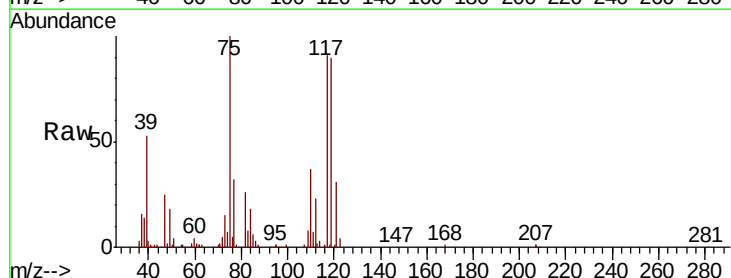
Instrument :
 MSVOA_X
 ClientSampled :

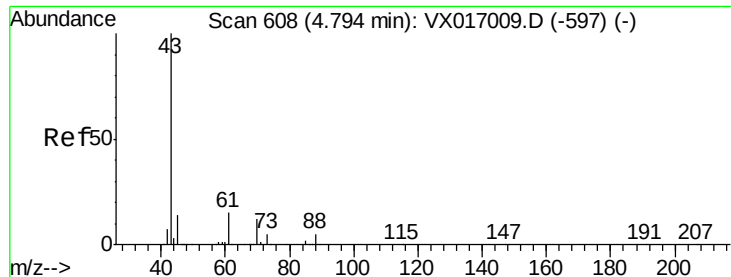
Tot Ion:113 Resp: 130938
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.9 122.9
 192 21.2 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 18.181 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX017332.D
 Acq: 10 Jul 2020 14:00

Tgt Ion: 75 Resp: 75348
 Ion Ratio Lower Upper
 75 100
 110 38.5 18.1 54.1
 77 32.1 24.6 37.0

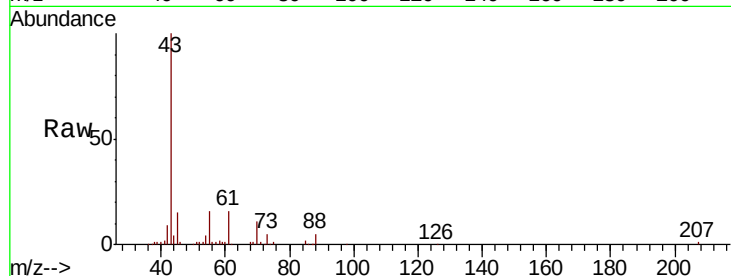




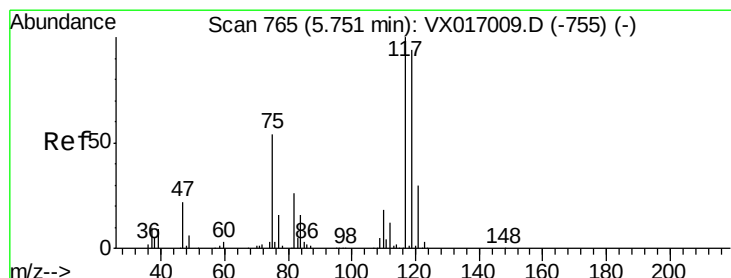
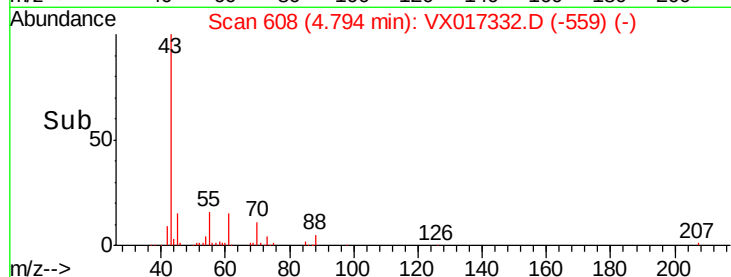
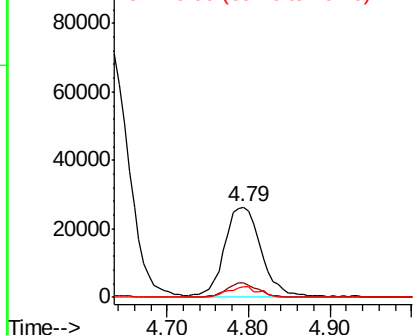
#37
Ethyl Acetate
Concen: 19.264 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

Instrument :
MSVOA_X
ClientSampleID :

Tot Ion: 43 Resp: 81003
Ion Ratio Lower Upper
43 100
61 14.3 11.0 16.4
70 10.8 8.9 13.3

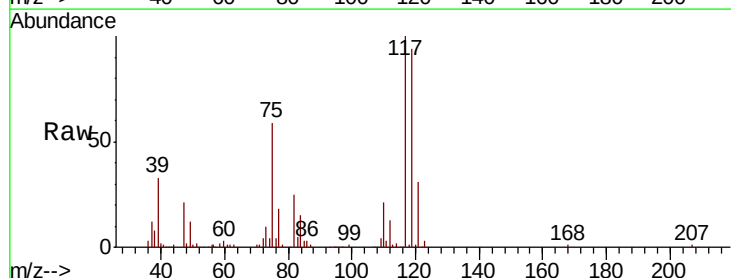


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

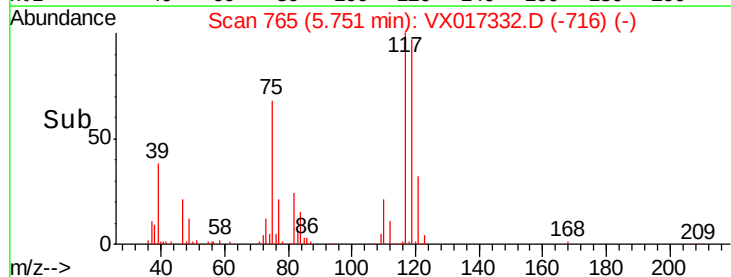
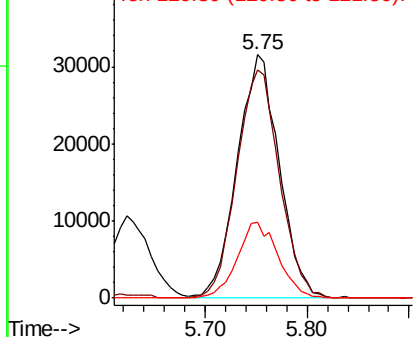


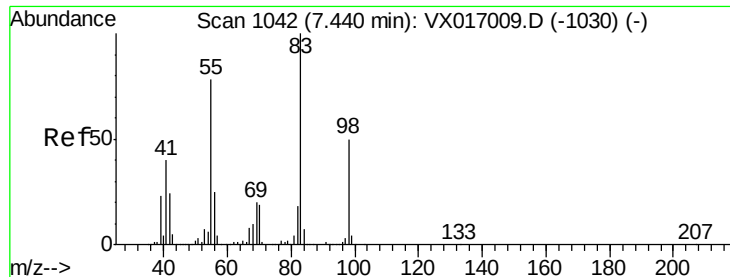
#38
Carbon Tetrachloride
Concen: 19.625 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

Tgt Ion: 117 Resp: 89583
Ion Ratio Lower Upper
117 100
119 93.8 75.4 113.0
121 31.1 23.8 35.6



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

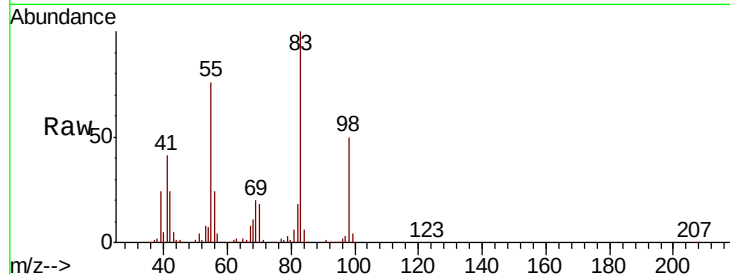




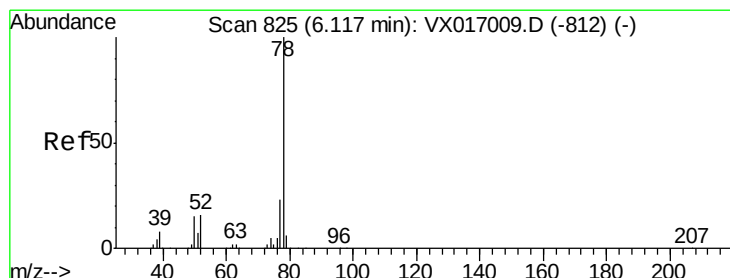
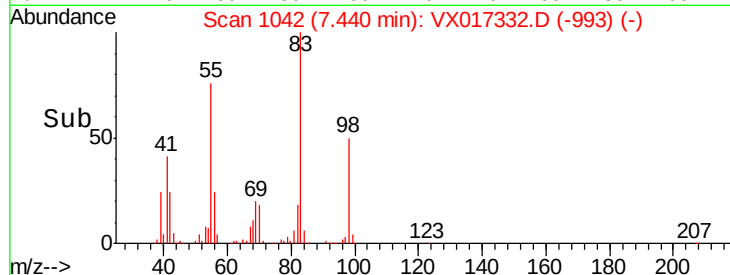
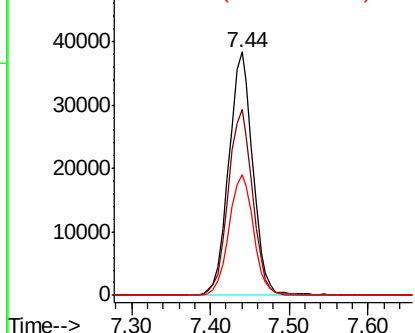
#39
Methylvlcyclohexane
Concen: 17.690 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 81571
Ion Ratio Lower Upper
83 100
55 76.4 62.5 93.7
98 49.7 40.1 60.1

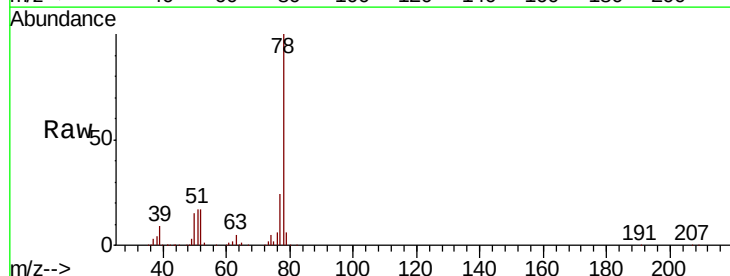


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

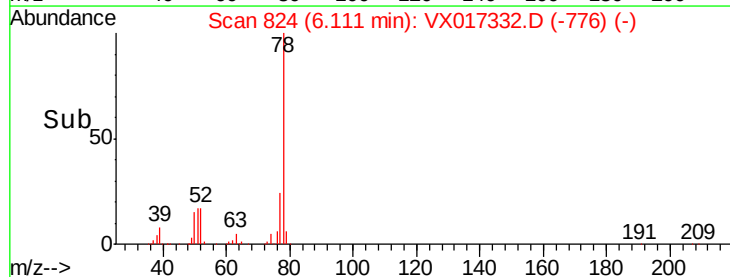
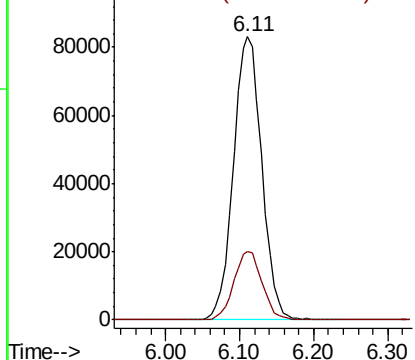


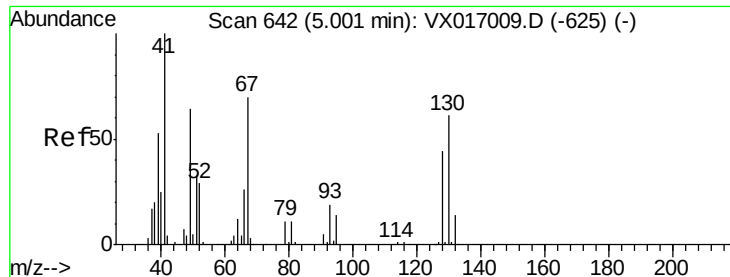
#40
Benzene
Concen: 18.208 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

Tgt Ion: 78 Resp: 221710
Ion Ratio Lower Upper
78 100
77 24.2 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

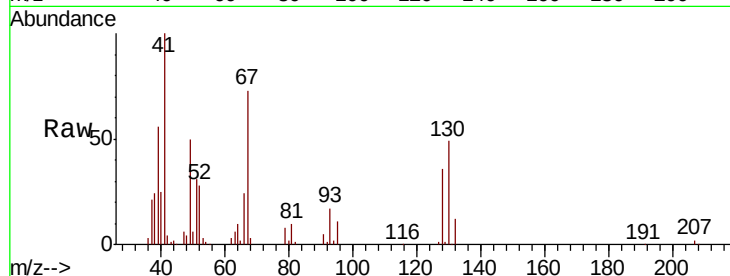




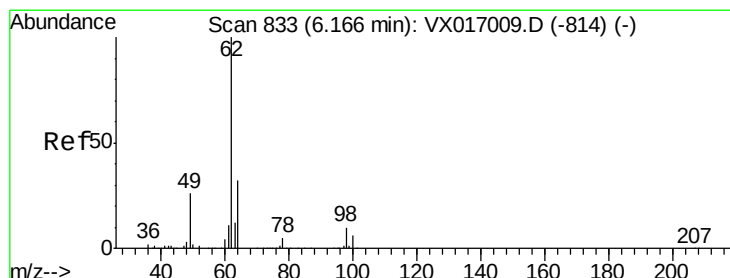
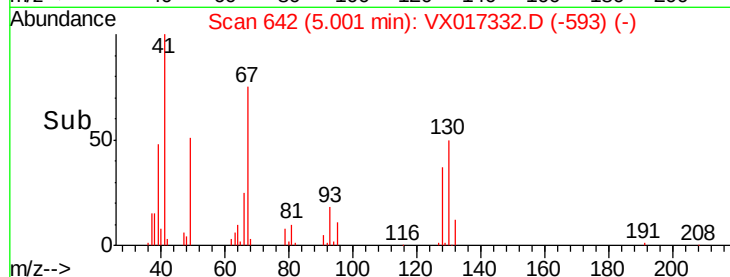
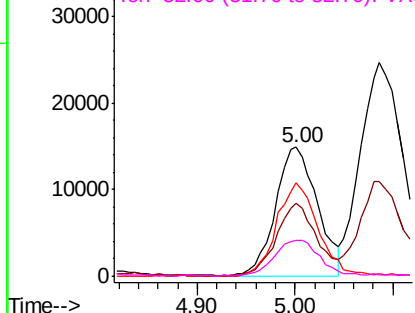
#41
Methacrylonitrile
Concen: 19.020 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	45012
Ion	Ratio	Lower	Upper
41	100		
39	54.3	44.4	66.6
67	72.2	57.1	85.7
52	30.5	23.2	34.8

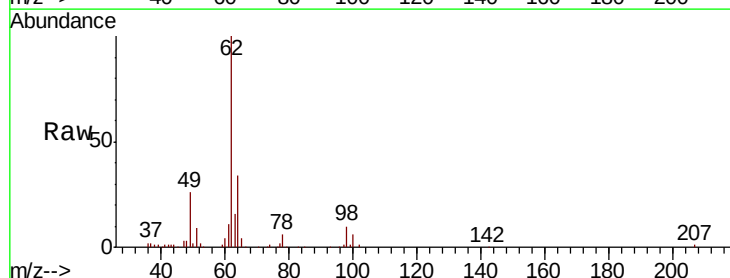


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

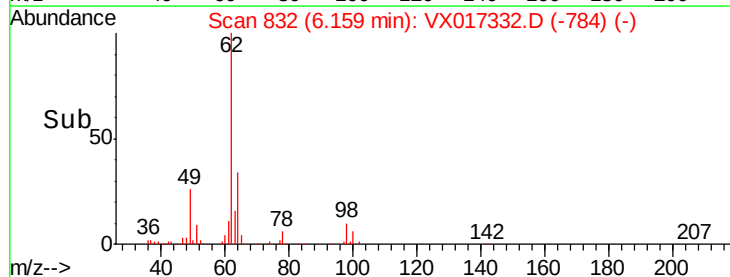
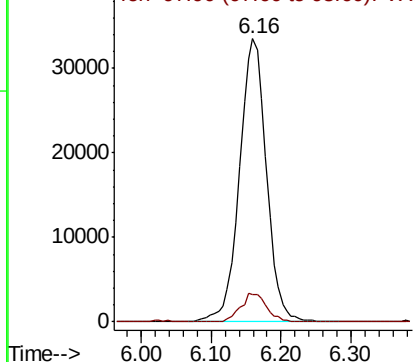


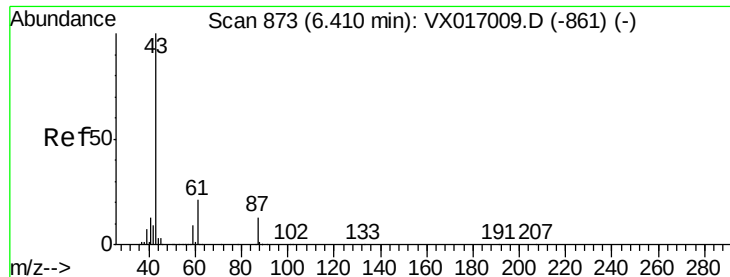
#42
1,2-Dichloroethane
Concen: 20.392 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

Tgt Ion:	62	Resp:	89692
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2



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





#43

Isopropyl Acetate

Concen: 18.708 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

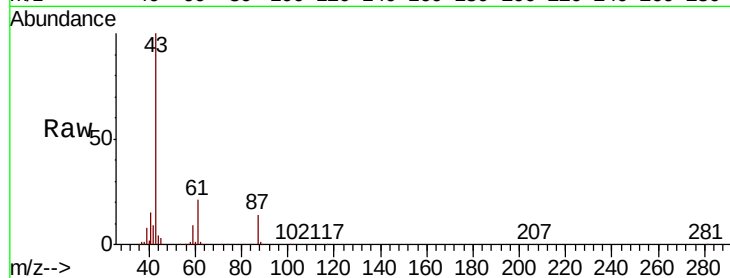
Tot Ion: 43 Resp: 130716

Ion Ratio Lower Upper

43 100

61 20.2 16.2 24.2

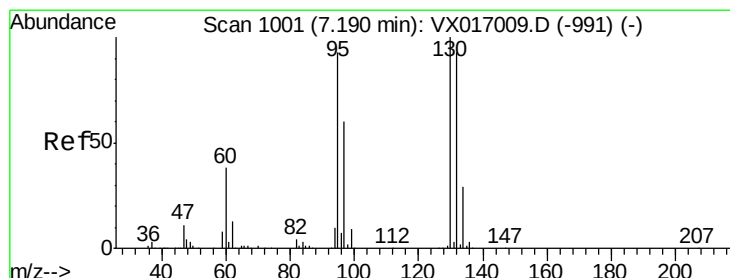
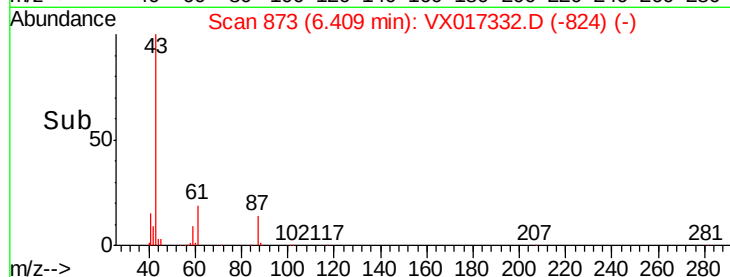
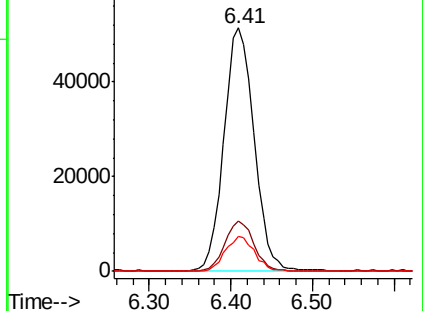
87 14.1 10.7 16.1



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: 19.667 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017332.D

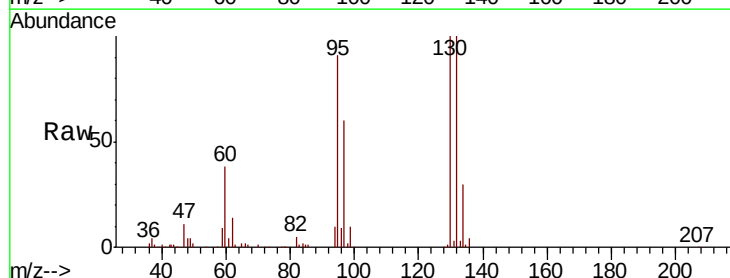
Acq: 10 Jul 2020 14:00

Tgt Ion:130 Resp: 66717

Ion Ratio Lower Upper

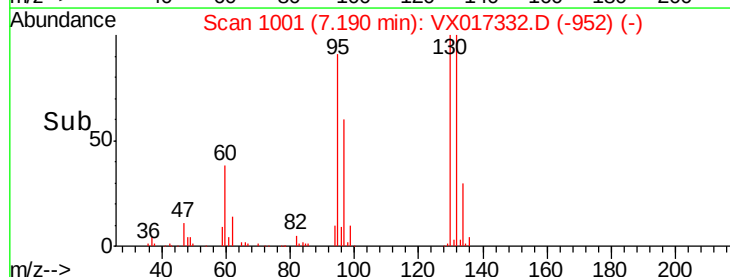
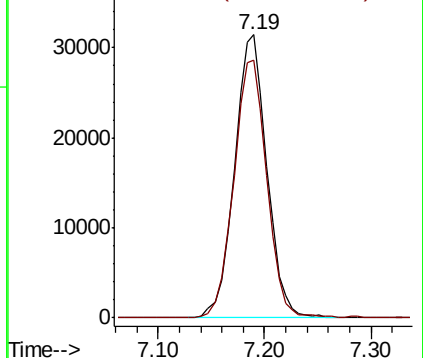
130 100

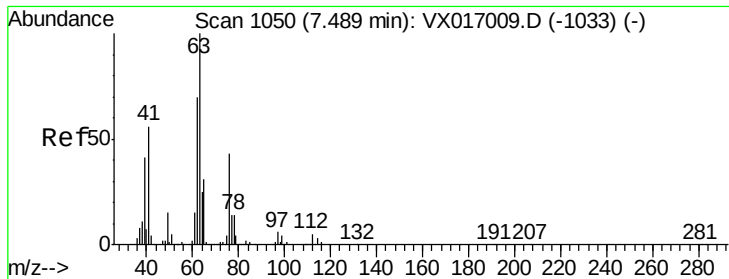
95 91.3 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

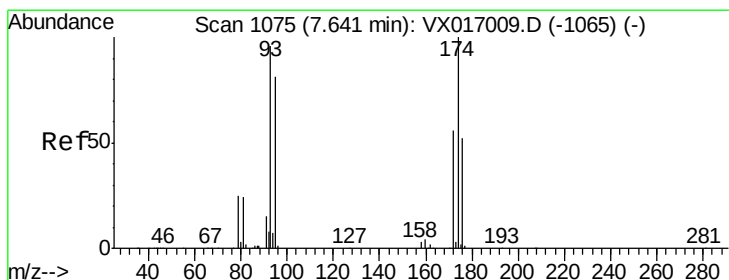
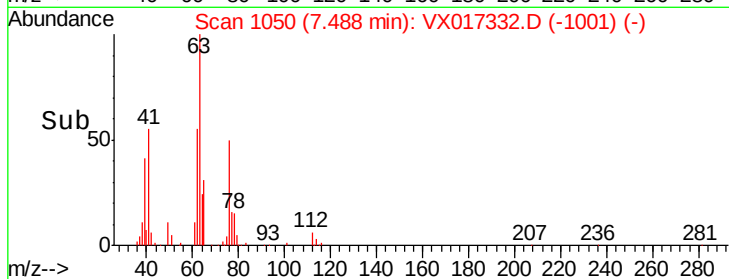
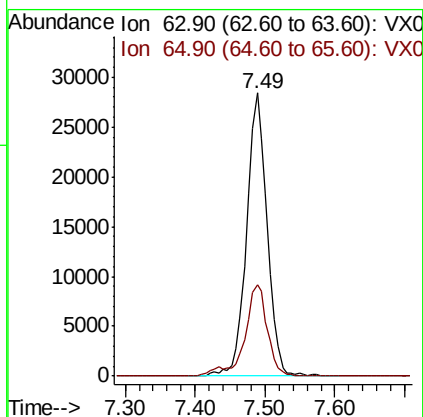
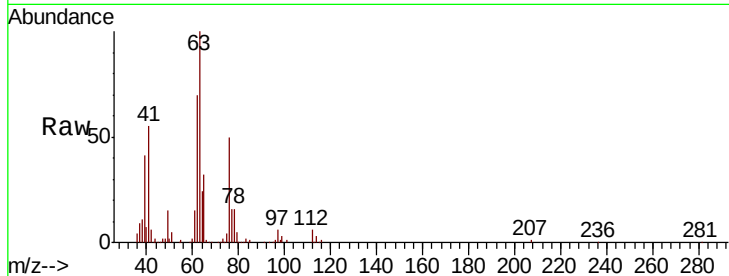




#45
 1,2-Dichloropropane
 Concen: 18.520 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017332.D
 Acq: 10 Jul 2020 14:00

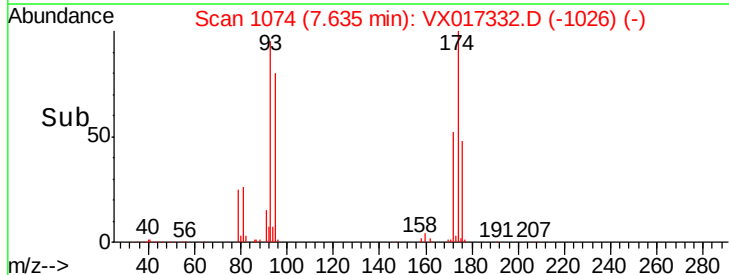
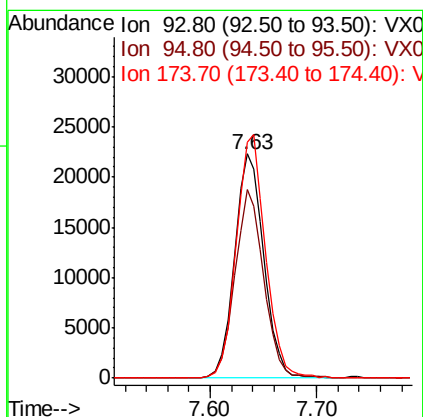
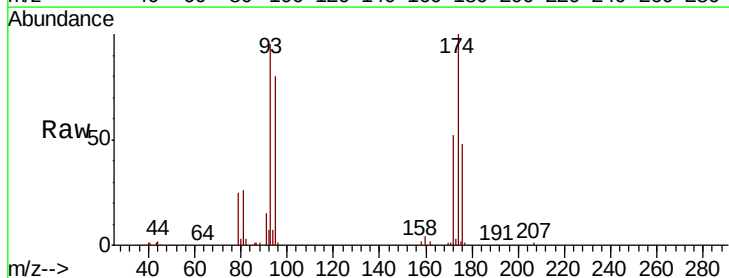
Instrument :
 MSVOA_X
 ClientSampleId :

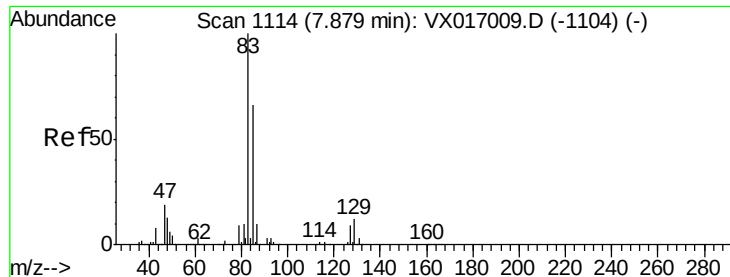
Tot Ion: 63 Resp: 57923
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.6 36.8



#46
 Dibromomethane
 Concen: 20.079 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017332.D
 Acq: 10 Jul 2020 14:00

Tgt Ion: 93 Resp: 42872
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.4 101.0
 174 109.1 84.3 126.5





#47

Bromodichloromethane

Concen: 19.808 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Instrument :
MSVOA_X
ClientSampled :

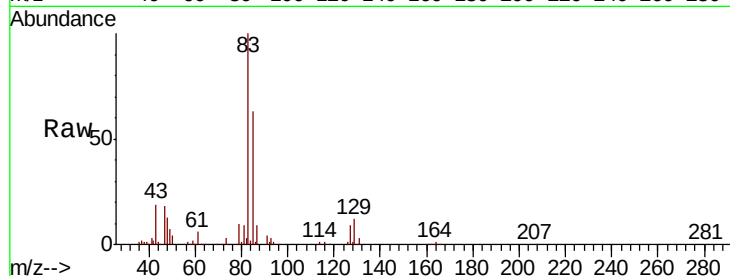
Tot Ion: 83 Resp: 87159

Ion Ratio Lower Upper

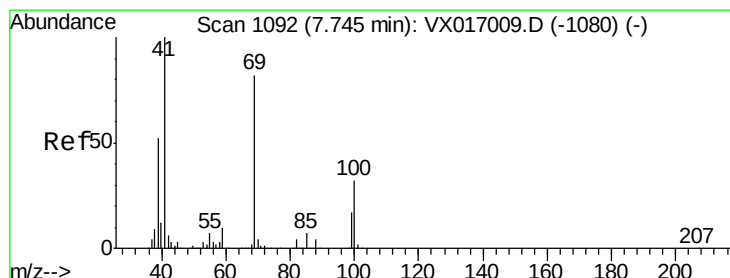
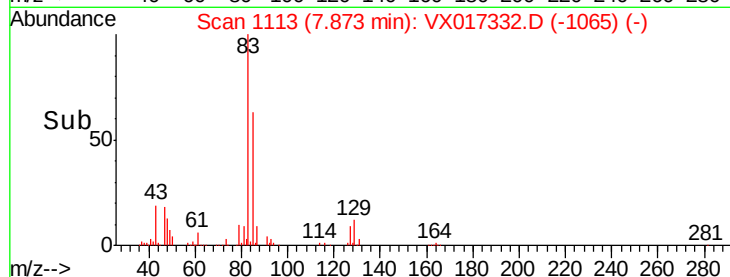
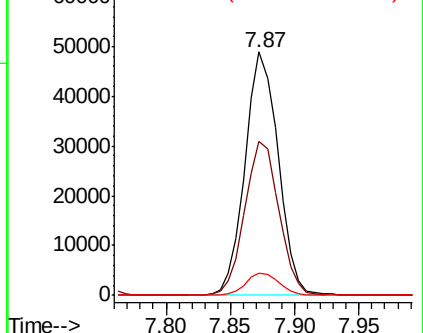
83 100

85 63.3 53.0 79.4

127 9.3 7.5 11.3



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: 19.105 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

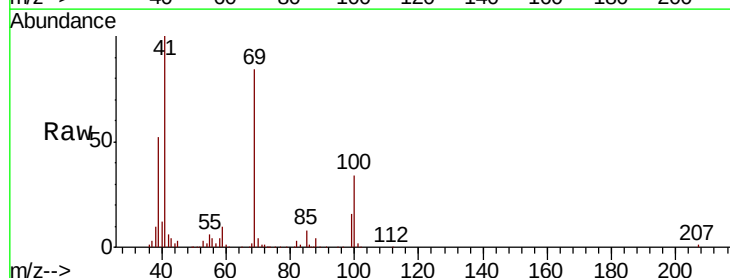
Tgt Ion: 41 Resp: 63423

Ion Ratio Lower Upper

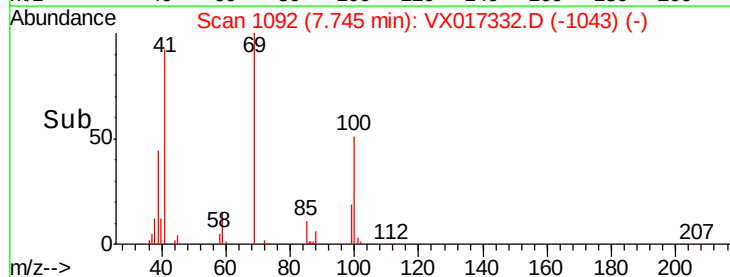
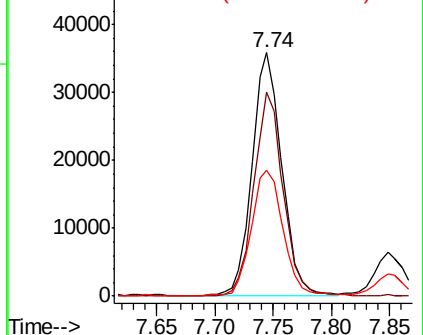
41 100

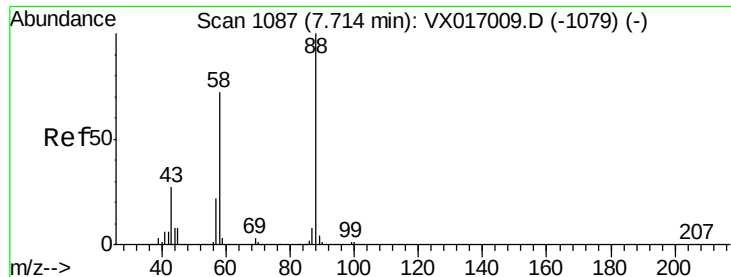
69 83.4 65.8 98.8

39 55.1 42.5 63.7



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

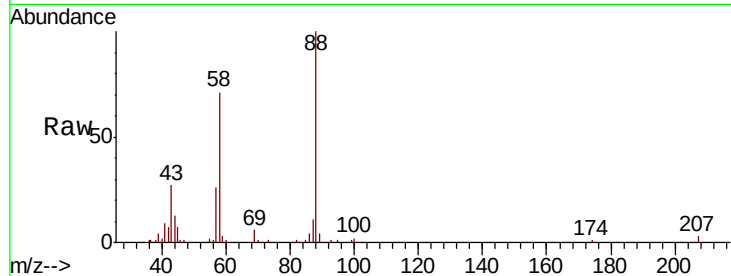




#49
1,4-Dioxane
Concen: 353.127 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	88	Resp	26557
Ion	Ratio	Lower	Upper
88	100		
43	37.0	25.8	38.8
58	68.4	54.8	82.2

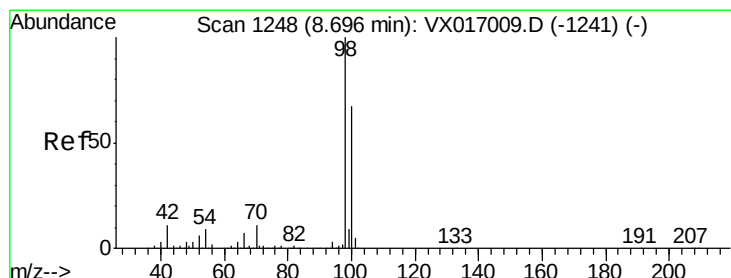
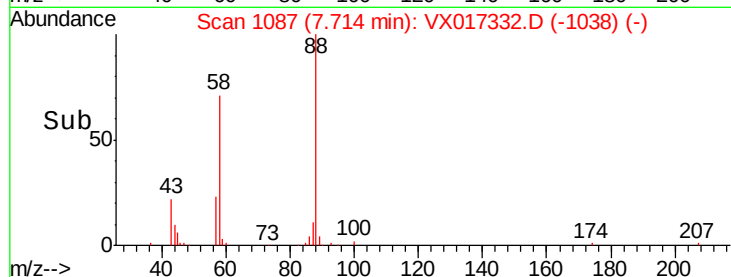
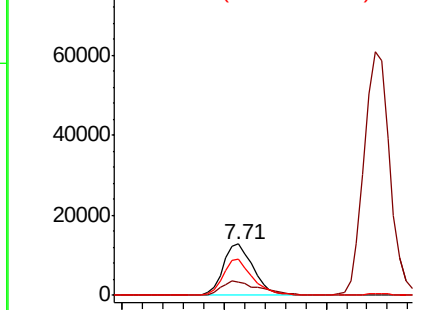


Abundance

Ion 88.00 (87.70 to 88.70): VX0

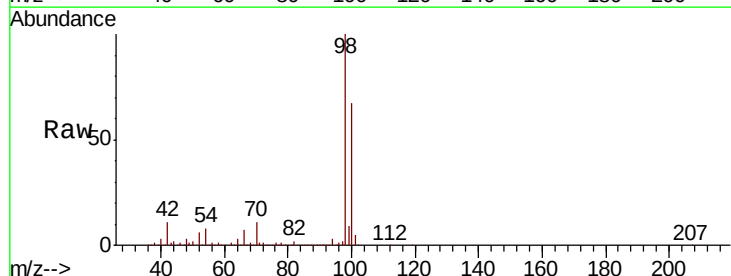
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 45.189 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

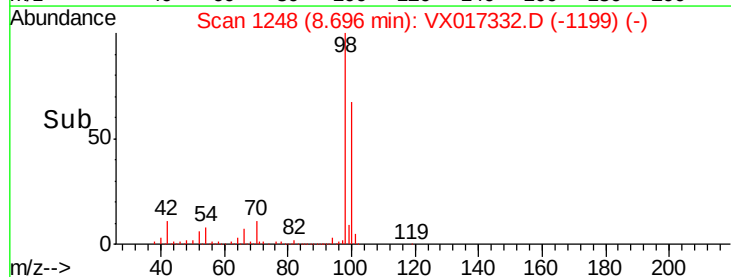
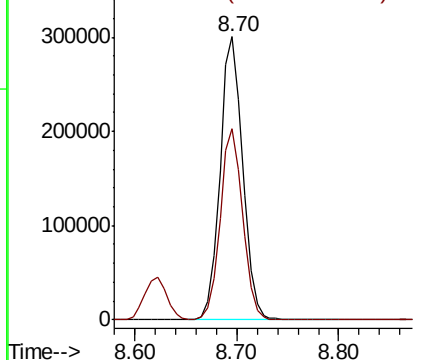
Tgt Ion	98	Resp	463503
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.8	80.6

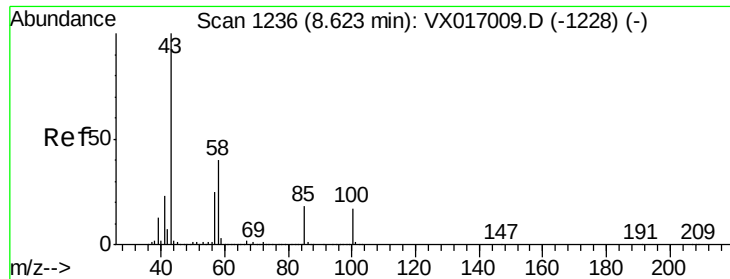


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

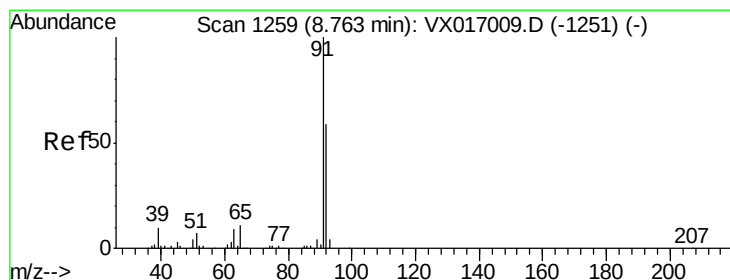
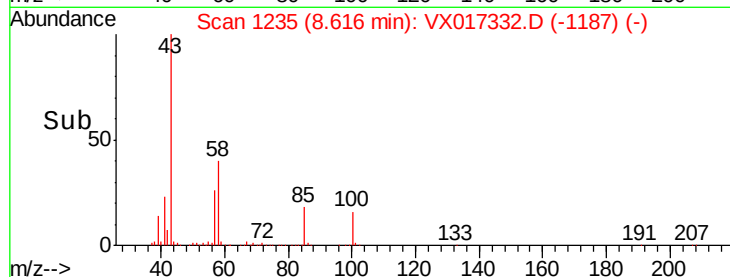
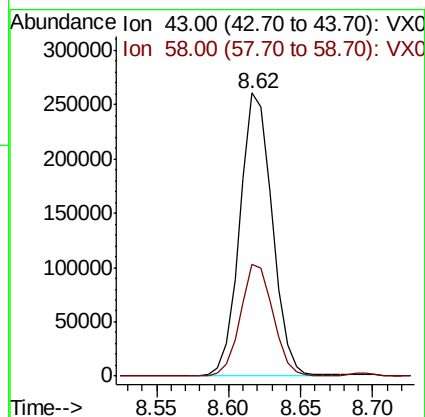
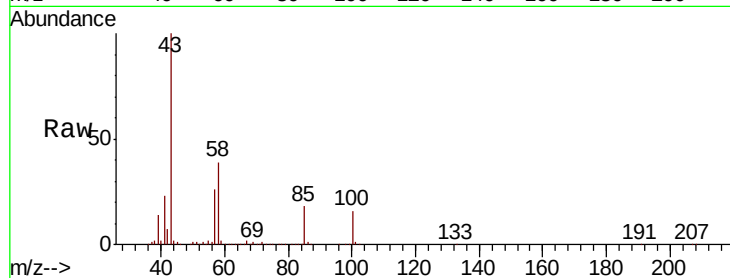




#51
 4-Methyl-2-Pentanone
 Concen: 97.854 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX017332.D
 Acq: 10 Jul 2020 14:00

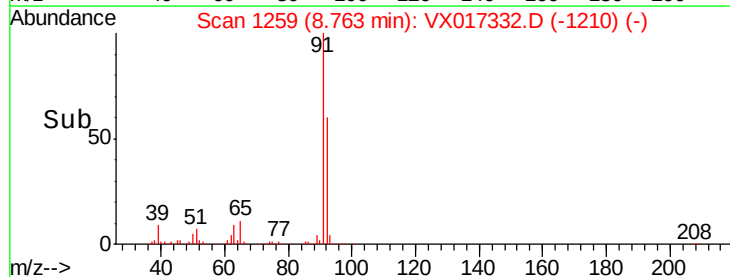
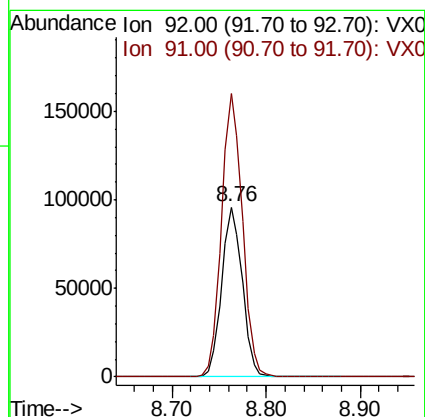
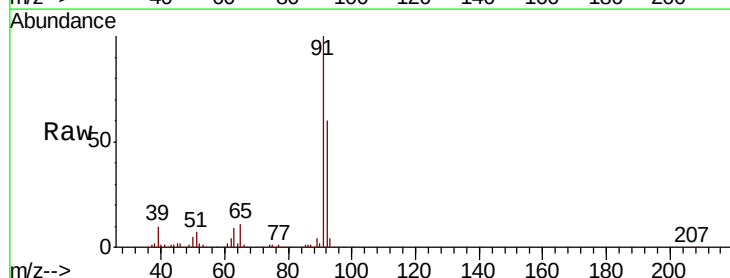
Instrument :
 MSVOA_X
 ClientSampleId :

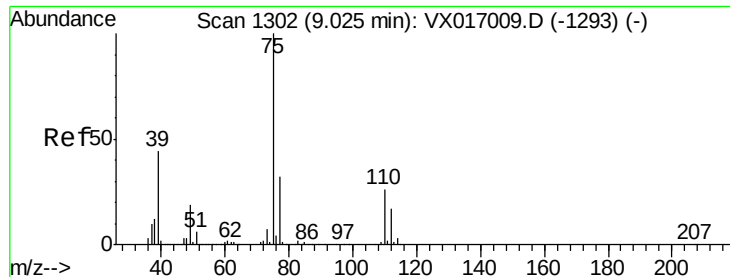
Tot Ion: 43 Resp: 407574
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.9 47.9



#52
 Toluene
 Concen: 19.205 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX017332.D
 Acq: 10 Jul 2020 14:00

Tgt Ion: 92 Resp: 146007
 Ion Ratio Lower Upper
 92 100
 91 168.4 136.9 205.3

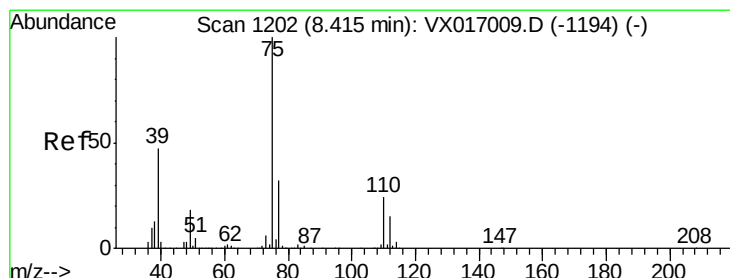
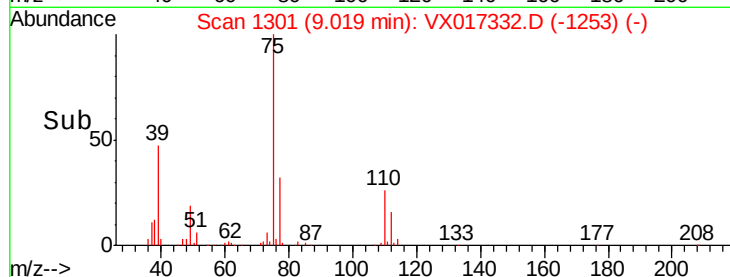
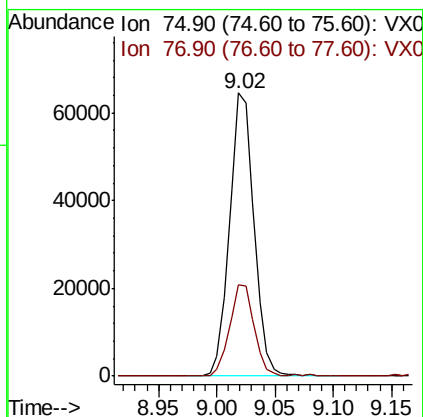
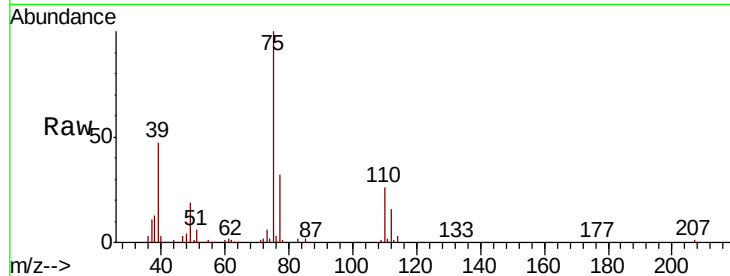




#53
 t-1,3-Dichloropropene
 Concen: 19.456 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX017332.D
 Acq: 10 Jul 2020 14:00

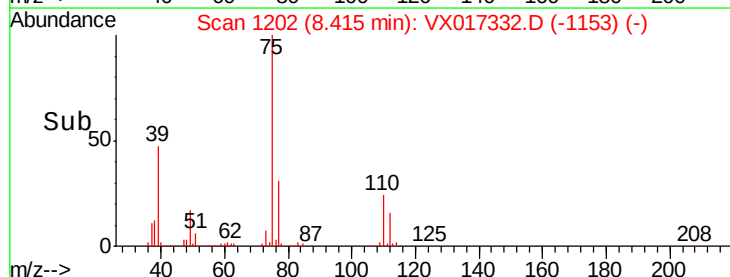
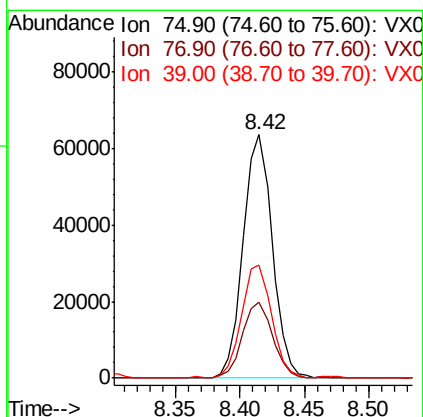
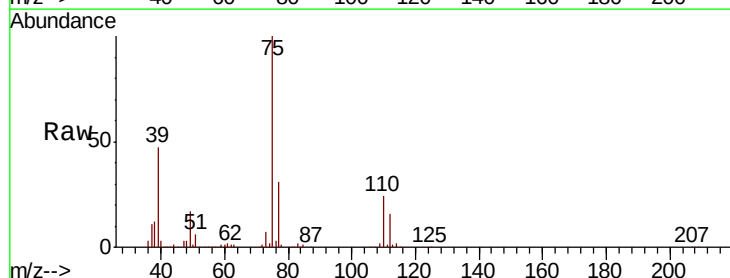
Instrument :
 MSVOA_X
 ClientSampleId :

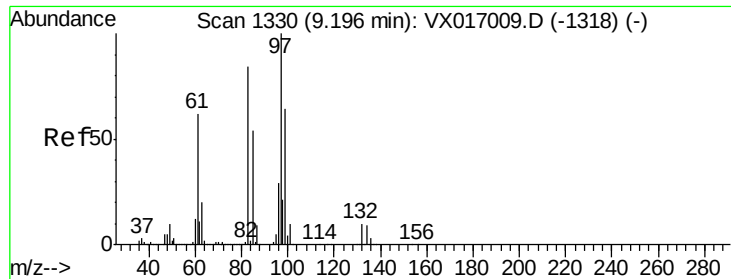
Tot Ion: 75 Resp: 94458
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.202 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017332.D
 Acq: 10 Jul 2020 14:00

Tgt Ion: 75 Resp: 99937
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.2 37.8
 39 46.6 37.4 56.2





#55

1,1,2-Trichloroethane

Concen: 19.729 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

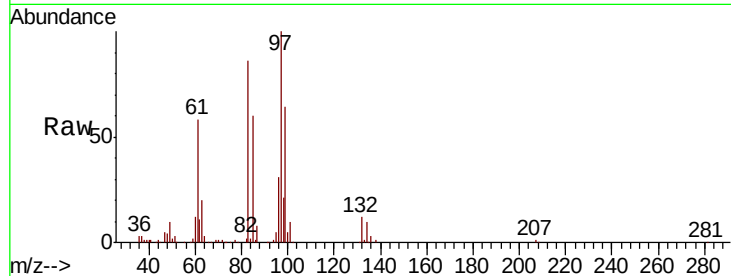
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 61281

Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.0	100.6
85	59.8	43.5	65.3
99	63.7	51.0	76.6



Abundance

Ion 96.90 (96.60 to 97.60): VX0

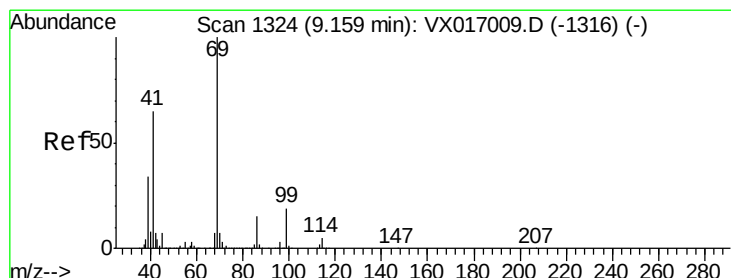
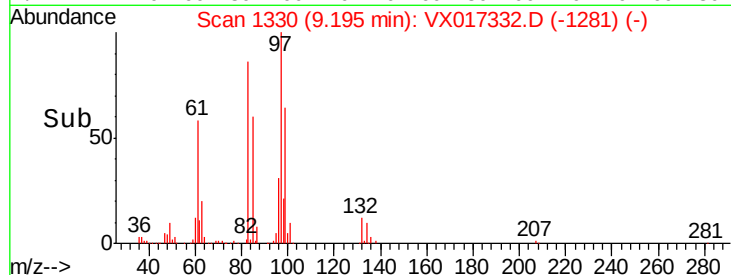
Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

9.20

Time-->



#56

Ethyl methacrylate

Concen: 19.469 ug/l

RT: 9.16 min Scan# 1324

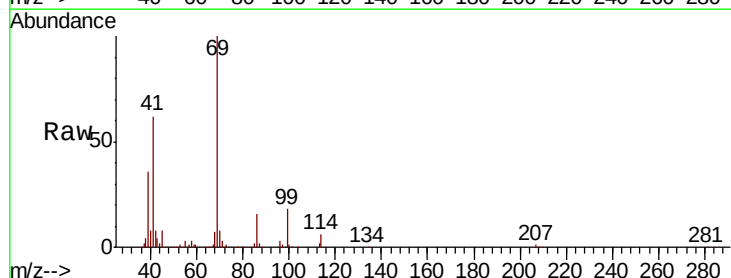
Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Tgt Ion: 69 Resp: 86072

Ion	Ratio	Lower	Upper
69	100		
41	65.2	53.6	80.4
39	35.0	28.2	42.2



Abundance

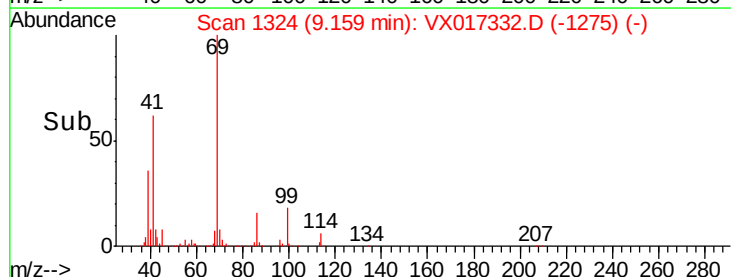
Ion 69.00 (68.70 to 69.70): VX0

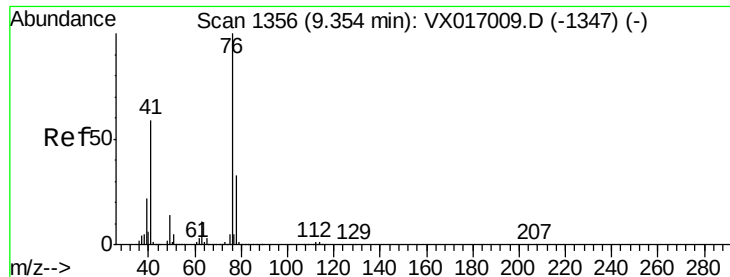
Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.16

Time-->





#57

1,3-Dichloropropane

Concen: 19.320 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Instrument :

MSVOA_X

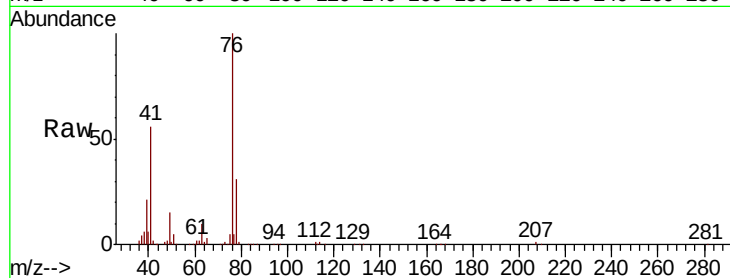
ClientSampleId :

Tot Ion: 76 Resp: 101547

Ion Ratio Lower Upper

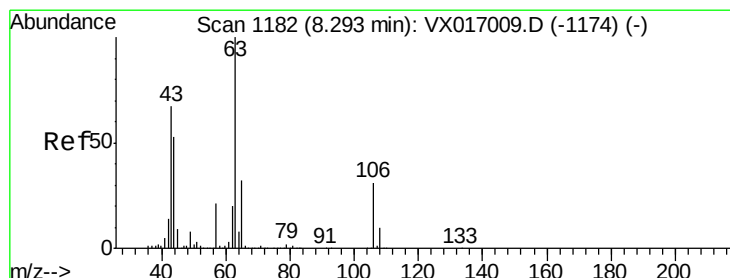
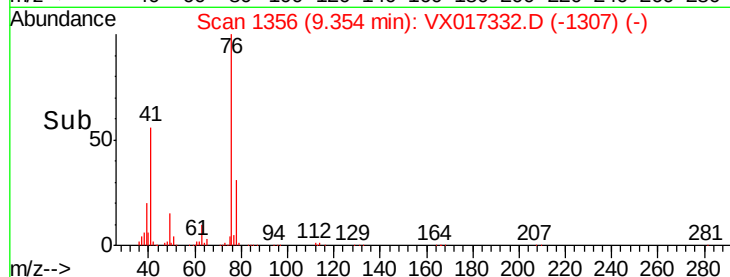
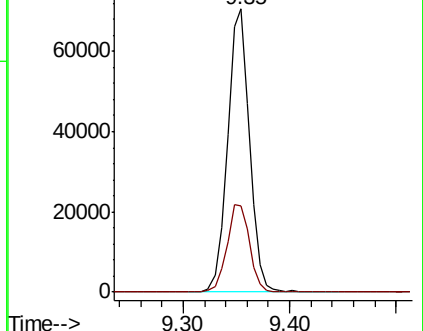
76 100

78 31.9 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 89.967 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017332.D

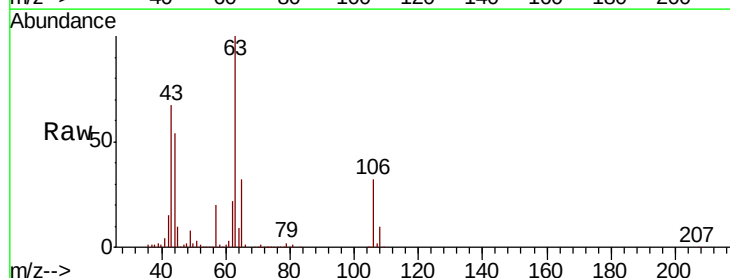
Acq: 10 Jul 2020 14:00

Tgt Ion: 63 Resp: 197956

Ion Ratio Lower Upper

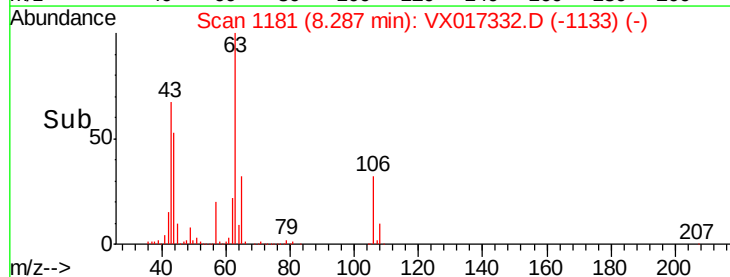
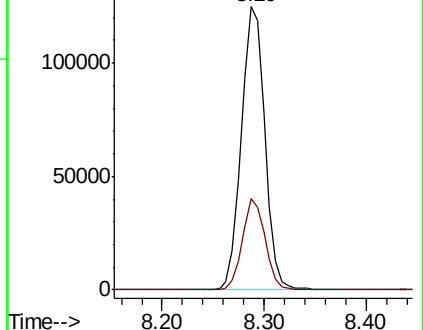
63 100

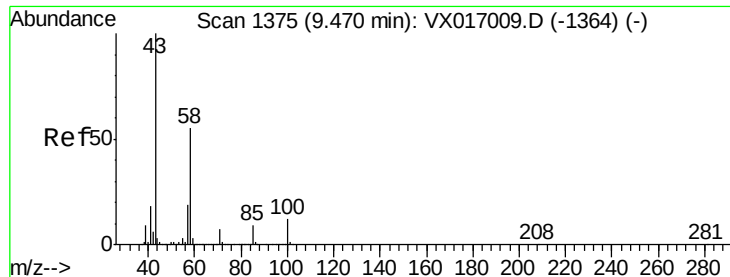
106 31.3 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

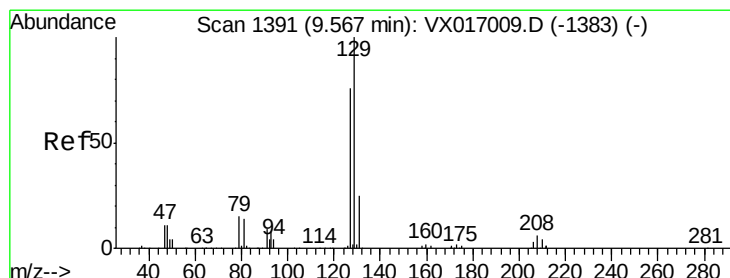
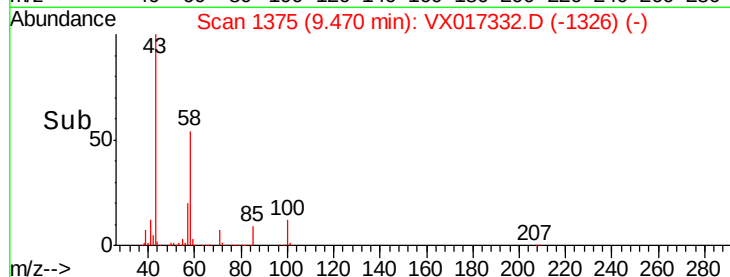
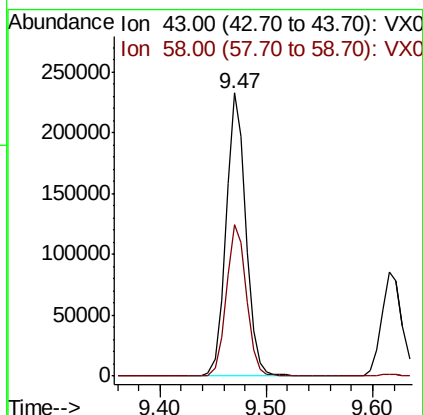
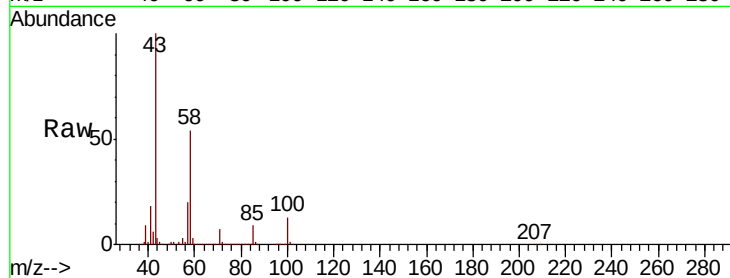




#59
2-Hexanone
Concen: 99.405 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

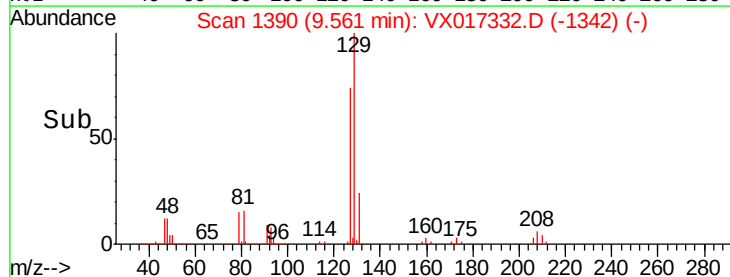
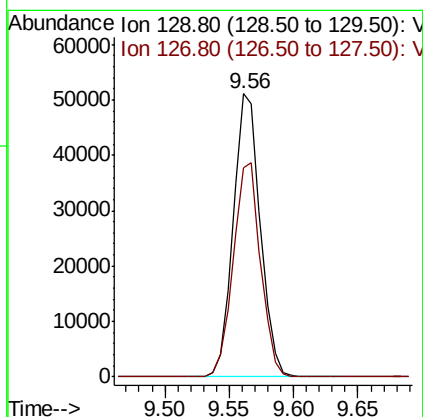
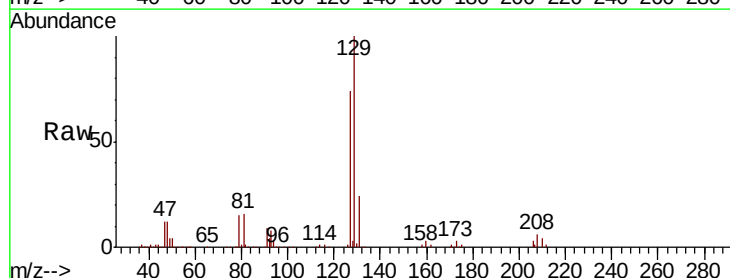
Instrument :
MSVOA_X
ClientSampleId :

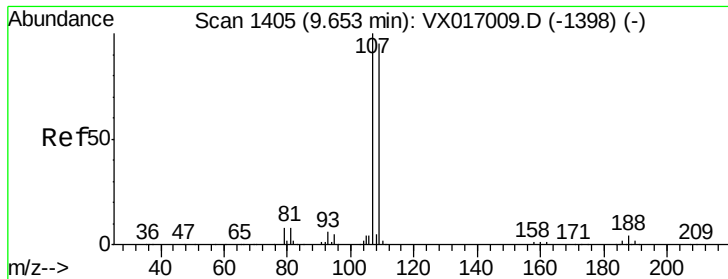
Tot Ion: 43 Resp: 302384
Ion Ratio Lower Upper
43 100
58 54.8 27.9 83.6



#60
Dibromochloromethane
Concen: 20.751 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

Tgt Ion: 129 Resp: 74864
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.7

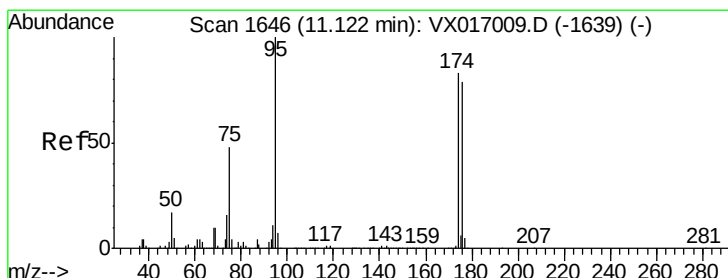
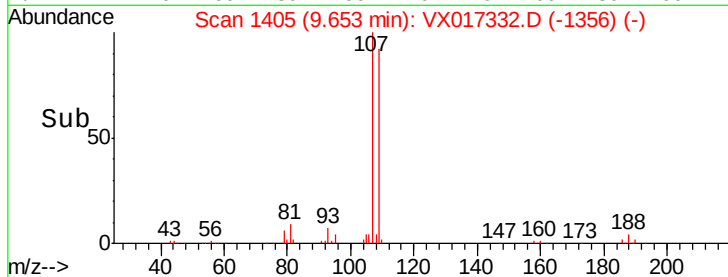
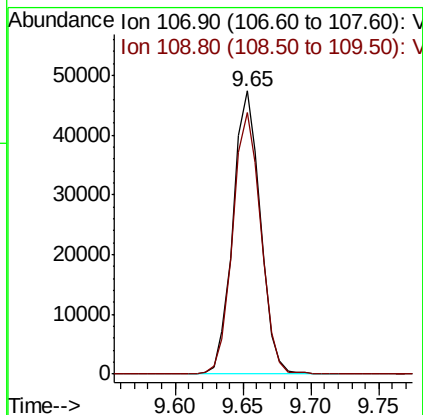
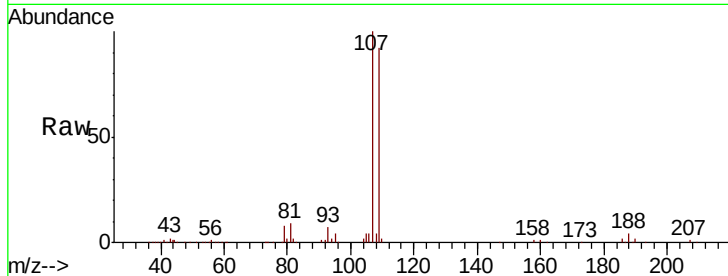




#61
 1,2-Dibromoethane
 Concen: 19.879 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017332.D
 Acq: 10 Jul 2020 14:00

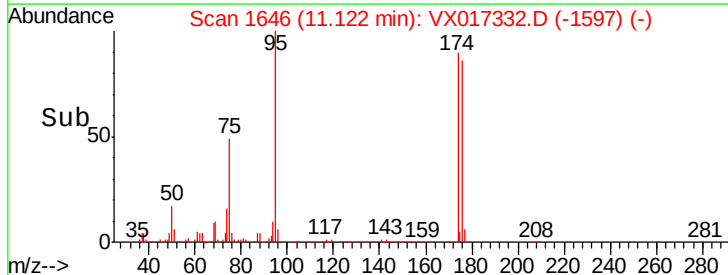
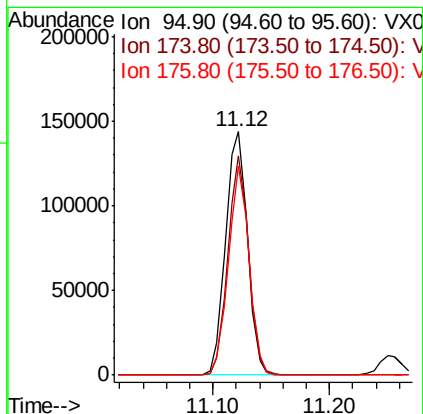
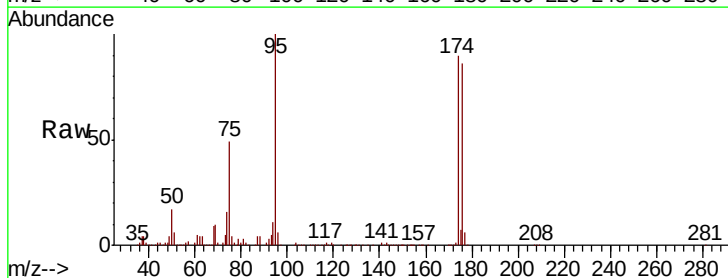
Instrument :
 MSVOA_X
 ClientSampled :

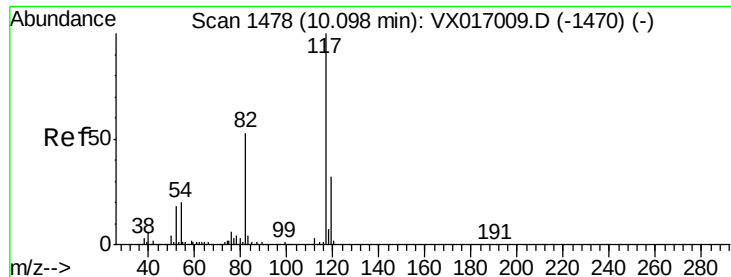
Tot Ion:107 Resp: 66371
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 46.559 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017332.D
 Acq: 10 Jul 2020 14:00

Tgt Ion: 95 Resp: 186680
 Ion Ratio Lower Upper
 95 100
 174 85.9 0.0 164.0
 176 81.8 0.0 157.6

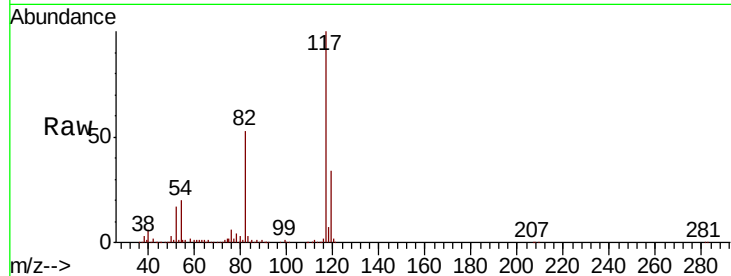




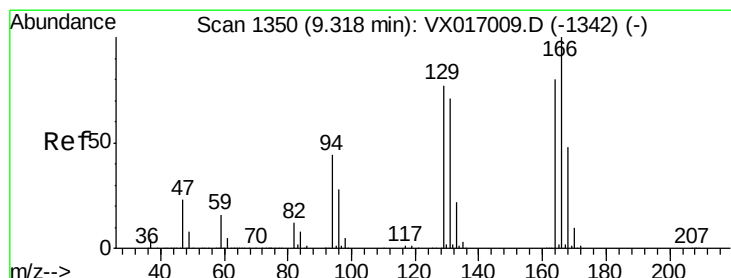
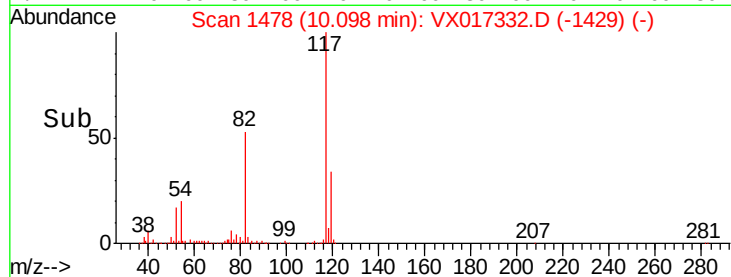
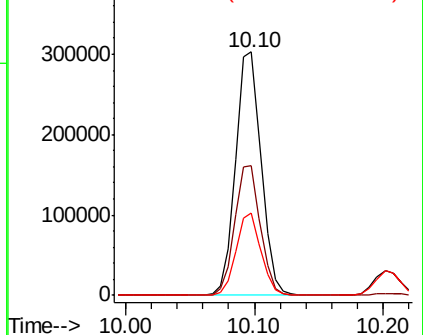
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 419077
Ion Ratio Lower Upper
117 100
82 53.5 42.6 63.8
119 33.6 25.4 38.2

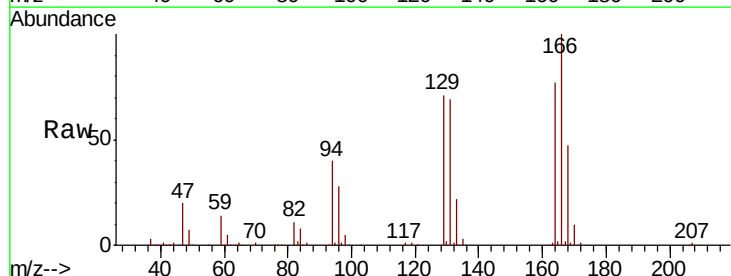


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

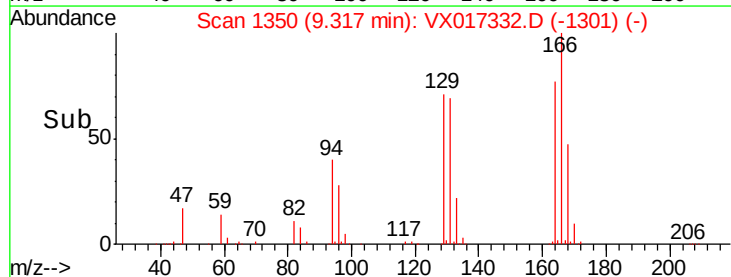
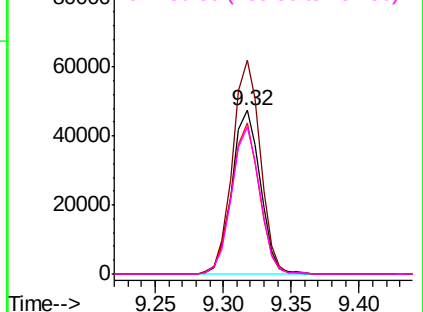


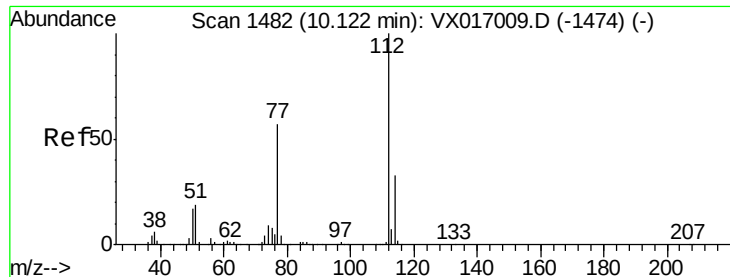
#64
Tetrachloroethene
Concen: 20.435 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

Tgt Ion:164 Resp: 69117
Ion Ratio Lower Upper
164 100
166 130.4 99.4 149.0
129 92.6 76.3 114.5
131 89.6 70.6 105.8



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

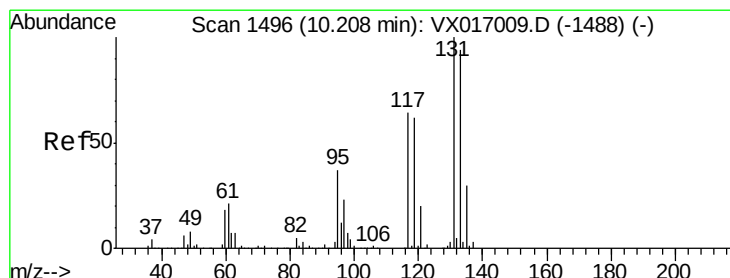
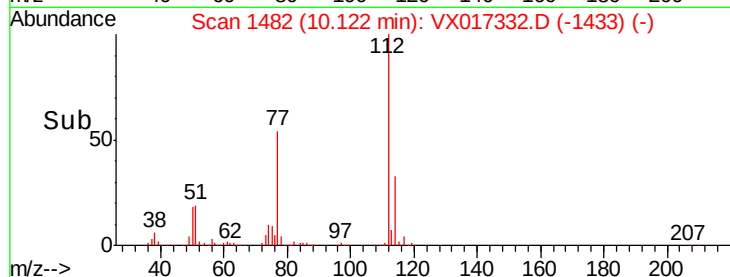
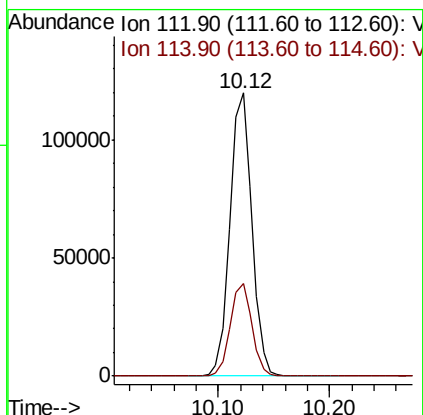
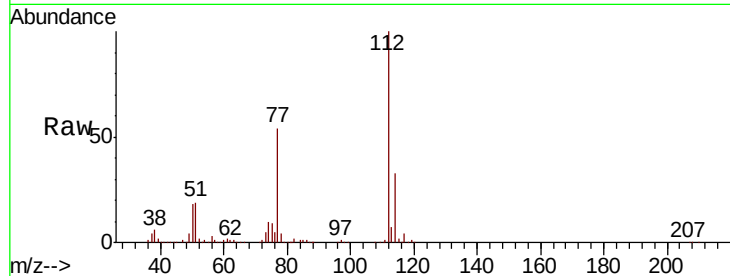




#65
Chlorobenzene
Concen: 18.836 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

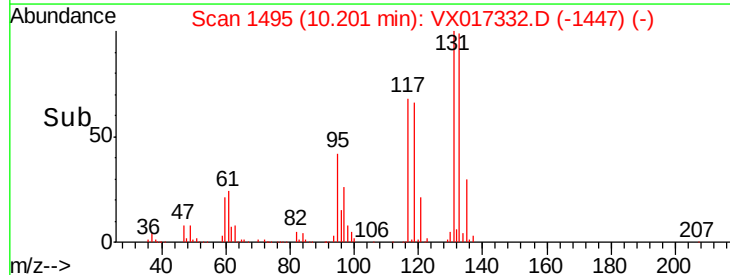
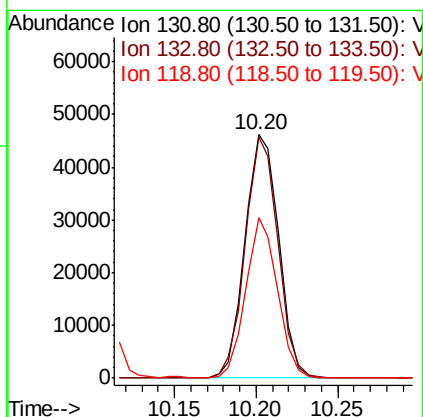
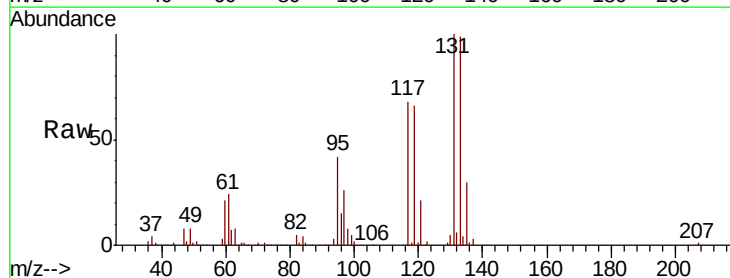
Instrument :
MSVOA_X
ClientSampleId :

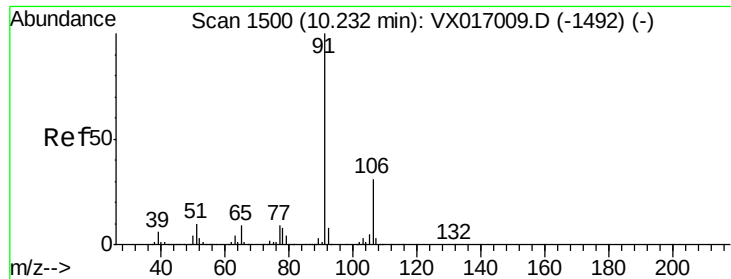
Tot Ion:112 Resp: 162918
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.938 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

Tgt Ion:131 Resp: 66463
Ion Ratio Lower Upper
131 100
133 96.5 47.3 141.9
119 62.0 31.9 95.5





#67

Ethyl Benzene

Concen: 18.901 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Instrument :

MSVOA_X

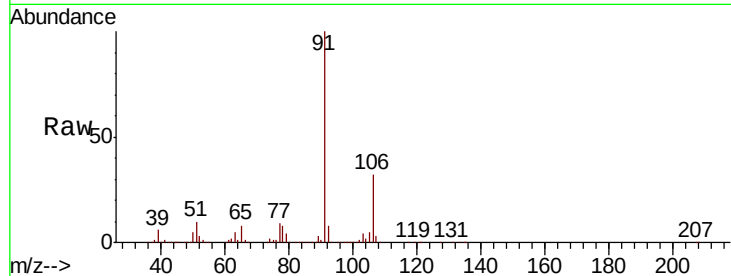
ClientSampled :

Tot Ion: 91 Resp: 273027

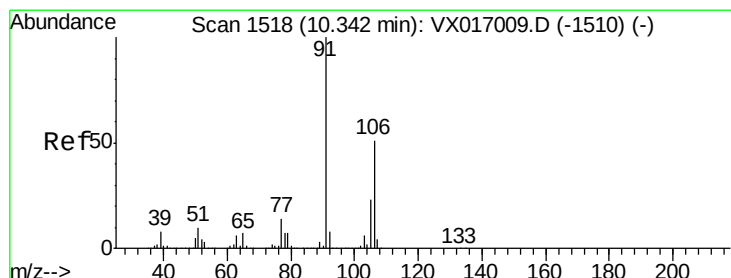
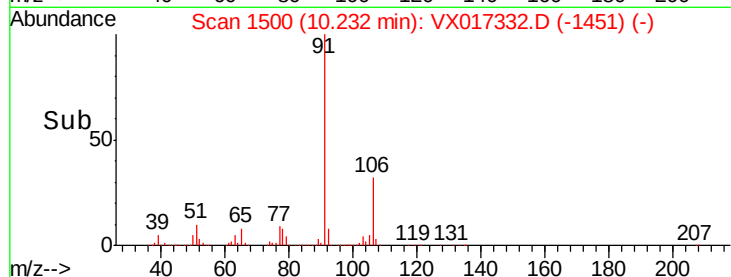
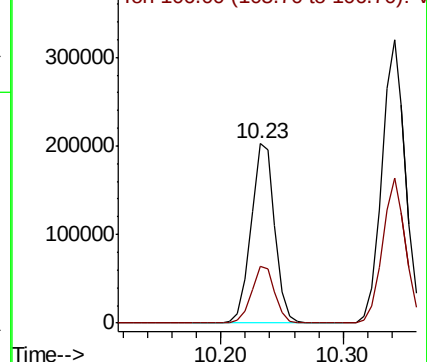
Ion Ratio Lower Upper

91 100

106 31.9 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1492) (-)



#68

m/p-Xylenes

Concen: 38.741 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017332.D

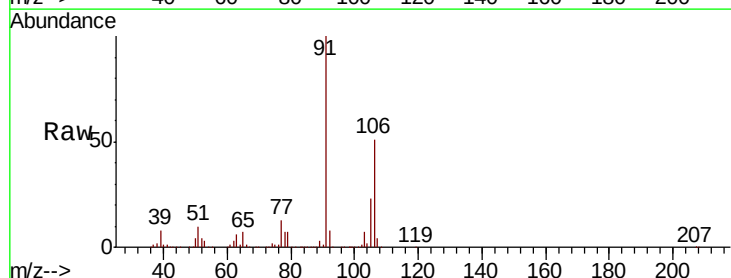
Acq: 10 Jul 2020 14:00

Tgt Ion: 106 Resp: 214867

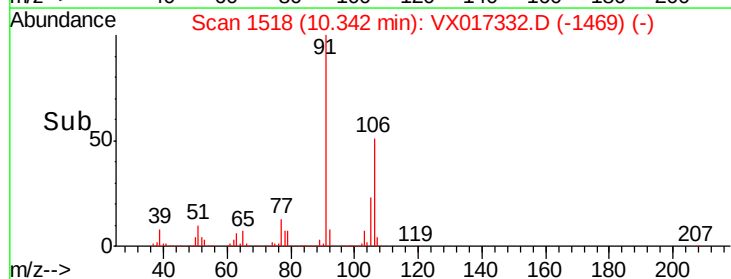
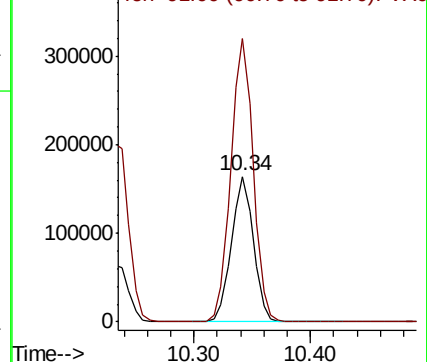
Ion Ratio Lower Upper

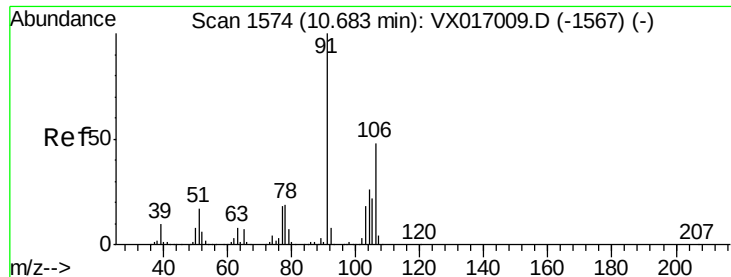
106 100

91 198.0 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): VX017009.D (-1510) (-)

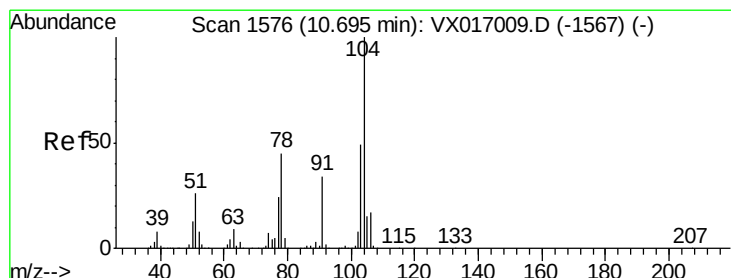
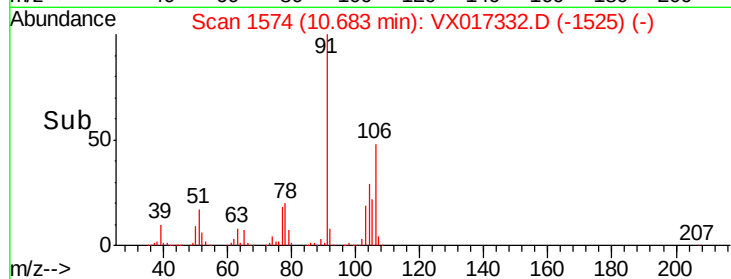
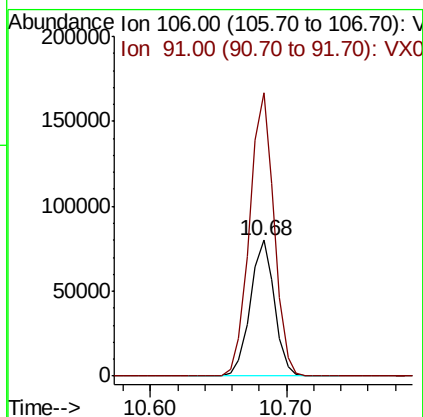
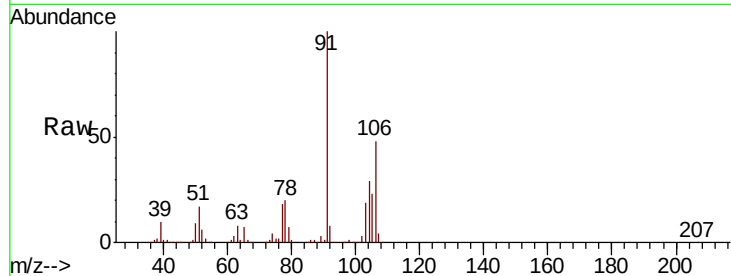




#69
o-Xylene
Concen: 18.889 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

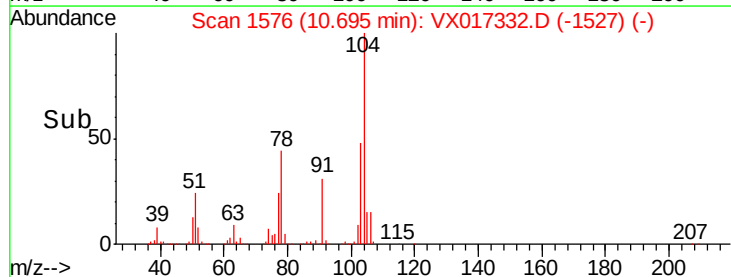
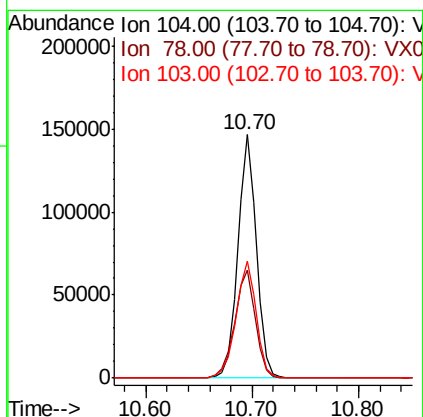
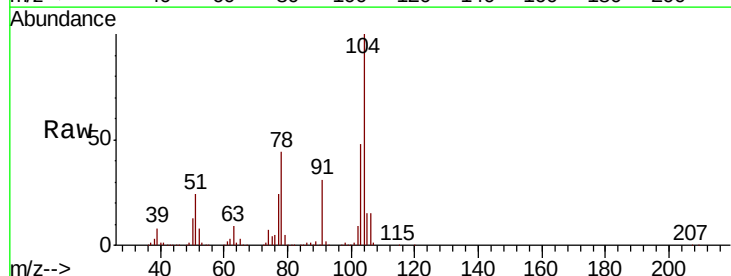
Instrument :
MSVOA_X
ClientSampled :

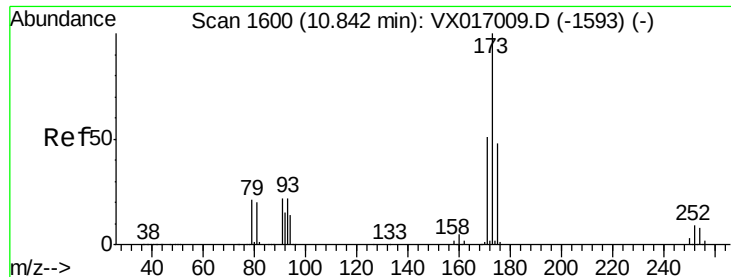
Tot Ion:106 Resp: 99662
Ion Ratio Lower Upper
106 100
91 212.2 105.6 316.7



#70
Styrene
Concen: 19.991 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

Tgt Ion:104 Resp: 179617
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 52.8 43.0 64.6





#71

Bromoform

Concen: 21.363 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Instrument :

MSVOA_X

ClientSampled :

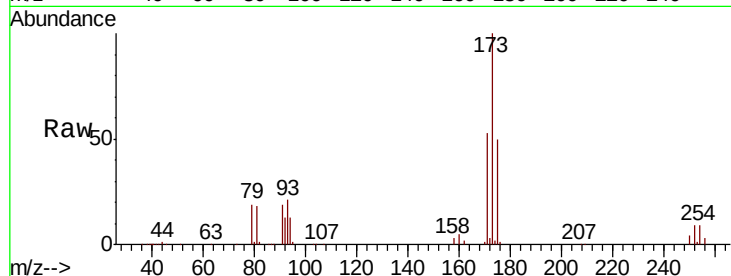
Tot Ion:173 Resp: 56471

Ion Ratio Lower Upper

173 100

175 48.5 24.5 73.5

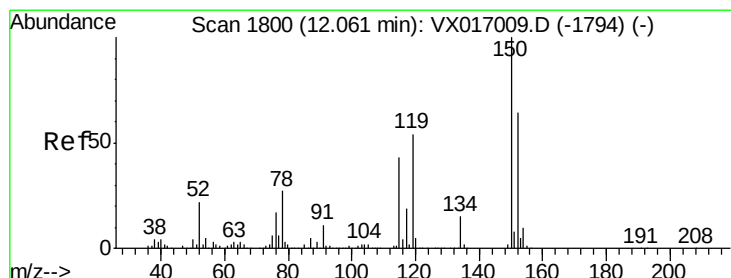
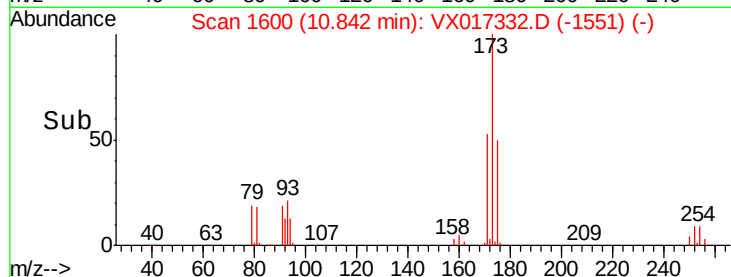
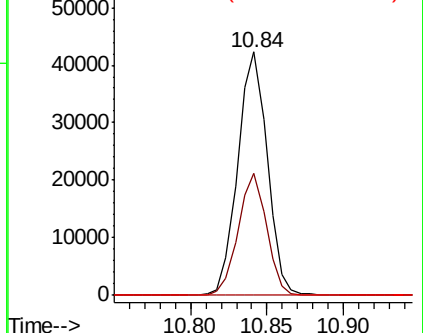
254 0.0 0.1 0.1#



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: VX017332.D

Acq: 10 Jul 2020 14:00

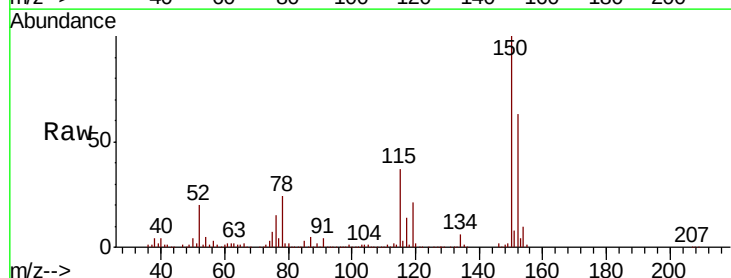
Tgt Ion:152 Resp: 227791

Ion Ratio Lower Upper

152 100

115 64.6 40.9 122.7

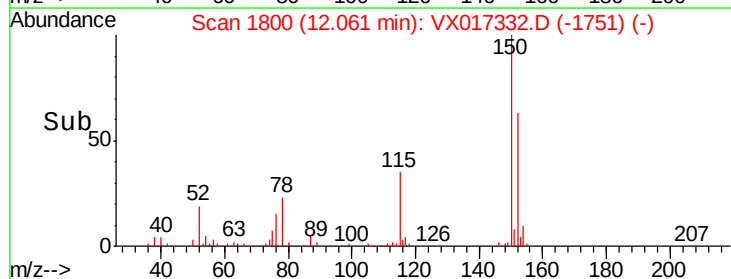
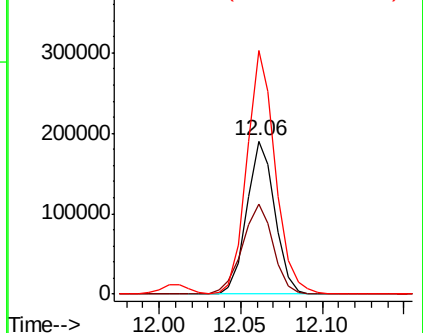
150 161.9 0.0 351.6

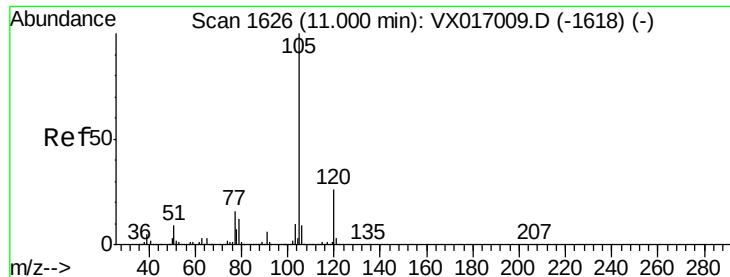


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.691 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Instrument :

MSVOA_X

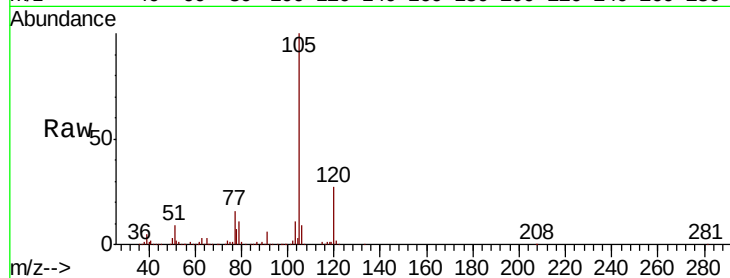
ClientSampleId :

Tot Ion:105 Resp: 278876

Ion Ratio Lower Upper

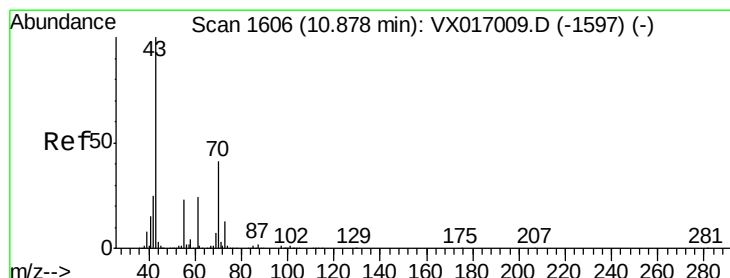
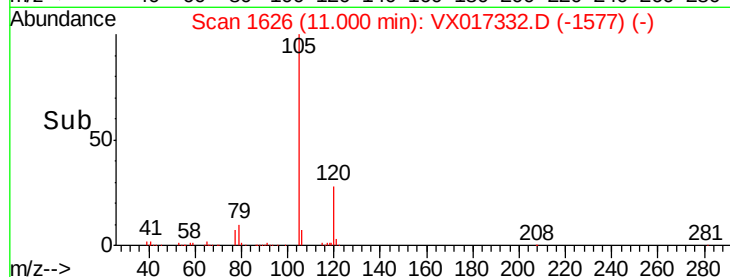
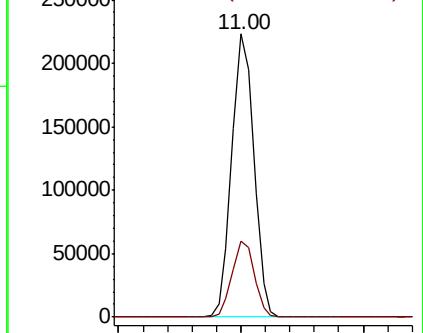
105 100

120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.613 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Tgt Ion: 43 Resp: 112134

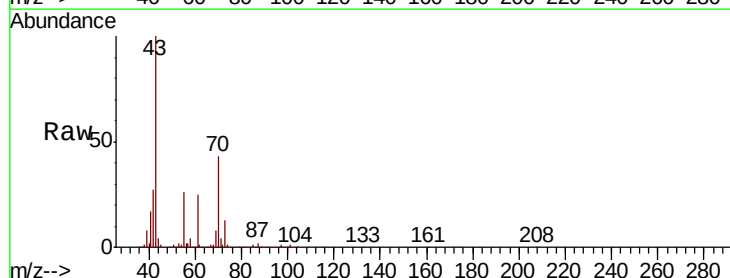
Ion Ratio Lower Upper

43 100

70 43.6 34.2 51.2

55 26.1 19.2 28.8

61 24.8 19.6 29.4

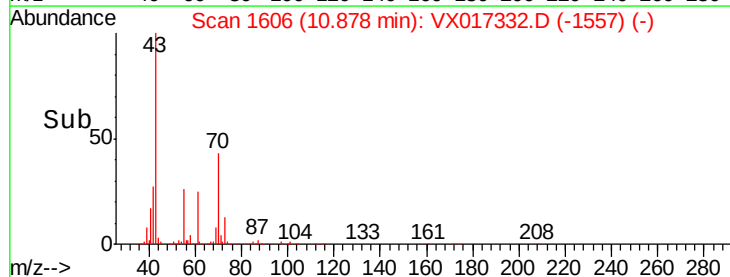
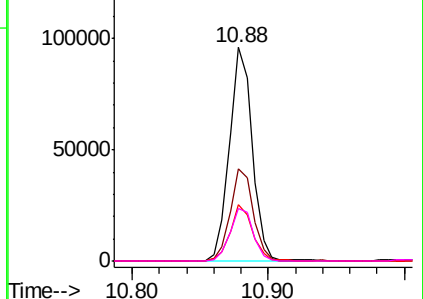


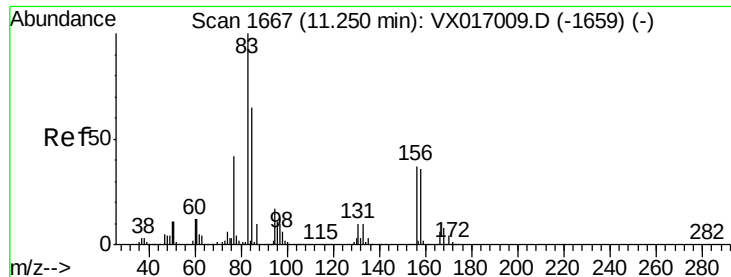
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.444 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

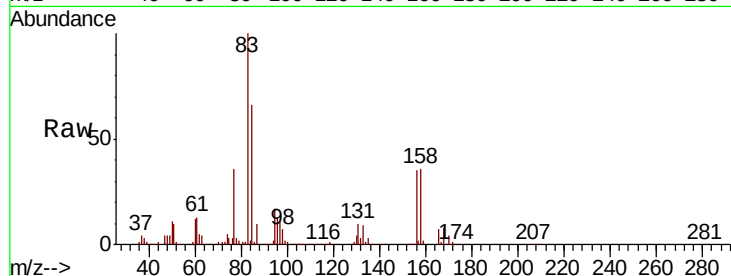
Tot Ion: 83 Resp: 86563

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

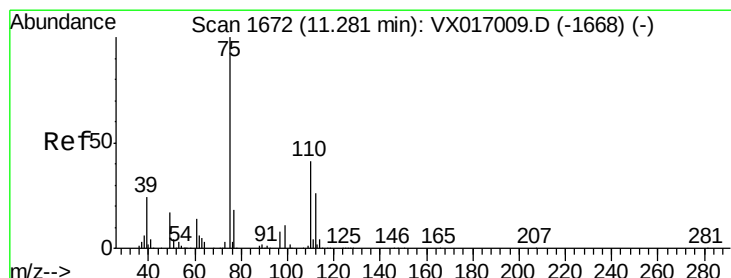
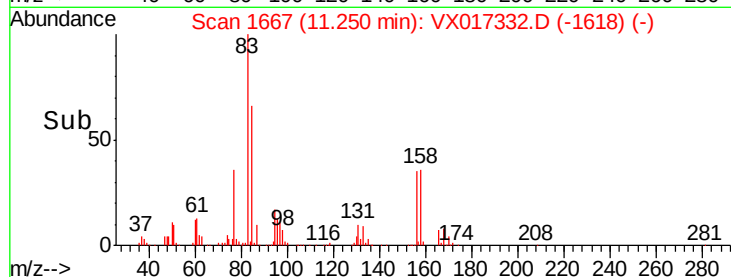
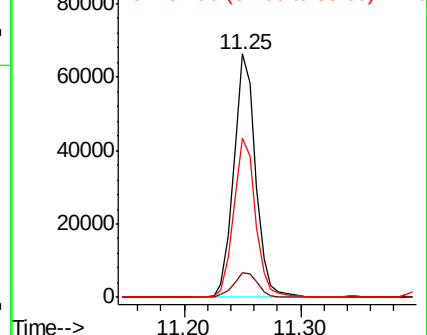
85 65.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.392 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017332.D

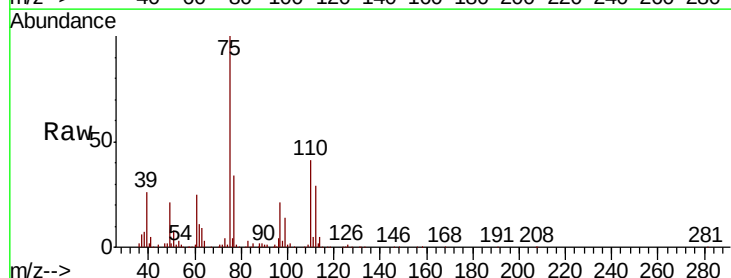
Acq: 10 Jul 2020 14:00

Tgt Ion: 75 Resp: 109262

Ion Ratio Lower Upper

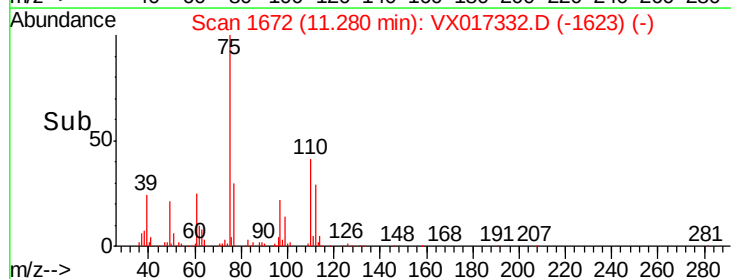
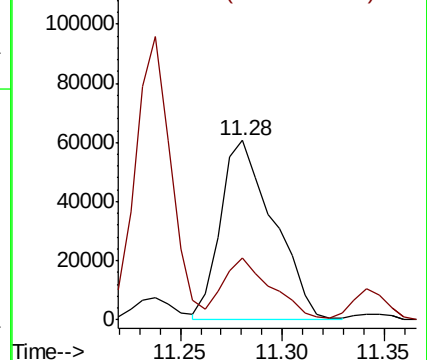
75 100

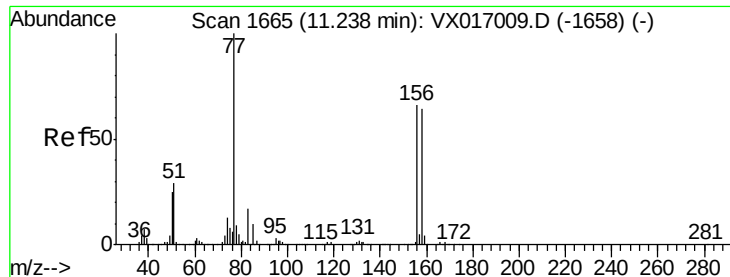
77 31.4 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.021 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

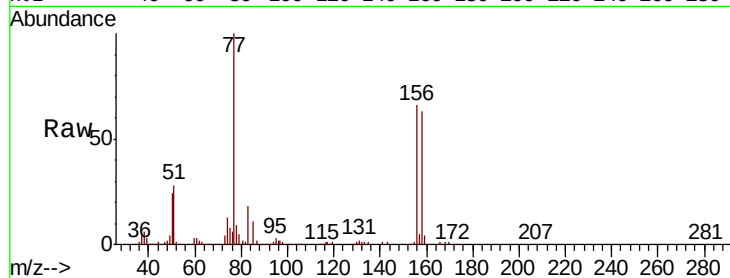
Tot Ion:156 Resp: 77999

Ion Ratio Lower Upper

156 100

77 149.1 76.9 230.7

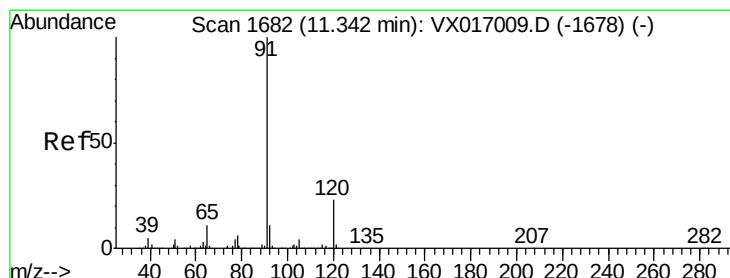
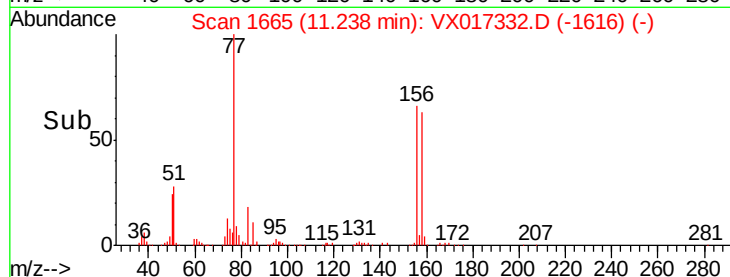
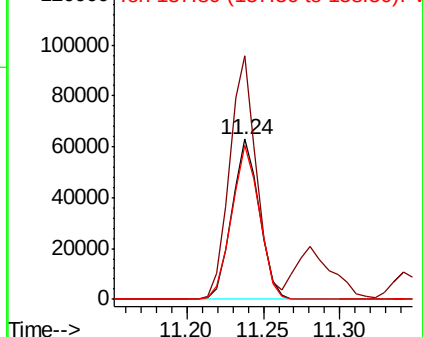
158 97.4 47.9 143.6



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: 18.642 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017332.D

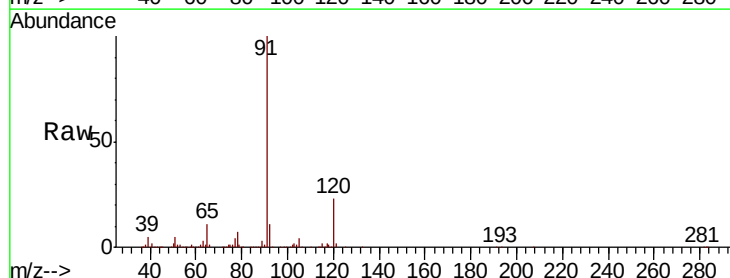
Acq: 10 Jul 2020 14:00

Tgt Ion: 91 Resp: 314546

Ion Ratio Lower Upper

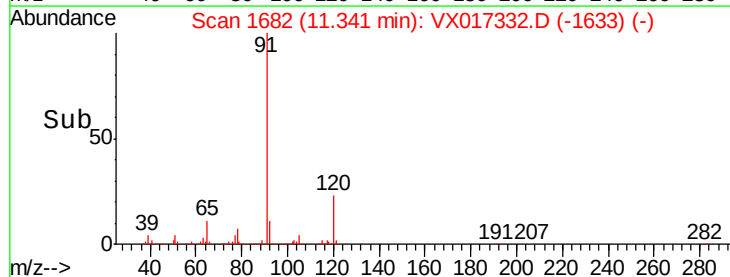
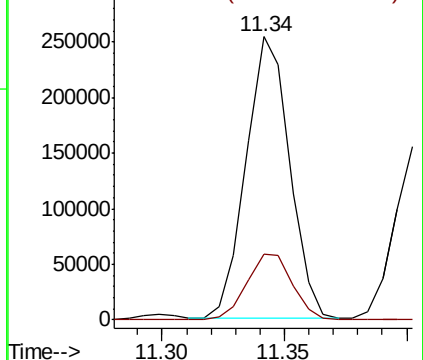
91 100

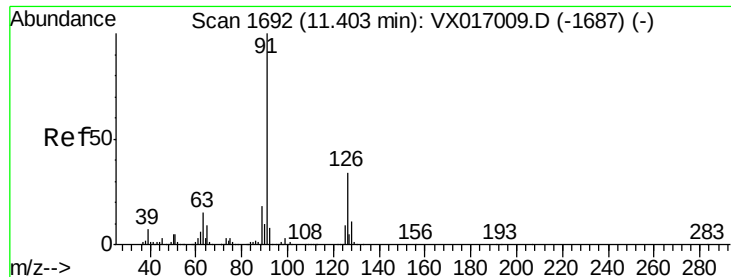
120 24.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.918 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Instrument :

MSVOA_X

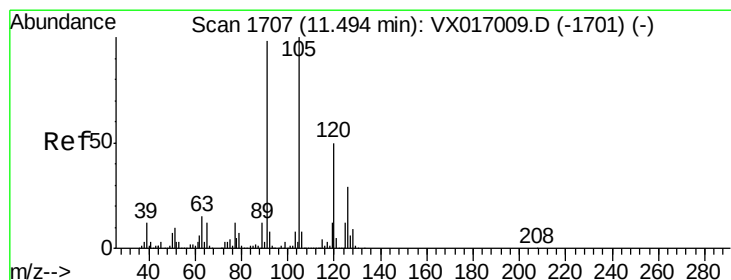
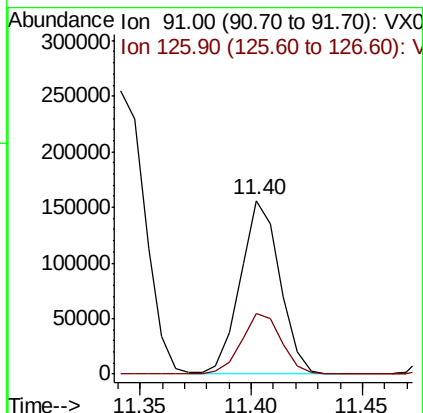
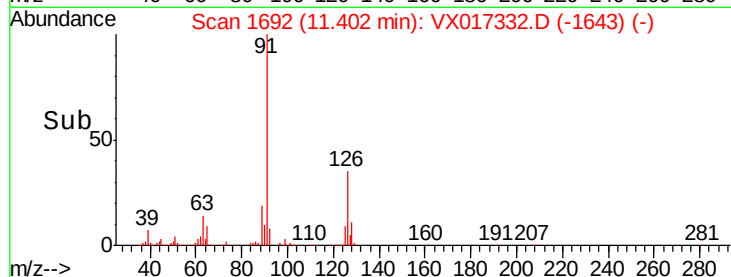
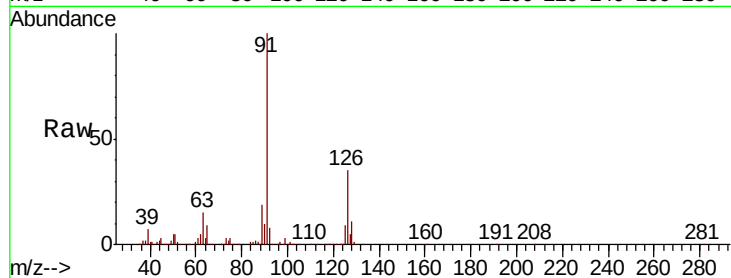
ClientSampled :

Tot Ion: 91 Resp: 193186

Ion Ratio Lower Upper

91 100

126 35.7 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 19.457 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017332.D

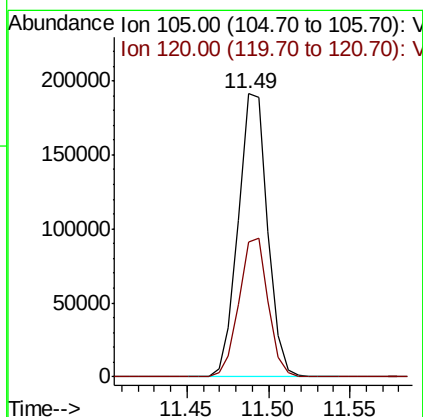
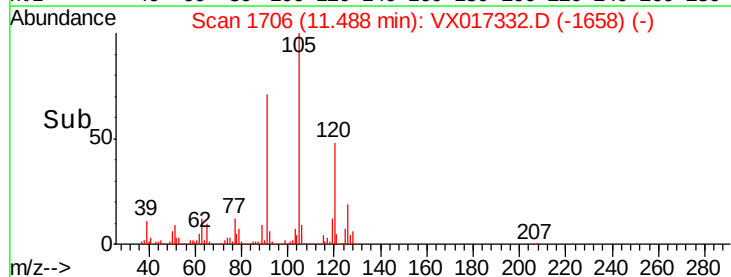
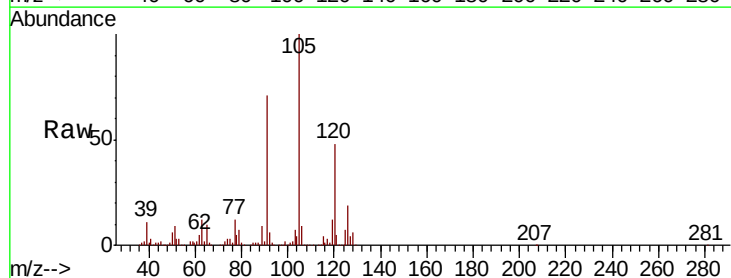
Acq: 10 Jul 2020 14:00

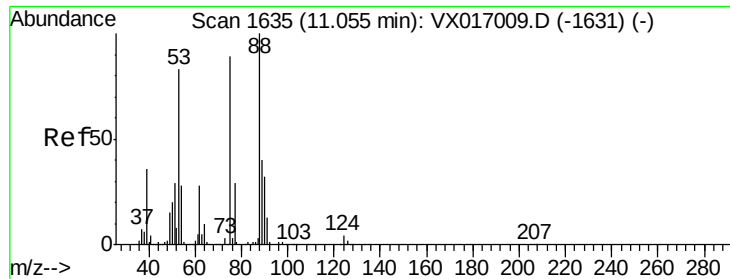
Tgt Ion: 105 Resp: 240800

Ion Ratio Lower Upper

105 100

120 48.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.991 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

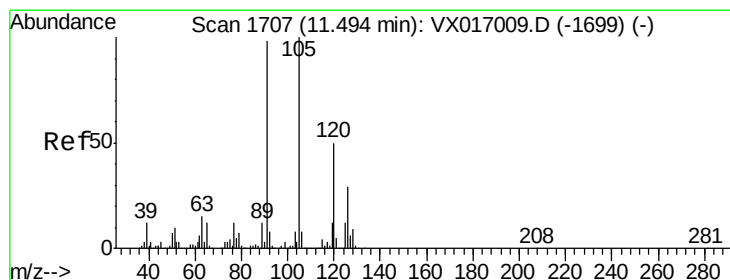
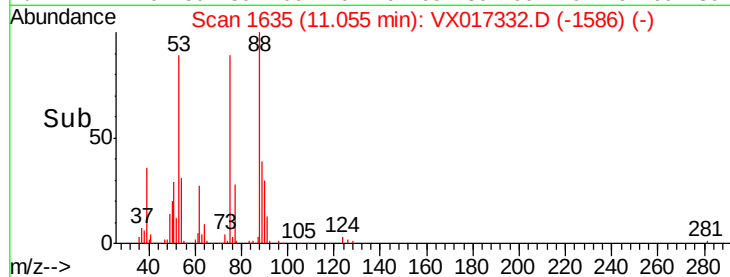
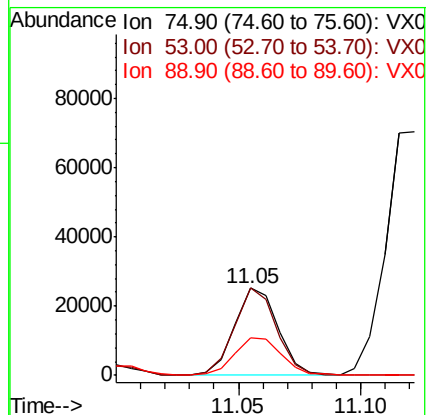
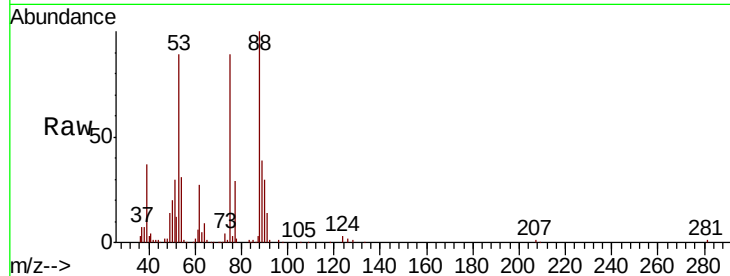
Tot Ion: 75 Resp: 31119

Ion Ratio Lower Upper

75 100

53 96.7 72.4 108.6

89 47.0 37.0 55.4



#82

4-Chlorotoluene

Concen: 19.025 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017332.D

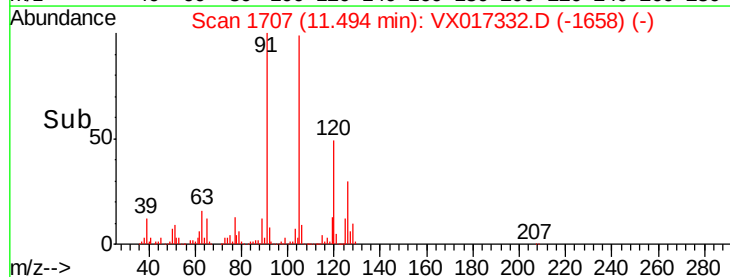
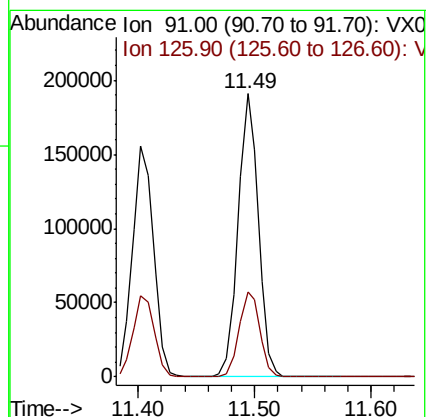
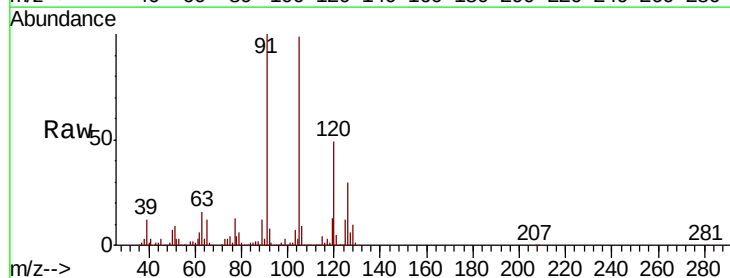
Acq: 10 Jul 2020 14:00

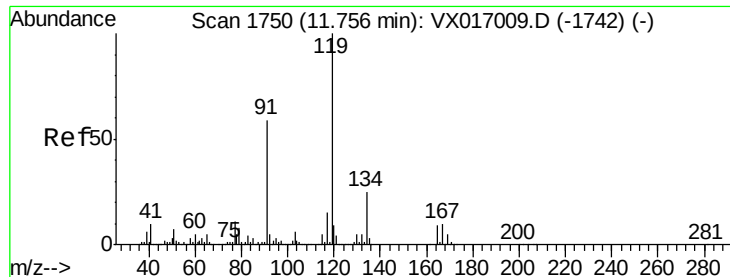
Tgt Ion: 91 Resp: 232245

Ion Ratio Lower Upper

91 100

126 30.8 15.2 45.5

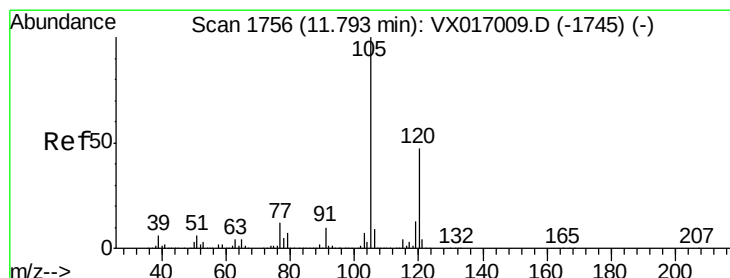
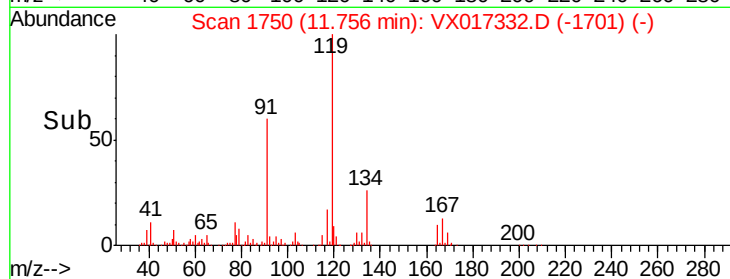
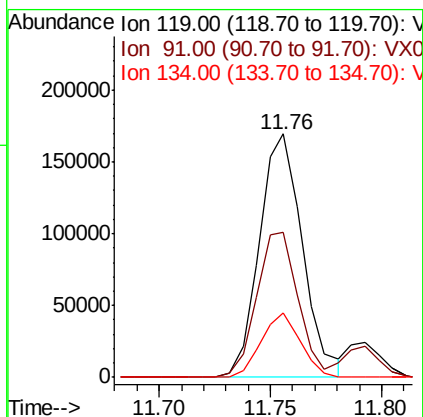
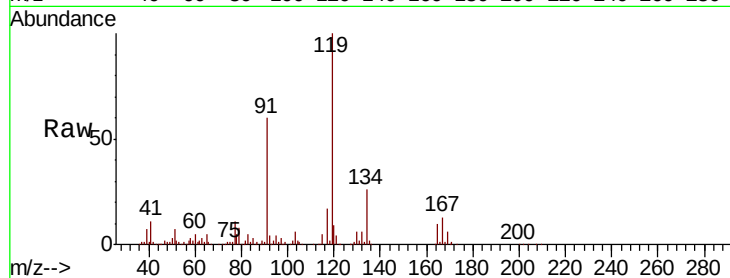




#83
 tert-Butylbenzene
 Concen: 18.795 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017332.D
 Acq: 10 Jul 2020 14:00

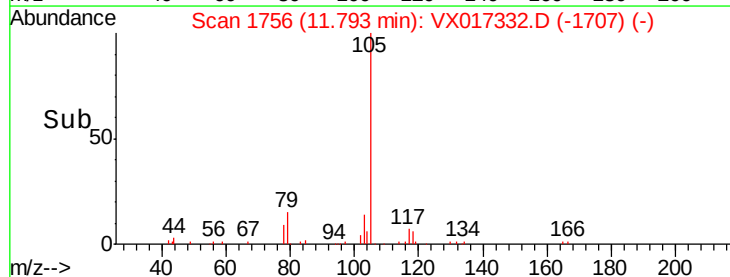
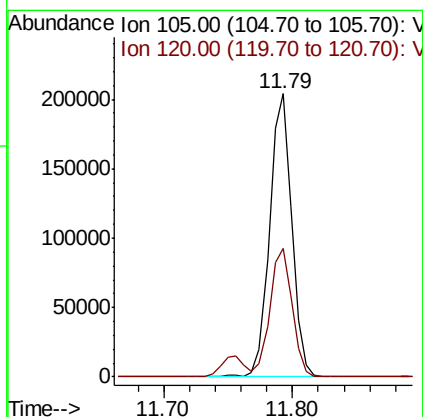
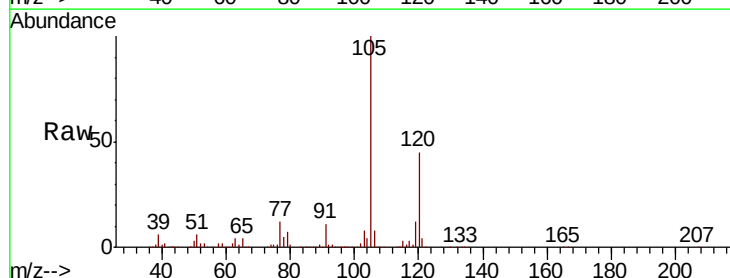
Instrument :
 MSVOA_X
 ClientSampleId :

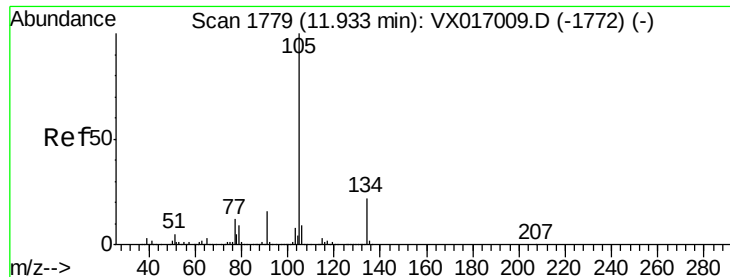
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.3	28.3	84.9
134	24.2	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.523 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017332.D
 Acq: 10 Jul 2020 14:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.9	68.5





#85

sec-Butylbenzene

Concen: 18.802 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Instrument :

MSVOA_X

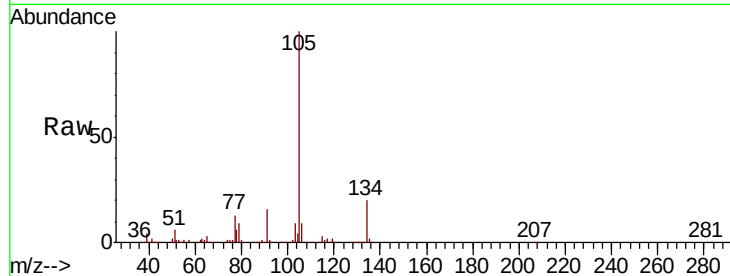
ClientSampleId :

Tot Ion:105 Resp: 268505

Ion Ratio Lower Upper

105 100

134 20.8 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

200000

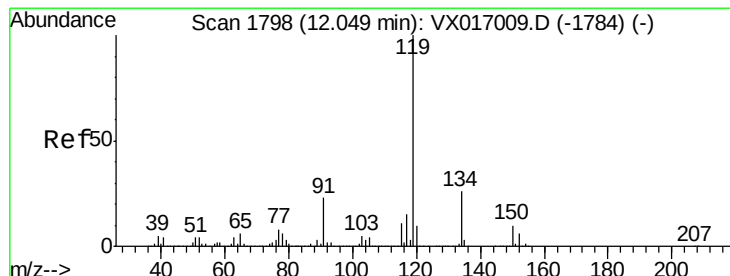
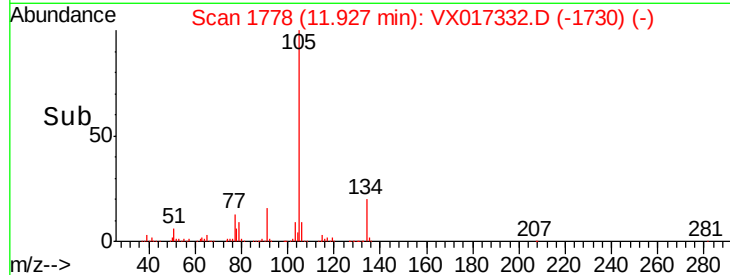
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.539 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

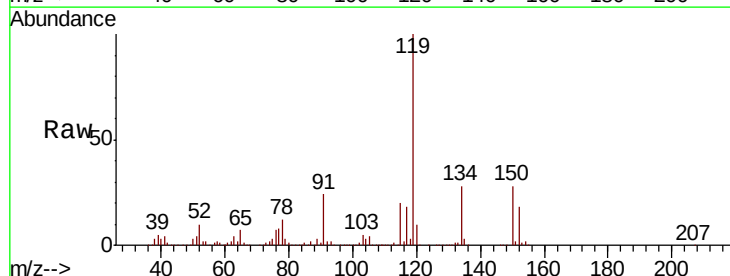
Tgt Ion:119 Resp: 259768

Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 23.8 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

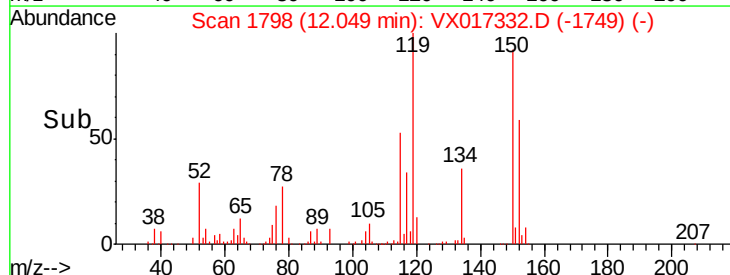
150000

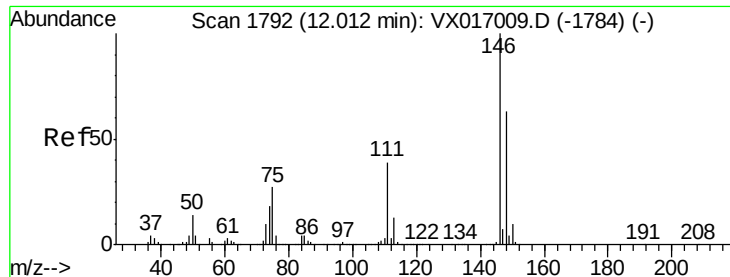
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.886 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017332.D

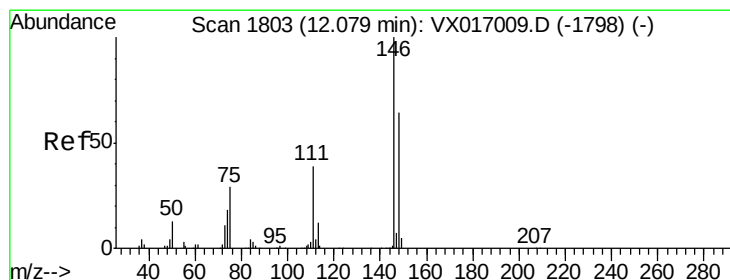
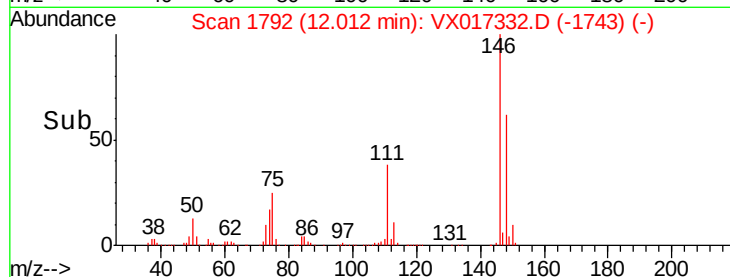
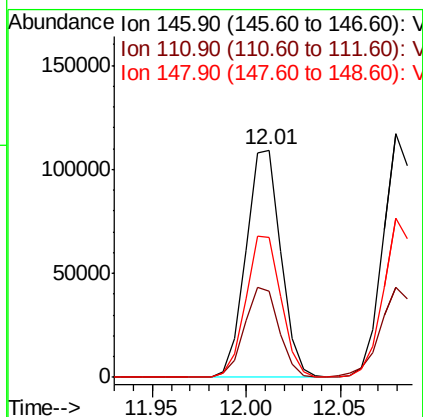
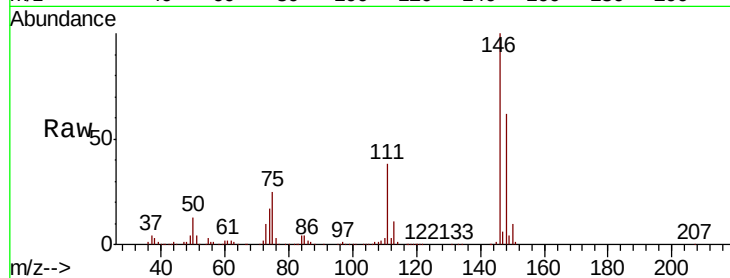
Acq: 10 Jul 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	140656
Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.4	61.2
148	62.7	32.5	97.5



#88

1,4-Dichlorobenzene

Concen: 20.087 ug/l

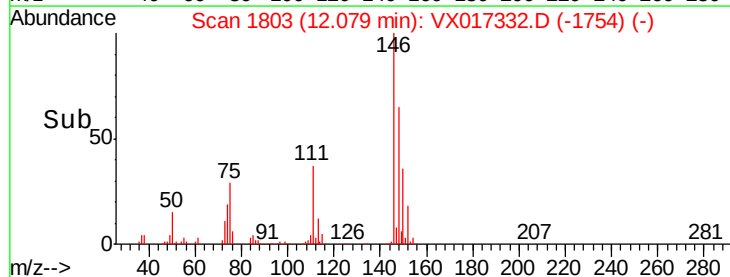
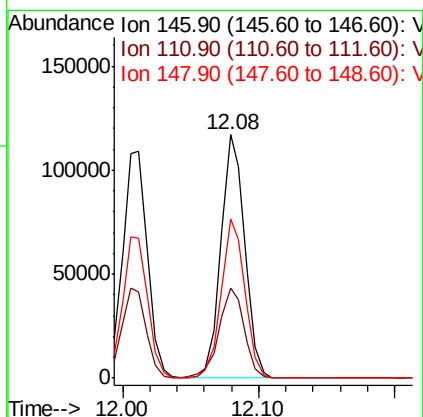
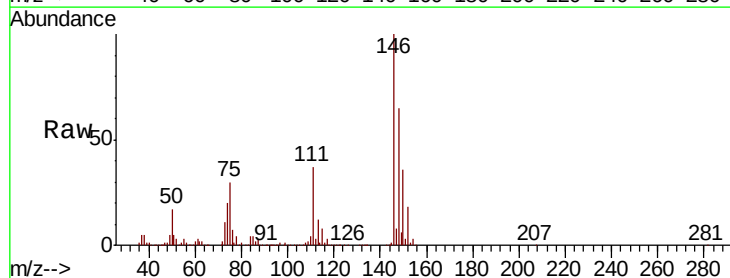
RT: 12.08 min Scan# 1803

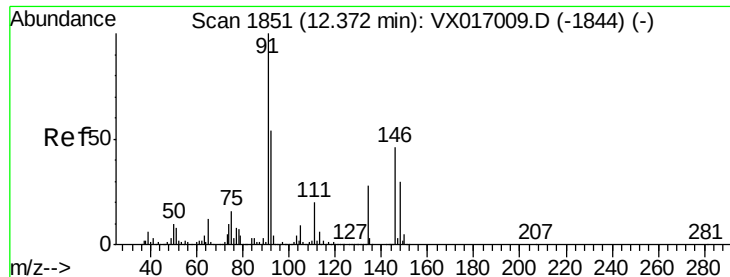
Delta R.T. 0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Tgt Ion:	146	Resp:	141886
Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.5	58.5
148	64.7	31.9	95.7

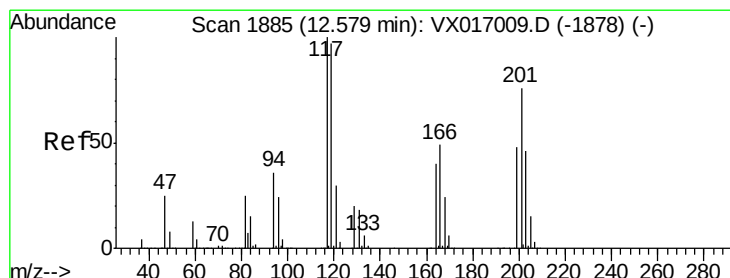
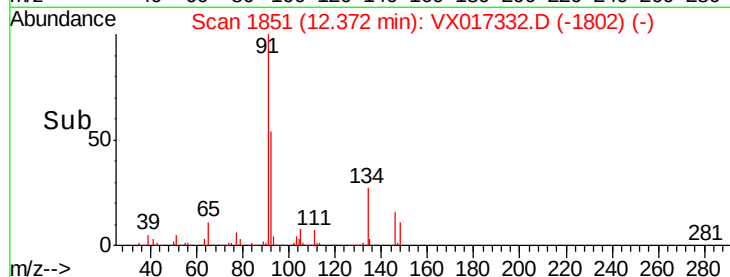
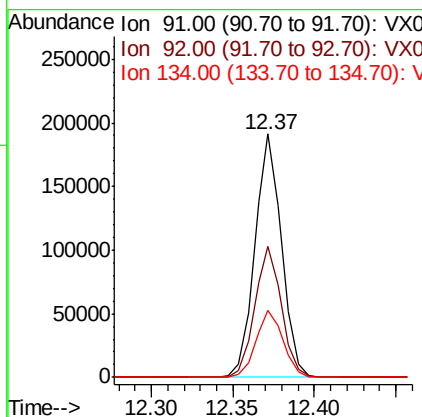
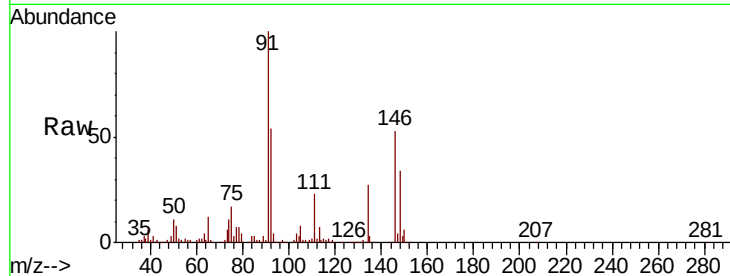




#89
n-Butylbenzene
Concen: 18.247 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

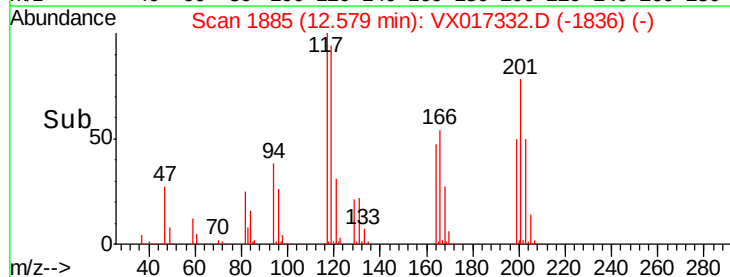
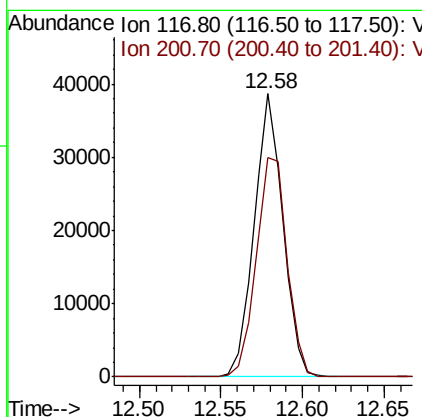
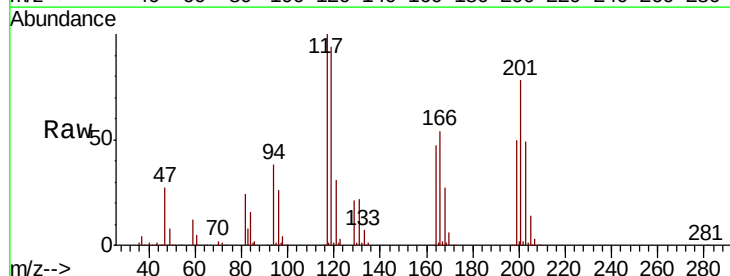
Instrument :
MSVOA_X
ClientSampled :

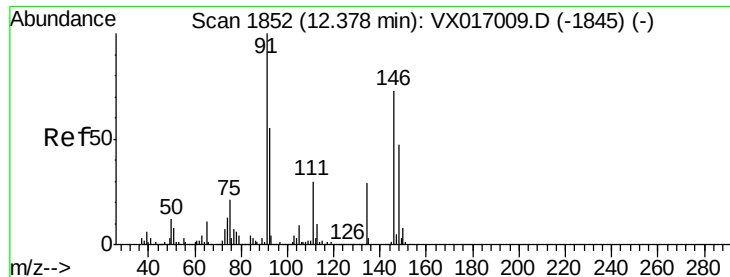
Tot Ion: 91 Resp: 216607
Ion Ratio Lower Upper
91 100
92 53.8 27.2 81.6
134 27.7 13.6 40.7



#90
Hexachloroethane
Concen: 18.070 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

Tgt Ion: 117 Resp: 47375
Ion Ratio Lower Upper
117 100
201 83.4 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 19.203 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

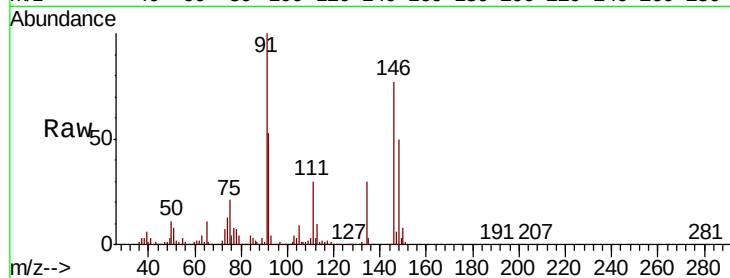
Tot Ion:146 Resp: 133687

Ion Ratio Lower Upper

146 100

111 41.5 20.6 61.9

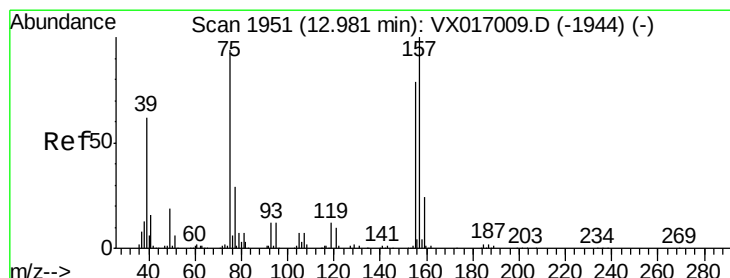
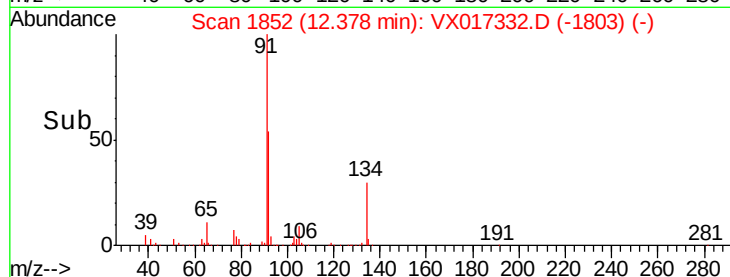
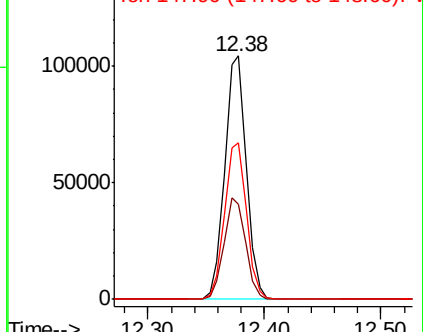
148 65.4 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.919 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

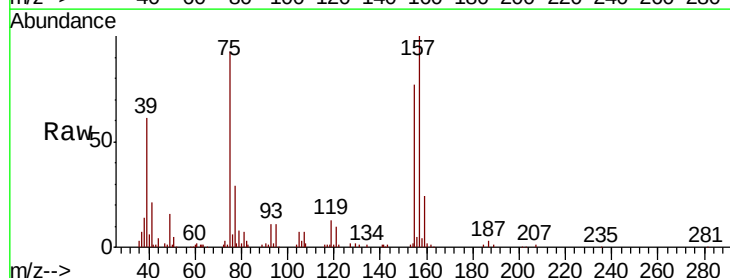
Tgt Ion: 75 Resp: 20063

Ion Ratio Lower Upper

75 100

155 92.4 45.1 135.2

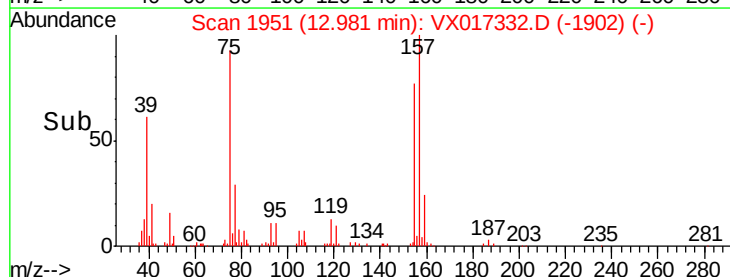
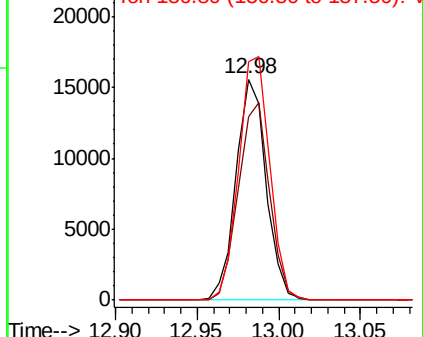
157 113.5 56.5 169.3

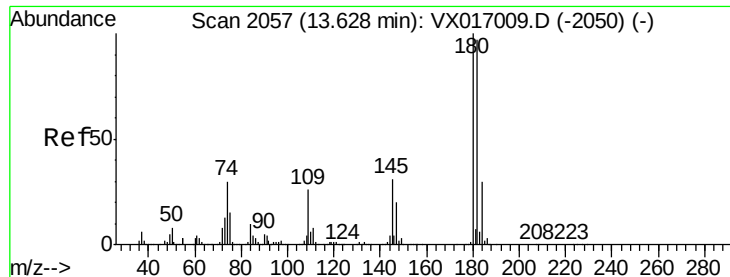


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 19.550 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

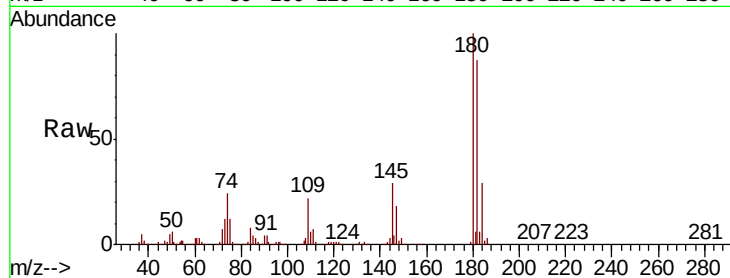
Tot Ion:180 Resp: 92893

Ion Ratio Lower Upper

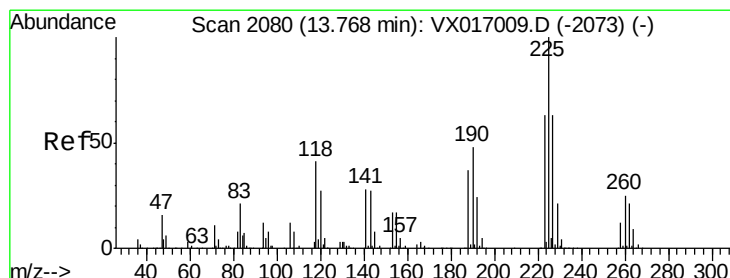
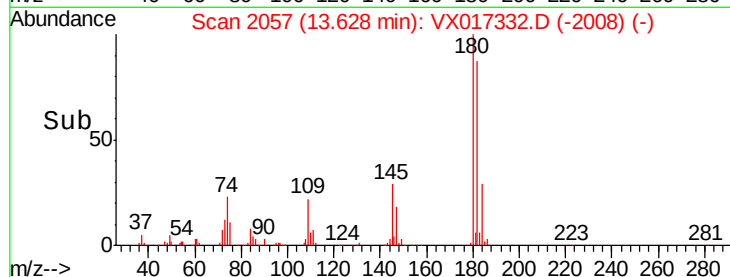
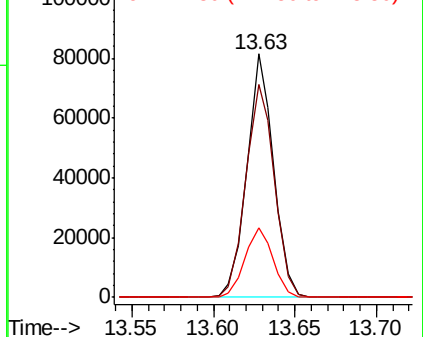
180 100

182 93.8 47.3 141.9

145 30.0 15.4 46.2



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



#94

Hexachlorobutadiene

Concen: 20.524 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX017332.D

Acq: 10 Jul 2020 14:00

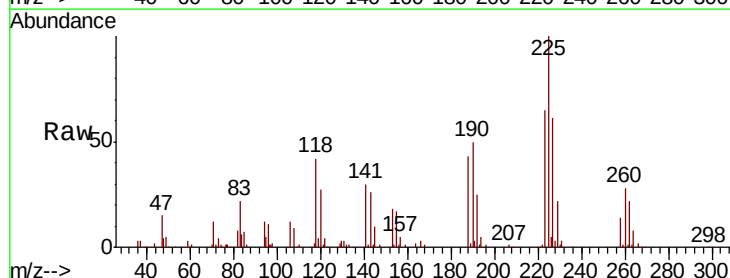
Tgt Ion:225 Resp: 36099

Ion Ratio Lower Upper

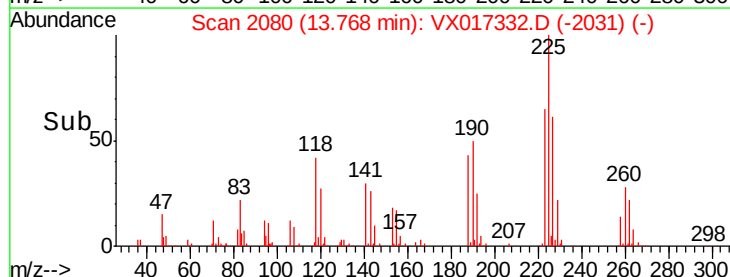
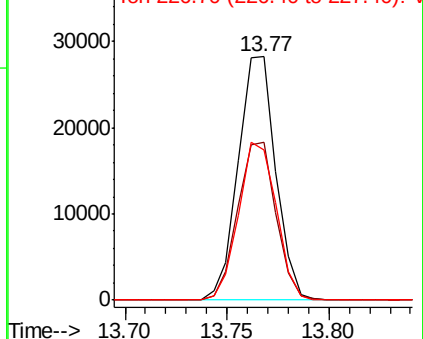
225 100

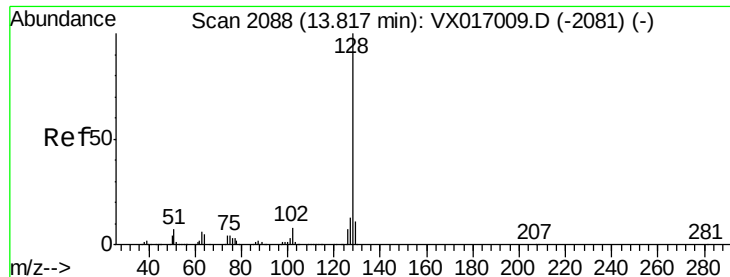
223 66.0 32.5 97.5

227 65.3 33.1 99.2



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

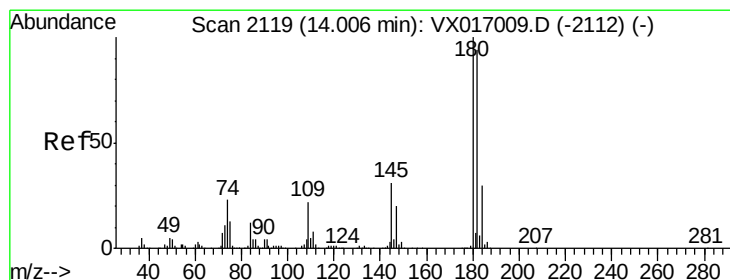
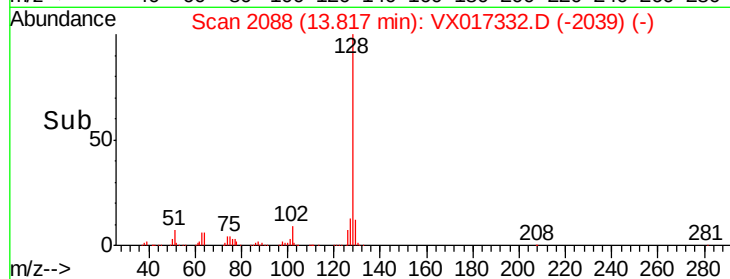
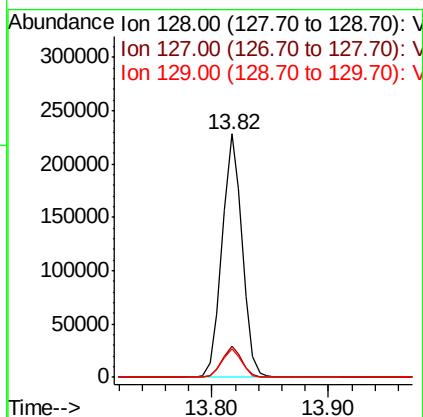
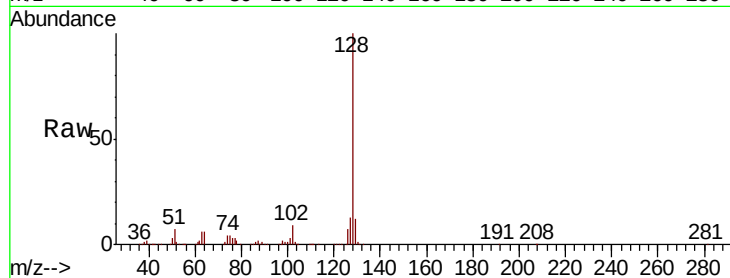




#95
Naphthalene
Concen: 18.690 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 269994
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.490 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX017332.D
Acq: 10 Jul 2020 14:00

Tgt Ion:180 Resp: 89626
Ion Ratio Lower Upper
180 100
182 95.4 47.1 141.4
145 32.2 16.6 49.7

