

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062920\
 Data File : VX017010.D
 Acq On : 29 Jun 2020 15:43
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 29 16:59:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 16:54:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	329686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	515672	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	504882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	262944	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	350658	86.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	172.56%	
35) Dibromofluoromethane	5.46	113	289233	88.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	177.34%	
50) Toluene-d8	8.70	98	1085901	90.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	180.06%	
62) 4-Bromofluorobenzene	11.12	95	439288	93.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	284061	89.061	ug/l	99
3) Chloromethane	1.31	50	327943	84.943	ug/l	100
4) Vinyl Chloride	1.39	62	303750	84.798	ug/l	98
5) Bromomethane	1.62	94	144017	76.099	ug/l	100
6) Chloroethane	1.70	64	177285	83.800	ug/l	95
7) Trichlorofluoromethane	1.91	101	451649	85.254	ug/l	99
8) Diethyl Ether	2.17	74	159961	82.711	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	269787	84.968	ug/l	99
10) Methyl Iodide	2.49	142	392327	95.758	ug/l	97
11) Tert butyl alcohol	3.03	59	348817	449.877	ug/l	99
12) 1,1-Dichloroethene	2.35	96	277123	84.961	ug/l	99
13) Acrolein	2.28	56	206826	446.230	ug/l	98
14) Allyl chloride	2.70	41	518513	86.017	ug/l	100
15) Acrylonitrile	3.12	53	818729	439.247	ug/l	100
16) Acetone	2.42	43	641415	421.861	ug/l	99
17) Carbon Disulfide	2.54	76	816780	81.756	ug/l	99
18) Methyl Acetate	2.75	43	341376	86.008	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	963510	88.014	ug/l	100
20) Methylene Chloride	2.83	84	313165	80.585	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	308787	85.306	ug/l	97
22) Diisopropyl ether	3.82	45	958604	85.920	ug/l	98
23) Vinyl Acetate	3.79	43	4349490	453.677	ug/l	99
24) 1,1-Dichloroethane	3.67	63	545012	85.853	ug/l	100
25) 2-Butanone	4.64	43	1108764	437.650	ug/l	100
26) 2,2-Dichloropropane	4.55	77	467865	83.005	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	349998	85.336	ug/l	100
28) Bromochloromethane	4.98	49	258810	83.780	ug/l	100
29) Tetrahydrofuran	5.09	42	740050	442.110	ug/l	99
30) Chloroform	5.18	83	555196	85.315	ug/l	99
31) Cyclohexane	5.55	56	489474	89.202	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	511166	85.291	ug/l	99
36) 1,1-Dichloropropene	5.77	75	424159	87.030	ug/l	99
37) Ethyl Acetate	4.79	43	440507	89.082	ug/l	100
38) Carbon Tetrachloride	5.75	117	467566	87.102	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	501697	92.519	ug/l	98
40) Benzene	6.11	78	1257759	87.833	ug/l	99
41) Methacrylonitrile	5.01	41	249777	89.747	ug/l	97
42) 1,2-Dichloroethane	6.17	62	452590	87.501	ug/l	100
43) Isopropyl Acetate	6.42	43	748855	91.134	ug/l	100
44) Trichloroethene	7.19	130	359036	83.243	ug/l	99
45) 1,2-Dichloropropane	7.49	63	323816	88.043	ug/l	100
46) Dibromomethane	7.63	93	220760	87.917	ug/l	98
47) Bromodichloromethane	7.88	83	462021	89.284	ug/l	97
48) Methyl methacrylate	7.74	41	369760	94.716	ug/l	99
49) 1,4-Dioxane	7.71	88	161907	1830.675	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2297127	468.977	ug/l	100
52) Toluene	8.77	92	802705	89.783	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	531059	93.014	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	552420	90.258	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	328321	89.881	ug/l	98
56) Ethyl methacrylate	9.16	69	519812	99.980	ug/l	99
57) 1,3-Dichloropropane	9.35	76	542690	87.800	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1285755	496.895	ug/l	100
59) 2-Hexanone	9.48	43	1720186	480.862	ug/l	99
60) Dibromochloromethane	9.57	129	393183	92.675	ug/l	99
61) 1,2-Dibromoethane	9.65	107	355346	90.502	ug/l	99
64) Tetrachloroethene	9.32	164	336131	82.492	ug/l	98
65) Chlorobenzene	10.12	112	896407	86.024	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	350208	87.205	ug/l	99
67) Ethyl Benzene	10.24	91	1585354	91.100	ug/l	98
68) m/p-Xylenes	10.34	106	1213121	181.553	ug/l	99
69) o-Xylene	10.68	106	587633	92.446	ug/l	100
70) Styrene	10.70	104	1039095	95.995	ug/l	100
71) Bromoform	10.84	173	303353	95.257	ug/l	100
73) Isopropylbenzene	11.00	105	1584699	92.010	ug/l	100
74) N-amyl acetate	10.88	43	701815	95.498	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	466883	86.178	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	592626	91.518	ug/l	86
77) Bromobenzene	11.24	156	414204	87.504	ug/l	100
78) n-propylbenzene	11.34	91	1821687	93.533	ug/l	100
79) 2-Chlorotoluene	11.40	91	1080579	91.672	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1346667	94.264	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	183789	92.048	ug/l	98
82) 4-Chlorotoluene	11.49	91	1279324	90.790	ug/l	100
83) tert-Butylbenzene	11.76	119	1310444	93.443	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1393190	96.126	ug/l	100
85) sec-Butylbenzene	11.93	105	1566555	95.030	ug/l	100
86) p-Isopropyltoluene	12.05	119	1454687	94.792	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	733794	85.354	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	737377	85.284	ug/l	99
89) n-Butylbenzene	12.37	91	1278315	93.290	ug/l	100
90) Hexachloroethane	12.58	117	275090	90.900	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	695743	86.578	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	112699	87.201	ug/l	98

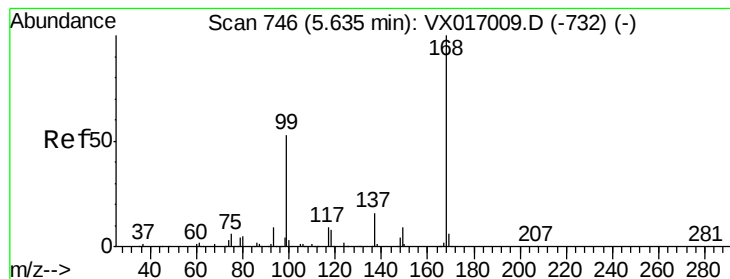
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062920\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	492460	89.784	ug/l	99
94) Hexachlorobutadiene	13.77	225	192198	86.636	ug/l	96
95) Naphthalene	13.82	128	1605517	96.282	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	489523	92.221	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: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

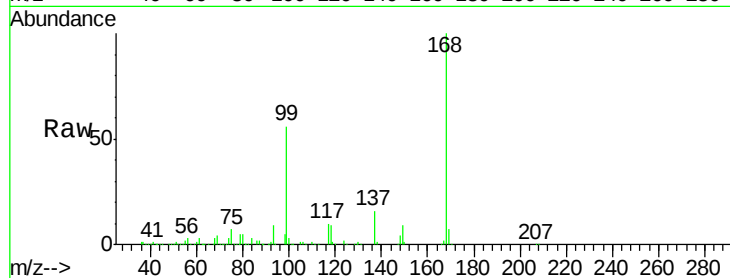
VSTDIC100

Tgt Ion:168 Resp: 329686

Ion Ratio Lower Upper

168 100

99 55.7 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

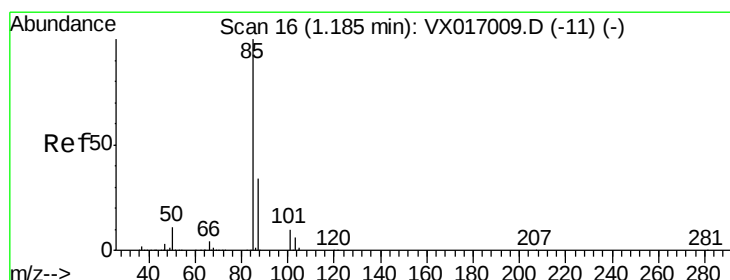
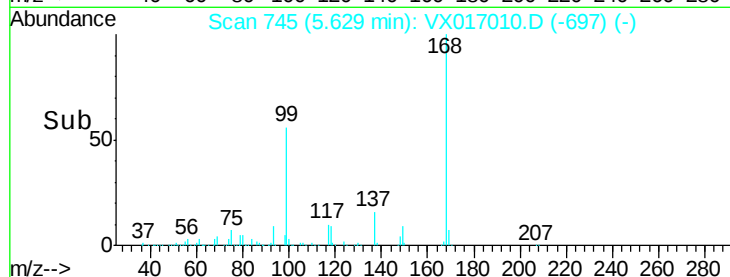
5.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 89.061 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017010.D

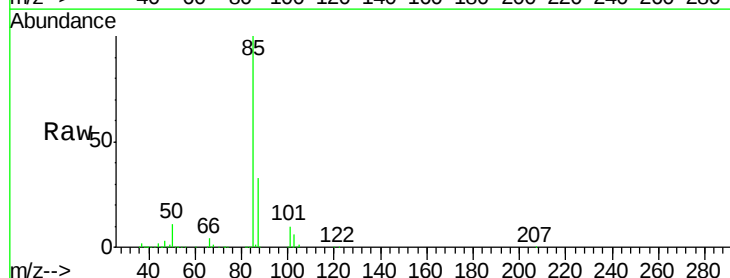
Acq: 29 Jun 2020 15:43

Tgt Ion: 85 Resp: 284061

Ion Ratio Lower Upper

85 100

87 32.9 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

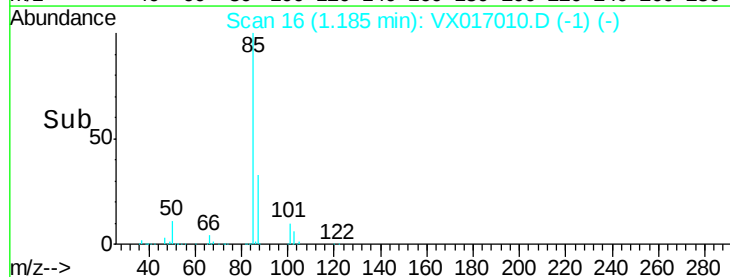
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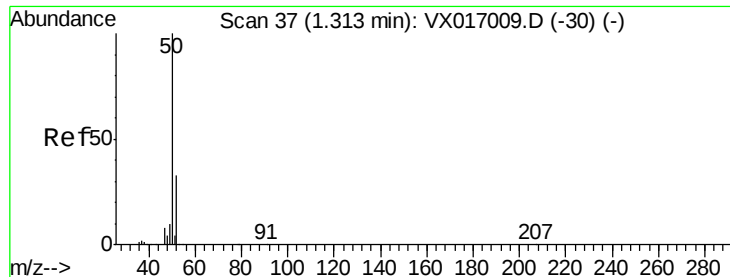
200000

100000

0

Time-->





#3

Chloromethane

Concen: 84.943 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

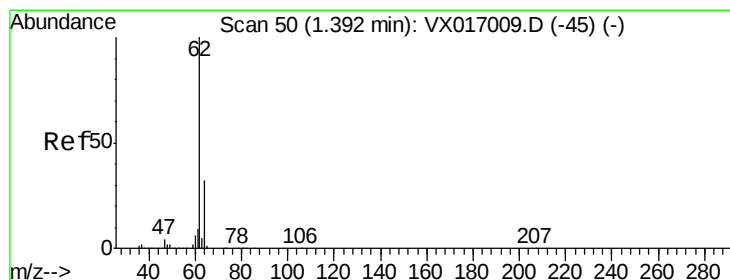
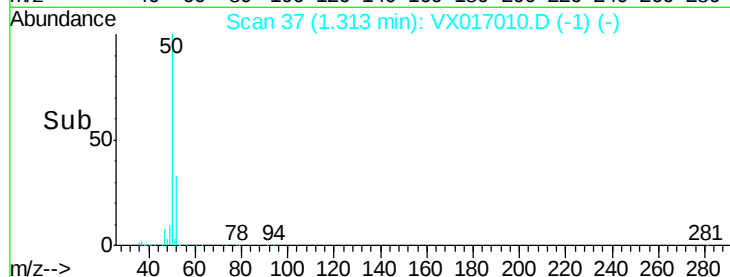
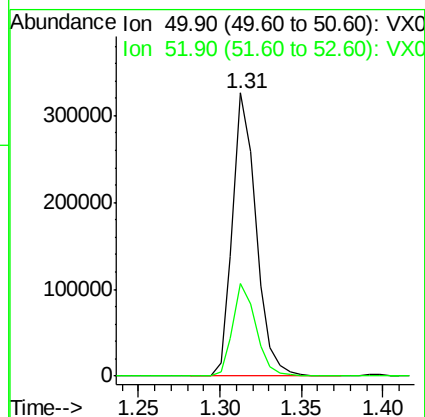
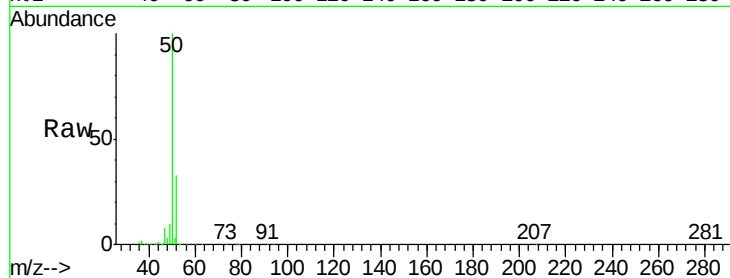
VSTDIC100

Tgt Ion: 50 Resp: 327943

Ion Ratio Lower Upper

50 100

52 32.8 26.1 39.1



#4

Vinyl Chloride

Concen: 84.798 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017010.D

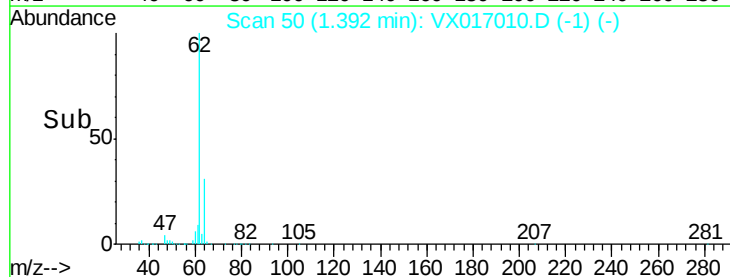
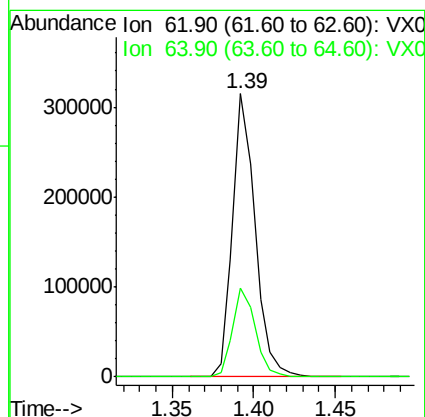
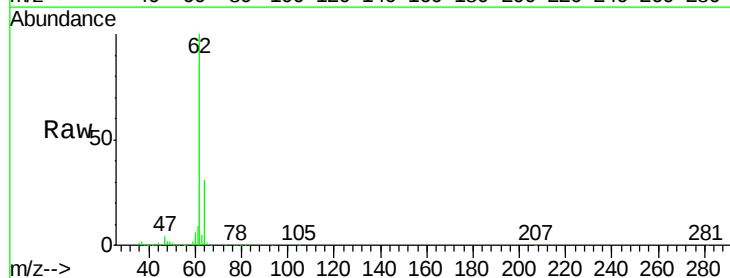
Acq: 29 Jun 2020 15:43

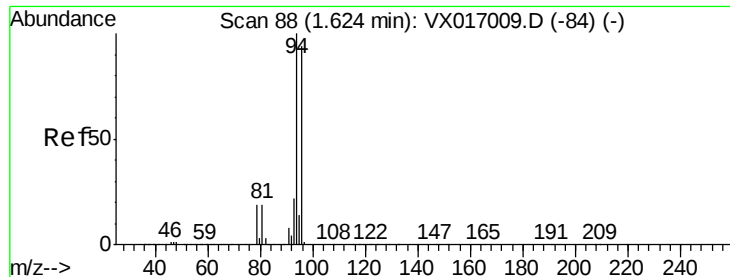
Tgt Ion: 62 Resp: 303750

Ion Ratio Lower Upper

62 100

64 31.4 25.9 38.9





#5

Bromomethane

Concen: 76.099 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

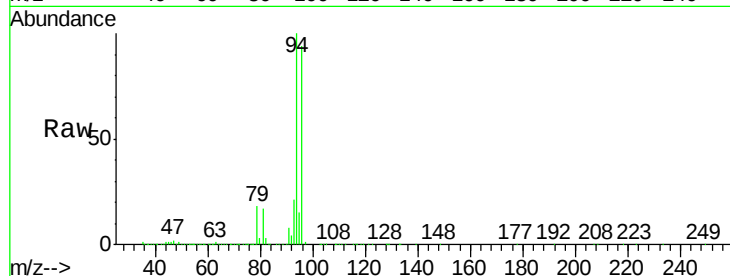
VSTDIC100

Tgt Ion: 94 Resp: 144017

Ion Ratio Lower Upper

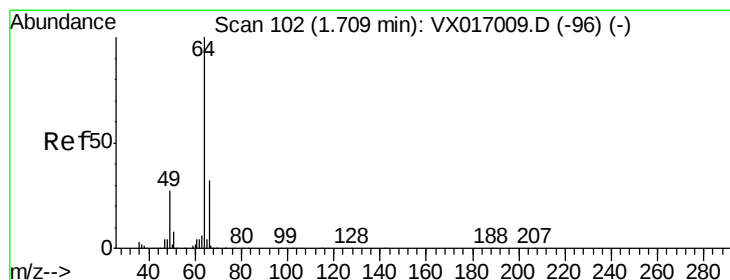
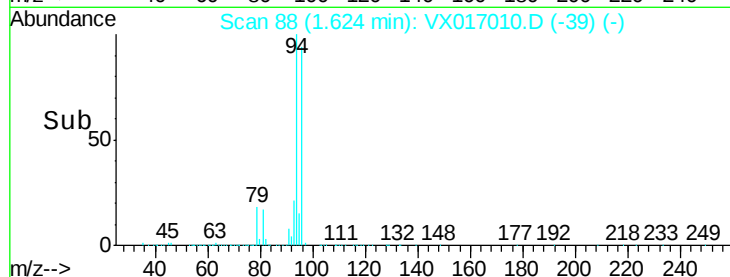
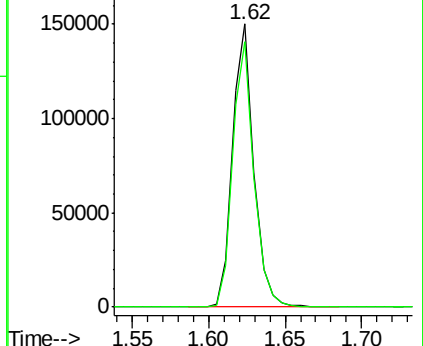
94 100

96 93.7 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: 83.800 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX017010.D

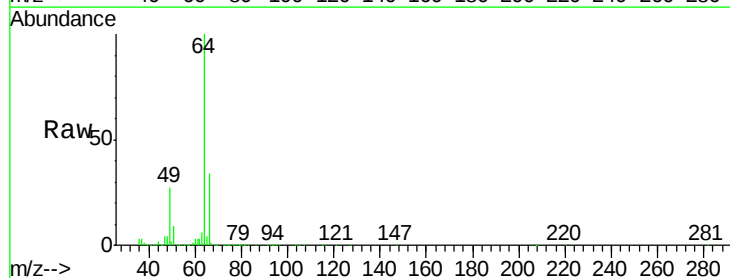
Acq: 29 Jun 2020 15:43

Tgt Ion: 64 Resp: 177285

Ion Ratio Lower Upper

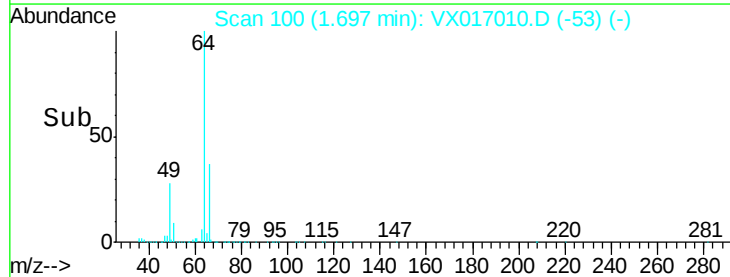
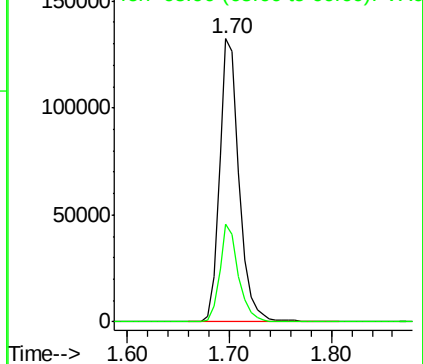
64 100

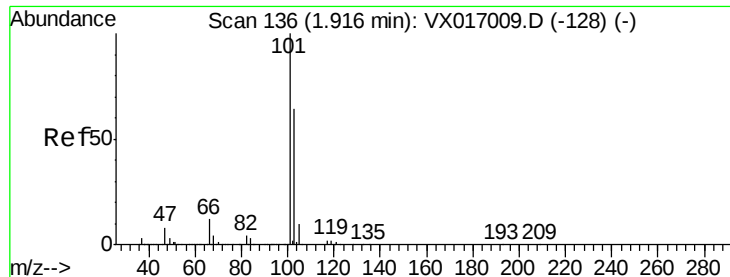
66 34.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



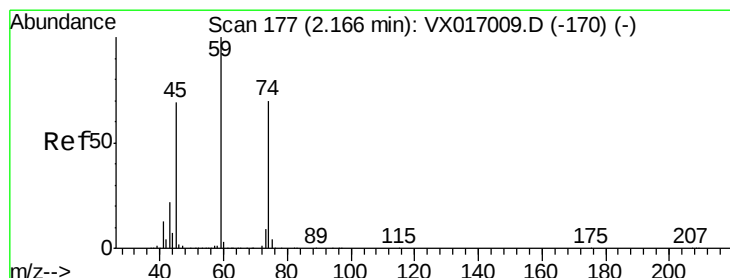
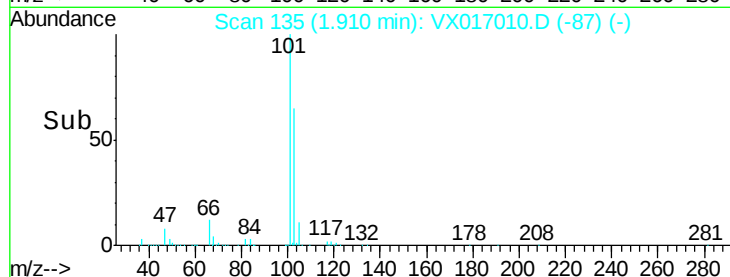
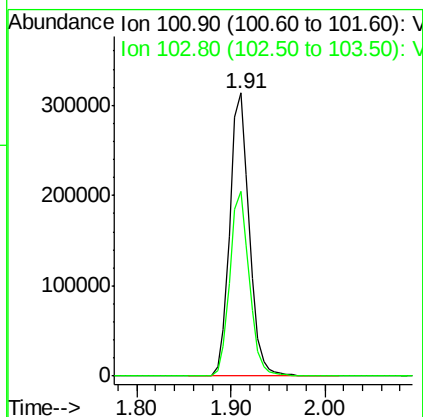
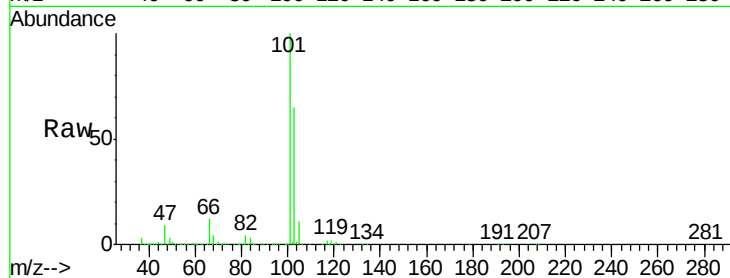


#7

Trichlorofluoromethane
 Concen: 85.254 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017010.D
 Acq: 29 Jun 2020 15:43

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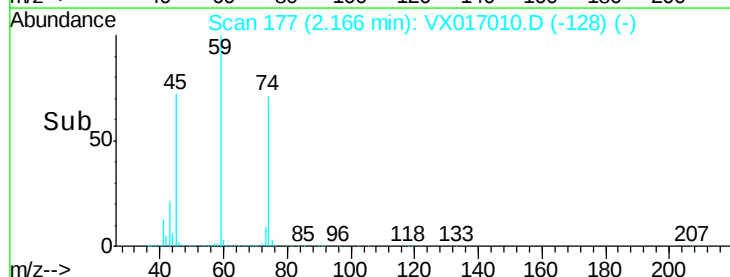
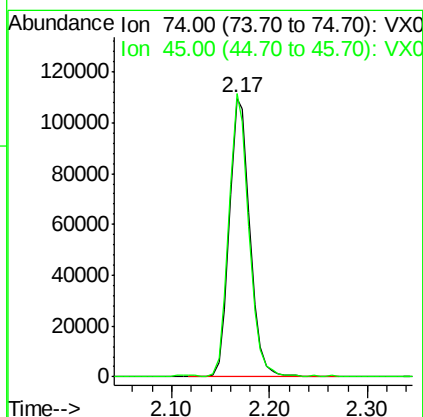
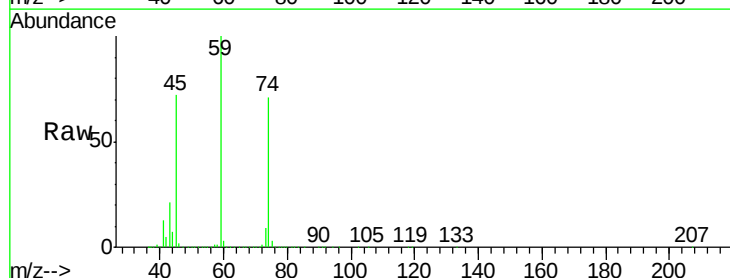
Tgt Ion:101 Resp: 451649
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.5 77.3

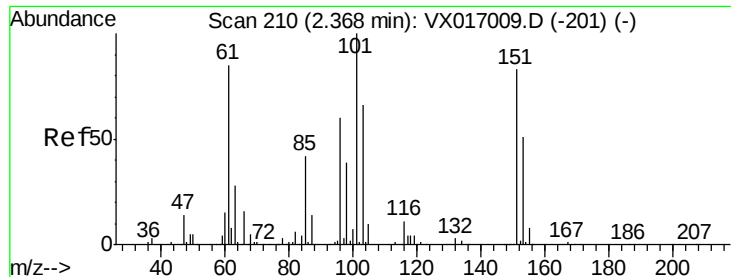


#8

Diethyl Ether
 Concen: 82.711 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017010.D
 Acq: 29 Jun 2020 15:43

Tgt Ion: 74 Resp: 159961
 Ion Ratio Lower Upper
 74 100
 45 97.9 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 84.968 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

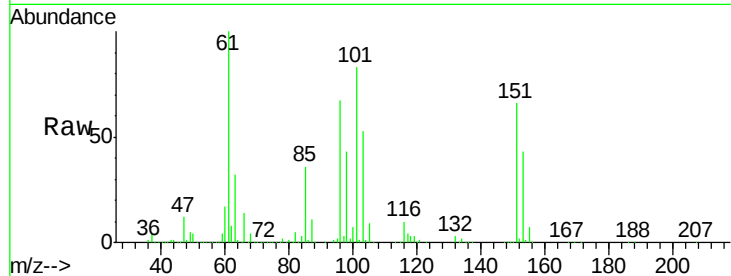
Tgt Ion:101 Resp: 269787

Ion Ratio Lower Upper

101 100

85 42.3 33.5 50.3

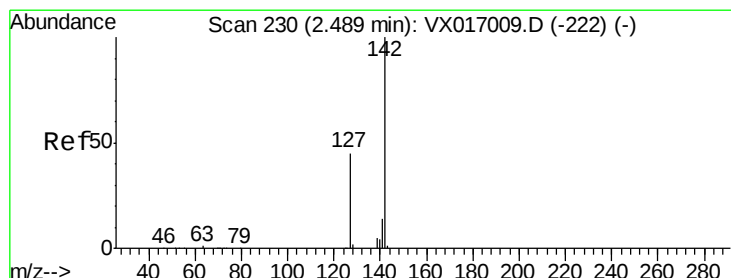
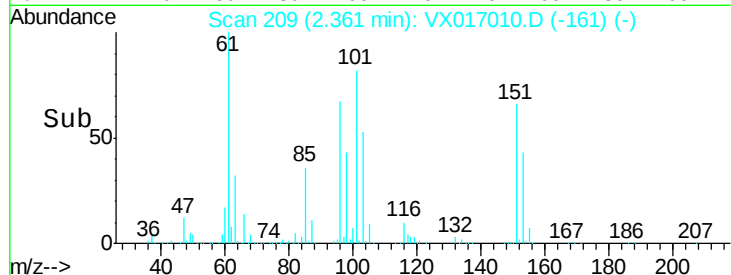
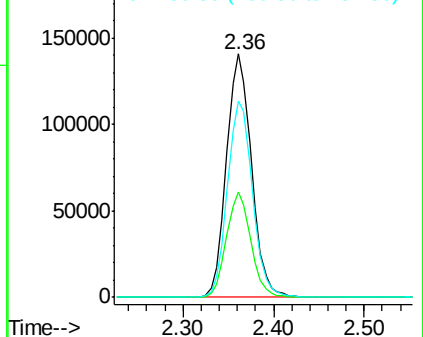
151 81.1 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 95.758 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

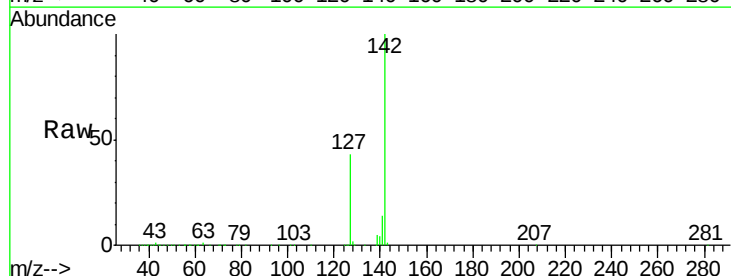
Tgt Ion:142 Resp: 392327

Ion Ratio Lower Upper

142 100

127 43.8 36.6 54.8

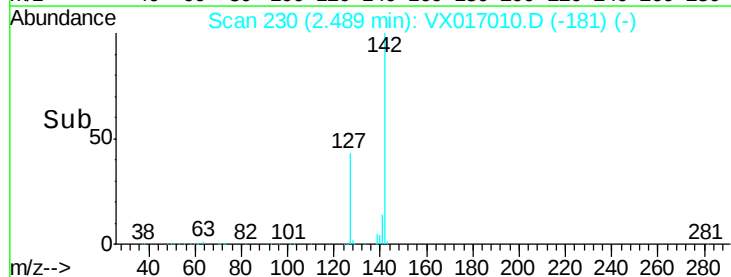
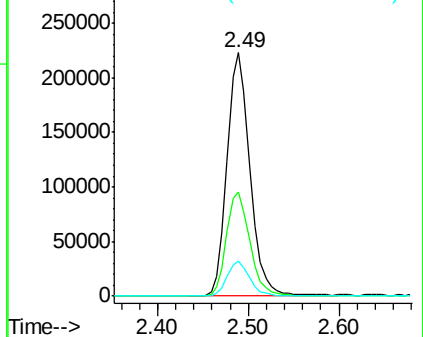
141 14.0 11.6 17.4



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



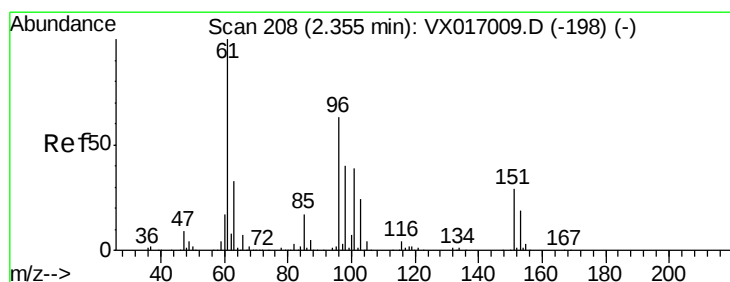
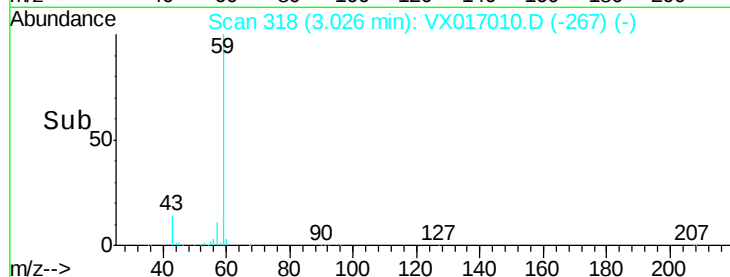
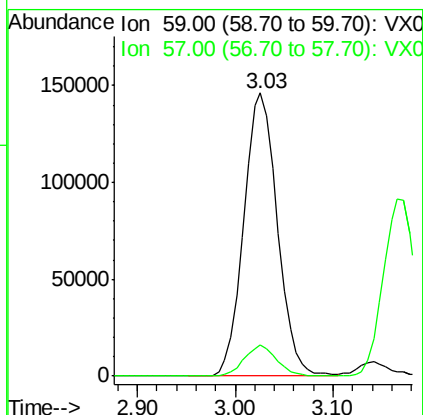
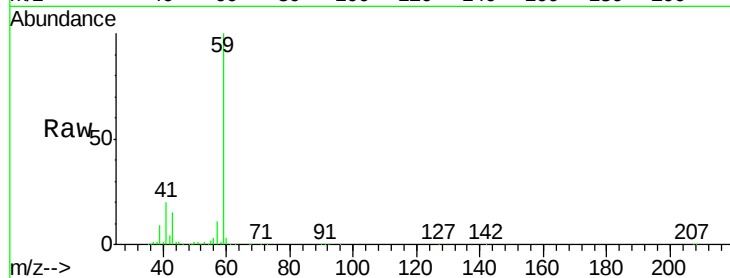


#11

Tert butyl alcohol
 Concen: 449.877 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX017010.D
 Acq: 29 Jun 2020 15:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

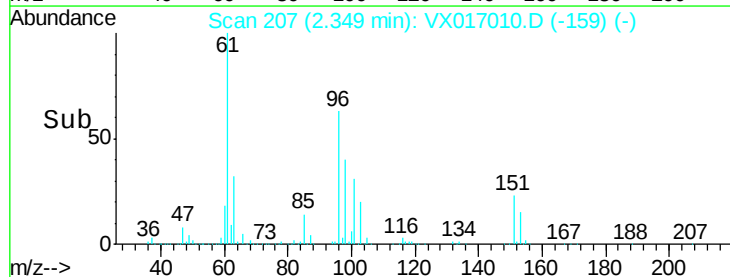
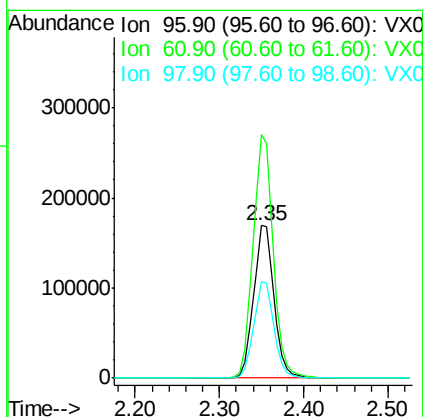
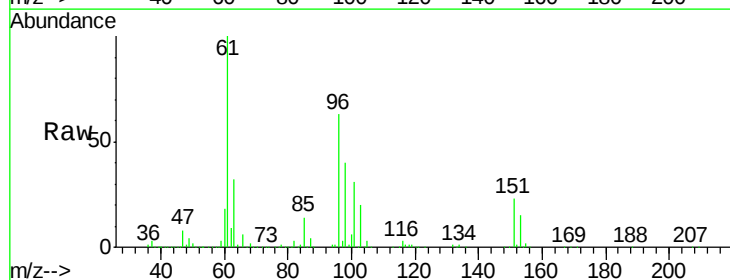
Tgt Ion: 59 Resp: 348817
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.2

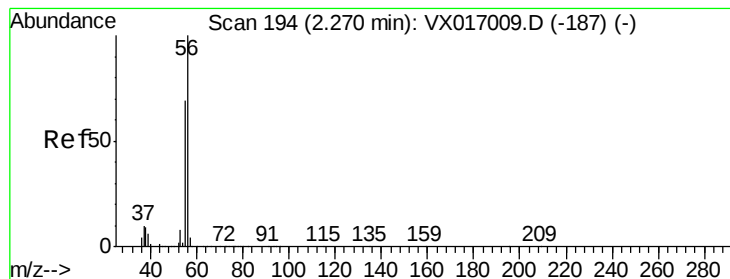


#12

1,1-Dichloroethene
 Concen: 84.961 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX017010.D
 Acq: 29 Jun 2020 15:43

Tgt Ion: 96 Resp: 277123
 Ion Ratio Lower Upper
 96 100
 61 159.8 126.3 189.5
 98 63.6 51.0 76.6





#13

Acrolein

Concen: 446.230 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

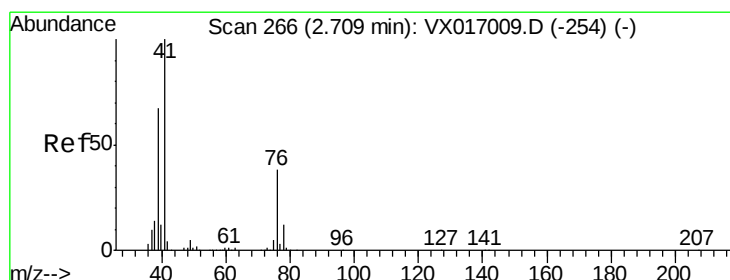
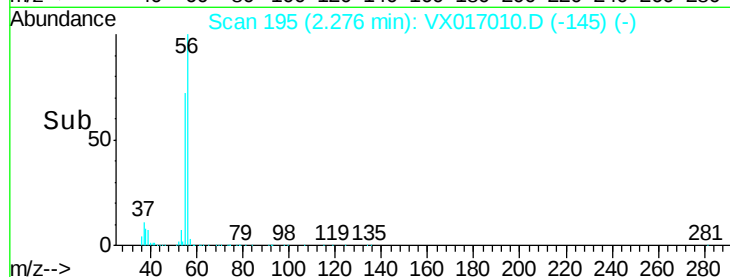
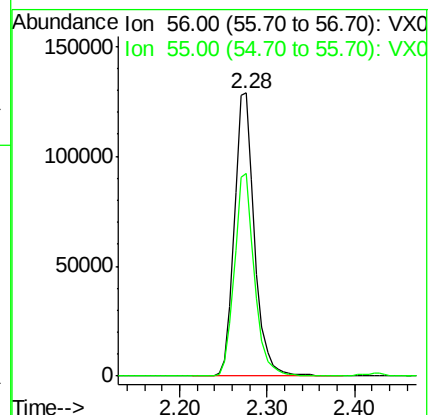
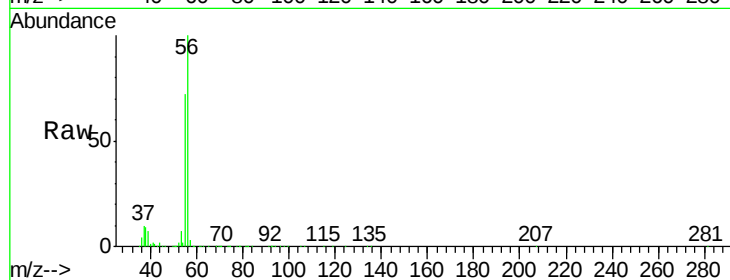
VSTDIC100

Tgt Ion: 56 Resp: 206826

Ion Ratio Lower Upper

56 100

55 71.1 55.7 83.5



#14

Allyl chloride

Concen: 86.017 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

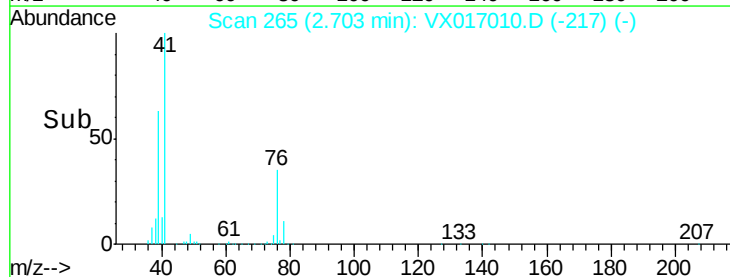
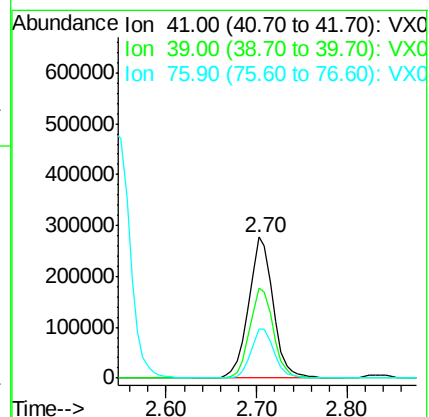
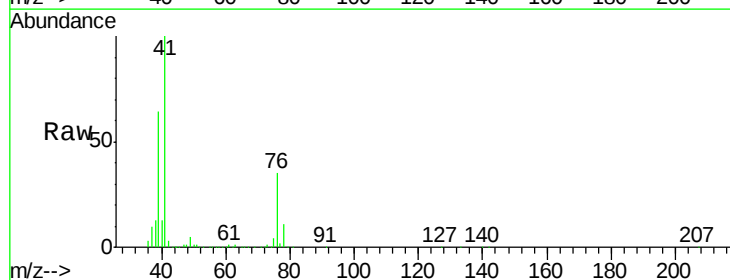
Tgt Ion: 41 Resp: 518513

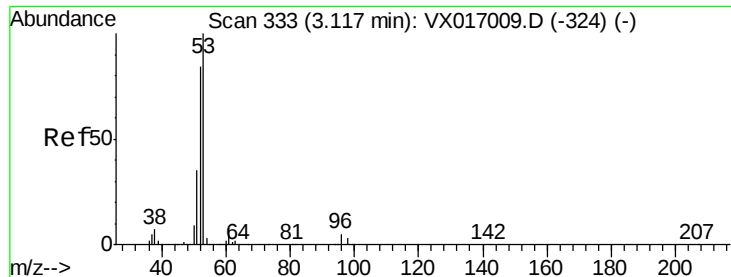
Ion Ratio Lower Upper

41 100

39 61.7 49.4 74.2

76 33.1 26.8 40.2





#15

Acrylonitrile

Concen: 439.247 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

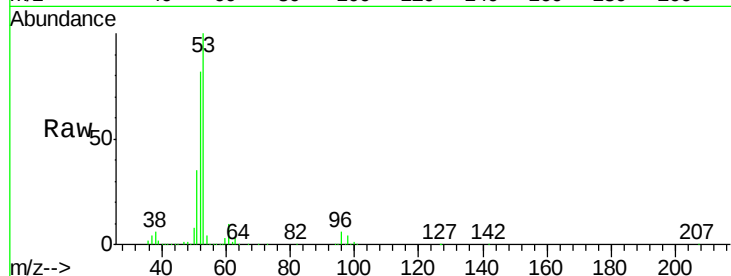
Tgt Ion: 53 Resp: 818729

Ion Ratio Lower Upper

53 100

52 82.0 65.6 98.4

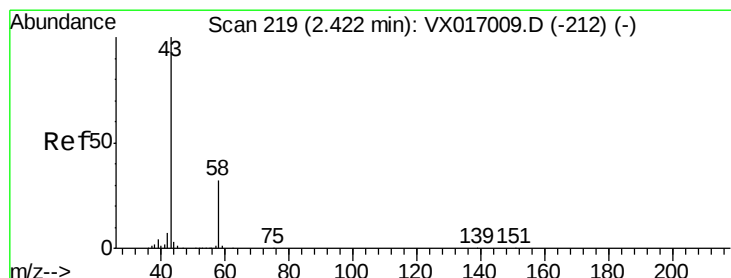
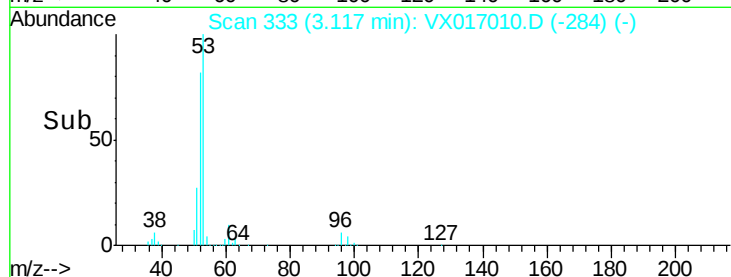
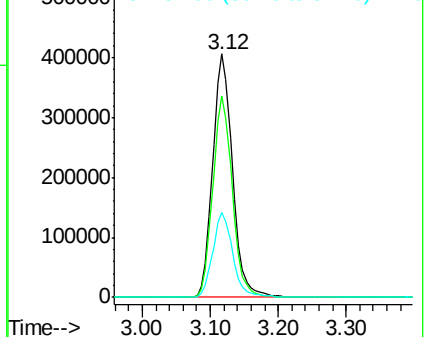
51 35.2 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 421.861 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017010.D

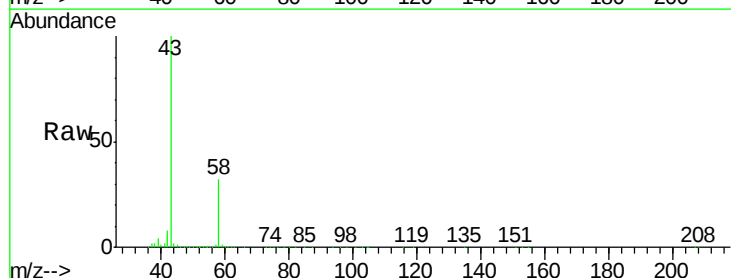
Acq: 29 Jun 2020 15:43

Tgt Ion: 43 Resp: 641415

Ion Ratio Lower Upper

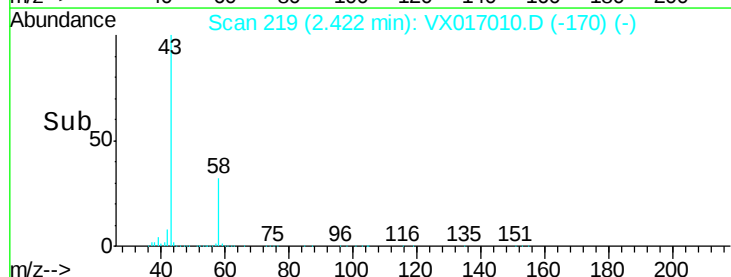
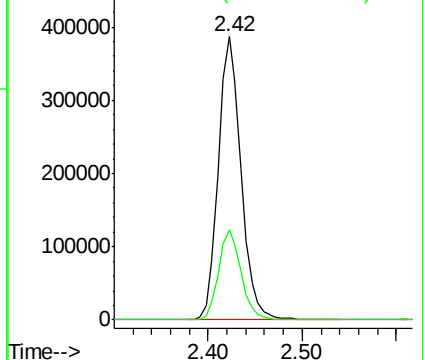
43 100

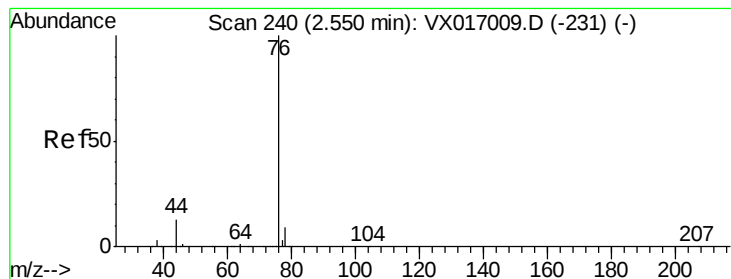
58 31.6 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 81.756 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

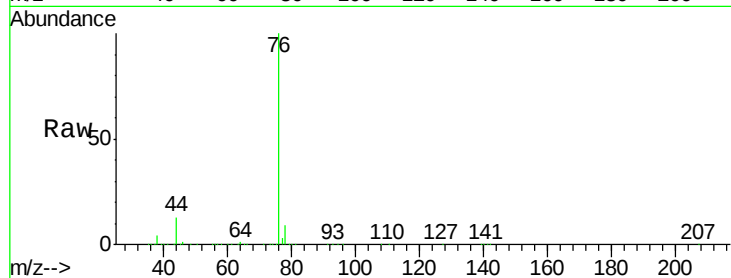
VSTDIC100

Tgt Ion: 76 Resp: 816780

Ion Ratio Lower Upper

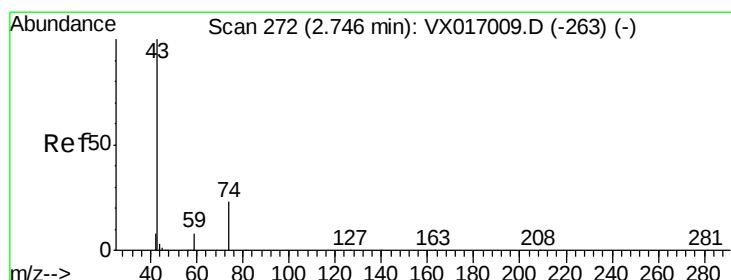
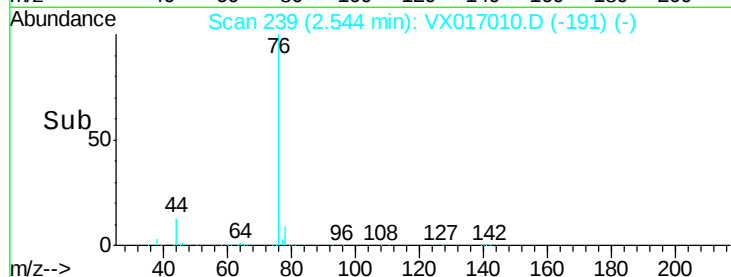
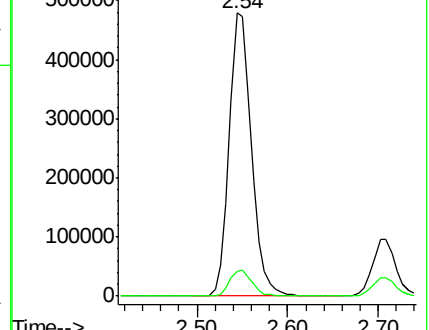
76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 86.008 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017010.D

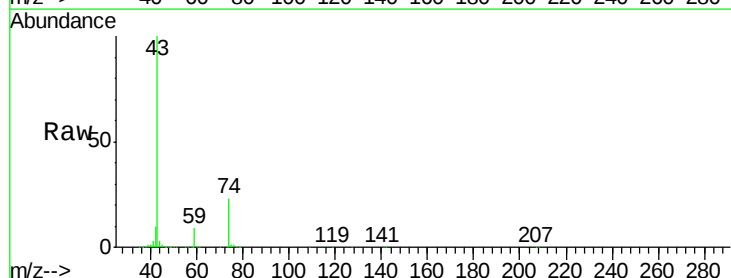
Acq: 29 Jun 2020 15:43

Tgt Ion: 43 Resp: 341376

Ion Ratio Lower Upper

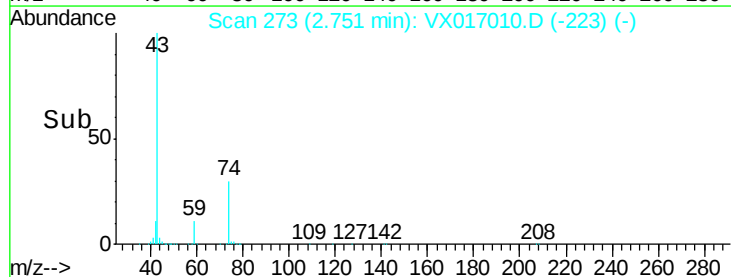
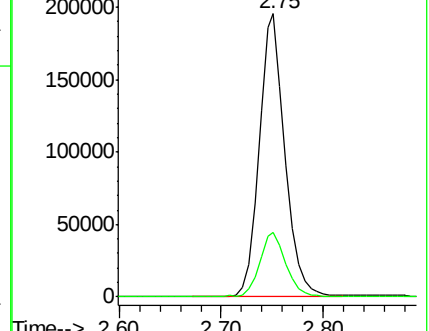
43 100

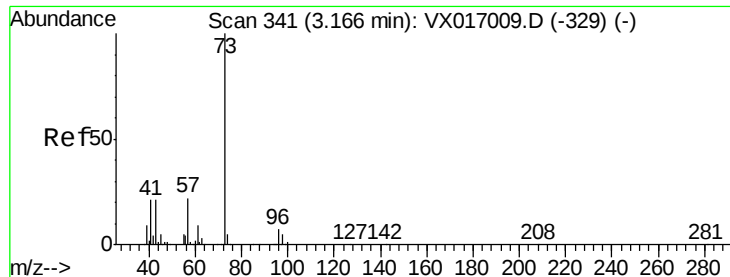
74 23.6 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

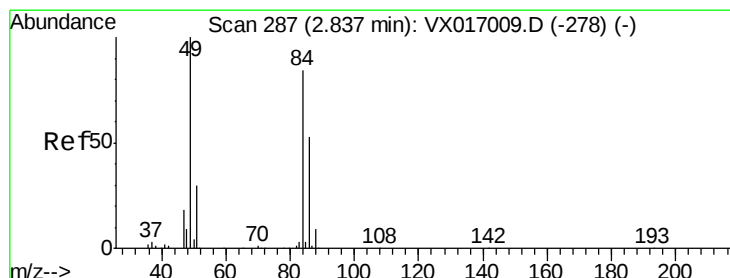
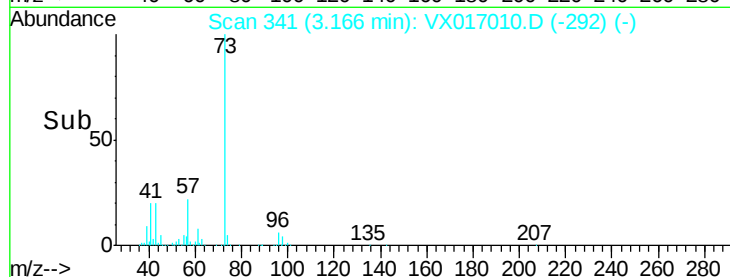
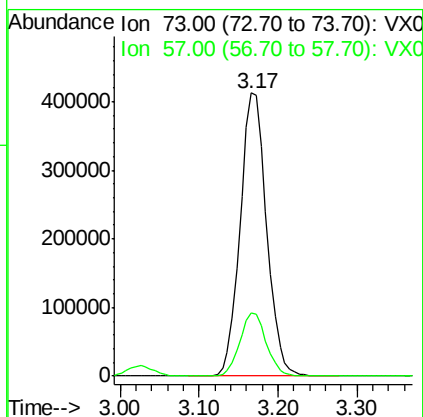
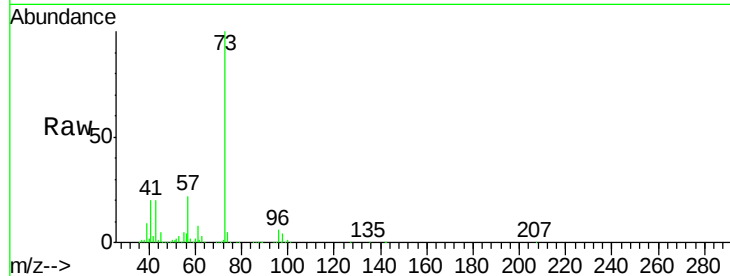




#19
Methyl tert-butyl Ether
Concen: 88.014 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017010.D
Acq: 29 Jun 2020 15:43

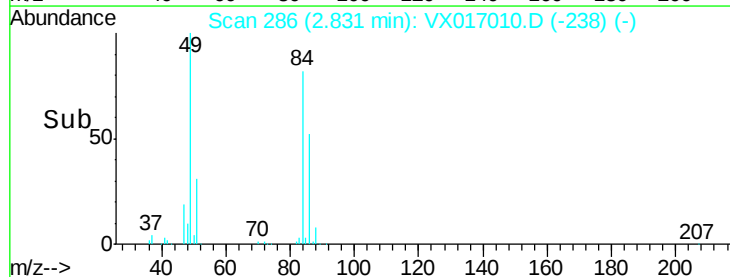
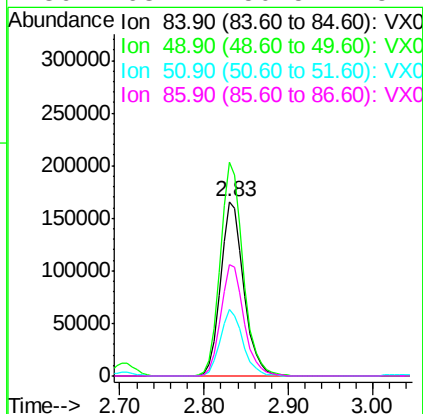
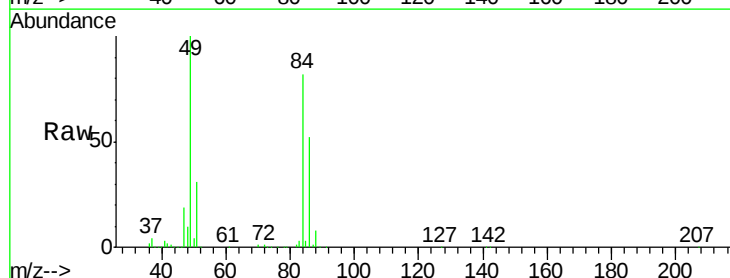
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

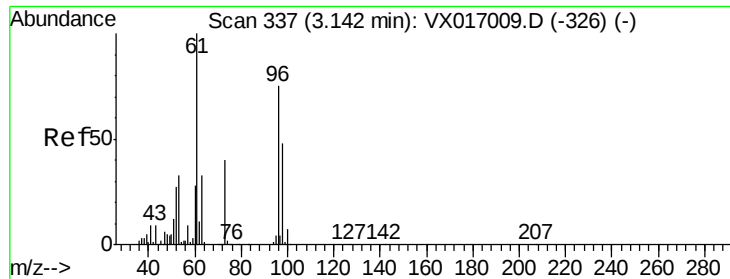
Tgt Ion: 73 Resp: 963510
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4



#20
Methylene Chloride
Concen: 80.585 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017010.D
Acq: 29 Jun 2020 15:43

Tgt Ion: 84 Resp: 313165
Ion Ratio Lower Upper
84 100
49 122.4 94.7 142.1
51 37.8 28.6 42.8
86 63.7 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 85.306 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

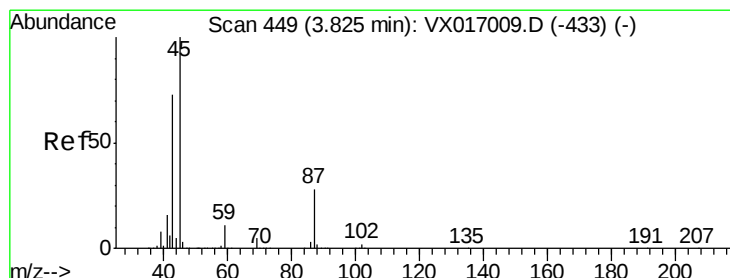
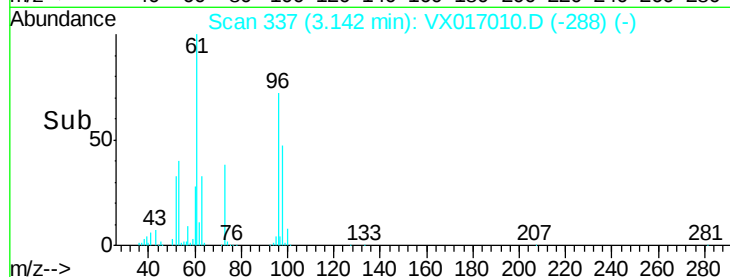
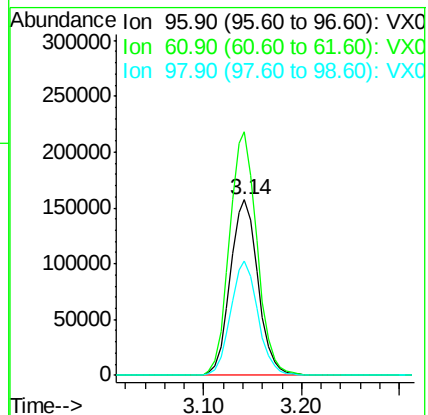
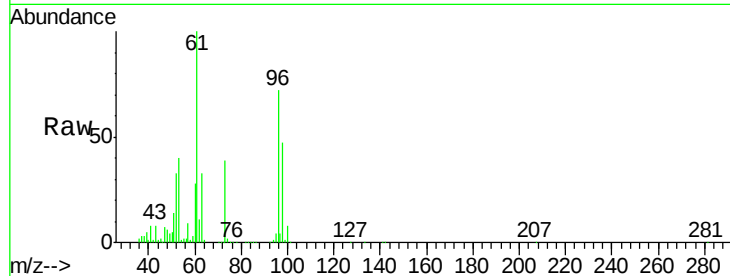
Tgt Ion: 96 Resp: 308787

Ion Ratio Lower Upper

96 100

61 138.8 107.0 160.6

98 65.0 51.6 77.4



#22

Diisopropyl ether

Concen: 85.920 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Tgt Ion: 45 Resp: 958604

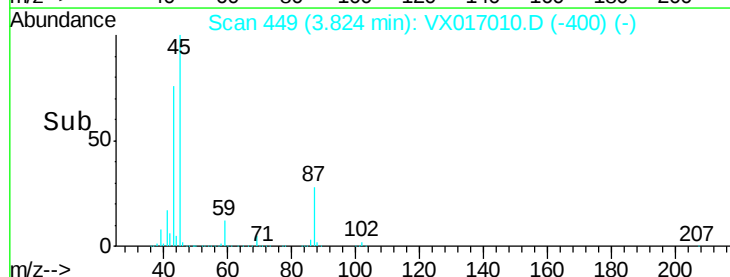
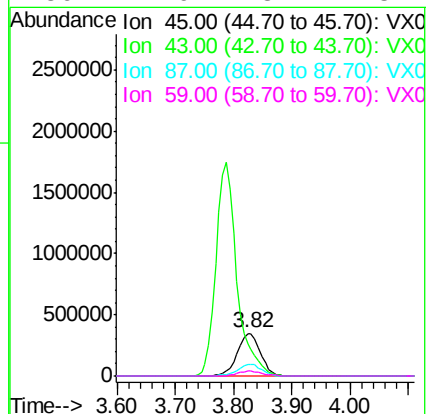
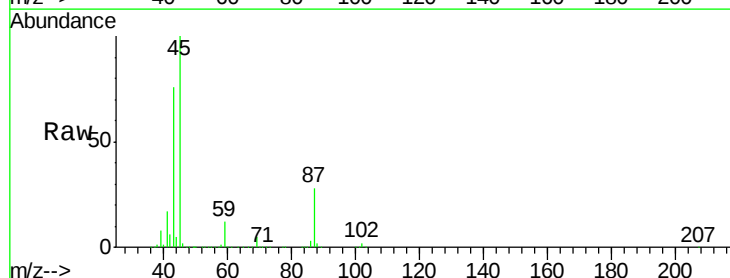
Ion Ratio Lower Upper

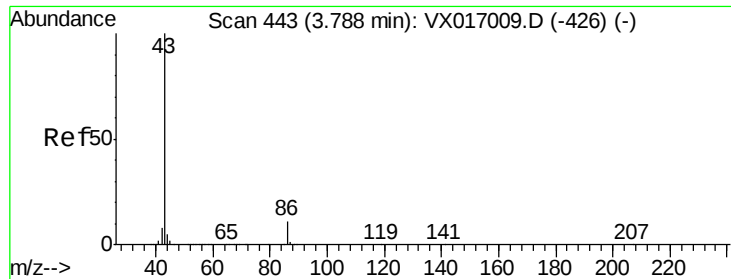
45 100

43 75.5 58.6 88.0

87 27.7 22.6 34.0

59 11.9 8.7 13.1





#23

Vinyl Acetate

Concen: 453.677 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

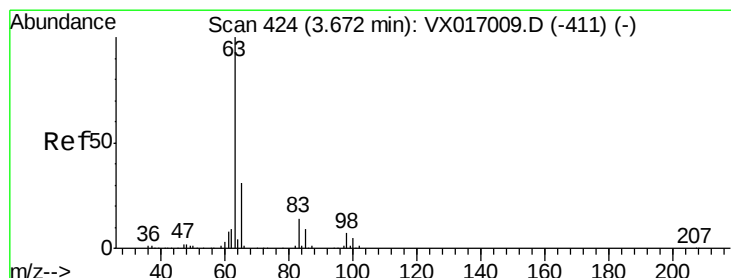
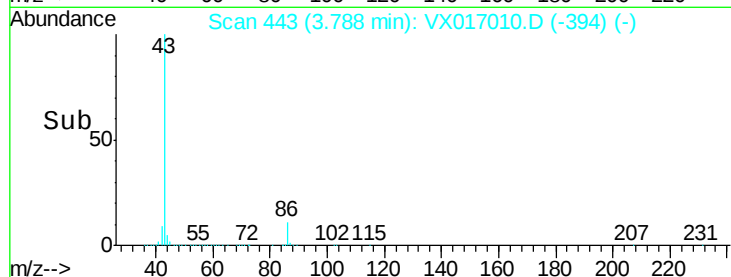
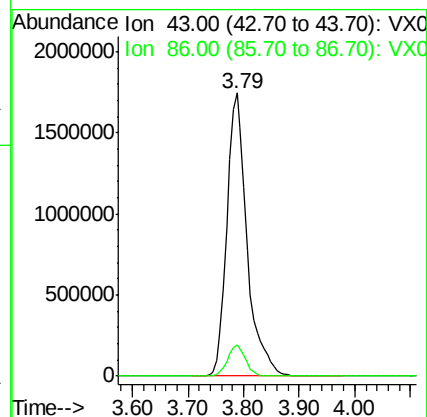
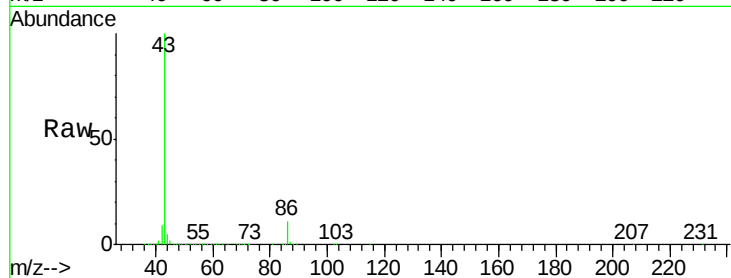
VSTDIC100

Tgt Ion: 43 Resp: 4349490

Ion Ratio Lower Upper

43 100

86 11.0 8.6 13.0



#24

1,1-Dichloroethane

Concen: 85.853 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

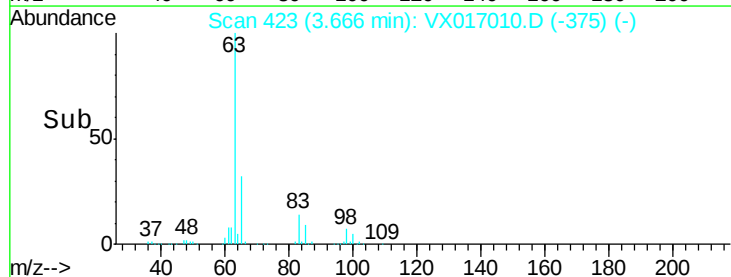
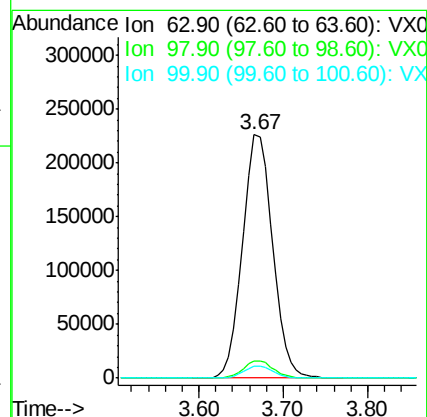
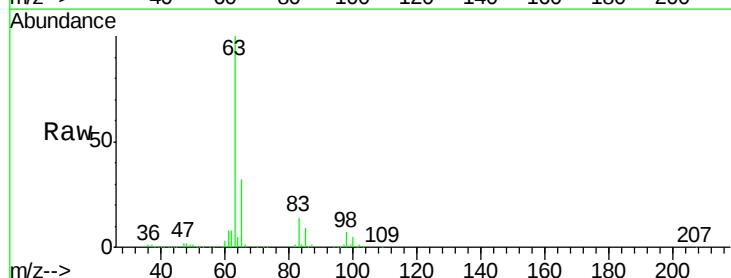
Tgt Ion: 63 Resp: 545012

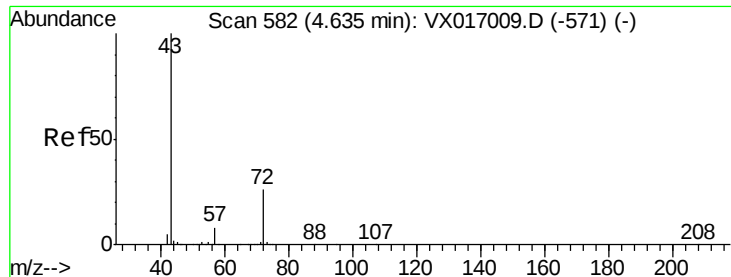
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 437.650 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

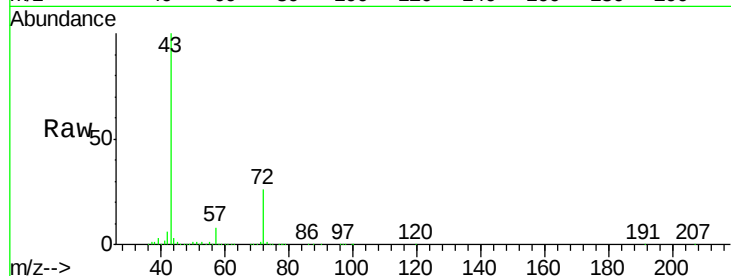
VSTDIC100

Tgt Ion: 43 Resp: 1108764

Ion Ratio Lower Upper

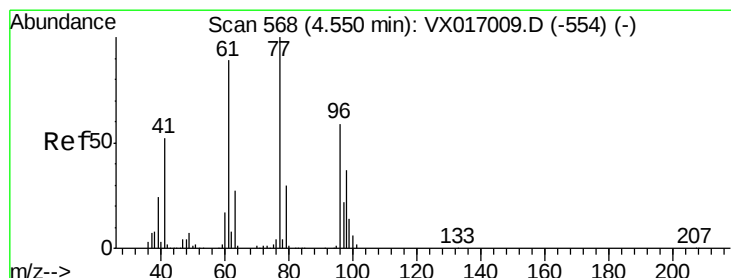
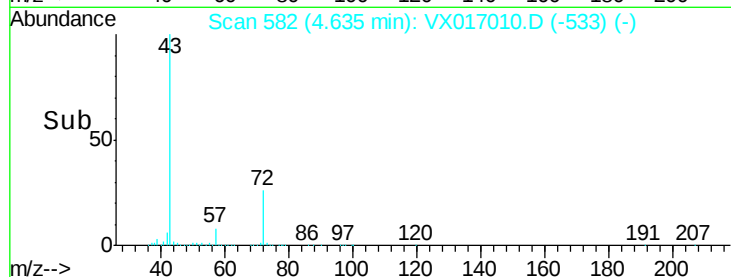
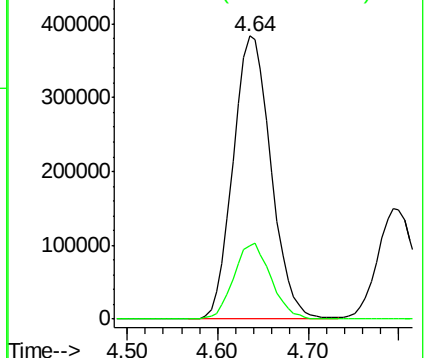
43 100

72 26.1 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 83.005 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017010.D

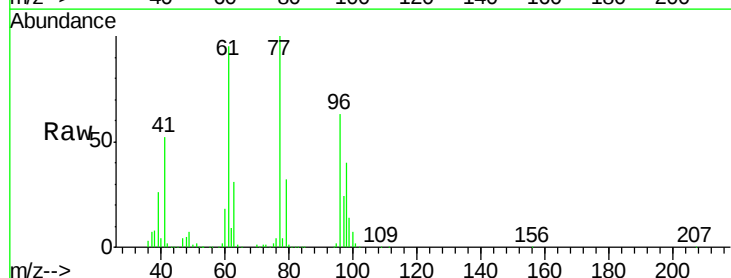
Acq: 29 Jun 2020 15:43

Tgt Ion: 77 Resp: 467865

Ion Ratio Lower Upper

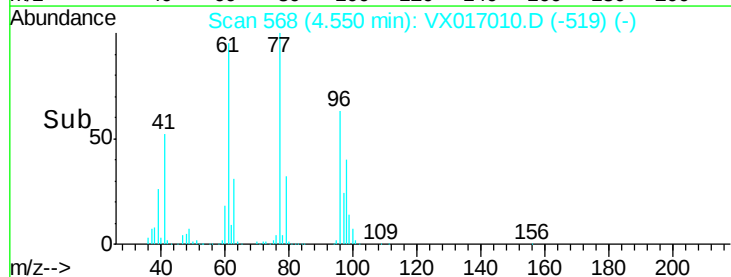
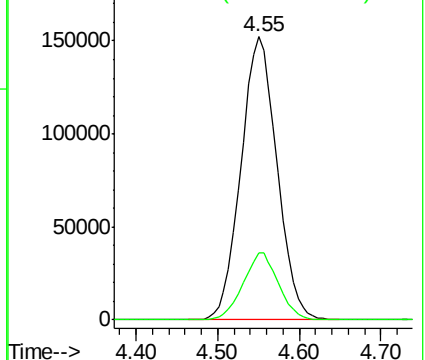
77 100

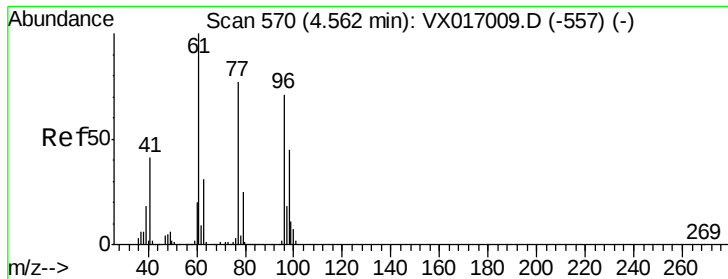
97 23.3 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



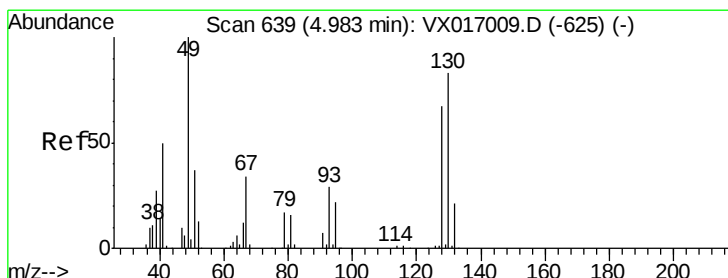
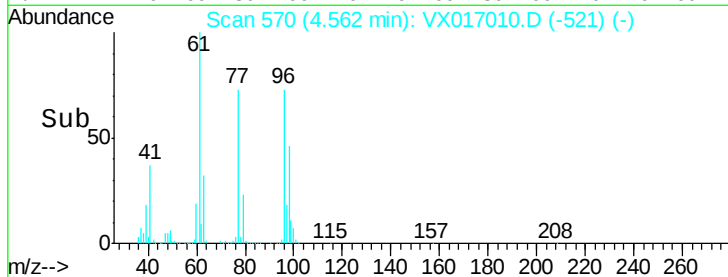
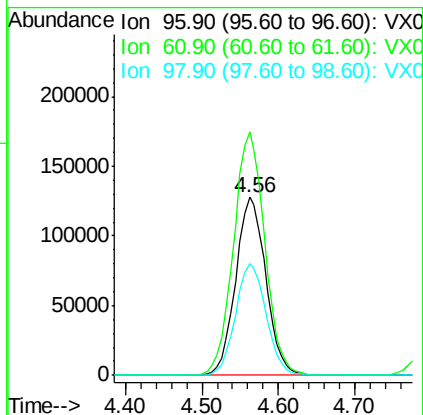
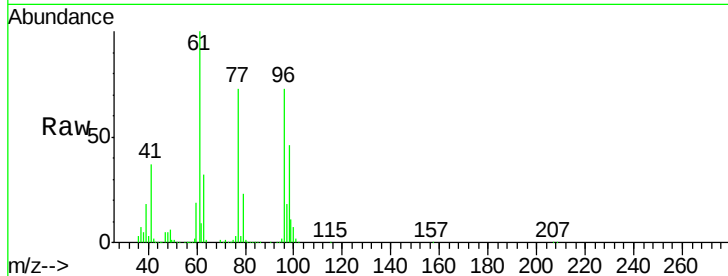


#27

cis-1,2-Dichloroethene
Concen: 85.336 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017010.D
Acq: 29 Jun 2020 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

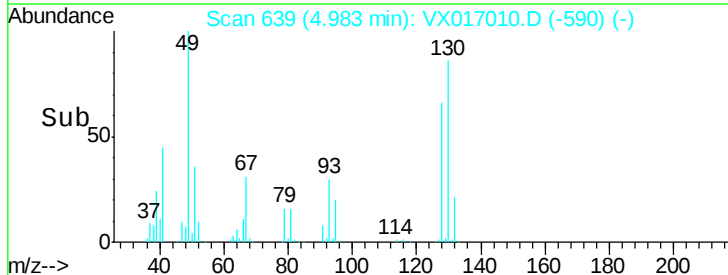
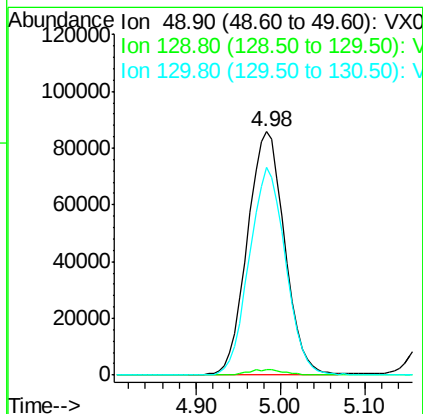
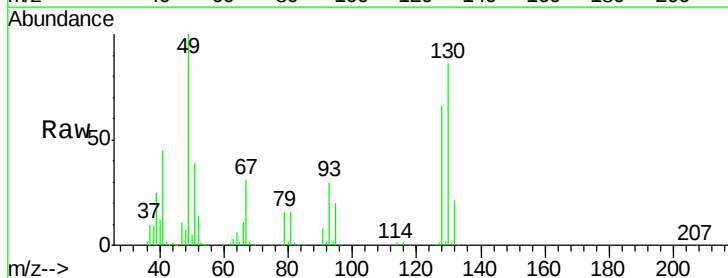
Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	282.8
98	63.6	0.0	127.6

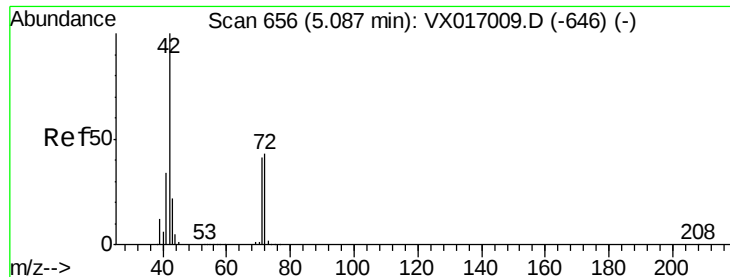


#28

Bromochloromethane
Concen: 83.780 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017010.D
Acq: 29 Jun 2020 15:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	83.3	66.6	100.0

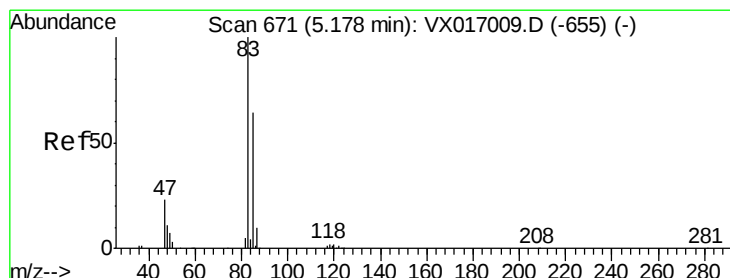
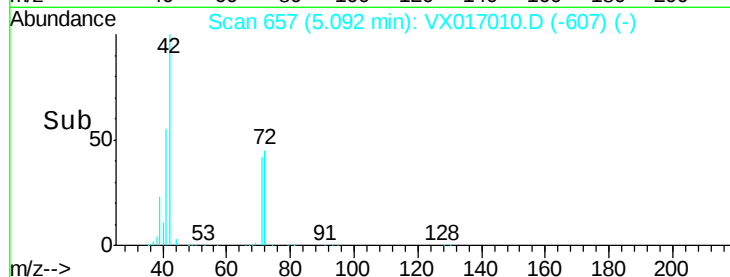
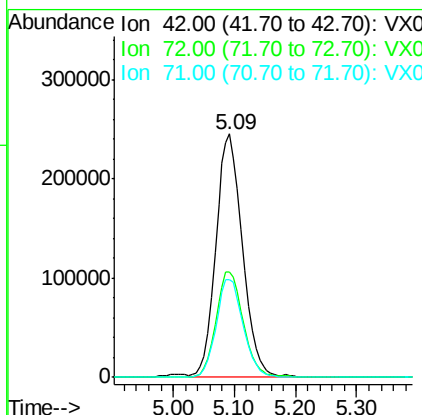
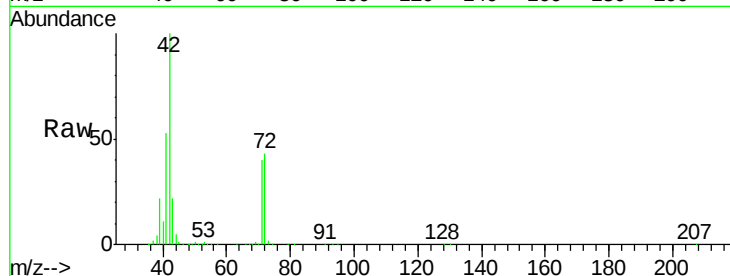




#29
Tetrahydrofuran
Concen: 442.110 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017010.D
Acq: 29 Jun 2020 15:43

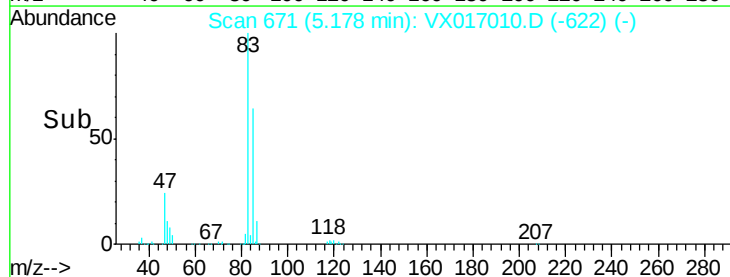
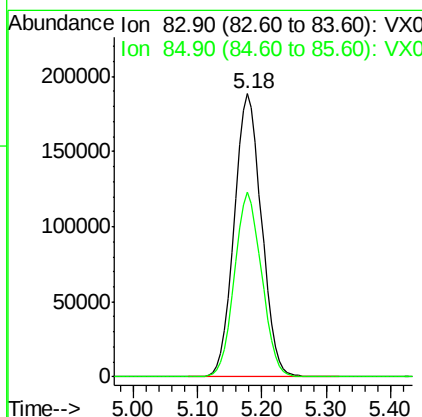
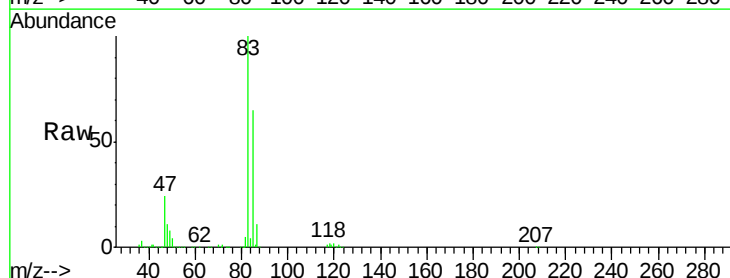
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

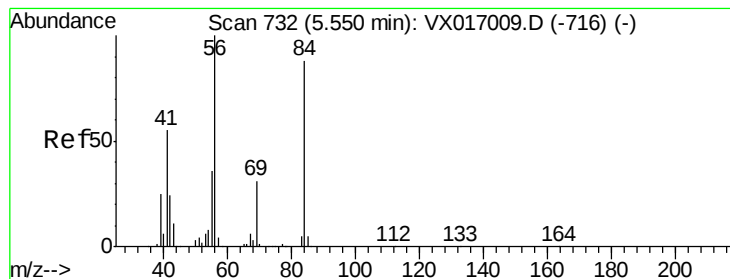
Tgt Ion: 42 Resp: 740050
Ion Ratio Lower Upper
42 100
72 44.6 35.3 52.9
71 40.9 33.1 49.7



#30
Chloroform
Concen: 85.315 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017010.D
Acq: 29 Jun 2020 15:43

Tgt Ion: 83 Resp: 555196
Ion Ratio Lower Upper
83 100
85 65.3 51.4 77.2





#31

Cyclohexane

Concen: 89.202 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

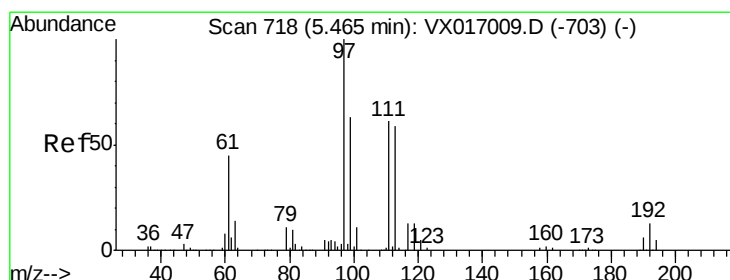
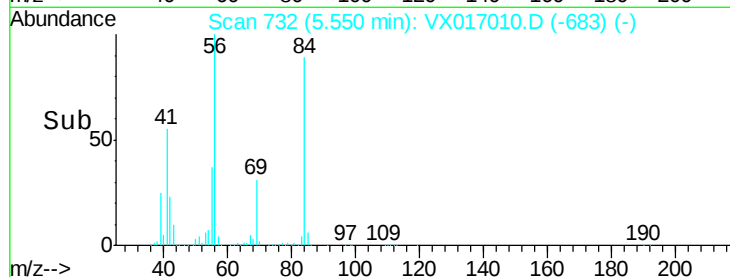
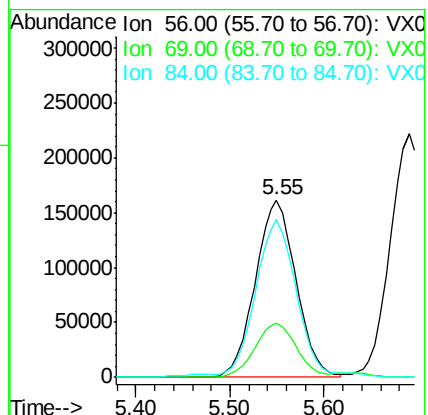
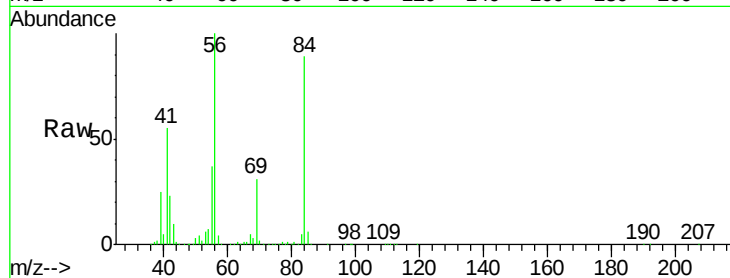
Tgt Ion: 56 Resp: 489474

Ion Ratio Lower Upper

56 100

69 30.7 25.0 37.4

84 87.3 69.1 103.7



#32

1,1,1-Trichloroethane

Concen: 85.291 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

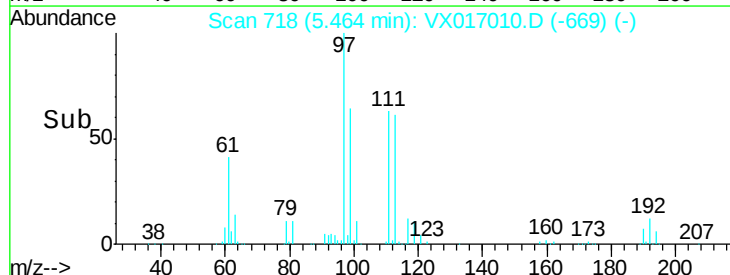
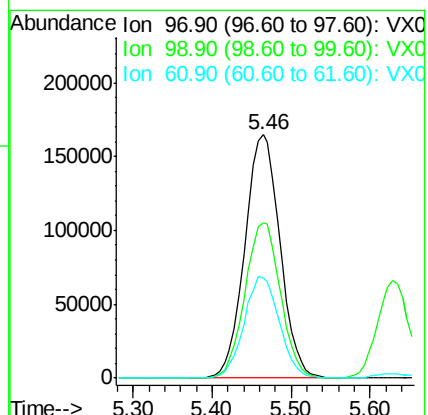
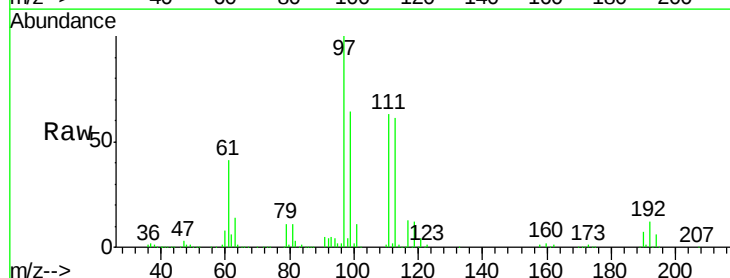
Tgt Ion: 97 Resp: 511166

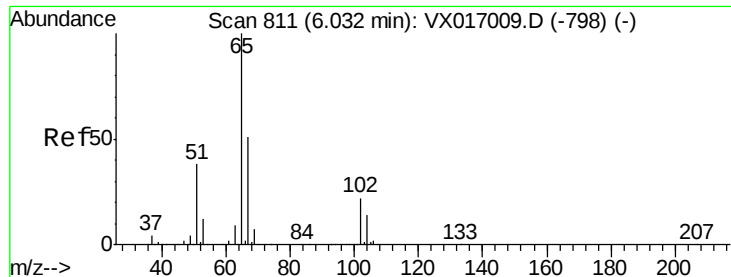
Ion Ratio Lower Upper

97 100

99 64.3 50.8 76.2

61 41.8 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 86.276 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

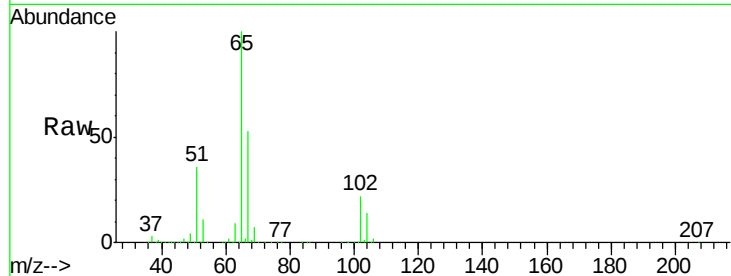
VSTDIC100

Tgt Ion: 65 Resp: 350658

Ion Ratio Lower Upper

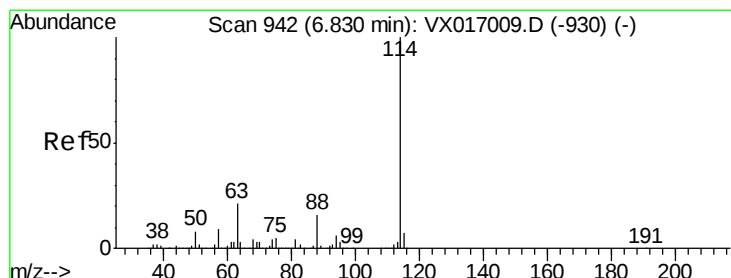
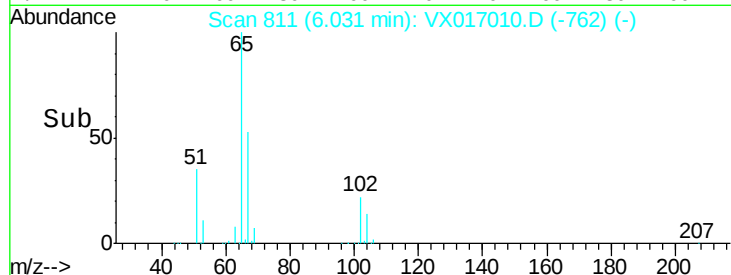
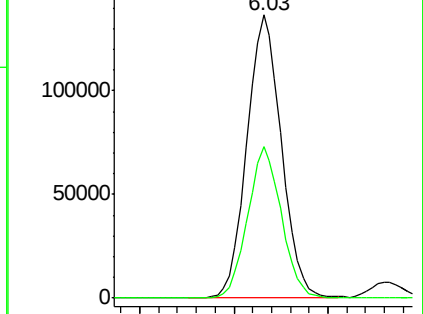
65 100

67 52.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

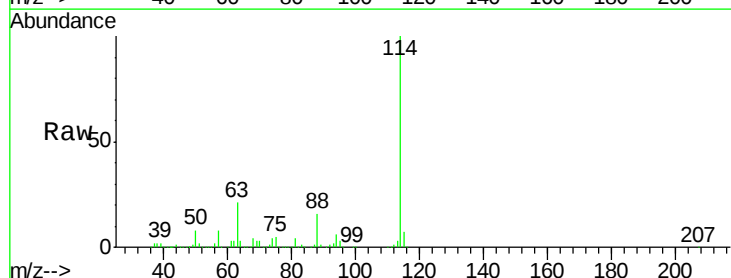
Tgt Ion: 114 Resp: 515672

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

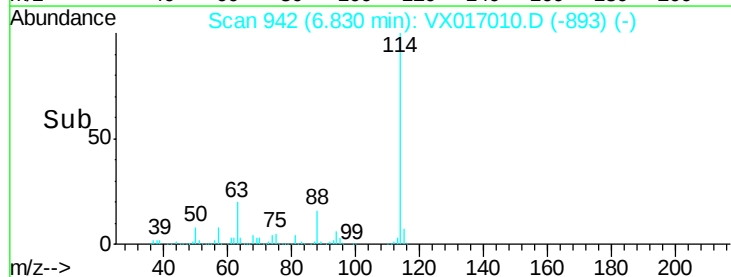
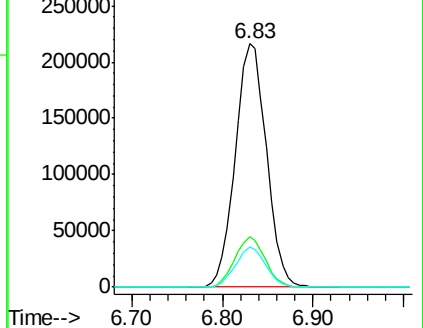
88 16.3 0.0 32.4

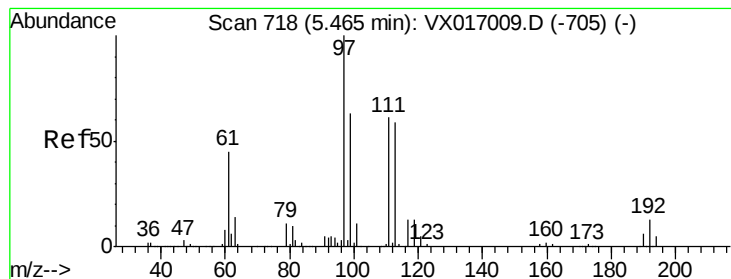


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 88.668 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

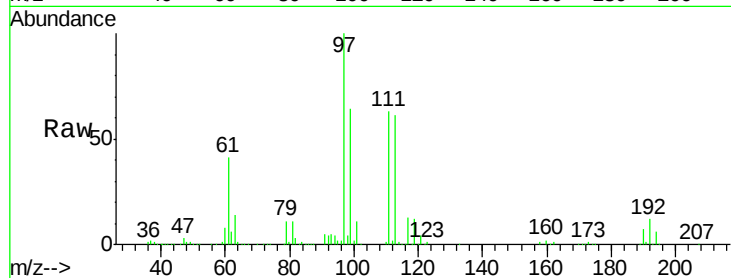
Tgt Ion:113 Resp: 289233

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

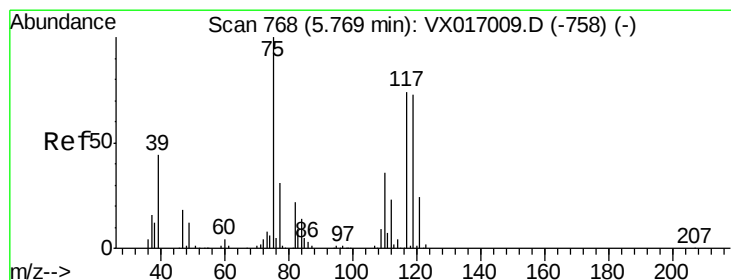
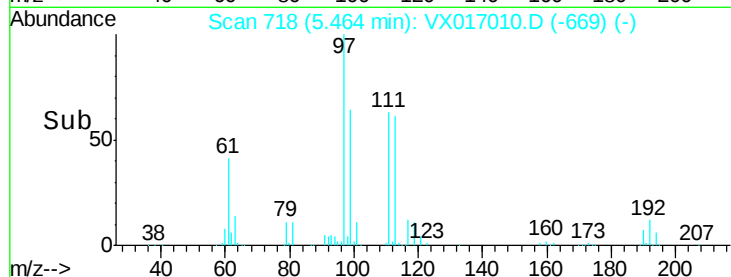
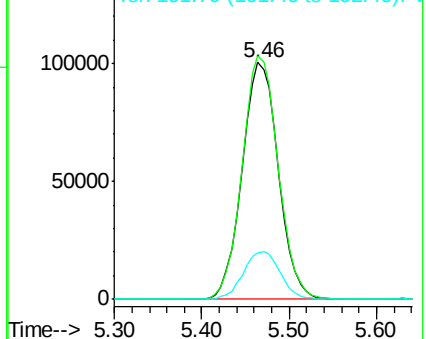
192 20.8 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 87.030 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

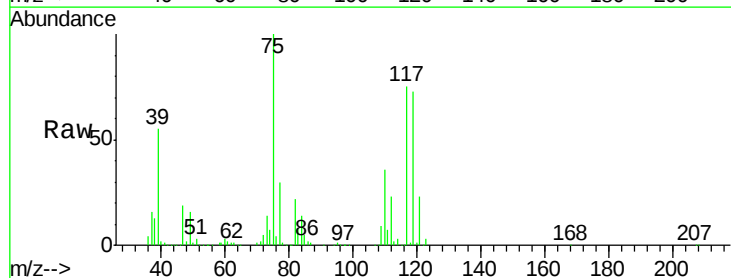
Tgt Ion: 75 Resp: 424159

Ion Ratio Lower Upper

75 100

110 36.9 18.1 54.1

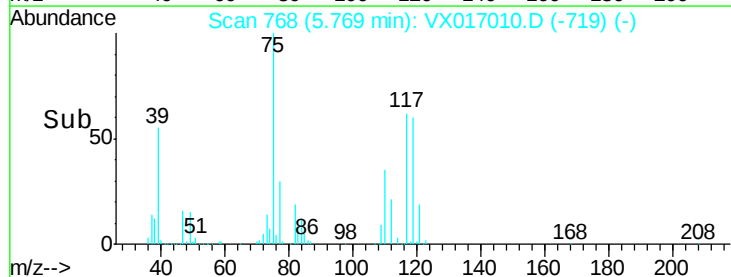
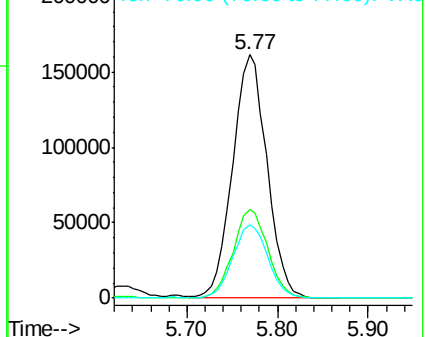
77 30.7 24.6 37.0

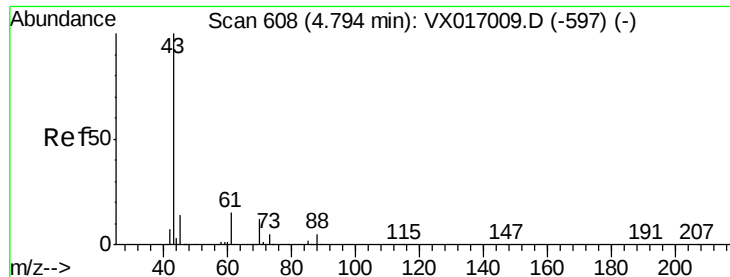


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 89.082 ug/l

RT: 4.79 min Scan# 608

Delta R.T. -0.00 min

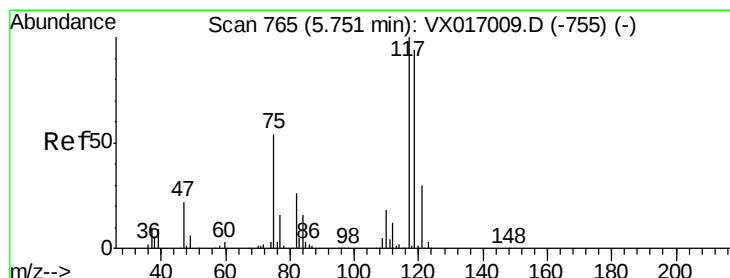
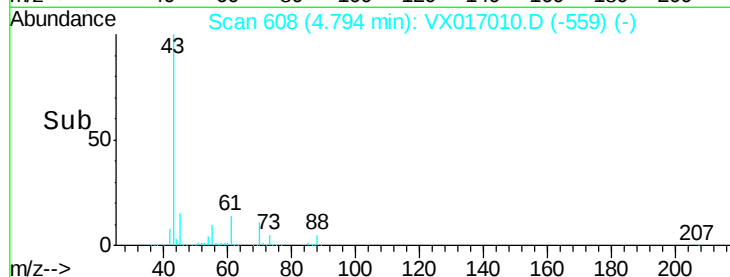
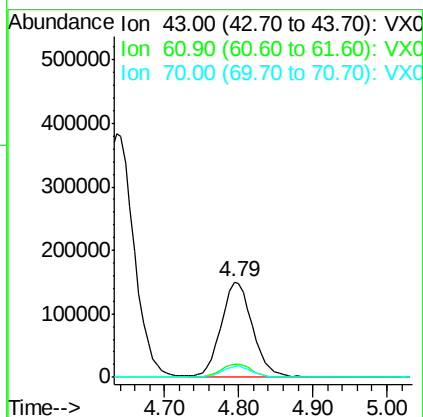
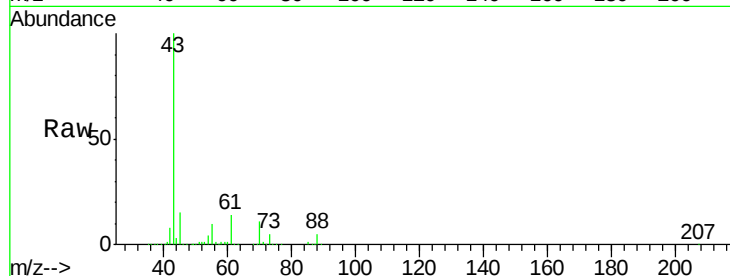
Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 440507

Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	11.4	8.9	13.3



#38

Carbon Tetrachloride

Concen: 87.102 ug/l

RT: 5.75 min Scan# 765

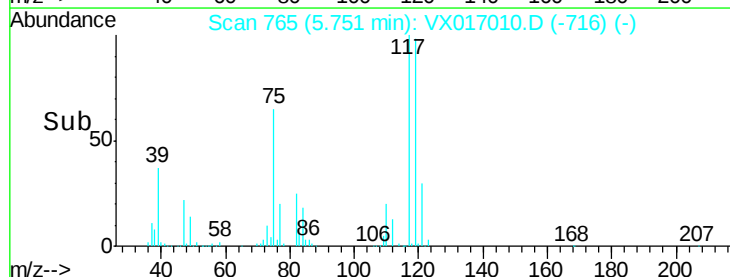
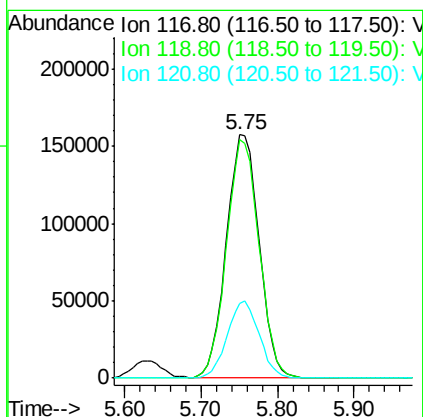
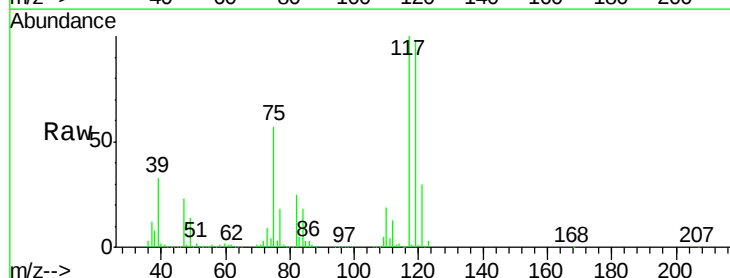
Delta R.T. -0.00 min

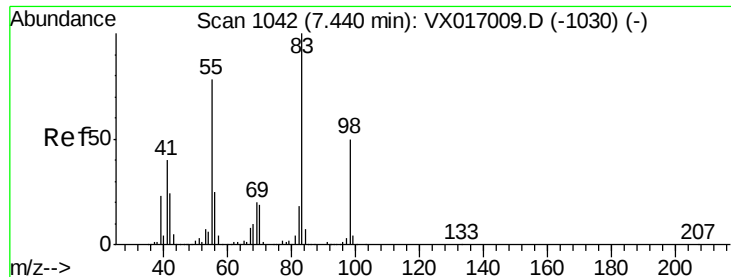
Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Tgt Ion: 117 Resp: 467566

Ion	Ratio	Lower	Upper
117	100		
119	97.8	75.4	113.0
121	30.5	23.8	35.6

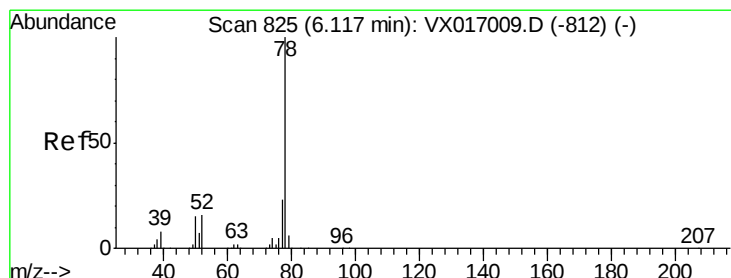
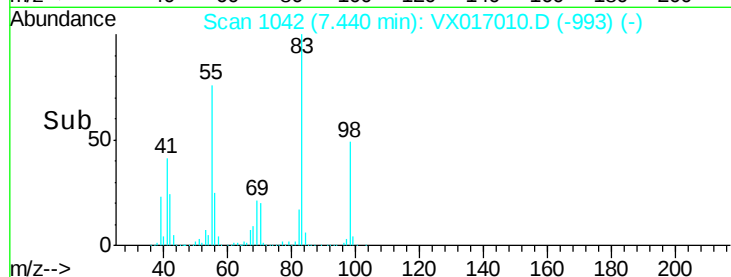
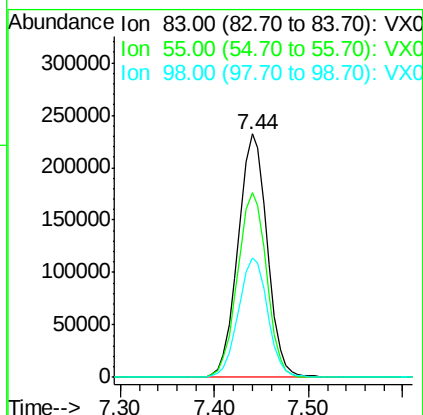
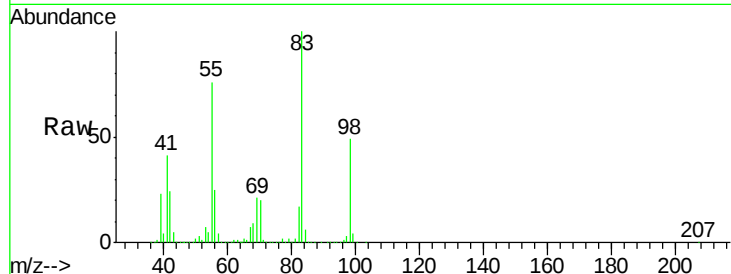




#39
Methylcyclohexane
Concen: 92.519 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017010.D
Acq: 29 Jun 2020 15:43

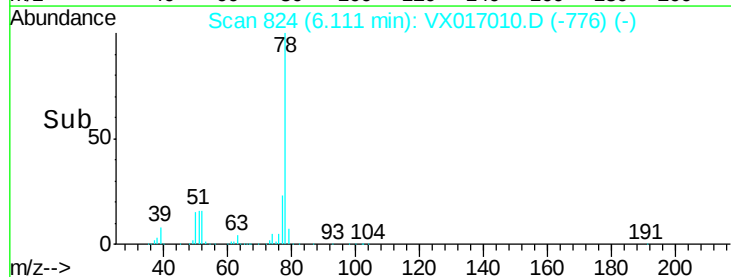
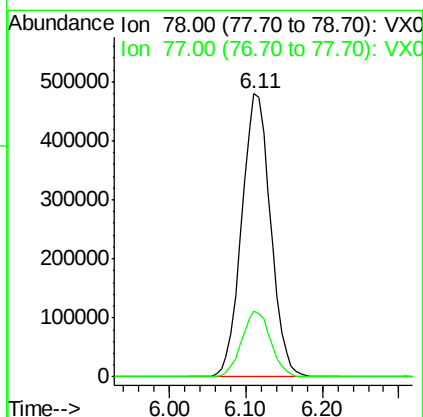
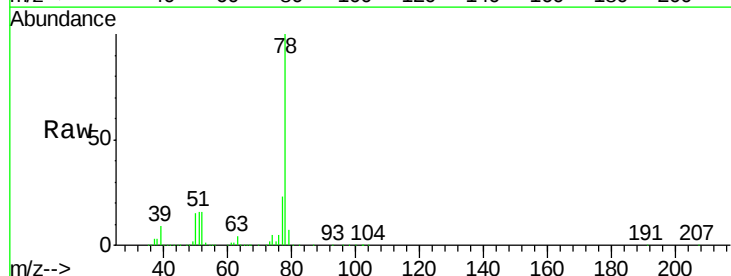
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

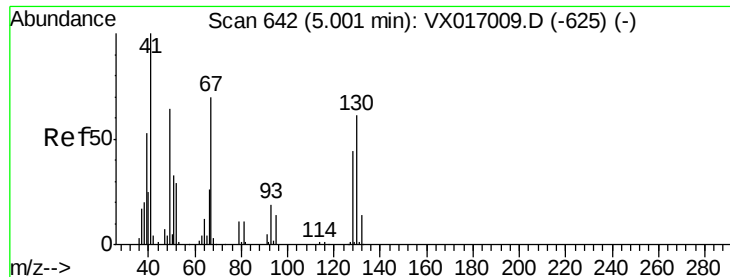
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.7	62.5	93.7
98	49.2	40.1	60.1



#40
Benzene
Concen: 87.833 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017010.D
Acq: 29 Jun 2020 15:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.3	27.5

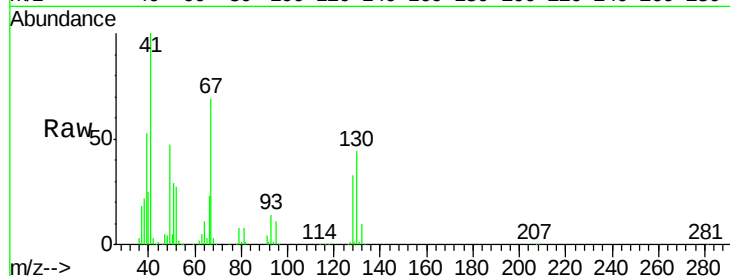




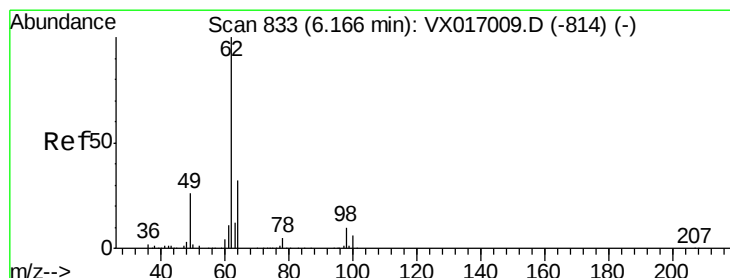
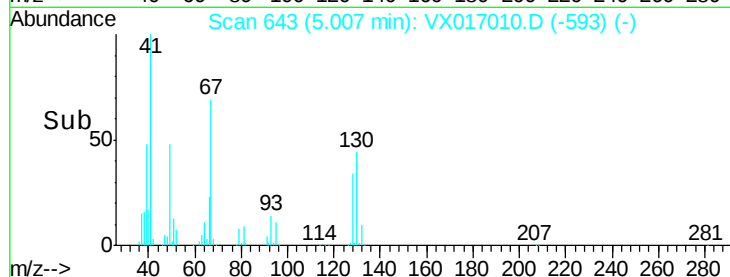
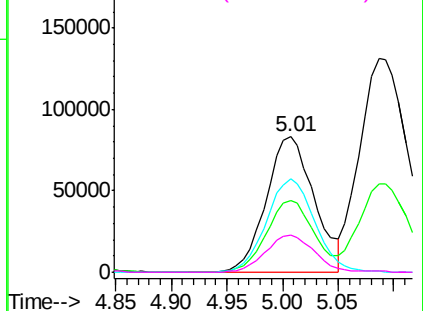
#41
Methacrylonitrile
Concen: 89.747 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017010.D
Acq: 29 Jun 2020 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	249777
Ion	Ratio	Lower	Upper
41	100		
39	53.2	44.4	66.6
67	69.4	57.1	85.7
52	27.9	23.2	34.8

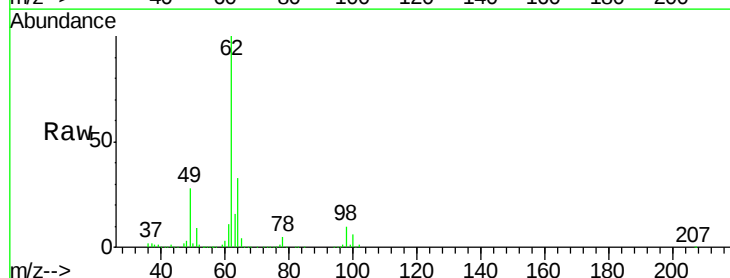


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

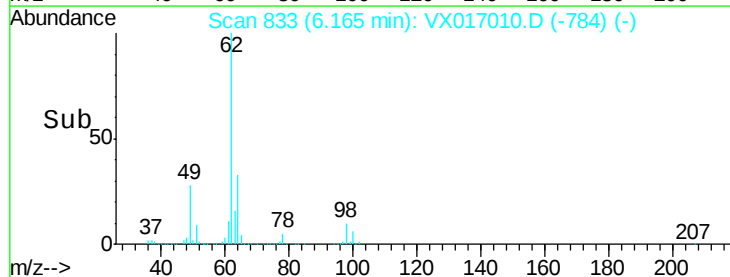
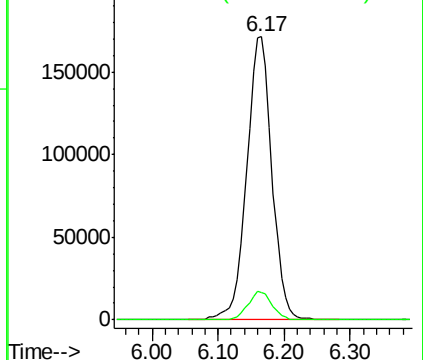


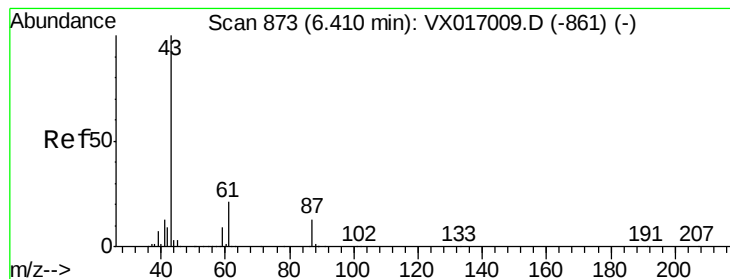
#42
1,2-Dichloroethane
Concen: 87.501 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017010.D
Acq: 29 Jun 2020 15:43

Tgt Ion:	62	Resp:	452590
Ion	Ratio	Lower	Upper
62	100		
98	9.7	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: 91.134 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

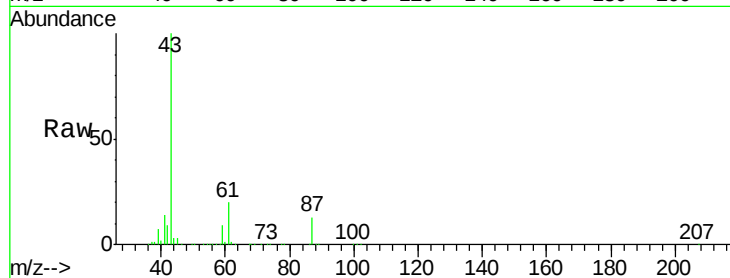
Tgt Ion: 43 Resp: 748855

Ion Ratio Lower Upper

43 100

61 20.4 16.2 24.2

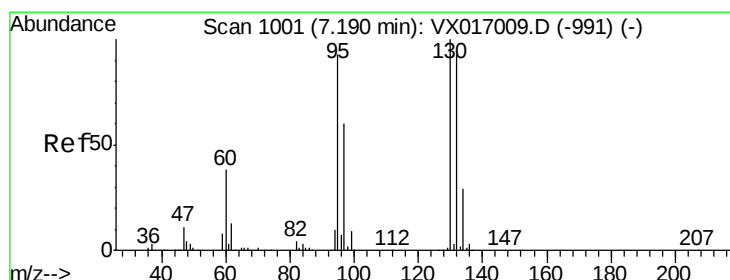
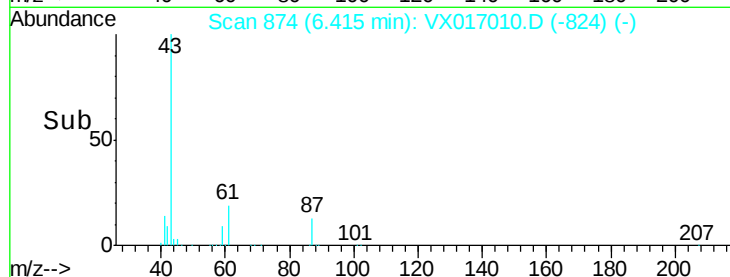
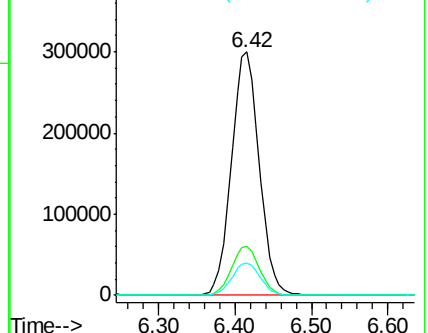
87 13.6 10.7 16.1



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: 83.243 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017010.D

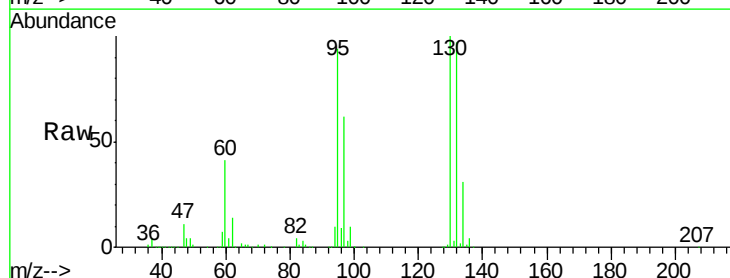
Acq: 29 Jun 2020 15:43

Tgt Ion: 130 Resp: 359036

Ion Ratio Lower Upper

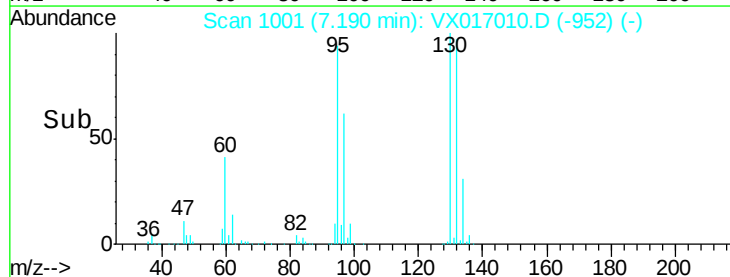
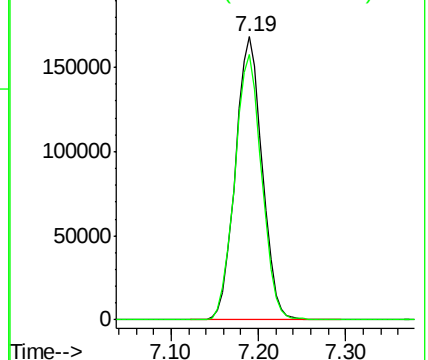
130 100

95 93.6 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: 88.043 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

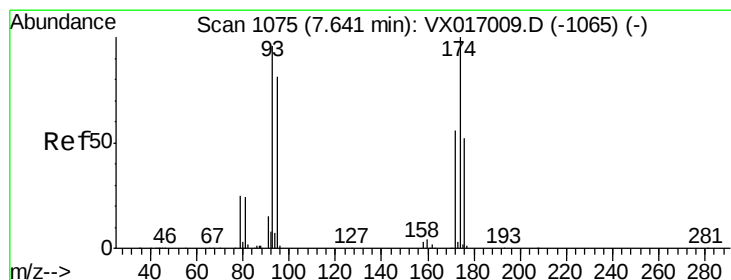
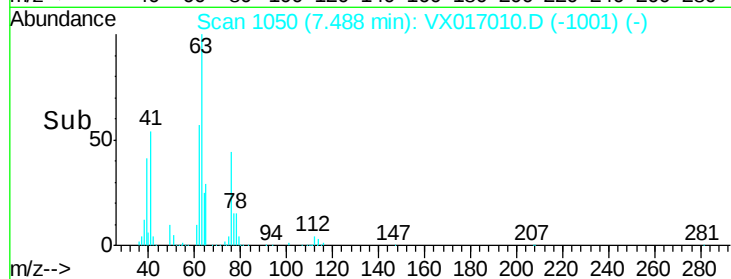
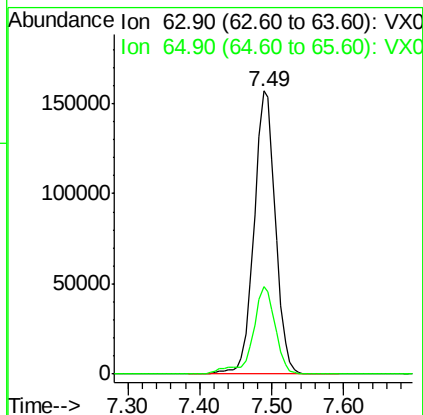
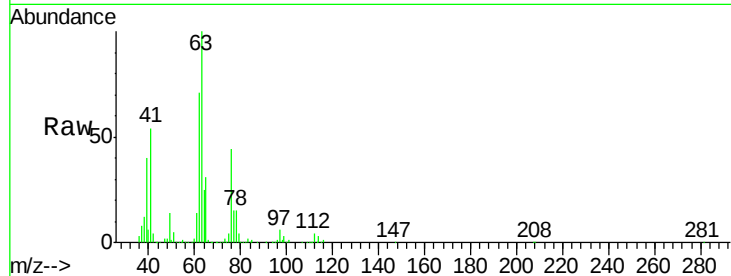
VSTDIC100

Tgt Ion: 63 Resp: 323816

Ion Ratio Lower Upper

63 100

65 30.9 24.6 36.8



#46

Dibromomethane

Concen: 87.917 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

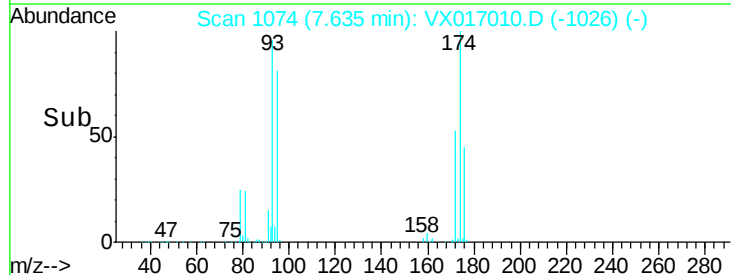
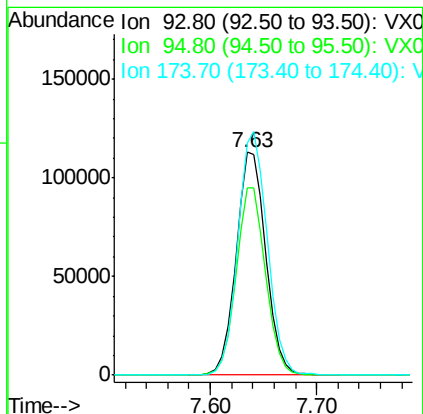
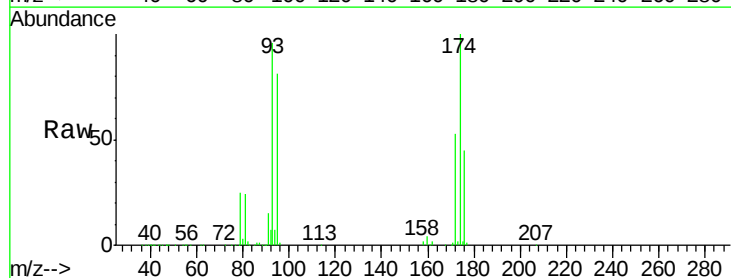
Tgt Ion: 93 Resp: 220760

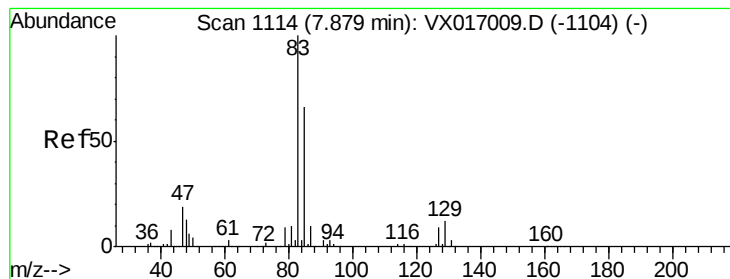
Ion Ratio Lower Upper

93 100

95 83.4 67.4 101.0

174 108.5 84.3 126.5





#47

Bromodichloromethane

Concen: 89.284 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

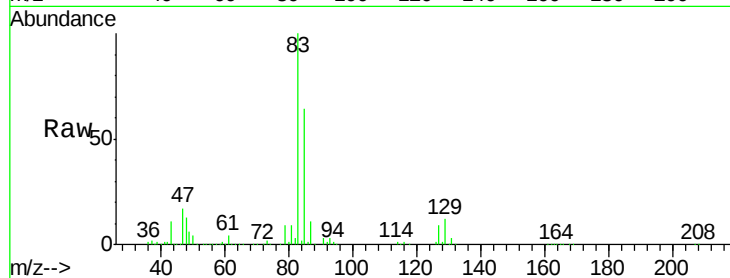
Tgt Ion: 83 Resp: 462021

Ion Ratio Lower Upper

83 100

85 63.7 53.0 79.4

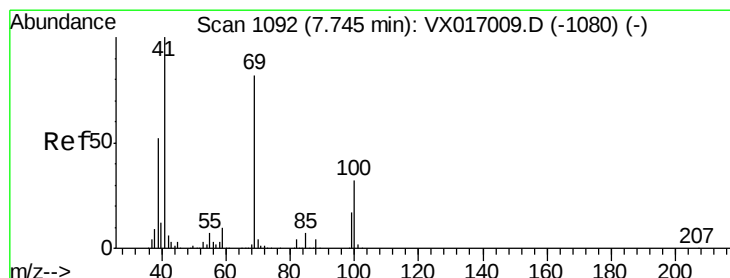
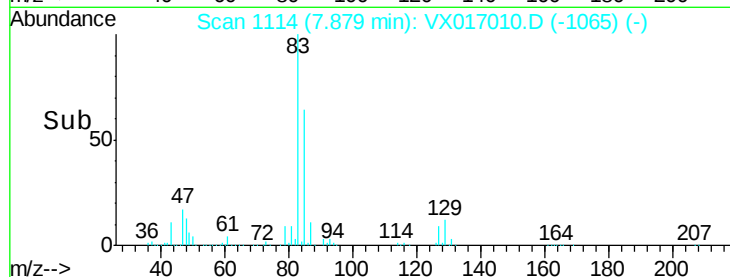
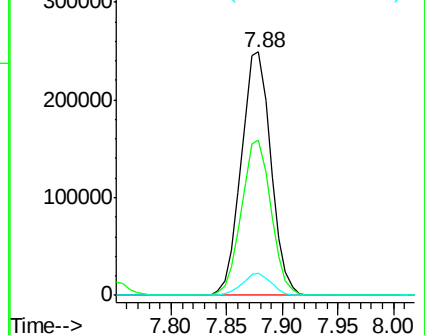
127 9.0 7.5 11.3



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: 94.716 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

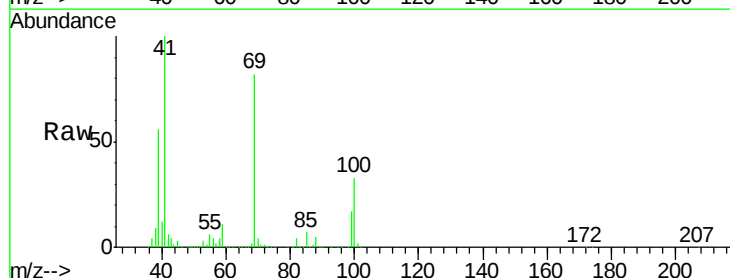
Tgt Ion: 41 Resp: 369760

Ion Ratio Lower Upper

41 100

69 82.8 65.8 98.8

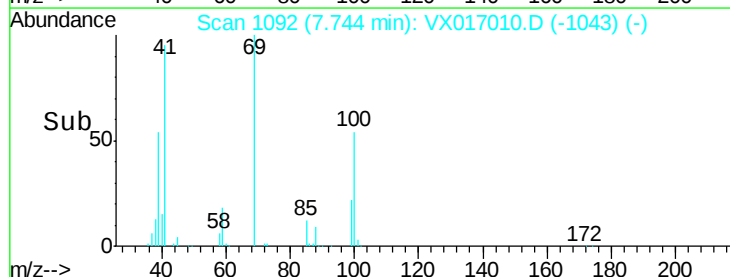
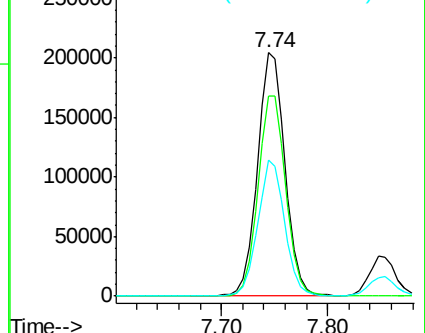
39 54.4 42.5 63.7

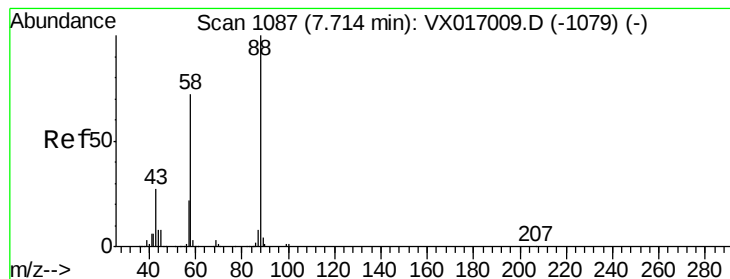


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1830.675 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

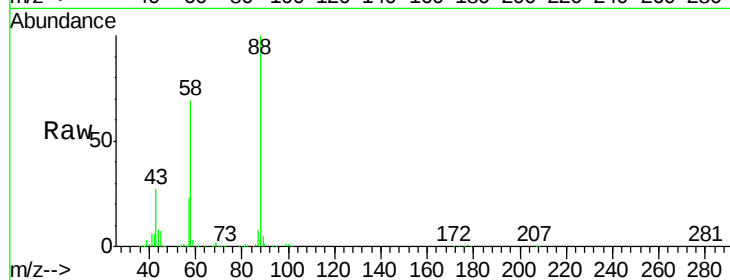
Tgt Ion: 88 Resp: 161907

Ion Ratio Lower Upper

88 100

43 32.9 25.8 38.8

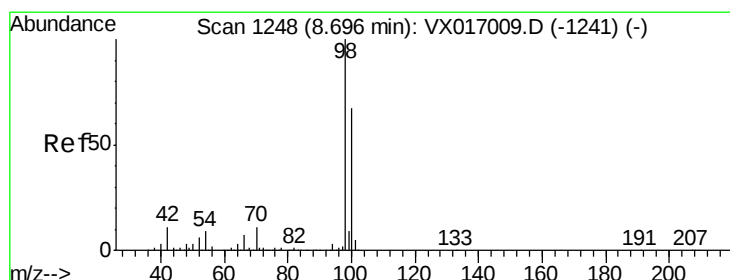
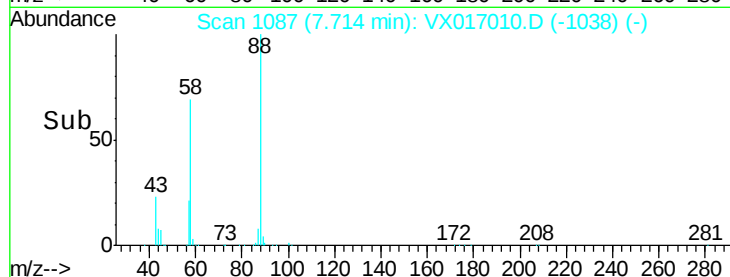
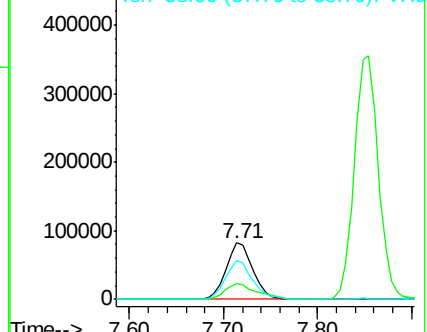
58 69.9 54.8 82.2



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: 90.025 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017010.D

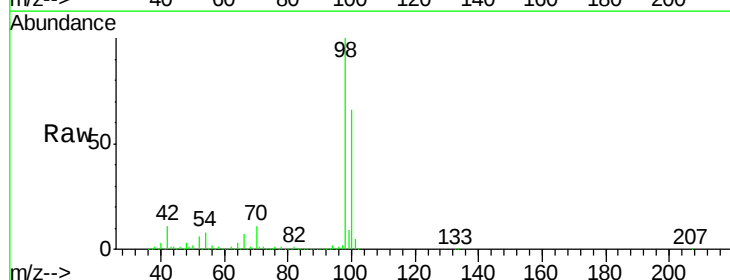
Acq: 29 Jun 2020 15:43

Tgt Ion: 98 Resp: 1085901

Ion Ratio Lower Upper

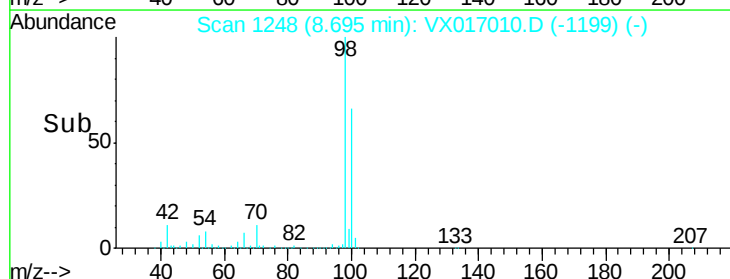
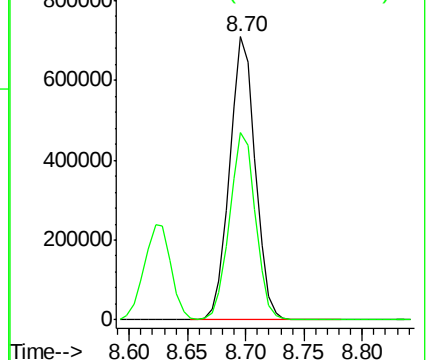
98 100

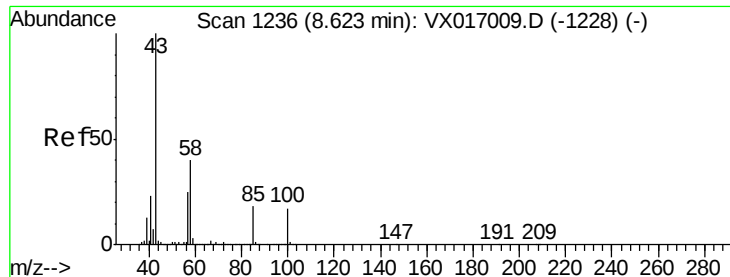
100 66.9 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

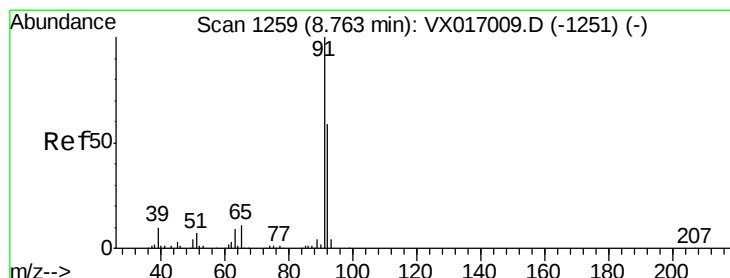
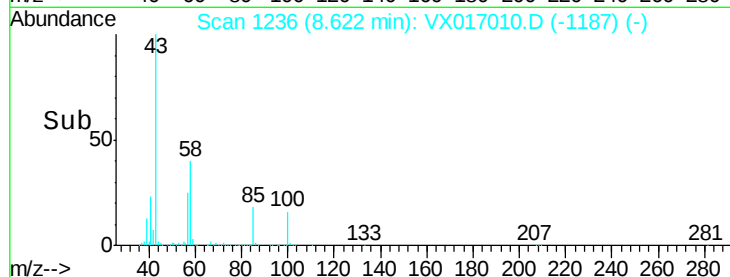
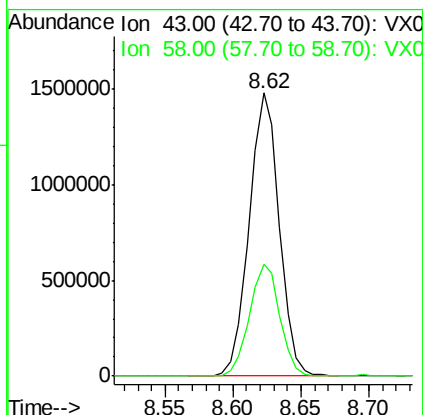
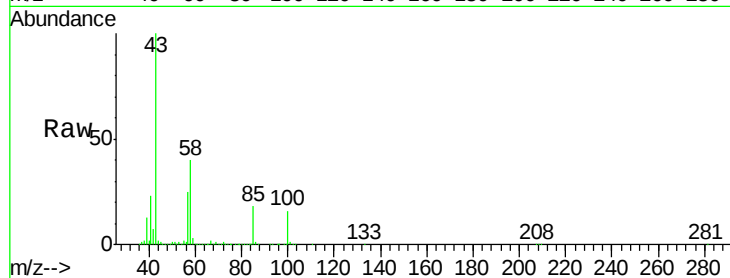




#51
 4-Methyl-2-Pentanone
 Concen: 468.977 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017010.D
 Acq: 29 Jun 2020 15:43

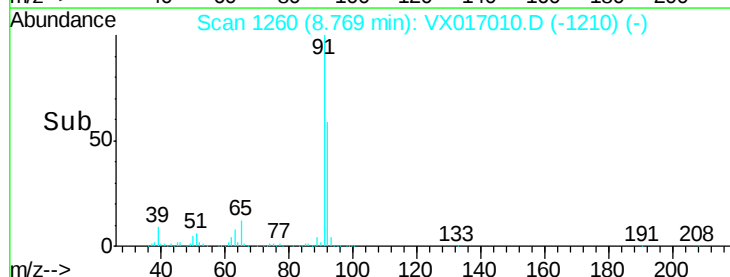
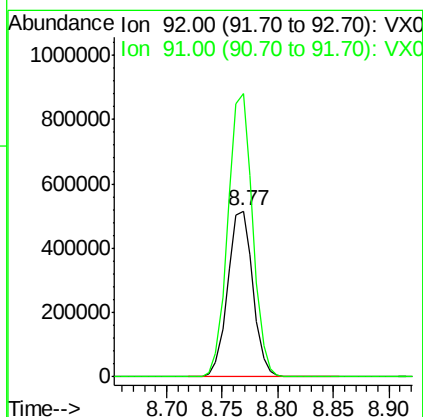
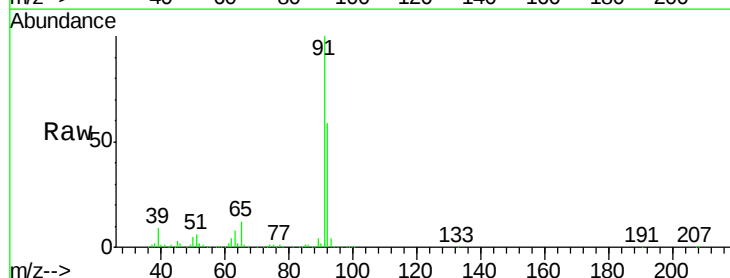
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

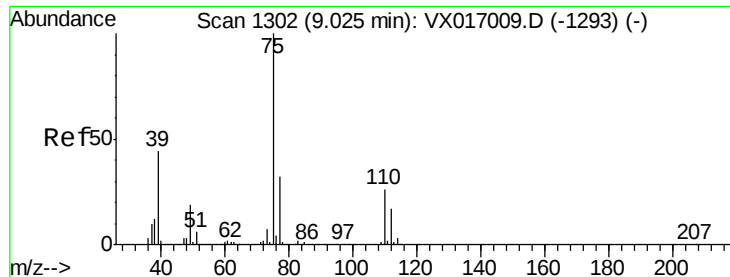
Tgt Ion: 43 Resp: 2297127
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.9 47.9



#52
 Toluene
 Concen: 89.783 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX017010.D
 Acq: 29 Jun 2020 15:43

Tgt Ion: 92 Resp: 802705
 Ion Ratio Lower Upper
 92 100
 91 168.6 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 93.014 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

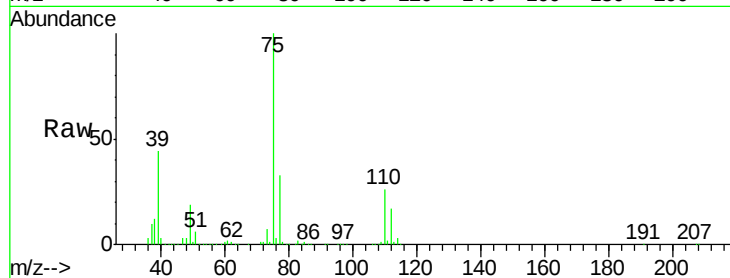
VSTDIC100

Tgt Ion: 75 Resp: 531059

Ion Ratio Lower Upper

75 100

77 32.5 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

400000

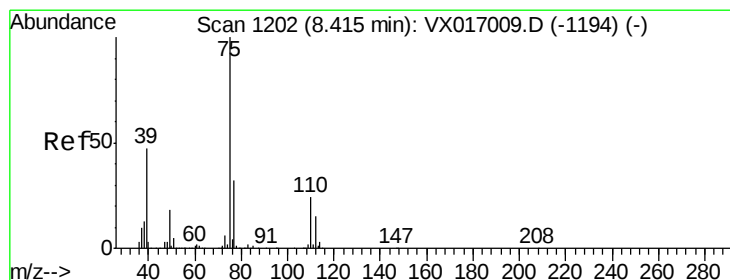
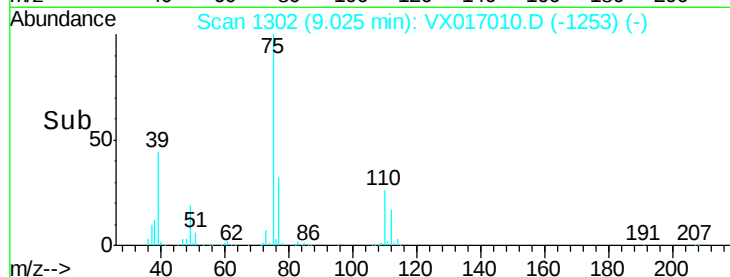
300000

200000

100000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 90.258 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

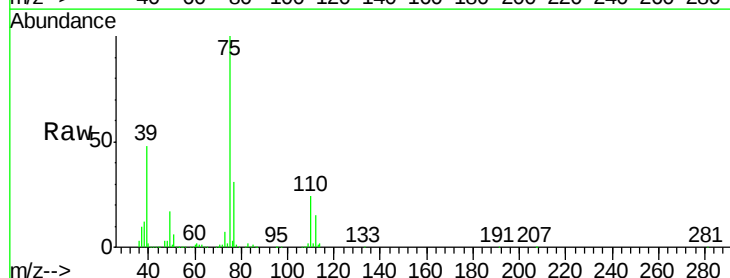
Tgt Ion: 75 Resp: 552420

Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8

39 48.1 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

400000

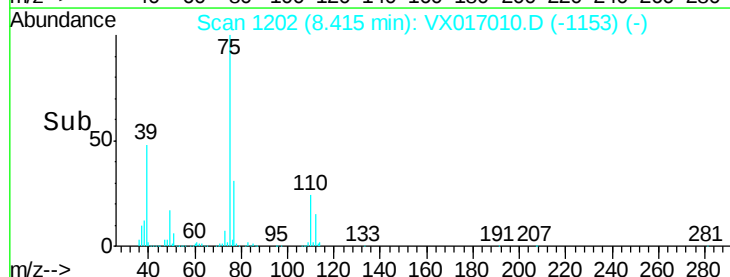
300000

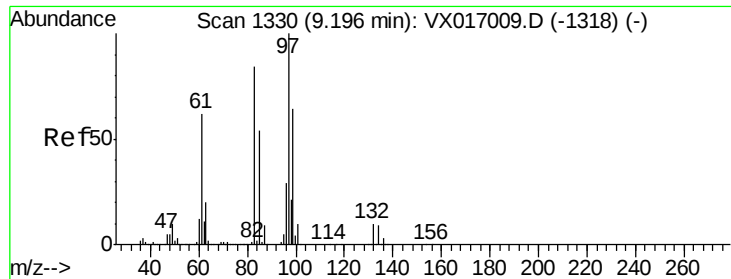
200000

100000

0

Time--> 8.30 8.40 8.50

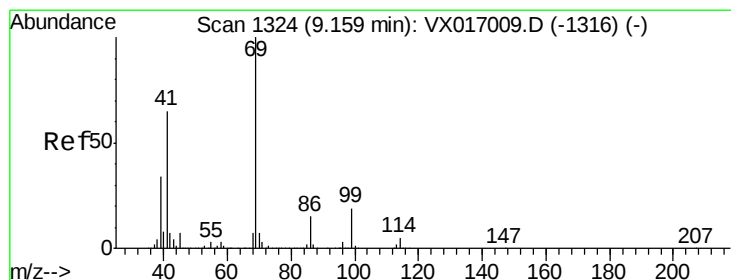
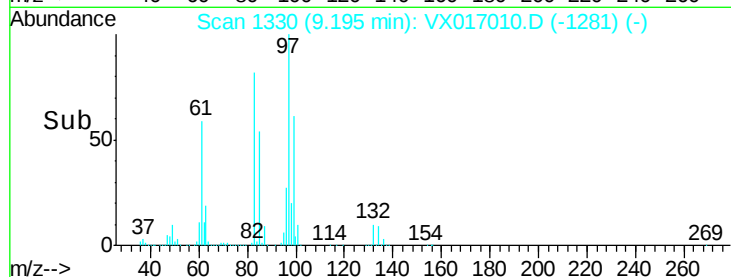
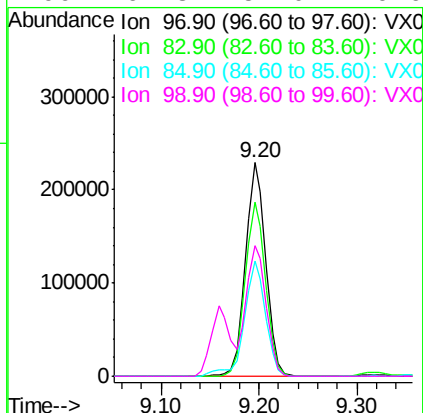
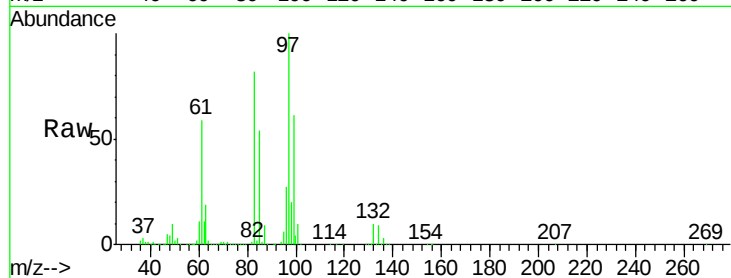




#55
 1,1,2-Trichloroethane
 Concen: 89.881 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017010.D
 Acq: 29 Jun 2020 15:43

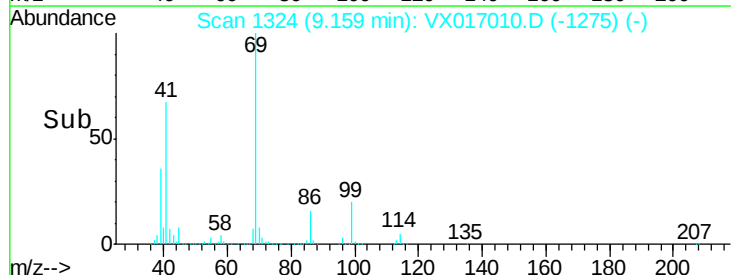
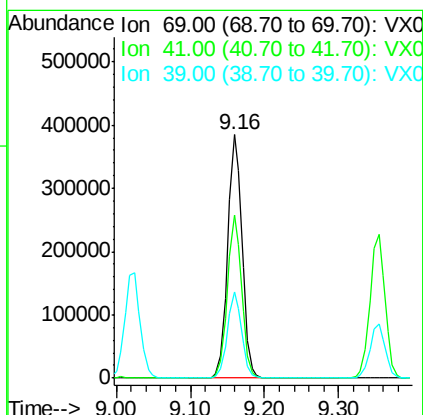
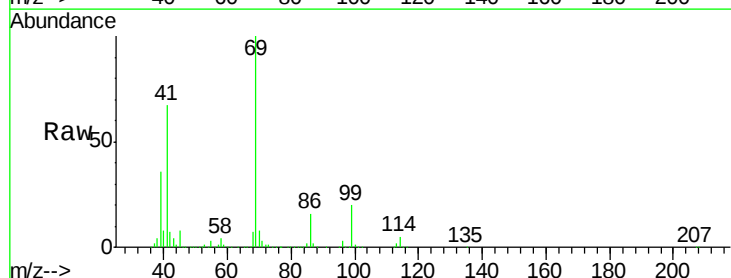
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

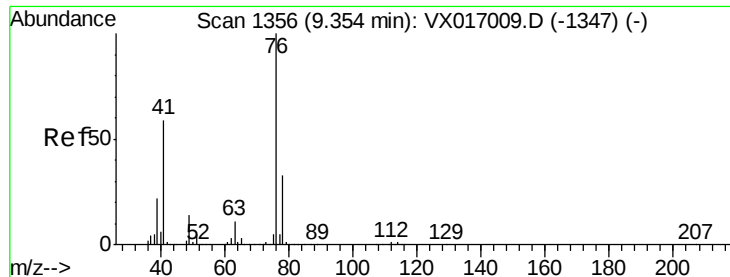
Tgt Ion:	97	Resp:	328321
Ion	Ratio	Lower	Upper
97	100		
83	81.7	67.0	100.6
85	54.2	43.5	65.3
99	61.3	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 99.980 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017010.D
 Acq: 29 Jun 2020 15:43

Tgt Ion:	69	Resp:	519812
Ion	Ratio	Lower	Upper
69	100		
41	66.3	53.6	80.4
39	35.0	28.2	42.2





#57

1,3-Dichloropropane

Concen: 87.800 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

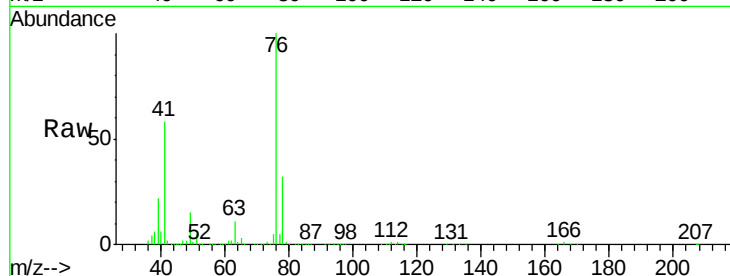
VSTDIC100

Tgt Ion: 76 Resp: 542690

Ion Ratio Lower Upper

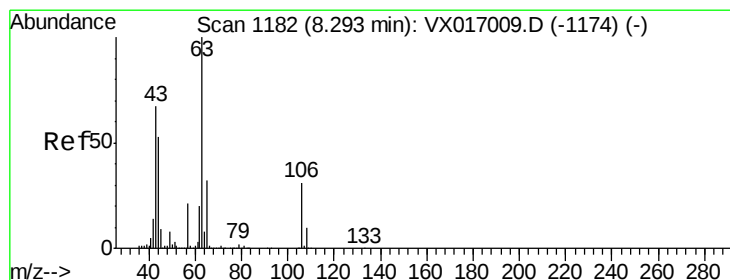
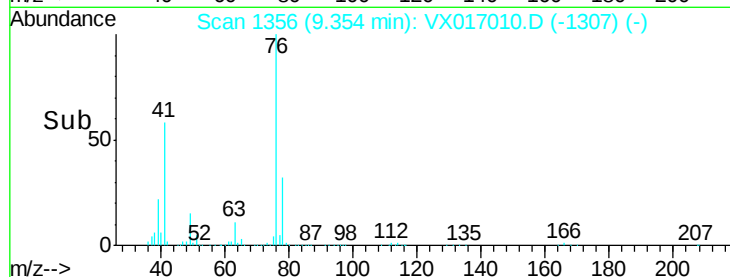
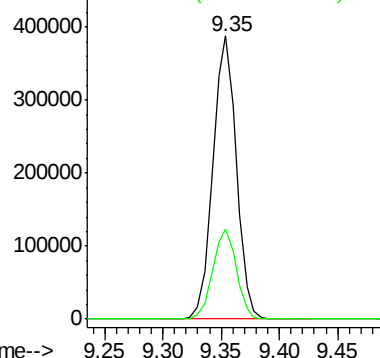
76 100

78 32.1 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: 496.895 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017010.D

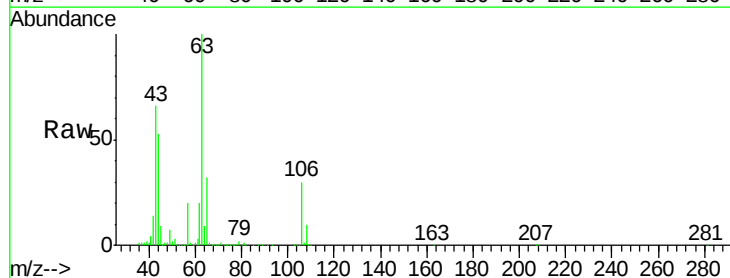
Acq: 29 Jun 2020 15:43

Tgt Ion: 63 Resp: 1285755

Ion Ratio Lower Upper

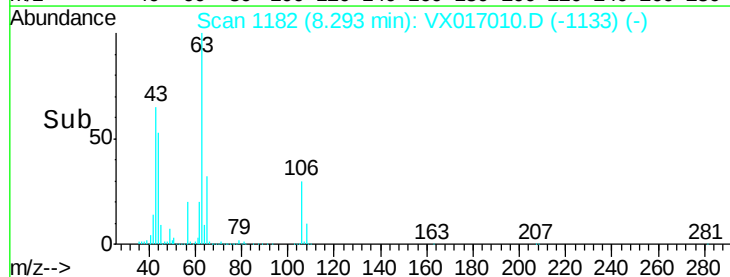
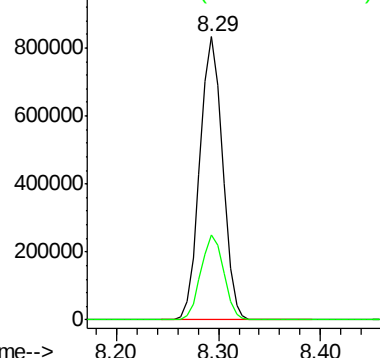
63 100

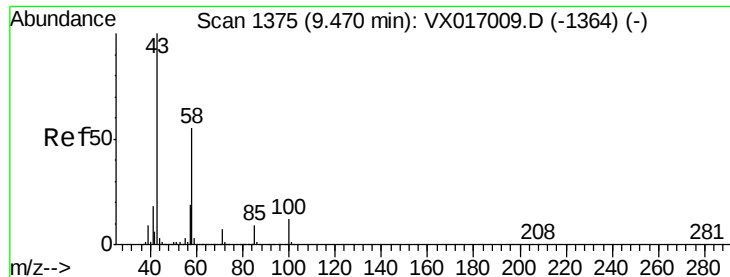
106 30.1 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

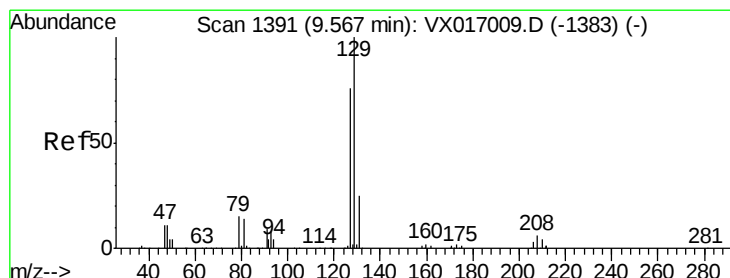
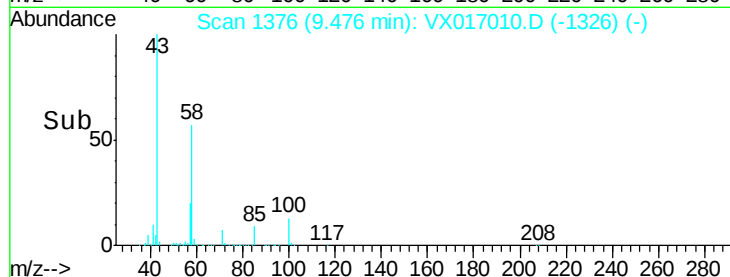
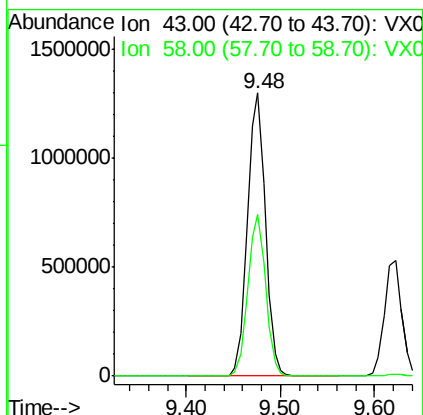
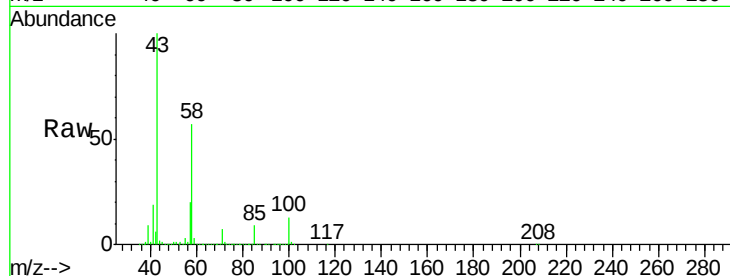




#59
2-Hexanone
Concen: 480.862 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017010.D
Acq: 29 Jun 2020 15:43

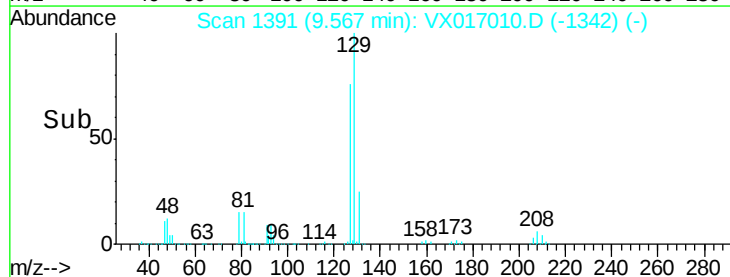
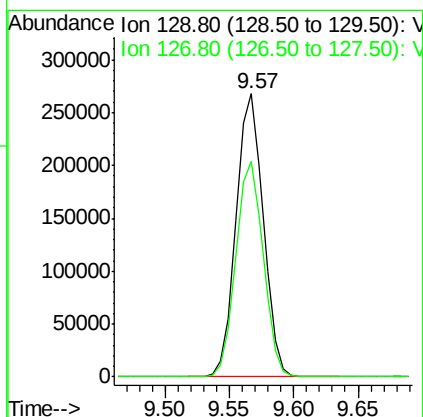
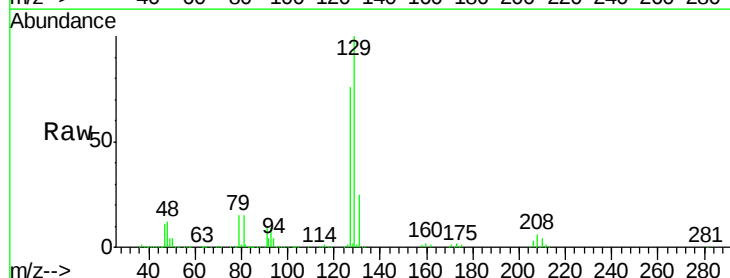
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

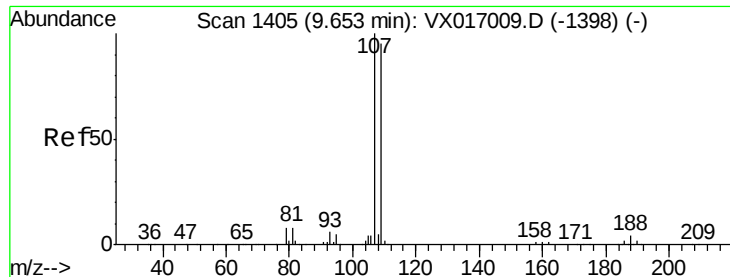
Tgt Ion: 43 Resp: 1720186
Ion Ratio Lower Upper
43 100
58 56.4 27.9 83.6



#60
Dibromochloromethane
Concen: 92.675 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017010.D
Acq: 29 Jun 2020 15:43

Tgt Ion: 129 Resp: 393183
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 90.502 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

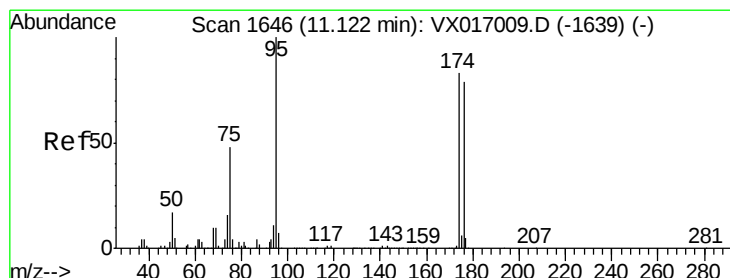
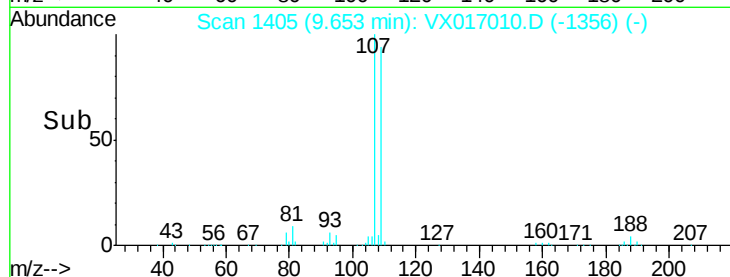
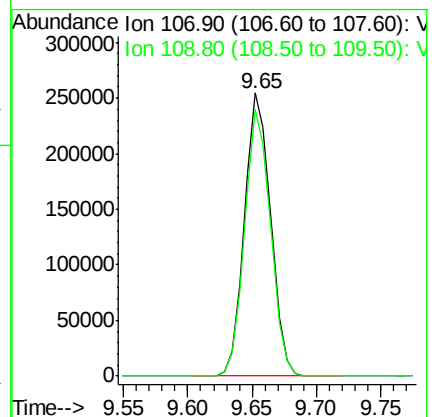
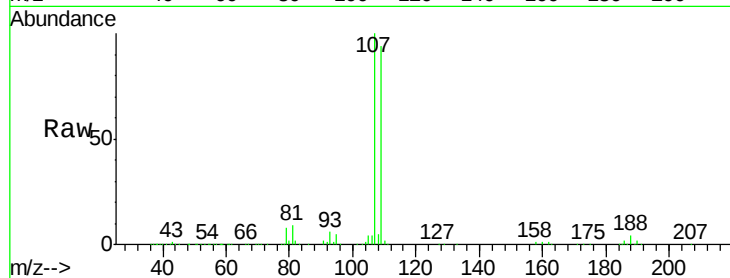
VSTDIC100

Tgt Ion: 107 Resp: 355346

Ion Ratio Lower Upper

107 100

109 93.9 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 93.163 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

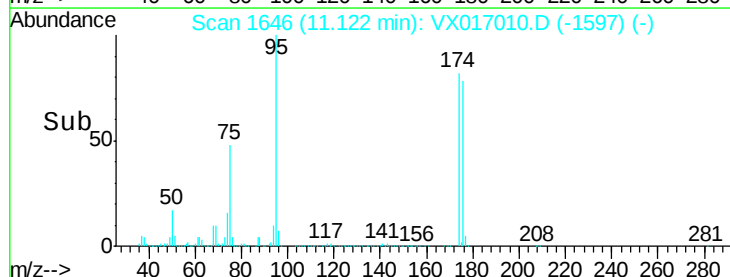
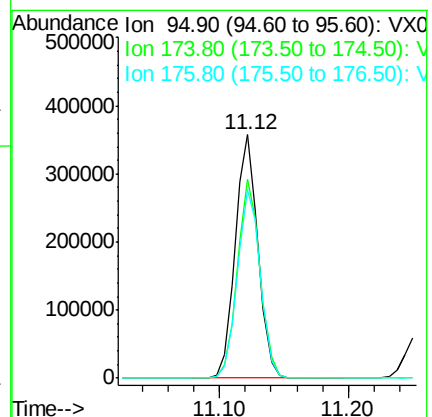
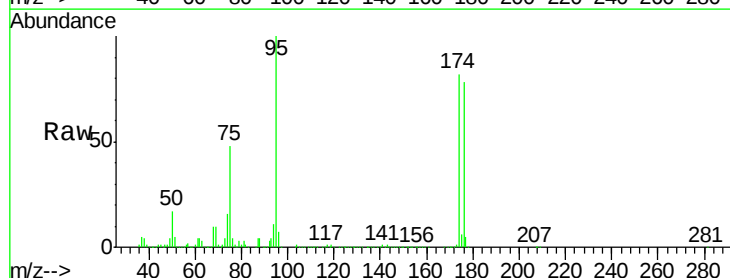
Tgt Ion: 95 Resp: 439288

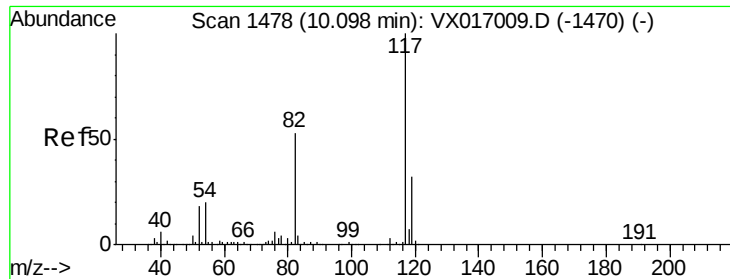
Ion Ratio Lower Upper

95 100

174 81.3 0.0 164.0

176 78.5 0.0 157.6

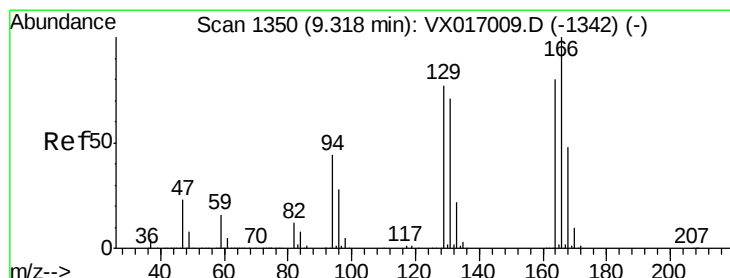
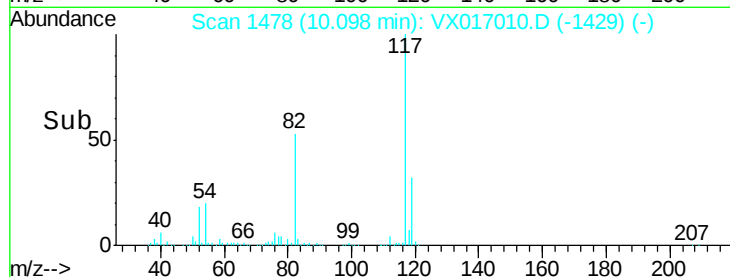
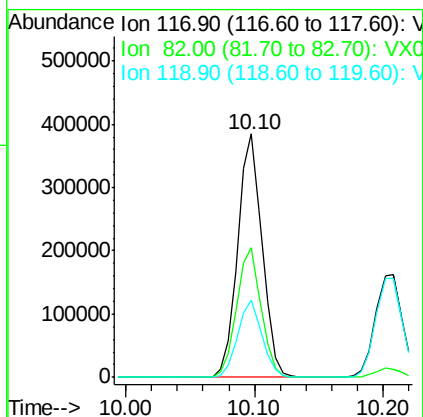
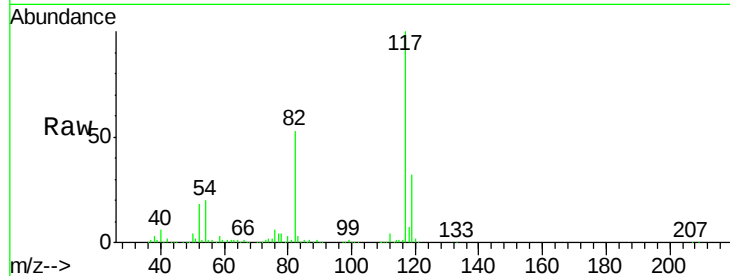




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017010.D
Acq: 29 Jun 2020 15:43

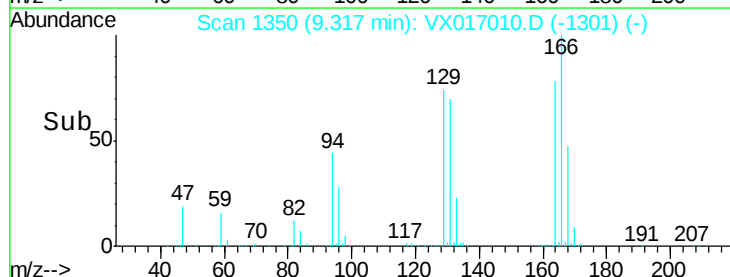
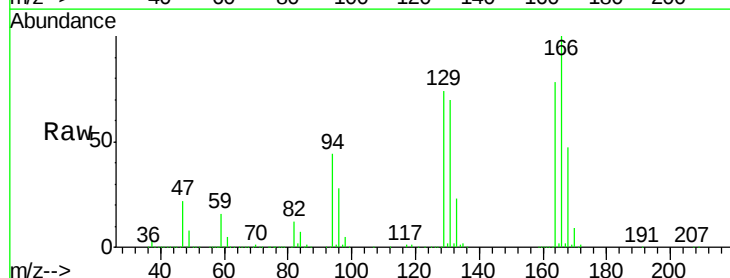
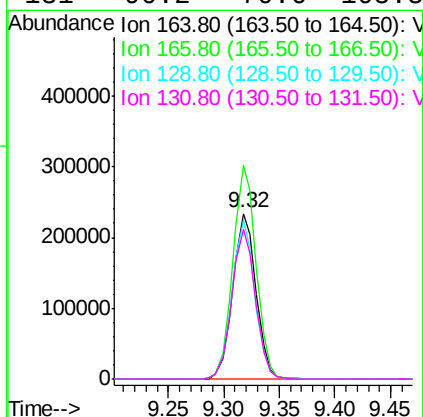
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

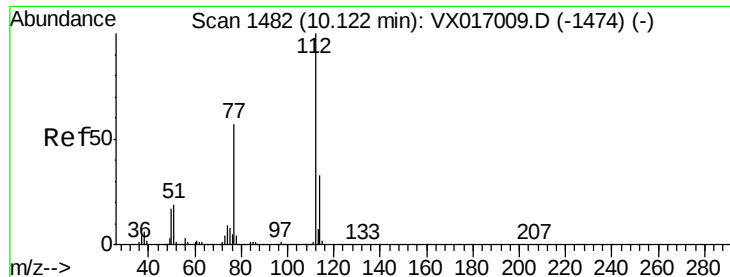
Tgt Ion:117 Resp: 504882
Ion Ratio Lower Upper
117 100
82 53.4 42.6 63.8
119 31.5 25.4 38.2



#64
Tetrachloroethene
Concen: 82.492 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017010.D
Acq: 29 Jun 2020 15:43

Tgt Ion:164 Resp: 336131
Ion Ratio Lower Upper
164 100
166 129.0 99.4 149.0
129 95.8 76.3 114.5
131 90.2 70.6 105.8

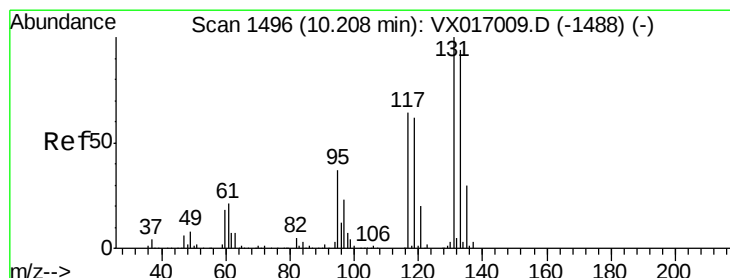
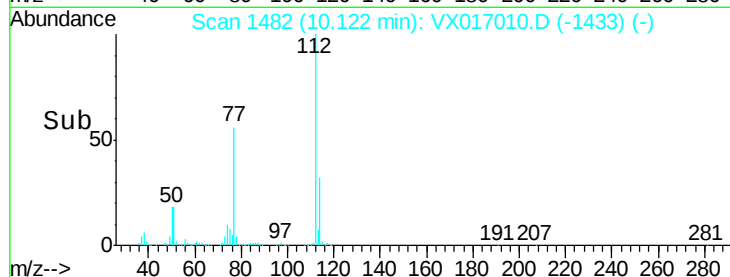
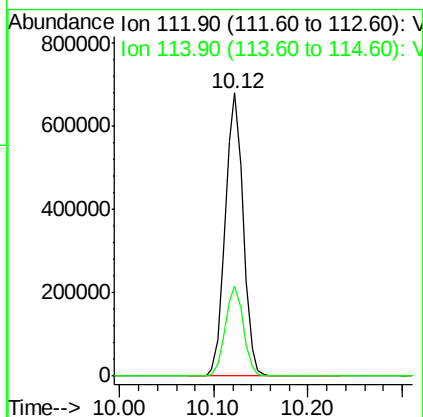
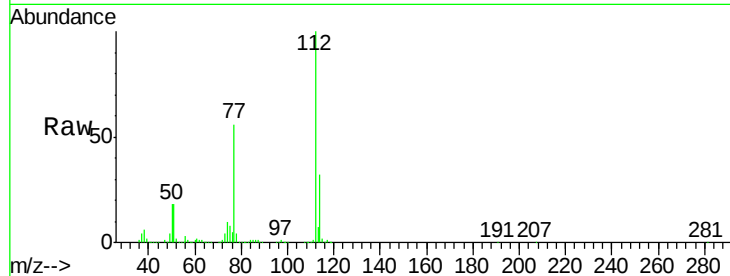




#65
Chlorobenzene
Concen: 86.024 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017010.D
Acq: 29 Jun 2020 15:43

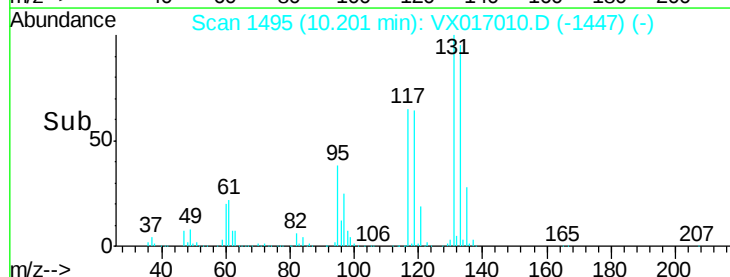
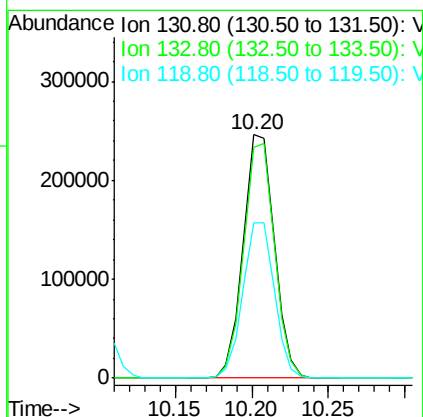
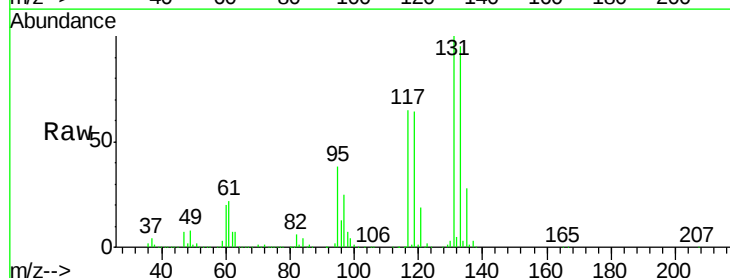
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

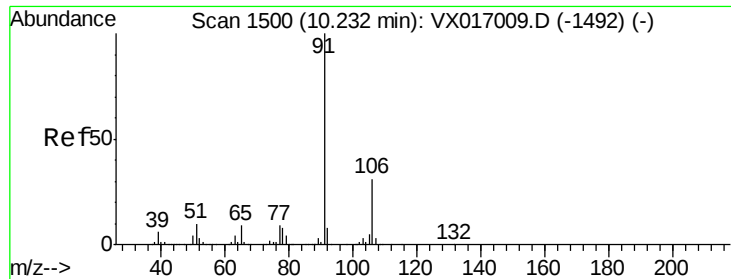
Tgt Ion:112 Resp: 896407
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 87.205 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017010.D
Acq: 29 Jun 2020 15:43

Tgt Ion:131 Resp: 350208
Ion Ratio Lower Upper
131 100
133 95.5 47.3 141.9
119 64.2 31.9 95.5





#67

Ethyl Benzene

Concen: 91.100 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

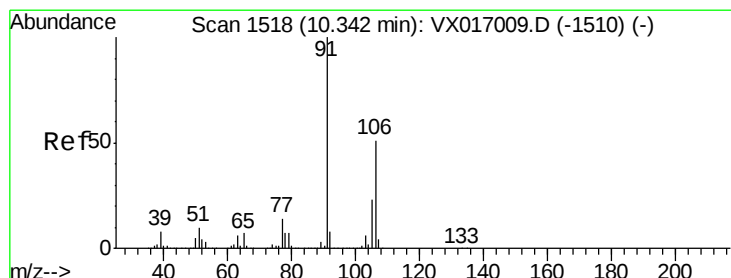
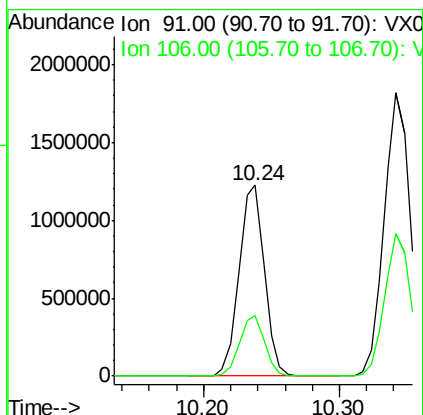
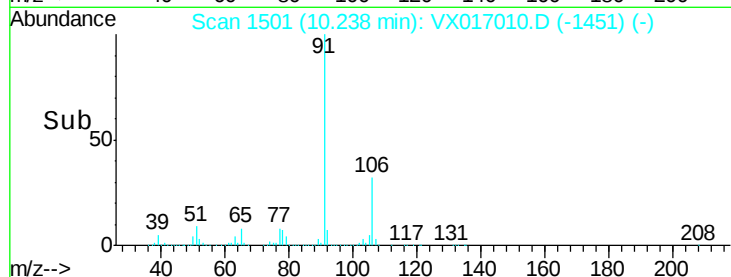
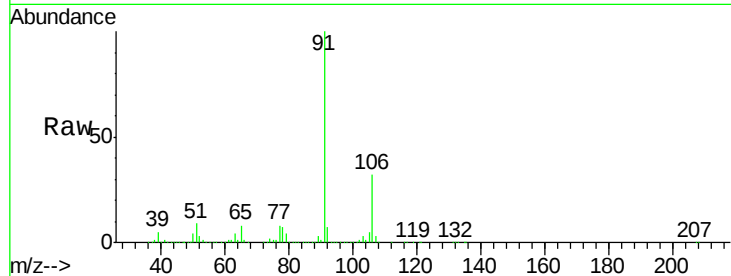
VSTDIC100

Tgt Ion: 91 Resp: 1585354

Ion Ratio Lower Upper

91 100

106 31.8 24.7 37.1



#68

m/p-Xylenes

Concen: 181.553 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017010.D

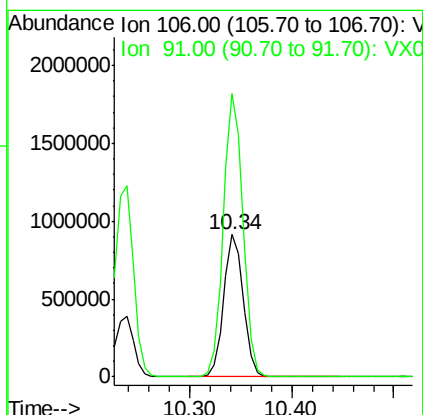
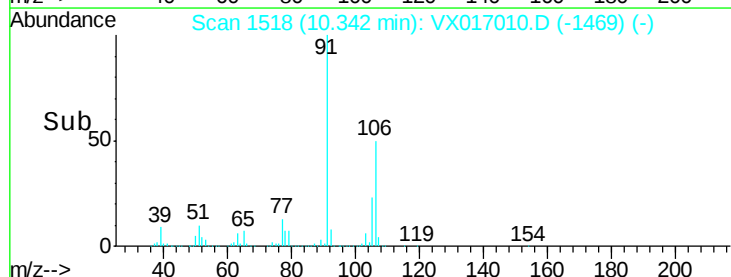
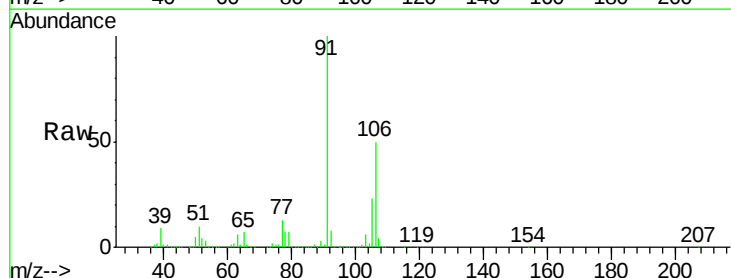
Acq: 29 Jun 2020 15:43

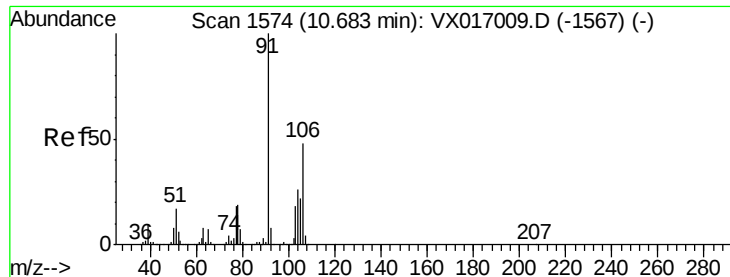
Tgt Ion: 106 Resp: 1213121

Ion Ratio Lower Upper

106 100

91 199.9 158.6 238.0

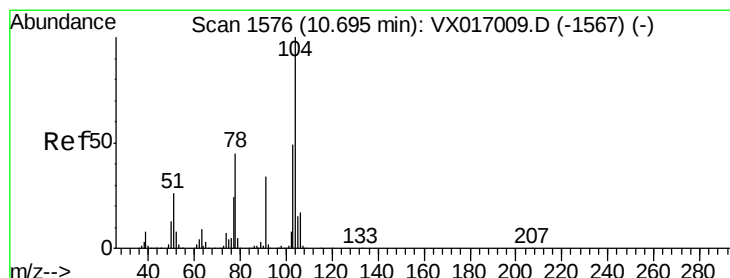
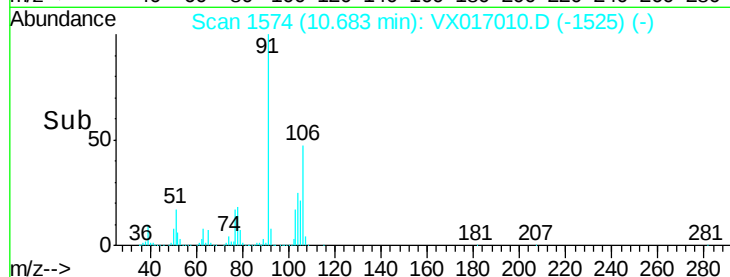
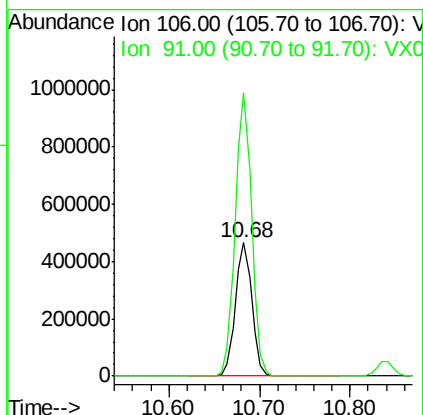
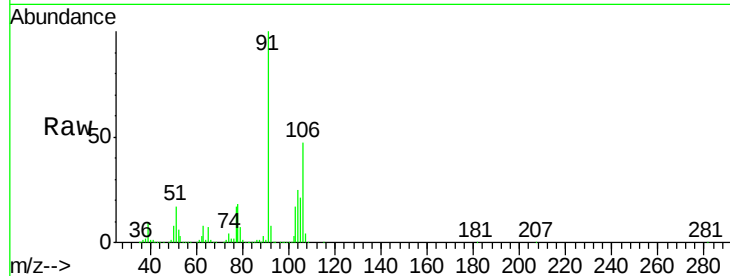




#69
o-Xylene
Concen: 92.446 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017010.D
Acq: 29 Jun 2020 15:43

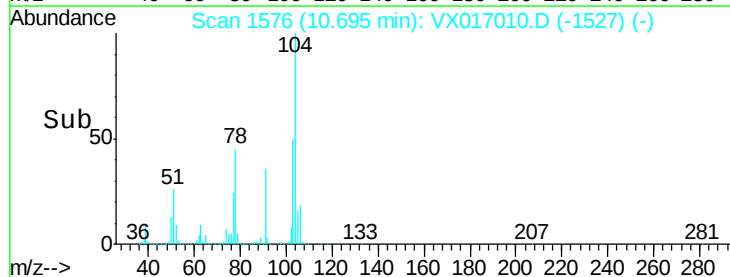
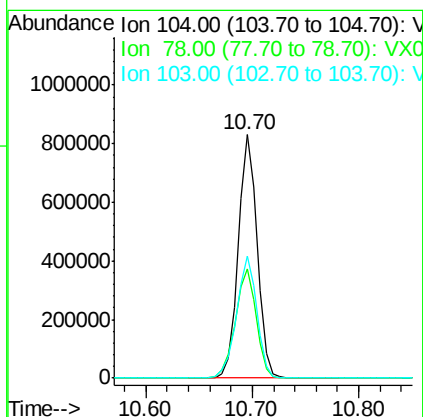
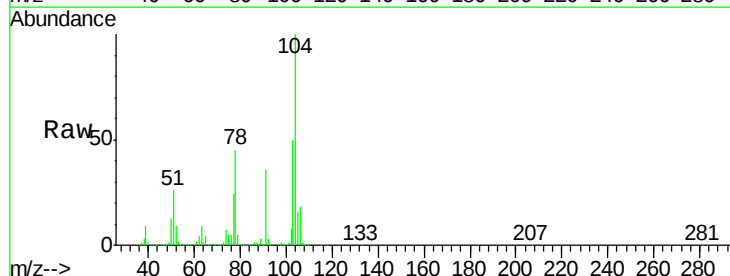
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

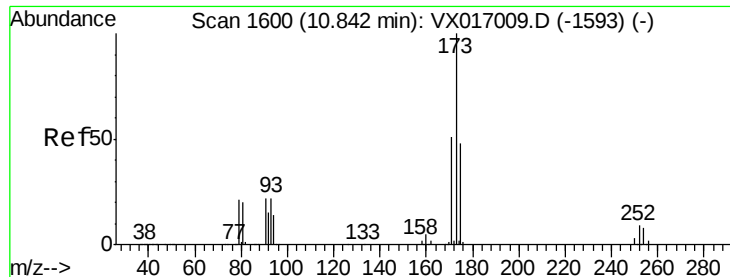
Tgt Ion:106 Resp: 587633
Ion Ratio Lower Upper
106 100
91 211.3 105.6 316.7



#70
Styrene
Concen: 95.995 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017010.D
Acq: 29 Jun 2020 15:43

Tgt Ion:104 Resp: 1039095
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 53.6 43.0 64.6





#71

Bromoform

Concen: 95.257 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

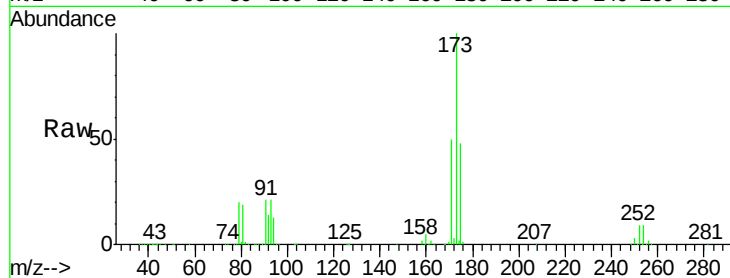
Tgt Ion:173 Resp: 303353

Ion Ratio Lower Upper

173 100

175 48.9 24.5 73.5

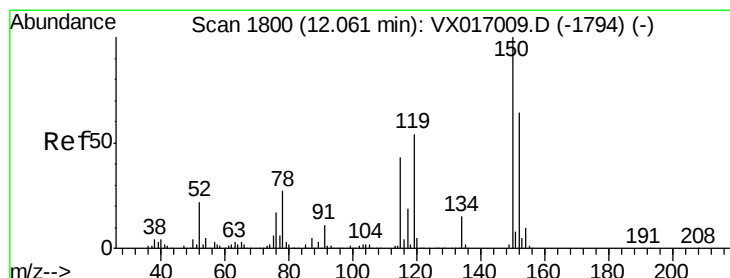
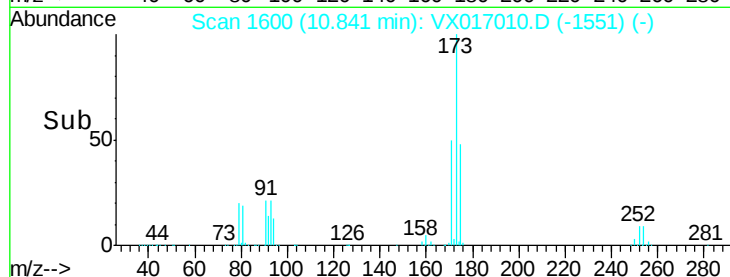
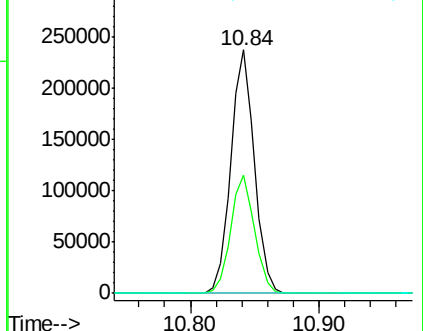
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

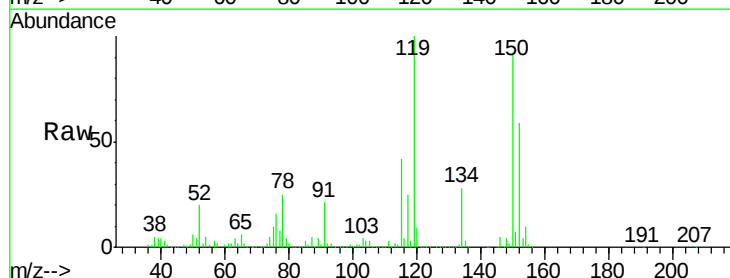
Tgt Ion:152 Resp: 262944

Ion Ratio Lower Upper

152 100

115 98.8 40.9 122.7

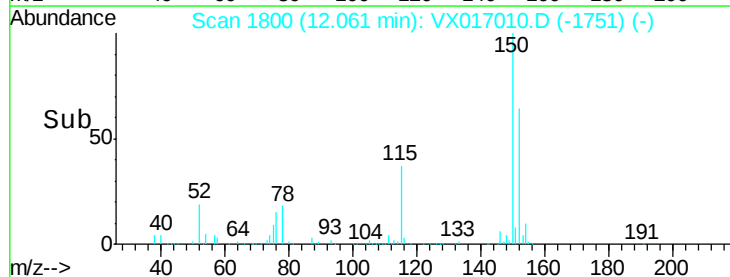
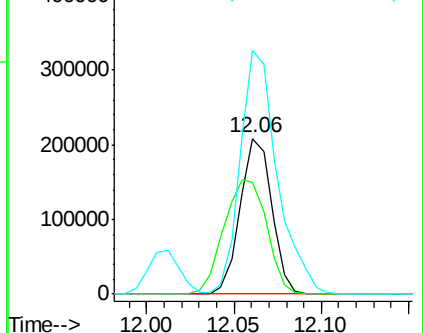
150 183.4 0.0 351.6

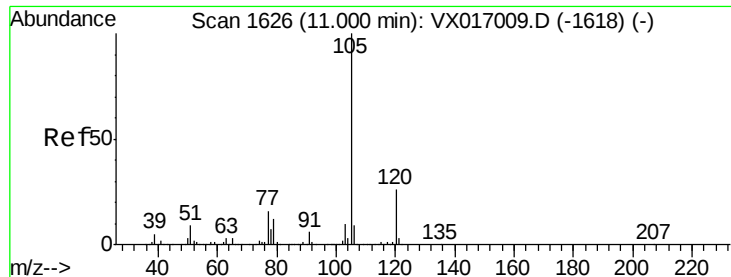


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 92.010 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

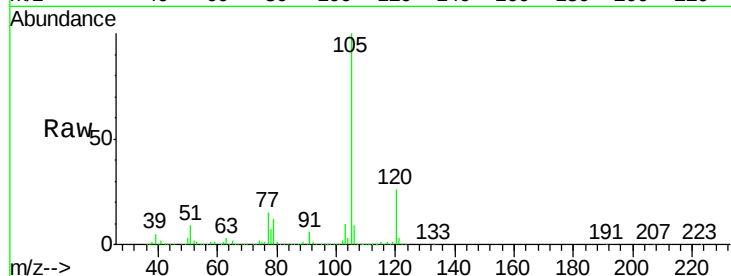
VSTDIC100

Tgt Ion:105 Resp: 1584699

Ion Ratio Lower Upper

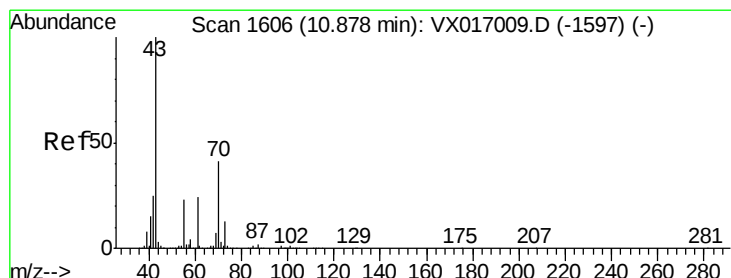
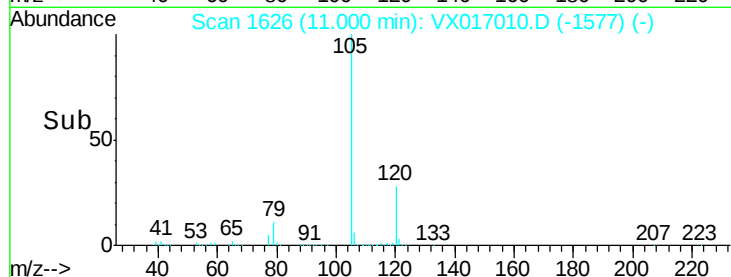
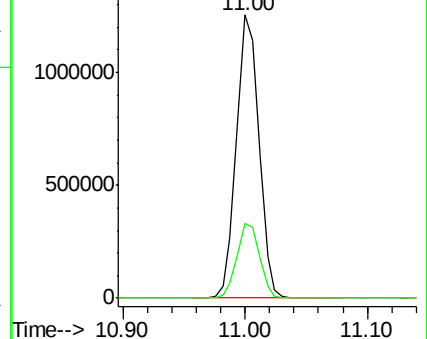
105 100

120 26.7 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: 95.498 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Tgt Ion: 43 Resp: 701815

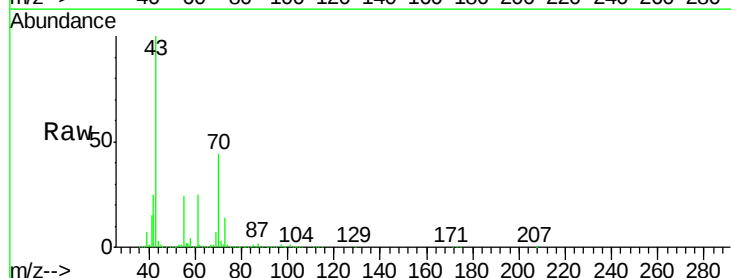
Ion Ratio Lower Upper

43 100

70 42.9 34.2 51.2

55 23.8 19.2 28.8

61 24.7 19.6 29.4

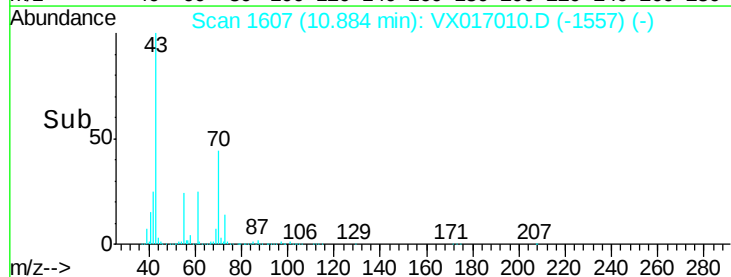
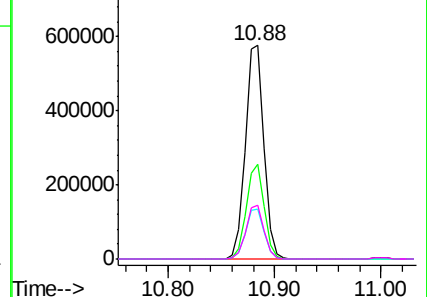


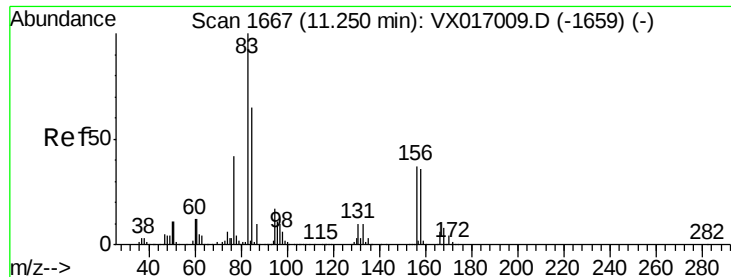
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 86.178 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

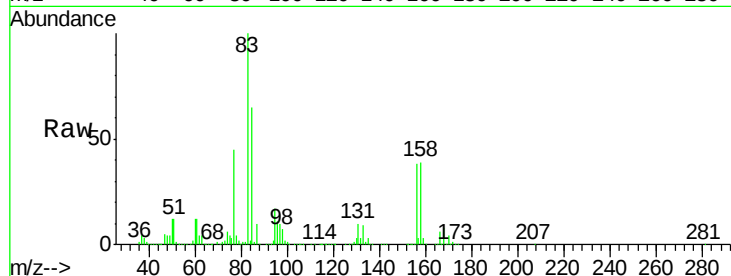
Tgt Ion: 83 Resp: 466883

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

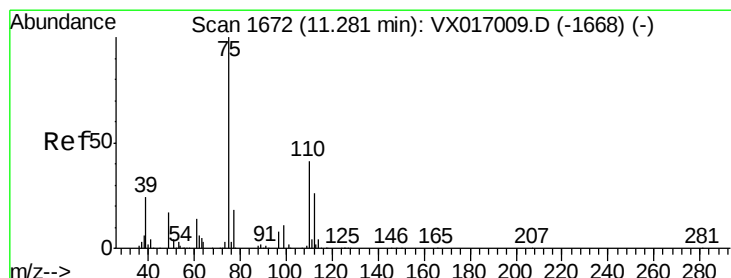
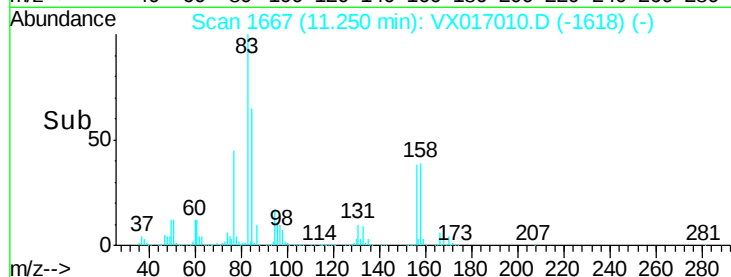
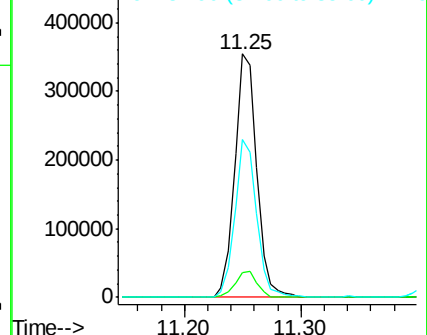
85 64.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 91.518 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017010.D

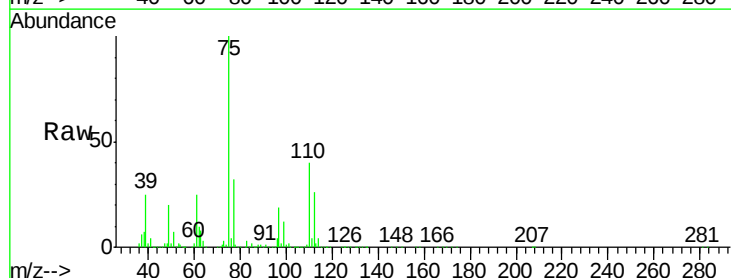
Acq: 29 Jun 2020 15:43

Tgt Ion: 75 Resp: 592626

Ion Ratio Lower Upper

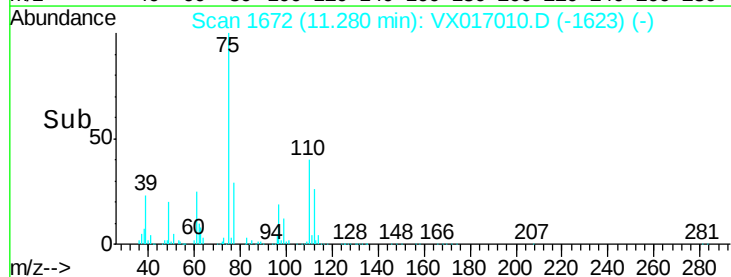
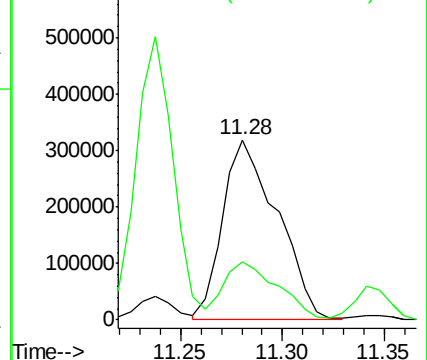
75 100

77 31.8 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: 87.504 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

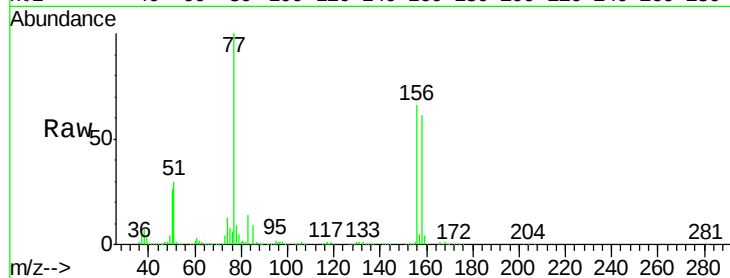
Tgt Ion:156 Resp: 414204

Ion Ratio Lower Upper

156 100

77 153.9 76.9 230.7

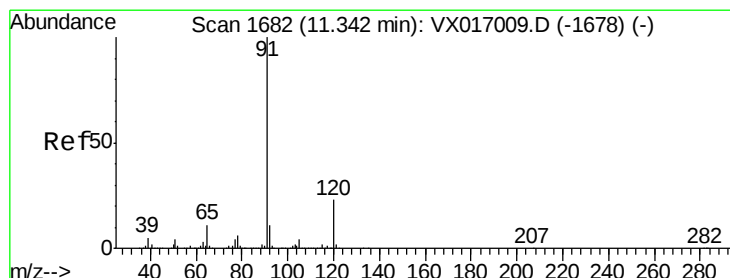
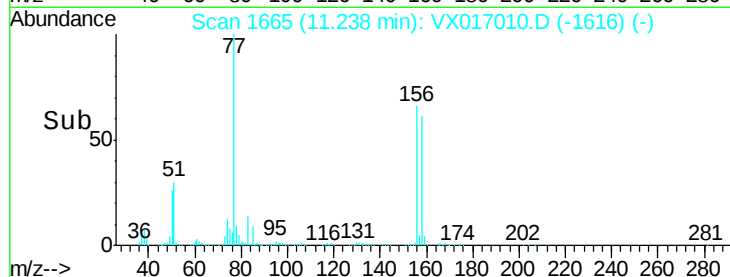
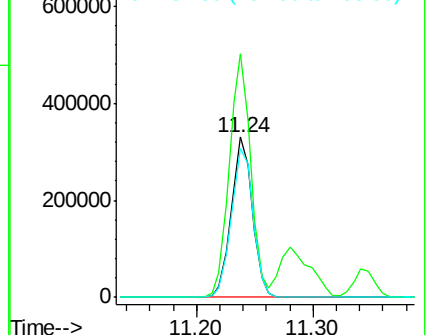
158 96.7 47.9 143.6



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: 93.533 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017010.D

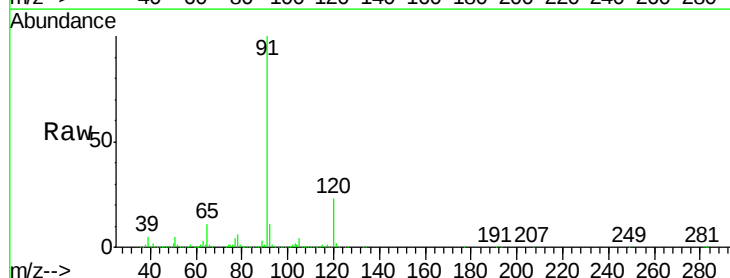
Acq: 29 Jun 2020 15:43

Tgt Ion: 91 Resp: 1821687

Ion Ratio Lower Upper

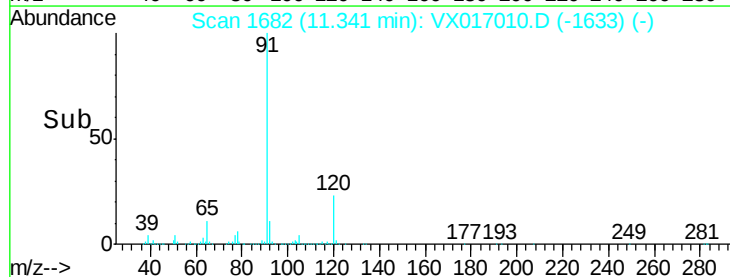
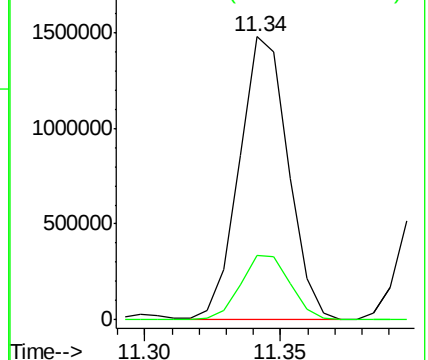
91 100

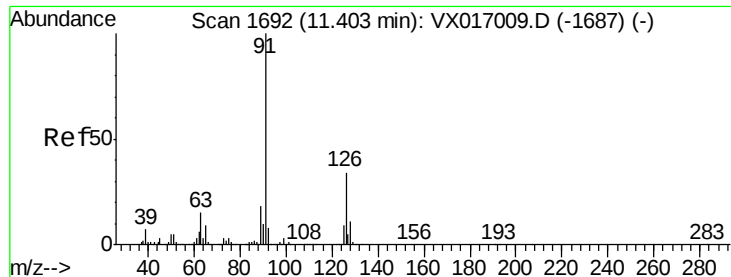
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 91.672 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

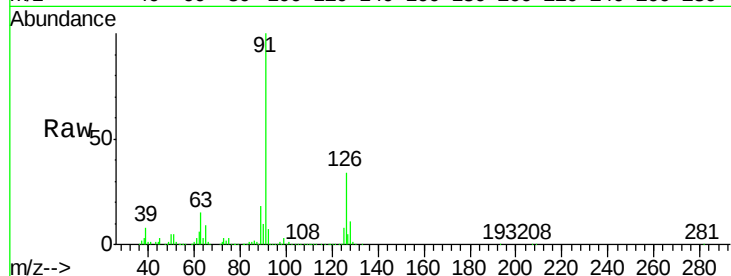
VSTDIC100

Tgt Ion: 91 Resp: 1080579

Ion Ratio Lower Upper

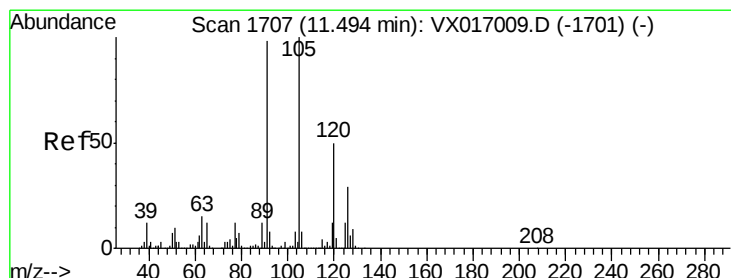
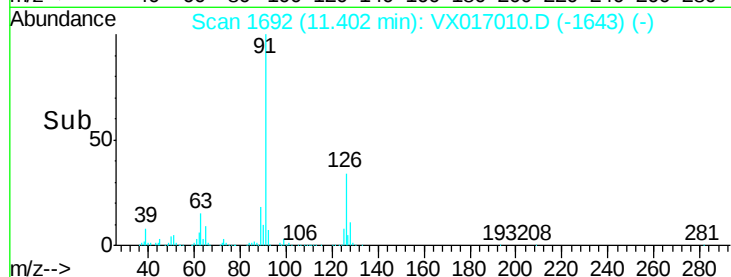
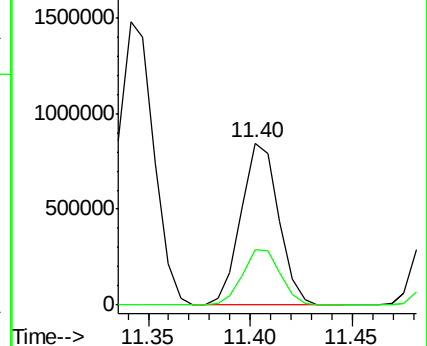
91 100

126 35.0 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 94.264 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017010.D

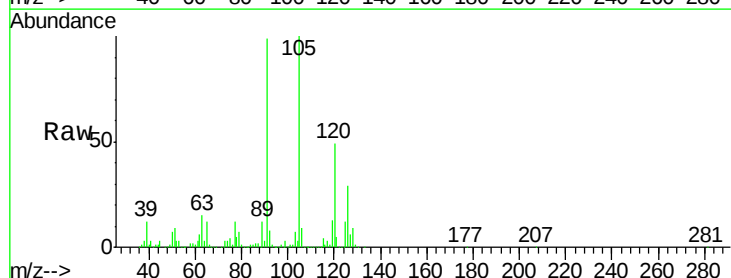
Acq: 29 Jun 2020 15:43

Tgt Ion: 105 Resp: 1346667

Ion Ratio Lower Upper

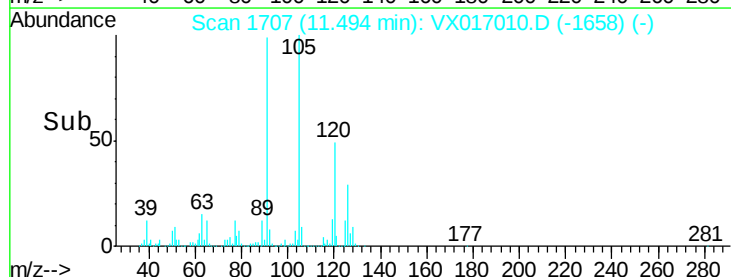
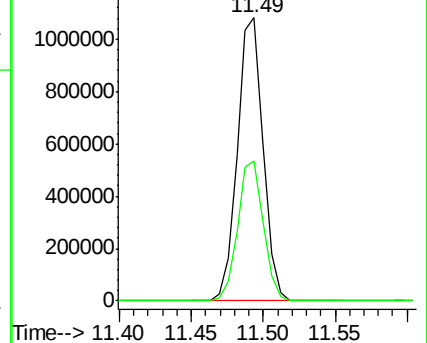
105 100

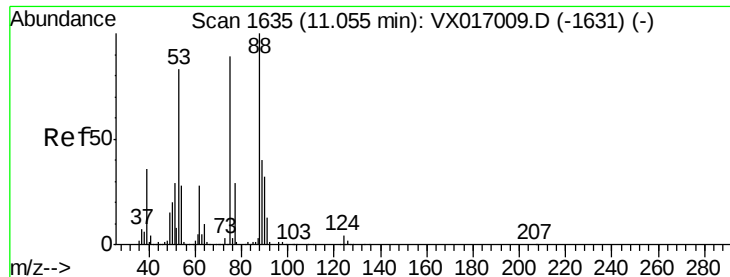
120 49.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 92.048 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

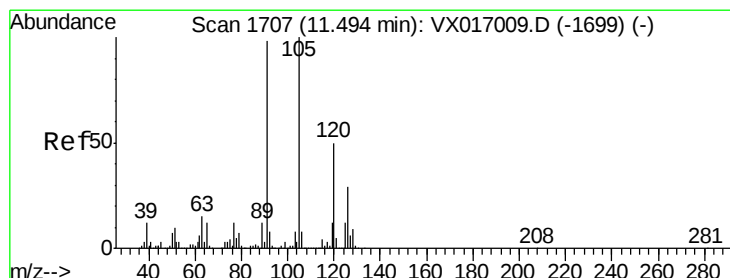
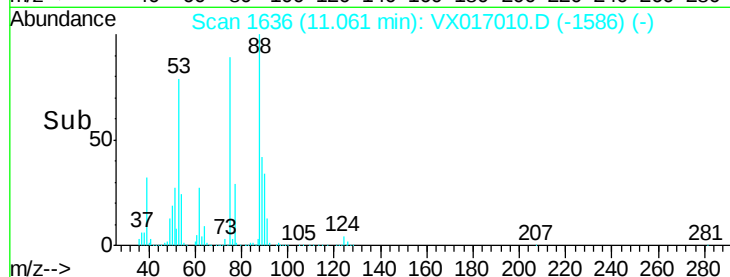
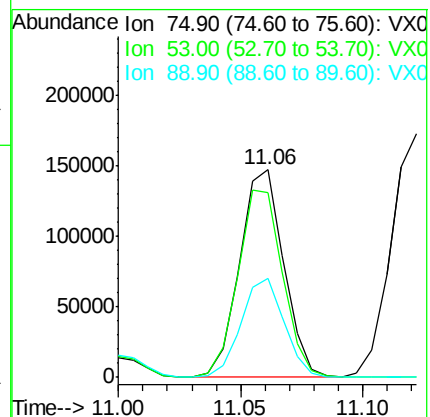
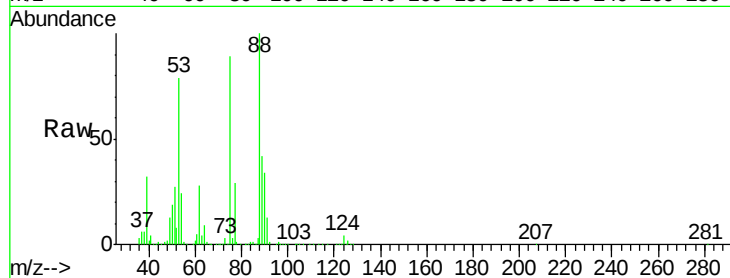
Tgt Ion: 75 Resp: 183789

Ion Ratio Lower Upper

75 100

53 92.0 72.4 108.6

89 47.1 37.0 55.4



#82

4-Chlorotoluene

Concen: 90.790 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017010.D

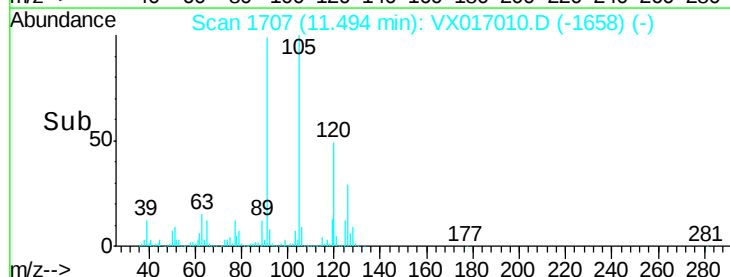
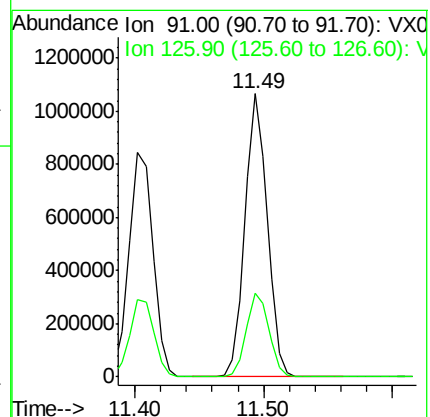
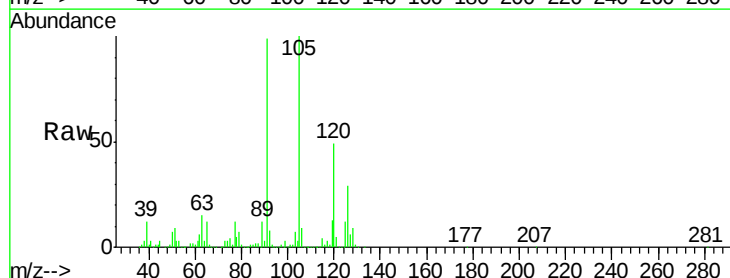
Acq: 29 Jun 2020 15:43

Tgt Ion: 91 Resp: 1279324

Ion Ratio Lower Upper

91 100

126 30.1 15.2 45.5

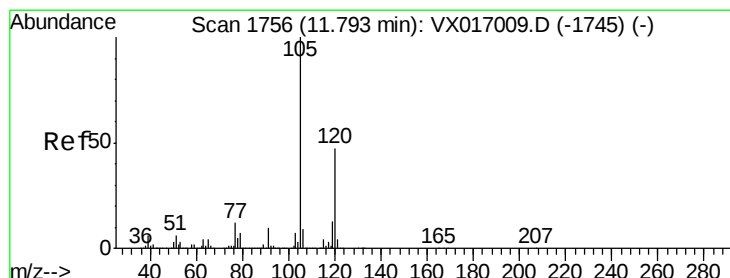
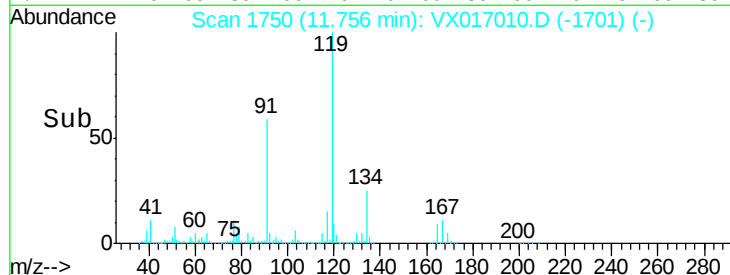
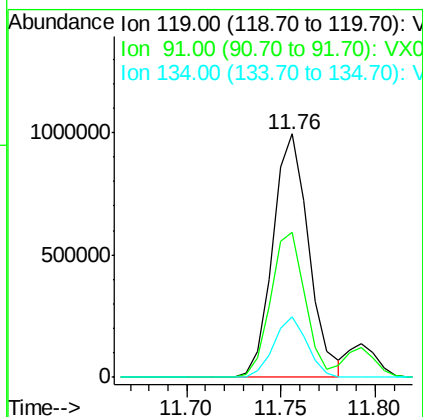
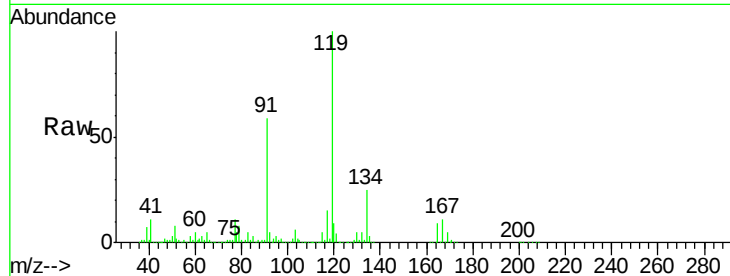




#83
 tert-Butylbenzene
 Concen: 93.443 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017010.D
 Acq: 29 Jun 2020 15:43

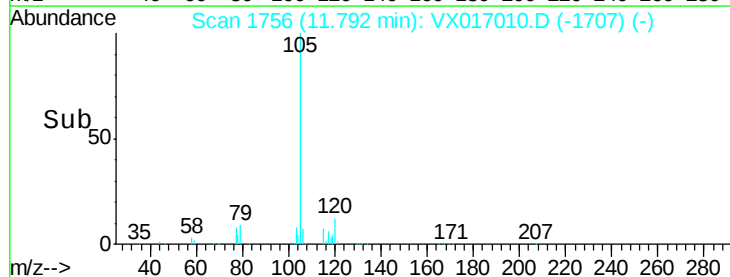
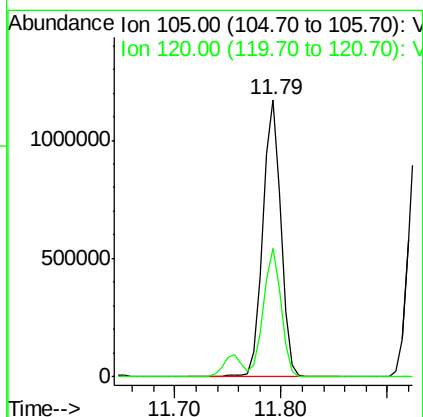
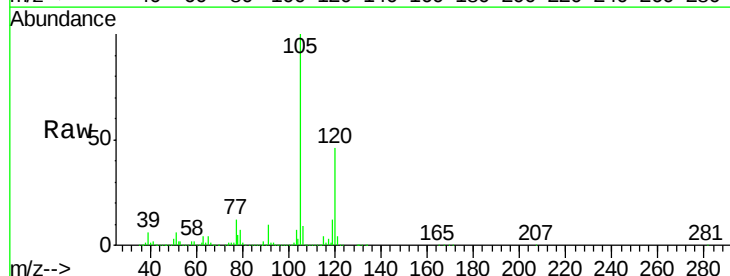
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

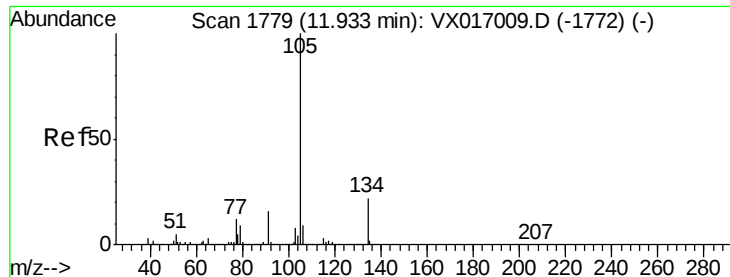
Tgt Ion:119 Resp: 1310444
 Ion Ratio Lower Upper
 119 100
 91 57.1 28.3 84.9
 134 23.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 96.126 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017010.D
 Acq: 29 Jun 2020 15:43

Tgt Ion:105 Resp: 1393190
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.9 68.5

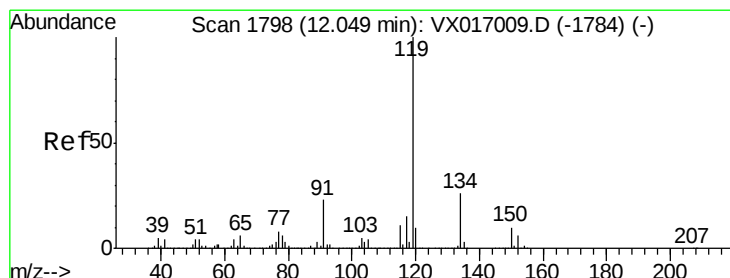
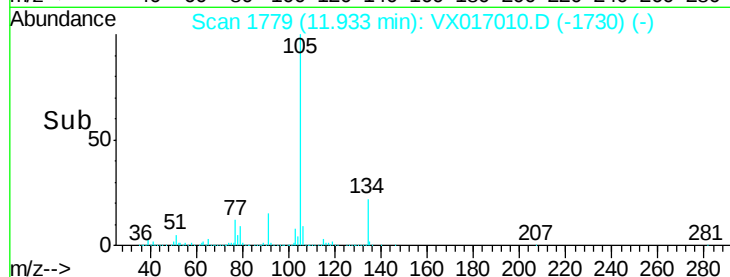
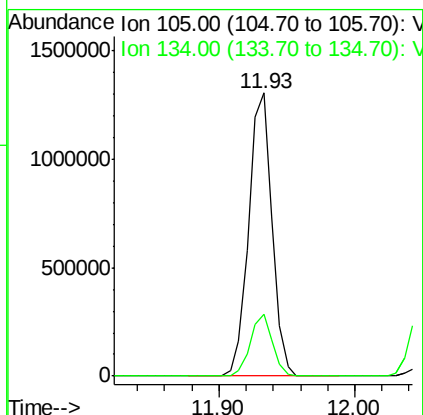
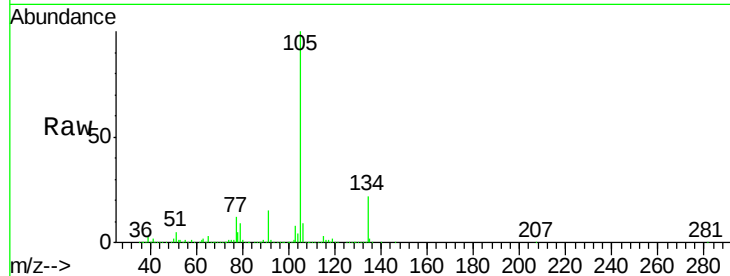




#85
 sec-Butylbenzene
 Concen: 95.030 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017010.D
 Acq: 29 Jun 2020 15:43

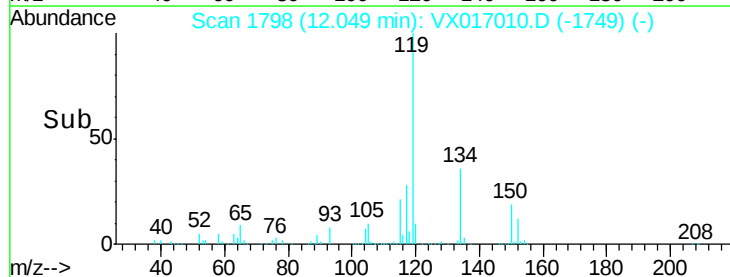
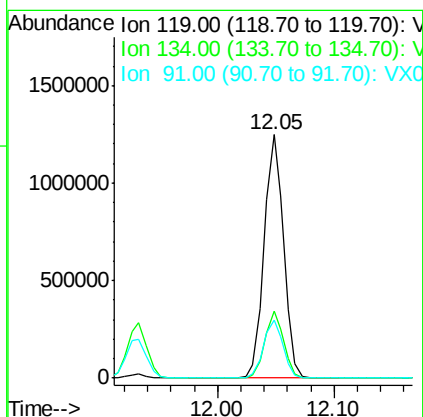
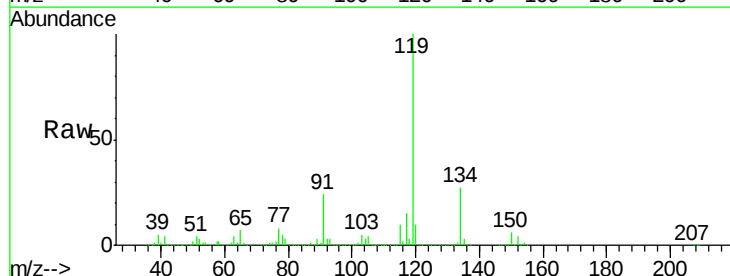
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

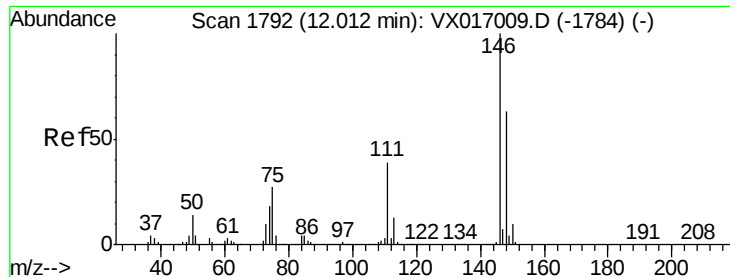
Tgt Ion:105 Resp: 1566555
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 94.792 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017010.D
 Acq: 29 Jun 2020 15:43

Tgt Ion:119 Resp: 1454687
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.5
 91 23.7 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 85.354 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

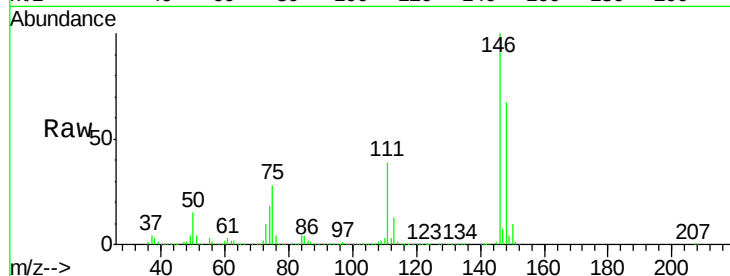
Tgt Ion:146 Resp: 733794

Ion Ratio Lower Upper

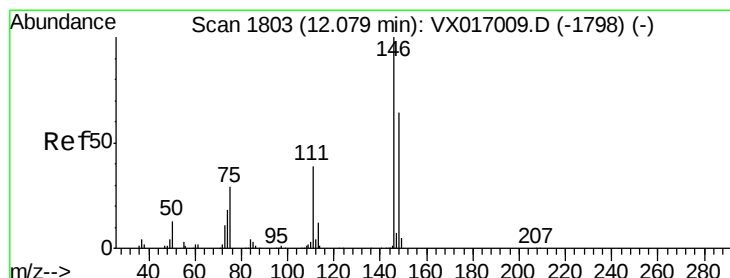
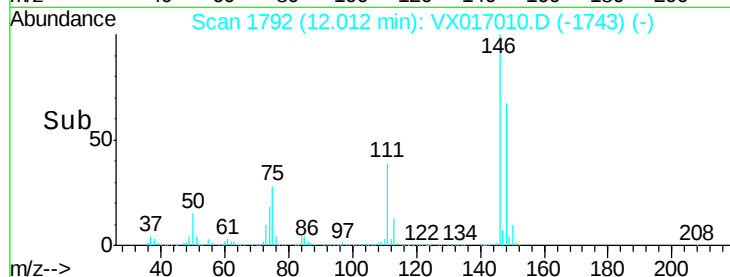
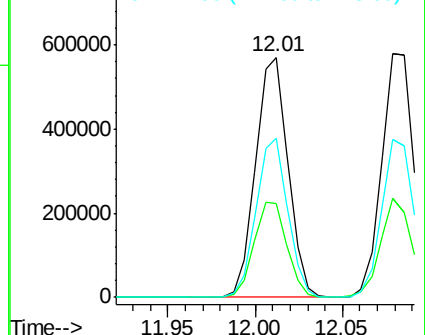
146 100

111 40.2 20.4 61.2

148 65.0 32.5 97.5



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



#88

1,4-Dichlorobenzene

Concen: 85.284 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

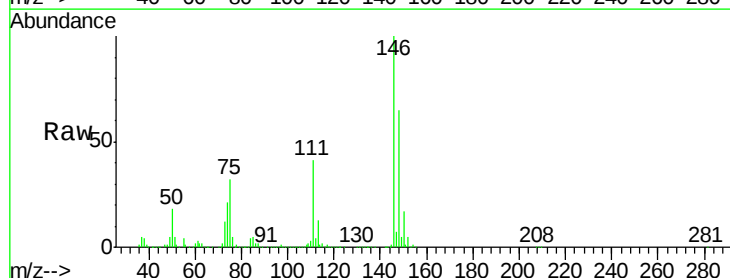
Tgt Ion:146 Resp: 737377

Ion Ratio Lower Upper

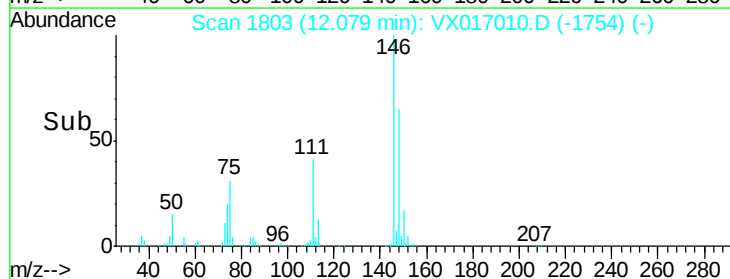
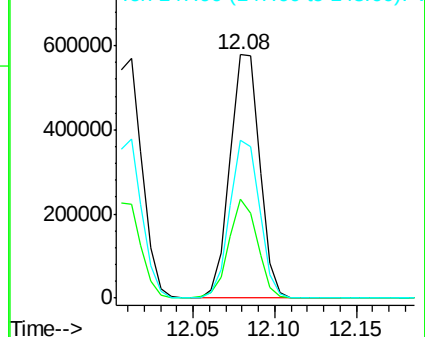
146 100

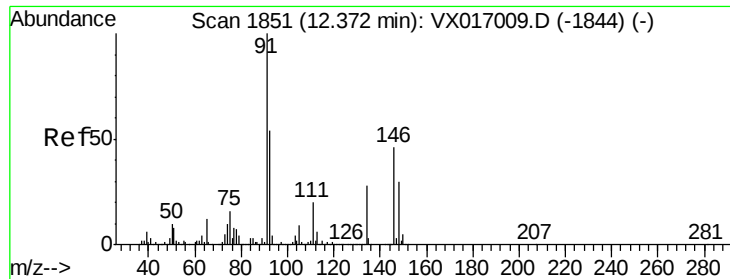
111 38.6 19.5 58.5

148 64.7 31.9 95.7



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





#89

n-Butylbenzene

Concen: 93.290 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

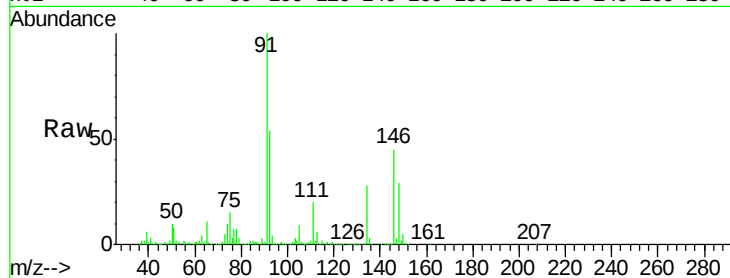
Tgt Ion: 91 Resp: 1278315

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.6

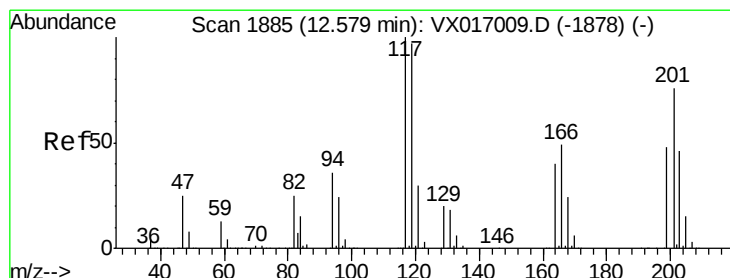
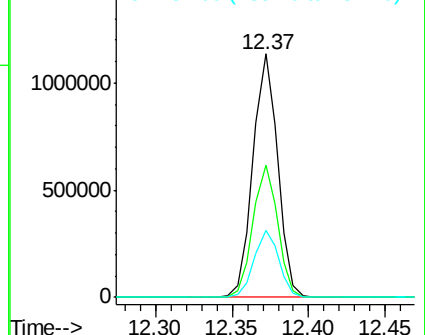
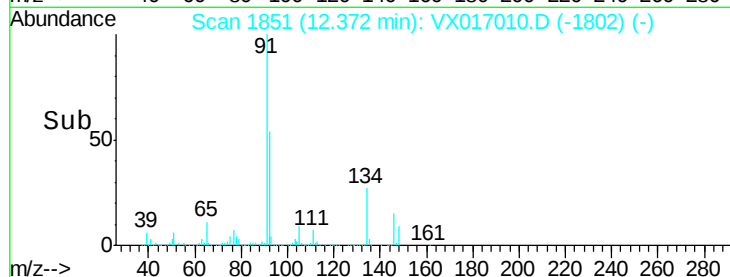
134 27.7 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX017010.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX017010.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX017010.D (-1802) (-)



#90

Hexachloroethane

Concen: 90.900 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017010.D

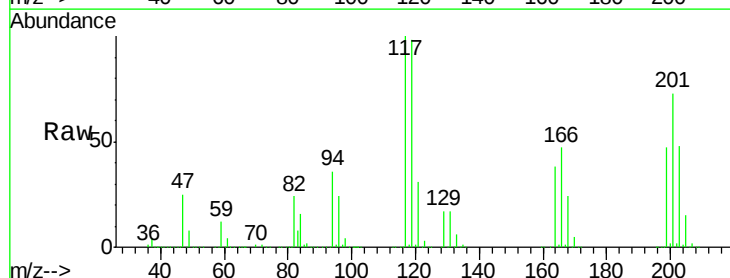
Acq: 29 Jun 2020 15:43

Tgt Ion: 117 Resp: 275090

Ion Ratio Lower Upper

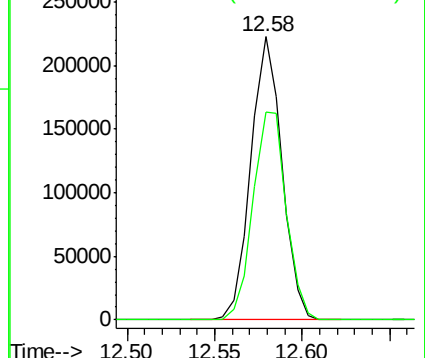
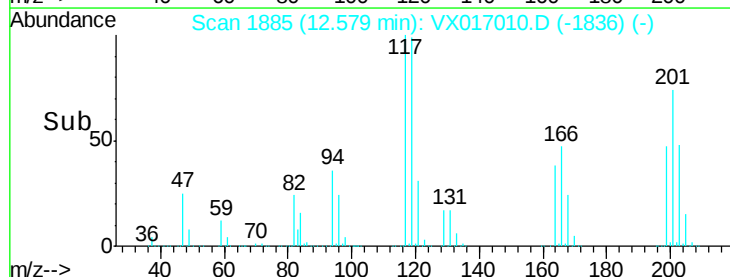
117 100

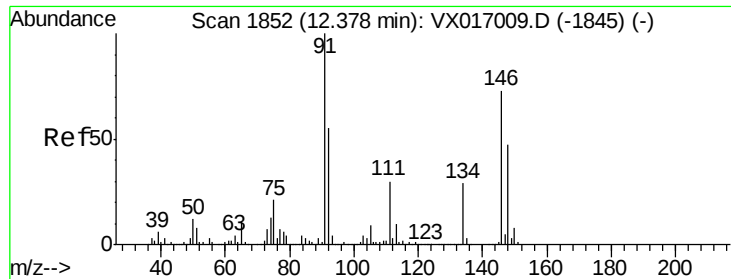
201 78.6 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): VX017010.D (-1836) (-)

Ion 200.70 (200.40 to 201.40): VX017010.D (-1836) (-)

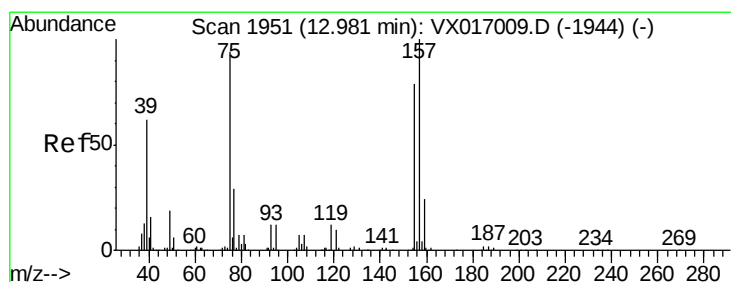
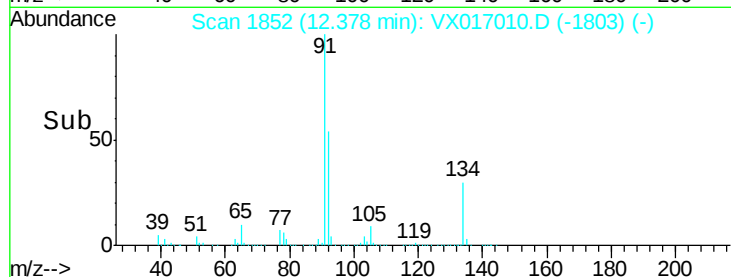
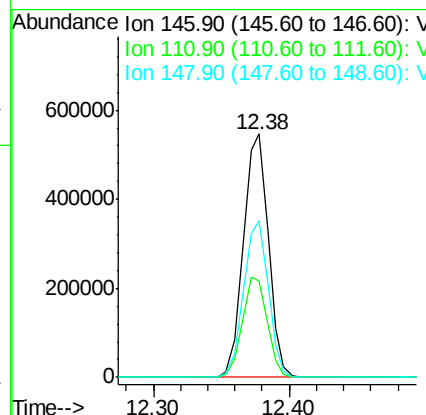
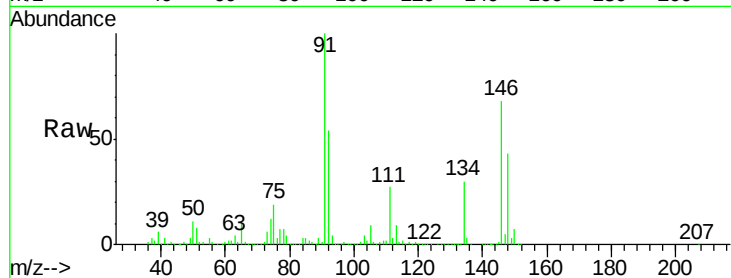




#91
1,2-Dichlorobenzene
Concen: 86.578 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX017010.D
Acq: 29 Jun 2020 15:43

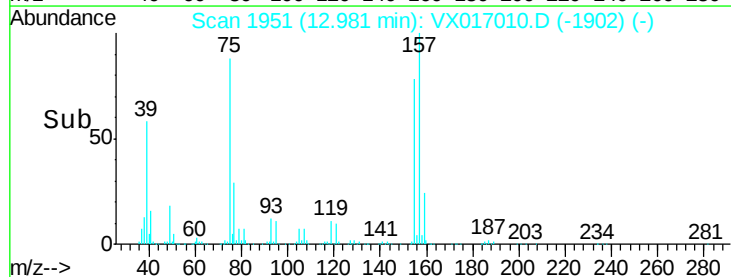
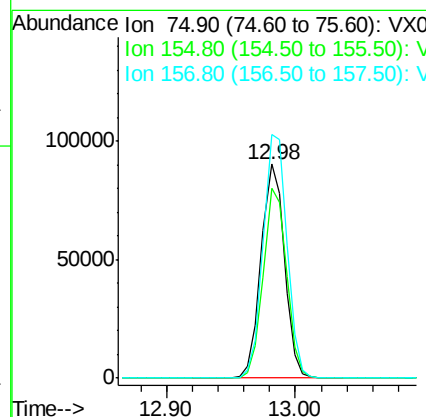
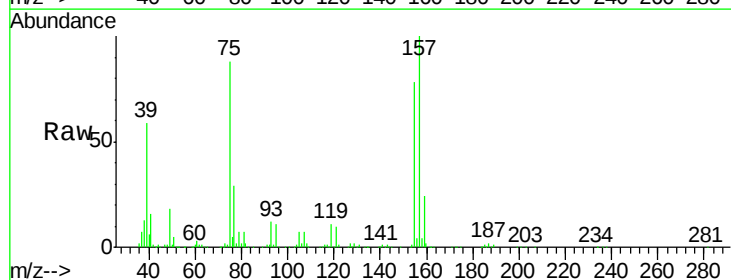
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

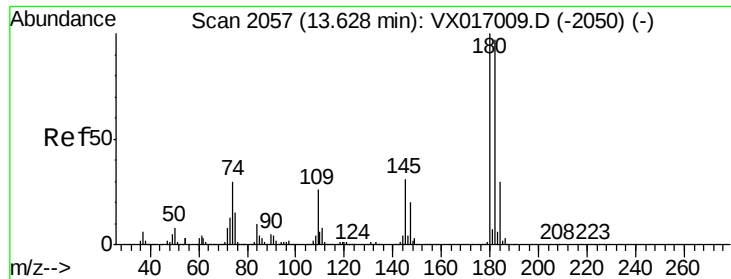
Tgt Ion:146 Resp: 695743
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.9
148 64.1 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 87.201 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX017010.D
Acq: 29 Jun 2020 15:43

Tgt Ion: 75 Resp: 112699
Ion Ratio Lower Upper
75 100
155 88.4 45.1 135.2
157 116.2 56.5 169.3

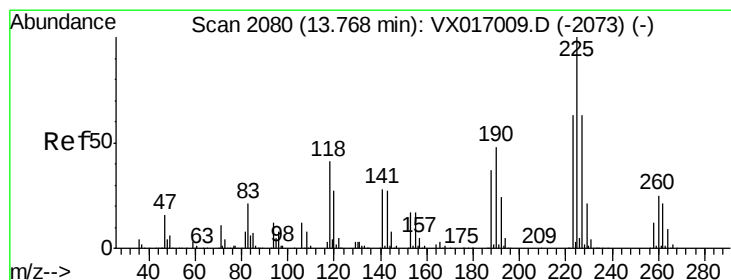
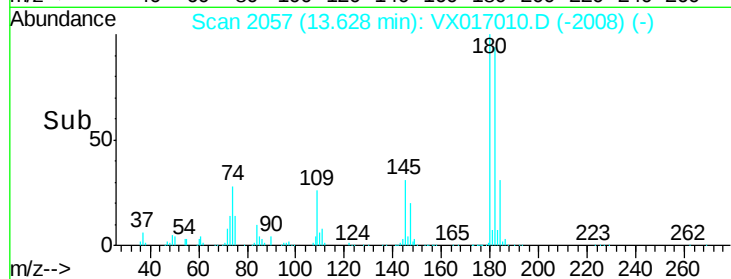
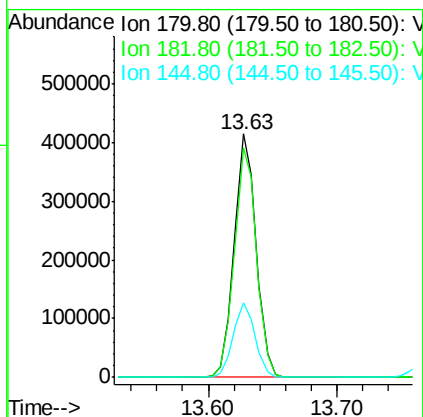
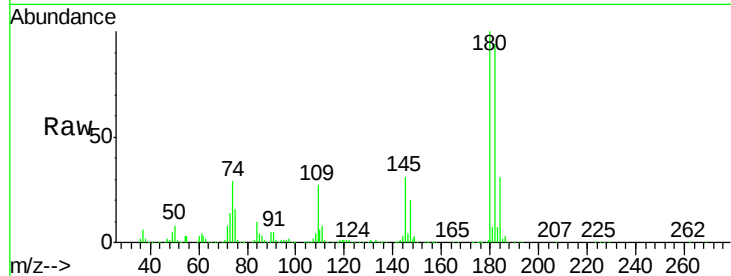




#93
 1,2,4-Trichlorobenzene
 Concen: 89.784 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017010.D
 Acq: 29 Jun 2020 15:43

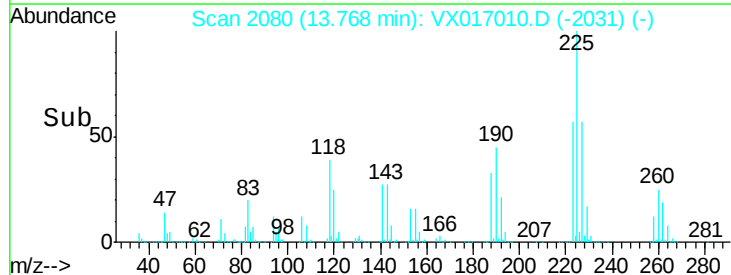
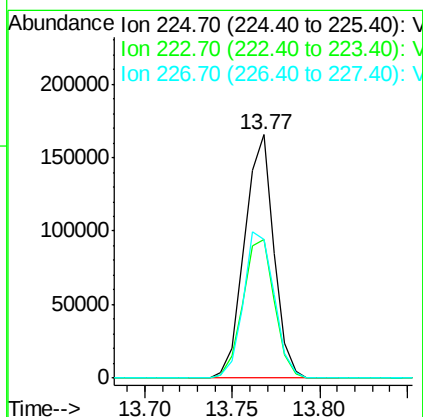
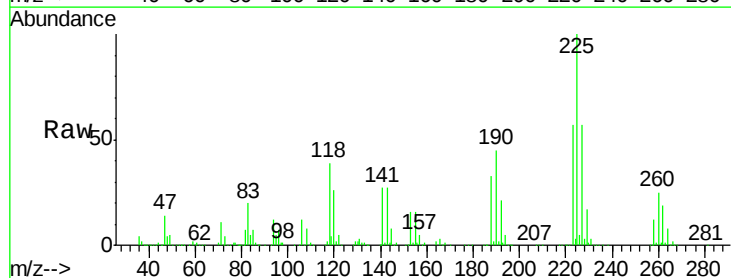
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

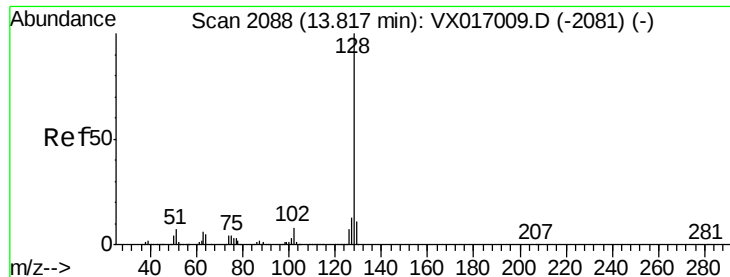
Tgt Ion:180 Resp: 492460
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.3 141.9
 145 30.8 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 86.636 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017010.D
 Acq: 29 Jun 2020 15:43

Tgt Ion:225 Resp: 192198
 Ion Ratio Lower Upper
 225 100
 223 61.6 32.5 97.5
 227 63.6 33.1 99.2





#95

Naphthalene

Concen: 96.282 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

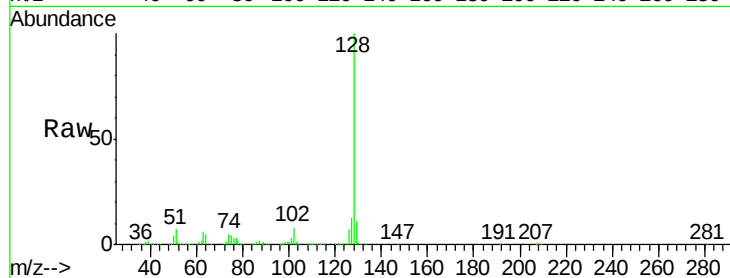
Tgt Ion:128 Resp: 1605517

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

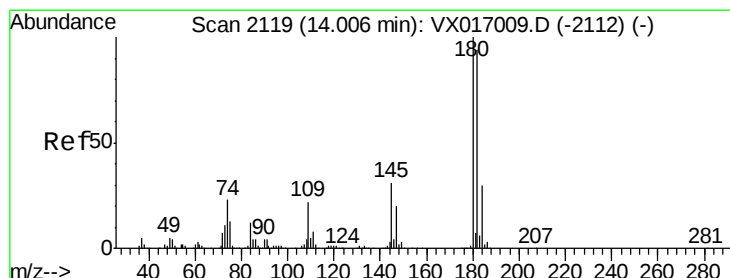
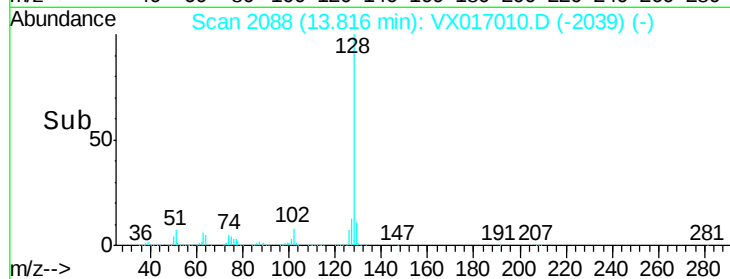
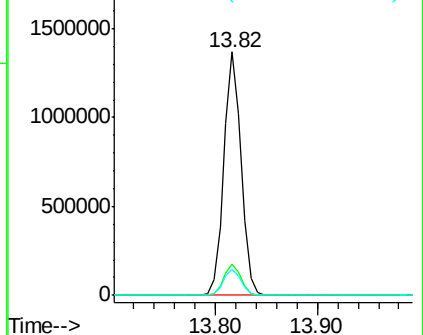
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 92.221 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017010.D

Acq: 29 Jun 2020 15:43

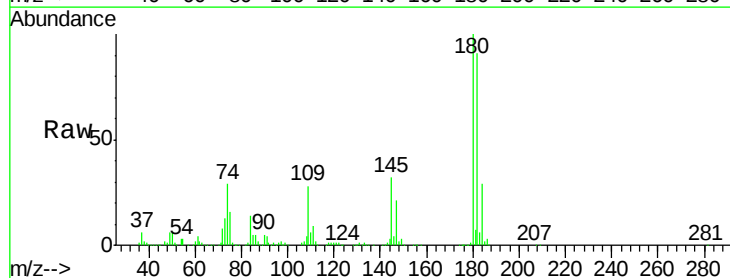
Tgt Ion:180 Resp: 489523

Ion Ratio Lower Upper

180 100

182 92.7 47.1 141.4

145 32.7 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

