

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082020\
 Data File : VX018027.D
 Acq On : 20 Aug 2020 12:16
 Operator : JC/SP
 Sample : VX0820WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

Quant Time: Aug 21 01:23:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	524911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	807271	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	771561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	396947	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	353282	45.91	ug/l	0.00
Spiked Amount			Recovery	=	91.82%	
35) Dibromofluoromethane	5.46	113	282244	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	
50) Toluene-d8	8.70	98	980234	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	
62) 4-Bromofluorobenzene	11.12	95	384216	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	136591	17.869	ug/l	96
3) Chloromethane	1.31	50	122015	16.997	ug/l	99
4) Vinyl Chloride	1.39	62	120366	17.723	ug/l	99
5) Bromomethane	1.63	94	78216	19.470	ug/l	95
6) Chloroethane	1.72	64	70147	17.819	ug/l	94
7) Trichlorofluoromethane	1.92	101	178984	16.283	ug/l	97
8) Diethyl Ether	2.17	74	55791	17.415	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	87578	16.940	ug/l	97
10) Methyl Iodide	2.49	142	83364	12.505	ug/l	99
11) Tert butyl alcohol	3.01	59	119805	80.641	ug/l	98
12) 1,1-Dichloroethene	2.36	96	79795	16.865	ug/l	98
13) Acrolein	2.27	56	76684	97.712	ug/l	98
14) Allyl chloride	2.71	41	153539	18.195	ug/l	98
15) Acrylonitrile	3.11	53	293631	90.500	ug/l	100
16) Acetone	2.42	43	260065	85.909	ug/l	99
17) Carbon Disulfide	2.55	76	195972	17.071	ug/l	97
18) Methyl Acetate	2.75	43	143604	18.852	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	342685	18.944	ug/l	100
20) Methylene Chloride	2.84	84	100871	18.086	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	84652	17.404	ug/l	90
22) Diisopropyl ether	3.82	45	342923	19.386	ug/l	98
23) Vinyl Acetate	3.78	43	1249504	92.433	ug/l	99
24) 1,1-Dichloroethane	3.67	63	177620	18.113	ug/l	99
25) 2-Butanone	4.64	43	405502	88.480	ug/l	98
26) 2,2-Dichloropropane	4.55	77	150355	16.838	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	104936	18.289	ug/l	100
28) Bromochloromethane	4.98	49	93668	18.484	ug/l	# 8
29) Tetrahydrofuran	5.09	42	260258	91.437	ug/l	98
30) Chloroform	5.17	83	189449	17.675	ug/l	99
31) Cyclohexane	5.55	56	148933	18.730	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	162967	16.761	ug/l	99
36) 1,1-Dichloropropene	5.77	75	122414	18.117	ug/l	98
37) Ethyl Acetate	4.79	43	145550	18.004	ug/l	99
38) Carbon Tetrachloride	5.75	117	146541	16.757	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	137384	16.430	ug/l	94
40) Benzene	6.11	78	364352	17.903	ug/l	99
41) Methacrylonitrile	5.00	41	84420	18.219	ug/l	98
42) 1,2-Dichloroethane	6.16	62	154817	17.909	ug/l	99
43) Isopropyl Acetate	6.42	43	237310	18.184	ug/l	99
44) Trichloroethene	7.19	130	104900	17.381	ug/l	91
45) 1,2-Dichloropropane	7.49	63	105083	18.021	ug/l	94
46) Dibromomethane	7.63	93	73057	17.952	ug/l	98
47) Bromodichloromethane	7.88	83	158341	17.923	ug/l	97
48) Methyl methacrylate	7.74	41	117537	18.167	ug/l	97
49) 1,4-Dioxane	7.71	88	41288	311.717	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	805379	91.656	ug/l	99
52) Toluene	8.76	92	236823	17.787	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	165348	17.696	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	175046	17.967	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	110080	17.996	ug/l	97
56) Ethyl methacrylate	9.16	69	162310	18.768	ug/l	98
57) 1,3-Dichloropropane	9.35	76	177767	18.299	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	363317	86.751	ug/l	98
59) 2-Hexanone	9.47	43	602460	90.484	ug/l	99
60) Dibromochloromethane	9.56	129	128307	16.795	ug/l	100
61) 1,2-Dibromoethane	9.65	107	115023	16.977	ug/l	97
64) Tetrachloroethene	9.32	164	103584	17.580	ug/l	94
65) Chlorobenzene	10.12	112	278107	18.159	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	114173	17.623	ug/l	99
67) Ethyl Benzene	10.24	91	465297	18.429	ug/l	98
68) m/p-Xylenes	10.34	106	347819	35.784	ug/l	99
69) o-Xylene	10.68	106	170304	18.169	ug/l	98
70) Styrene	10.70	104	304520	18.831	ug/l	98
71) Bromoform	10.84	173	98400	16.922	ug/l #	99
73) Isopropylbenzene	11.00	105	471109	18.439	ug/l	100
74) N-amyl acetate	10.88	43	217463	19.136	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	167484	18.791	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	203527	24.110	ug/l	82
77) Bromobenzene	11.24	156	133102	18.777	ug/l	97
78) n-propylbenzene	11.34	91	528334	17.680	ug/l	99
79) 2-Chlorotoluene	11.40	91	332276	18.245	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	405420	18.077	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	59182	18.418	ug/l	100
82) 4-Chlorotoluene	11.49	91	395822	18.482	ug/l	100
83) tert-Butylbenzene	11.76	119	383564	18.110	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	407970	17.571	ug/l	98
85) sec-Butylbenzene	11.93	105	432915	16.933	ug/l	100
86) p-Isopropyltoluene	12.05	119	404427	17.005	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	233024	18.061	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	241118	19.076	ug/l	99
89) n-Butylbenzene	12.37	91	361496	18.365	ug/l	98
90) Hexachloroethane	12.58	117	76781	16.233	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	234798	19.714	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	41896	18.453	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 2020
Response via : Initial Calibration

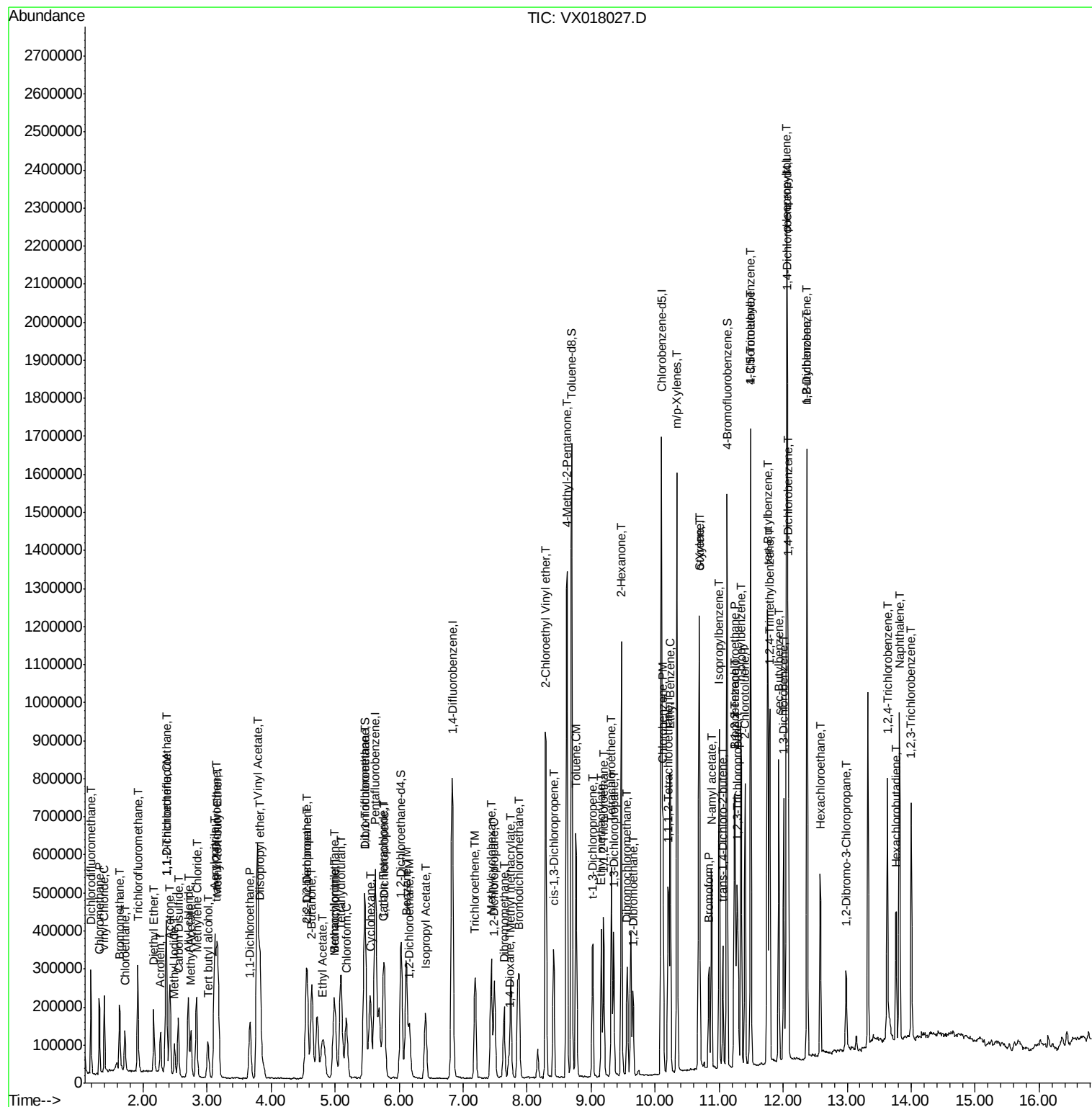
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	155309	19.822	ug/l	96
94) Hexachlorobutadiene	13.77	225	50908	15.225	ug/l	97
95) Naphthalene	13.82	128	511729	20.691	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	149442	18.757	ug/l	97

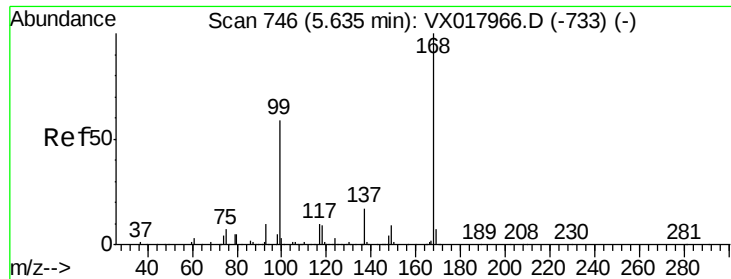
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Instrument :
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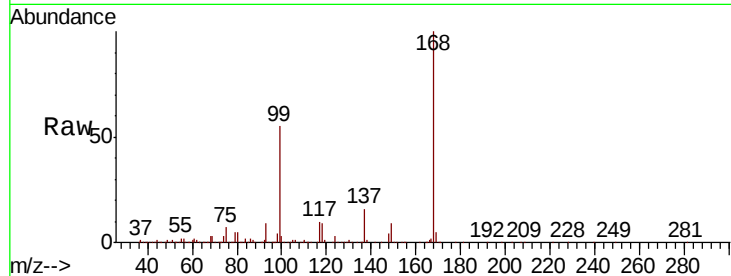


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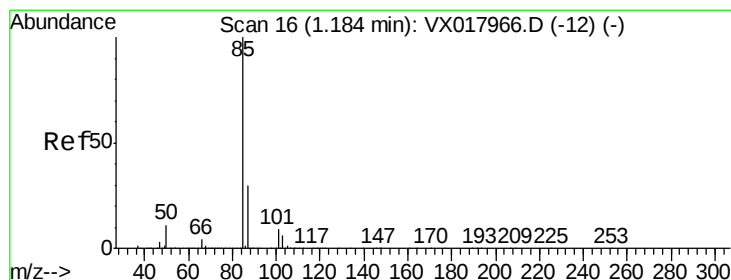
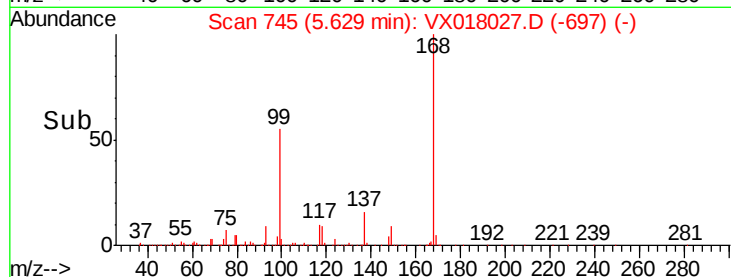
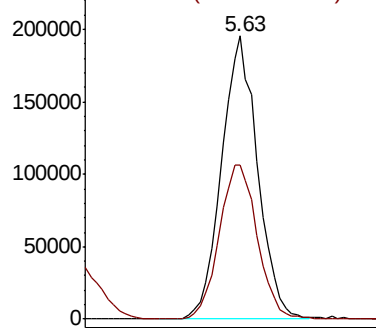
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX018027.D
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 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

Tot Ion:168 Resp: 524911
 Ion Ratio Lower Upper
 168 100
 99 54.5 47.4 71.2



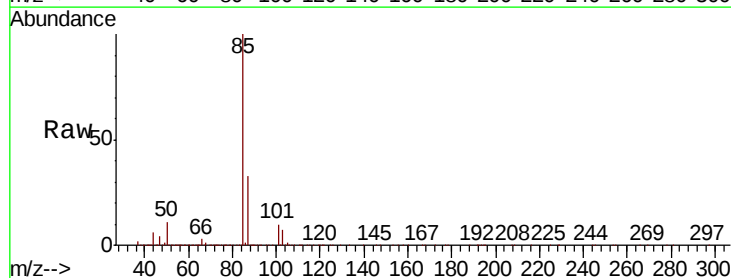
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



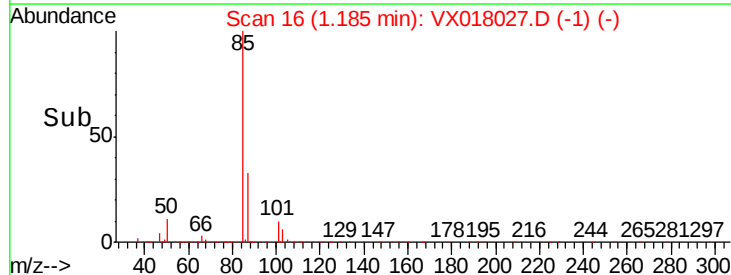
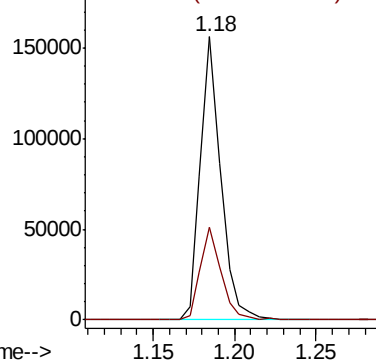
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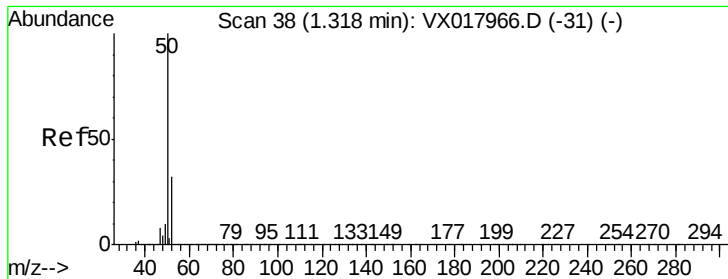
Dichlorodifluoromethane
 Concen: 17.869 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Tgt Ion: 85 Resp: 136591
 Ion Ratio Lower Upper
 85 100
 87 32.7 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0

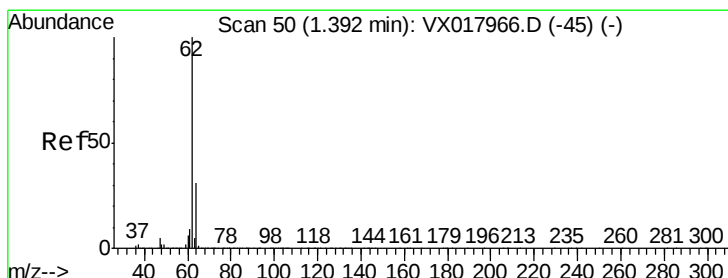
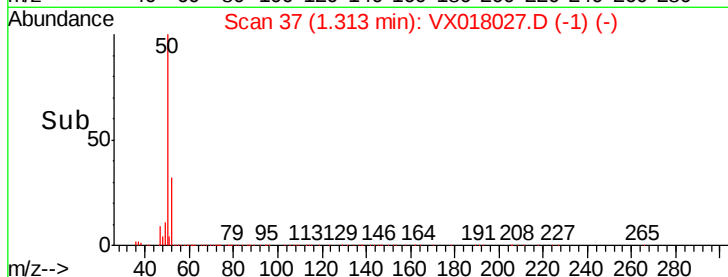
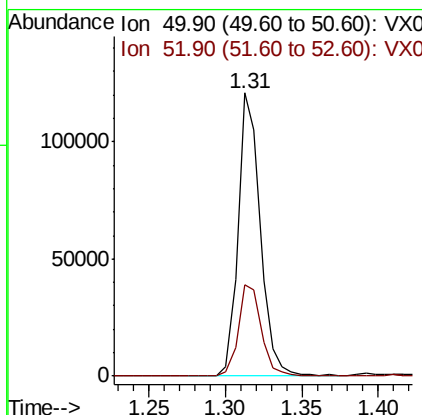
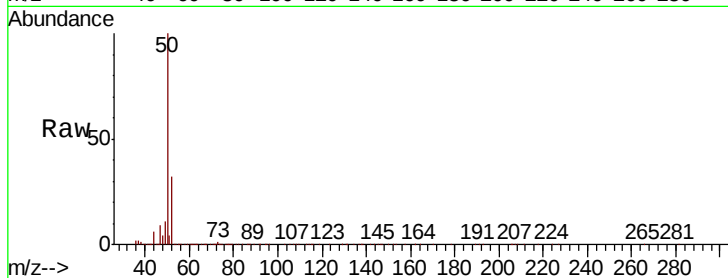




#3
Chloromethane
Concen: 16.997 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

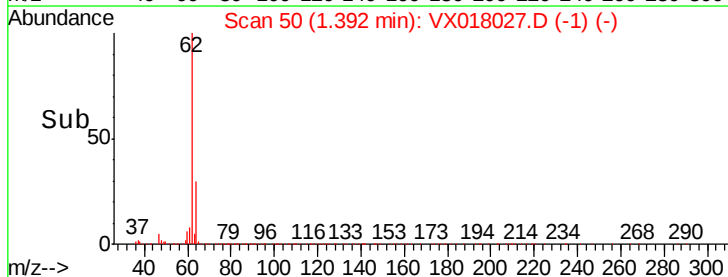
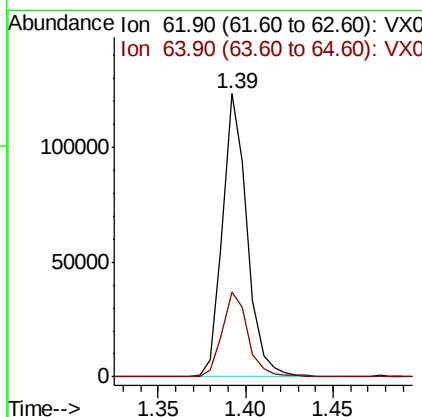
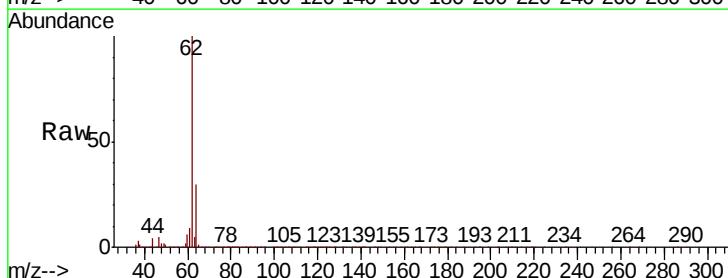
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

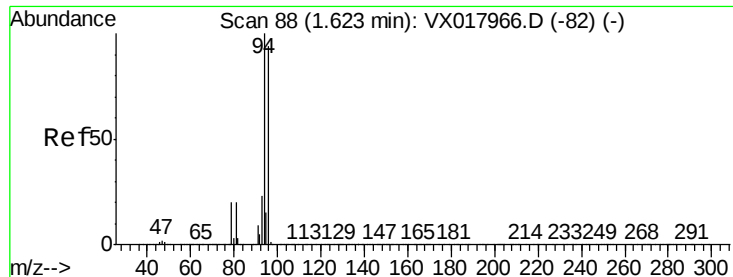
Tot Ion: 50 Resp: 122015
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.0



#4
Vinyl Chloride
Concen: 17.723 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion: 62 Resp: 120366
Ion Ratio Lower Upper
62 100
64 30.2 24.7 37.1





#5

Bromomethane

Concen: 19.470 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

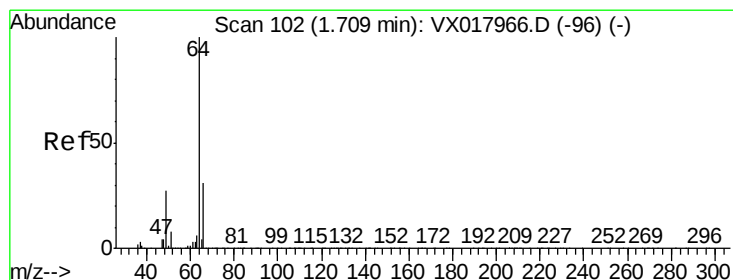
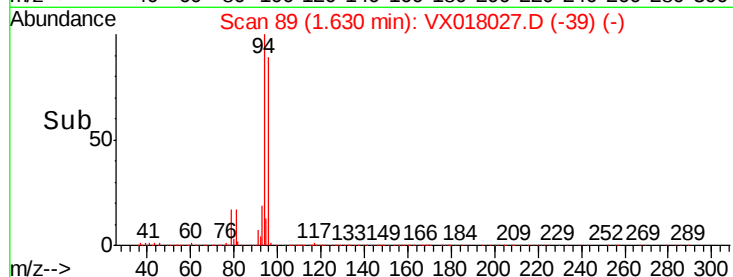
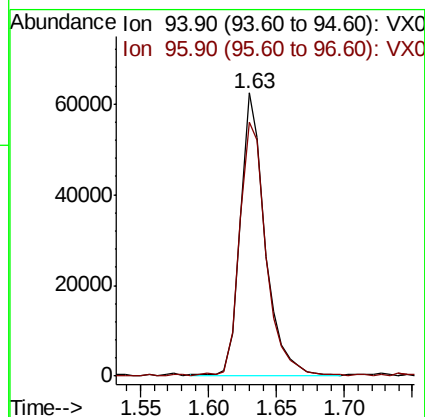
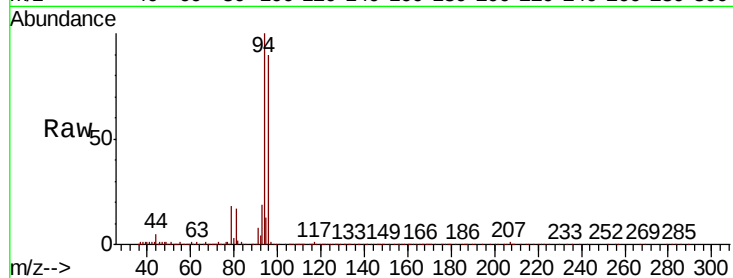
VX0820WBSD01

Tot Ion: 94 Resp: 78216

Ion Ratio Lower Upper

94 100

96 89.7 75.5 113.3



#6

Chloroethane

Concen: 17.819 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018027.D

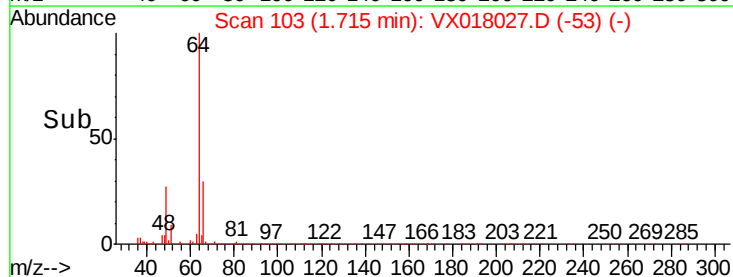
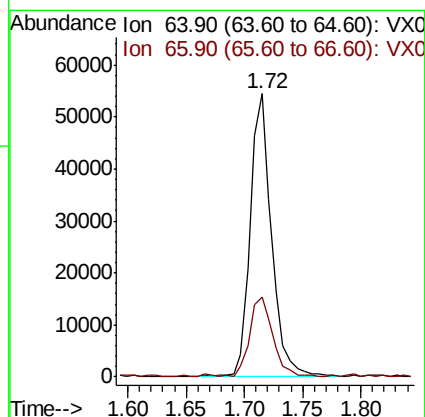
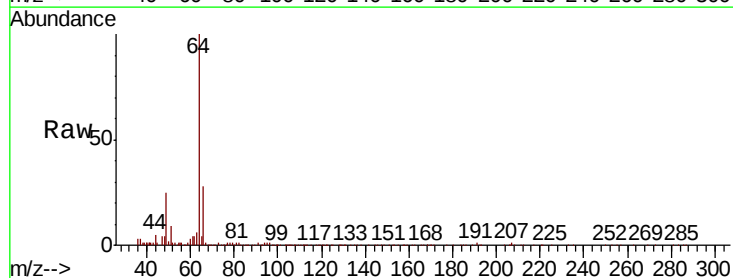
Acq: 20 Aug 2020 12:16

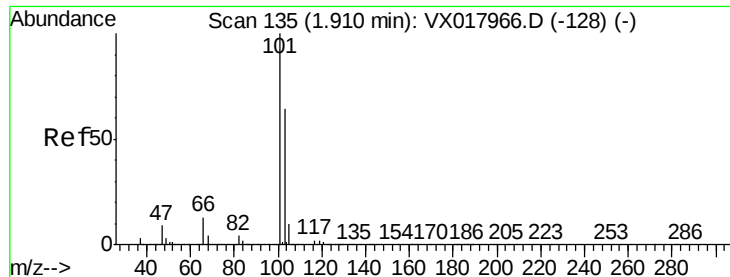
Tgt Ion: 64 Resp: 70147

Ion Ratio Lower Upper

64 100

66 28.0 25.0 37.4



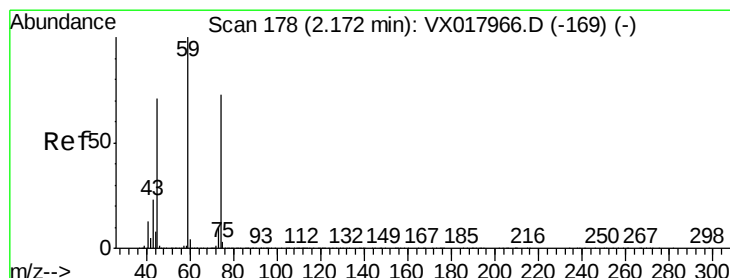
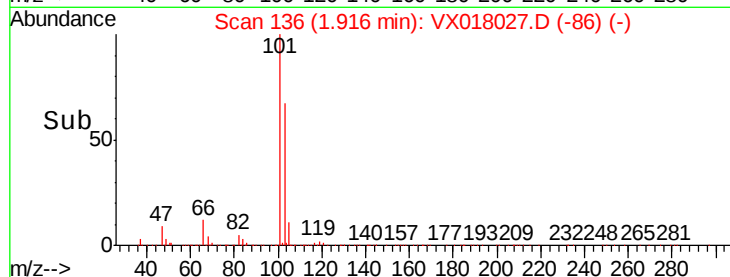
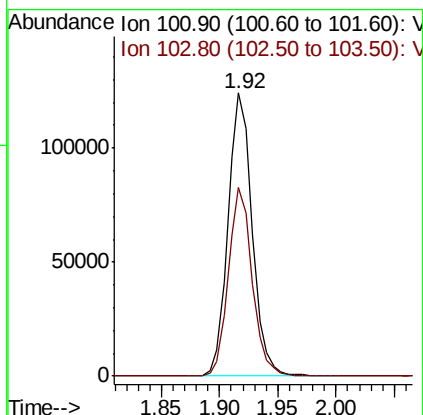
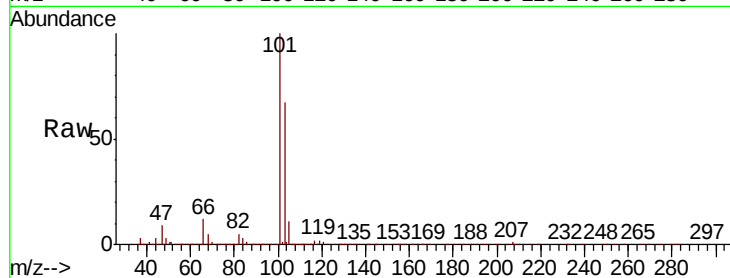


#7

Trichlorofluoromethane
 Concen: 16.283 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Instrument :
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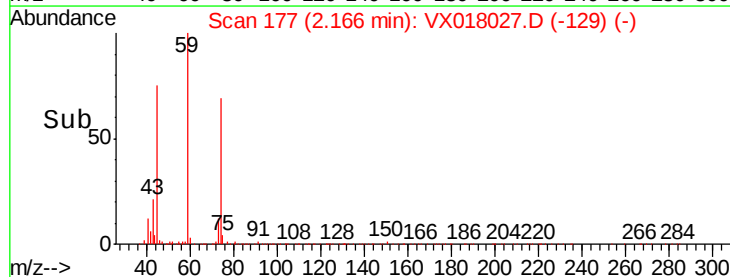
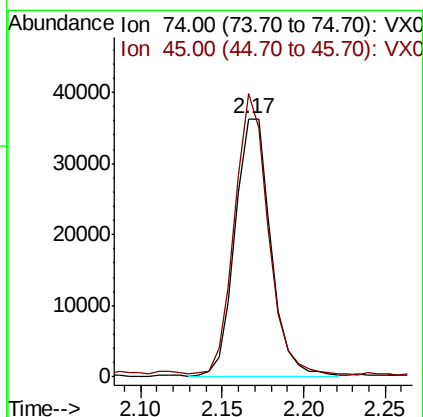
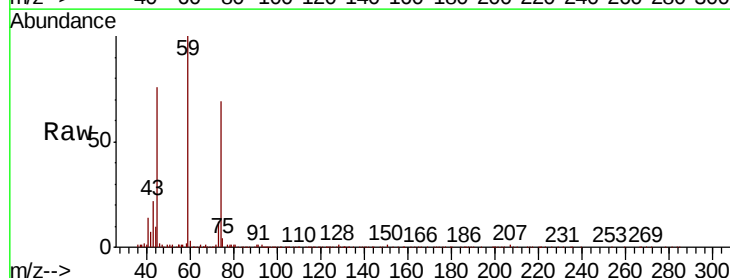
Tot Ion:101 Resp: 178984
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.2 76.8

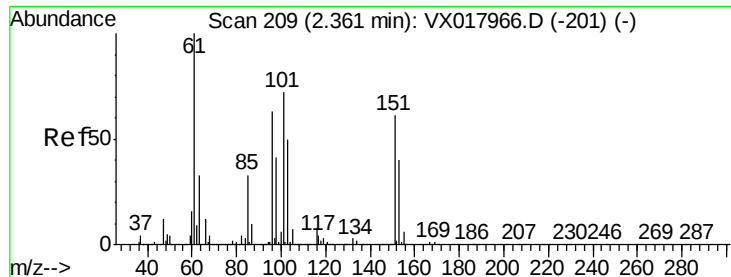


#8

Diethyl Ether
 Concen: 17.415 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Tgt Ion: 74 Resp: 55791
 Ion Ratio Lower Upper
 74 100
 45 102.5 50.5 151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.940 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

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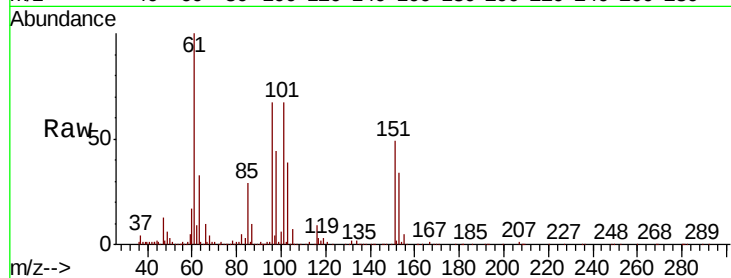
Tot Ion:101 Resp: 87578

Ion Ratio Lower Upper

101 100

85 42.8 35.4 53.2

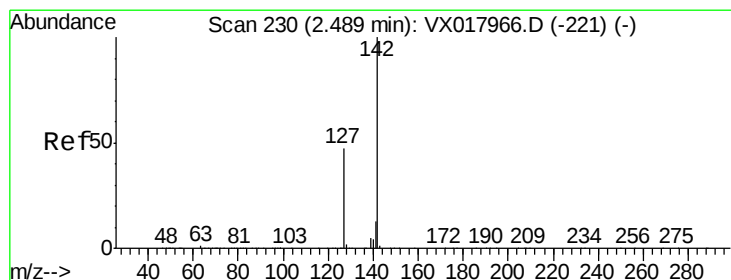
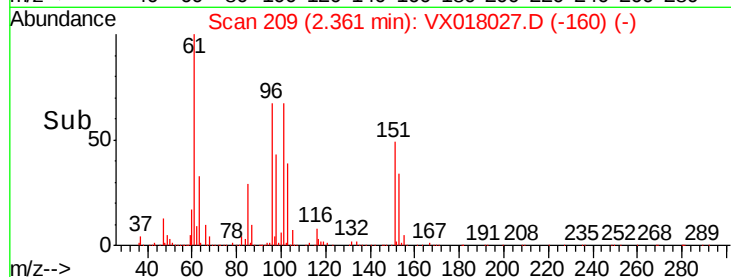
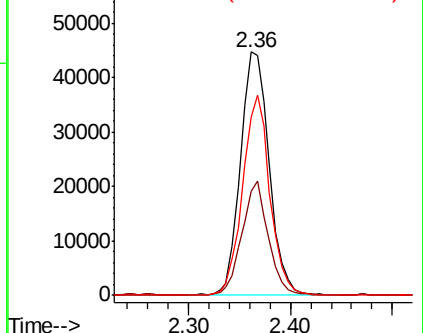
151 78.4 65.4 98.0



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: 12.505 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

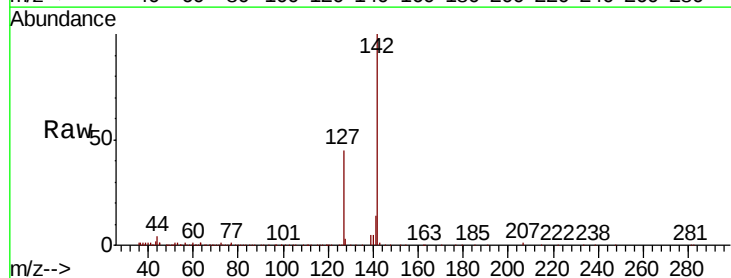
Tgt Ion:142 Resp: 83364

Ion Ratio Lower Upper

142 100

127 47.1 38.0 57.0

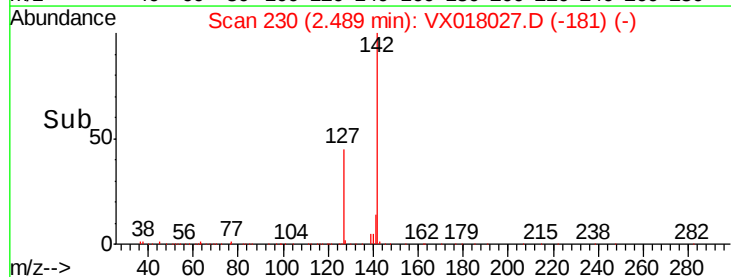
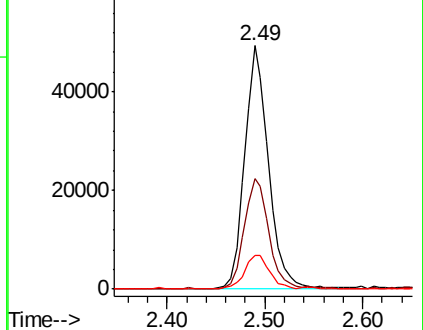
141 14.7 11.2 16.8

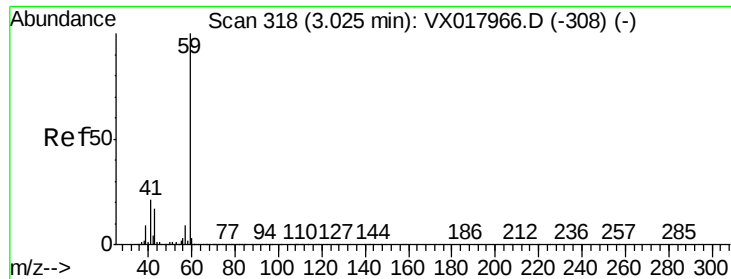


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

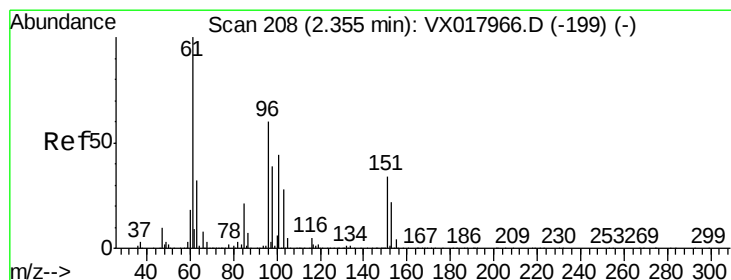
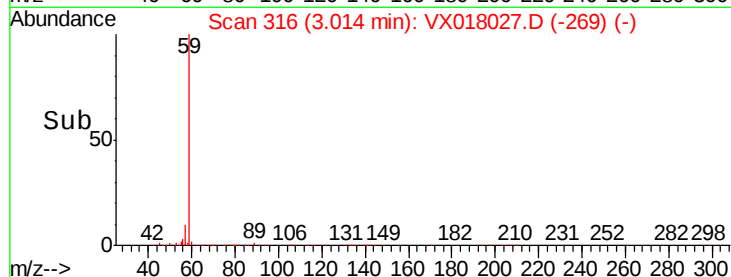
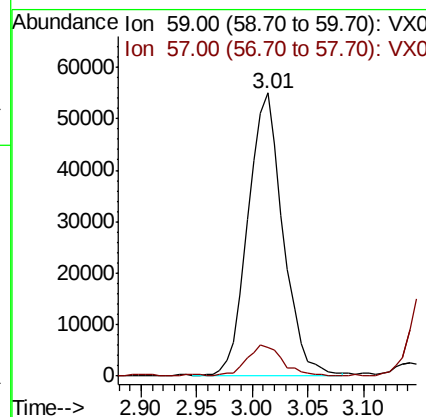
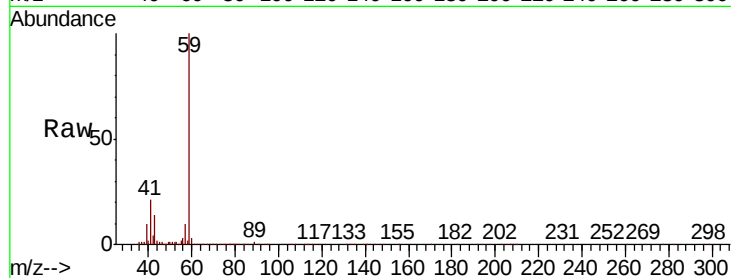




#11
Tert butyl alcohol
Concen: 80.641 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

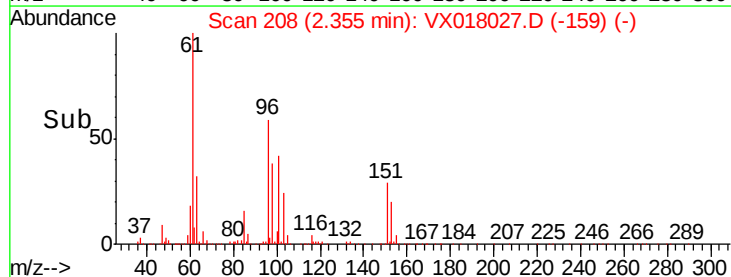
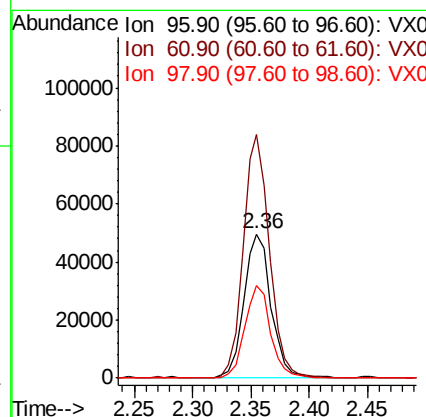
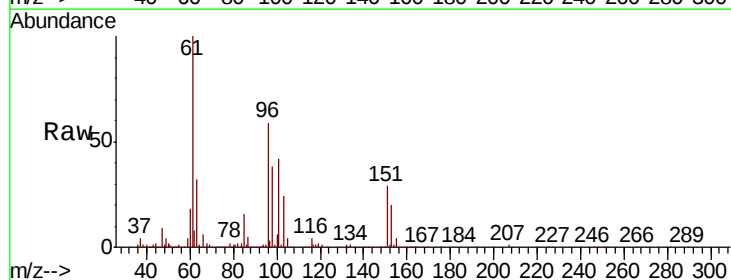
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

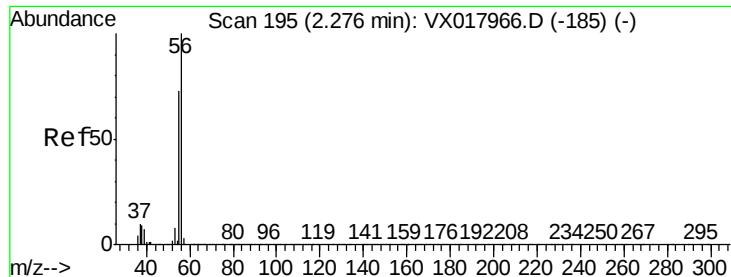
Tot Ion: 59 Resp: 119805
Ion Ratio Lower Upper
59 100
57 11.5 8.6 13.0



#12
1,1-Dichloroethene
Concen: 16.865 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion: 96 Resp: 79795
Ion Ratio Lower Upper
96 100
61 169.6 132.9 199.3
98 65.0 51.6 77.4

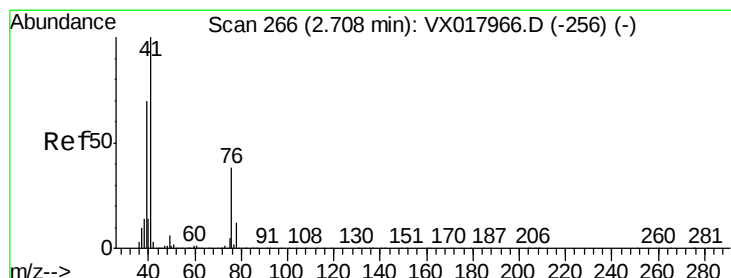
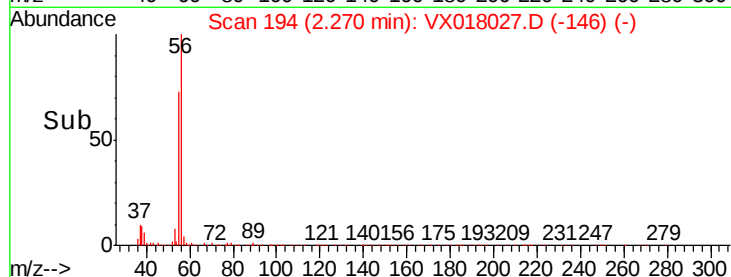
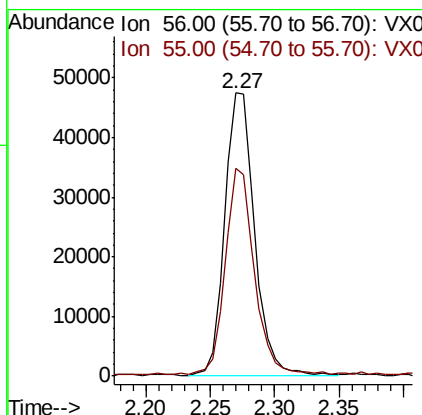
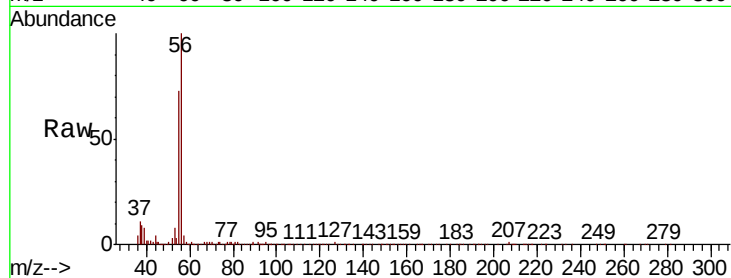




#13
Acrolein
Concen: 97.712 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

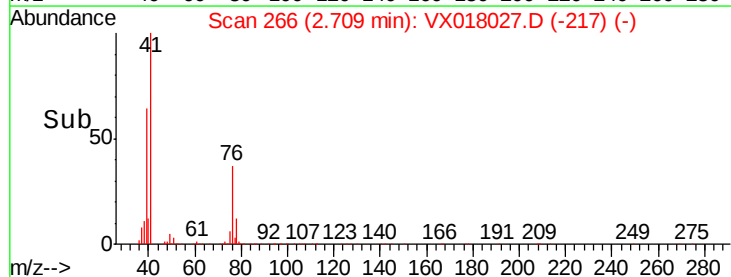
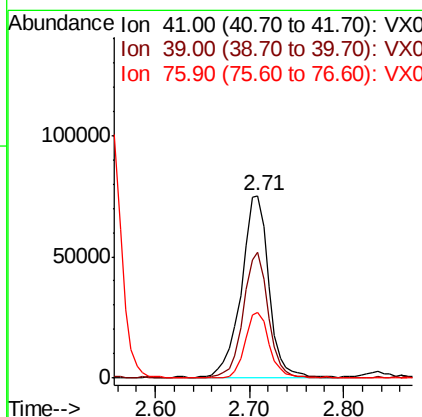
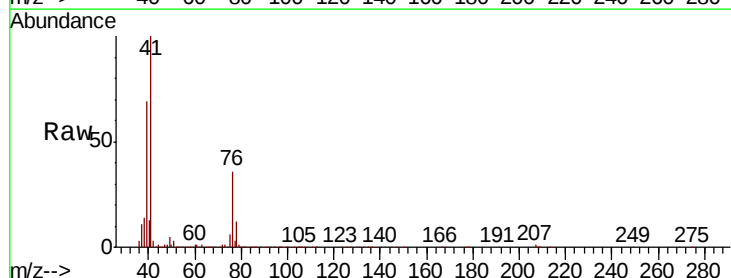
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

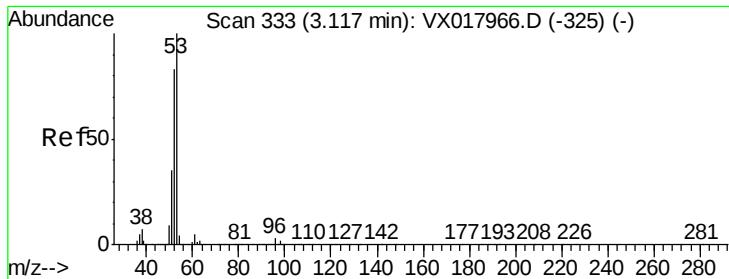
Tot Ion: 56 Resp: 76684
Ion Ratio Lower Upper
56 100
55 71.0 58.2 87.4



#14
Allyl chloride
Concen: 18.195 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion: 41 Resp: 153539
Ion Ratio Lower Upper
41 100
39 62.8 51.7 77.5
76 32.0 26.3 39.5





#15

Acrylonitrile

Concen: 90.500 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

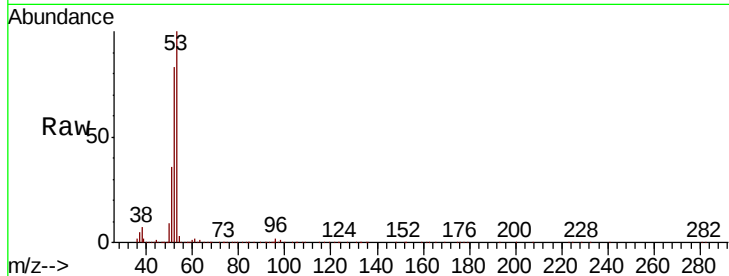
Tot Ion: 53 Resp: 293631

Ion Ratio Lower Upper

53 100

52 83.9 67.1 100.7

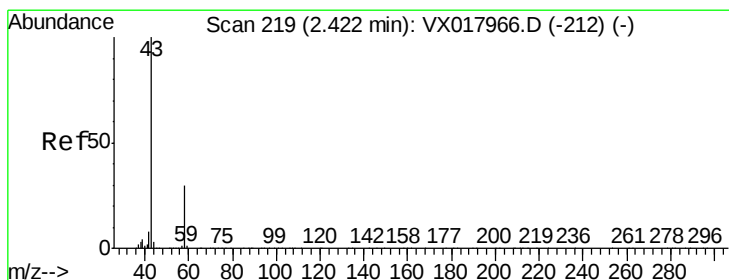
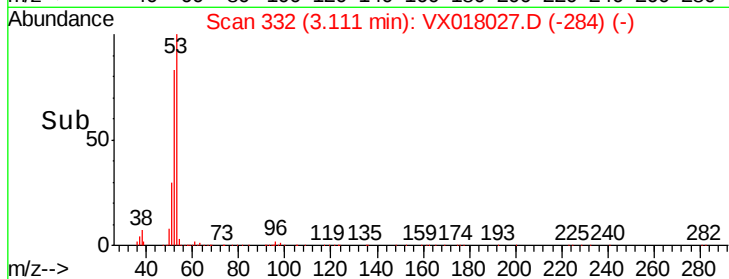
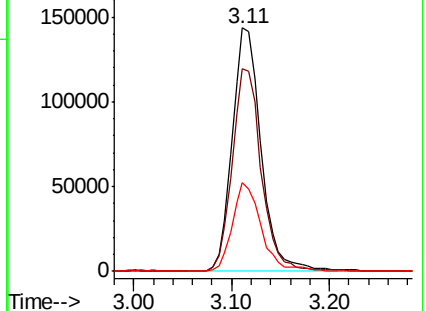
51 36.0 29.2 43.8



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: 85.909 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018027.D

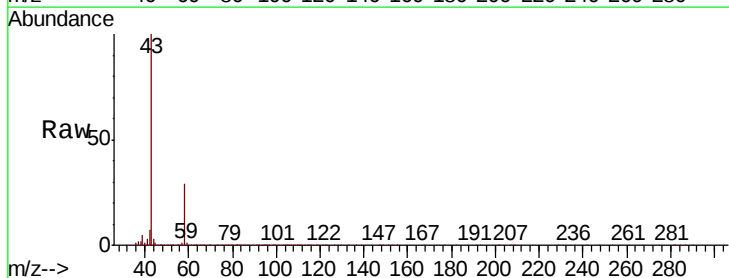
Acq: 20 Aug 2020 12:16

Tgt Ion: 43 Resp: 260065

Ion Ratio Lower Upper

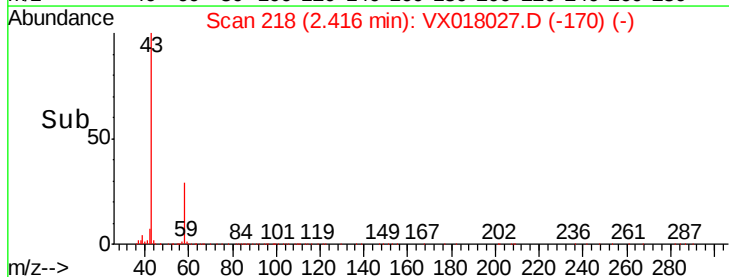
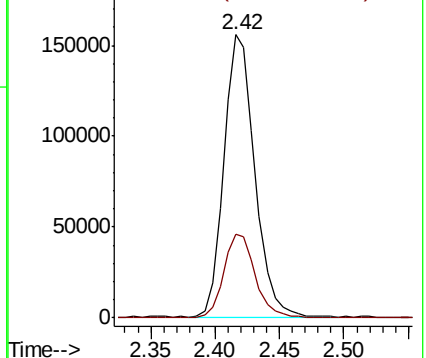
43 100

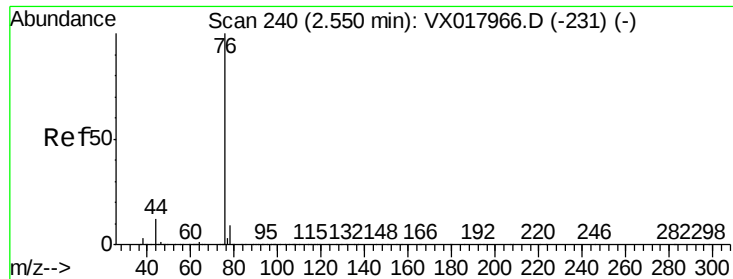
58 29.3 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.071 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

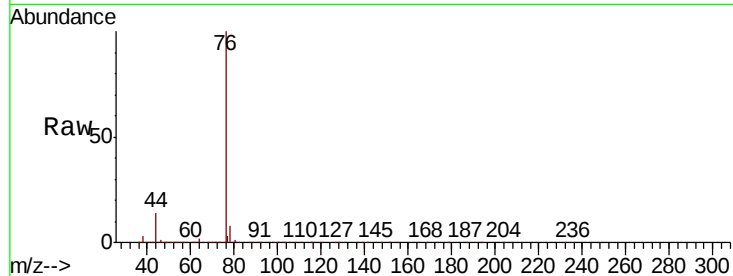
VX0820WBSD01

Tot Ion: 76 Resp: 195972

Ion Ratio Lower Upper

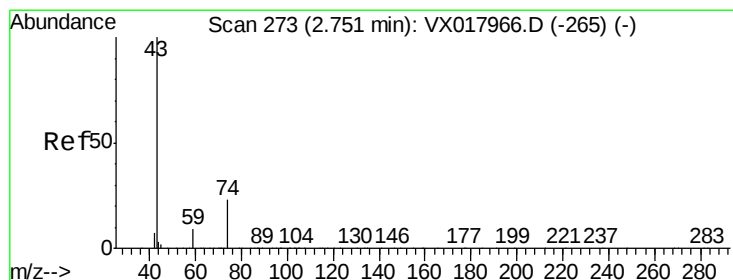
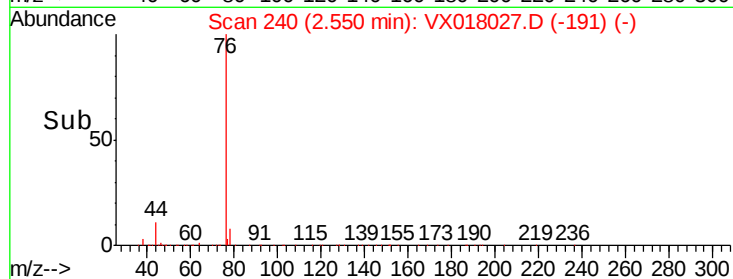
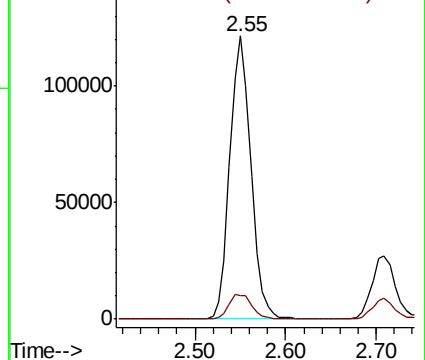
76 100

78 8.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.852 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018027.D

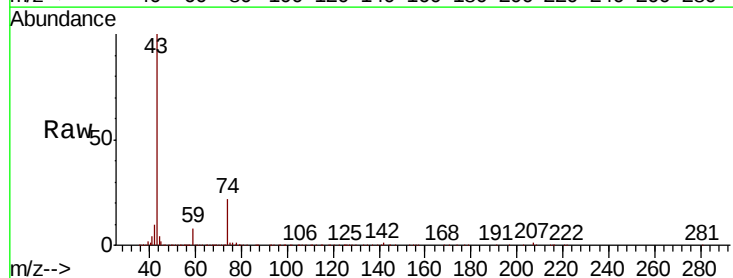
Acq: 20 Aug 2020 12:16

Tgt Ion: 43 Resp: 143604

Ion Ratio Lower Upper

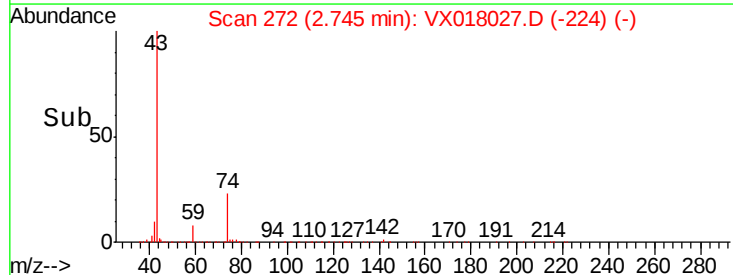
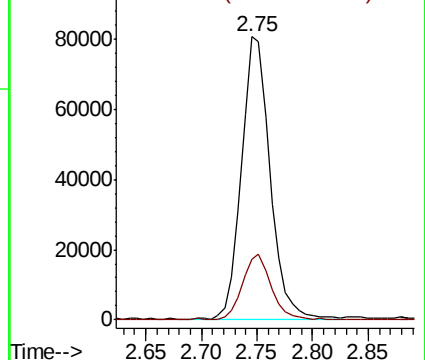
43 100

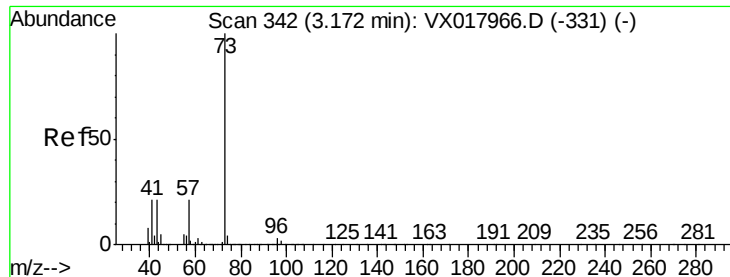
74 23.3 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



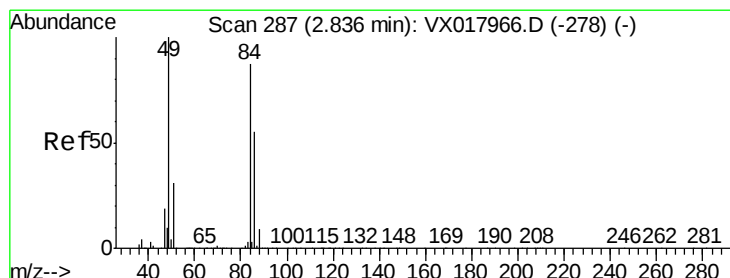
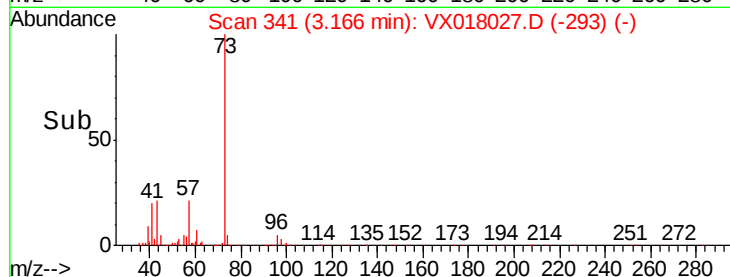
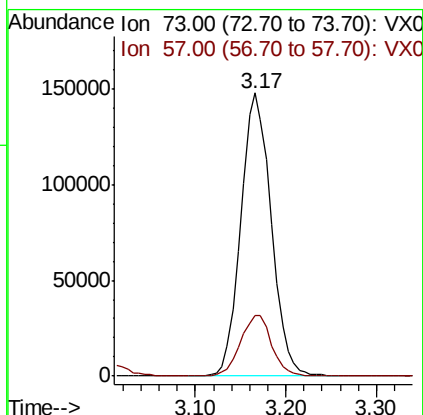
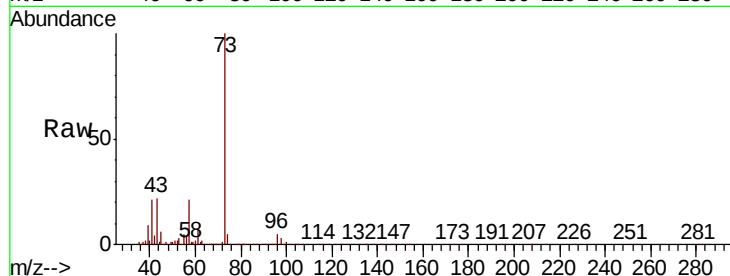


#19

Methyl tert-butyl Ether
 Concen: 18.944 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

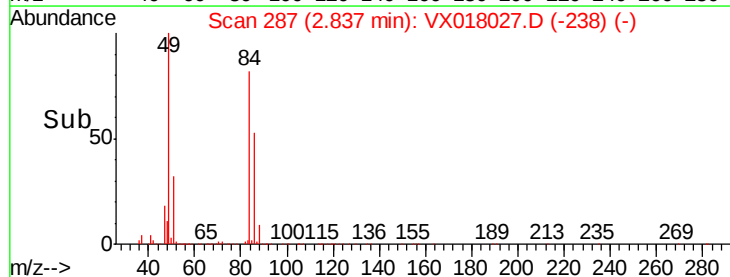
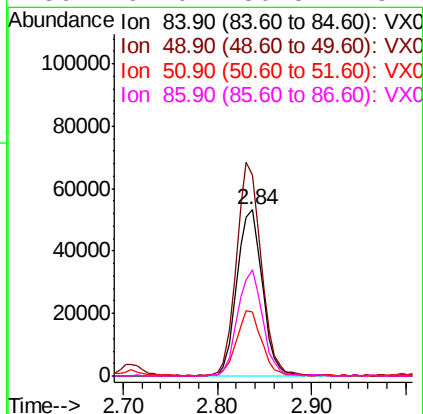
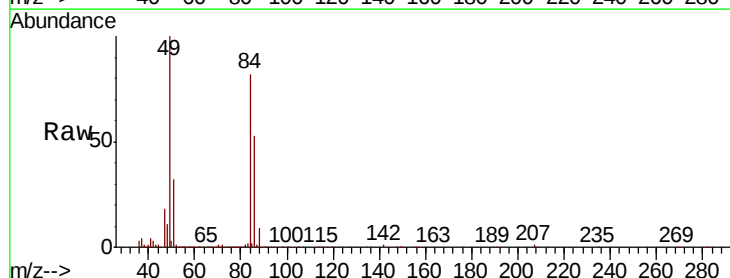
Tot Ion: 73 Resp: 342685
 Ion Ratio Lower Upper
 73 100
 57 21.3 16.9 25.3

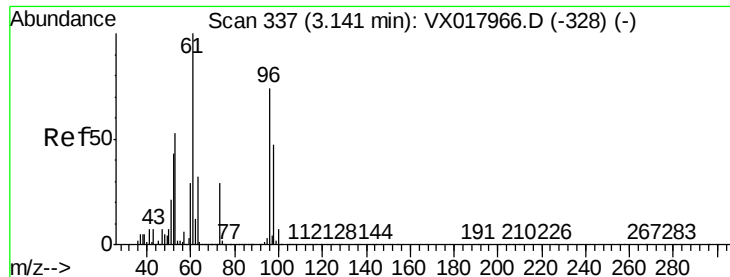


#20

Methylene Chloride
 Concen: 18.086 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Tgt Ion: 84 Resp: 100871
 Ion Ratio Lower Upper
 84 100
 49 121.3 91.8 137.6
 51 38.3 27.8 41.8
 86 64.0 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 17.404 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

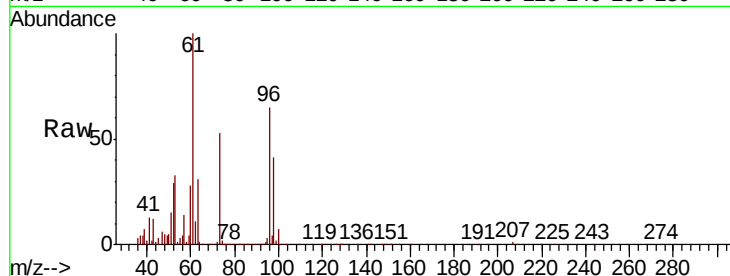
Tot Ion: 96 Resp: 84652

Ion Ratio Lower Upper

96 100

61 152.7 108.6 163.0

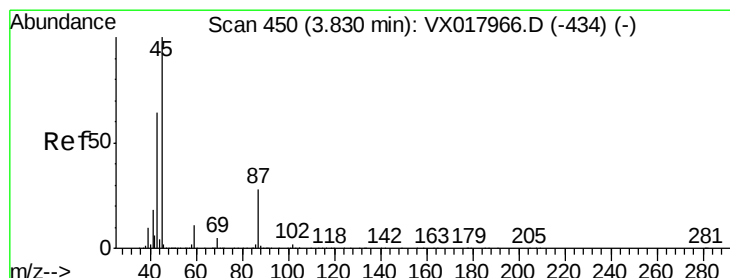
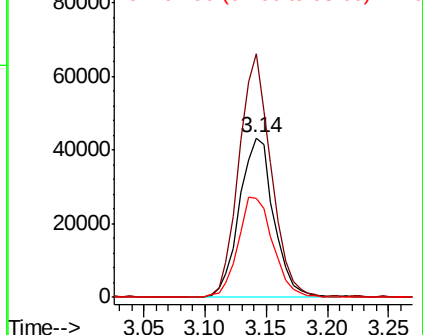
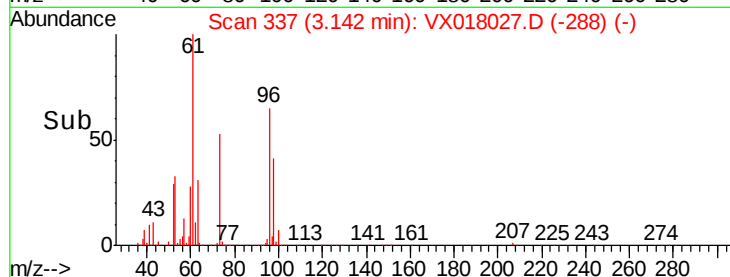
98 62.1 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.386 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Tgt Ion: 45 Resp: 342923

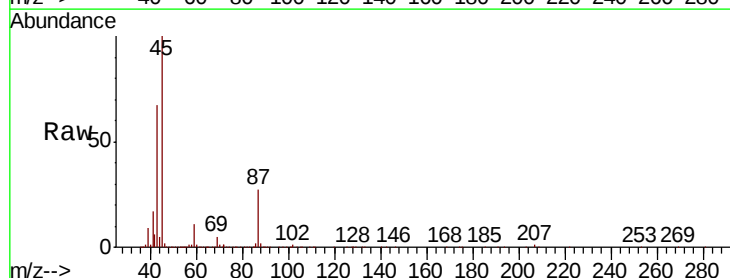
Ion Ratio Lower Upper

45 100

43 66.2 51.5 77.3

87 27.1 22.6 33.8

59 11.0 9.0 13.4

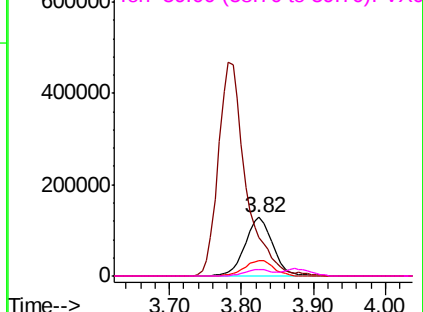
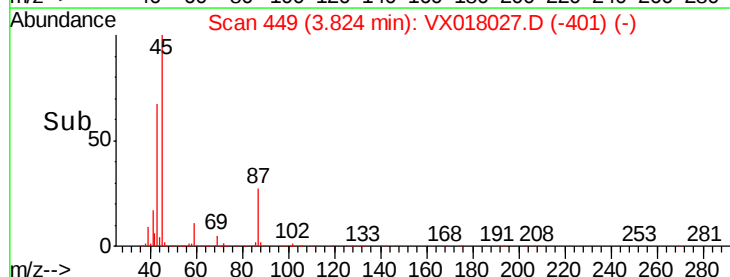


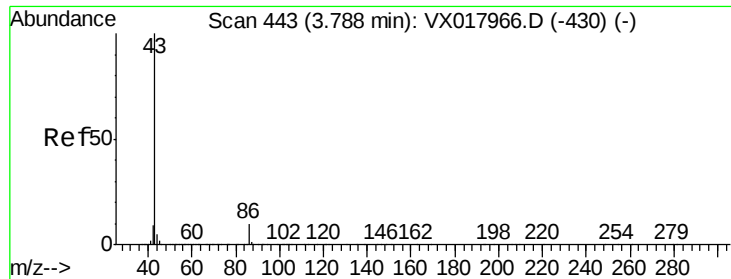
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 92.433 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

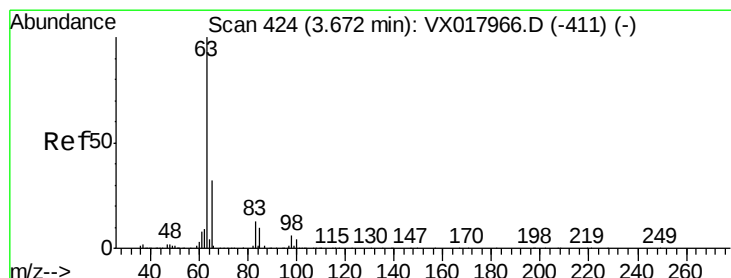
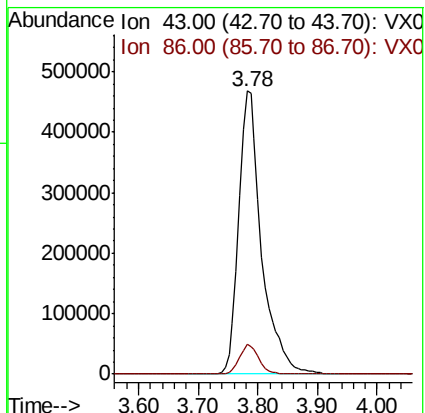
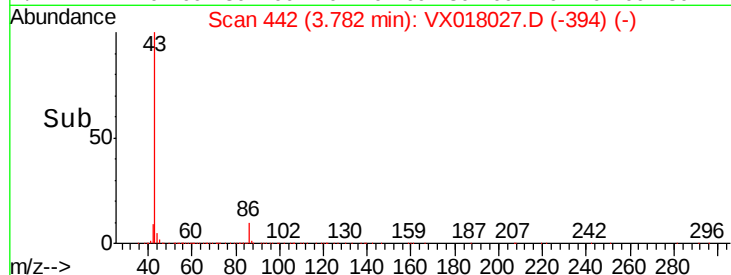
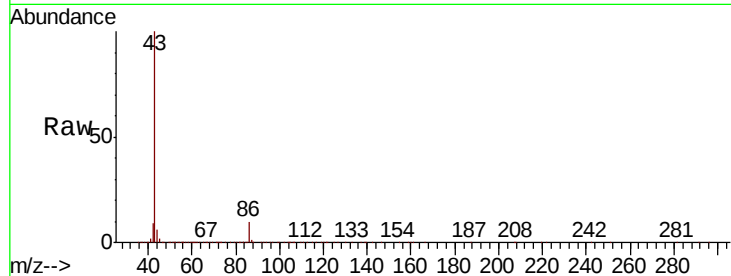
VX0820WBSD01

Tot Ion: 43 Resp: 1249504

Ion Ratio Lower Upper

43 100

86 10.3 8.1 12.1



#24

1,1-Dichloroethane

Concen: 18.113 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

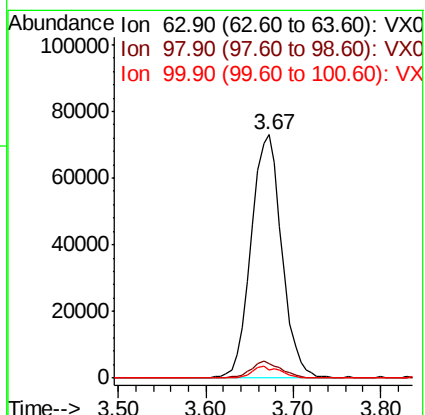
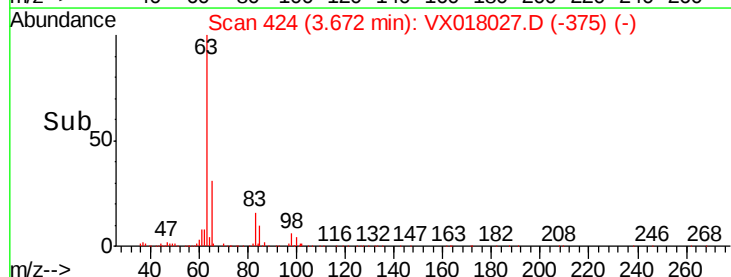
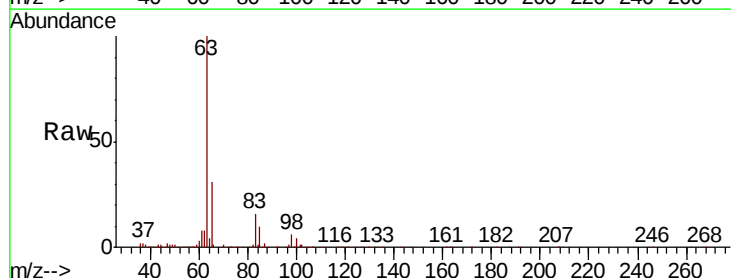
Tgt Ion: 63 Resp: 177620

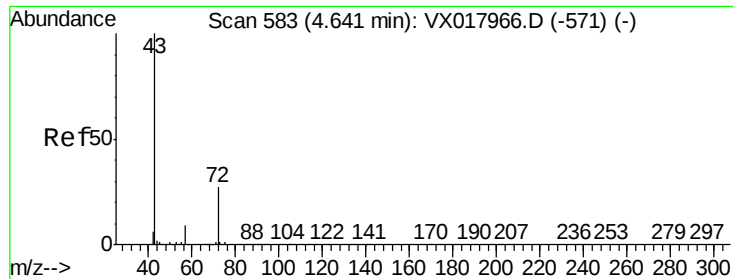
Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.0

100 3.5 2.0 5.8

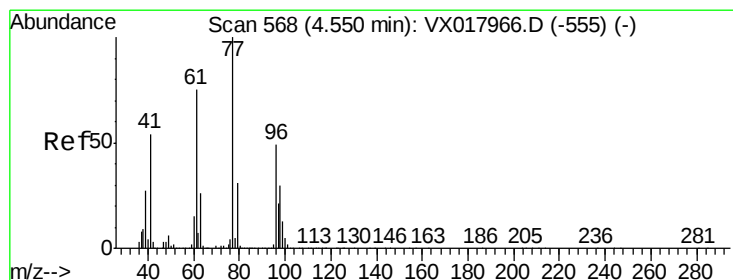
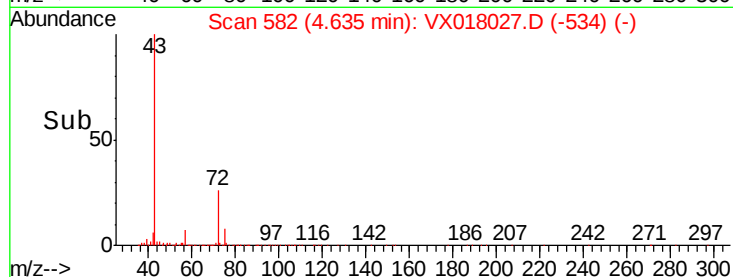
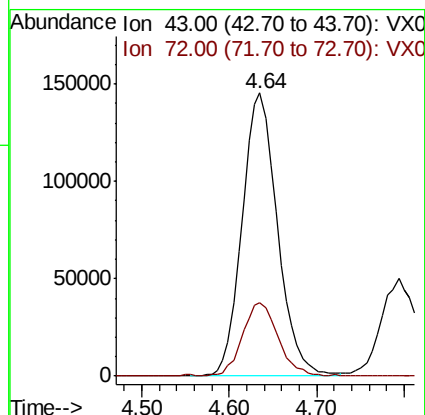
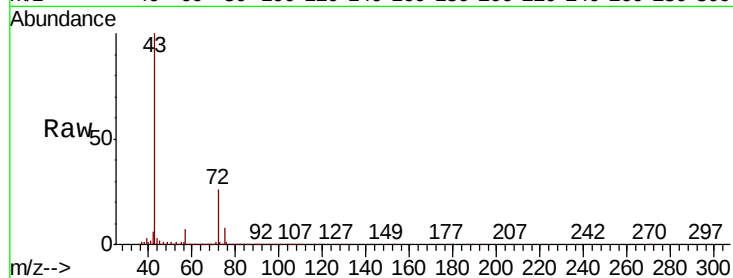




#25
2-Butanone
Concen: 88.480 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

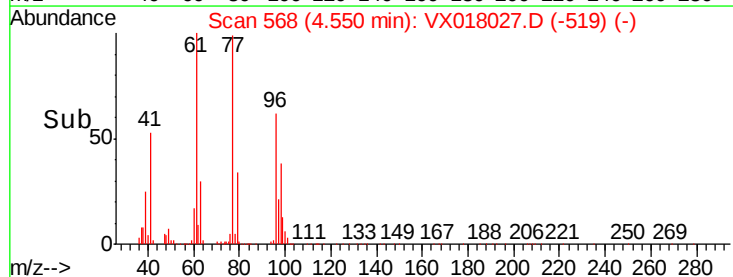
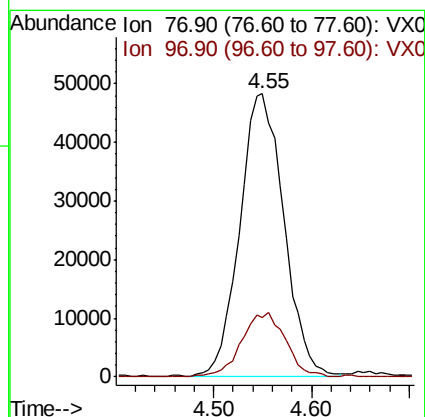
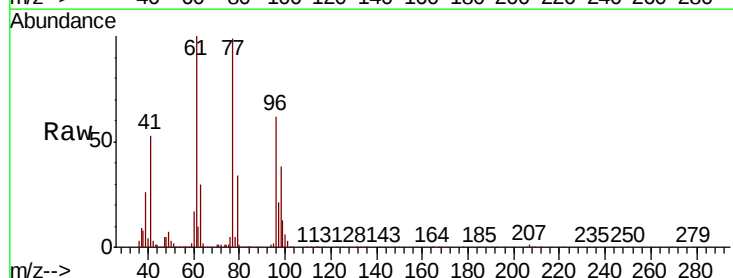
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

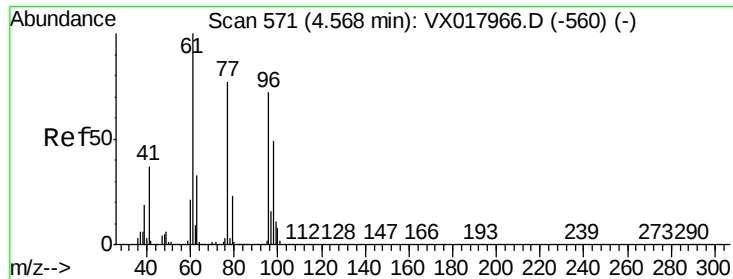
Tot Ion: 43 Resp: 405502
Ion Ratio Lower Upper
43 100
72 26.0 21.4 32.2



#26
2,2-Dichloropropane
Concen: 16.838 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion: 77 Resp: 150355
Ion Ratio Lower Upper
77 100
97 22.9 10.9 32.9



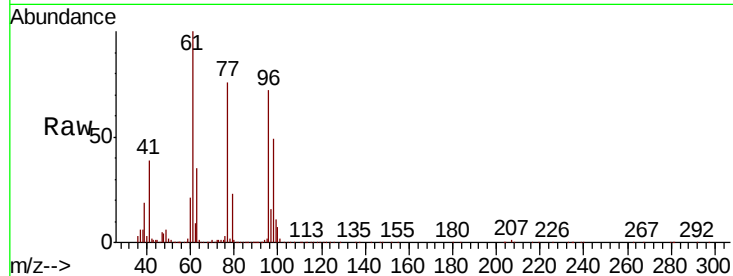


#27

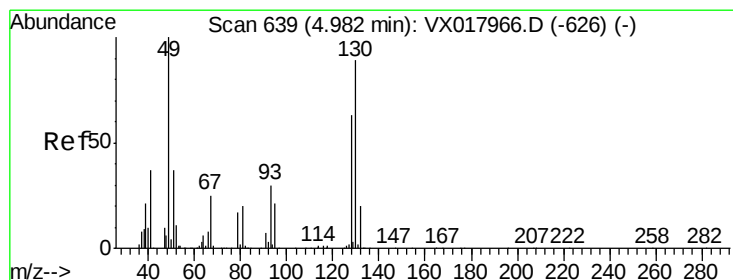
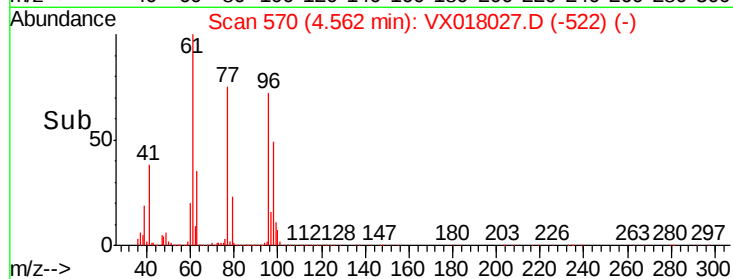
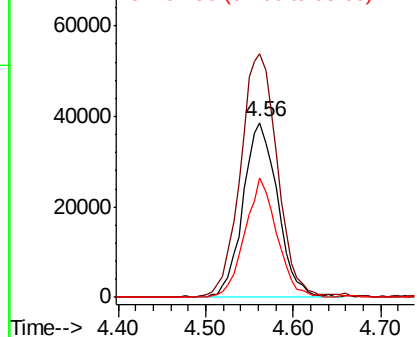
cis-1,2-Dichloroethene
Concen: 18.289 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	298.8
98	64.1	0.0	130.2



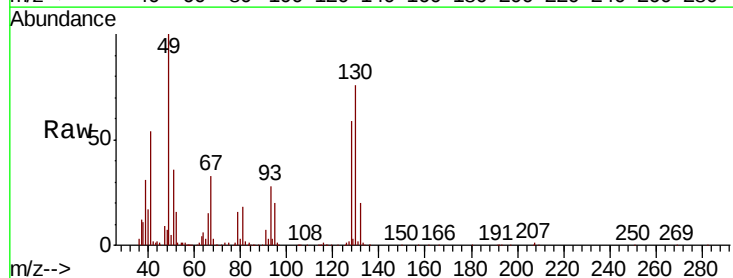
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



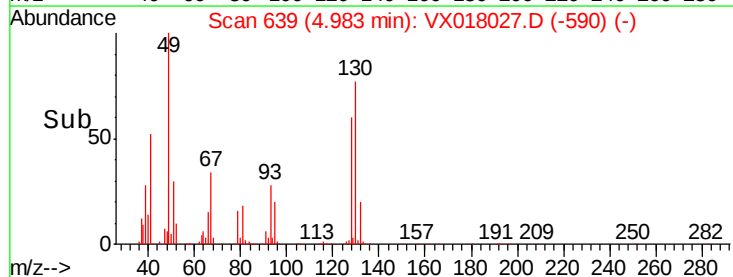
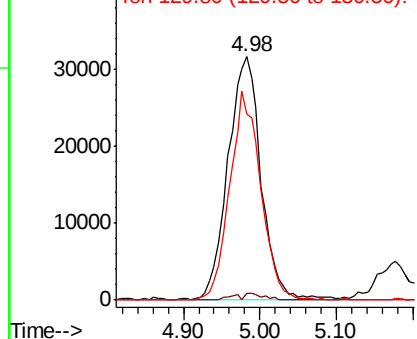
#28

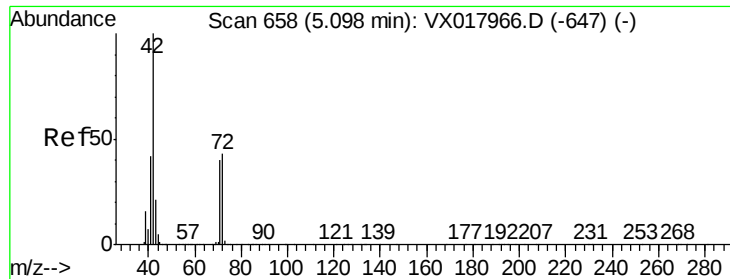
Bromochloromethane
Concen: 18.484 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.6
130	0.0	68.5	102.7#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

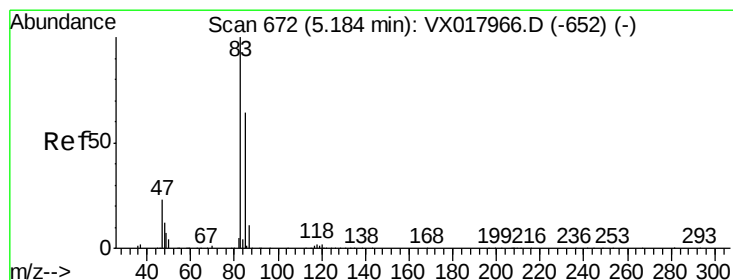
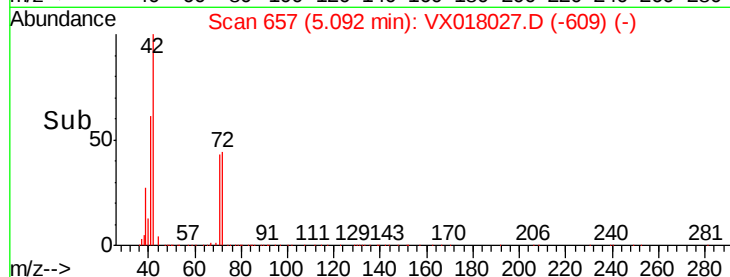
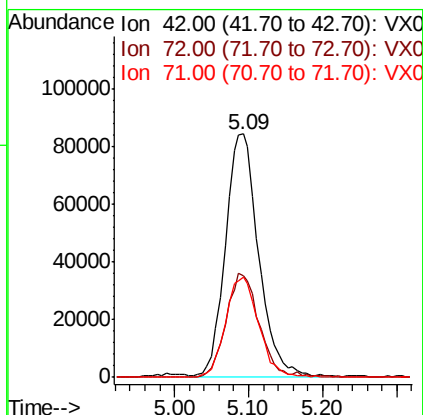
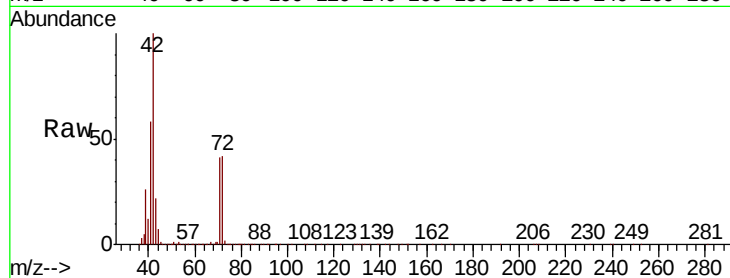




#29
Tetrahydrofuran
Concen: 91.437 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

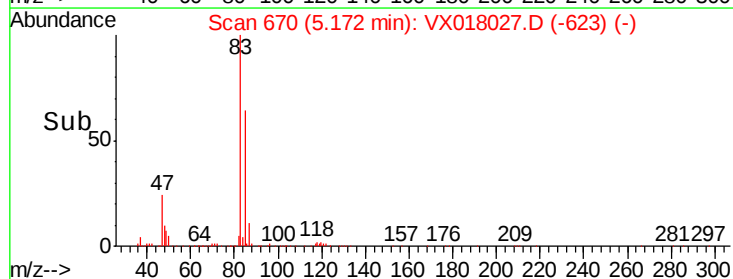
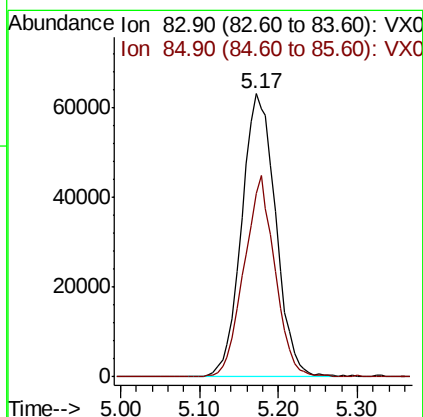
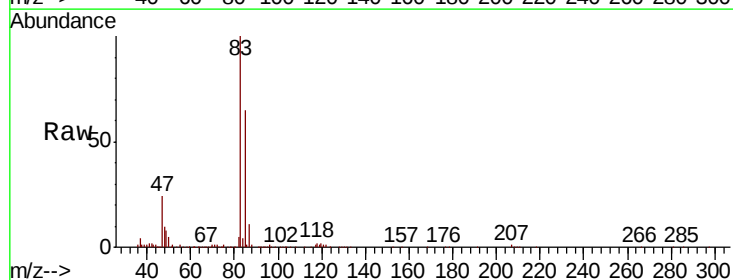
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

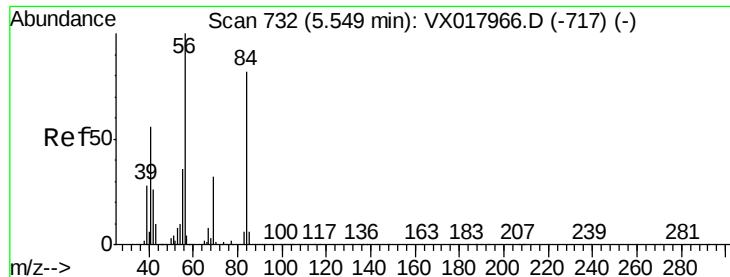
Tot Ion: 42 Resp: 260258
Ion Ratio Lower Upper
42 100
72 42.4 35.9 53.9
71 41.5 33.0 49.4



#30
Chloroform
Concen: 17.675 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion: 83 Resp: 189449
Ion Ratio Lower Upper
83 100
85 64.9 51.3 76.9

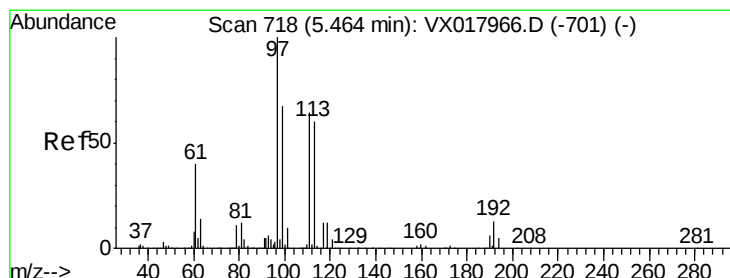
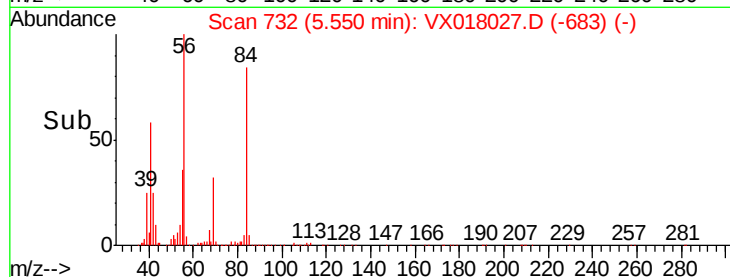
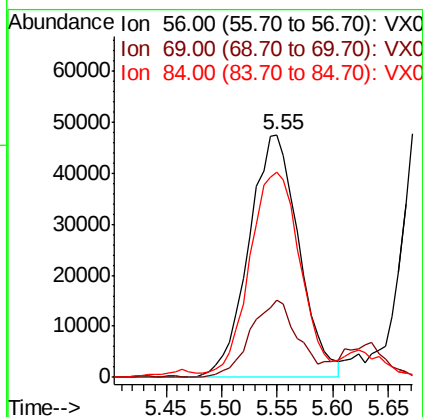
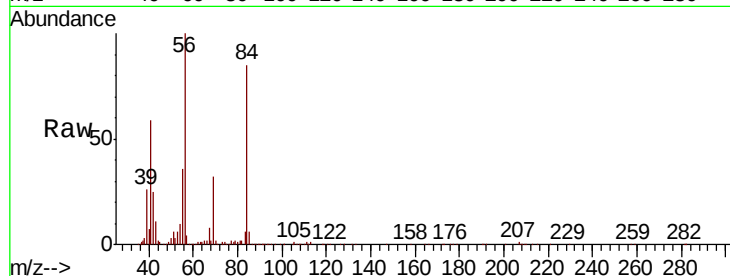




#31
Cyclohexane
Concen: 18.730 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

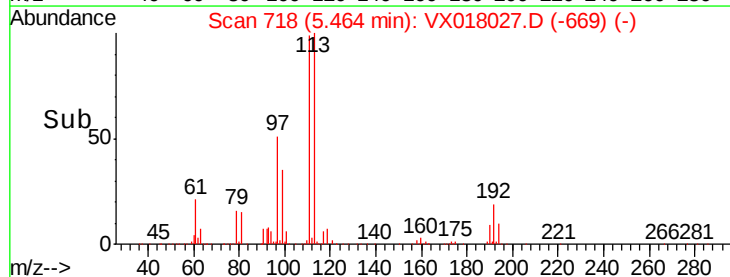
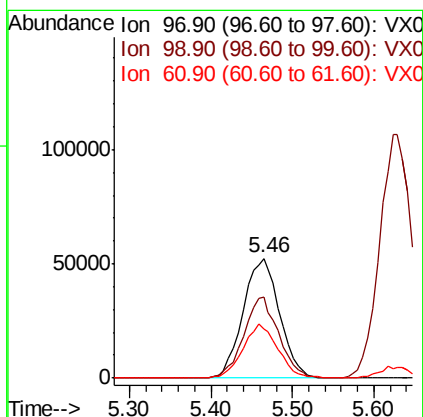
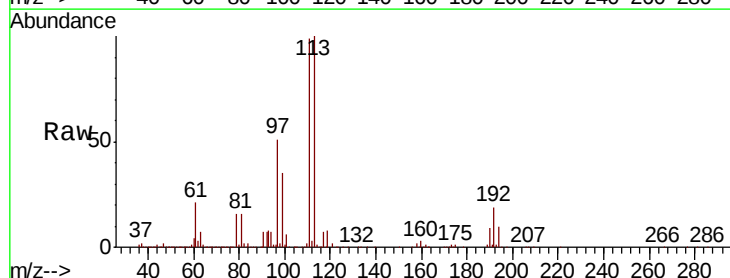
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

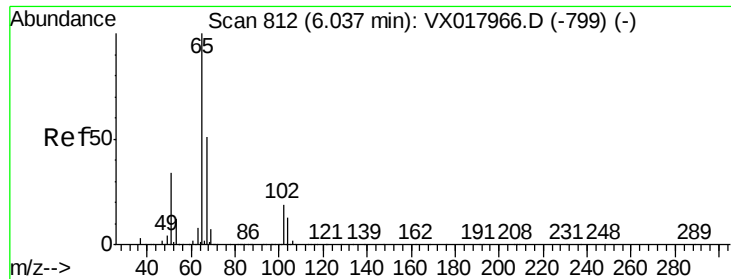
Tot Ion: 56 Resp: 148933
Ion Ratio Lower Upper
56 100
69 31.7 25.3 37.9
84 82.6 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 16.761 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion: 97 Resp: 162967
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 43.6 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 45.912 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

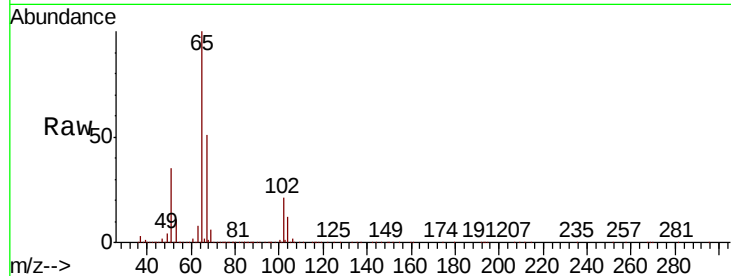
VX0820WBSD01

Tot Ion: 65 Resp: 353282

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

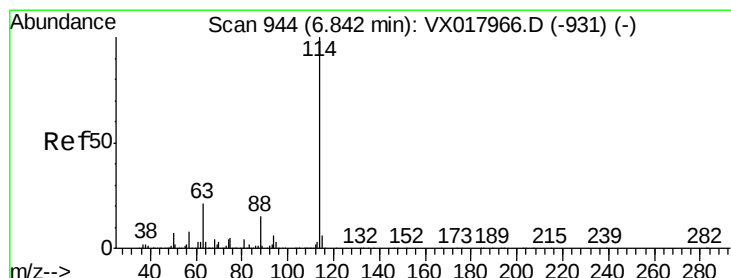
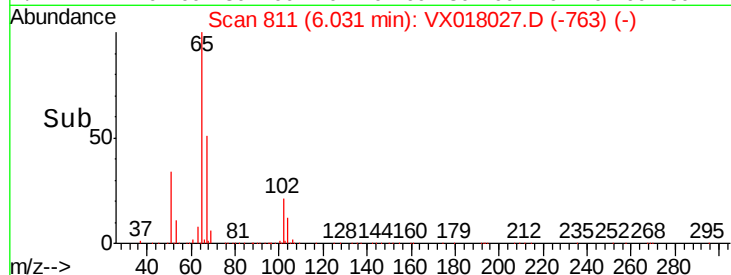
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

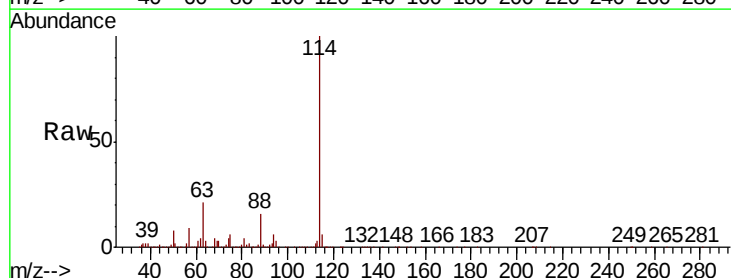
Tgt Ion: 114 Resp: 807271

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

88 16.5 0.0 30.2



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

6.83

400000

300000

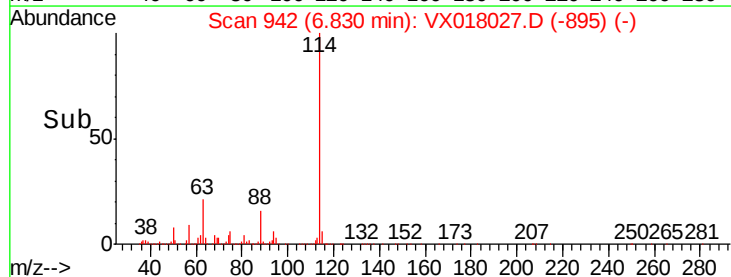
200000

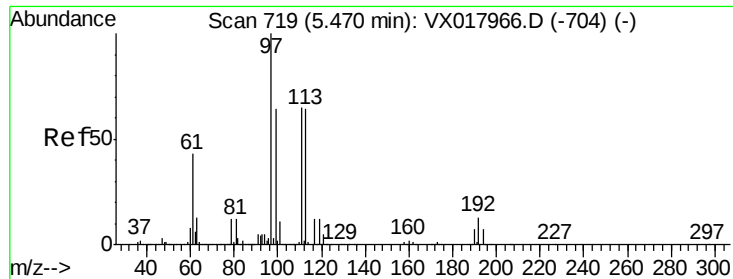
100000

0

Time-->

6.70 6.80 6.90 7.00

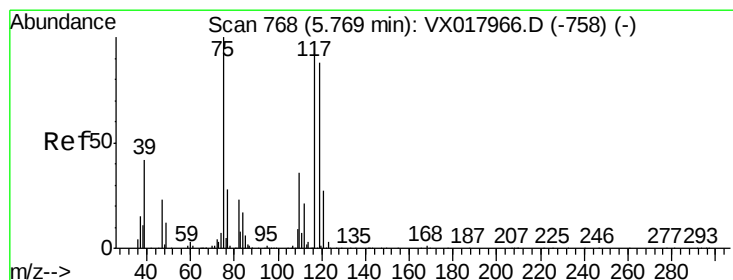
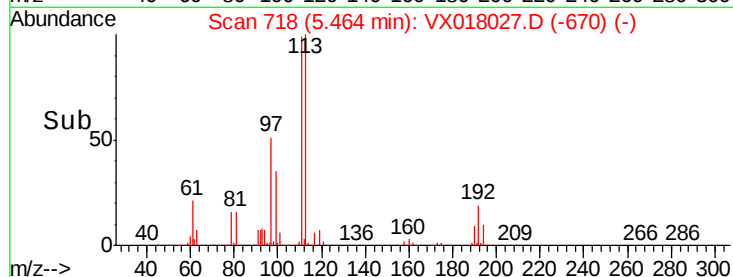
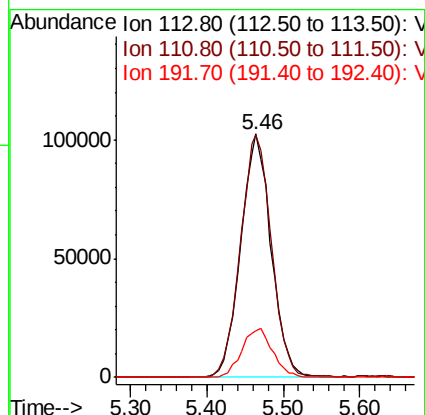
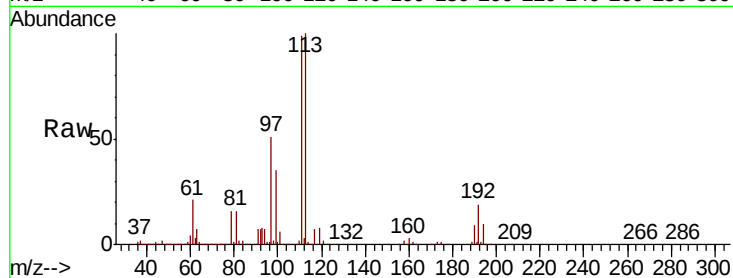




#35
Dibromofluoromethane
Concen: 46.950 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

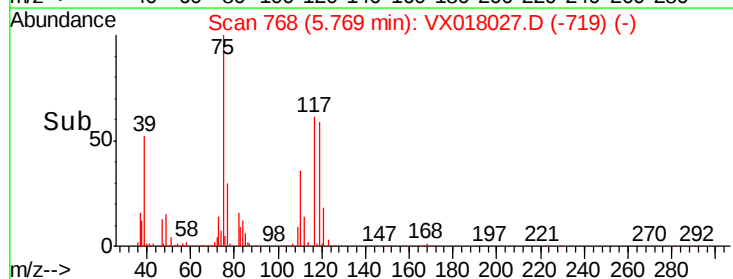
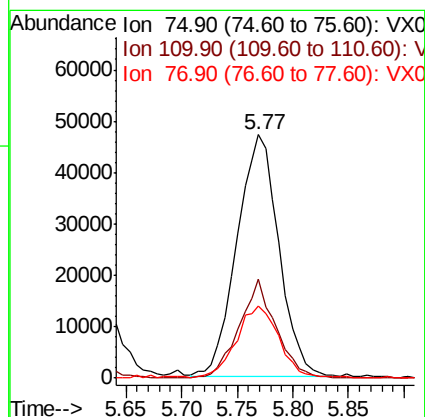
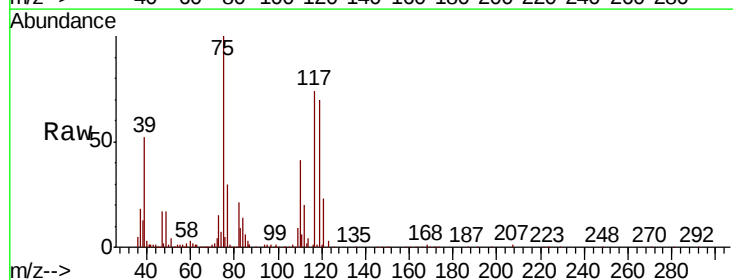
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

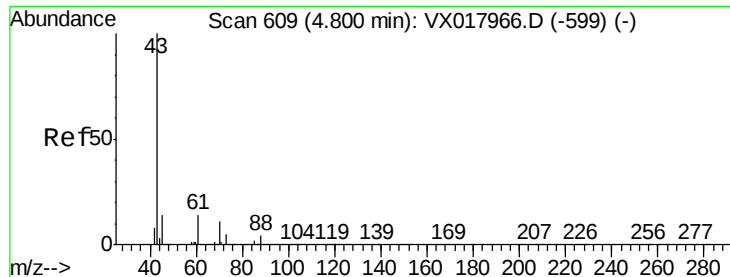
Tot Ion:113 Resp: 282244
Ion Ratio Lower Upper
113 100
111 102.0 83.5 125.3
192 20.5 16.2 24.4



#36
1,1-Dichloropropene
Concen: 18.117 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion: 75 Resp: 122414
Ion Ratio Lower Upper
75 100
110 36.0 18.7 56.1
77 29.3 24.4 36.6

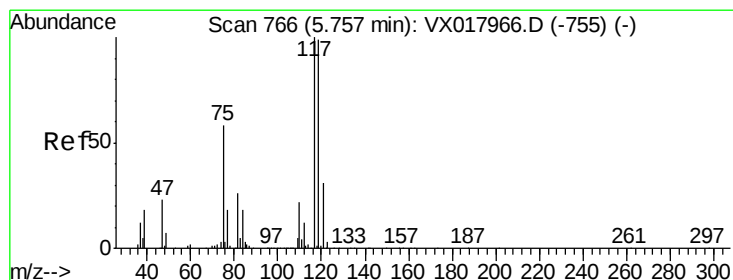
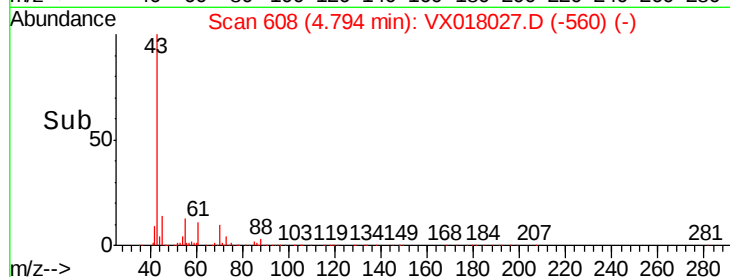
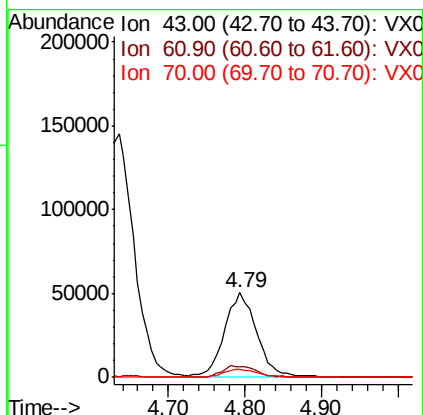
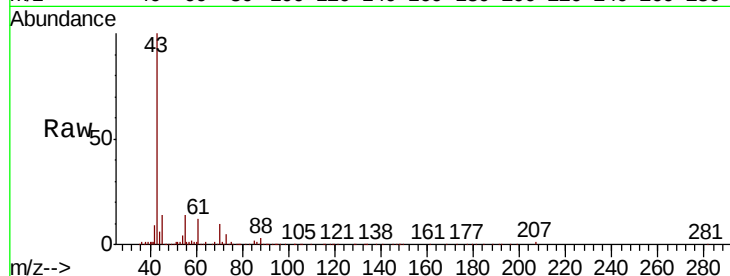




#37
Ethyl Acetate
Concen: 18.004 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

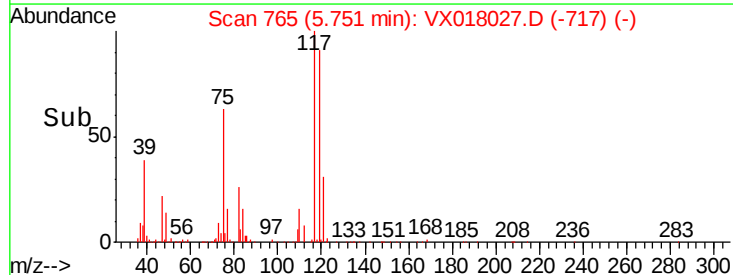
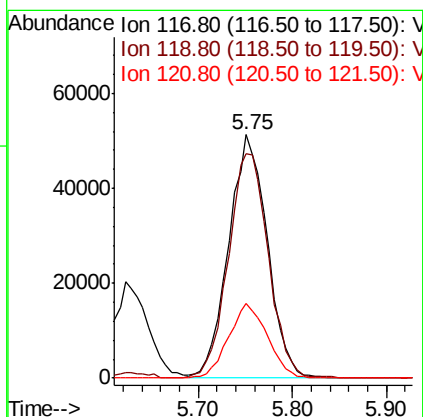
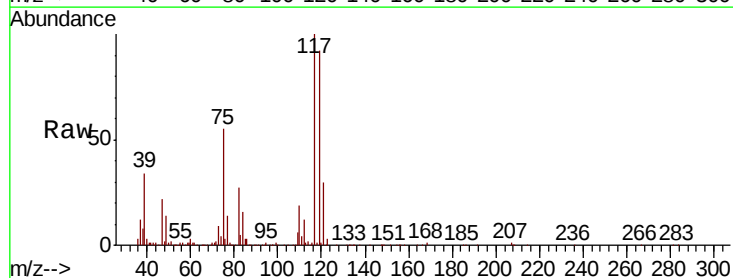
Instrument :
MSVOA_X
ClientSampleID :
VX0820WBSD01

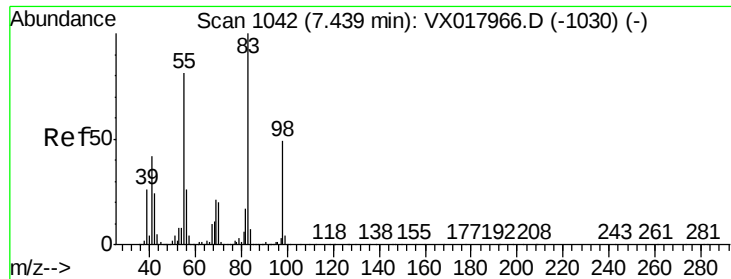
Tot Ion:	43	Resp:	145550
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.3	16.9
70	10.7	8.5	12.7



#38
Carbon Tetrachloride
Concen: 16.757 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion:	117	Resp:	146541
Ion	Ratio	Lower	Upper
117	100		
119	92.0	79.0	118.6
121	30.5	24.7	37.1

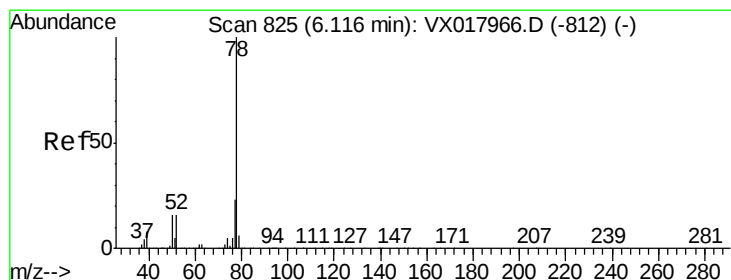
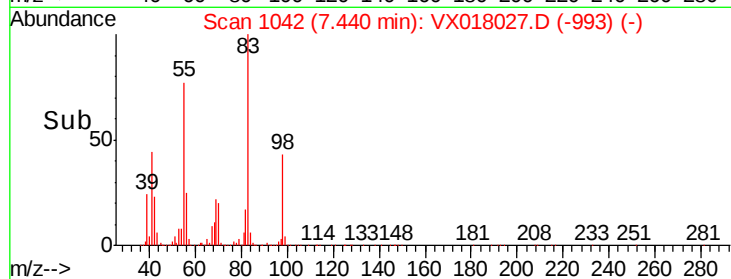
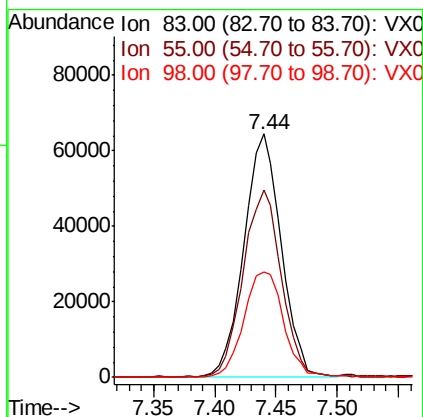
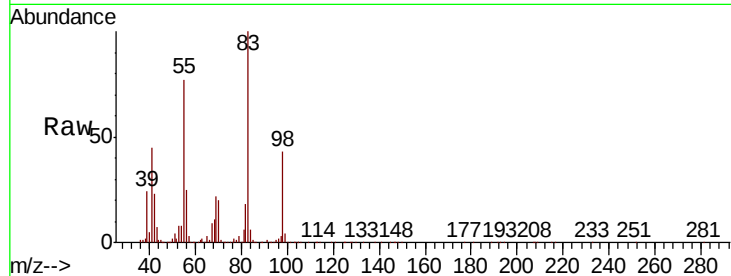




#39
Methvlcvclohexane
Concen: 16.430 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

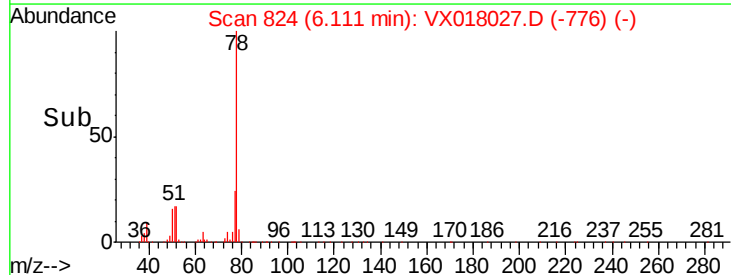
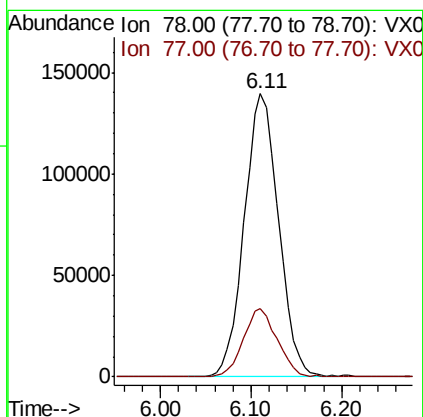
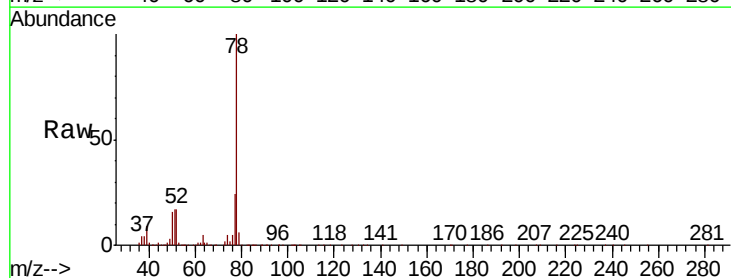
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

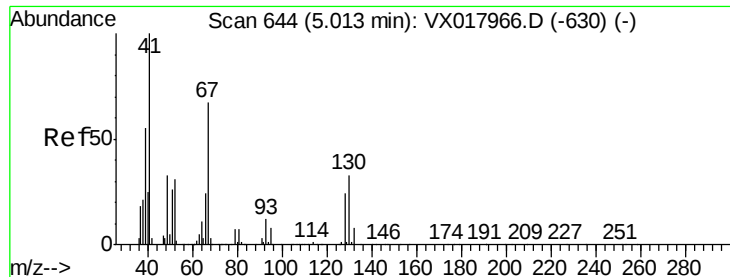
Tot Ion: 83 Resp: 137384
Ion Ratio Lower Upper
83 100
55 76.6 64.5 96.7
98 43.1 39.0 58.6



#40
Benzene
Concen: 17.903 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion: 78 Resp: 364352
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2

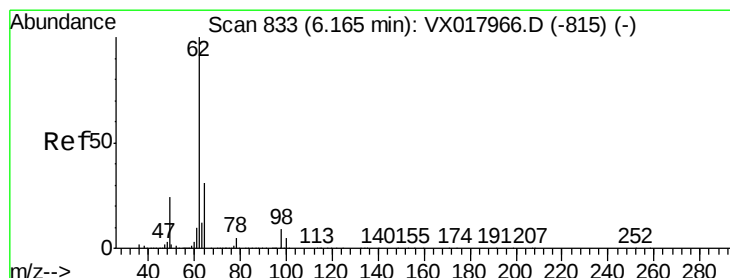
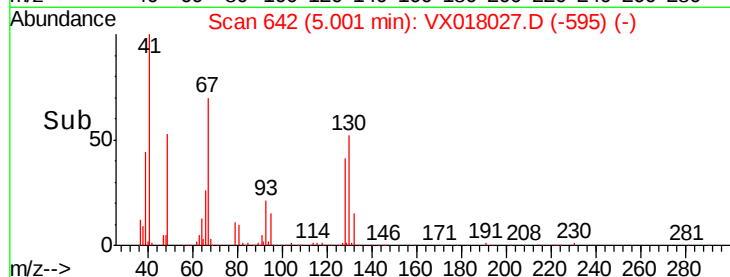
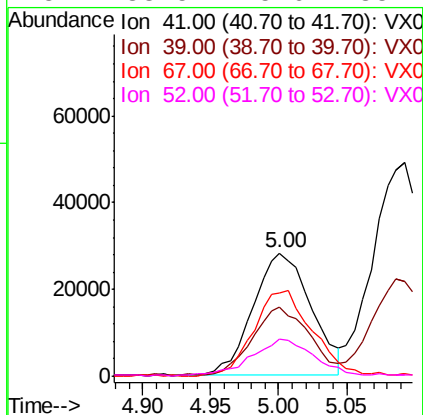
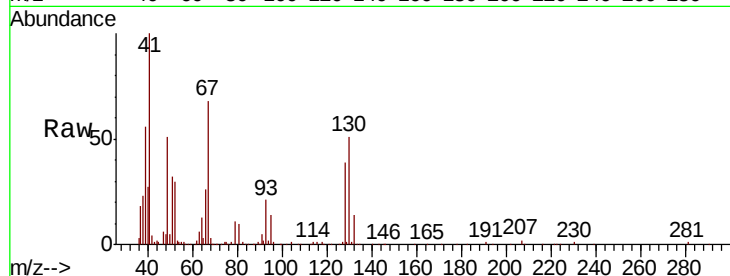




#41
Methacrylonitrile
Concen: 18.219 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

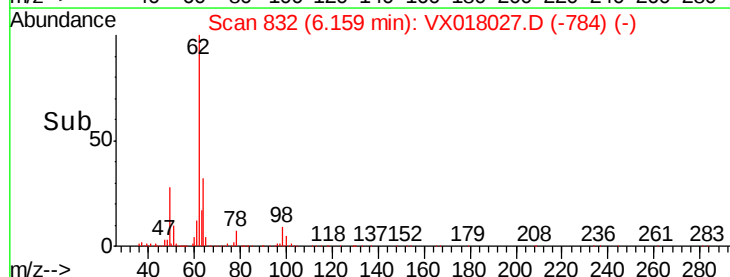
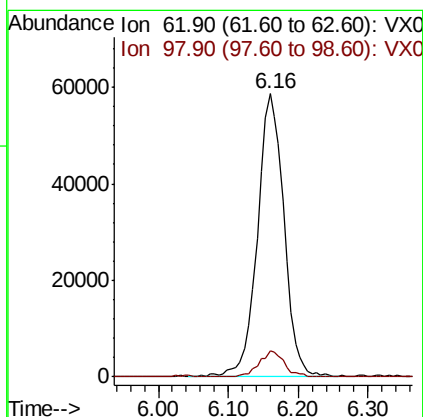
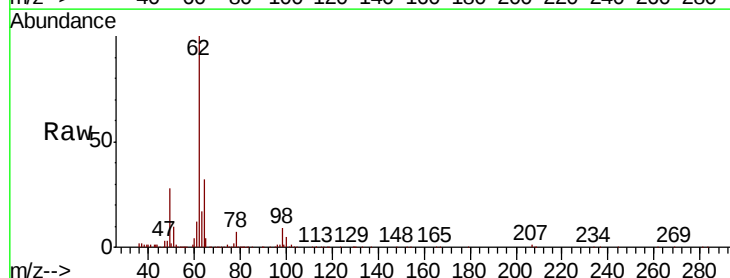
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

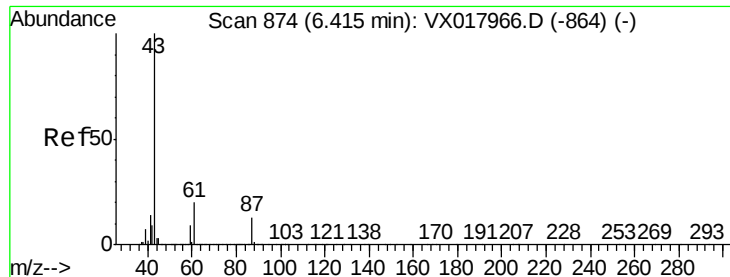
Tot Ion:	41	Resp:	84420
Ion	Ratio	Lower	Upper
41	100		
39	54.2	44.8	67.2
67	70.3	57.5	86.3
52	33.5	25.6	38.4



#42
1,2-Dichloroethane
Concen: 17.909 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion:	62	Resp:	154817
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2





#43

Isopropyl Acetate

Concen: 18.184 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

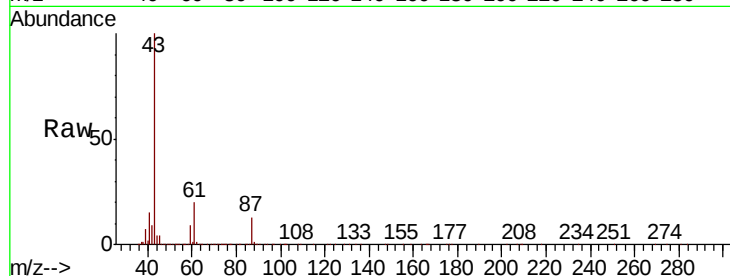
Tot Ion: 43 Resp: 237310

Ion Ratio Lower Upper

43 100

61 21.0 16.2 24.4

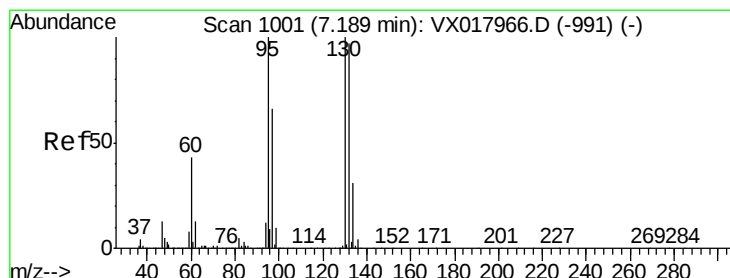
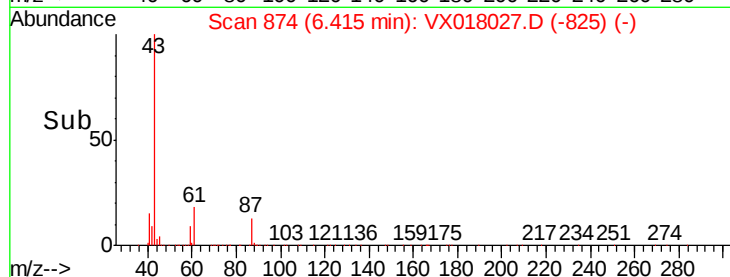
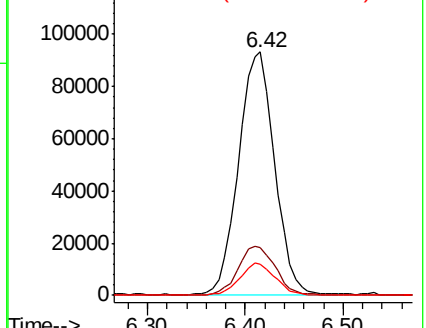
87 13.2 10.8 16.2



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: 17.381 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018027.D

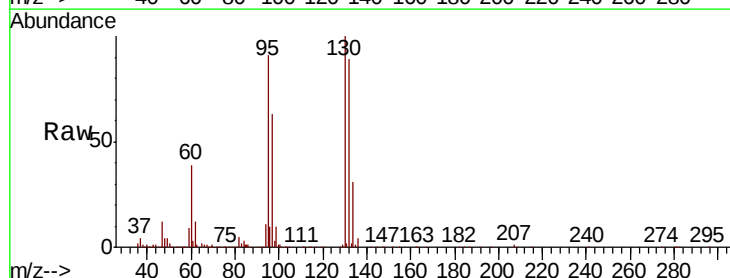
Acq: 20 Aug 2020 12:16

Tgt Ion:130 Resp: 104900

Ion Ratio Lower Upper

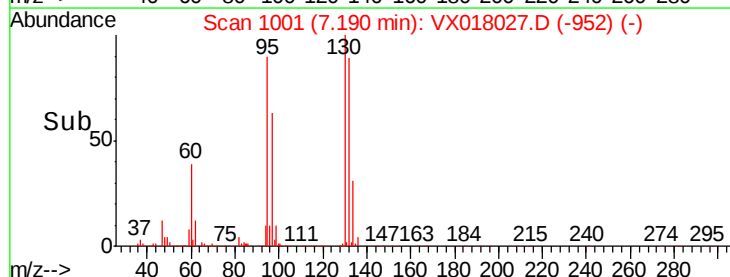
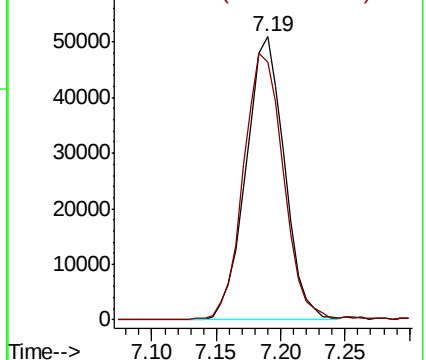
130 100

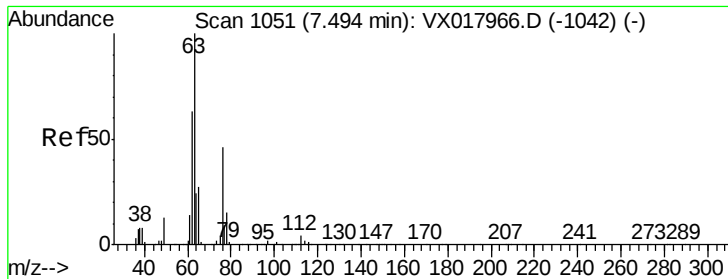
95 90.9 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.021 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

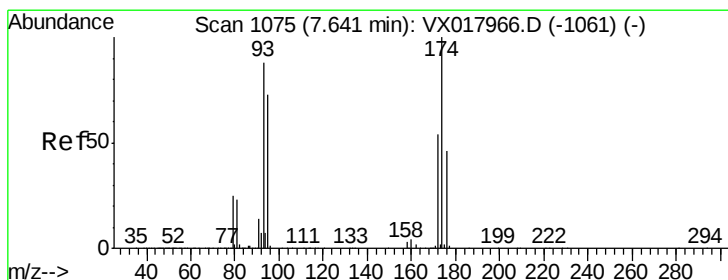
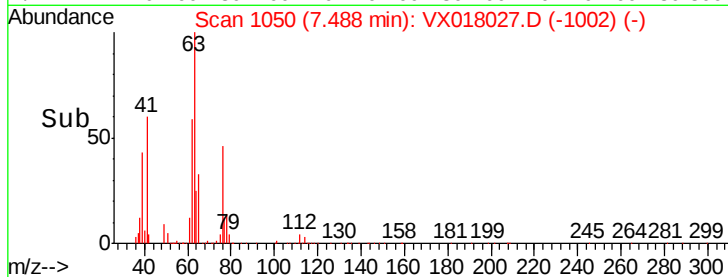
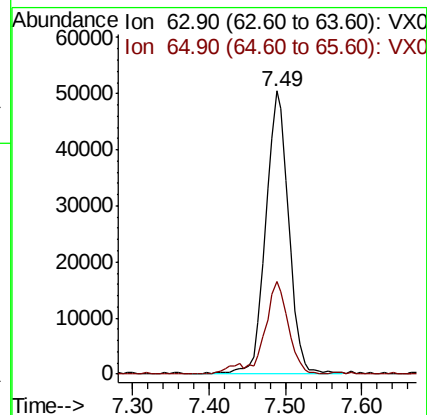
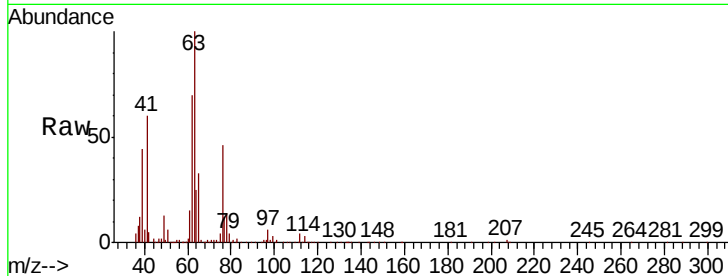
VX0820WBSD01

Tot Ion: 63 Resp: 105083

Ion Ratio Lower Upper

63 100

65 32.8 23.8 35.8



#46

Dibromomethane

Concen: 17.952 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

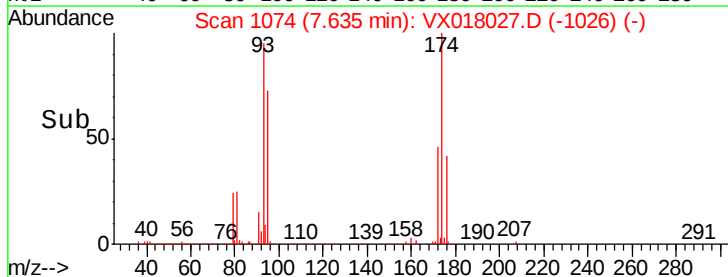
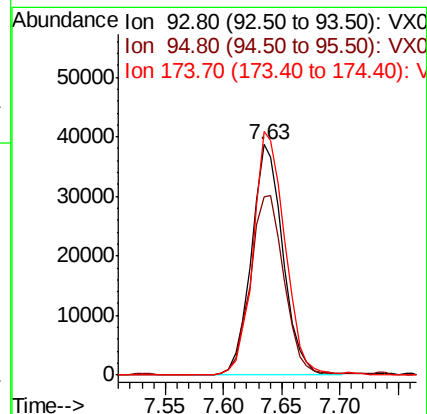
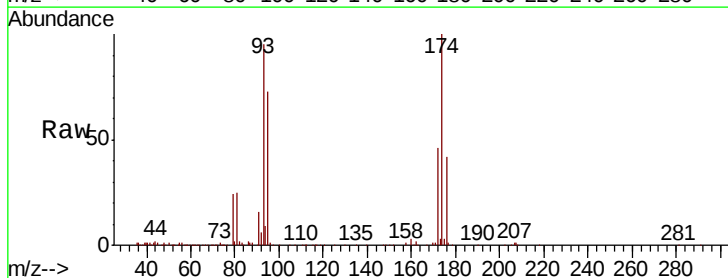
Tgt Ion: 93 Resp: 73057

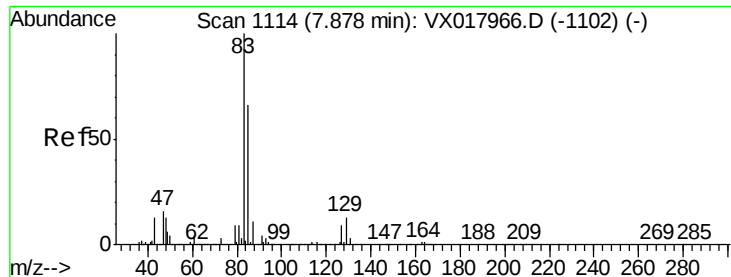
Ion Ratio Lower Upper

93 100

95 83.1 66.8 100.2

174 106.2 88.3 132.5





#47

Bromodichloromethane

Concen: 17.923 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

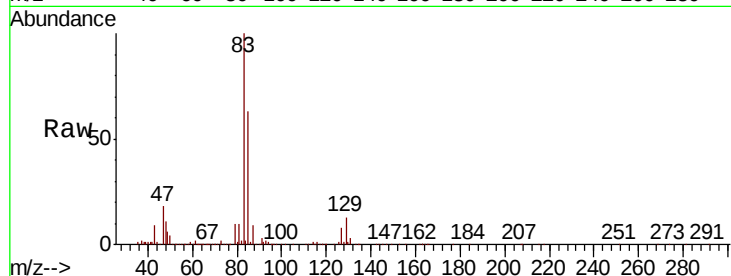
Tot Ion: 83 Resp: 158341

Ion Ratio Lower Upper

83 100

85 63.3 52.4 78.6

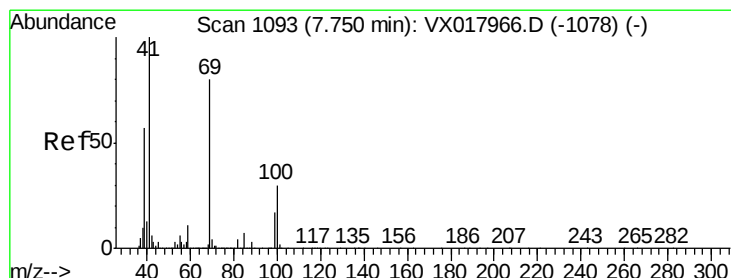
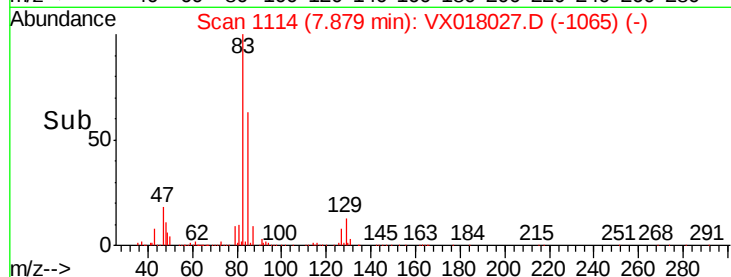
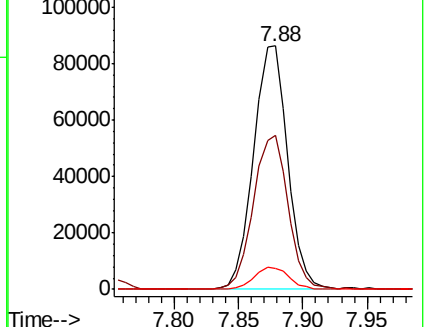
127 8.4 7.0 10.6



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: 18.167 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

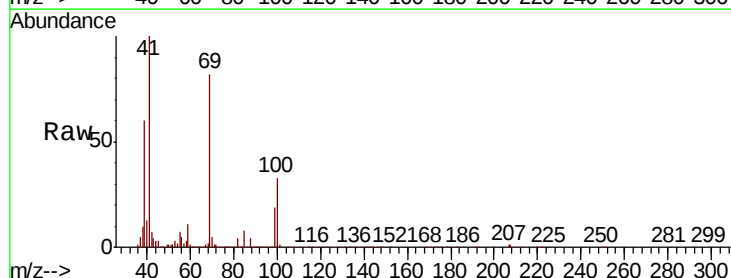
Tgt Ion: 41 Resp: 117537

Ion Ratio Lower Upper

41 100

69 85.1 64.3 96.5

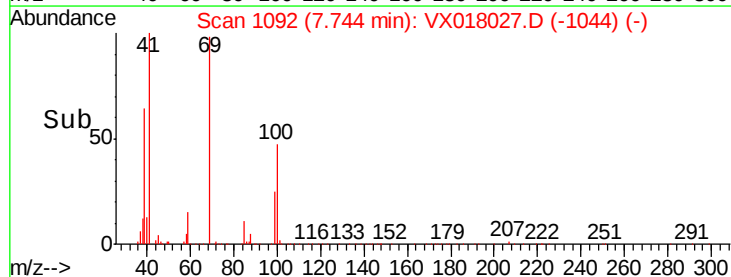
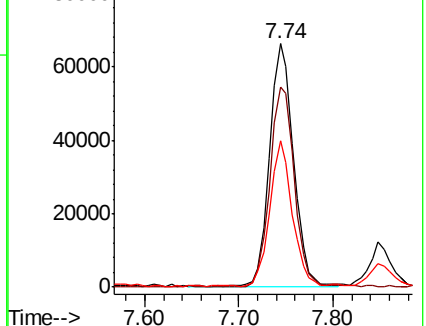
39 56.2 45.3 67.9

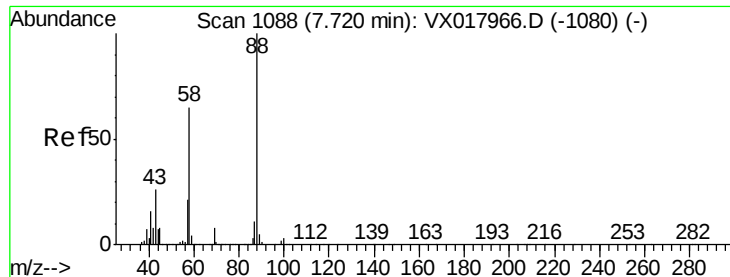


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 311.717 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

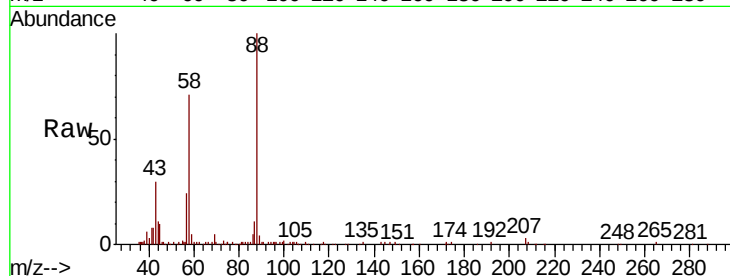
Tot Ion: 88 Resp: 41288

Ion Ratio Lower Upper

88 100

43 36.6 27.3 40.9

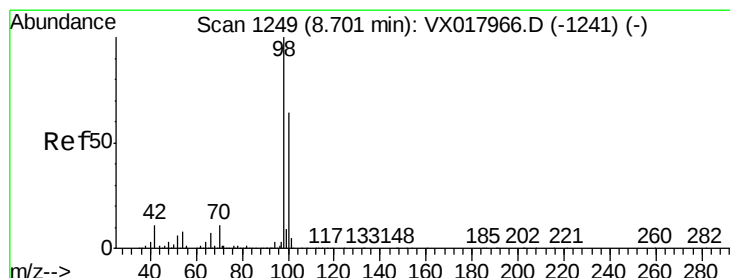
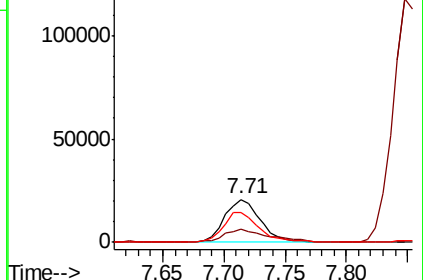
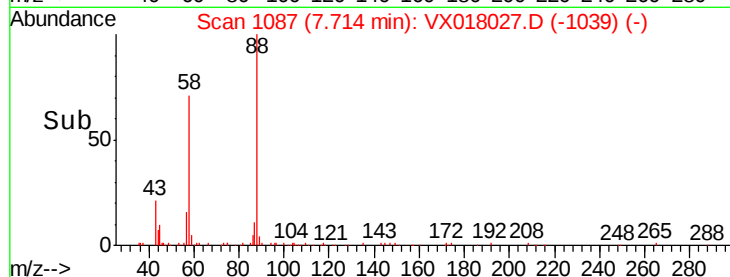
58 69.8 57.7 86.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.129 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VX018027.D

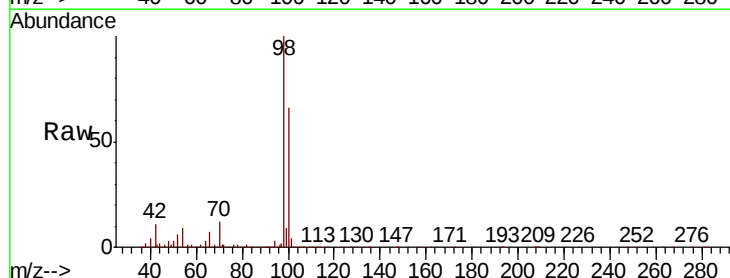
Acq: 20 Aug 2020 12:16

Tgt Ion: 98 Resp: 980234

Ion Ratio Lower Upper

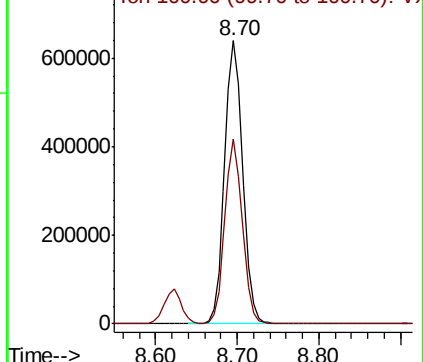
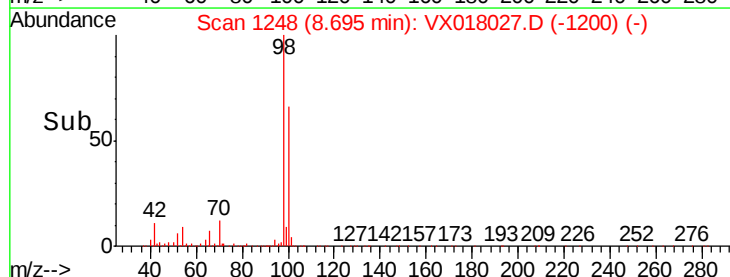
98 100

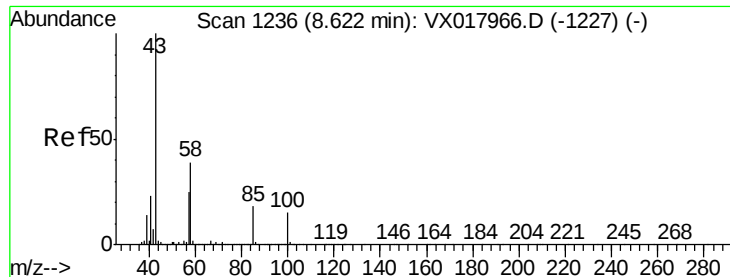
100 63.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

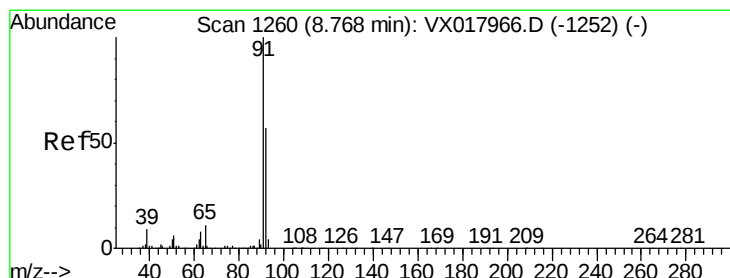
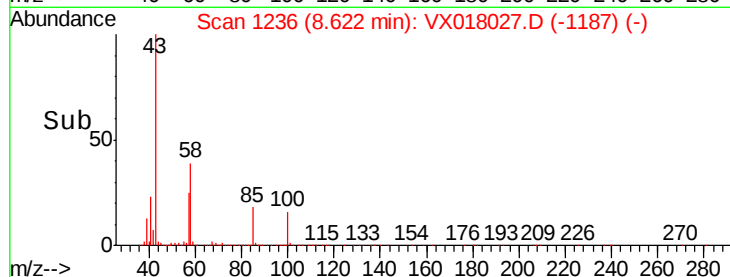
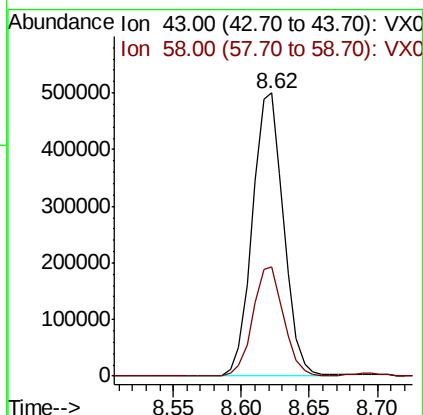
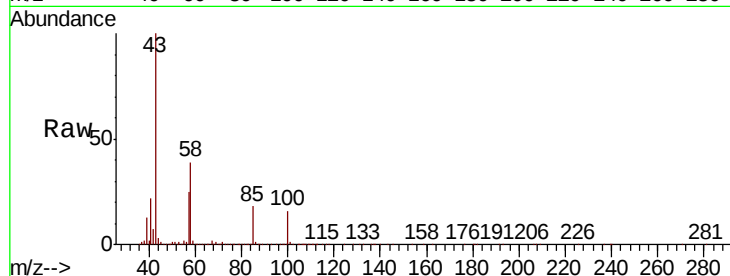




#51
4-Methyl-2-Pentanone
Concen: 91.656 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

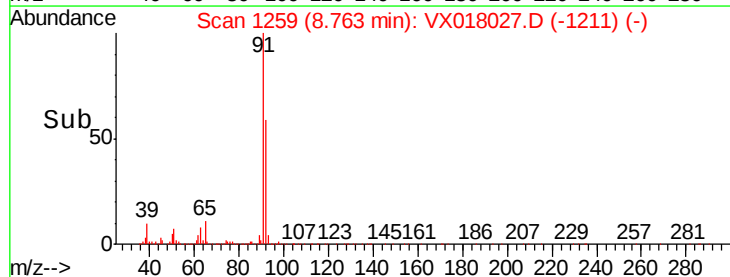
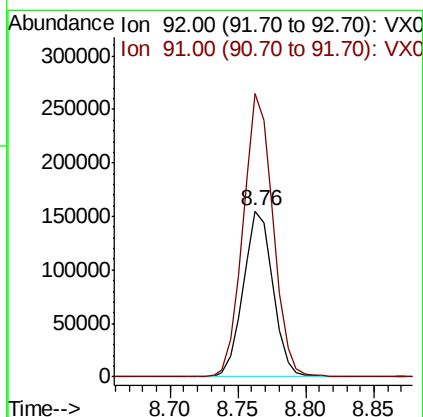
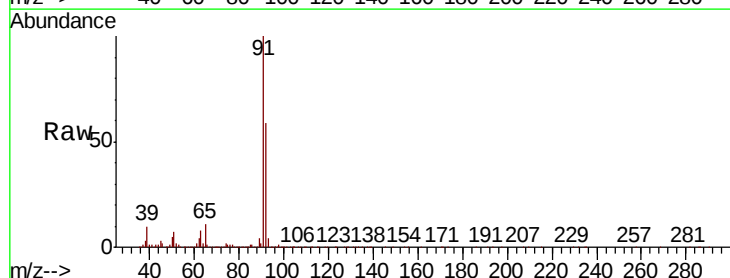
Instrument :
MSVOA_X
ClientSampleID :
VX0820WBSD01

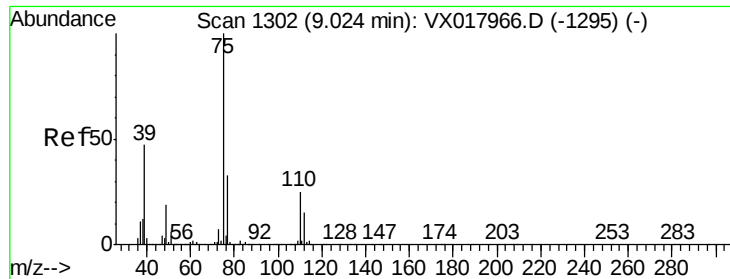
Tot Ion: 43 Resp: 805379
Ion Ratio Lower Upper
43 100
58 38.2 31.0 46.4



#52
Toluene
Concen: 17.787 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion: 92 Resp: 236823
Ion Ratio Lower Upper
92 100
91 171.8 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 17.696 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

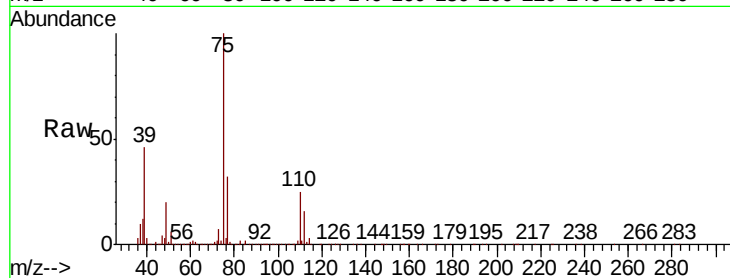
VX0820WBSD01

Tot Ion: 75 Resp: 165348

Ion Ratio Lower Upper

75 100

77 31.9 26.1 39.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

120000

100000

80000

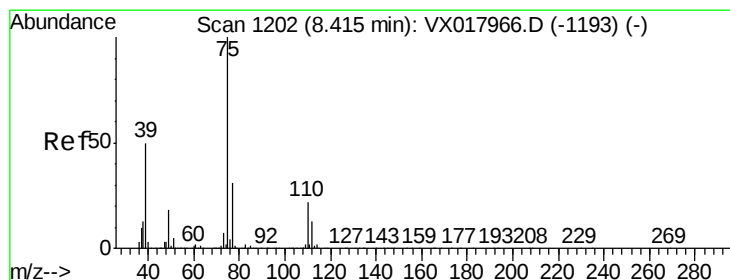
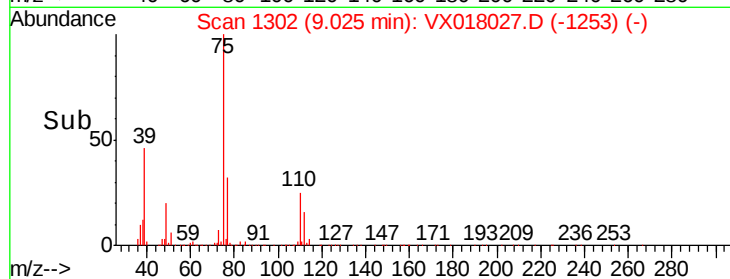
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 17.967 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

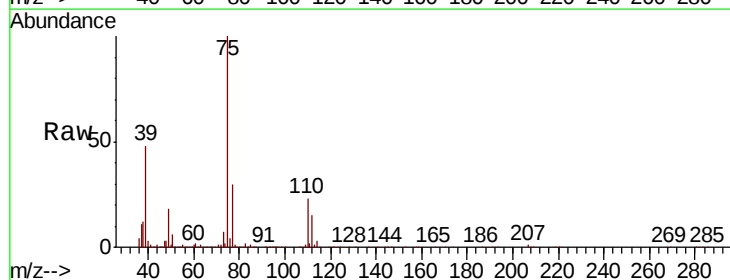
Tgt Ion: 75 Resp: 175046

Ion Ratio Lower Upper

75 100

77 30.2 24.6 36.8

39 47.8 39.7 59.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

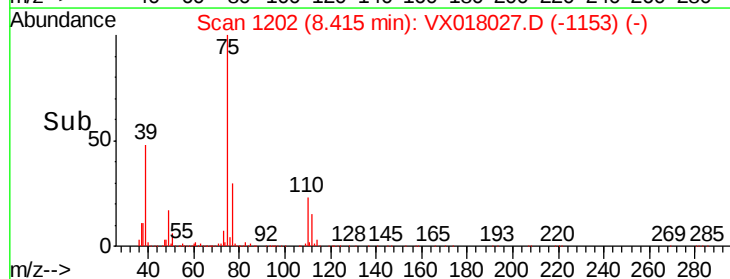
150000

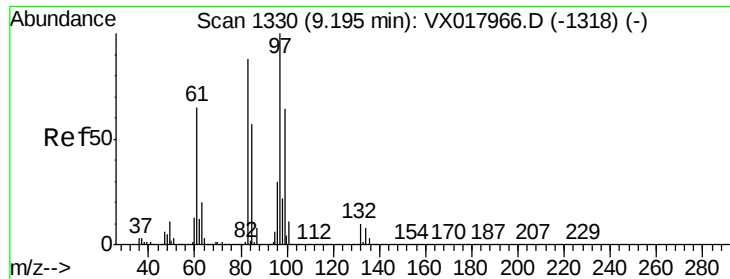
100000

50000

0

Time-->

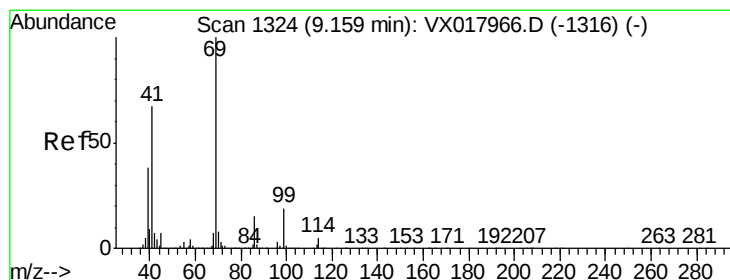
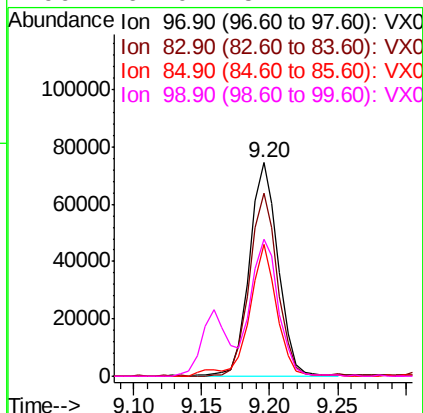
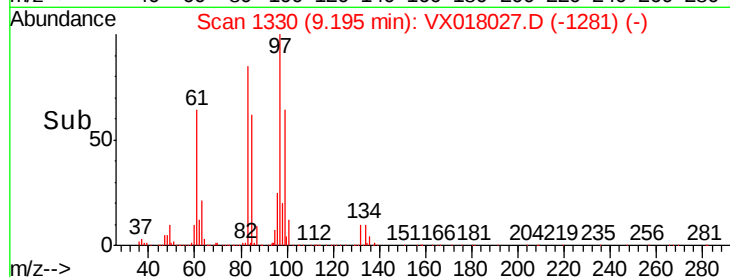
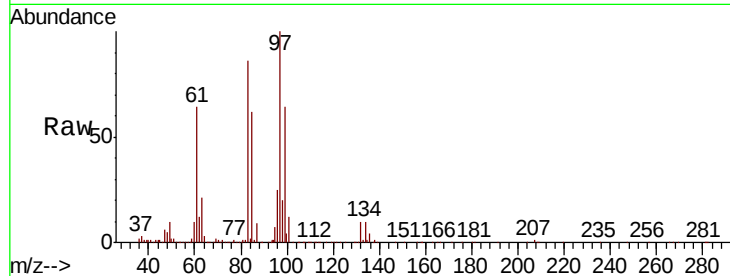




#55
 1,1,2-Trichloroethane
 Concen: 17.996 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

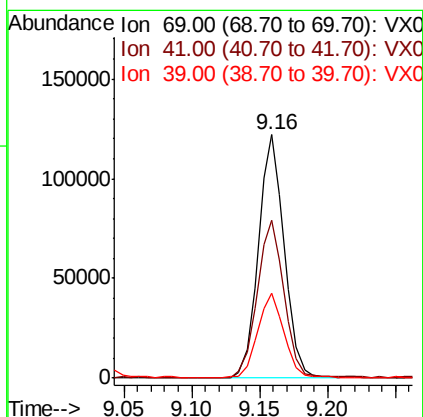
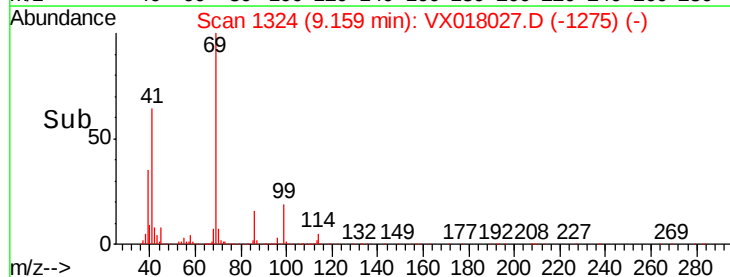
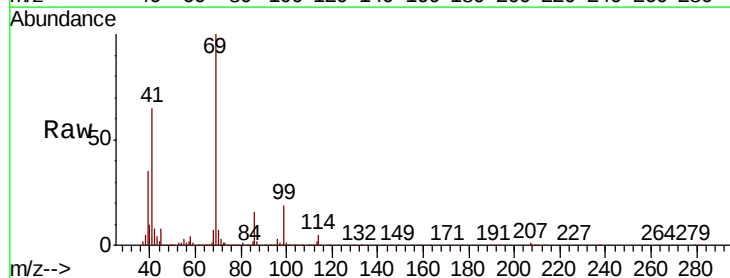
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

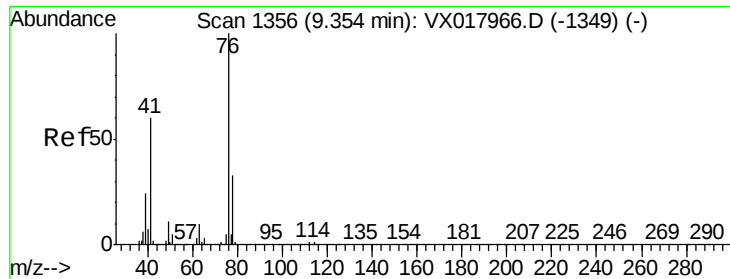
Tot Ion:	97	Resp:	110080
Ion	Ratio	Lower	Upper
97	100		
83	85.4	70.1	105.1
85	61.4	45.8	68.8
99	64.0	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 18.768 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Tgt Ion:	69	Resp:	162310
Ion	Ratio	Lower	Upper
69	100		
41	67.2	52.3	78.5
39	36.0	29.2	43.8





#57

1,3-Dichloropropane

Concen: 18.299 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

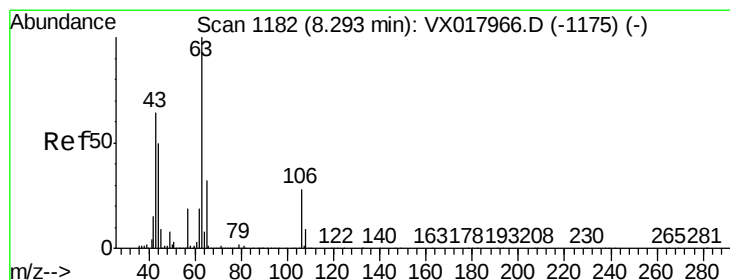
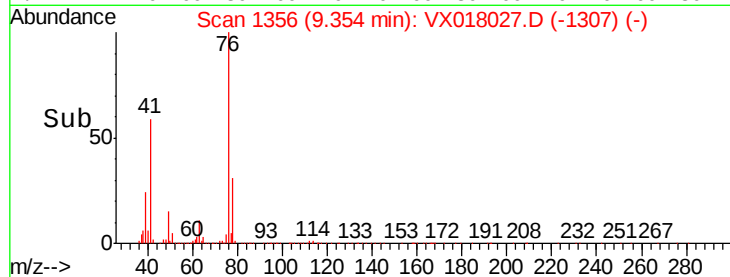
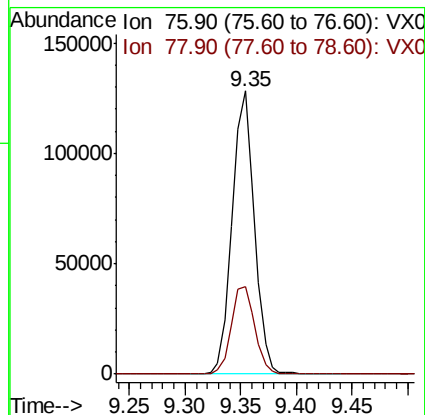
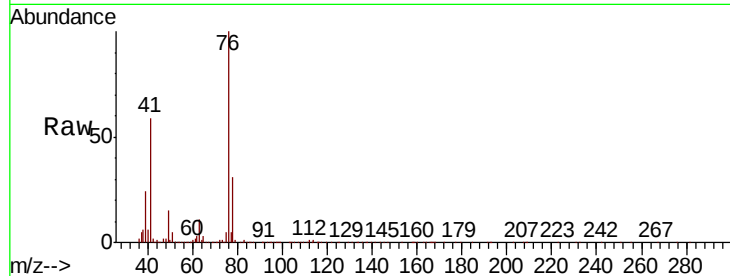
VX0820WBSD01

Tot Ion: 76 Resp: 177767

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 86.751 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018027.D

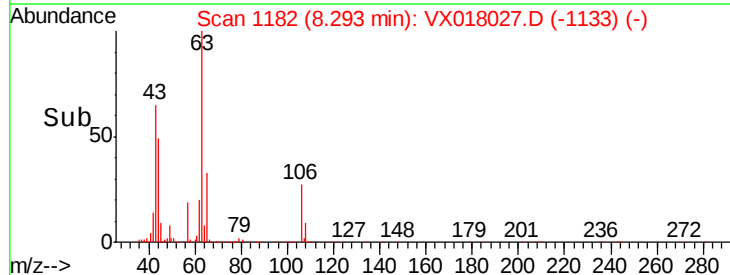
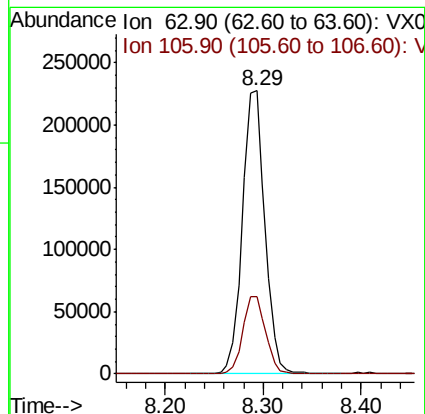
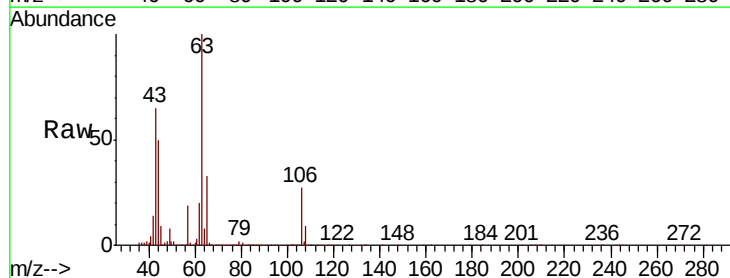
Acq: 20 Aug 2020 12:16

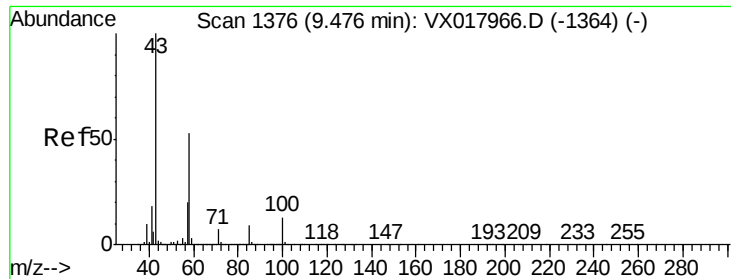
Tgt Ion: 63 Resp: 363317

Ion Ratio Lower Upper

63 100

106 27.6 23.0 34.4

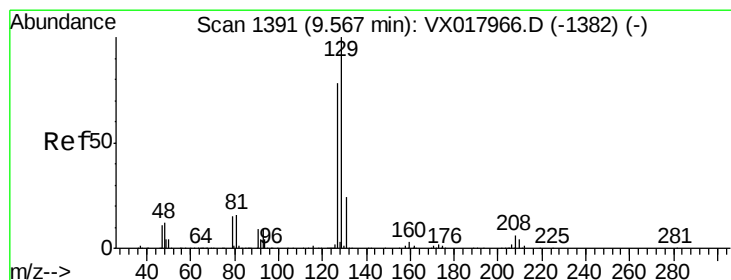
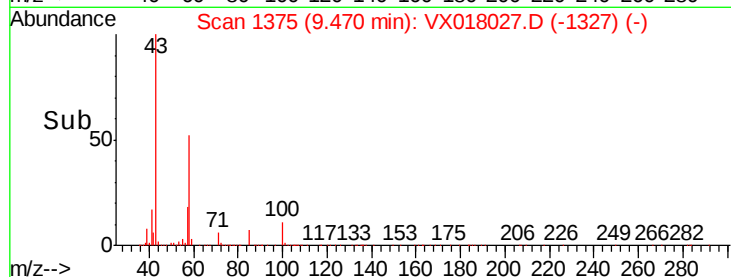
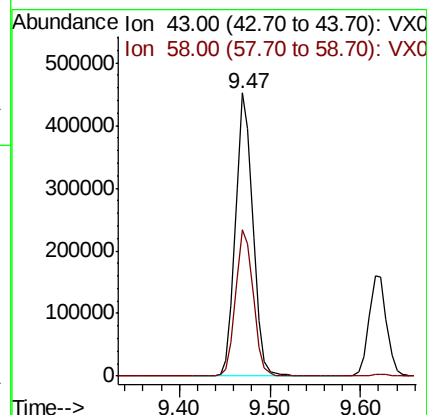
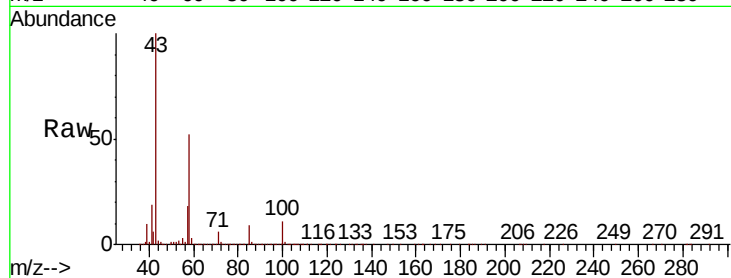




#59
2-Hexanone
Concen: 90.484 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

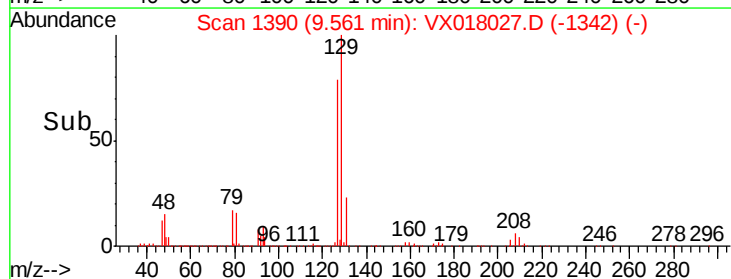
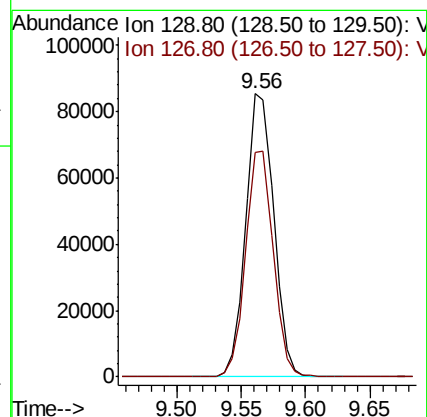
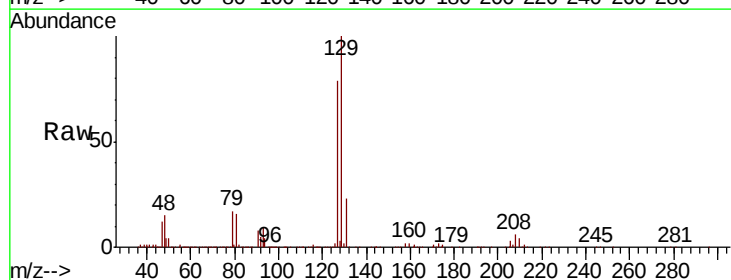
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

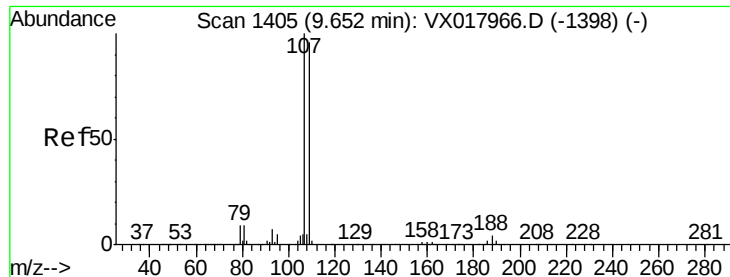
Tot Ion: 43 Resp: 602460
Ion Ratio Lower Upper
43 100
58 52.3 26.4 79.0



#60
Dibromochloromethane
Concen: 16.795 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion: 129 Resp: 128307
Ion Ratio Lower Upper
129 100
127 79.0 39.5 118.3





#61

1,2-Dibromoethane

Concen: 16.977 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

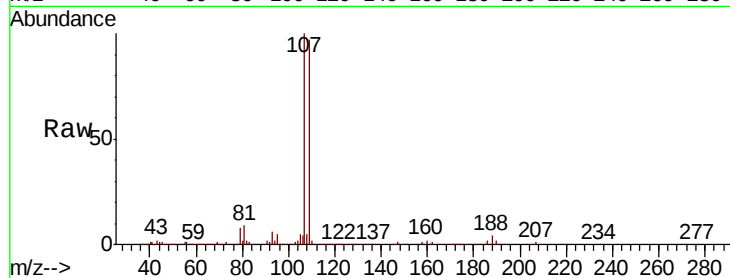
VX0820WBSD01

Tot Ion:107 Resp: 115023

Ion Ratio Lower Upper

107 100

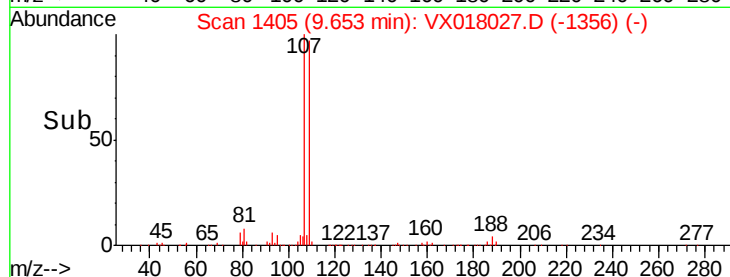
109 97.0 75.5 113.3



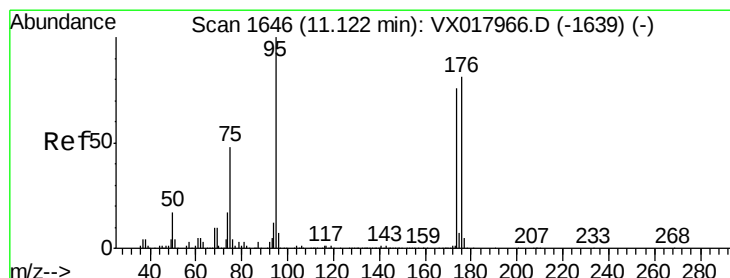
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65



Time-->



#62

4-Bromofluorobenzene

Concen: 48.955 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

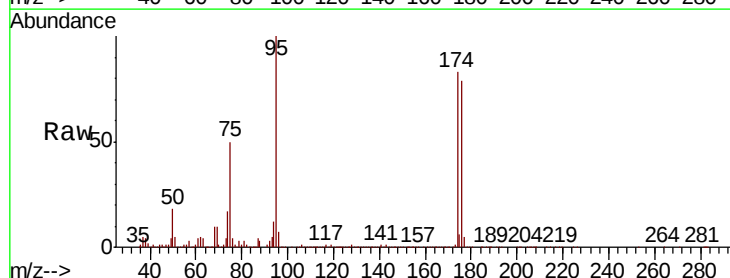
Tgt Ion: 95 Resp: 384216

Ion Ratio Lower Upper

95 100

174 80.3 0.0 166.0

176 78.4 0.0 161.0

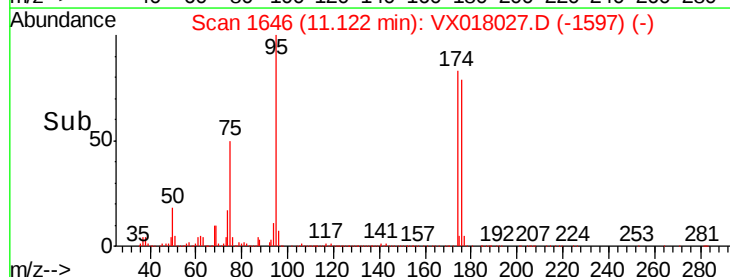


Abundance Ion 94.90 (94.60 to 95.60): VX0

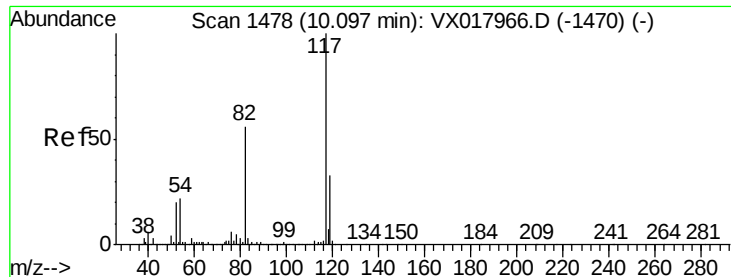
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12



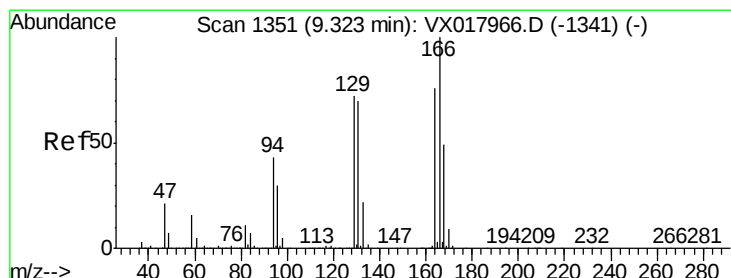
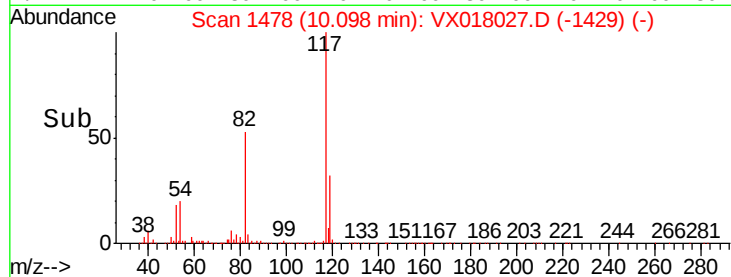
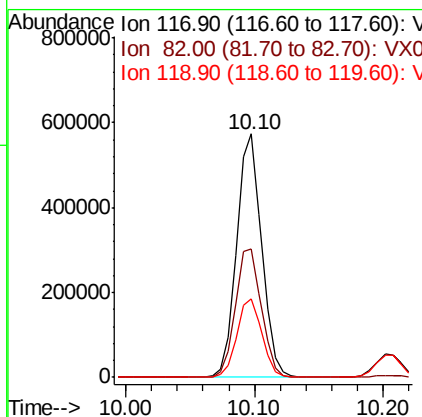
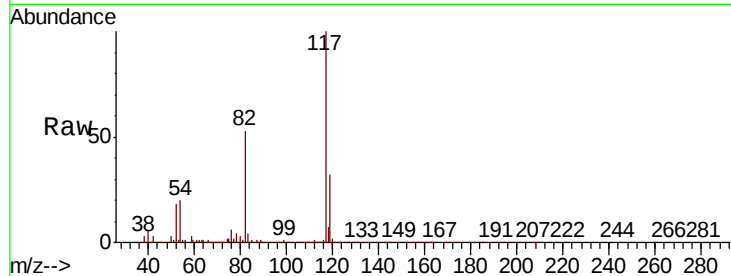
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

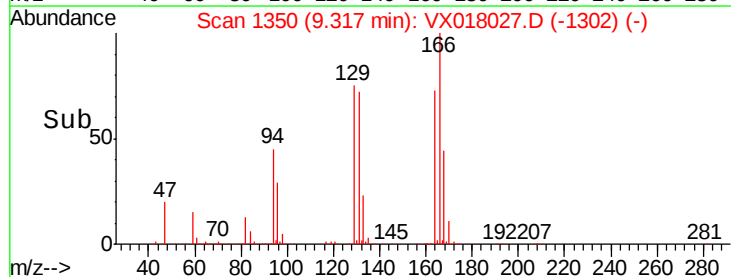
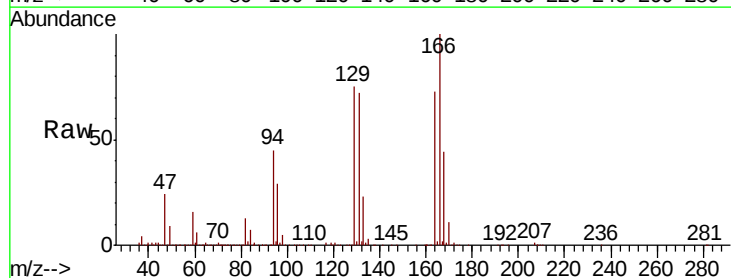
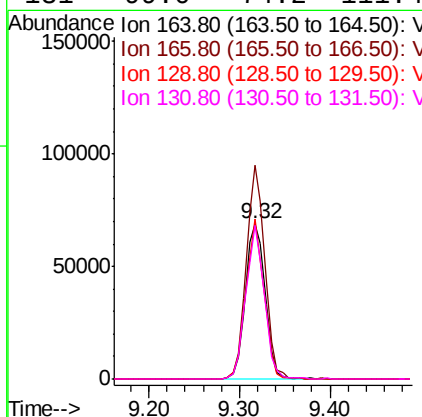
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

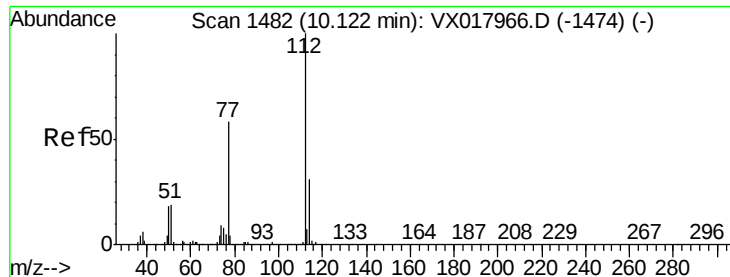
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	44.6	66.8
119	32.0	26.2	39.4



#64
Tetrachloroethene
Concen: 17.580 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	137.6	105.7	158.5
129	103.1	75.8	113.8
131	99.0	74.2	111.4





#65

Chlorobenzene

Concen: 18.159 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

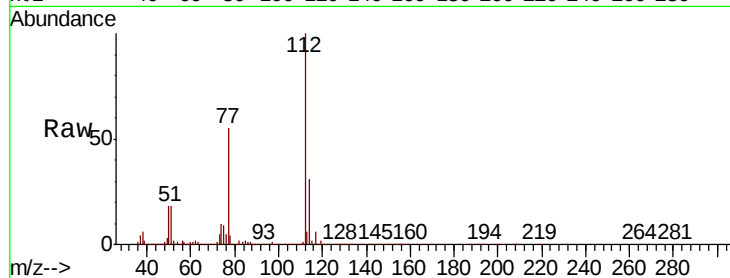
VX0820WBSD01

Tot Ion:112 Resp: 278107

Ion Ratio Lower Upper

112 100

114 30.7 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

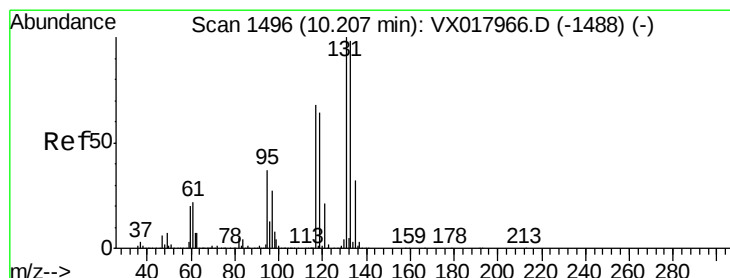
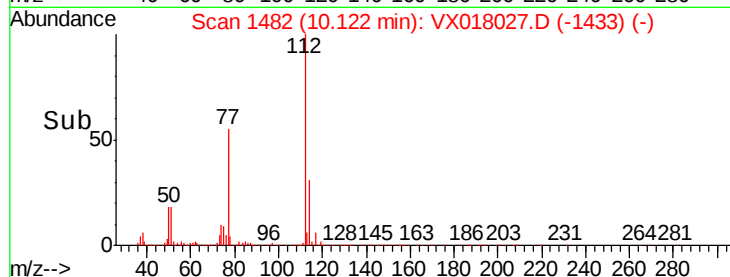
100000

50000

0

10.10 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 17.623 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

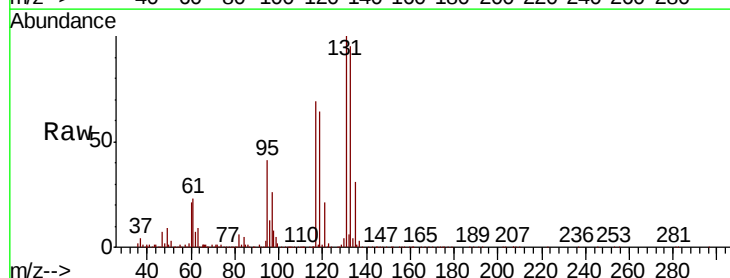
Tgt Ion:131 Resp: 114173

Ion Ratio Lower Upper

131 100

133 96.2 48.4 145.3

119 63.0 31.6 94.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

250000

200000

150000

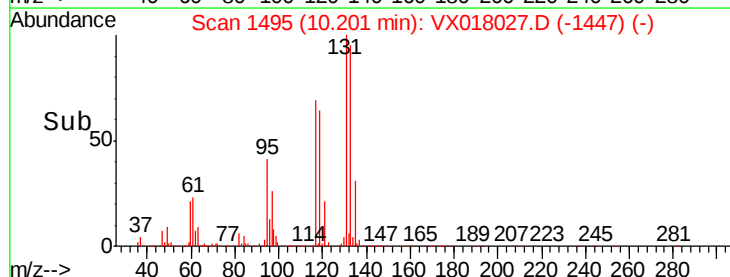
100000

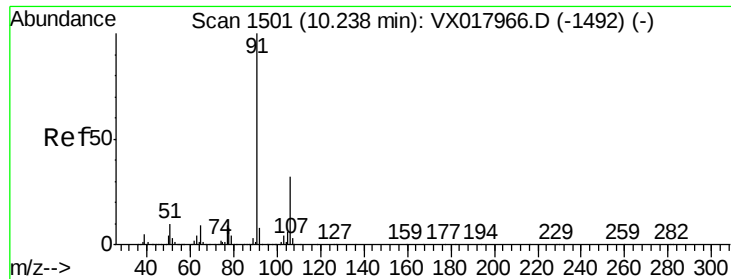
50000

0

10.10 10.20

Time-->

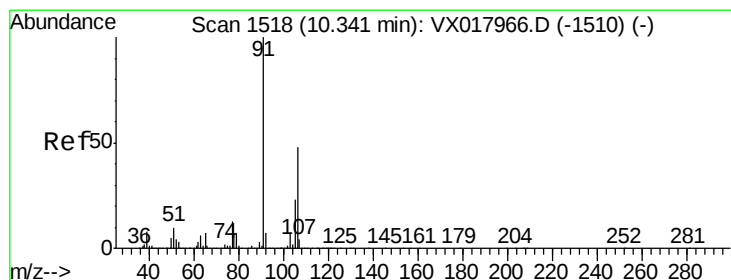
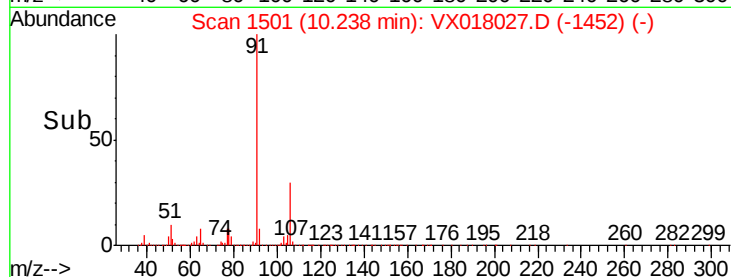
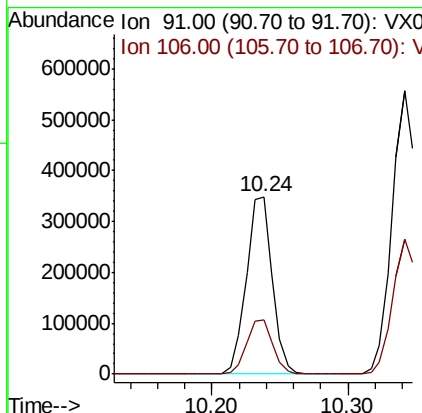
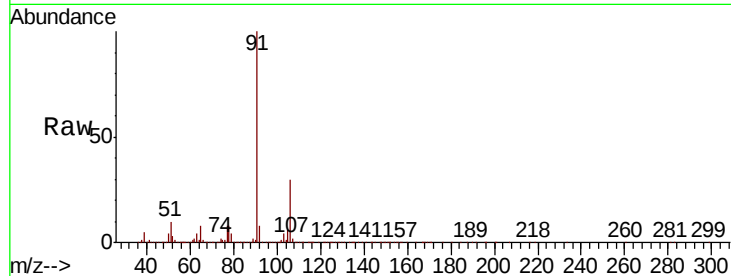




#67
Ethyl Benzene
Concen: 18.429 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

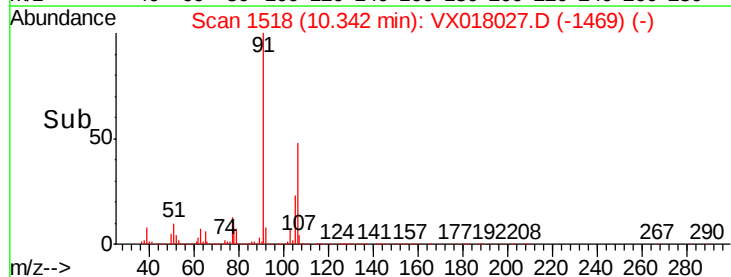
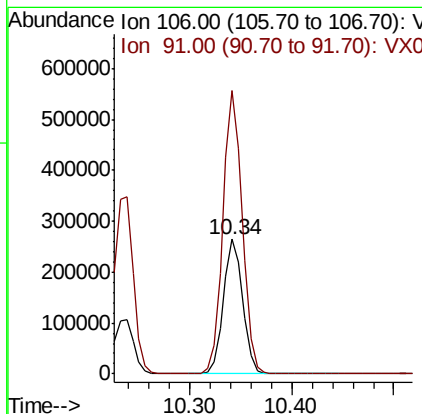
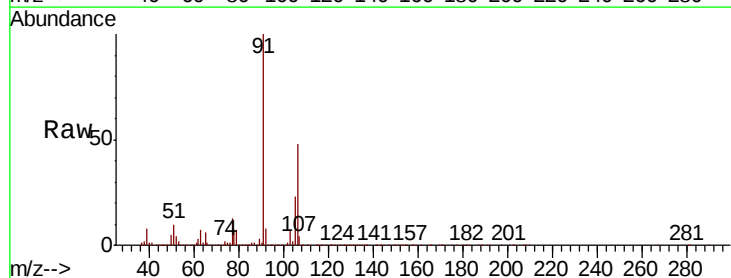
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

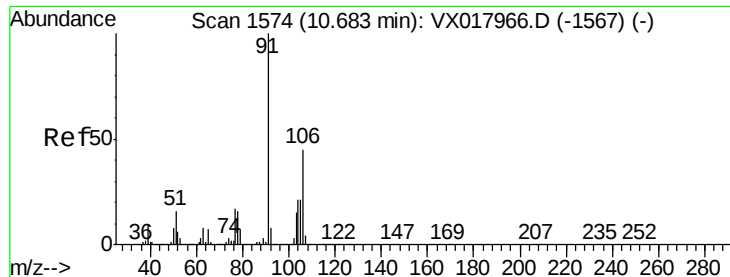
Tot Ion: 91 Resp: 465297
Ion Ratio Lower Upper
91 100
106 30.3 25.4 38.0



#68
m/p-Xylenes
Concen: 35.784 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion: 106 Resp: 347819
Ion Ratio Lower Upper
106 100
91 210.8 167.4 251.2

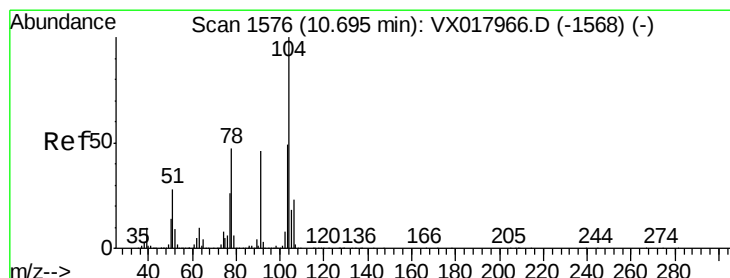
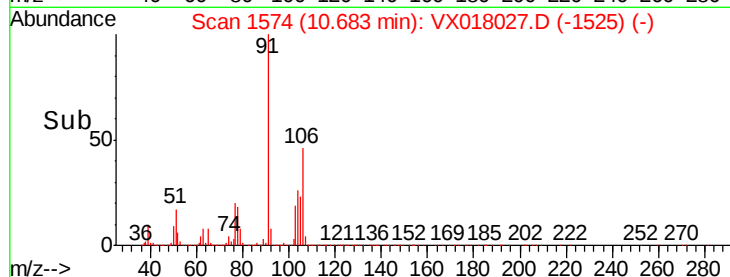
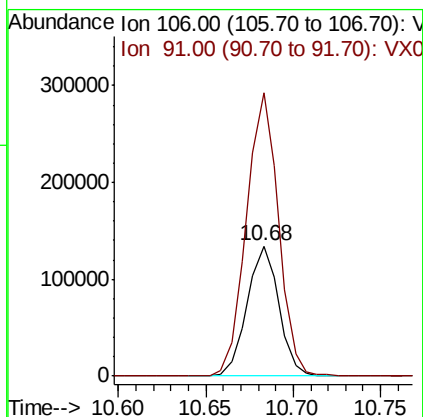
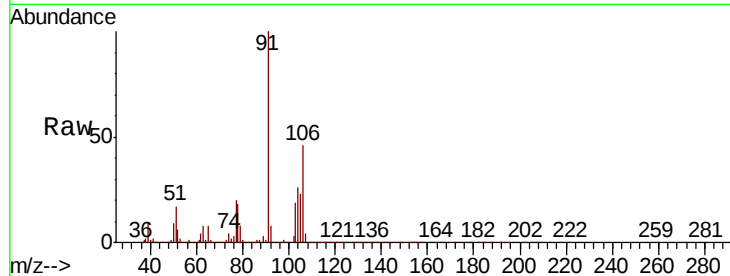




#69
o-Xylene
Concen: 18.169 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

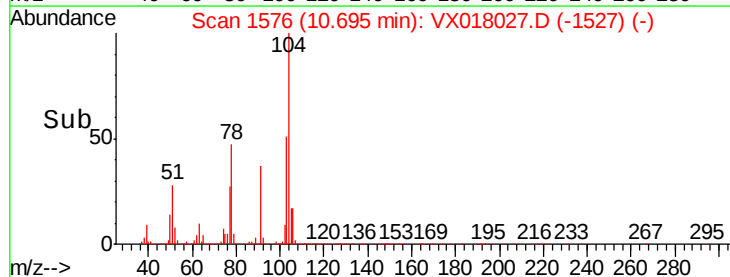
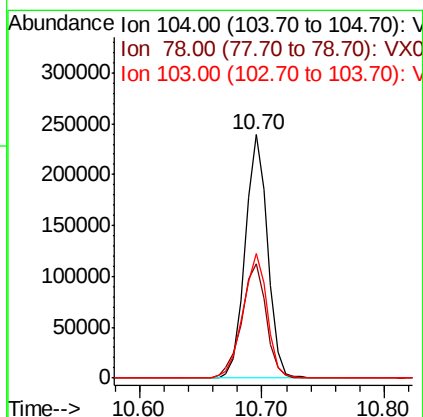
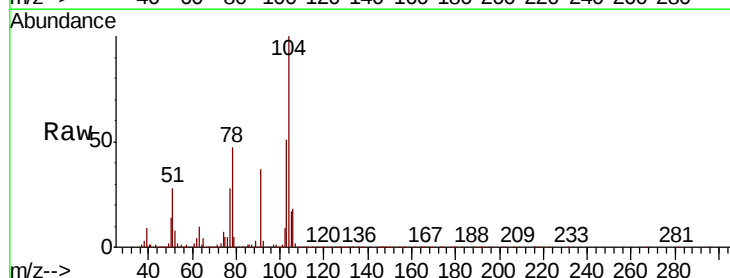
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

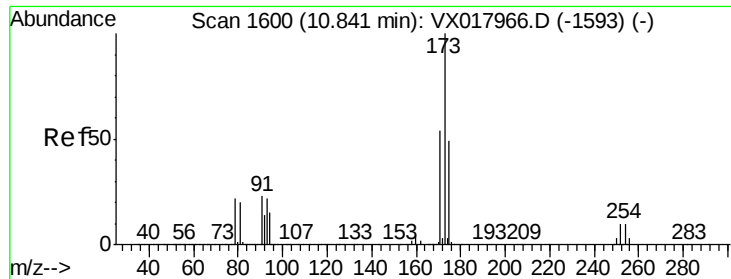
Tot Ion:106 Resp: 170304
Ion Ratio Lower Upper
106 100
91 218.8 108.1 324.2



#70
Styrene
Concen: 18.831 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion:104 Resp: 304520
Ion Ratio Lower Upper
104 100
78 50.6 41.3 61.9
103 55.1 42.9 64.3





#71

Bromoform

Concen: 16.922 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

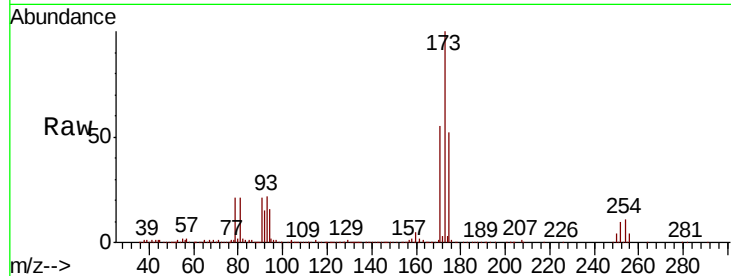
Tot Ion:173 Resp: 98400

Ion Ratio Lower Upper

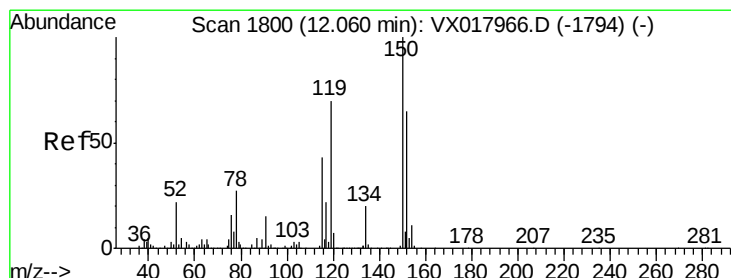
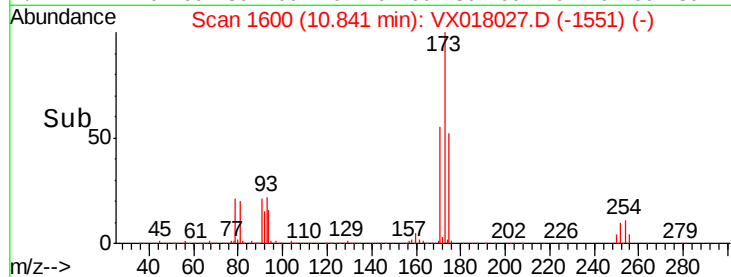
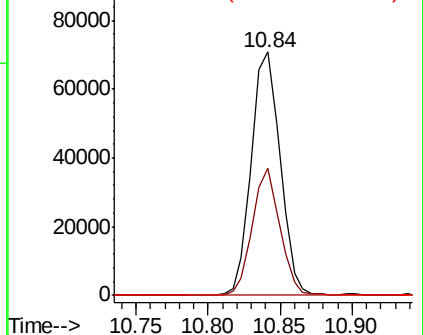
173 100

175 49.7 24.4 73.2

254 0.1 0.2 0.2#



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: VX018027.D

Acq: 20 Aug 2020 12:16

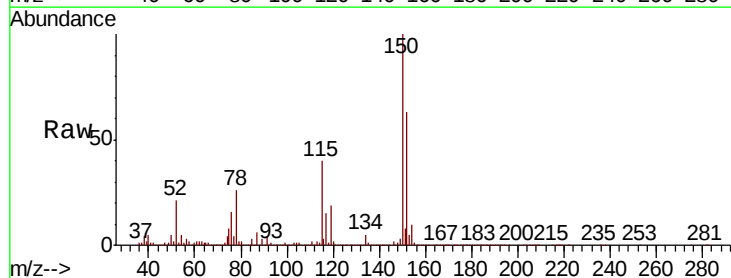
Tgt Ion:152 Resp: 396947

Ion Ratio Lower Upper

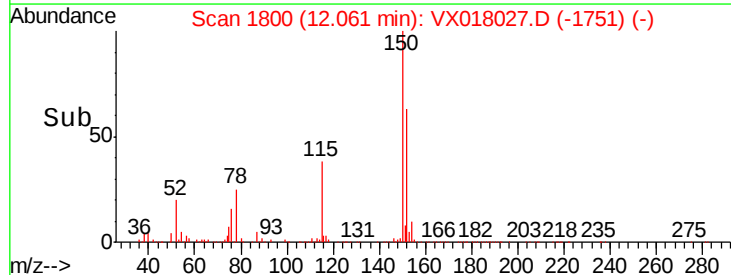
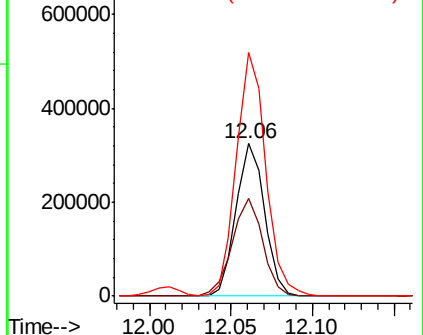
152 100

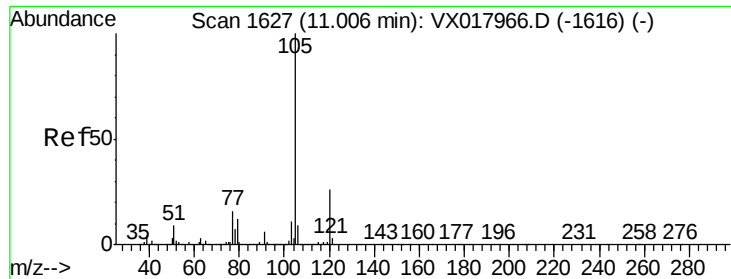
115 68.2 40.6 121.7

150 163.9 0.0 346.4



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





#73

Isopropylbenzene

Concen: 18.439 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

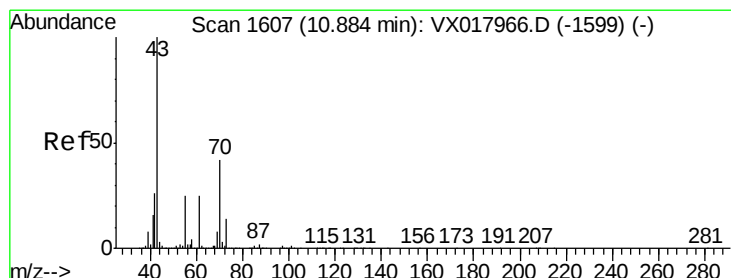
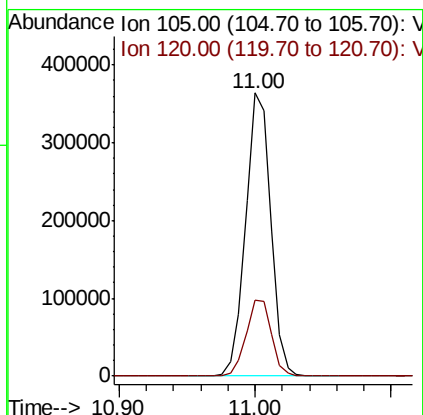
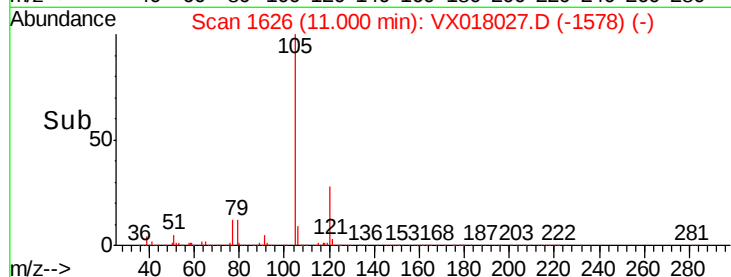
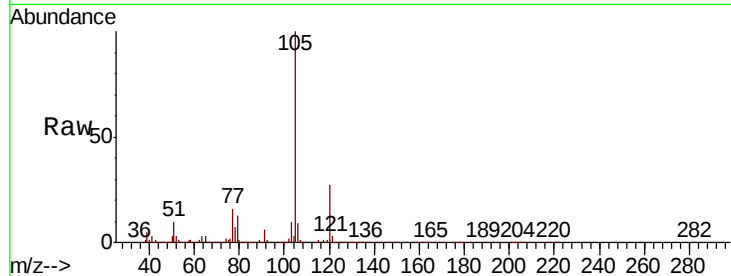
VX0820WBSD01

Tot Ion:105 Resp: 471109

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



#74

N-ethyl acetate

Concen: 19.136 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Tgt Ion: 43 Resp: 217463

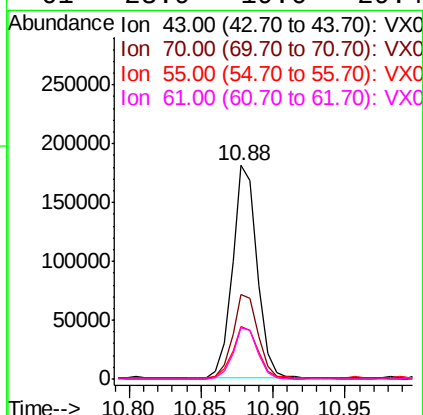
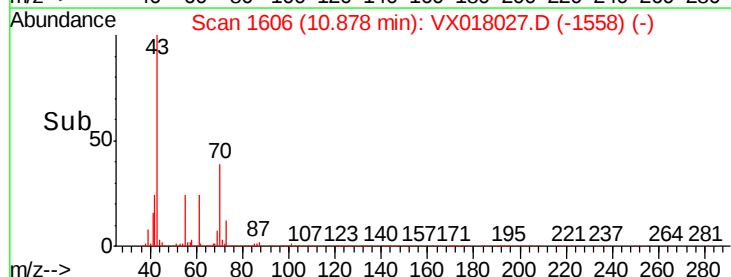
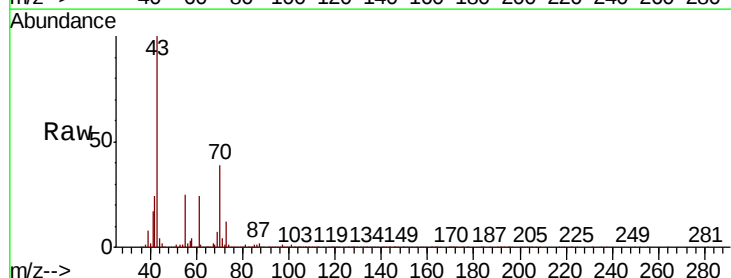
Ion Ratio Lower Upper

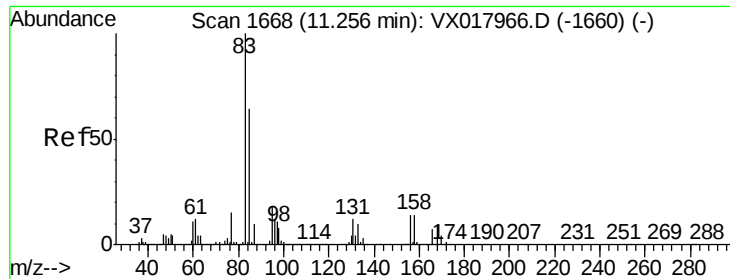
43 100

70 40.5 32.9 49.3

55 24.5 19.3 28.9

61 23.9 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.791 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

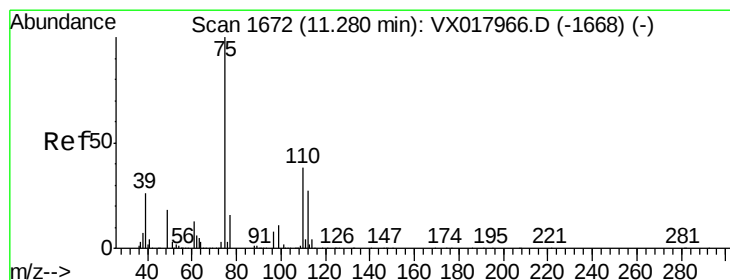
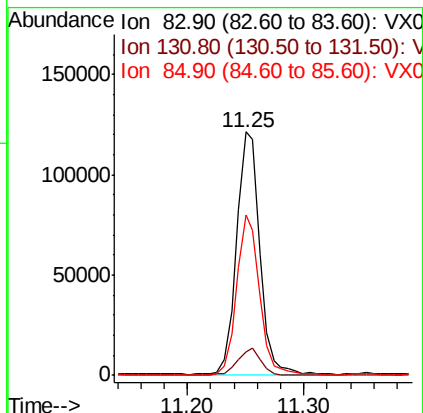
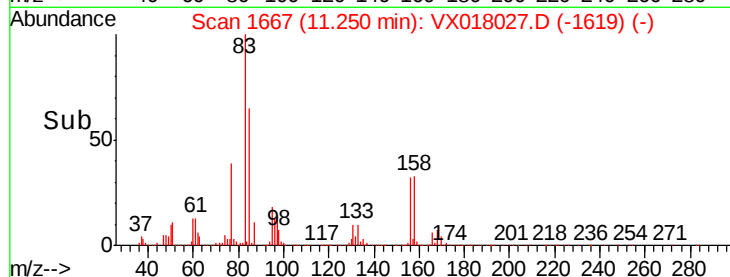
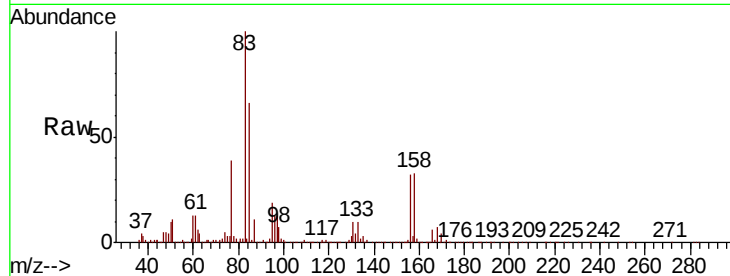
Tot Ion: 83 Resp: 167484

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.0

85 64.4 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 24.110 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018027.D

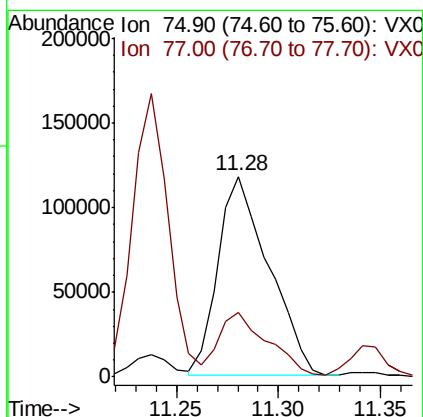
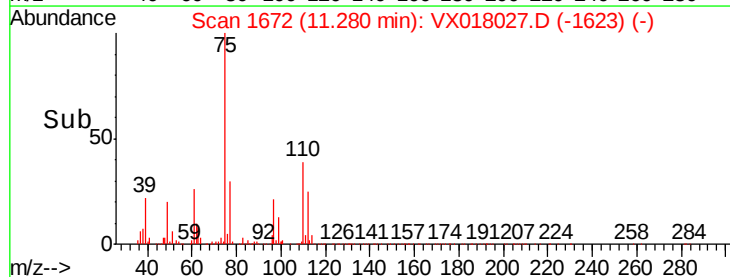
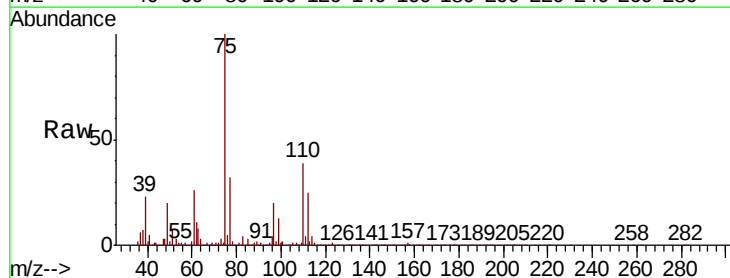
Acq: 20 Aug 2020 12:16

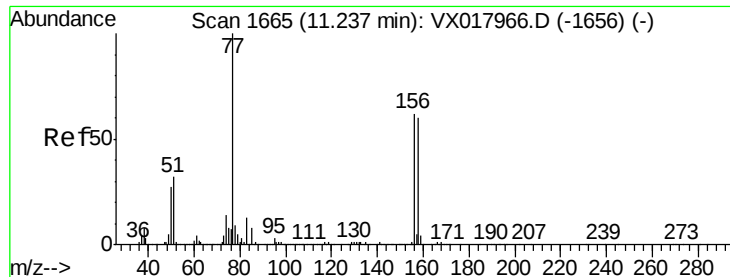
Tgt Ion: 75 Resp: 203527

Ion Ratio Lower Upper

75 100

77 31.0 21.1 63.1





#77

Bromobenzene

Concen: 18.777 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

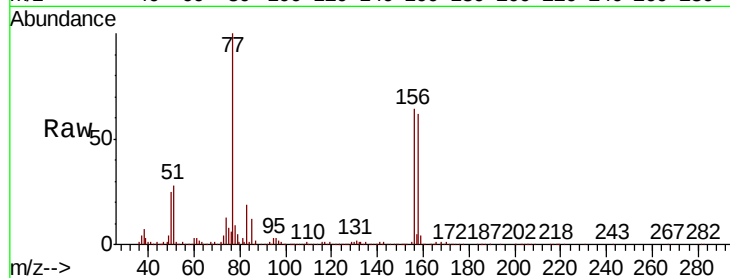
Tot Ion:156 Resp: 133102

Ion Ratio Lower Upper

156 100

77 154.3 78.0 234.0

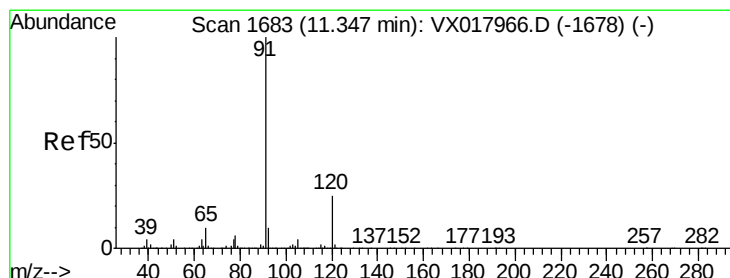
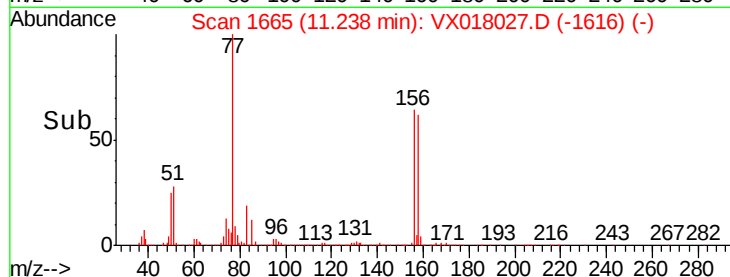
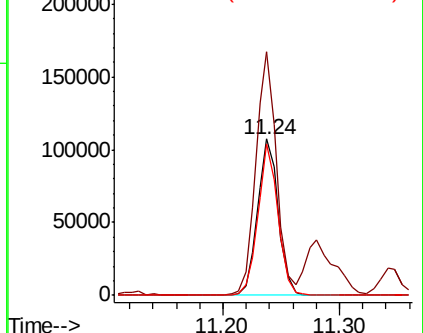
158 93.6 49.2 147.6



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: 17.680 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018027.D

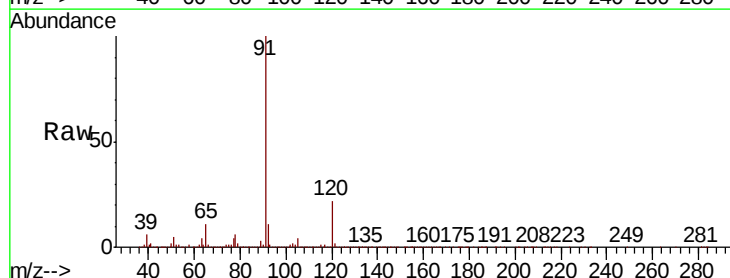
Acq: 20 Aug 2020 12:16

Tgt Ion: 91 Resp: 528334

Ion Ratio Lower Upper

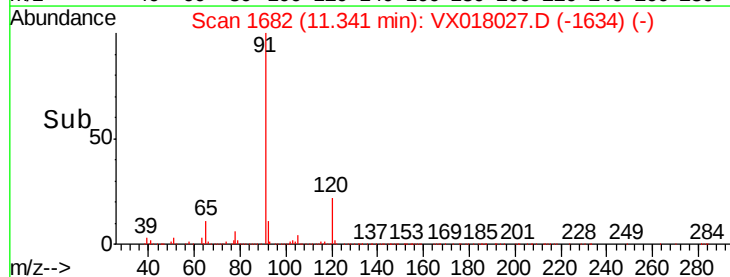
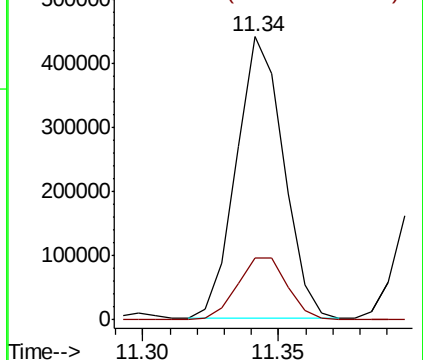
91 100

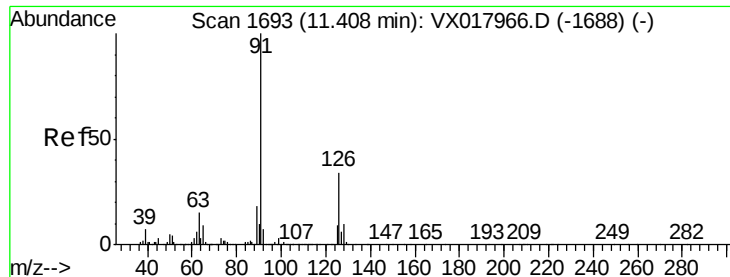
120 23.4 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

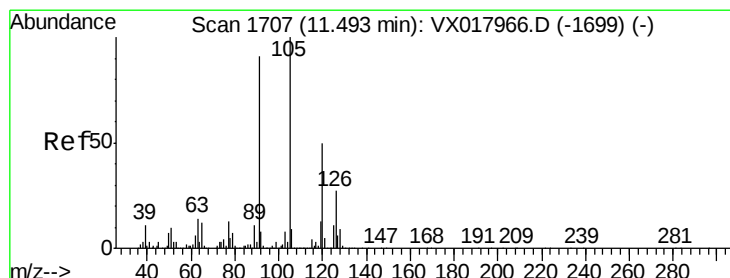
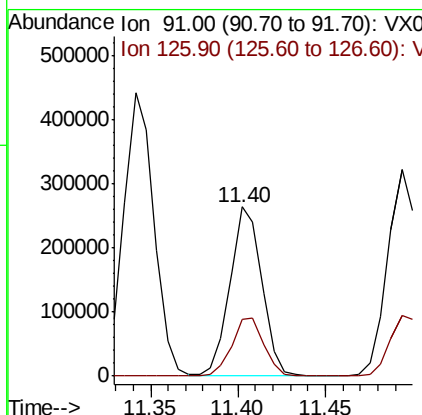
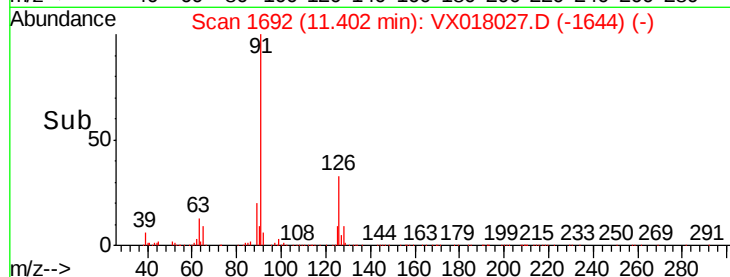
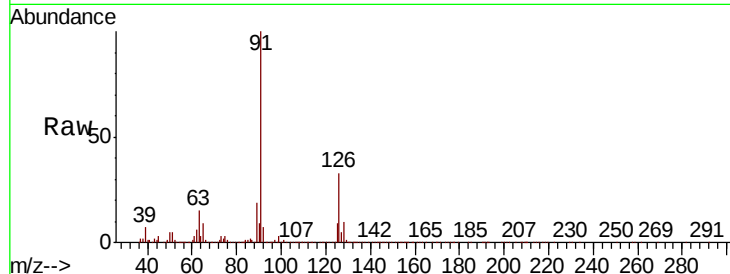




#79
2-Chlorotoluene
Concen: 18.245 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

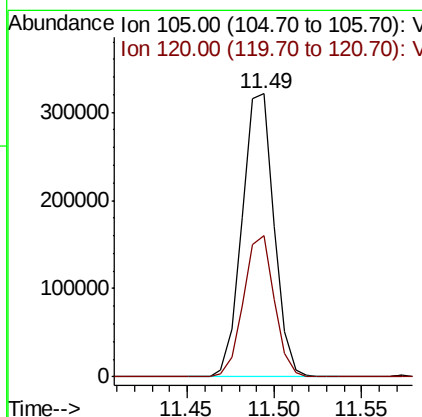
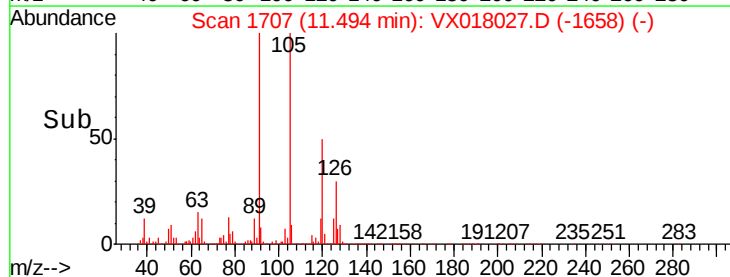
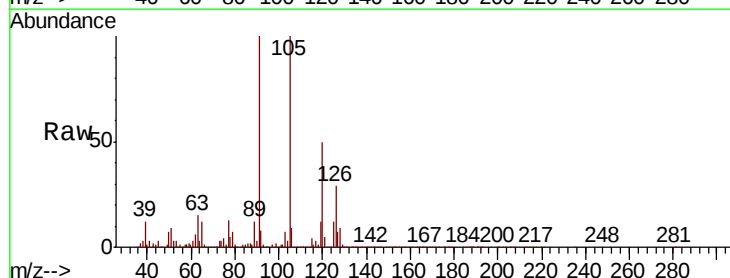
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

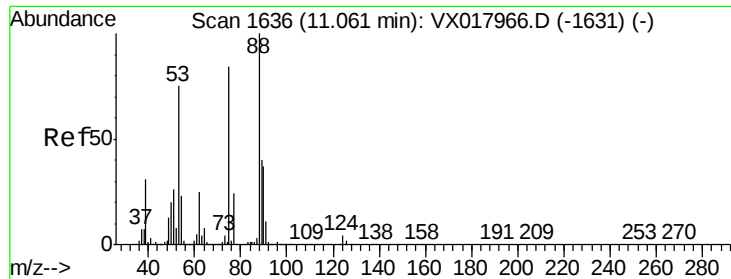
Tot Ion: 91 Resp: 332276
Ion Ratio Lower Upper
91 100
126 35.0 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 18.077 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion: 105 Resp: 405420
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.418 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

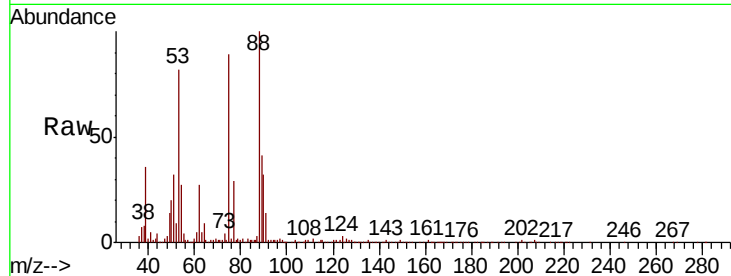
Tot Ion: 75 Resp: 59182

Ion Ratio Lower Upper

75 100

53 94.3 75.2 112.8

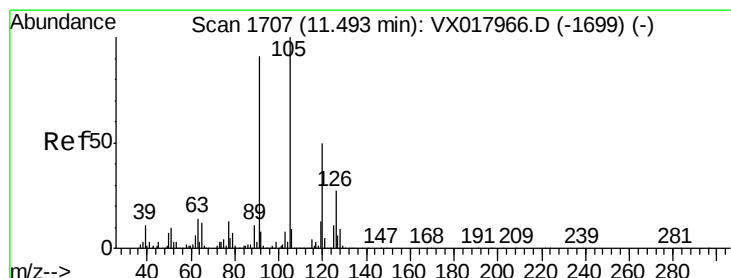
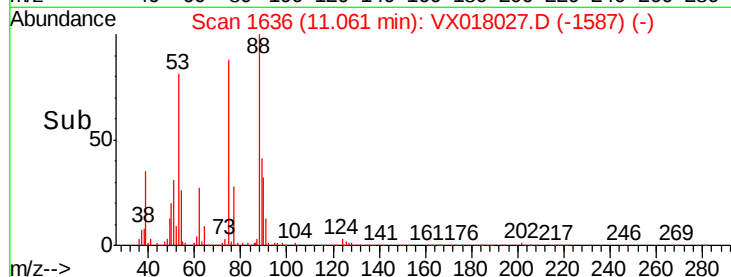
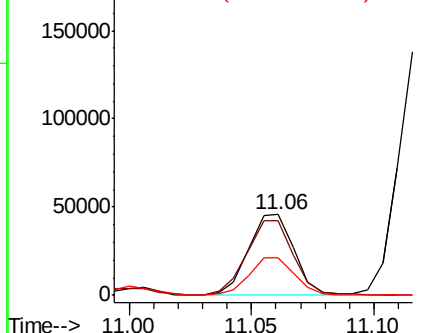
89 48.2 38.4 57.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.482 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018027.D

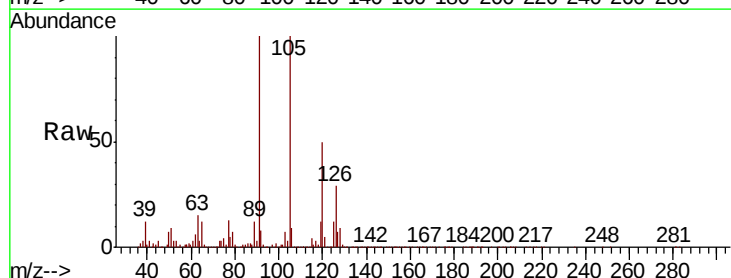
Acq: 20 Aug 2020 12:16

Tgt Ion: 91 Resp: 395822

Ion Ratio Lower Upper

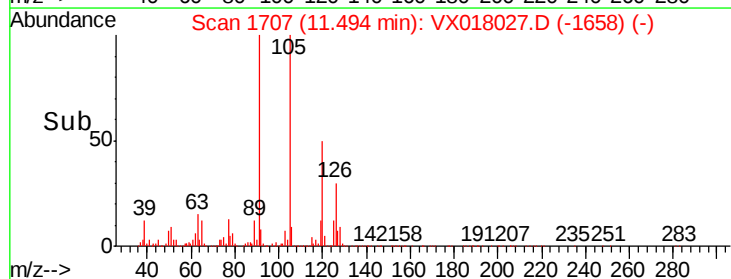
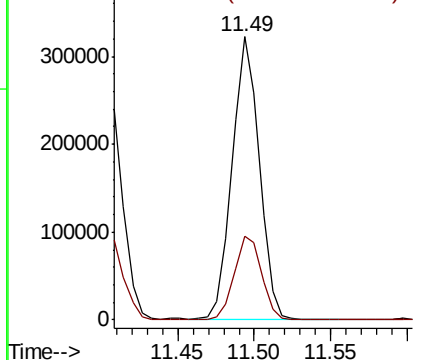
91 100

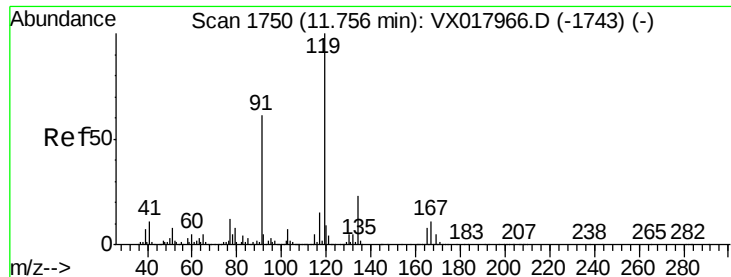
126 29.9 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.110 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

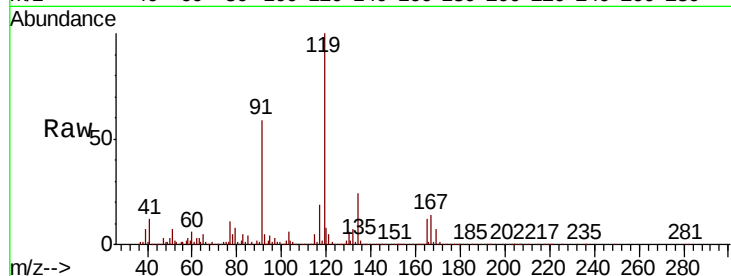
Tot Ion:119 Resp: 383564

Ion Ratio Lower Upper

119 100

91 57.8 30.1 90.5

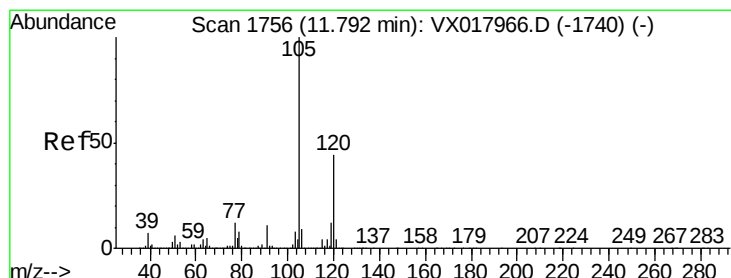
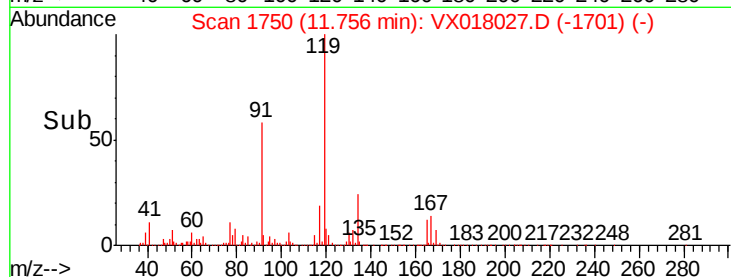
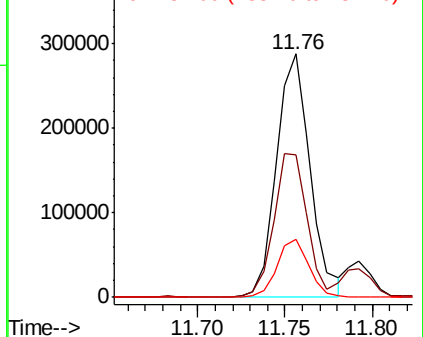
134 22.5 11.1 33.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.571 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018027.D

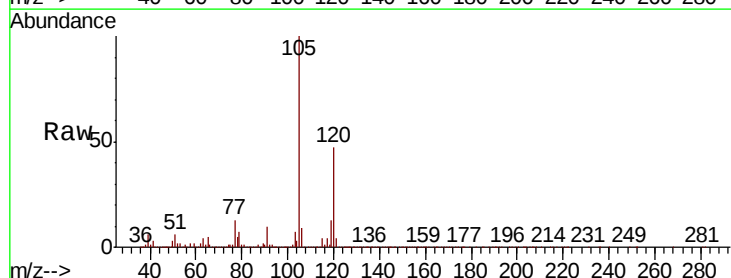
Acq: 20 Aug 2020 12:16

Tgt Ion:105 Resp: 407970

Ion Ratio Lower Upper

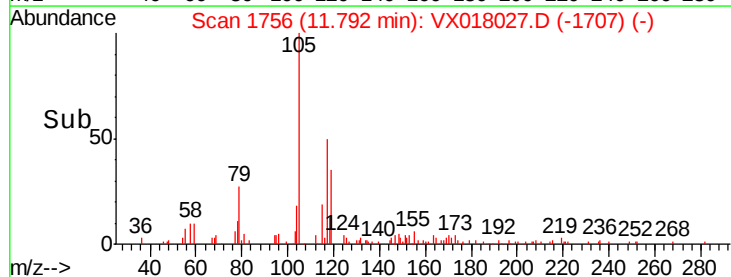
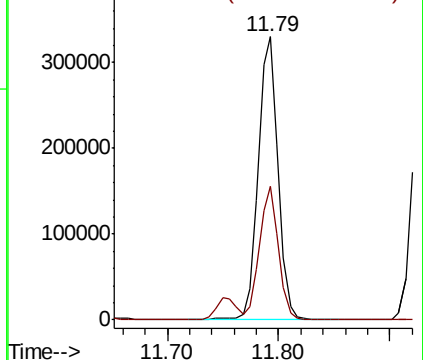
105 100

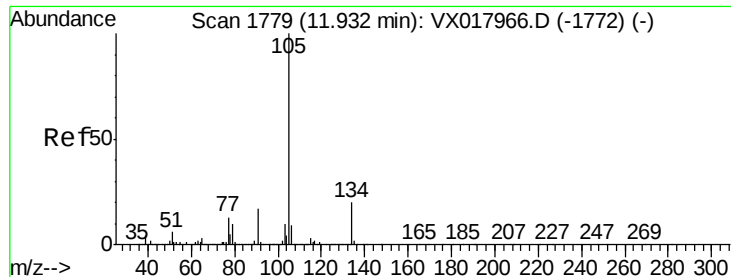
120 45.2 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

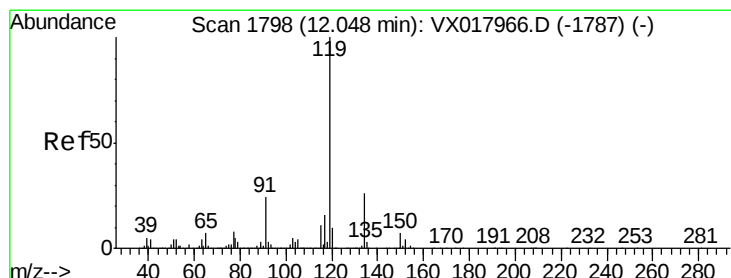
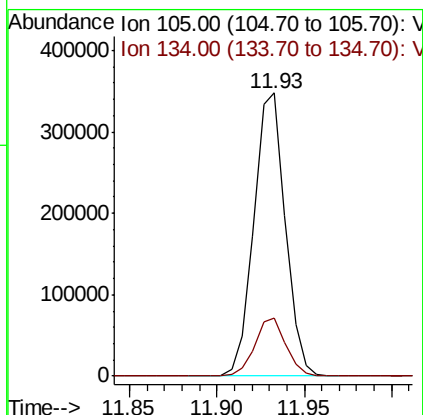
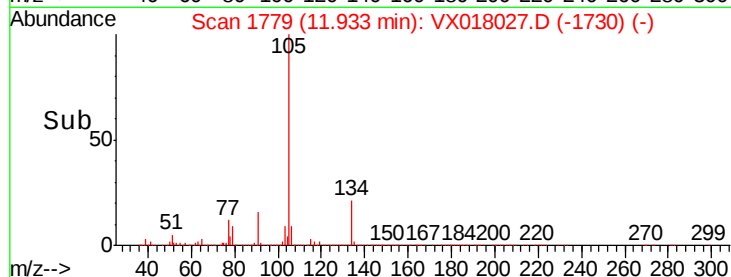
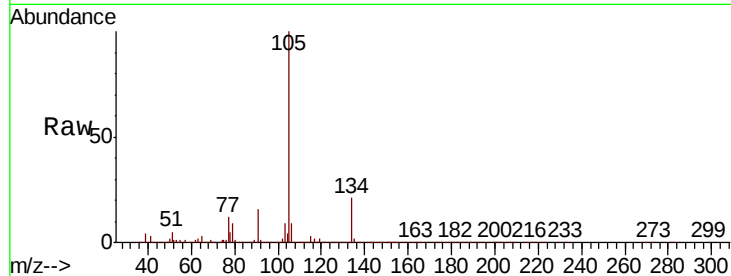




#85
 sec-Butylbenzene
 Concen: 16.933 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

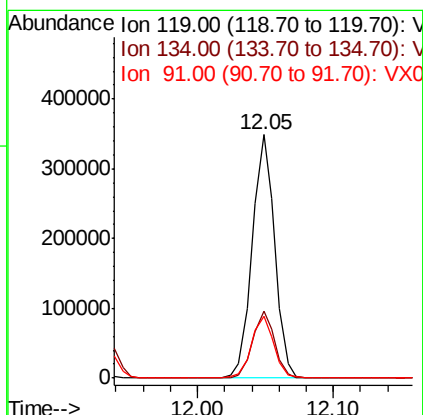
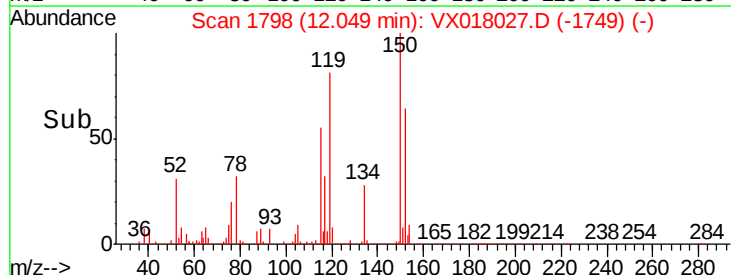
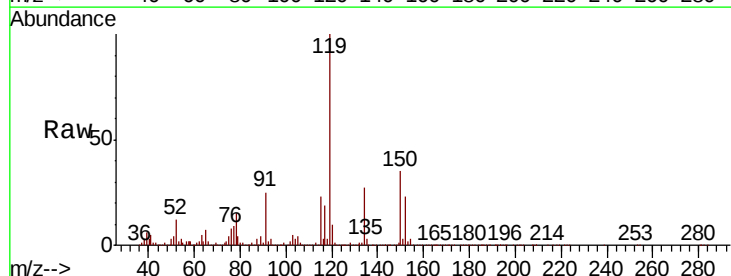
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

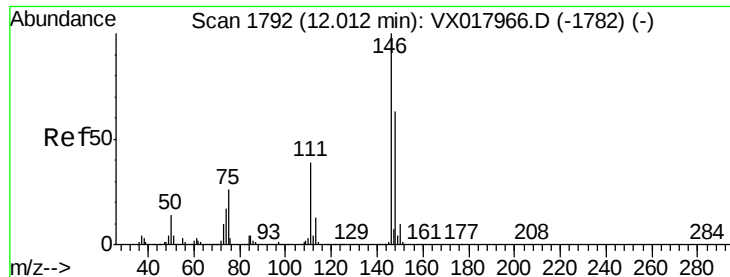
Tot Ion:105 Resp: 432915
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 17.005 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Tgt Ion:119 Resp: 404427
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.7 38.0
 91 25.1 12.2 36.4

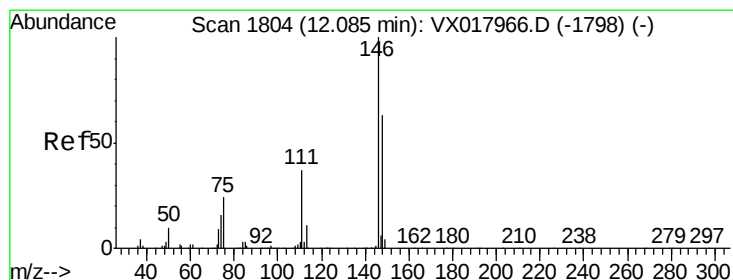
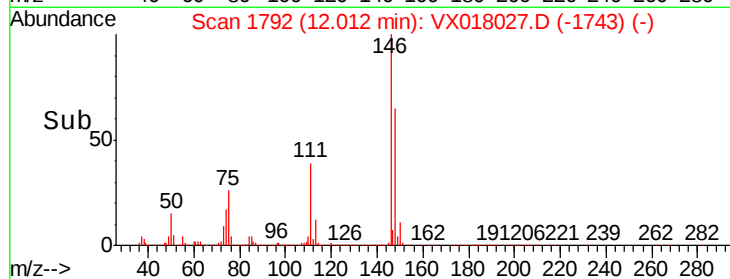
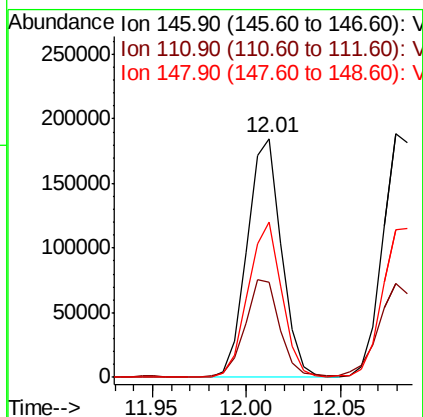
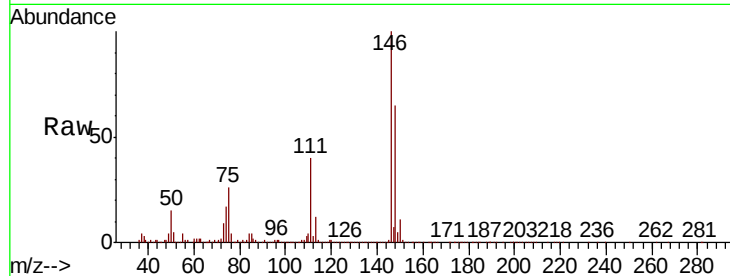




#87
 1,3-Dichlorobenzene
 Concen: 18.061 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

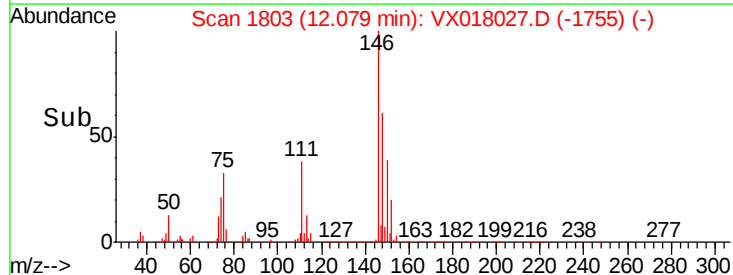
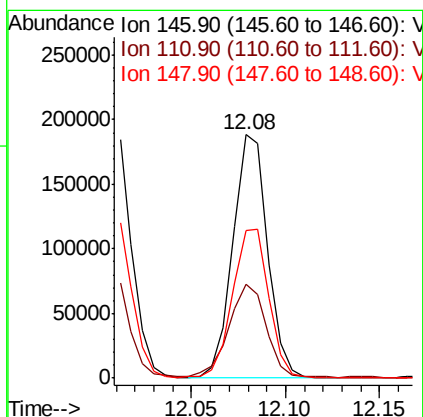
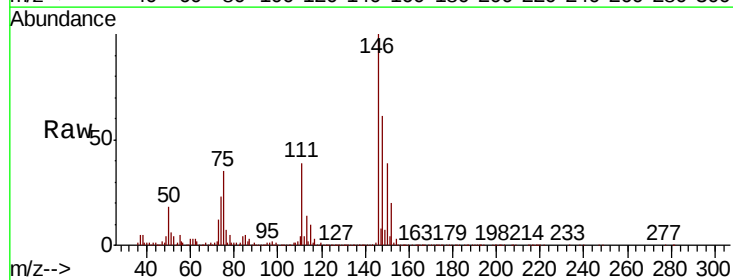
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

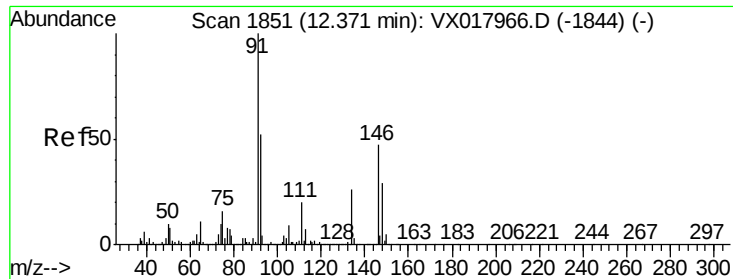
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.1	60.3
148	63.6	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 19.076 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	19.7	59.1
148	64.1	31.9	95.7

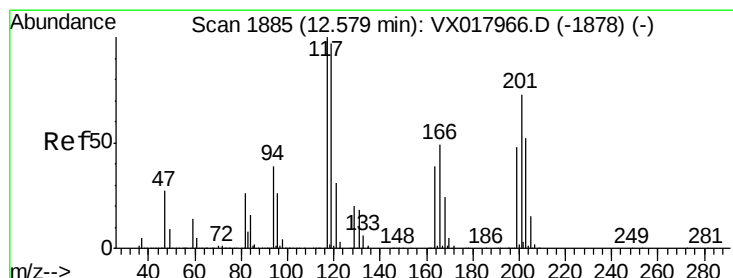
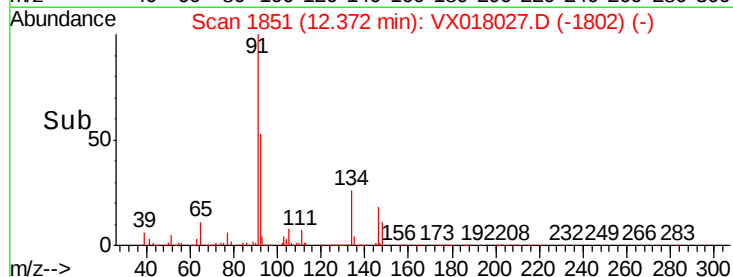
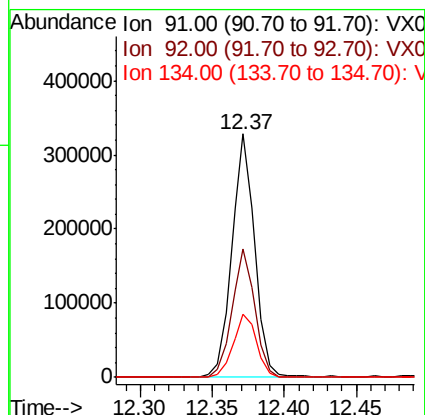
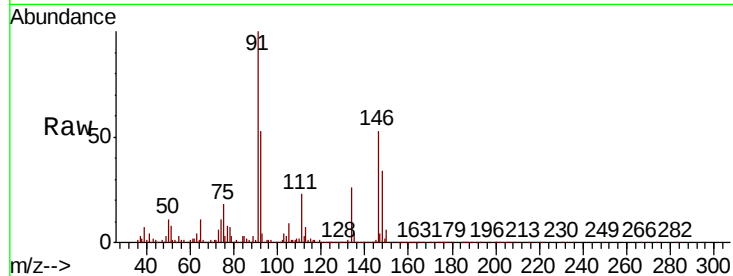




#89
n-Butylbenzene
Concen: 18.365 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

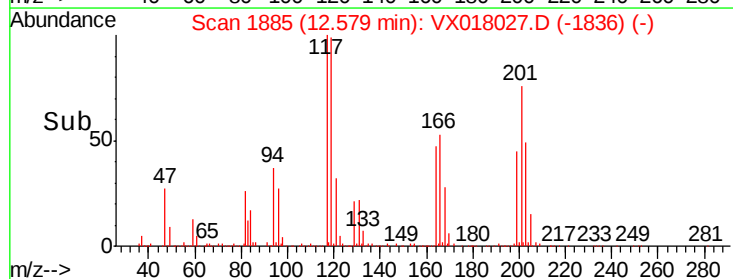
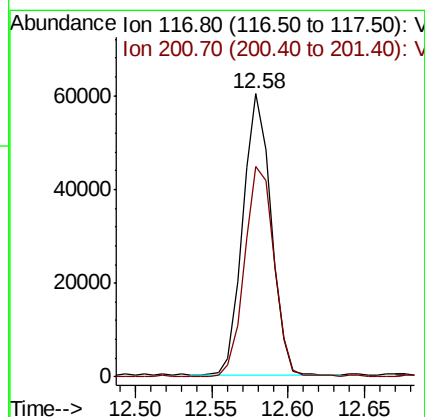
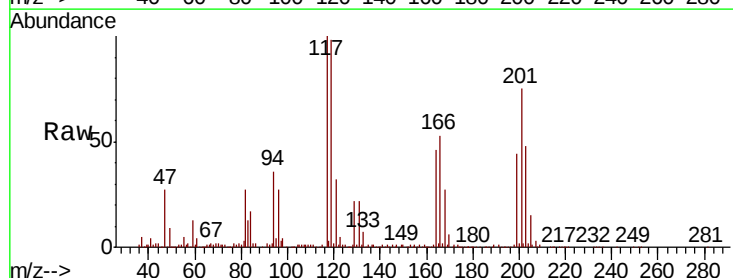
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

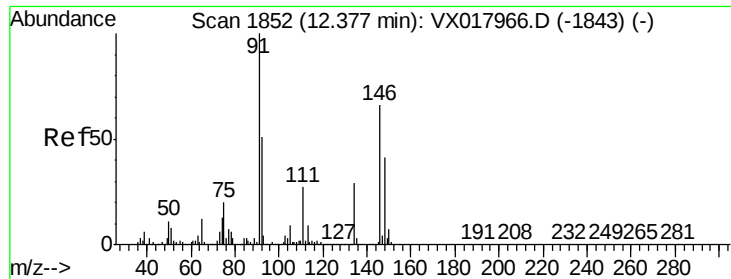
Tot Ion: 91 Resp: 361496
Ion Ratio Lower Upper
91 100
92 53.1 25.7 77.0
134 26.7 13.4 40.2



#90
Hexachloroethane
Concen: 16.233 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion: 117 Resp: 76781
Ion Ratio Lower Upper
117 100
201 78.3 40.8 122.2





#91

1,2-Dichlorobenzene

Concen: 19.714 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

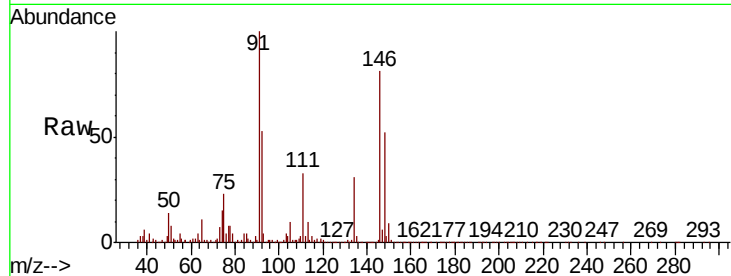
Tot Ion:146 Resp: 234798

Ion Ratio Lower Upper

146 100

111 42.9 20.6 61.9

148 63.3 31.2 93.6

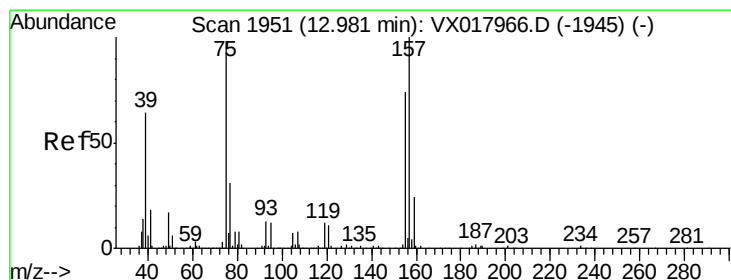
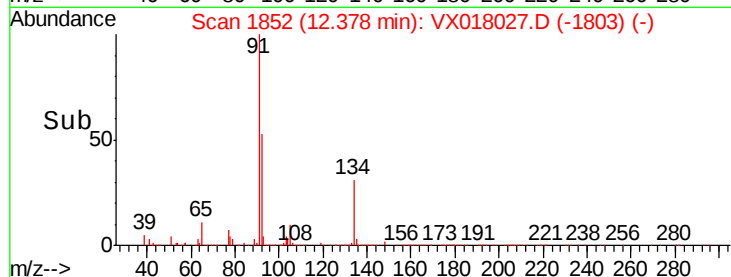
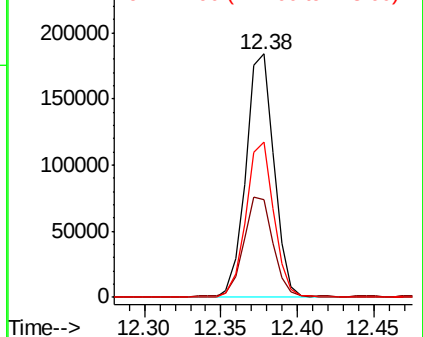


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.453 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

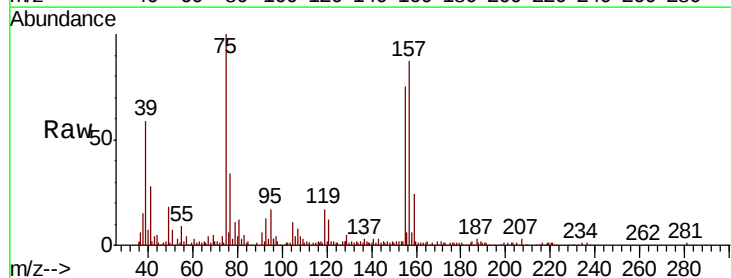
Tgt Ion: 75 Resp: 41896

Ion Ratio Lower Upper

75 100

155 82.2 40.5 121.5

157 105.2 54.4 163.2

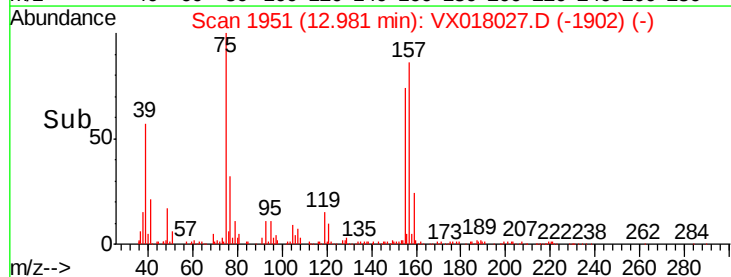
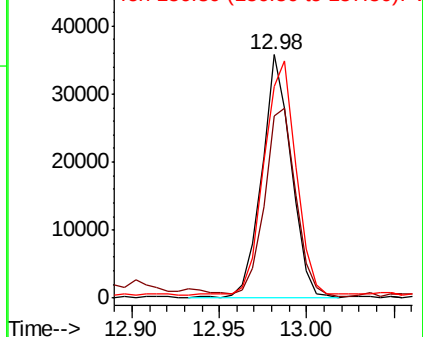


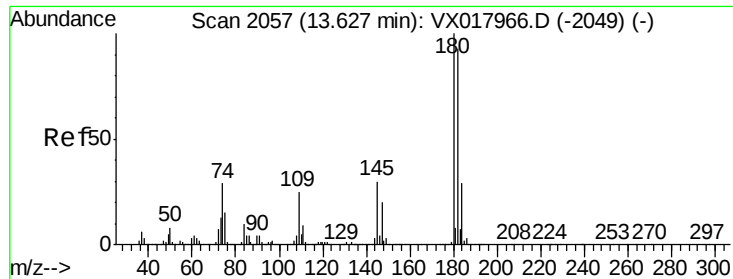
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

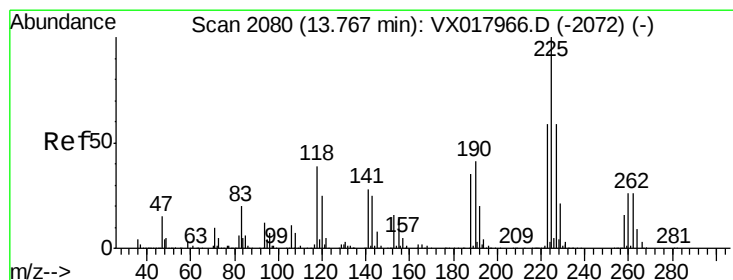
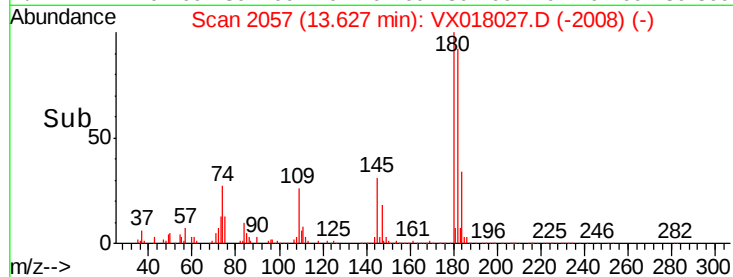
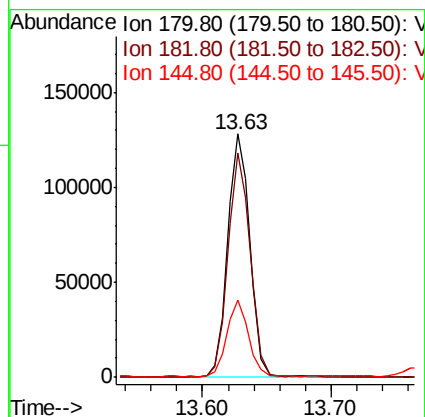
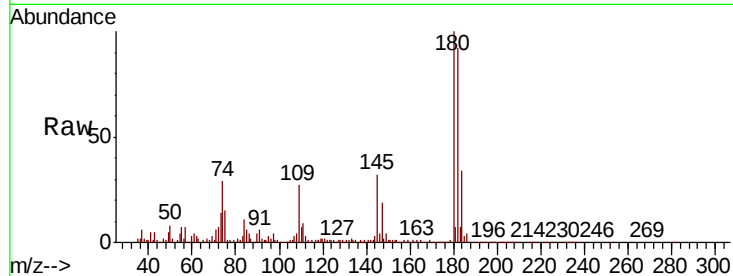




#93
 1,2,4-Trichlorobenzene
 Concen: 19.822 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

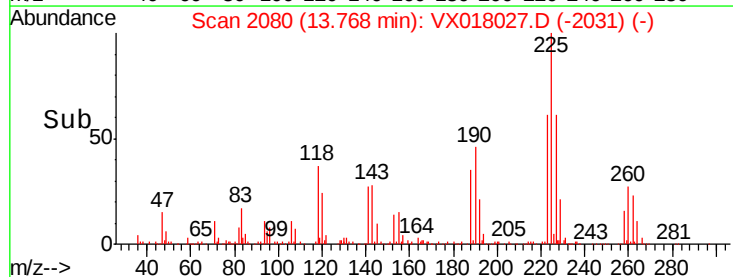
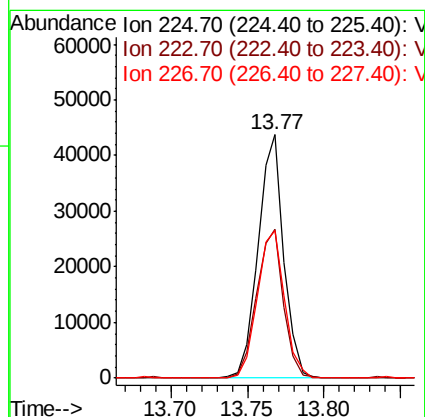
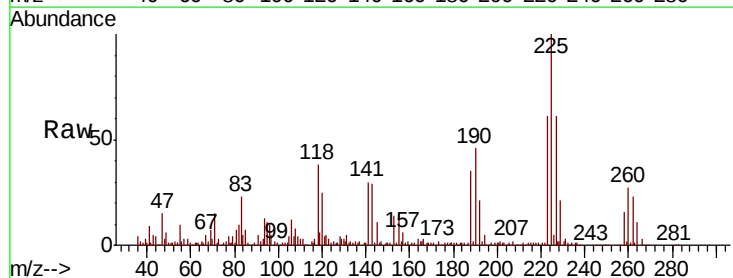
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

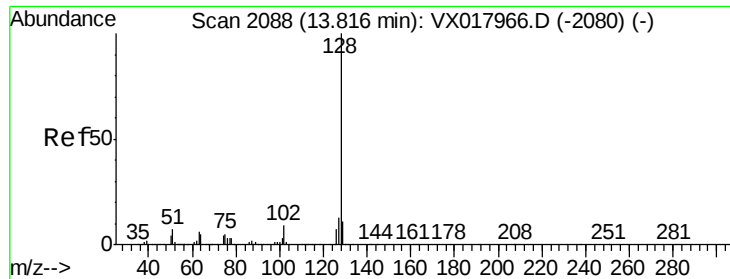
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	48.8	146.4
145	30.9	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 15.225 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	32.1	96.3
227	64.2	29.8	89.5





#95

Naphthalene

Concen: 20.691 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

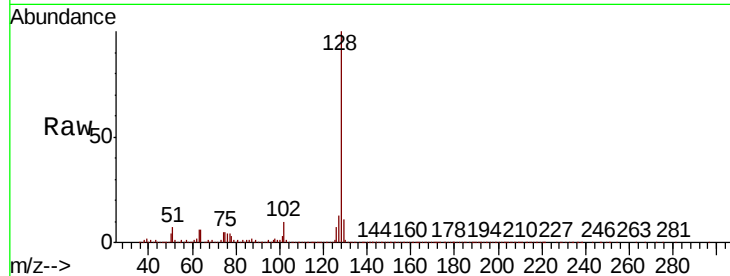
Tot Ion:128 Resp: 511729

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

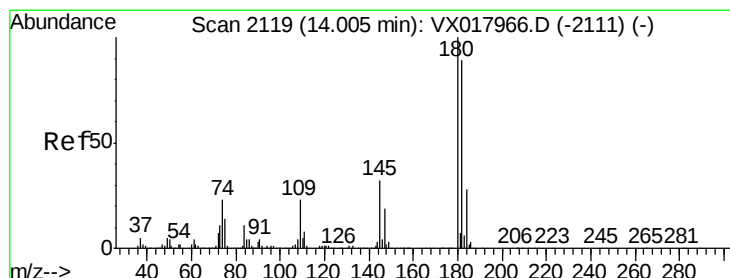
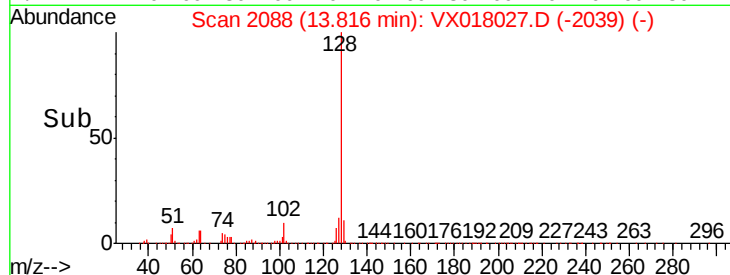
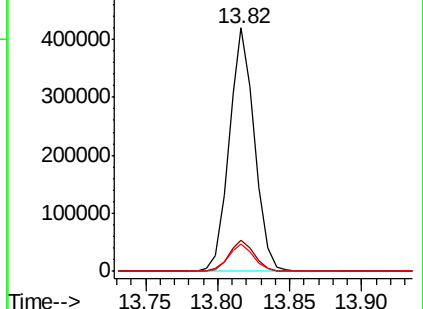
129 10.9 8.6 13.0



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: 18.757 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

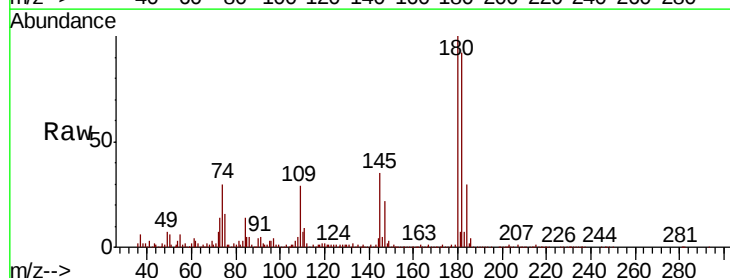
Tgt Ion:180 Resp: 149442

Ion Ratio Lower Upper

180 100

182 96.1 46.6 139.8

145 34.3 16.8 50.4



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

