

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091720\
 Data File : VX018467.D
 Acq On : 17 Sep 2020 15:38
 Operator : JC/SP
 Sample : VX0917WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBSD01

Quant Time: Sep 18 06:32:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	608597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	983753	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	913949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	479676	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	387266	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
35) Dibromofluoromethane	5.47	113	305675	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	
50) Toluene-d8	8.70	98	1119811	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	
62) 4-Bromofluorobenzene	11.12	95	425980	43.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	114221	19.796	ug/l	98
3) Chloromethane	1.31	50	135118	20.002	ug/l	99
4) Vinyl Chloride	1.39	62	134129	18.756	ug/l	95
5) Bromomethane	1.64	94	88143	20.082	ug/l	95
6) Chloroethane	1.72	64	78418	19.160	ug/l	100
7) Trichlorofluoromethane	1.92	101	202073	18.600	ug/l	99
8) Diethyl Ether	2.17	74	67755	17.775	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	112633	19.261	ug/l	97
10) Methyl Iodide	2.49	142	106040	18.130	ug/l	98
11) Tert butyl alcohol	3.01	59	142805	95.329	ug/l	97
12) 1,1-Dichloroethene	2.36	96	111826	18.973	ug/l	93
13) Acrolein	2.28	56	80281	84.637	ug/l	99
14) Allyl chloride	2.71	41	211777	18.542	ug/l	99
15) Acrylonitrile	3.12	53	346290	96.882	ug/l	99
16) Acetone	2.42	43	310367	94.261	ug/l	99
17) Carbon Disulfide	2.55	76	320932	18.233	ug/l	96
18) Methyl Acetate	2.75	43	158697	19.453	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	402550	19.456	ug/l	96
20) Methylene Chloride	2.84	84	131034	18.037	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	125024	18.252	ug/l	95
22) Diisopropyl ether	3.82	45	417553	19.449	ug/l	99
23) Vinyl Acetate	3.79	43	1870593	98.330	ug/l	100
24) 1,1-Dichloroethane	3.68	63	235172	18.994	ug/l	99
25) 2-Butanone	4.64	43	503809	98.257	ug/l	96
26) 2,2-Dichloropropane	4.55	77	210877	18.434	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	139078	18.115	ug/l	96
28) Bromochloromethane	4.98	49	105253	18.167	ug/l	99
29) Tetrahydrofuran	5.09	42	321283	99.414	ug/l	99
30) Chloroform	5.18	83	239090	19.032	ug/l	96
31) Cyclohexane	5.55	56	202409	19.427	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	218812	18.567	ug/l	98
36) 1,1-Dichloropropene	5.77	75	177101	18.548	ug/l	99
37) Ethyl Acetate	4.80	43	198281	19.446	ug/l	99
38) Carbon Tetrachloride	5.76	117	194493	18.392	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091720\
 Data File : VX018467.D
 Acq On : 17 Sep 2020 15:38
 Operator : JC/SP
 Sample : VX0917WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBSD01

Quant Time: Sep 18 06:32:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	199031	18.554	ug/l	100
40) Benzene	6.11	78	510931	18.672	ug/l	98
41) Methacrylonitrile	5.01	41	104707	18.481	ug/l	97
42) 1,2-Dichloroethane	6.17	62	196600	18.468	ug/l	99
43) Isopropyl Acetate	6.42	43	316655	18.715	ug/l	99
44) Trichloroethene	7.19	130	148135	18.700	ug/l	100
45) 1,2-Dichloropropane	7.49	63	138915	18.496	ug/l	98
46) Dibromomethane	7.64	93	94517	18.317	ug/l	98
47) Bromodichloromethane	7.88	83	193438	18.601	ug/l	96
48) Methyl methacrylate	7.75	41	153580	18.648	ug/l	98
49) 1,4-Dioxane	7.71	88	47658	350.221	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	979855	97.261	ug/l	99
52) Toluene	8.76	92	325197	18.885	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	220740	18.680	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	232152	19.070	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	134380	18.807	ug/l	98
56) Ethyl methacrylate	9.16	69	201478	19.017	ug/l	99
57) 1,3-Dichloropropane	9.35	76	224817	18.727	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	533180	94.656	ug/l	99
59) 2-Hexanone	9.48	43	753810	98.374	ug/l	99
60) Dibromochloromethane	9.57	129	164282	19.282	ug/l	96
61) 1,2-Dibromoethane	9.65	107	142202	18.705	ug/l	96
64) Tetrachloroethene	9.32	164	139482	19.385	ug/l	95
65) Chlorobenzene	10.12	112	356740	18.956	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	140321	18.587	ug/l	99
67) Ethyl Benzene	10.24	91	627977	19.278	ug/l	98
68) m/p-Xylenes	10.34	106	465496	37.777	ug/l	98
69) o-Xylene	10.68	106	227983	19.538	ug/l	96
70) Styrene	10.70	104	385117	19.115	ug/l	99
71) Bromoform	10.84	173	117058	18.467	ug/l	97
73) Isopropylbenzene	11.00	105	609644	19.025	ug/l	99
74) N-amyl acetate	10.88	43	271933	18.850	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	200889	18.940	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	249160	24.718	ug/l	84
77) Bromobenzene	11.24	156	162233	18.349	ug/l	99
78) n-propylbenzene	11.34	91	697626	18.599	ug/l	99
79) 2-Chlorotoluene	11.40	91	424530	18.698	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	521086	19.014	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	74368	18.905	ug/l	99
82) 4-Chlorotoluene	11.49	91	502391	18.615	ug/l	100
83) tert-Butylbenzene	11.76	119	497759	18.707	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	535690	19.410	ug/l	100
85) sec-Butylbenzene	11.93	105	592351	18.868	ug/l	99
86) p-Isopropyltoluene	12.05	119	550550	19.081	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	286197	18.003	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	298272	18.505	ug/l	99
89) n-Butylbenzene	12.37	91	479358	17.946	ug/l	99
90) Hexachloroethane	12.58	117	104414	18.127	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	273580	18.387	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48485	18.830	ug/l	98

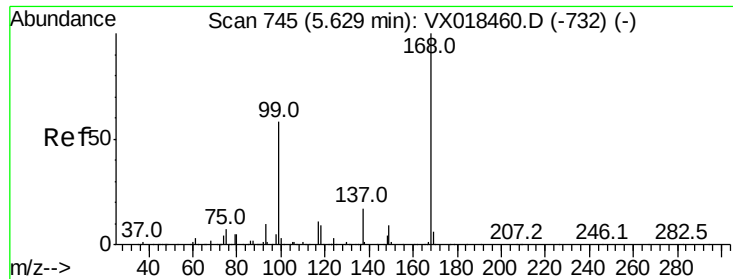
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091720\
Data File : VX018467.D
Acq On : 17 Sep 2020 15:38
Operator : JC/SP
Sample : VX0917WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

Quant Time: Sep 18 06:32:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	184662	17.832	ug/l	94
94) Hexachlorobutadiene	13.76	225	76817	17.677	ug/l	99
95) Naphthalene	13.82	128	613848	19.628	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	179838	18.172	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

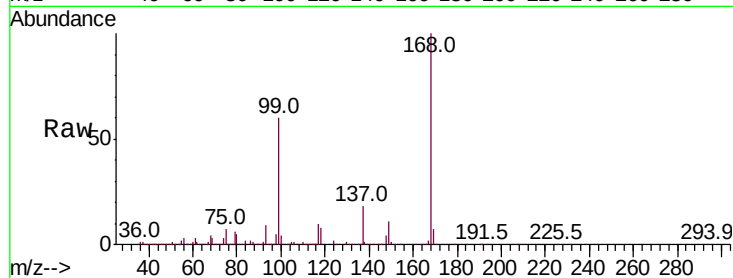
VX0917WBSD01

Tot Ion:168 Resp: 608597

Ion Ratio Lower Upper

168 100

99 59.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

150000

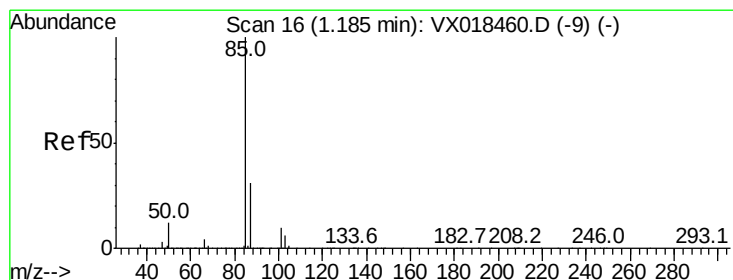
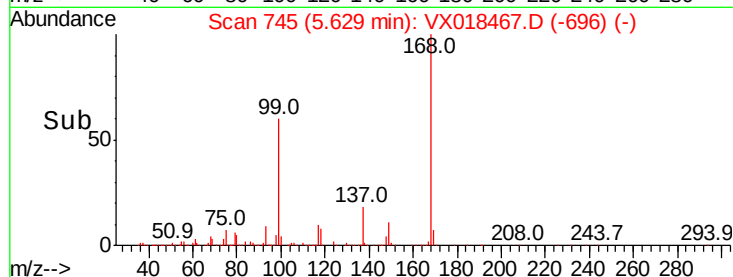
100000

50000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 19.796 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018467.D

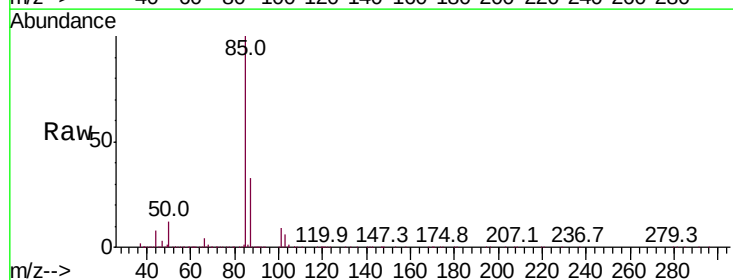
Acq: 17 Sep 2020 15:38

Tgt Ion: 85 Resp: 114221

Ion Ratio Lower Upper

85 100

87 32.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

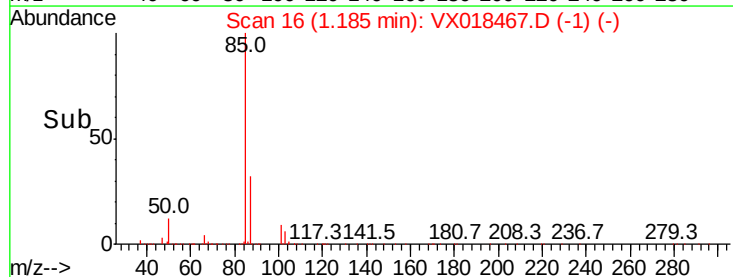
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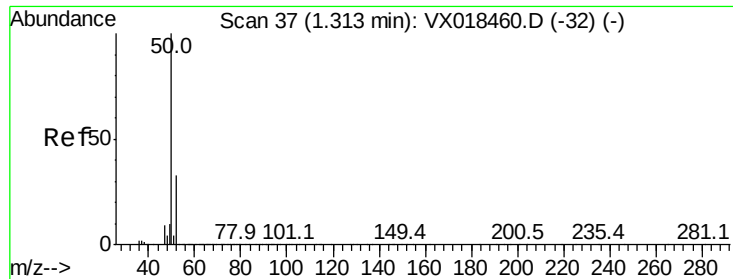
50000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 20.002 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

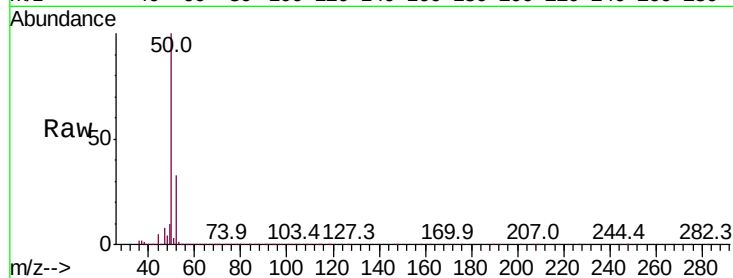
VX0917WBSD01

Tot Ion: 50 Resp: 135118

Ion Ratio Lower Upper

50 100

52 32.9 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

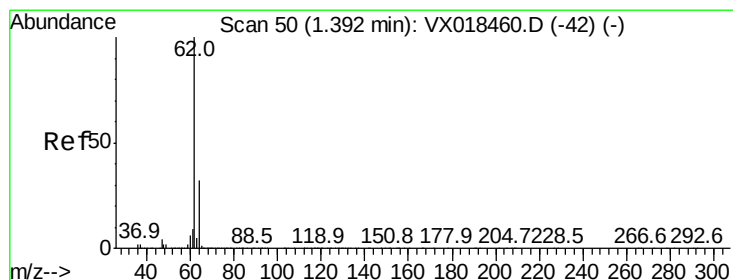
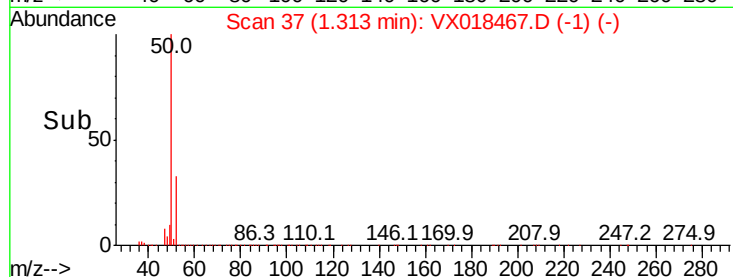
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 18.756 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018467.D

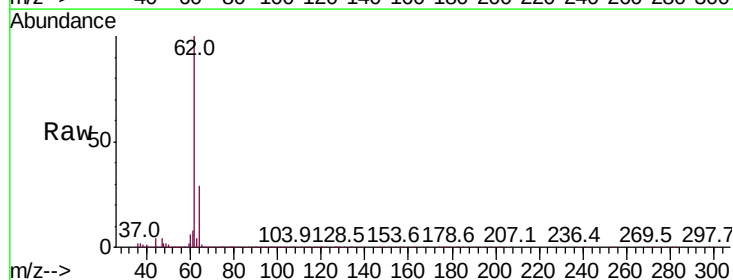
Acq: 17 Sep 2020 15:38

Tgt Ion: 62 Resp: 134129

Ion Ratio Lower Upper

62 100

64 29.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

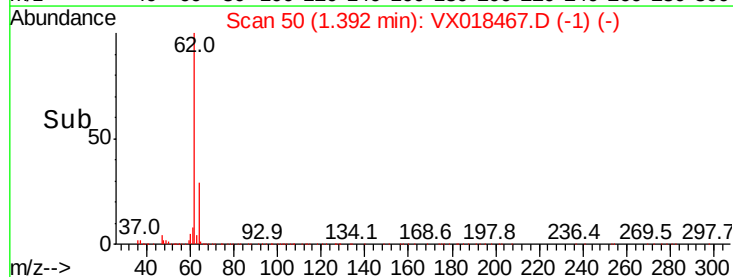
150000

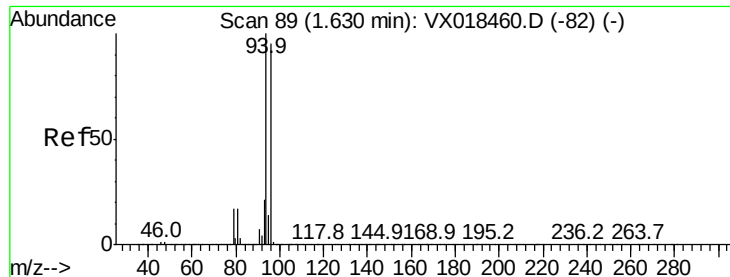
100000

50000

0

Time--> 1.35 1.40 1.45





#5

Bromomethane

Concen: 20.082 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

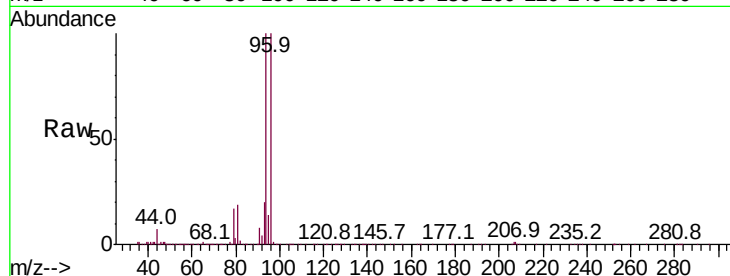
VX0917WBSD01

Tot Ion: 94 Resp: 88143

Ion Ratio Lower Upper

94 100

96 99.4 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

60000

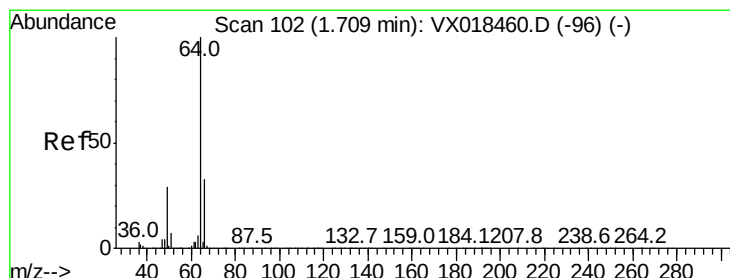
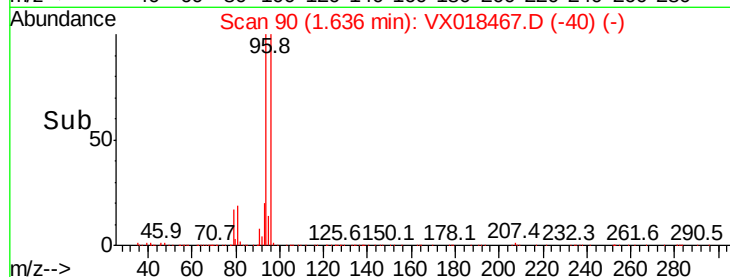
40000

20000

0

1.55 1.60 1.65 1.70 1.75

Time-->



#6

Chloroethane

Concen: 19.160 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018467.D

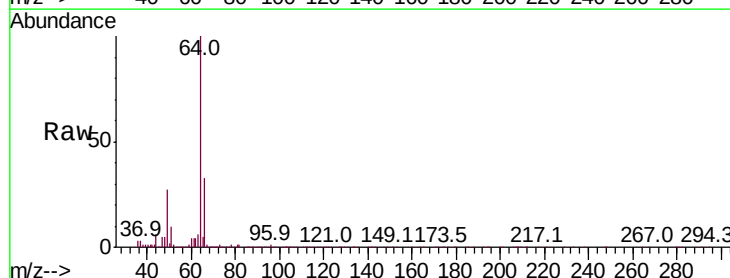
Acq: 17 Sep 2020 15:38

Tgt Ion: 64 Resp: 78418

Ion Ratio Lower Upper

64 100

66 32.7 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

60000

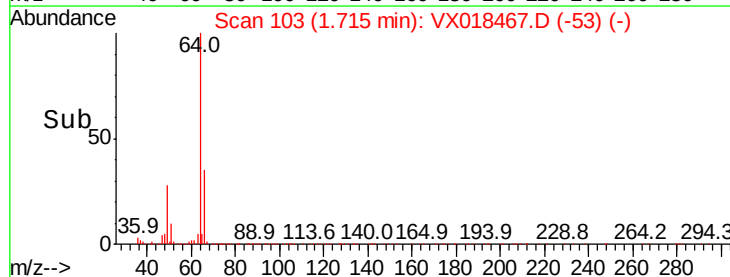
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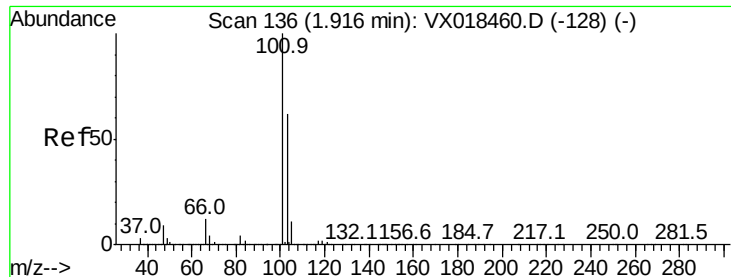
20000

0

1.60 1.70 1.80

Time-->



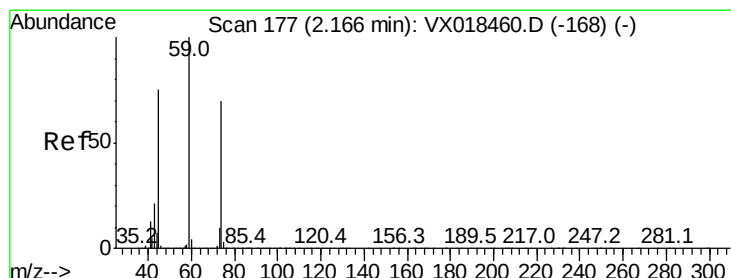
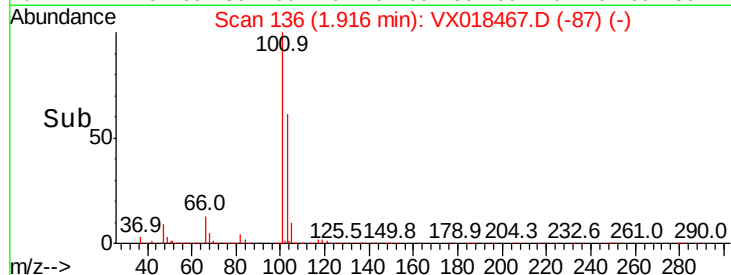
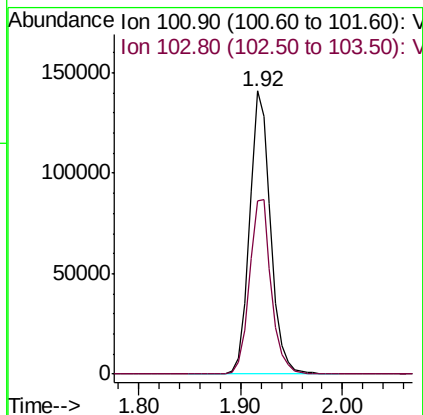
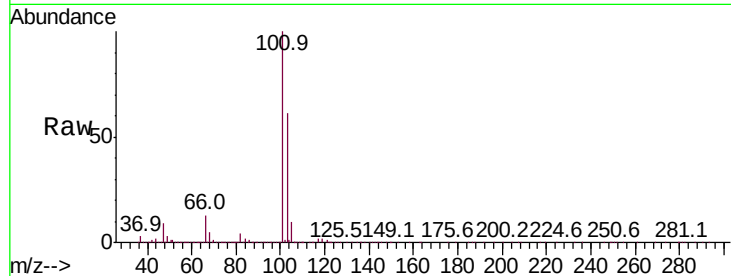


#7

Trichlorofluoromethane
 Concen: 18.600 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX018467.D
 Acq: 17 Sep 2020 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBSD01

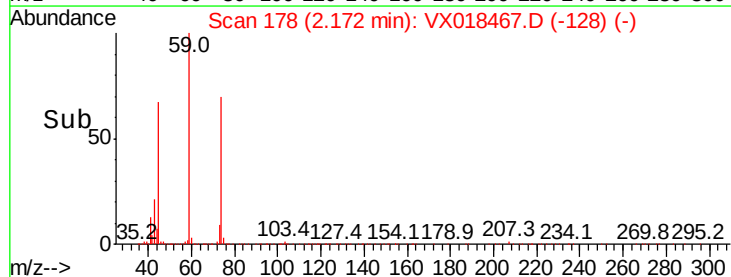
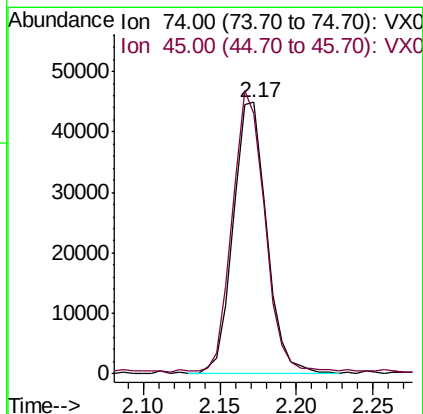
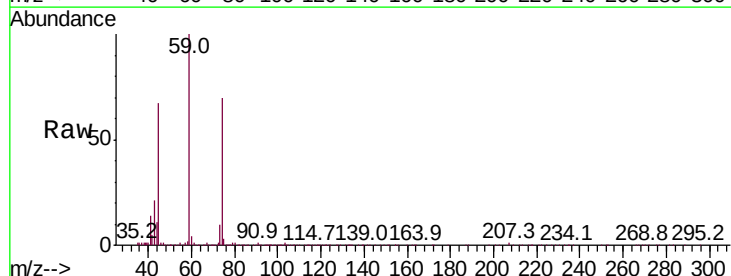
Tot Ion:101 Resp: 202073
 Ion Ratio Lower Upper
 101 100
 103 61.0 49.6 74.4

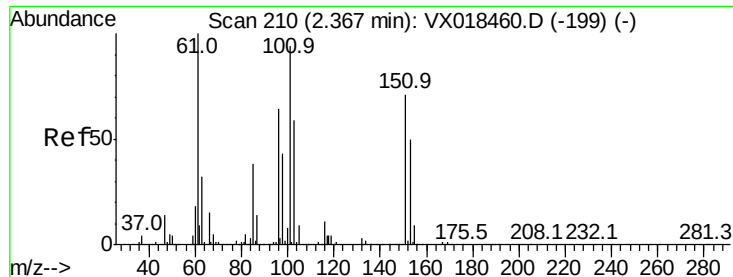


#8

Diethyl Ether
 Concen: 17.775 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX018467.D
 Acq: 17 Sep 2020 15:38

Tgt Ion: 74 Resp: 67755
 Ion Ratio Lower Upper
 74 100
 45 100.3 50.7 152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.261 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

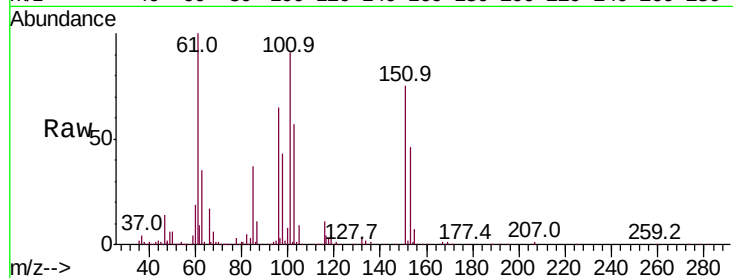
Tot Ion:101 Resp: 112633

Ion Ratio Lower Upper

101 100

85 43.7 34.7 52.1

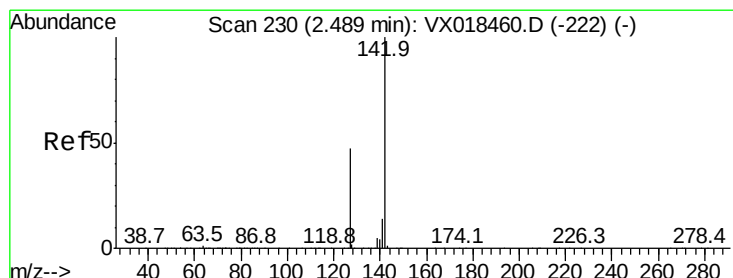
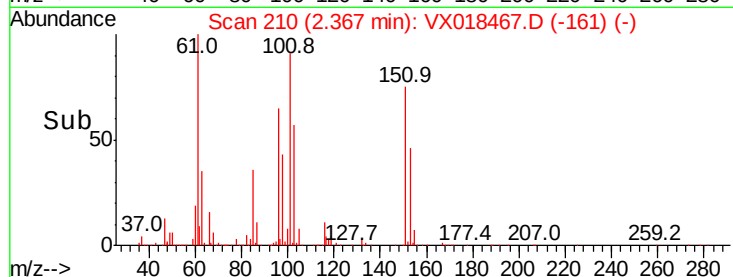
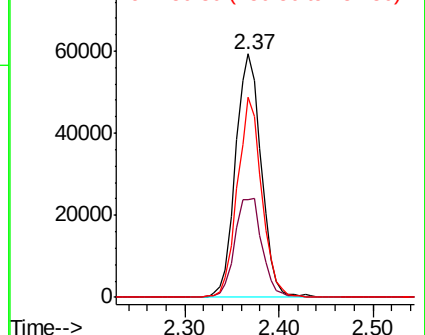
151 77.9 64.9 97.3



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: 18.130 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

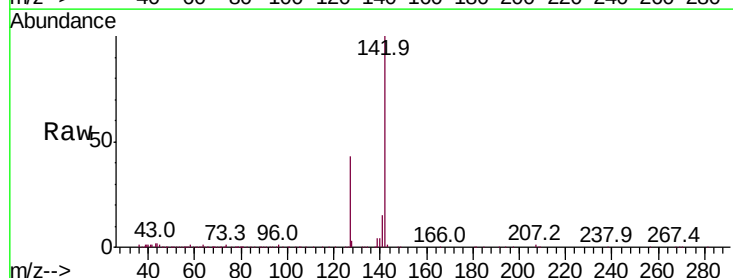
Tgt Ion:142 Resp: 106040

Ion Ratio Lower Upper

142 100

127 46.7 36.0 54.0

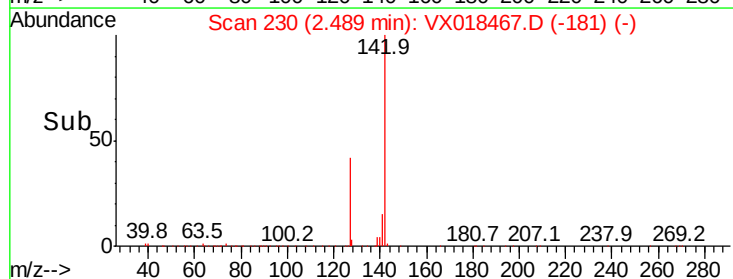
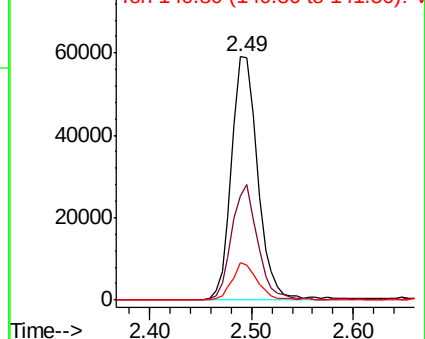
141 14.7 11.9 17.9

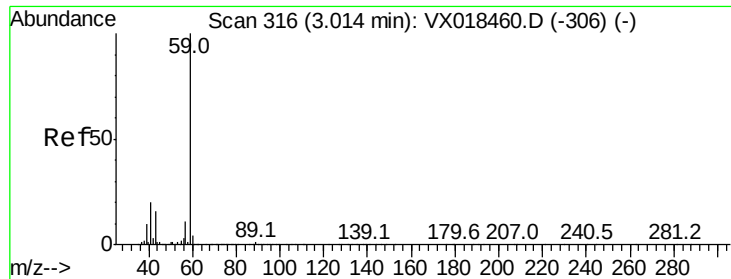


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



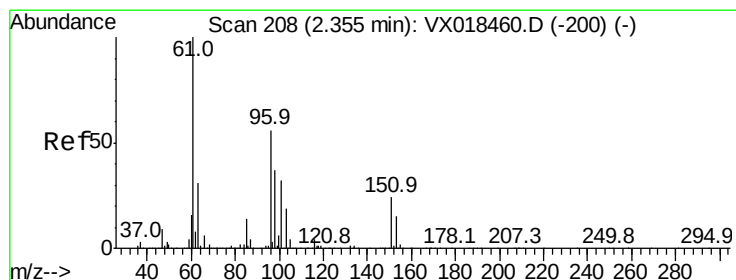
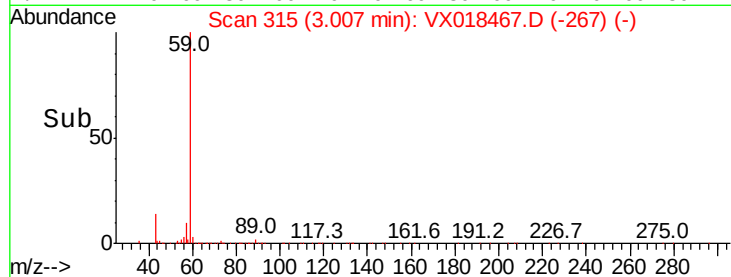
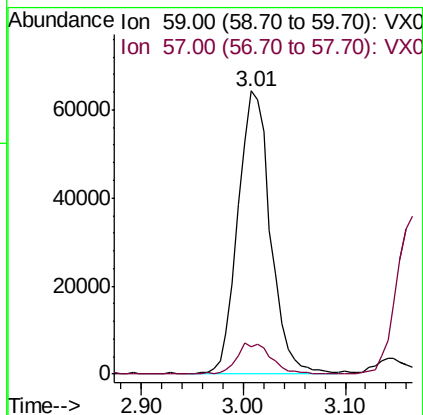
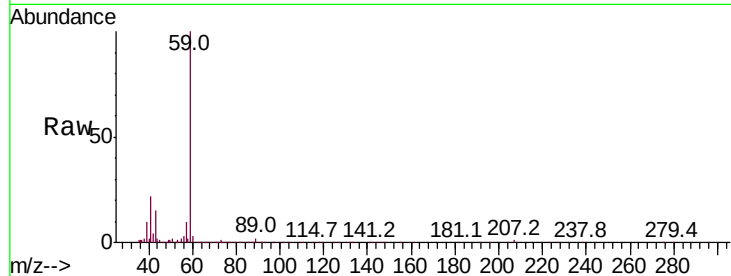


#11

Tert butyl alcohol
 Concen: 95.329 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX018467.D
 Acq: 17 Sep 2020 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBSD01

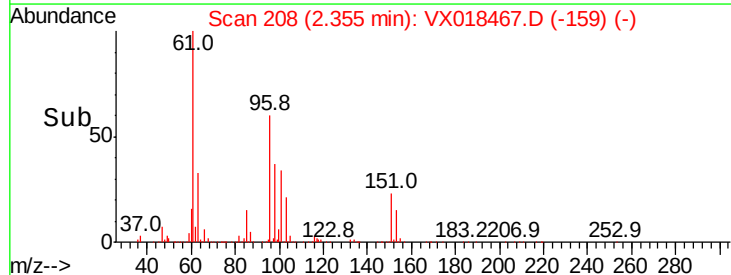
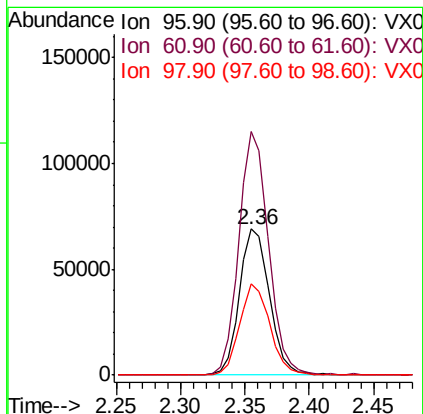
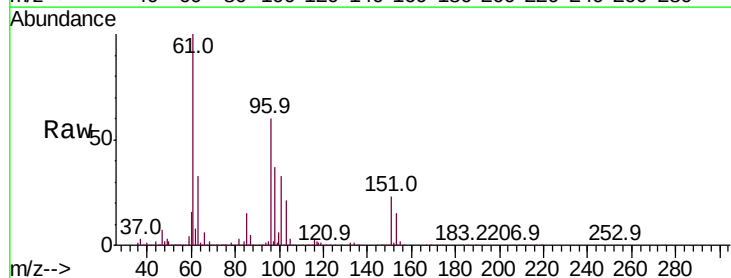
Tot Ion: 59 Resp: 142805
 Ion Ratio Lower Upper
 59 100
 57 11.4 8.2 12.4

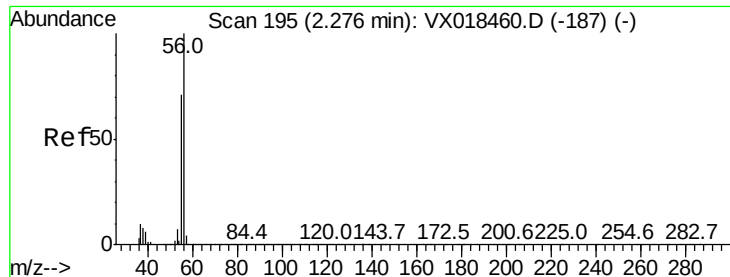


#12

1,1-Dichloroethene
 Concen: 18.973 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018467.D
 Acq: 17 Sep 2020 15:38

Tgt Ion: 96 Resp: 111826
 Ion Ratio Lower Upper
 96 100
 61 166.6 142.2 213.4
 98 62.2 52.4 78.6





#13

Acrolein

Concen: 84.637 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

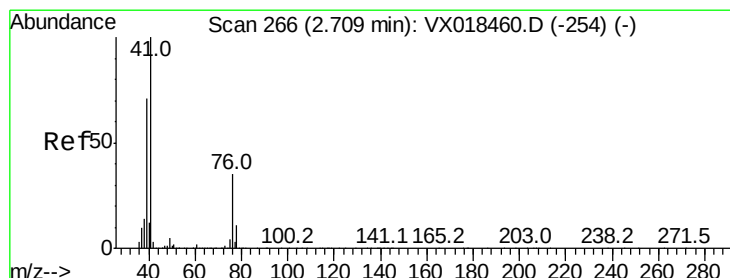
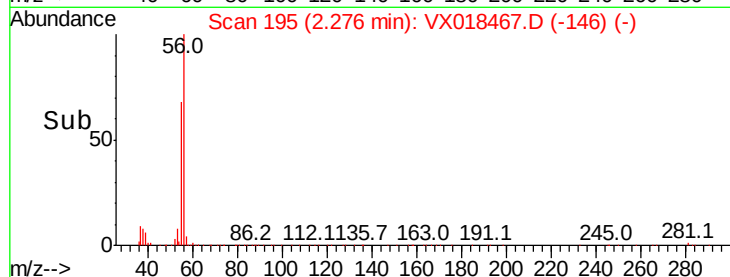
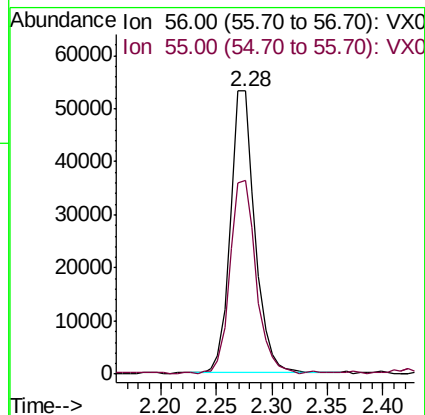
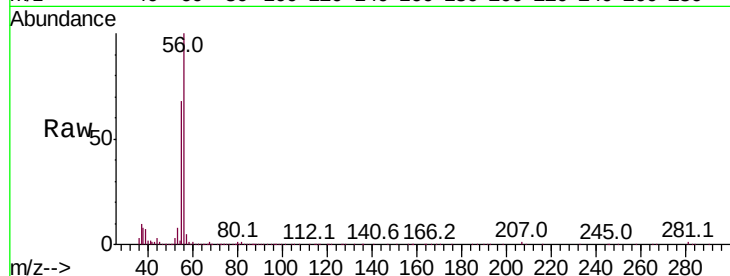
VX0917WBSD01

Tot Ion: 56 Resp: 80281

Ion Ratio Lower Upper

56 100

55 73.5 58.2 87.4



#14

Allyl chloride

Concen: 18.542 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

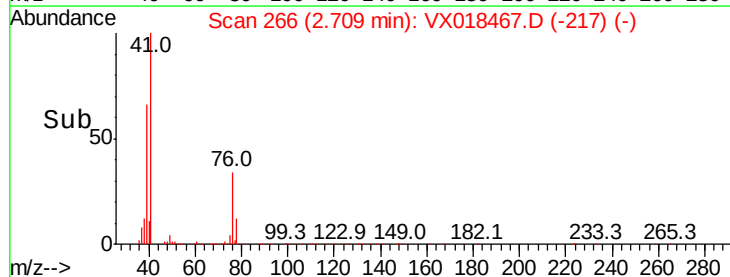
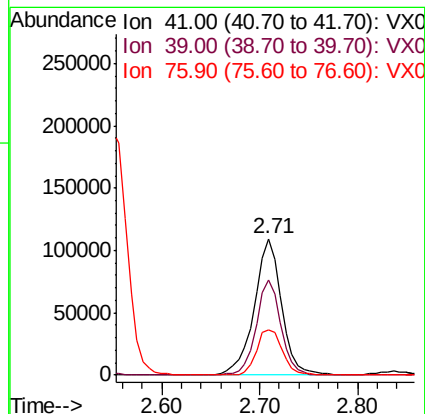
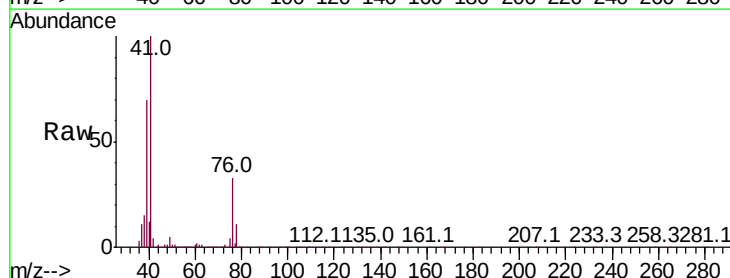
Tgt Ion: 41 Resp: 211777

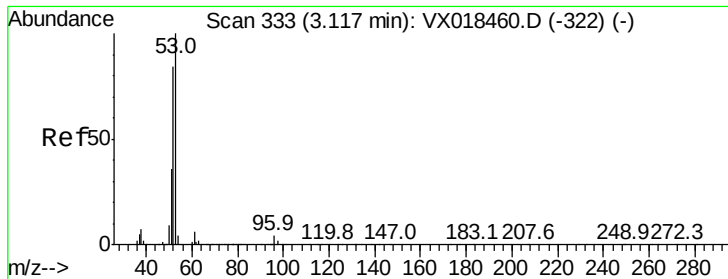
Ion Ratio Lower Upper

41 100

39 64.3 51.1 76.7

76 31.9 26.0 39.0

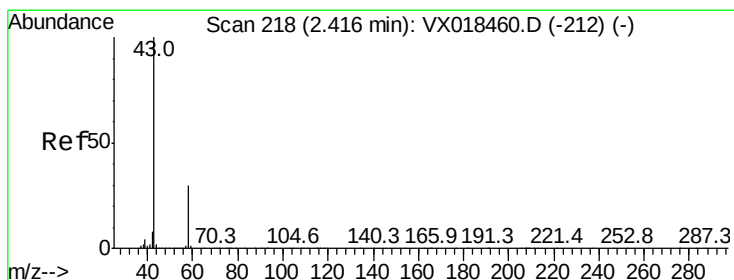
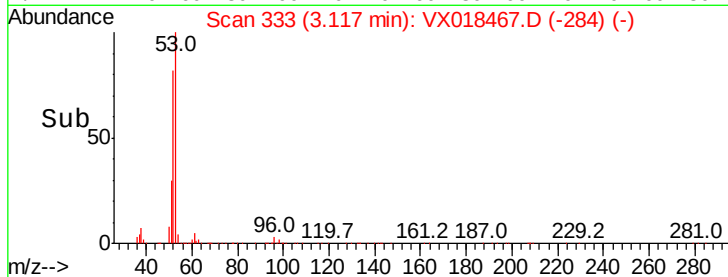
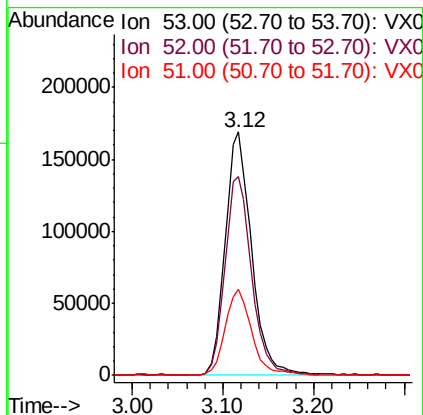
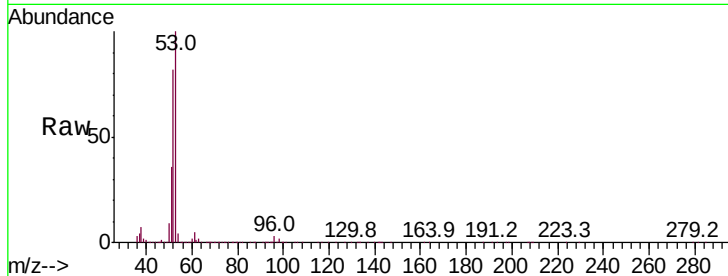




#15
 Acrylonitrile
 Concen: 96.882 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX018467.D
 Acq: 17 Sep 2020 15:38

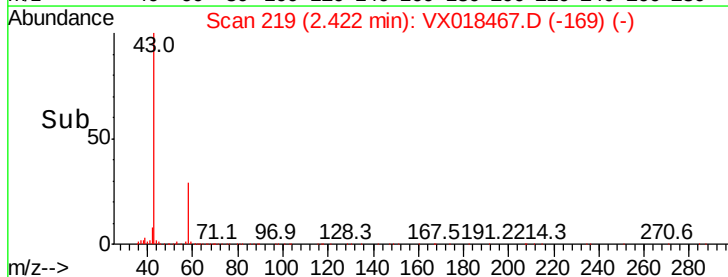
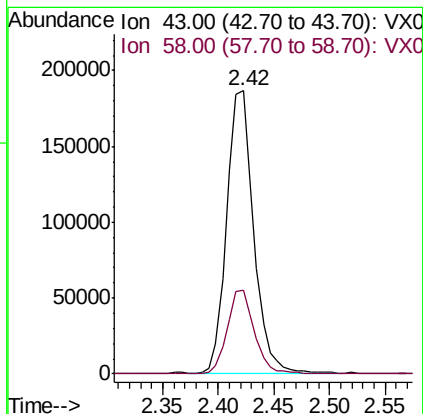
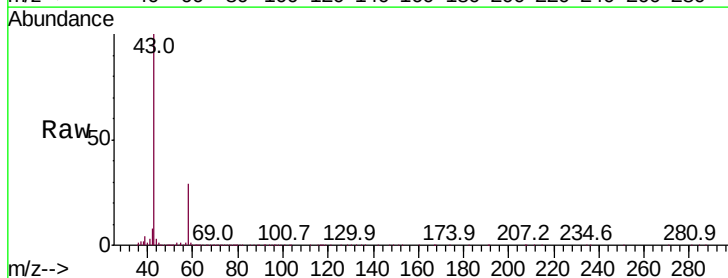
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBSD01

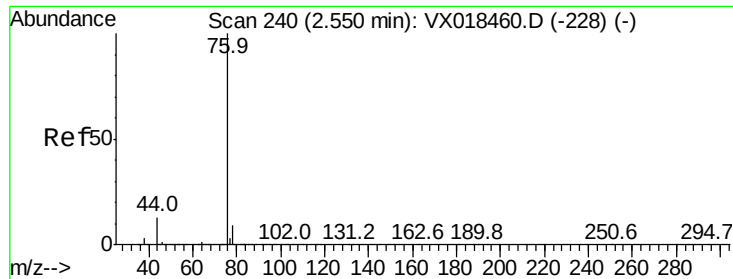
Tot Ion	53	Ratio	Lower	Upper
53	100			
52	82.1	65.8	98.8	
51	35.6	29.2	43.8	



#16
 Acetone
 Concen: 94.261 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: VX018467.D
 Acq: 17 Sep 2020 15:38

Tgt Ion	43	Ratio	Lower	Upper
43	100			
58	29.3	24.0	36.0	





#17

Carbon Disulfide

Concen: 18.233 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

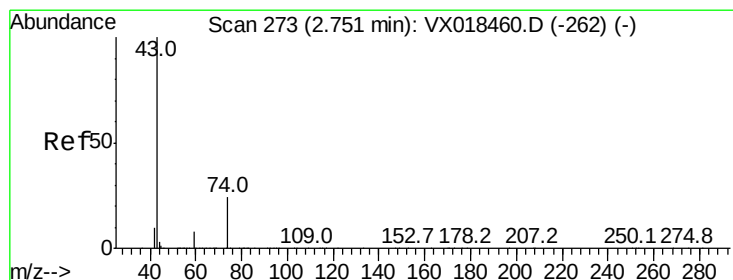
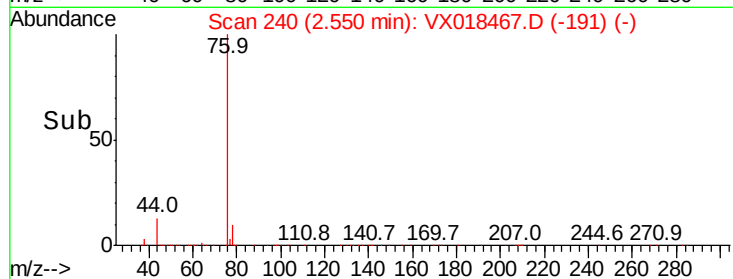
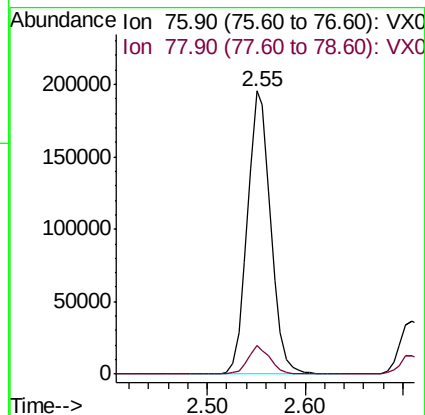
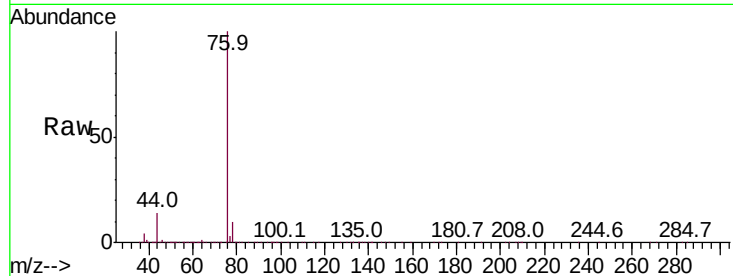
VX0917WBSD01

Tot Ion: 76 Resp: 320932

Ion Ratio Lower Upper

76 100

78 10.2 7.0 10.4



#18

Methyl Acetate

Concen: 19.453 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018467.D

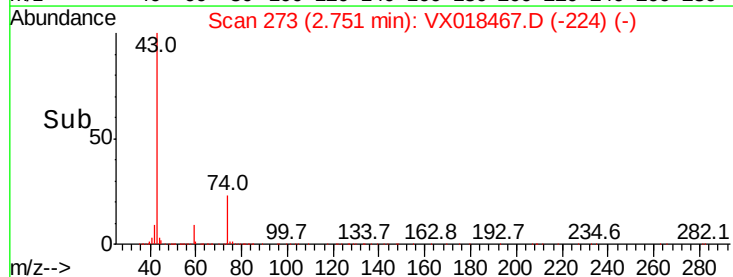
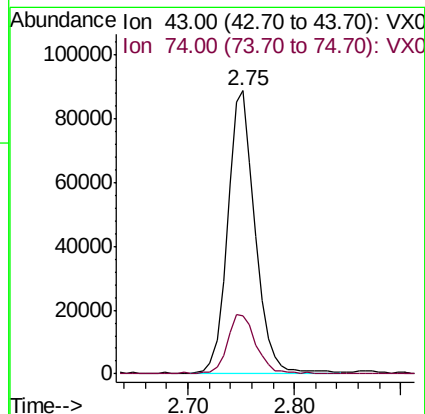
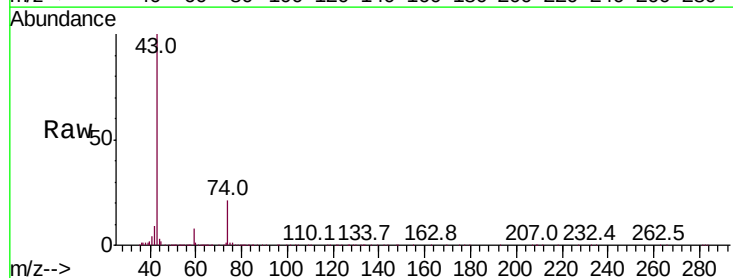
Acq: 17 Sep 2020 15:38

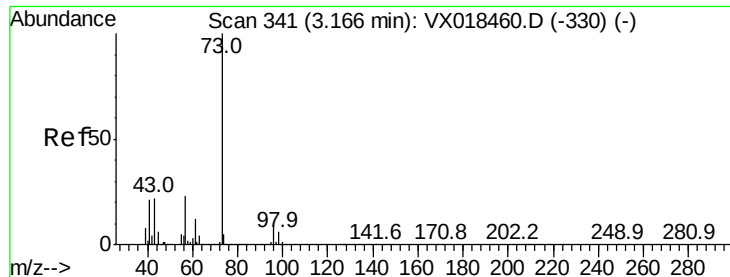
Tgt Ion: 43 Resp: 158697

Ion Ratio Lower Upper

43 100

74 21.8 18.3 27.5

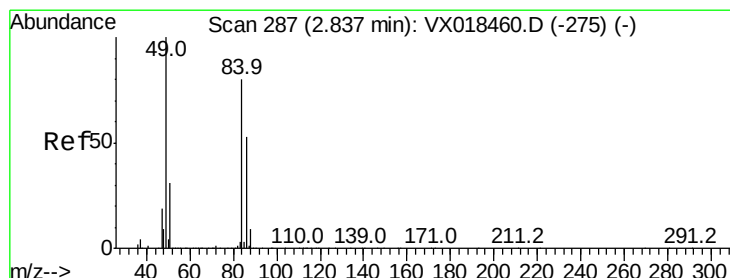
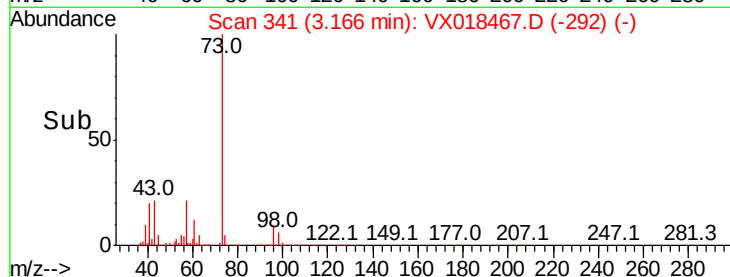
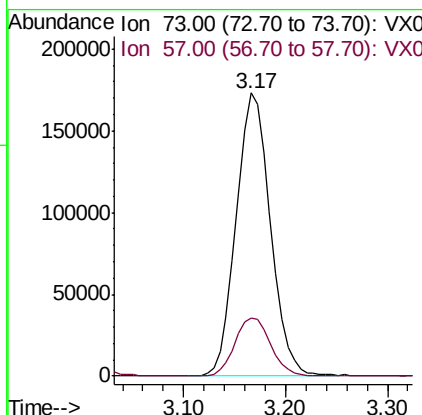
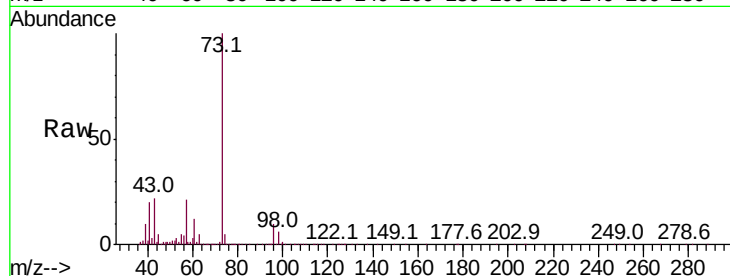




#19
Methyl tert-butyl Ether
Concen: 19.456 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

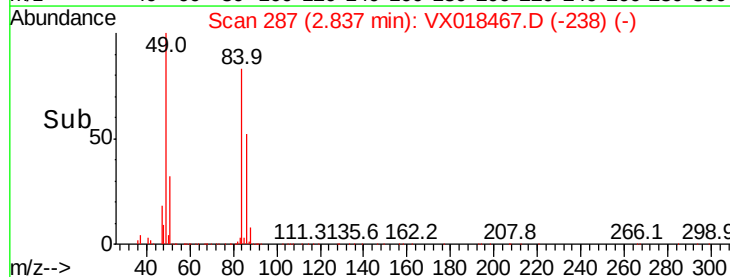
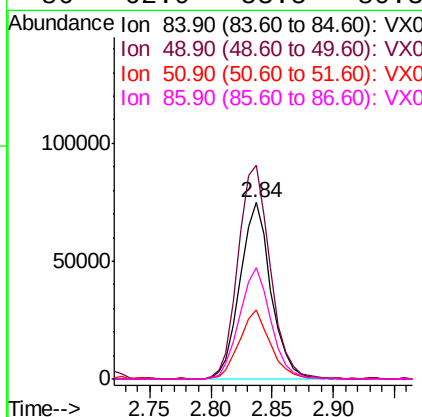
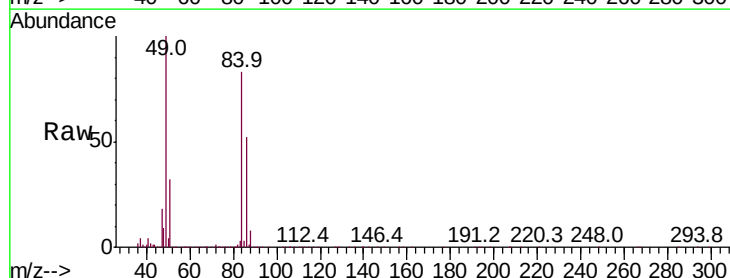
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

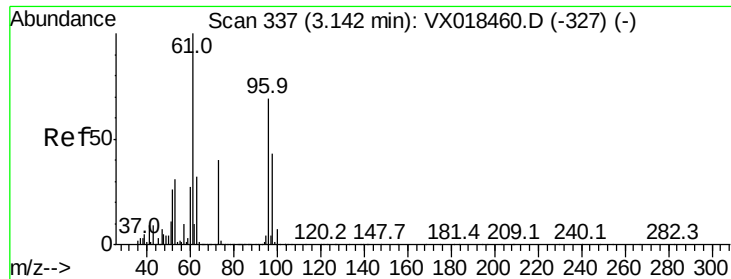
Tot Ion: 73 Resp: 402550
Ion Ratio Lower Upper
73 100
57 20.6 18.0 27.0



#20
Methylene Chloride
Concen: 18.037 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

Tgt Ion: 84 Resp: 131034
Ion Ratio Lower Upper
84 100
49 120.9 100.6 151.0
51 38.7 30.9 46.3
86 62.9 53.5 80.3

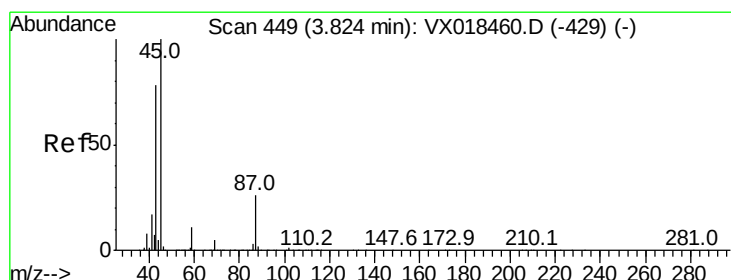
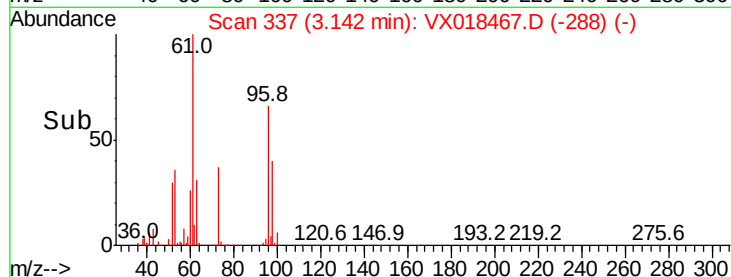
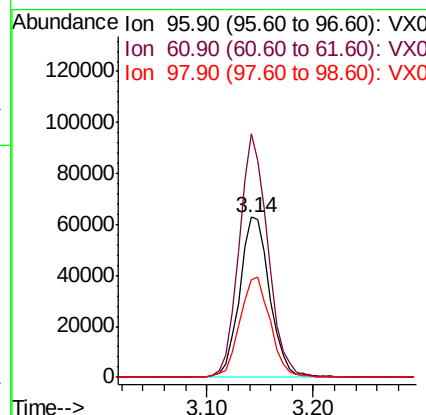
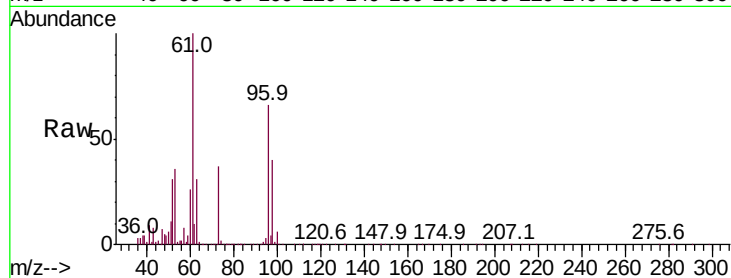




#21
trans-1,2-Dichloroethene
Concen: 18.252 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

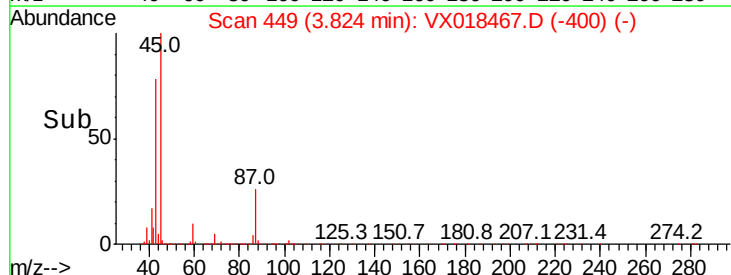
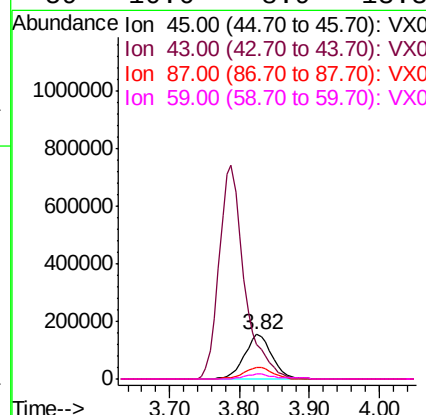
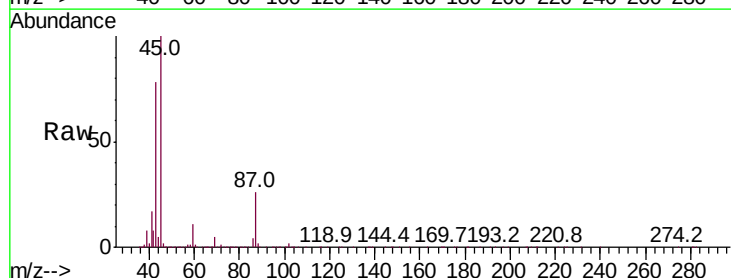
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

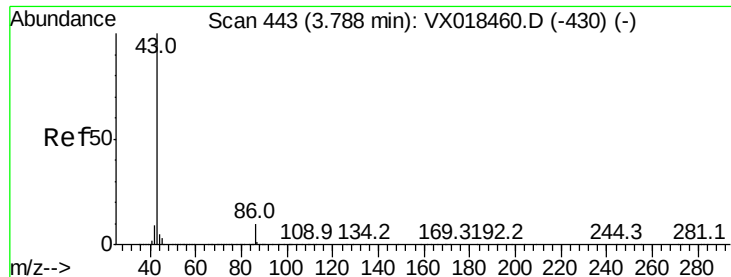
Tot Ion: 96 Resp: 125024
Ion Ratio Lower Upper
96 100
61 152.0 115.6 173.4
98 60.6 50.2 75.4



#22
Diisopropyl ether
Concen: 19.449 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

Tgt Ion: 45 Resp: 417553
Ion Ratio Lower Upper
45 100
43 78.1 62.4 93.6
87 25.8 21.2 31.8
59 10.6 8.9 13.3





#23

Vinyl Acetate

Concen: 98.330 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

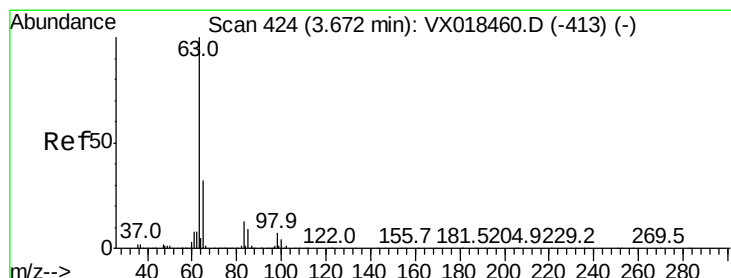
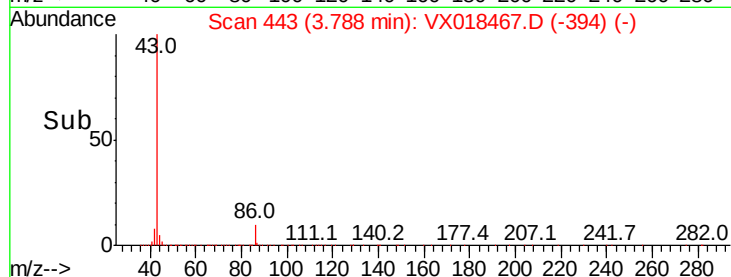
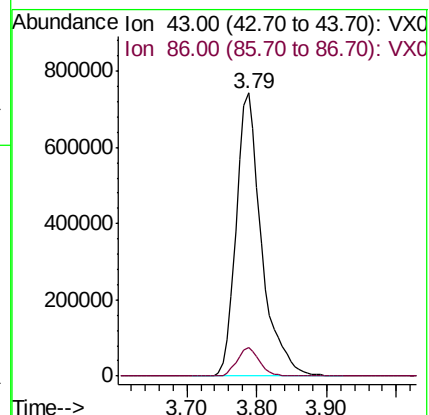
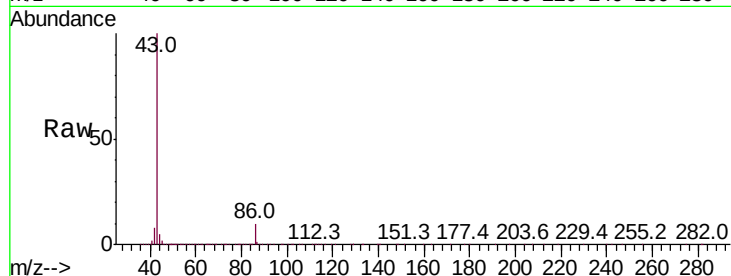
VX0917WBSD01

Tot Ion: 43 Resp: 1870593

Ion Ratio Lower Upper

43 100

86 9.9 8.1 12.1



#24

1,1-Dichloroethane

Concen: 18.994 ug/l

RT: 3.68 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

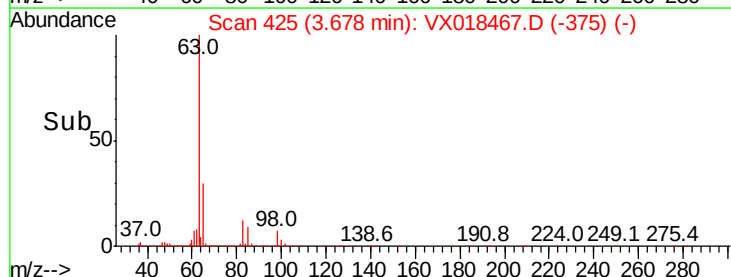
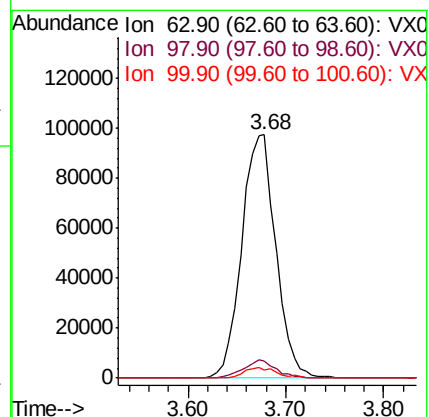
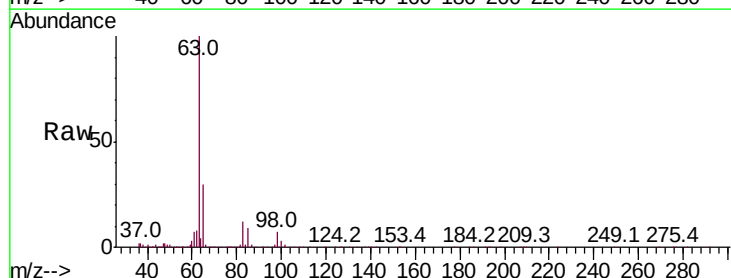
Tgt Ion: 63 Resp: 235172

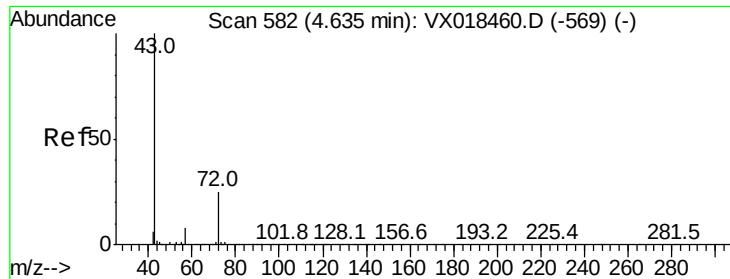
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.6

100 3.2 1.9 5.7





#25

2-Butanone

Concen: 98.257 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

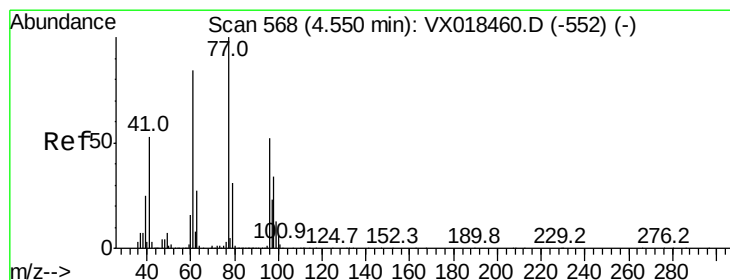
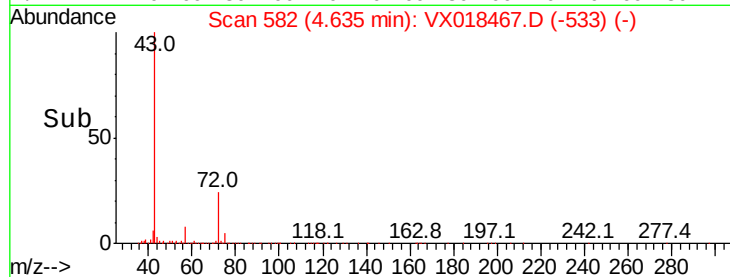
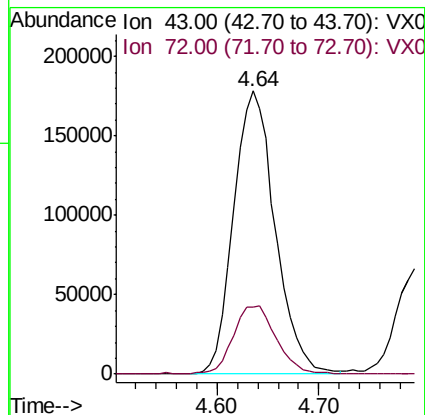
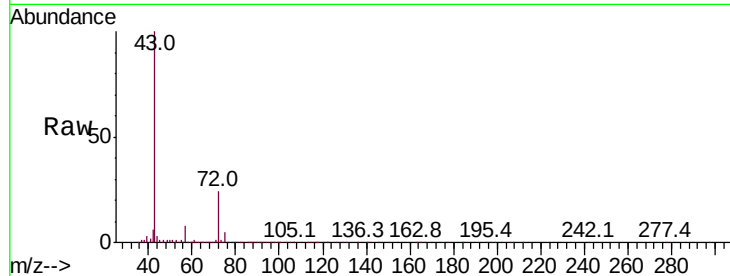
VX0917WBSD01

Tot Ion: 43 Resp: 503809

Ion Ratio Lower Upper

43 100

72 23.4 20.2 30.4



#26

2,2-Dichloropropane

Concen: 18.434 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018467.D

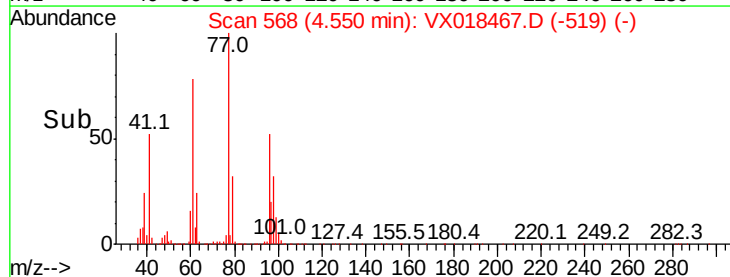
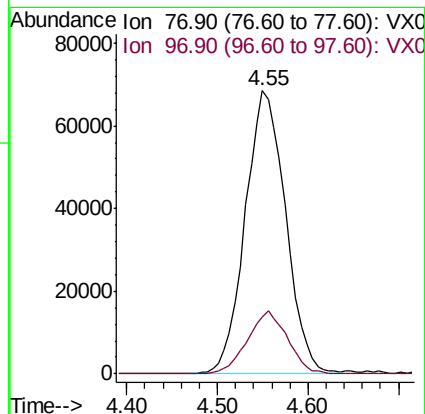
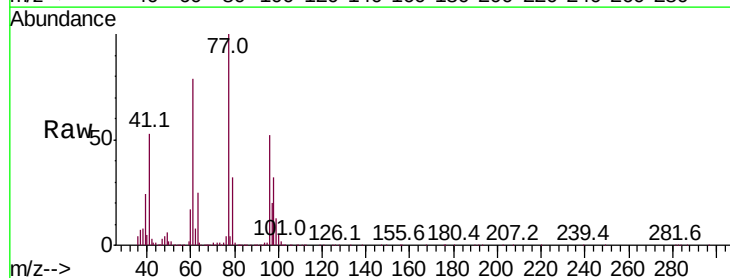
Acq: 17 Sep 2020 15:38

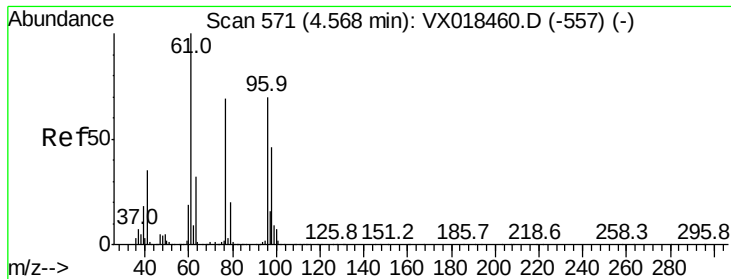
Tgt Ion: 77 Resp: 210877

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5



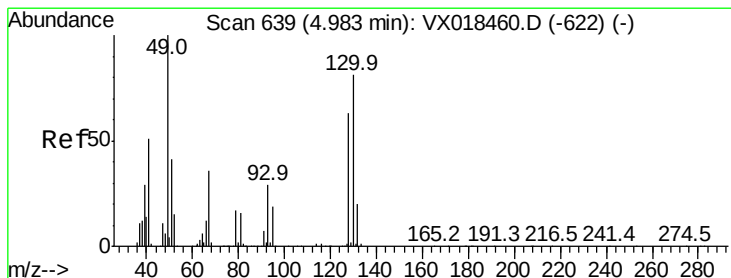
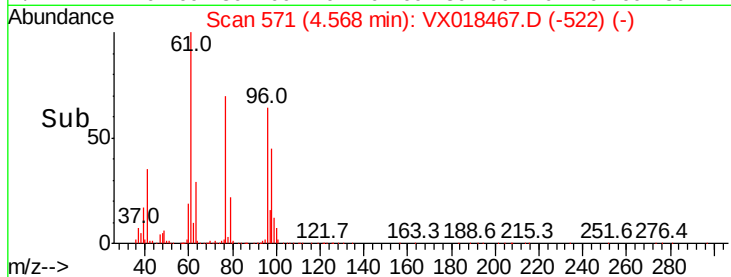
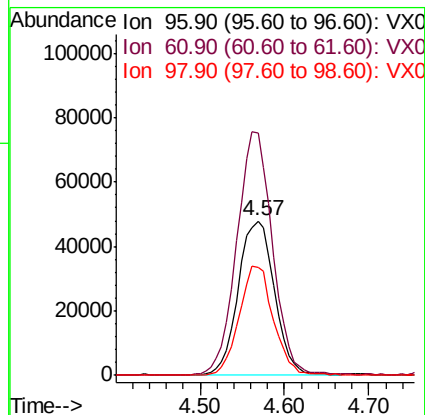
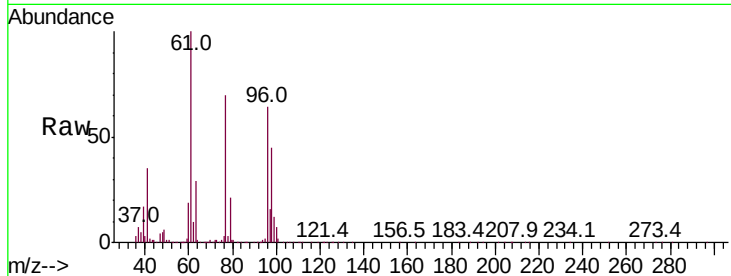


#27

cis-1,2-Dichloroethene
Concen: 18.115 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

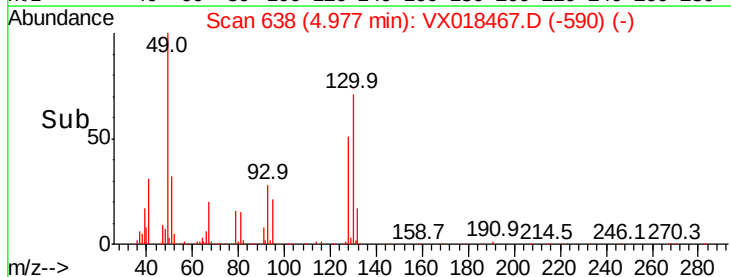
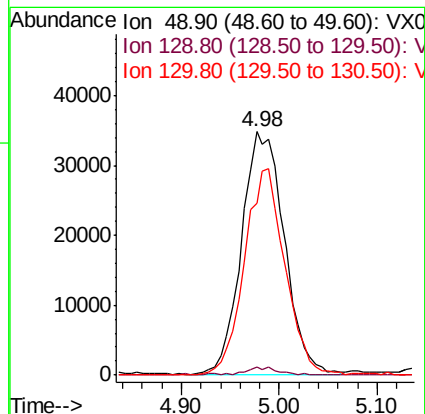
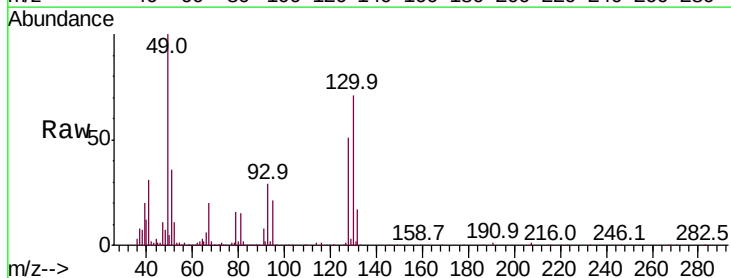
Tot Ion	96	Resp	139078
Ion	Ratio	Lower	Upper
96	100		
61	156.3	0.0	300.0
98	67.1	0.0	130.4

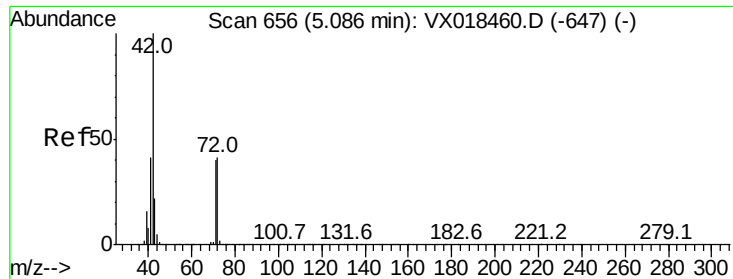


#28

Bromochloromethane
Concen: 18.167 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

Tgt Ion	49	Resp	105253
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	80.7	65.0	97.4





#29

Tetrahydrofuran

Concen: 99.414 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

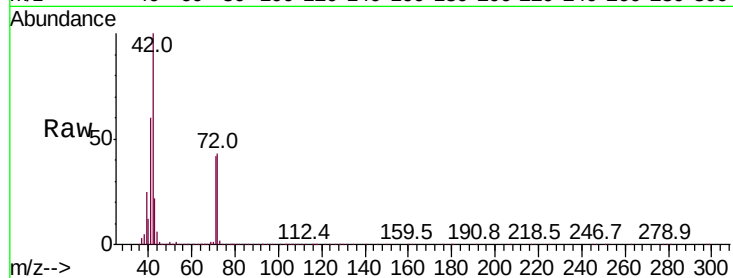
Tot Ion: 42 Resp: 321283

Ion Ratio Lower Upper

42 100

72 42.1 34.3 51.5

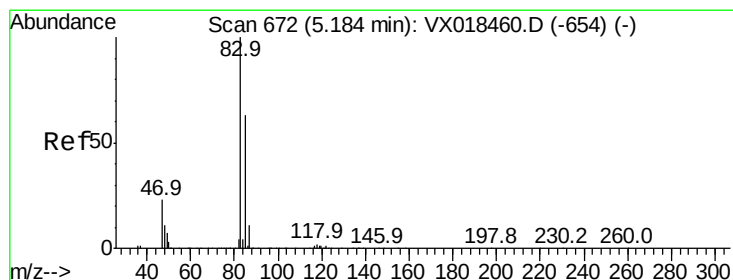
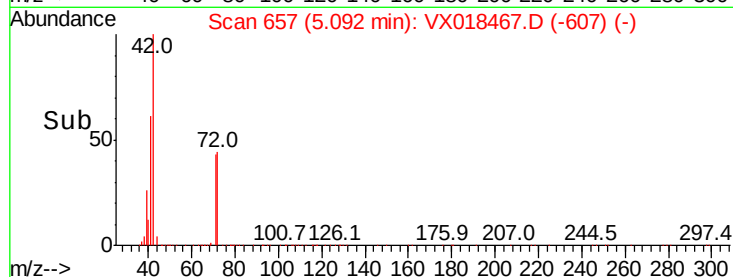
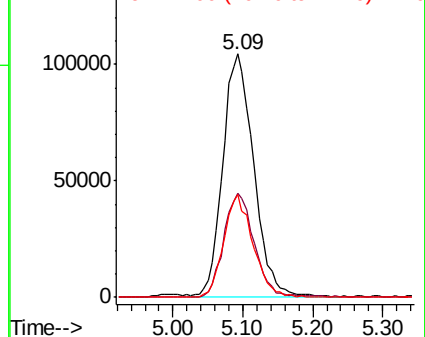
71 39.9 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.032 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX018467.D

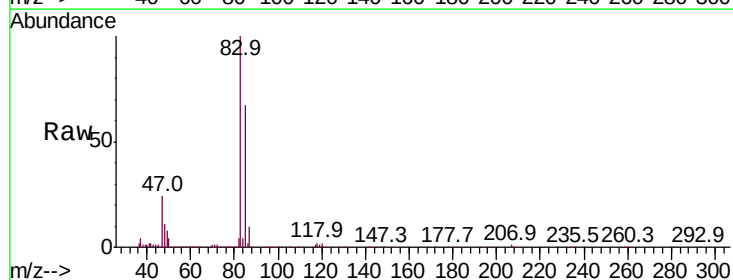
Acq: 17 Sep 2020 15:38

Tgt Ion: 83 Resp: 239090

Ion Ratio Lower Upper

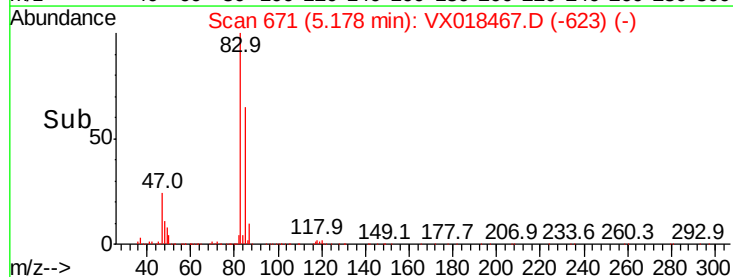
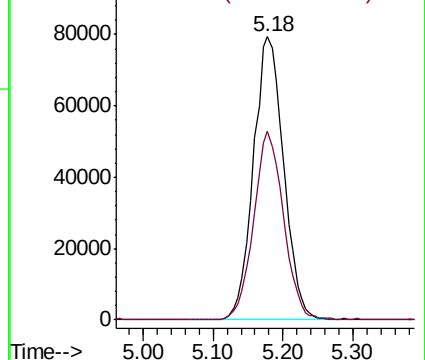
83 100

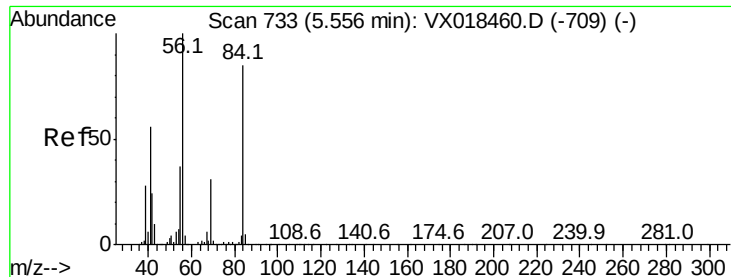
85 66.4 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

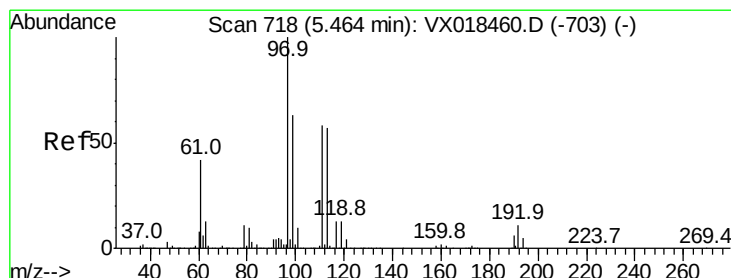
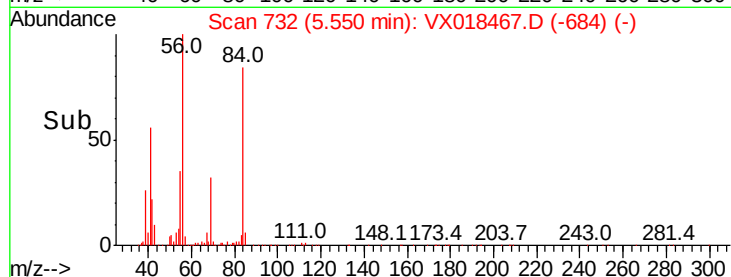
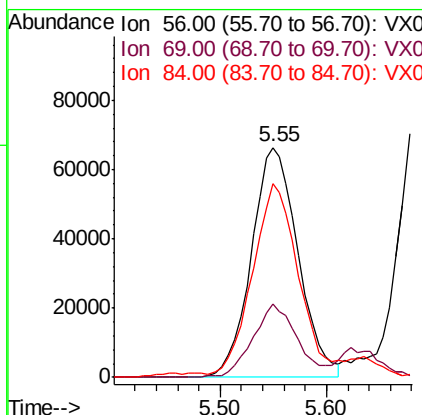
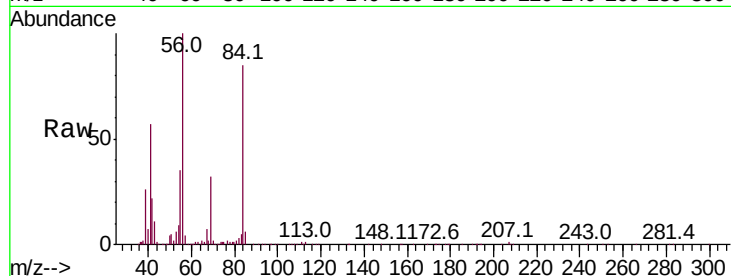




#31
Cyclohexane
Concen: 19.427 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

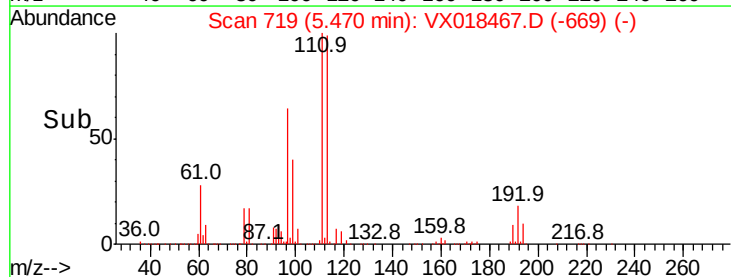
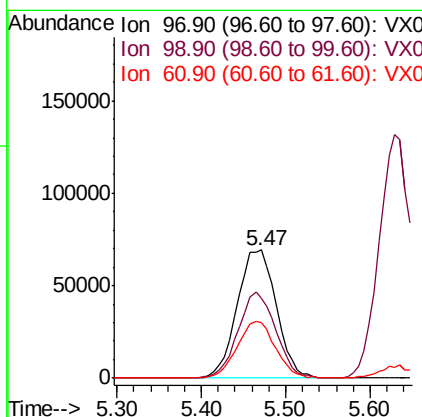
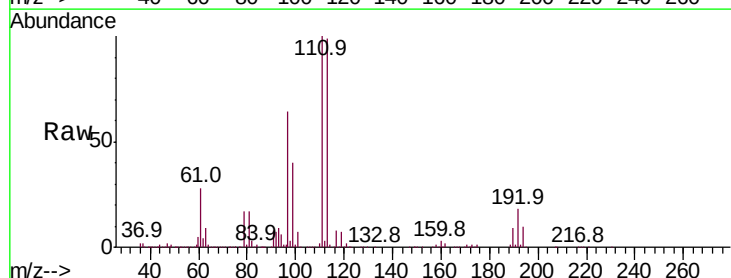
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

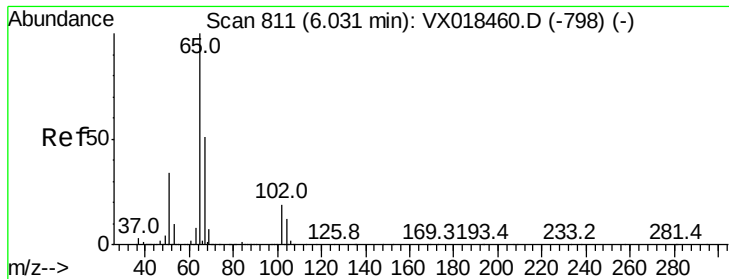
Tot Ion: 56 Resp: 202409
Ion Ratio Lower Upper
56 100
69 31.9 24.8 37.2
84 82.9 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 18.567 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

Tgt Ion: 97 Resp: 218812
Ion Ratio Lower Upper
97 100
99 64.7 50.5 75.7
61 43.0 33.4 50.2

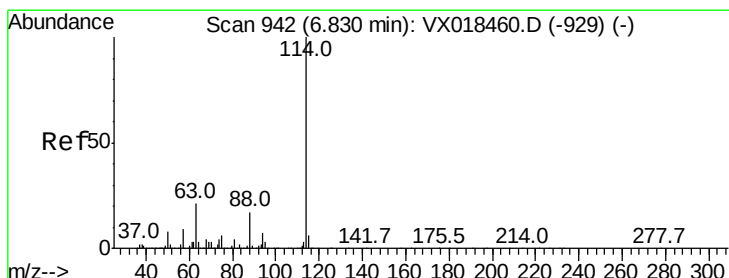
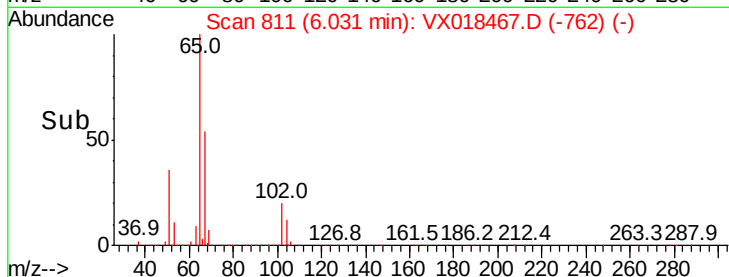
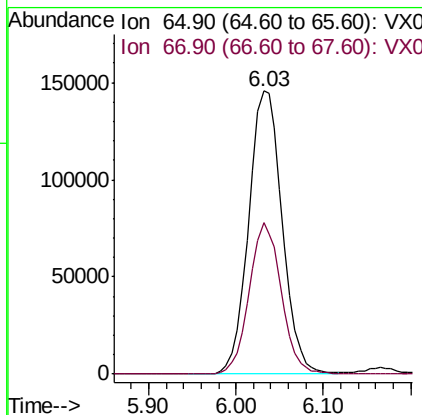
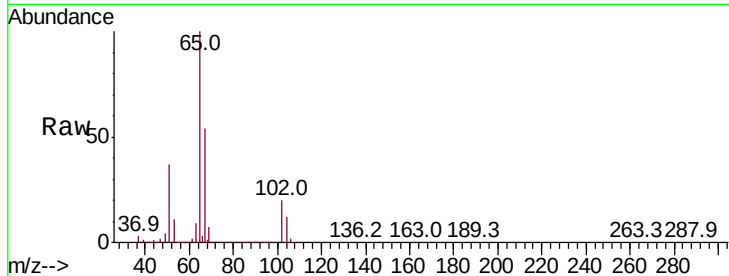




#33
 1,2-Dichloroethane-d4
 Concen: 44.981 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018467.D
 Acq: 17 Sep 2020 15:38

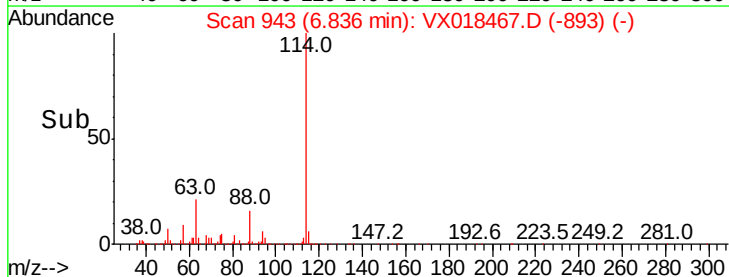
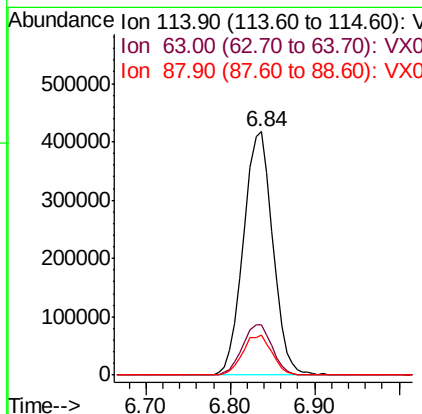
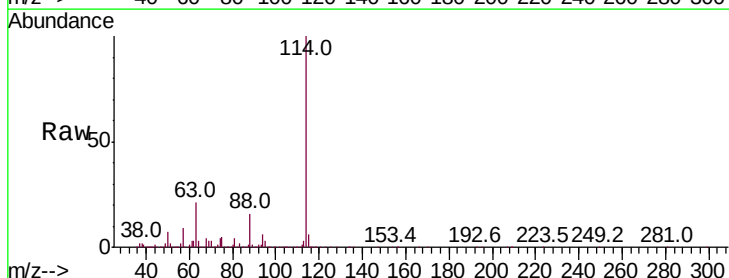
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBSD01

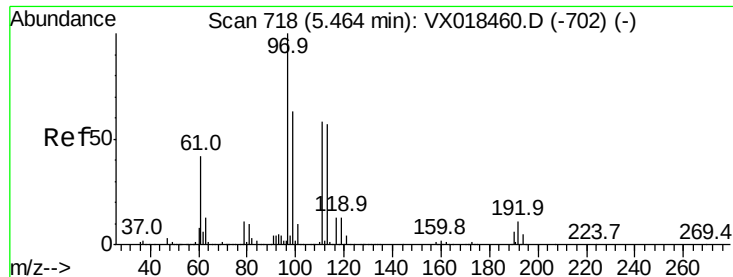
Tot Ion: 65 Resp: 387266
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX018467.D
 Acq: 17 Sep 2020 15:38

Tgt Ion: 114 Resp: 983753
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.8
 88 16.5 0.0 33.6

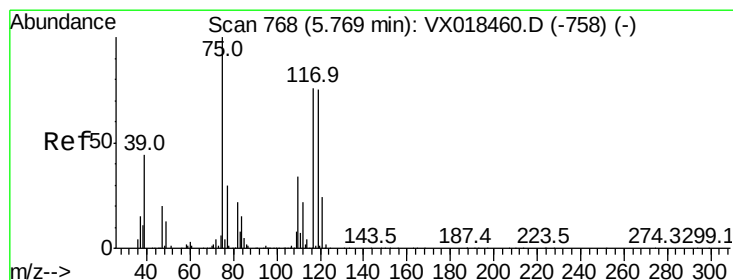
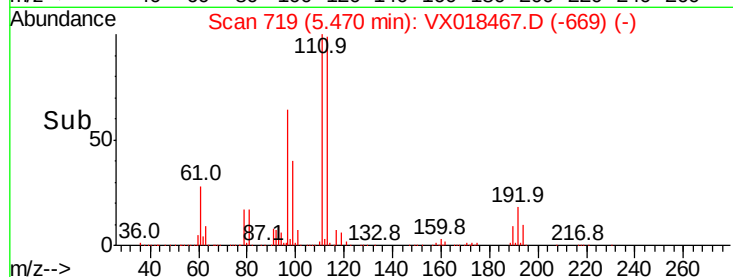
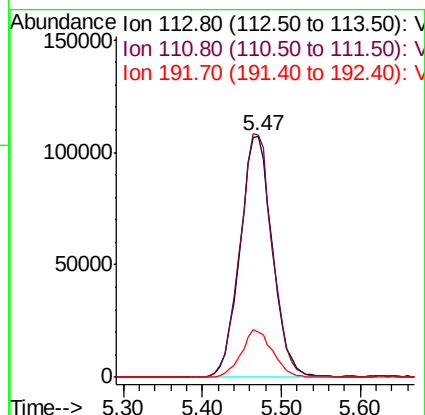
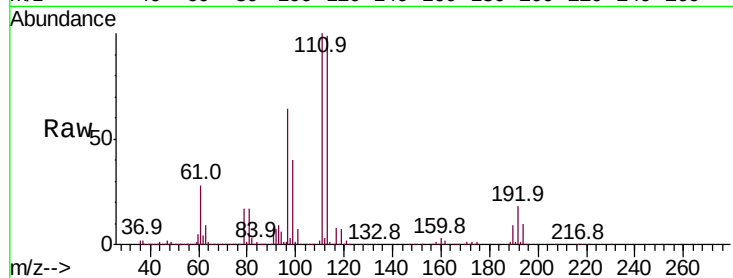




#35
Dibromofluoromethane
Concen: 44.947 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

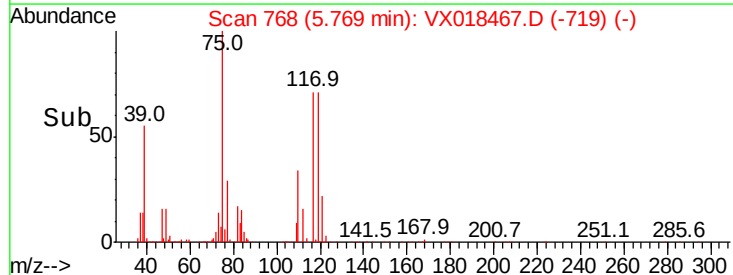
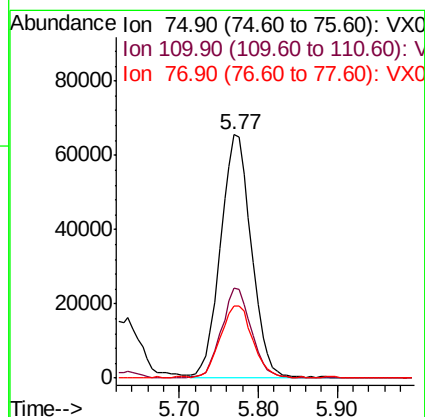
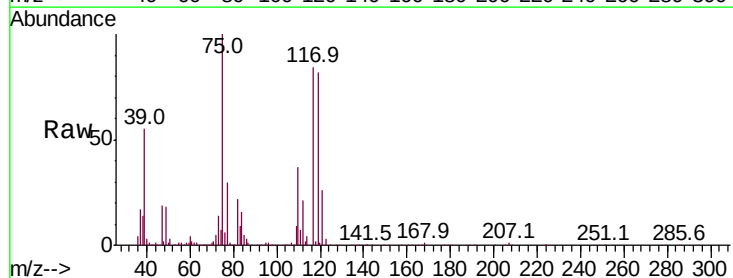
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

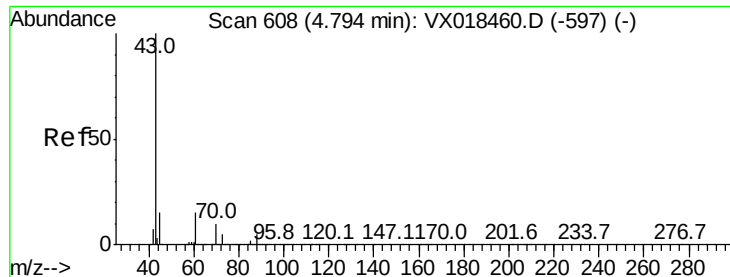
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.4	122.2
192	19.3	16.6	24.8



#36
1,1-Dichloropropene
Concen: 18.548 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.6	52.8
77	31.9	25.0	37.6

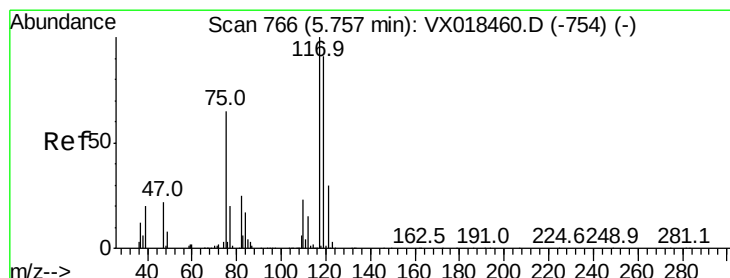
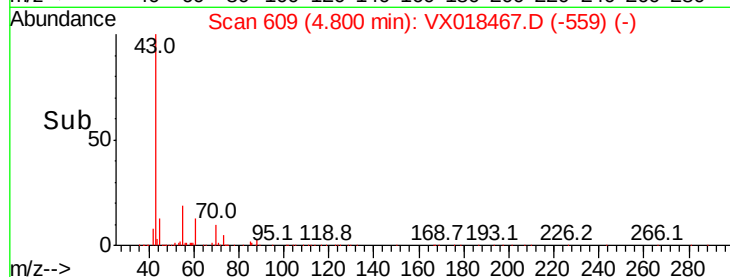
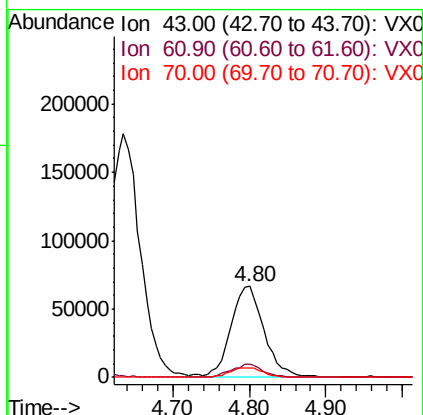
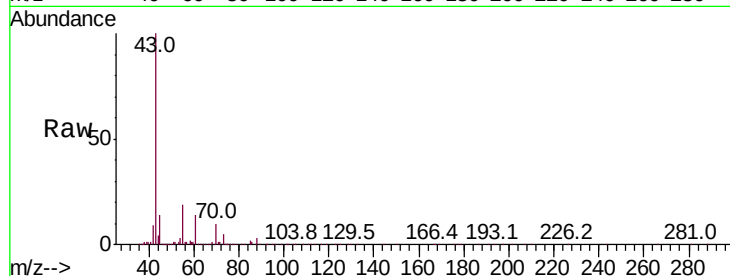




#37
Ethyl Acetate
Concen: 19.446 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

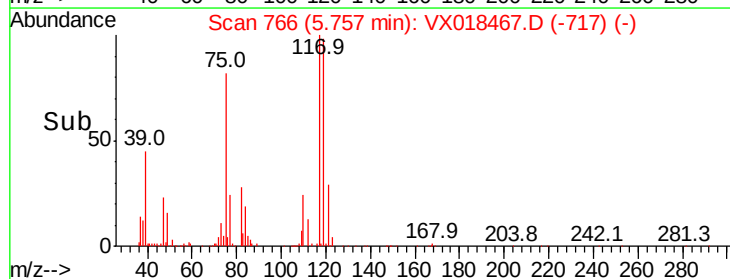
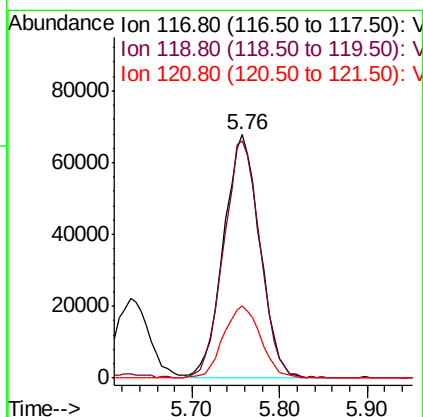
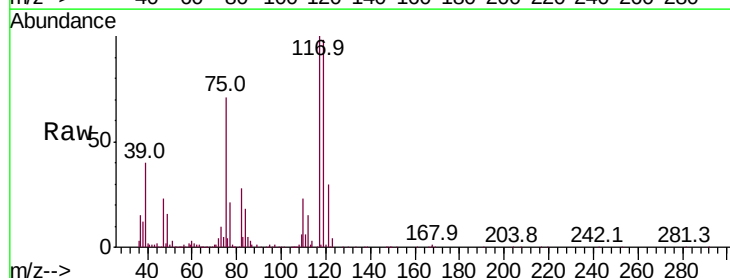
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

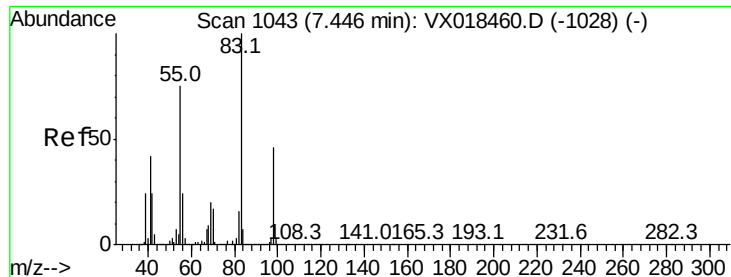
Tot Ion: 43 Resp: 198281
Ion Ratio Lower Upper
43 100
61 13.3 10.9 16.3
70 11.2 8.3 12.5



#38
Carbon Tetrachloride
Concen: 18.392 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

Tgt Ion: 117 Resp: 194493
Ion Ratio Lower Upper
117 100
119 97.3 72.3 108.5
121 29.8 23.8 35.8





#39

Methylvlcyclohexane

Concen: 18.554 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

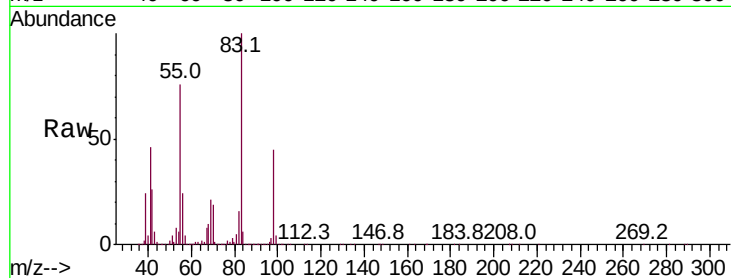
Tot Ion: 83 Resp: 199031

Ion Ratio Lower Upper

83 100

55 75.4 60.2 90.4

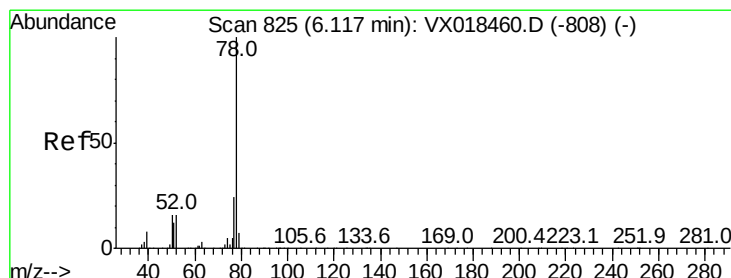
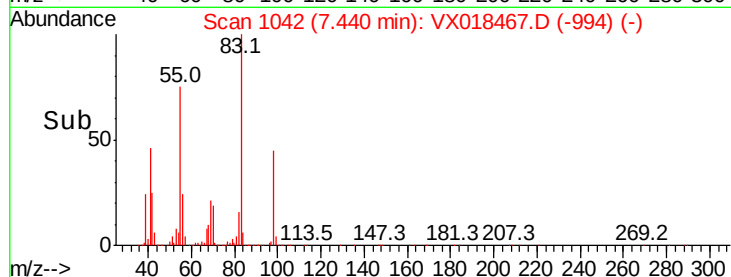
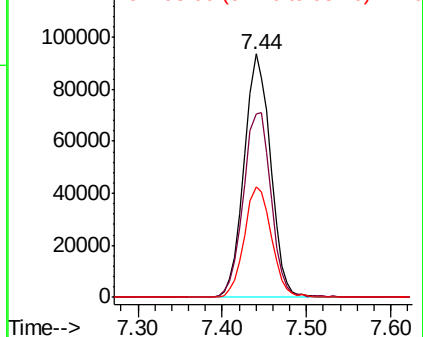
98 45.1 36.4 54.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 18.672 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX018467.D

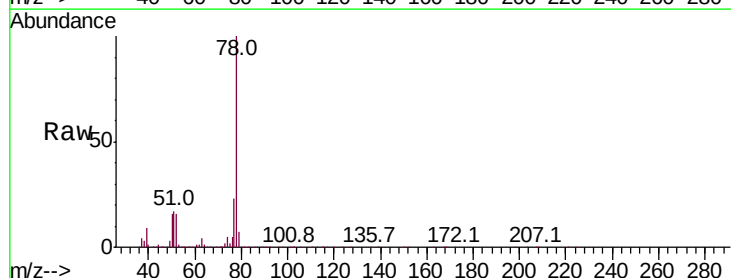
Acq: 17 Sep 2020 15:38

Tgt Ion: 78 Resp: 510931

Ion Ratio Lower Upper

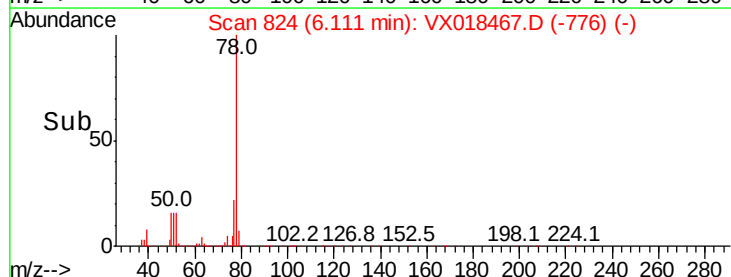
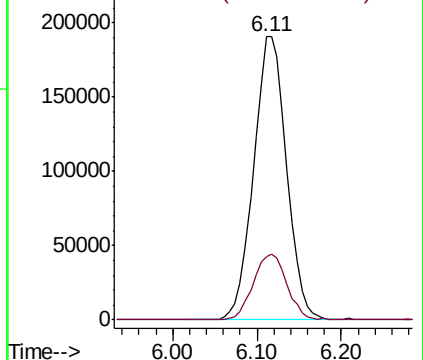
78 100

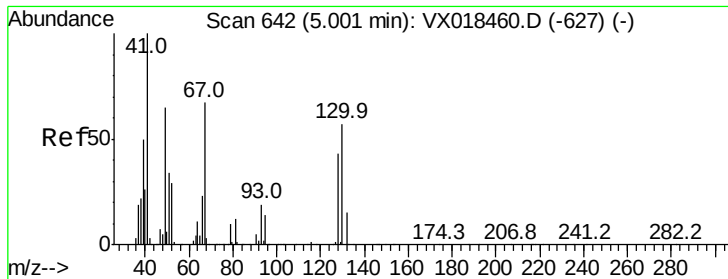
77 22.6 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 18.481 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

Tot Ion: 41 Resp: 104707

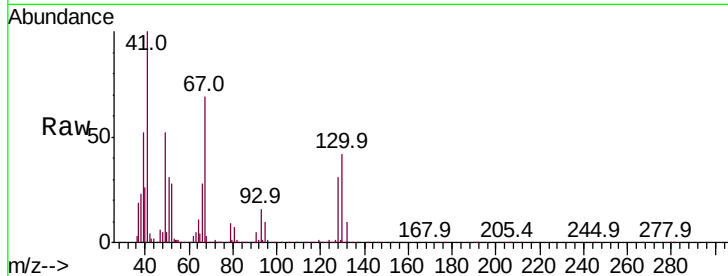
Ion Ratio Lower Upper

41 100

39 52.8 45.3 67.9

67 69.3 56.7 85.1

52 29.2 23.4 35.0

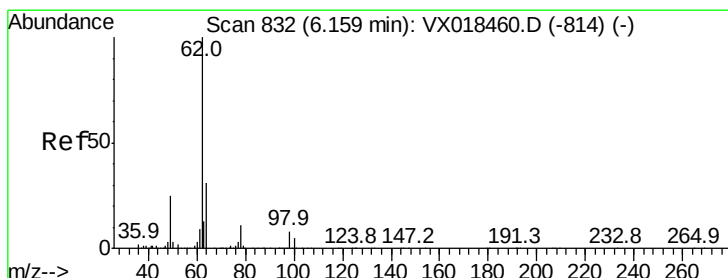
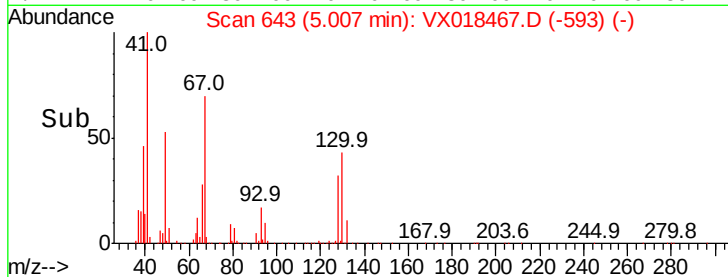
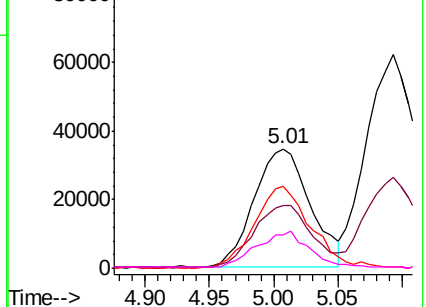


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.468 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX018467.D

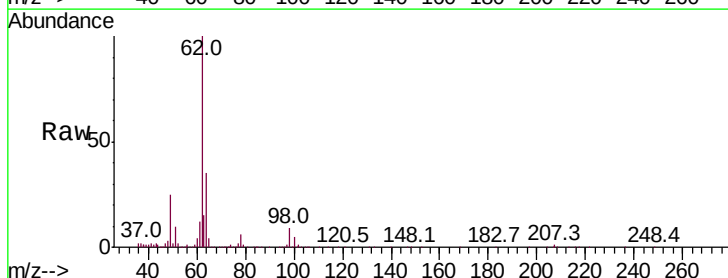
Acq: 17 Sep 2020 15:38

Tgt Ion: 62 Resp: 196600

Ion Ratio Lower Upper

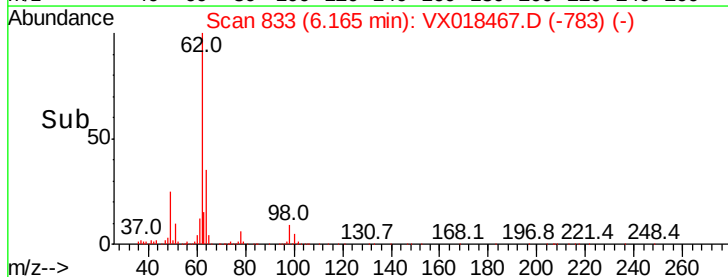
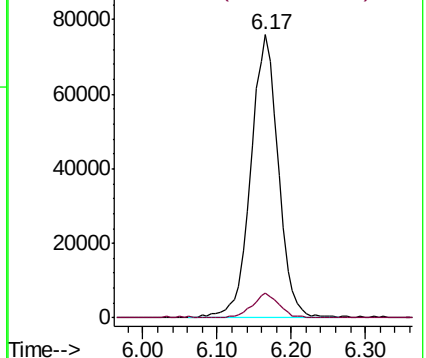
62 100

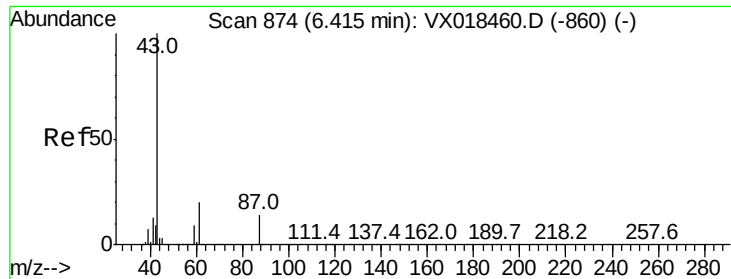
98 8.7 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.715 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

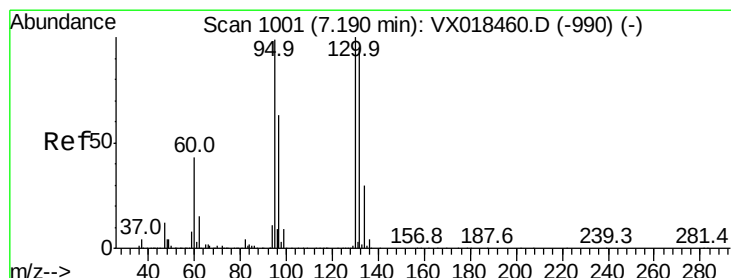
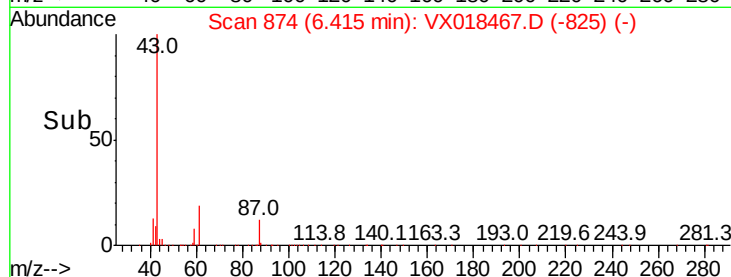
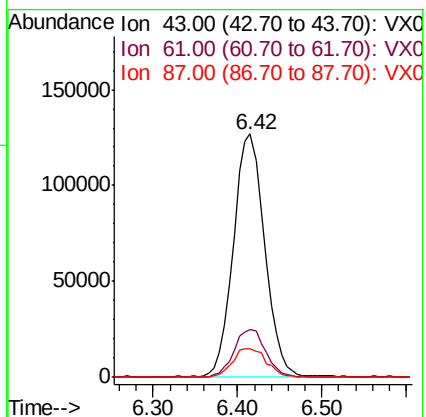
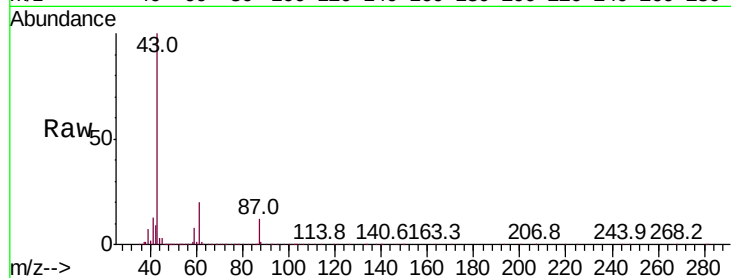
Tot Ion: 43 Resp: 316655

Ion Ratio Lower Upper

43 100

61 20.3 15.7 23.5

87 13.1 10.4 15.6



#44

Trichloroethene

Concen: 18.700 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018467.D

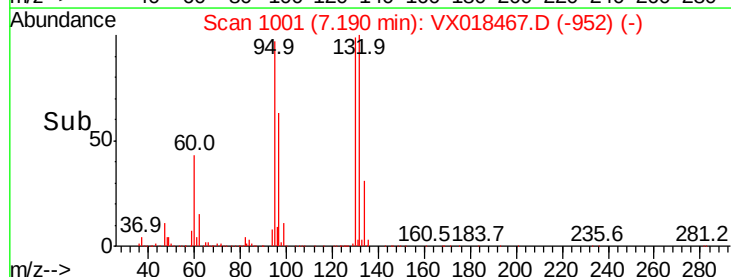
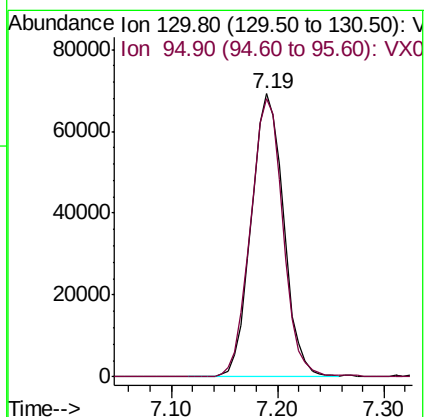
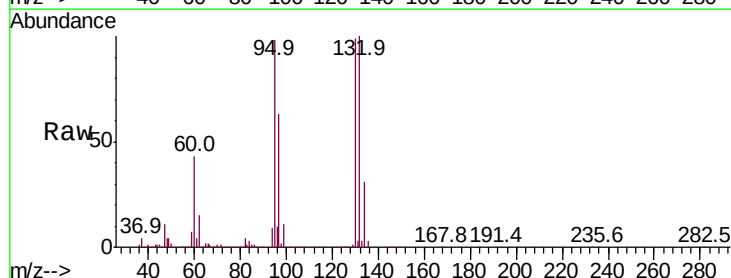
Acq: 17 Sep 2020 15:38

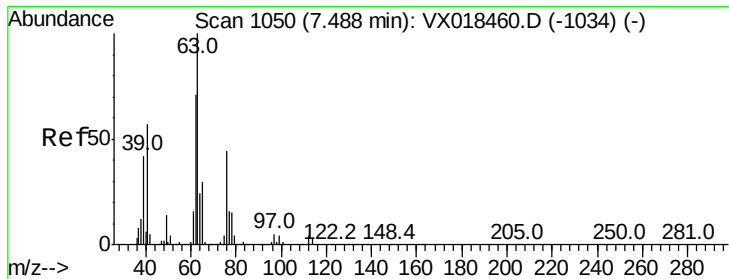
Tgt Ion: 130 Resp: 148135

Ion Ratio Lower Upper

130 100

95 98.2 0.0 197.4





#45

1,2-Dichloropropane

Concen: 18.496 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

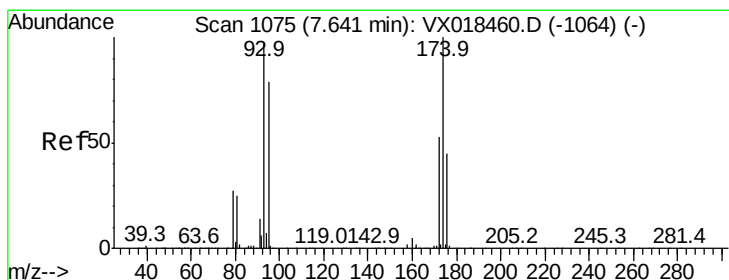
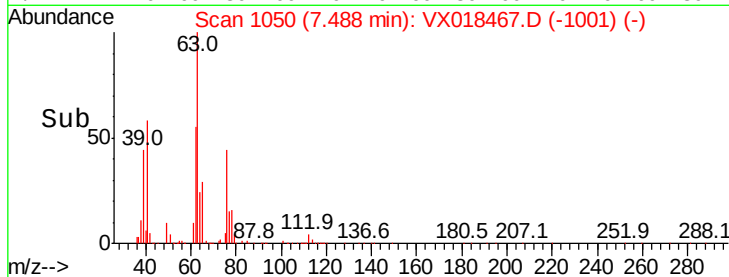
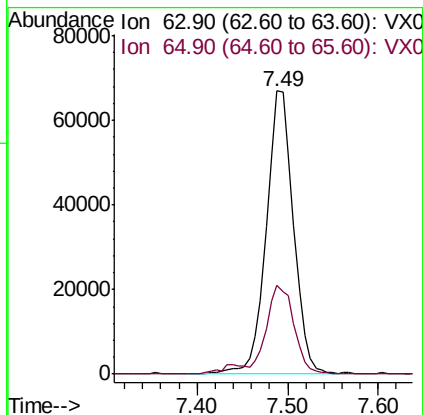
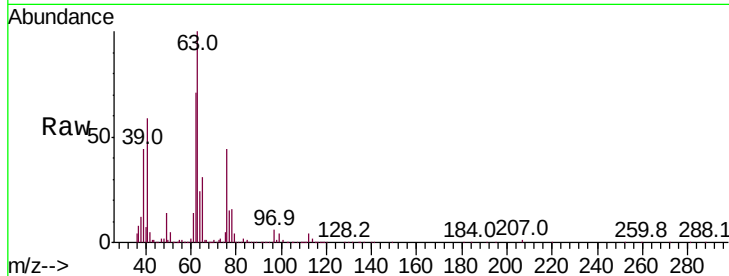
VX0917WBSD01

Tot Ion: 63 Resp: 138915

Ion Ratio Lower Upper

63 100

65 31.1 24.1 36.1



#46

Dibromomethane

Concen: 18.317 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

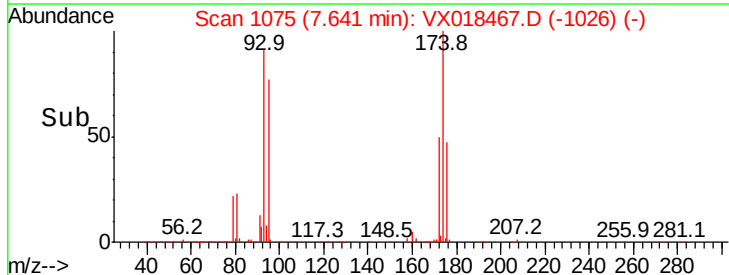
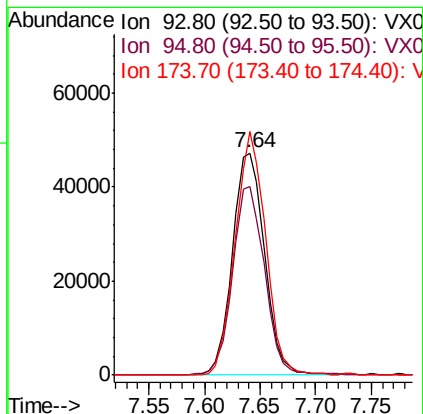
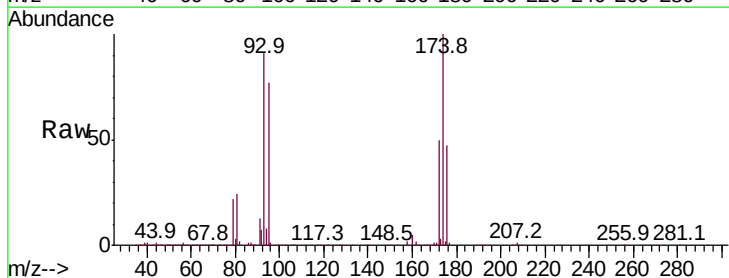
Tgt Ion: 93 Resp: 94517

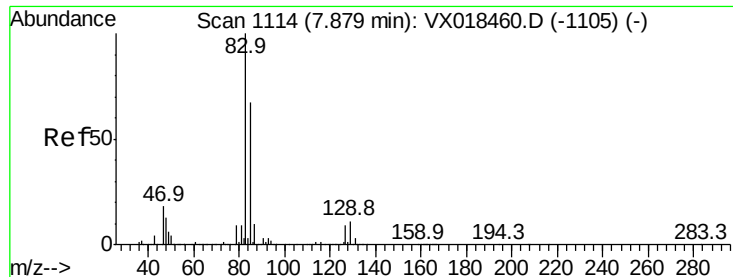
Ion Ratio Lower Upper

93 100

95 84.3 65.0 97.4

174 103.8 82.0 123.0





#47

Bromodichloromethane

Concen: 18.601 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

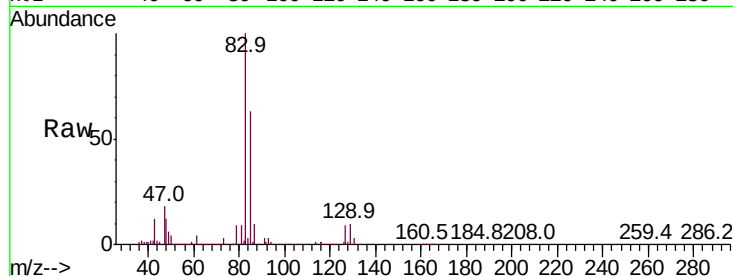
Tot Ion: 83 Resp: 193438

Ion Ratio Lower Upper

83 100

85 63.0 53.3 79.9

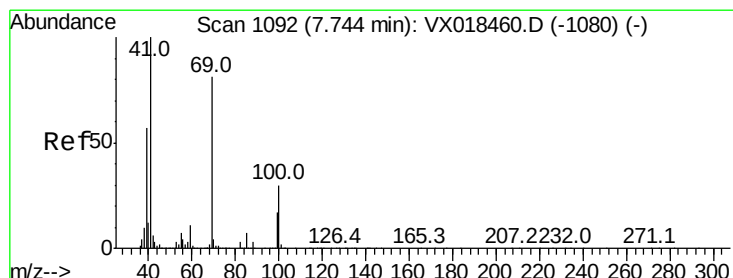
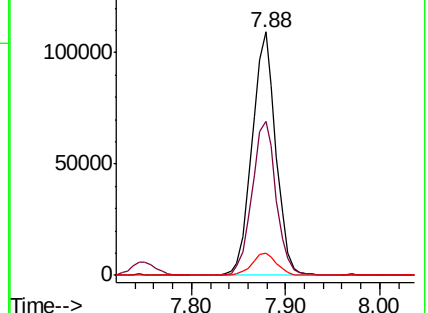
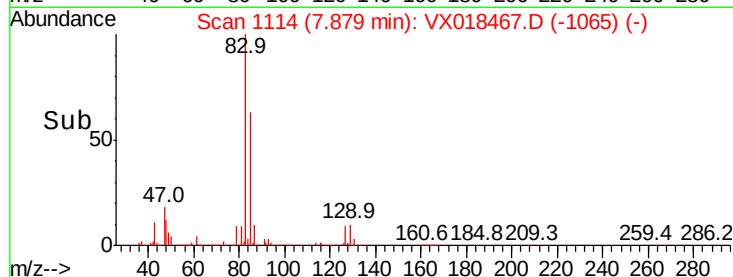
127 9.2 7.4 11.2



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): VX0



#48

Methyl methacrylate

Concen: 18.648 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

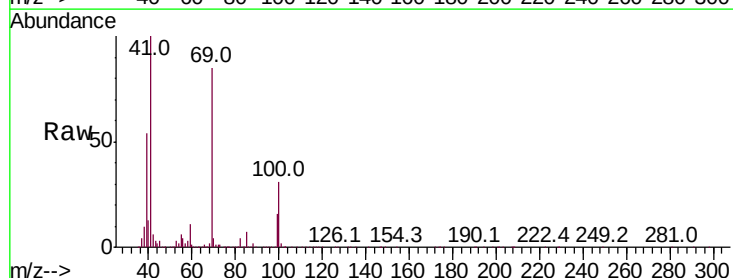
Tgt Ion: 41 Resp: 153580

Ion Ratio Lower Upper

41 100

69 82.1 63.7 95.5

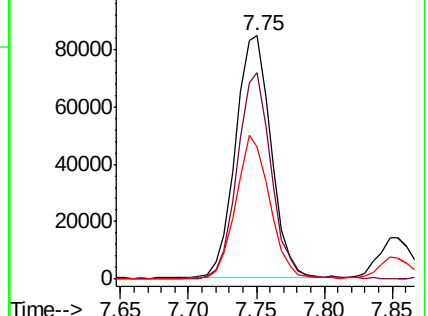
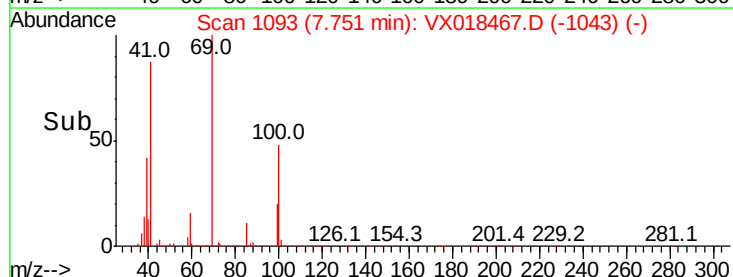
39 56.3 45.0 67.4

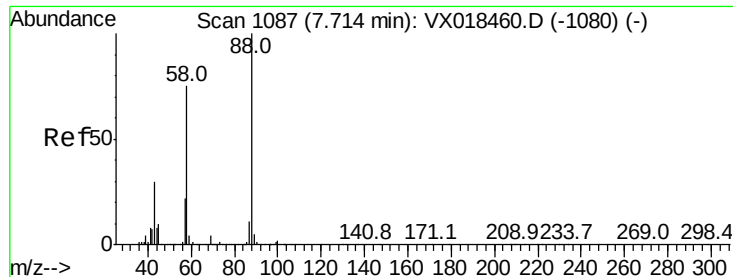


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 350.221 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

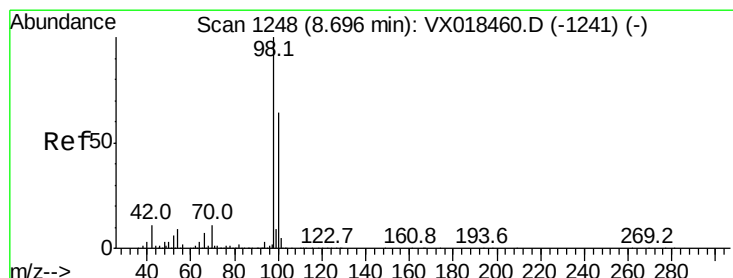
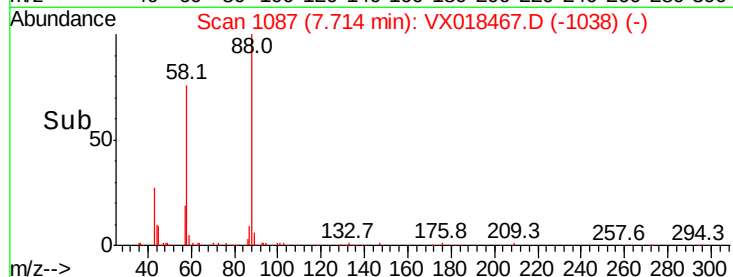
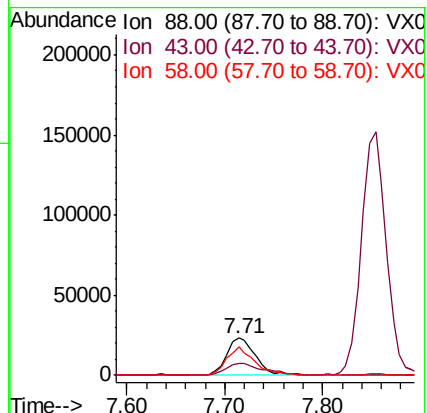
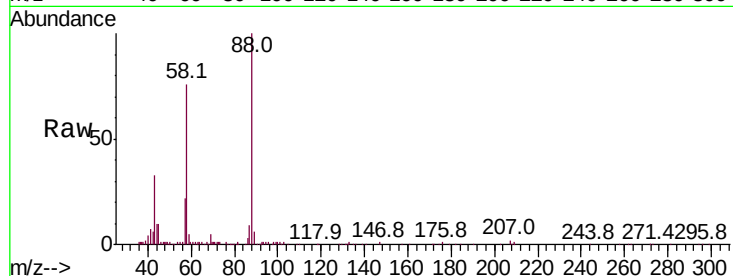
Tot Ion: 88 Resp: 47658

Ion Ratio Lower Upper

88 100

43 40.9 29.9 44.9

58 72.8 59.0 88.6



#50

Toluene-d8

Concen: 45.319 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018467.D

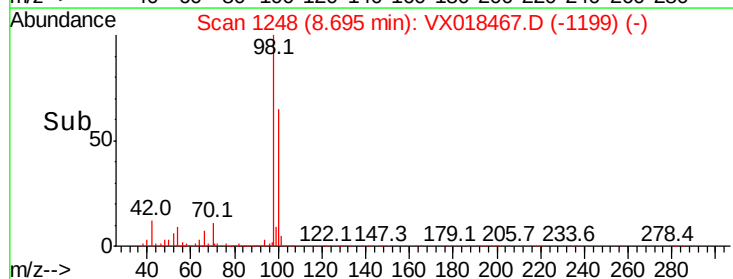
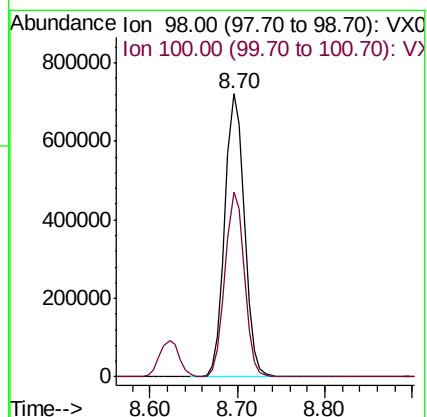
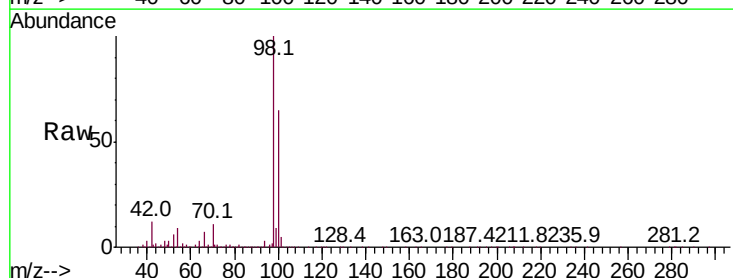
Acq: 17 Sep 2020 15:38

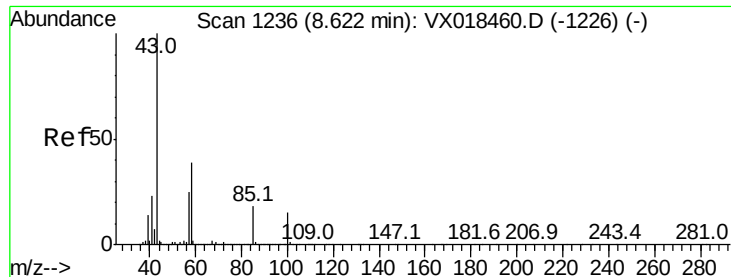
Tgt Ion: 98 Resp: 1119811

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5

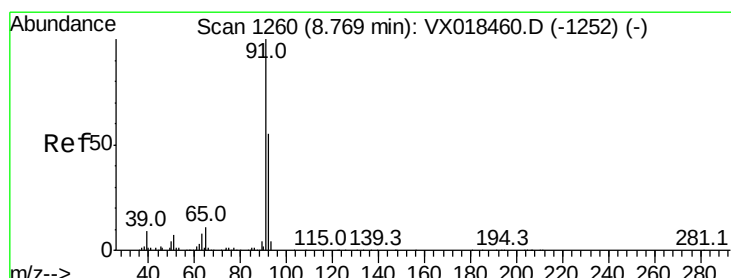
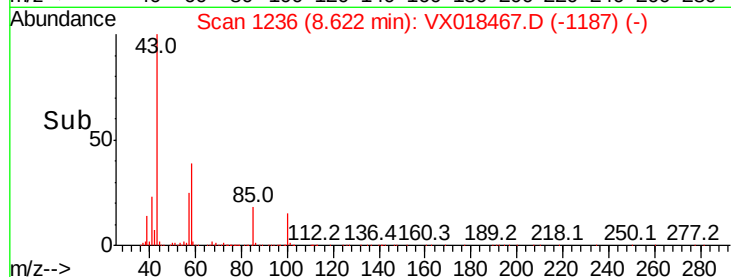
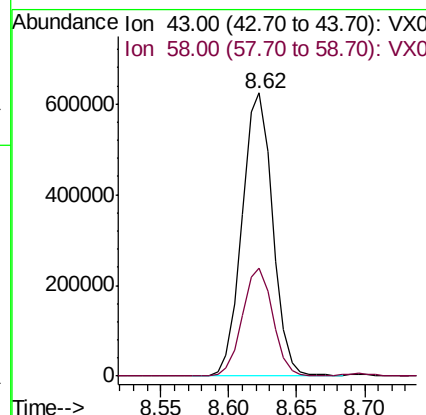
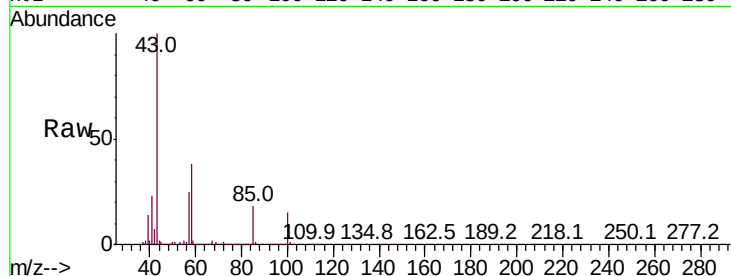




#51
4-Methyl-2-Pentanone
Concen: 97.261 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

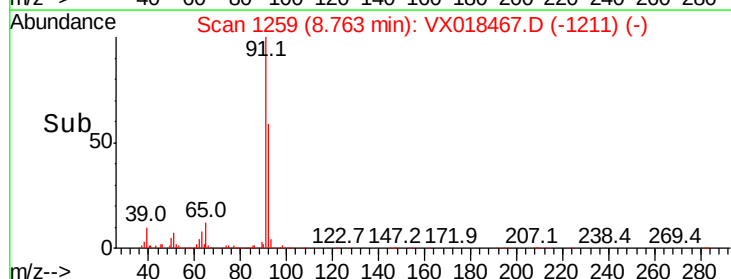
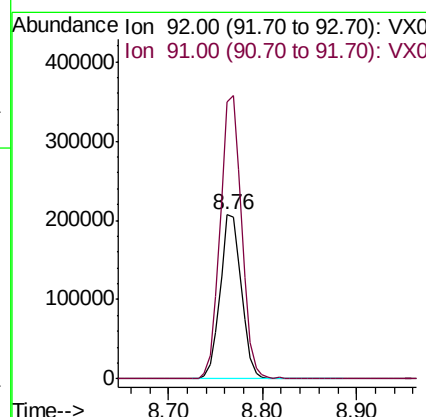
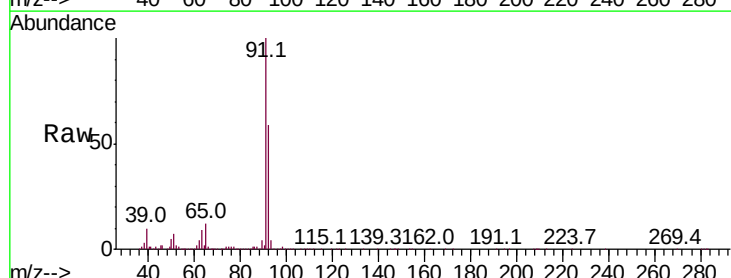
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

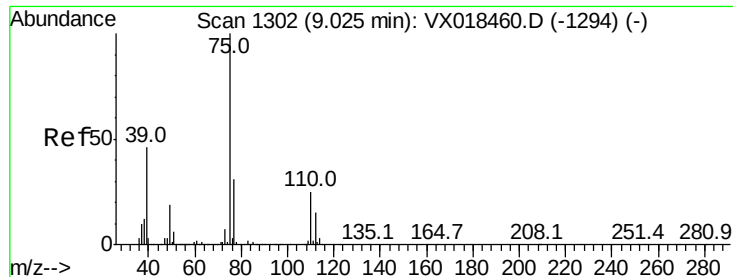
Tot Ion: 43 Resp: 979855
Ion Ratio Lower Upper
43 100
58 38.3 30.9 46.3



#52
Toluene
Concen: 18.885 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

Tgt Ion: 92 Resp: 325197
Ion Ratio Lower Upper
92 100
91 173.2 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 18.680 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

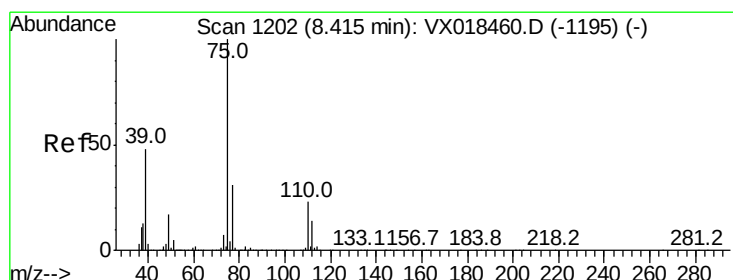
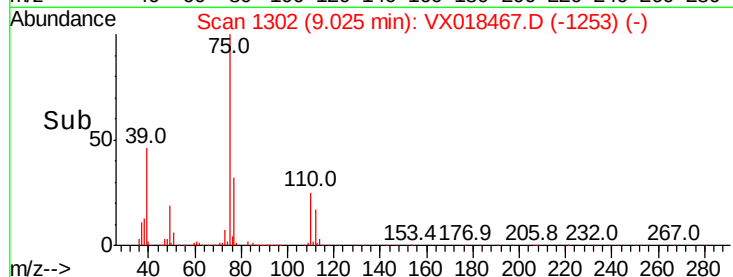
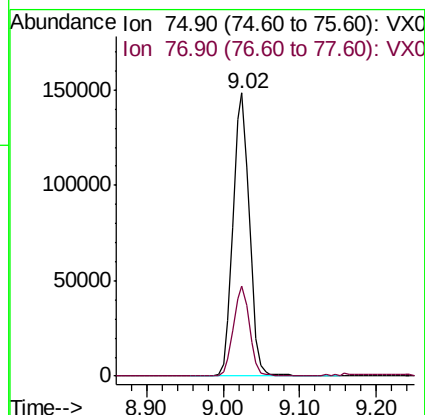
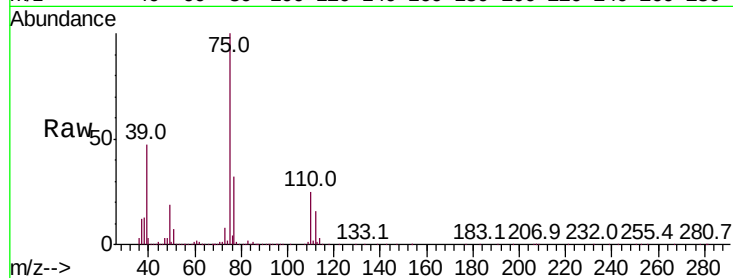
VX0917WBSD01

Tot Ion: 75 Resp: 220740

Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.070 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

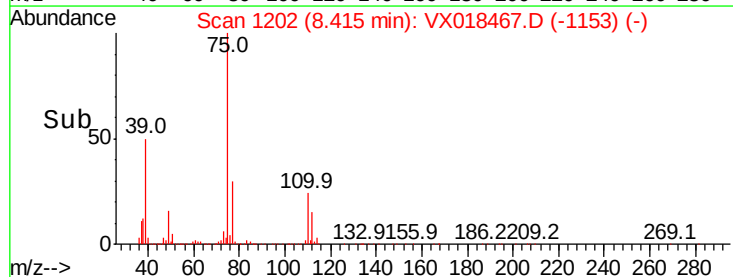
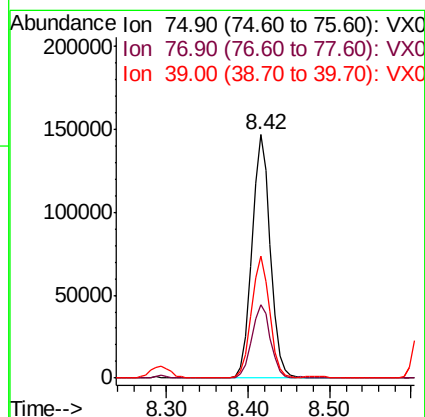
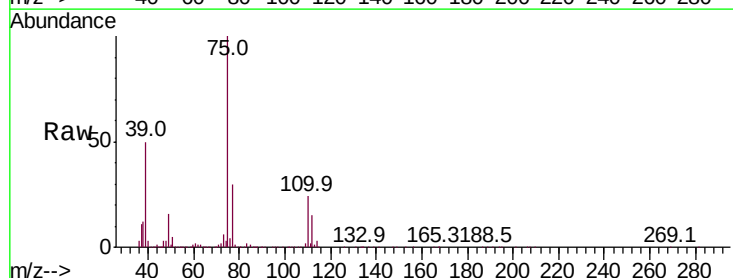
Tgt Ion: 75 Resp: 232152

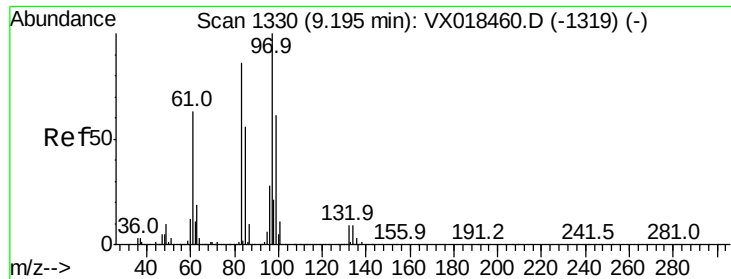
Ion Ratio Lower Upper

75 100

77 30.1 24.8 37.2

39 50.4 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 18.807 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

Tot Ion: 97 Resp: 134380

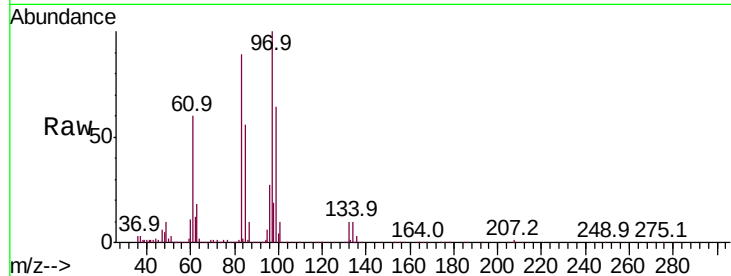
Ion Ratio Lower Upper

97 100

83 88.6 68.5 102.7

85 55.6 44.8 67.2

99 63.3 48.9 73.3

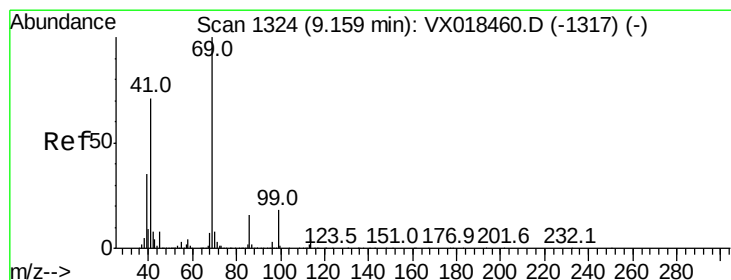
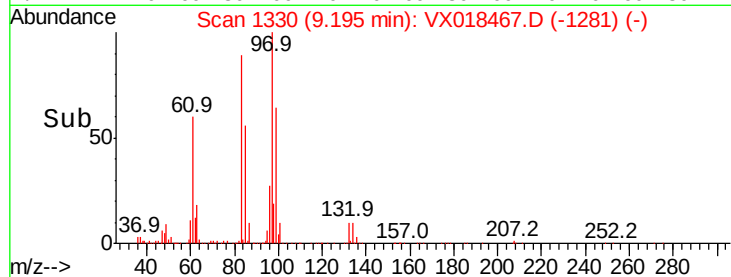
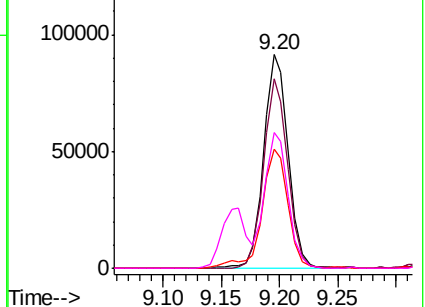


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.017 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

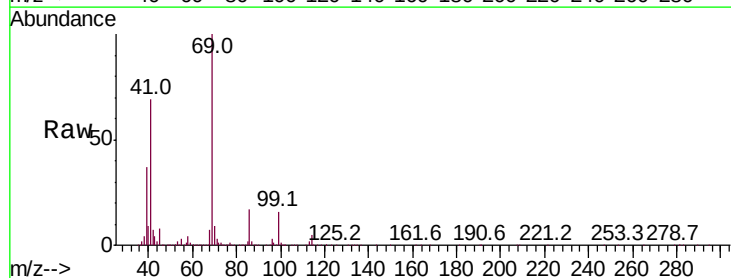
Tgt Ion: 69 Resp: 201478

Ion Ratio Lower Upper

69 100

41 68.9 54.6 81.8

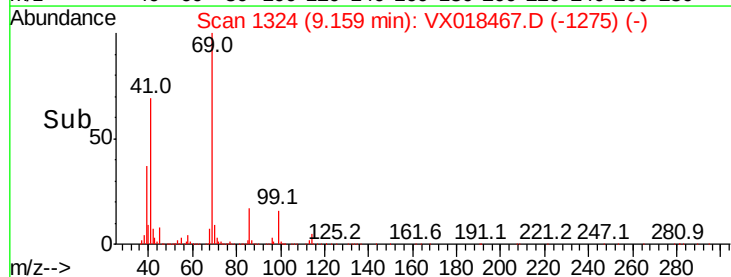
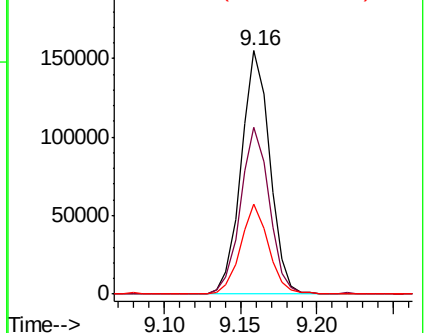
39 36.2 29.3 43.9

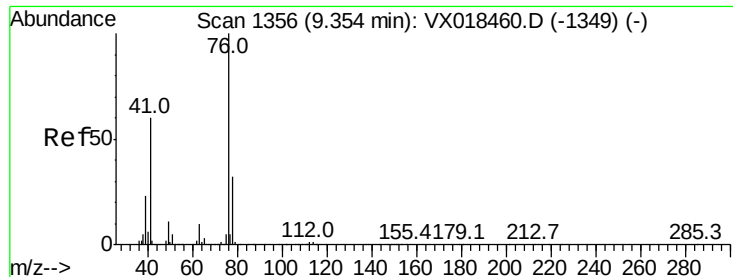


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.727 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

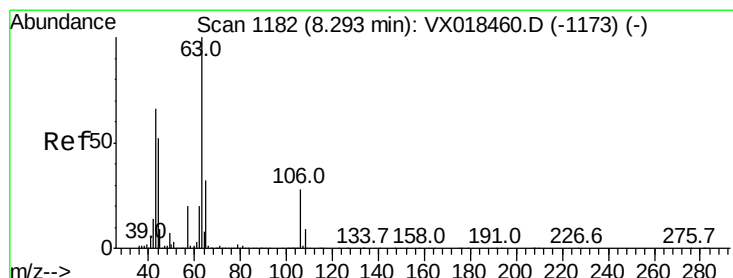
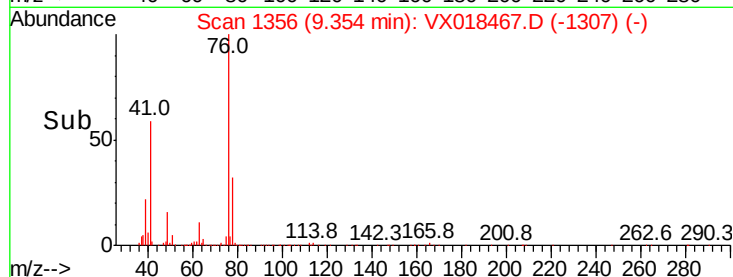
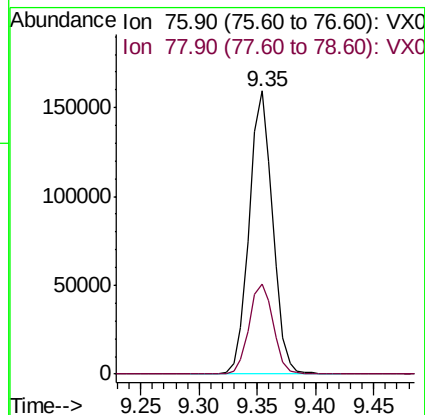
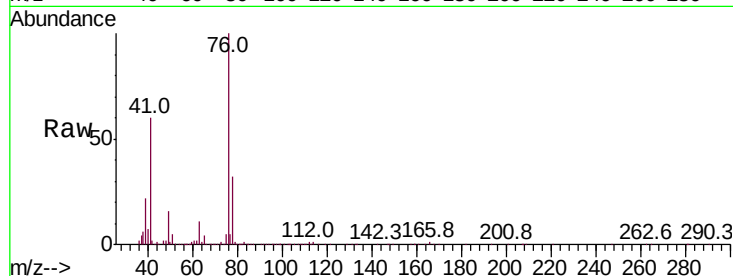
VX0917WBSD01

Tot Ion: 76 Resp: 224817

Ion Ratio Lower Upper

76 100

78 33.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 94.656 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018467.D

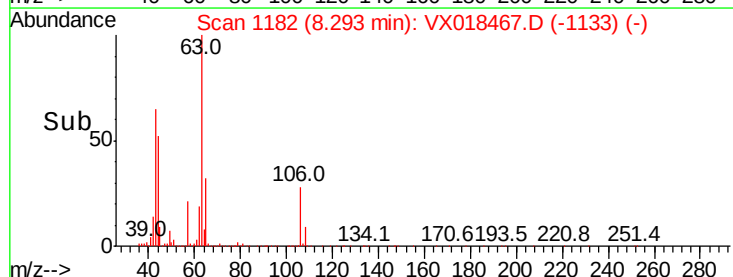
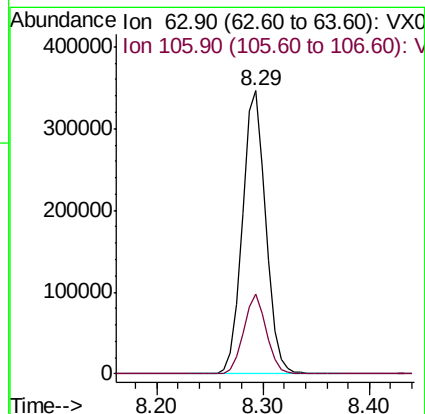
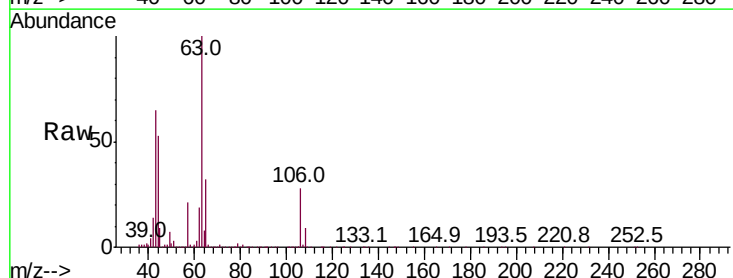
Acq: 17 Sep 2020 15:38

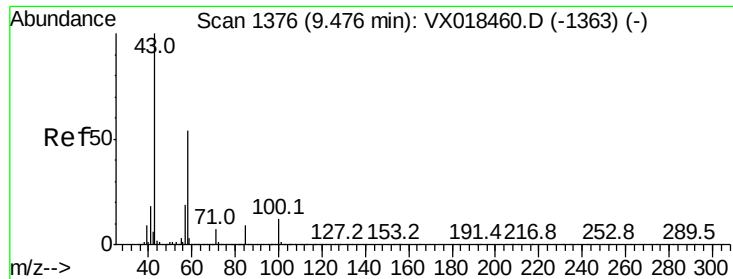
Tgt Ion: 63 Resp: 533180

Ion Ratio Lower Upper

63 100

106 27.3 22.2 33.2

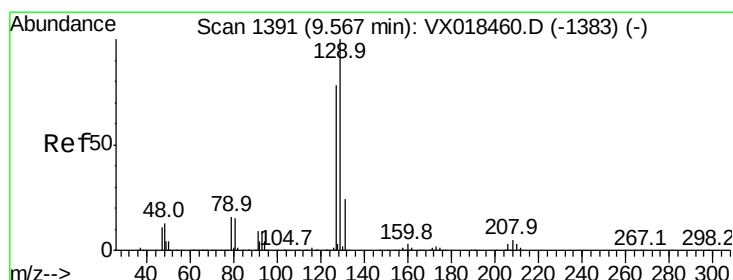
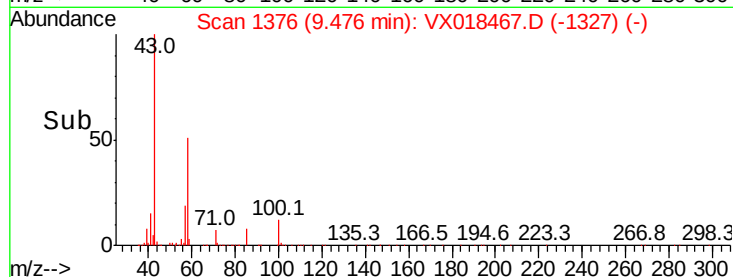
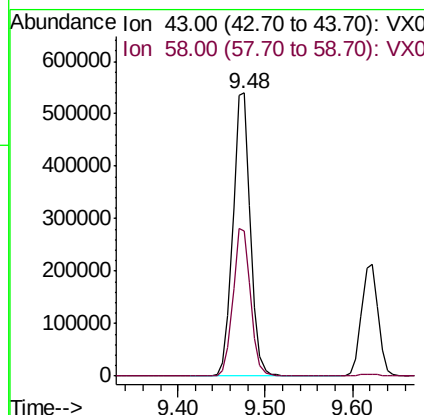
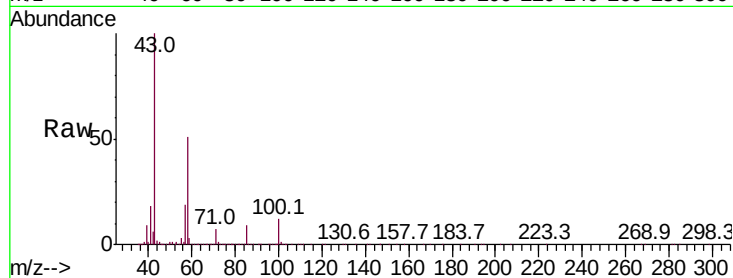




#59
2-Hexanone
Concen: 98.374 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

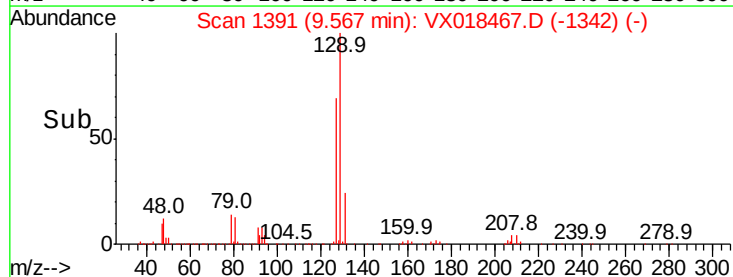
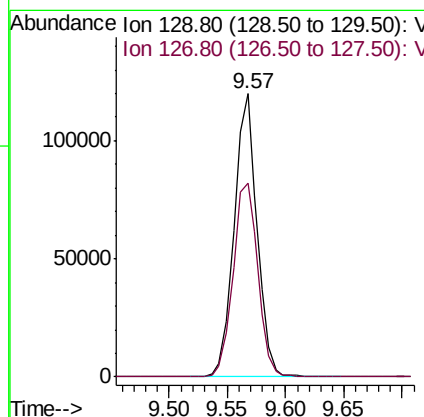
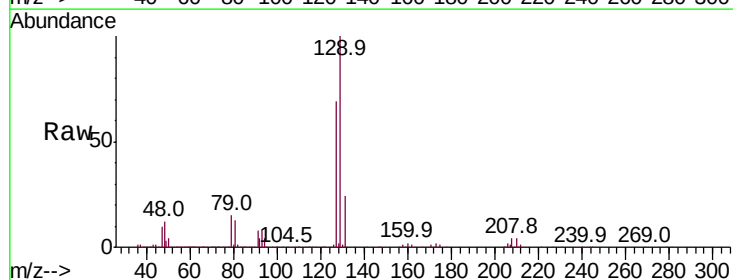
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

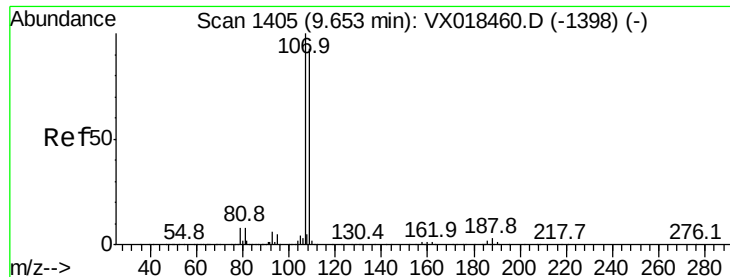
Tot Ion: 43 Resp: 753810
Ion Ratio Lower Upper
43 100
58 52.4 26.5 79.4



#60
Dibromochloromethane
Concen: 19.282 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

Tgt Ion: 129 Resp: 164282
Ion Ratio Lower Upper
129 100
127 74.1 39.0 117.0





#61

1,2-Dibromoethane

Concen: 18.705 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

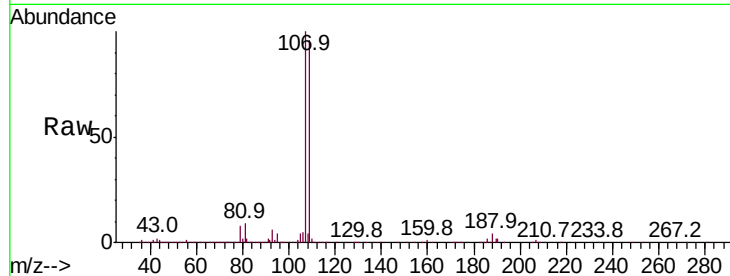
VX0917WBSD01

Tot Ion:107 Resp: 142202

Ion Ratio Lower Upper

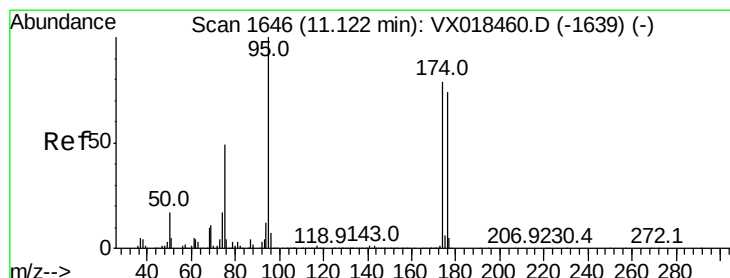
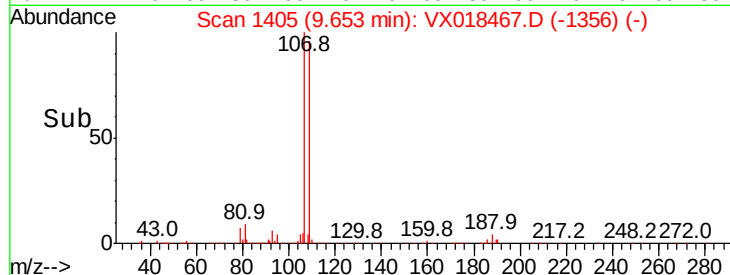
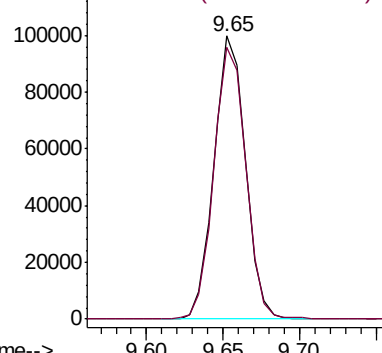
107 100

109 98.6 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.339 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

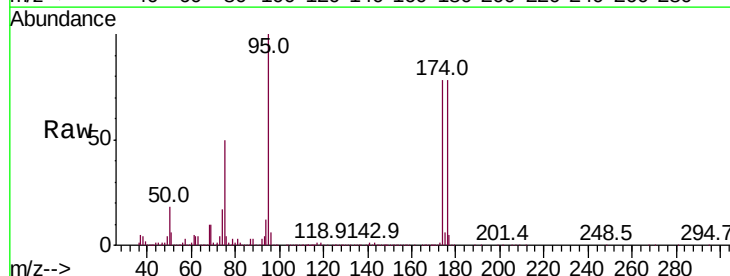
Tgt Ion: 95 Resp: 425980

Ion Ratio Lower Upper

95 100

174 80.3 0.0 161.4

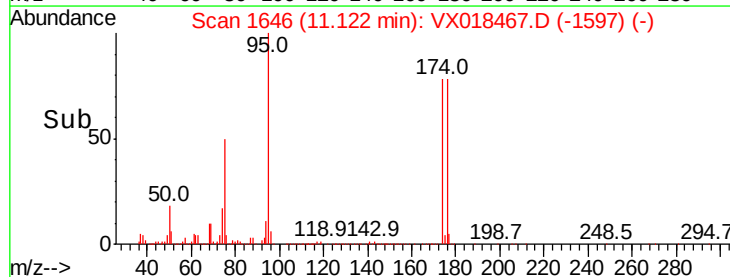
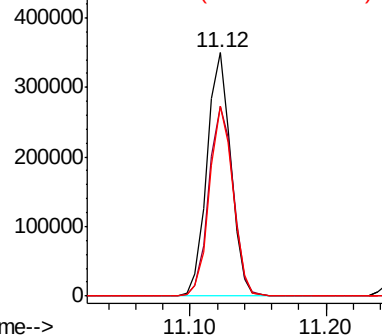
176 77.3 0.0 151.4

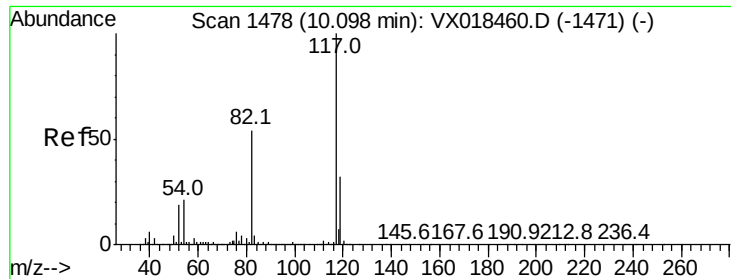


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

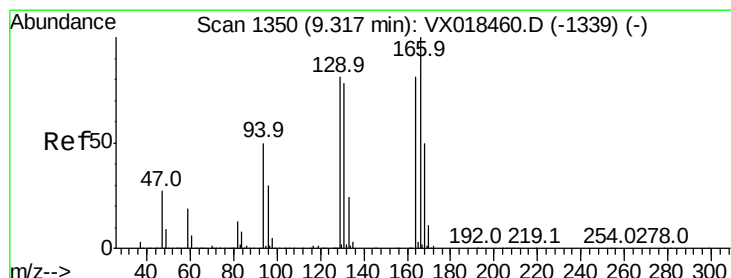
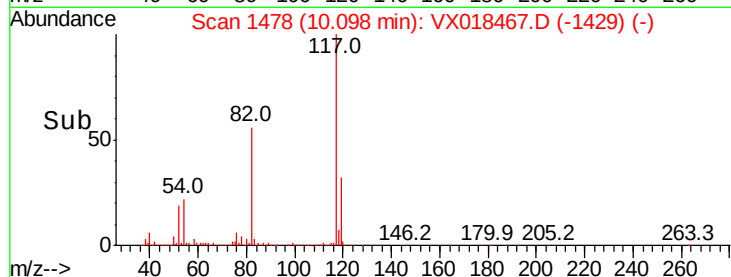
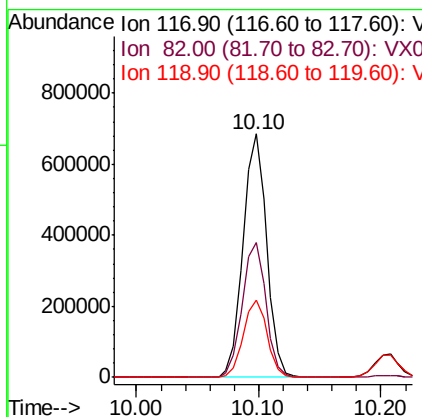
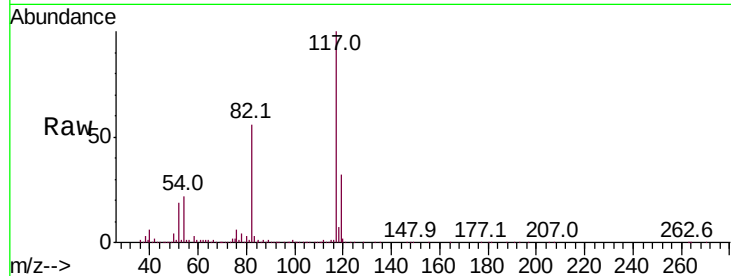




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

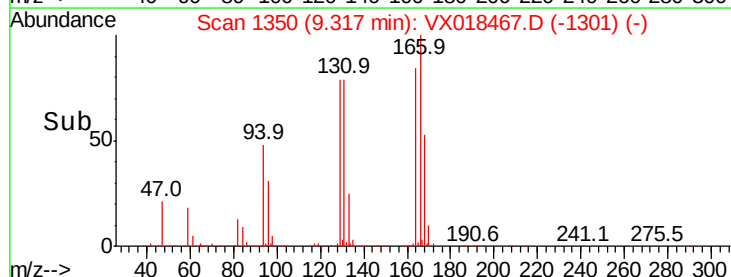
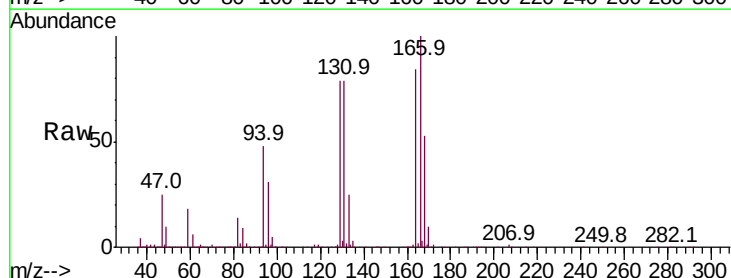
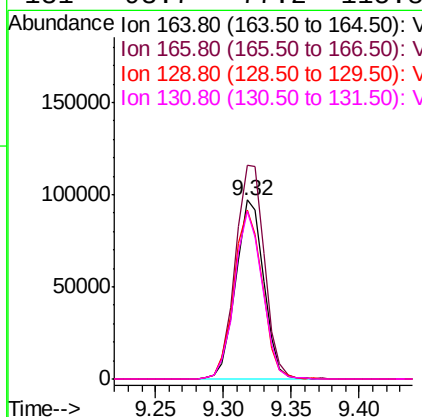
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

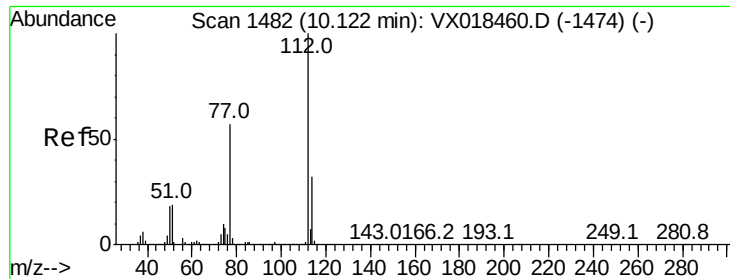
Tot Ion:117 Resp: 913949
Ion Ratio Lower Upper
117 100
82 55.6 43.3 64.9
119 31.6 25.9 38.9



#64
Tetrachloroethene
Concen: 19.385 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

Tgt Ion:164 Resp: 139482
Ion Ratio Lower Upper
164 100
166 119.3 99.3 148.9
129 94.1 80.7 121.1
131 93.7 77.2 115.8

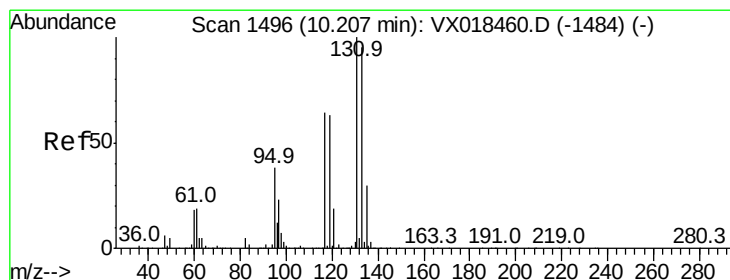
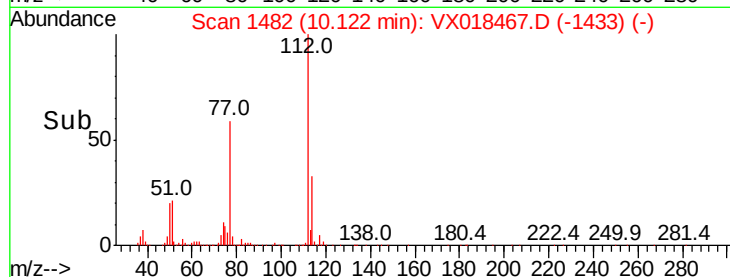
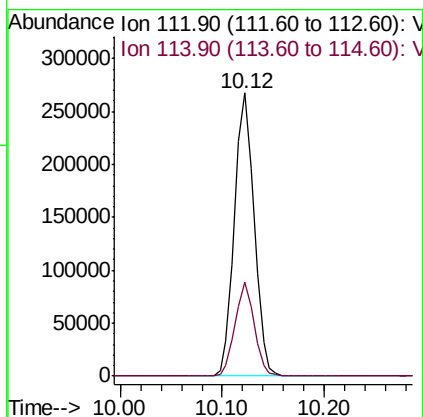
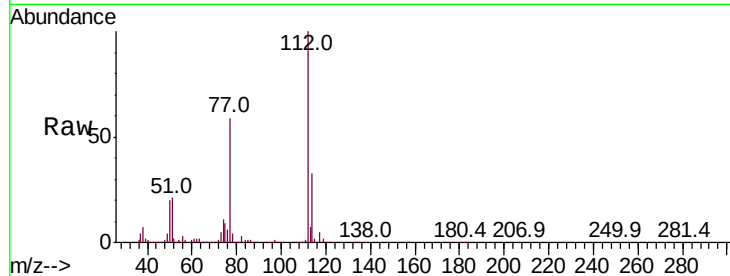




#65
Chlorobenzene
Concen: 18.956 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

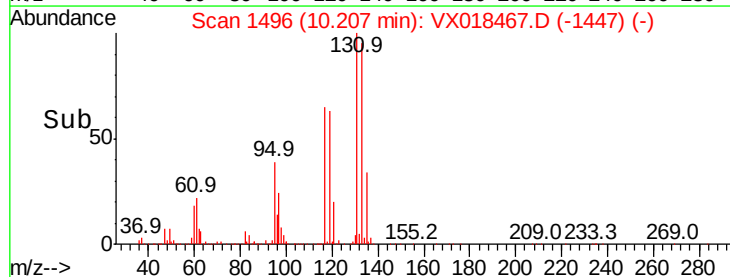
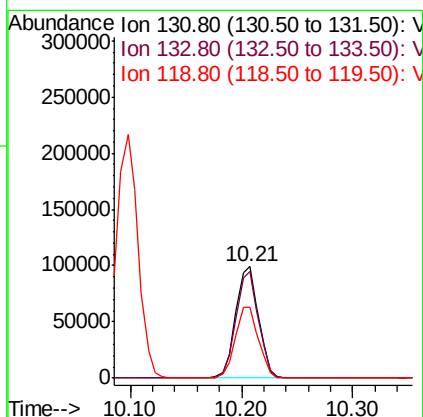
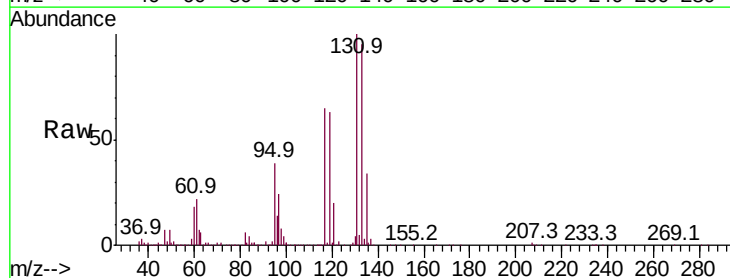
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

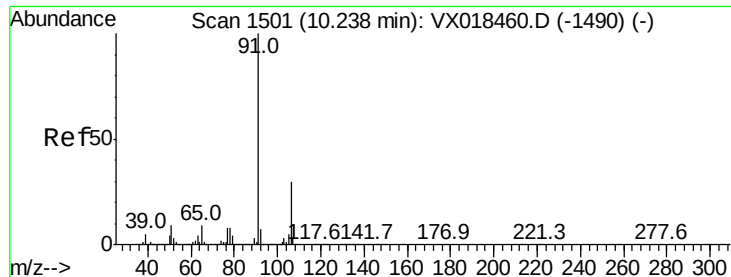
Tot Ion:112 Resp: 356740
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.587 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

Tgt Ion:131 Resp: 140321
Ion Ratio Lower Upper
131 100
133 94.6 47.8 143.4
119 65.4 31.9 95.7





#67

Ethyl Benzene

Concen: 19.278 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

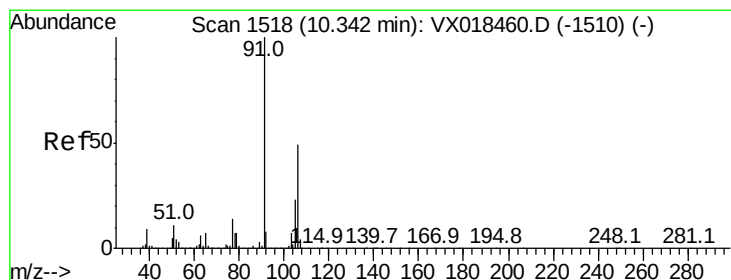
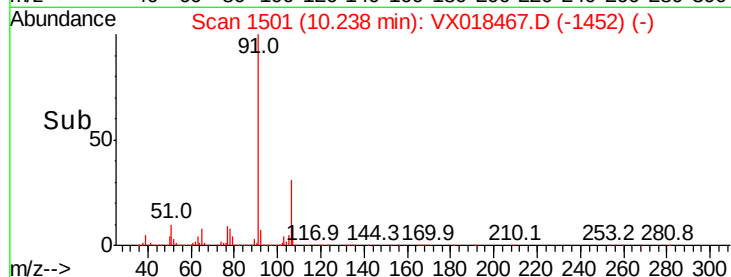
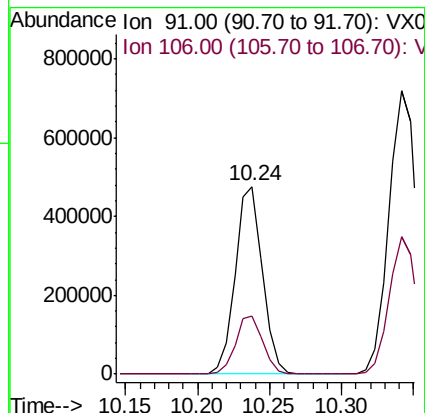
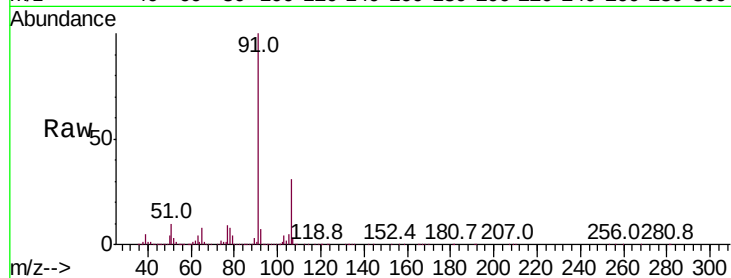
VX0917WBSD01

Tot Ion: 91 Resp: 627977

Ion Ratio Lower Upper

91 100

106 31.2 24.1 36.1



#68

m/p-Xylenes

Concen: 37.777 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018467.D

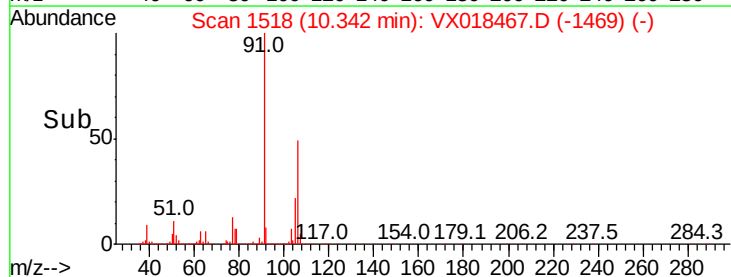
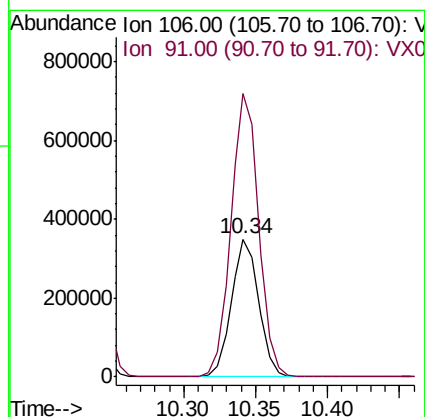
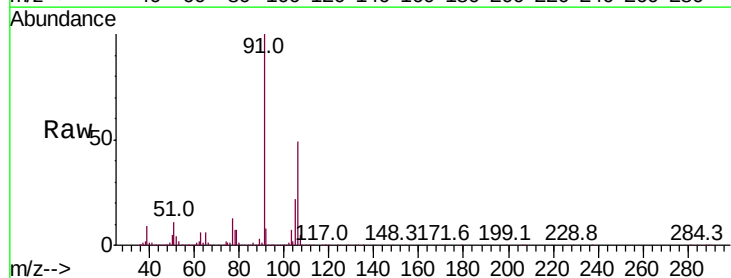
Acq: 17 Sep 2020 15:38

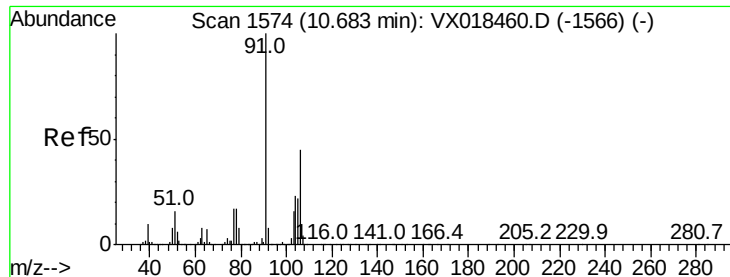
Tgt Ion: 106 Resp: 465496

Ion Ratio Lower Upper

106 100

91 208.5 163.8 245.6

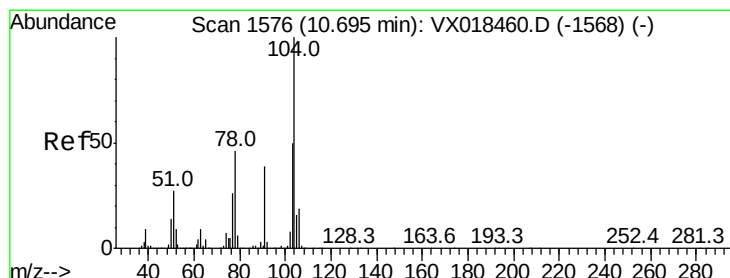
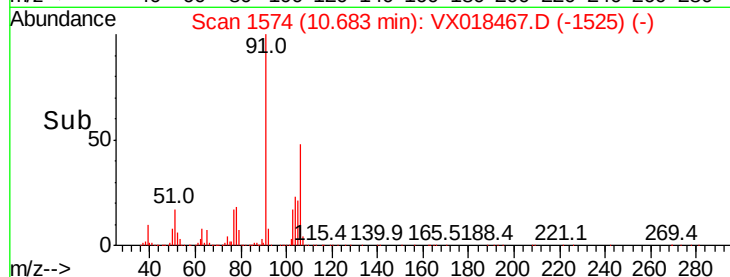
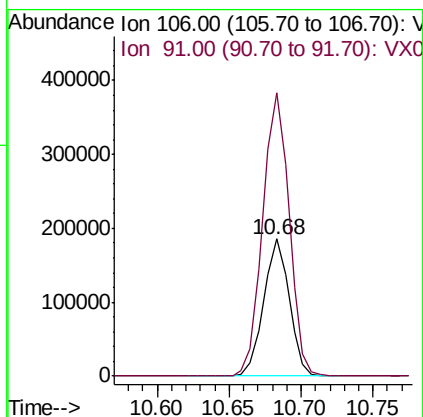
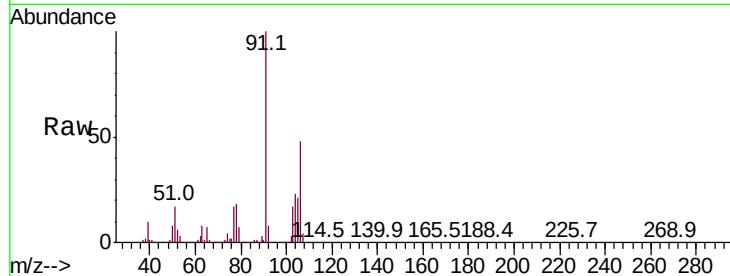




#69
o-Xylene
Concen: 19.538 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

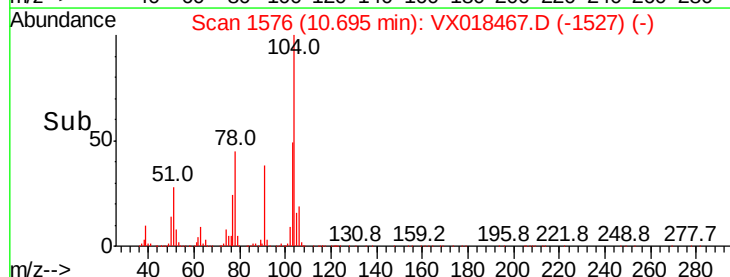
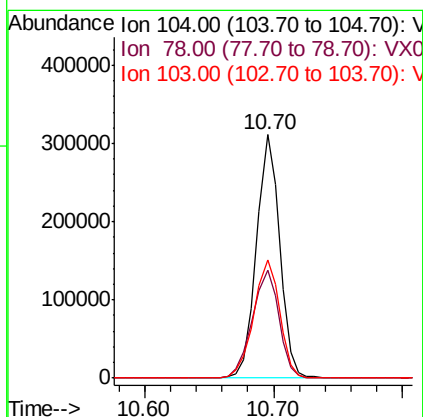
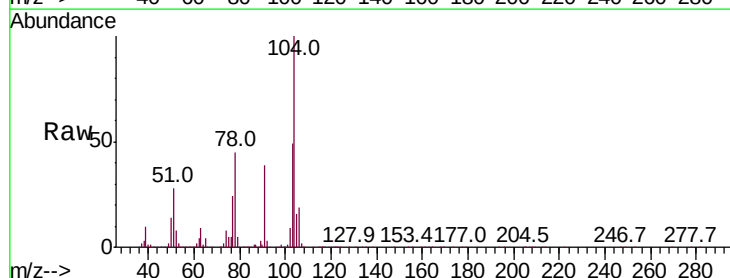
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

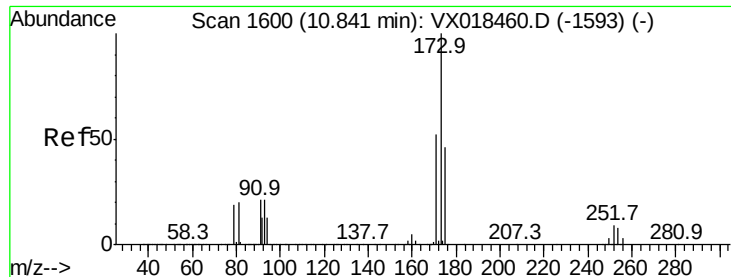
Tot Ion:106 Resp: 227983
Ion Ratio Lower Upper
106 100
91 213.0 109.7 329.0



#70
Styrene
Concen: 19.115 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

Tgt Ion:104 Resp: 385117
Ion Ratio Lower Upper
104 100
78 51.3 40.5 60.7
103 54.8 43.2 64.8





#71

Bromoform

Concen: 18.467 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

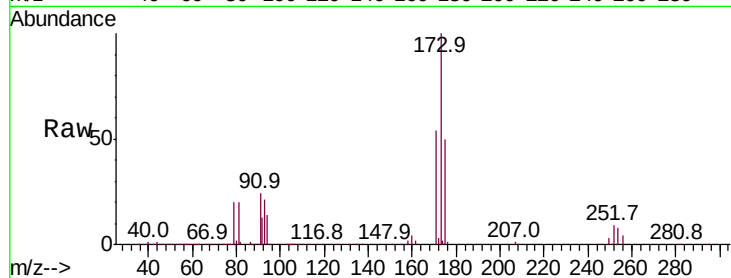
Tot Ion:173 Resp: 117058

Ion Ratio Lower Upper

173 100

175 48.9 23.6 70.8

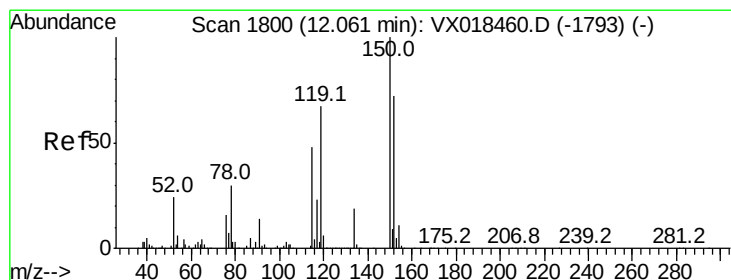
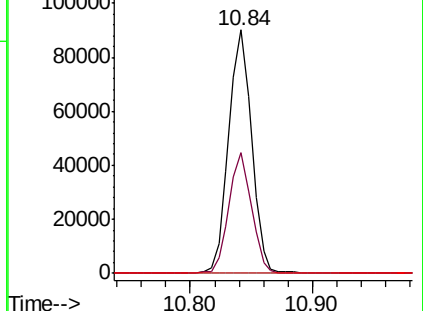
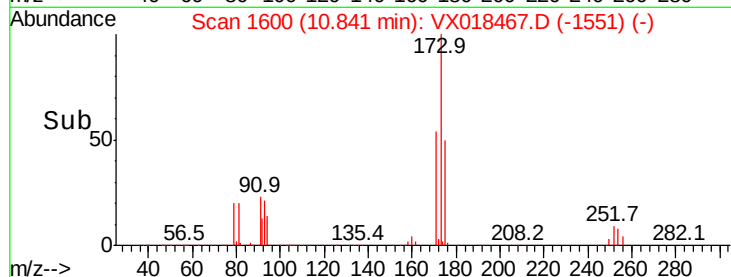
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

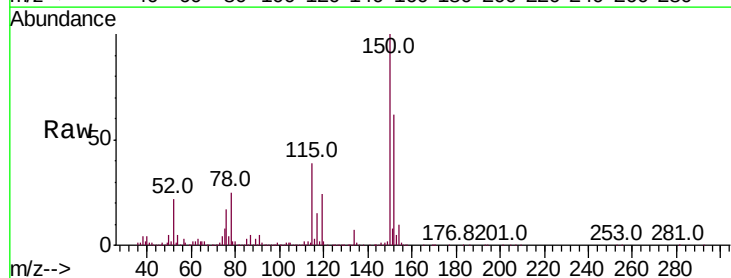
Tgt Ion:152 Resp: 479676

Ion Ratio Lower Upper

152 100

115 66.7 41.8 125.4

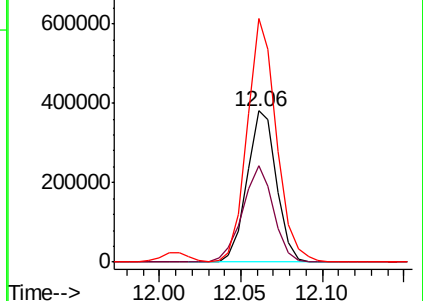
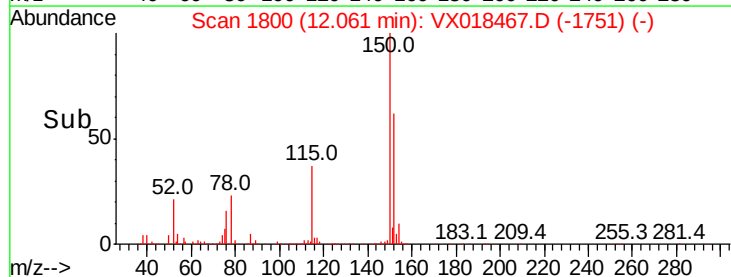
150 160.2 0.0 342.4

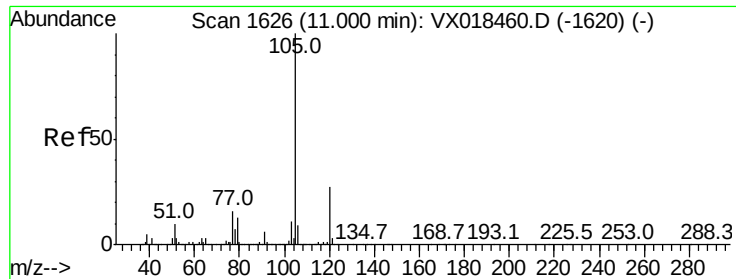


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.025 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

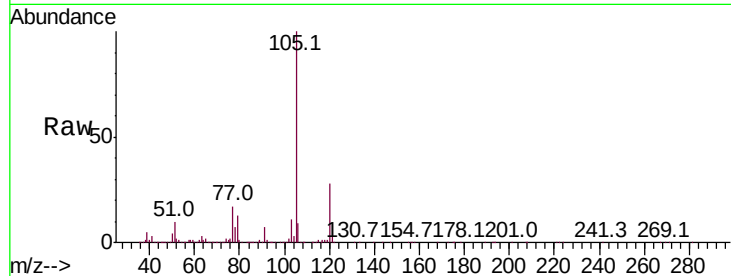
VX0917WBSD01

Tot Ion:105 Resp: 609644

Ion Ratio Lower Upper

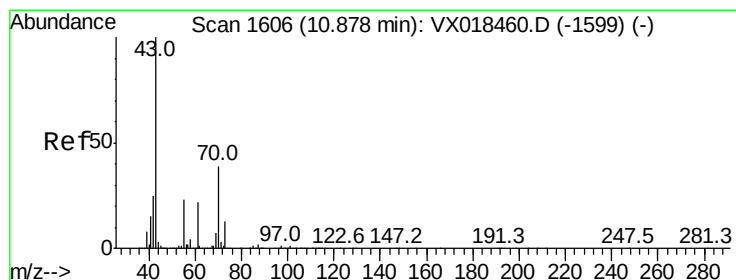
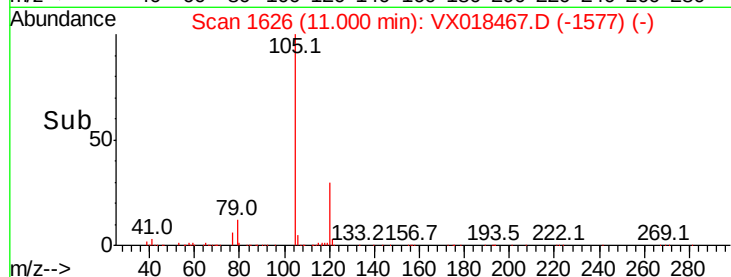
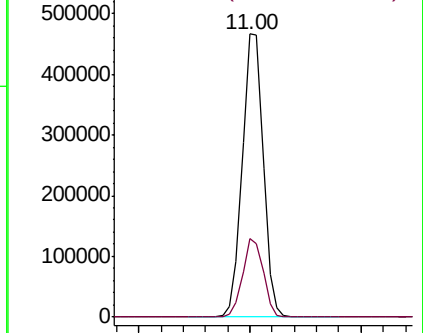
105 100

120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.850 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Tgt Ion: 43 Resp: 271933

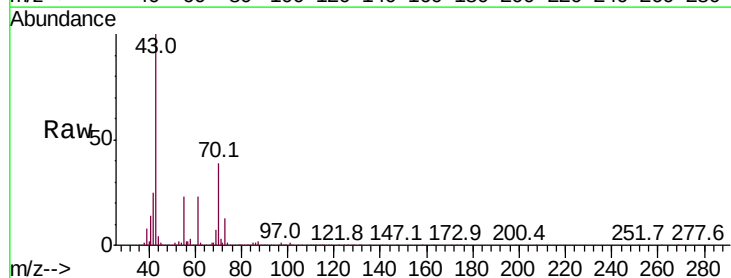
Ion Ratio Lower Upper

43 100

70 39.9 32.2 48.4

55 24.0 18.8 28.2

61 23.7 19.0 28.4

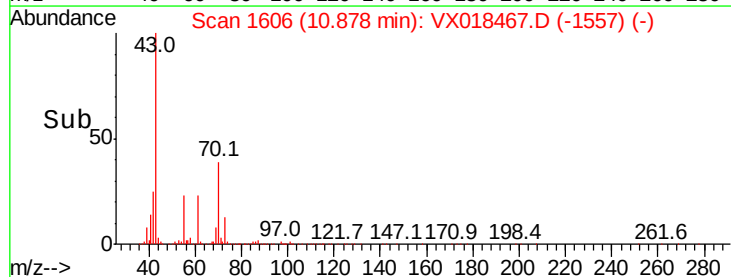
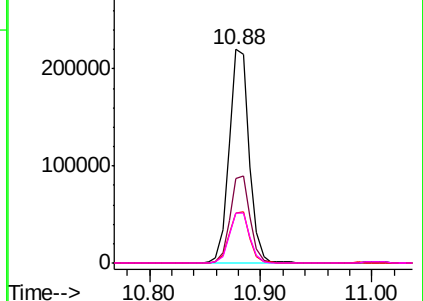


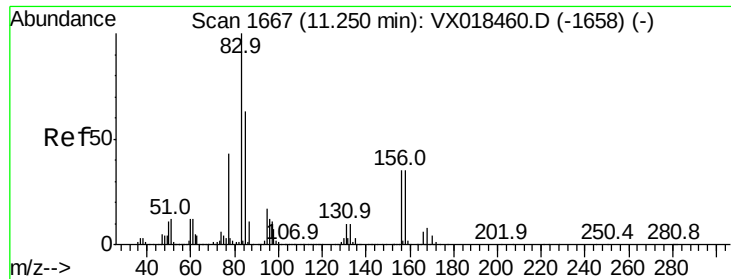
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.940 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

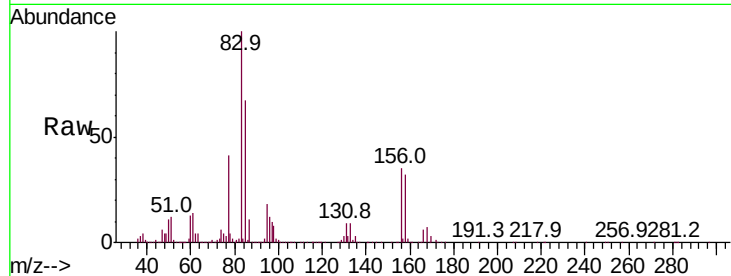
Tot Ion: 83 Resp: 200889

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

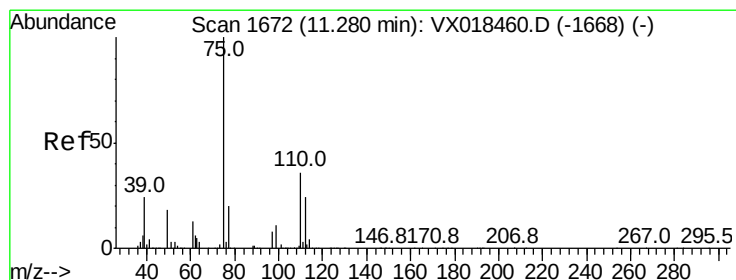
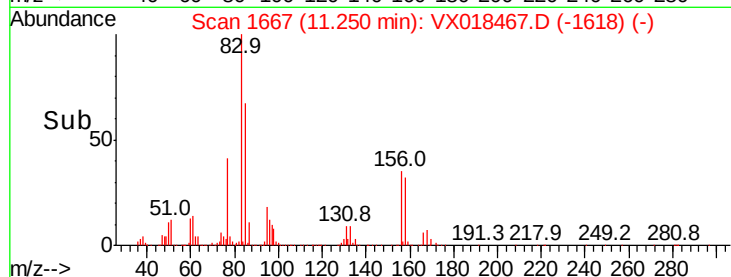
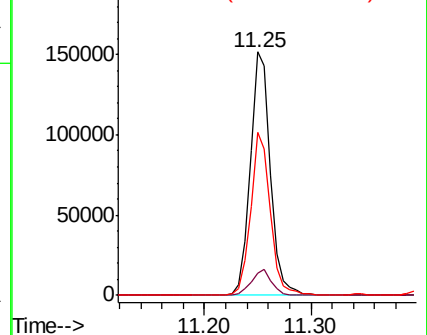
85 65.3 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.718 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018467.D

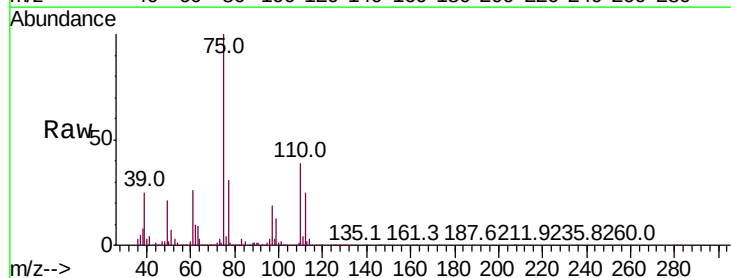
Acq: 17 Sep 2020 15:38

Tgt Ion: 75 Resp: 249160

Ion Ratio Lower Upper

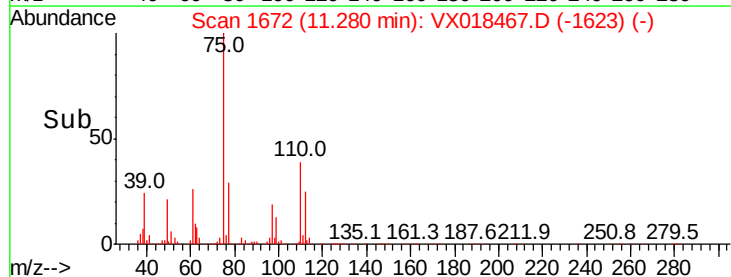
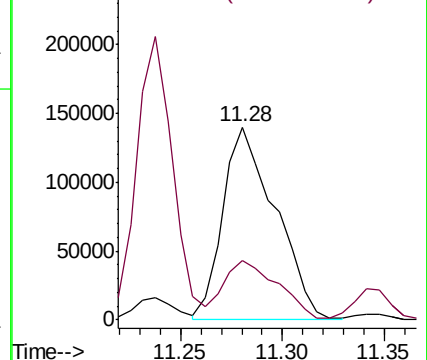
75 100

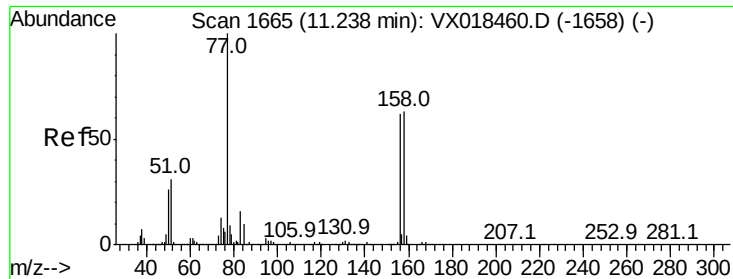
77 31.8 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.349 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

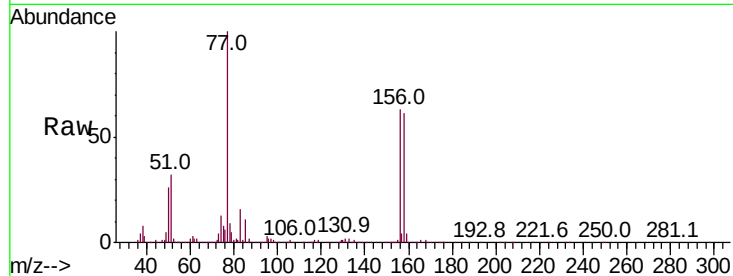
Tot Ion:156 Resp: 162233

Ion Ratio Lower Upper

156 100

77 156.3 78.8 236.5

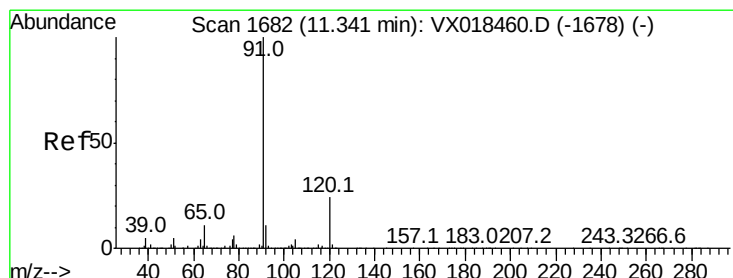
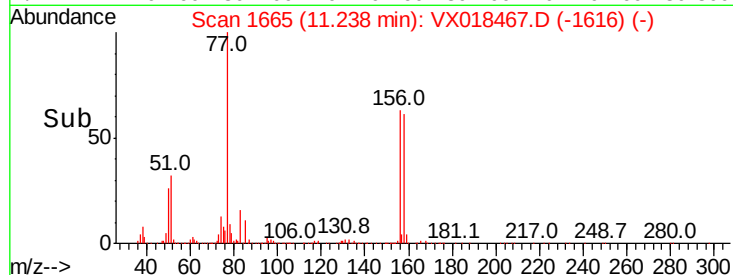
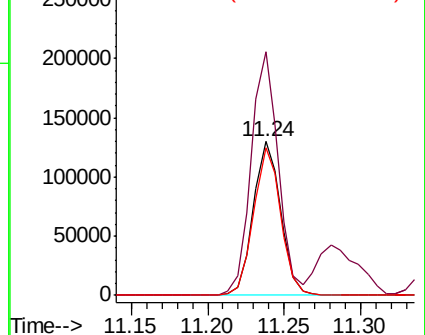
158 95.1 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.599 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX018467.D

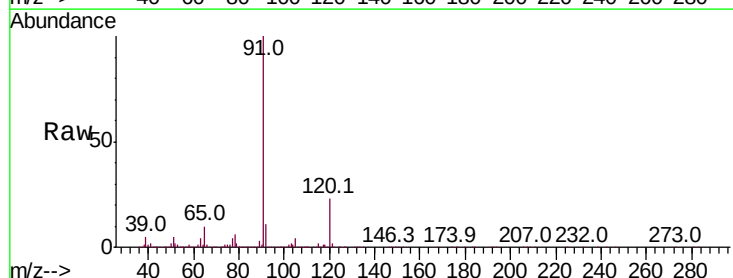
Acq: 17 Sep 2020 15:38

Tgt Ion: 91 Resp: 697626

Ion Ratio Lower Upper

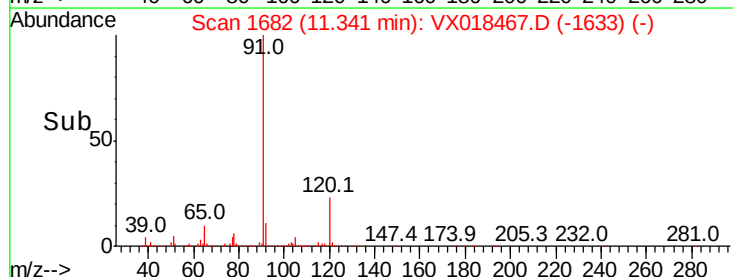
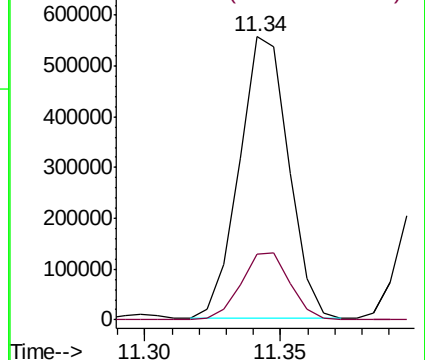
91 100

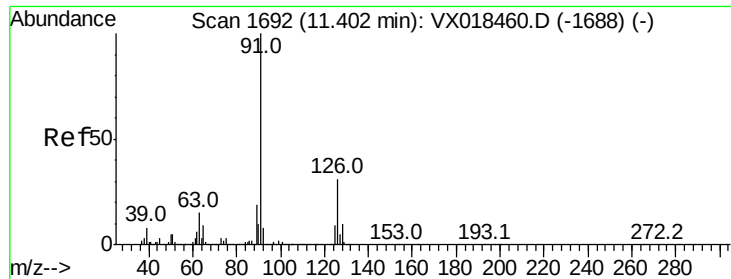
120 23.9 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.698 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

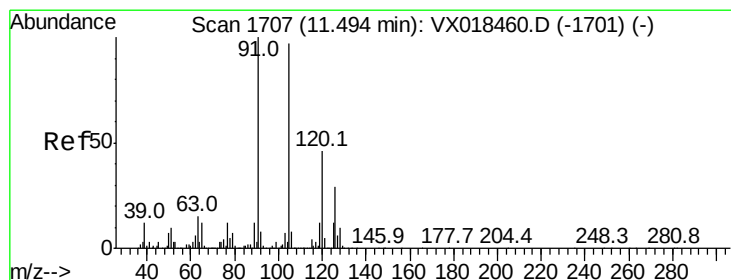
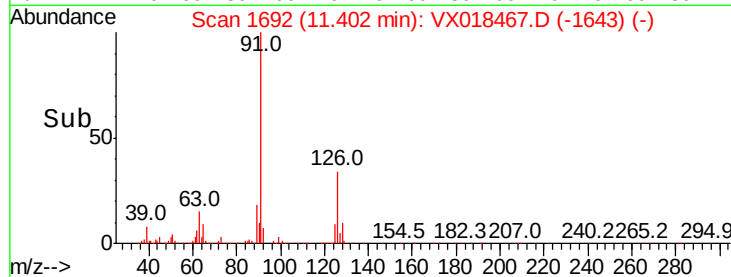
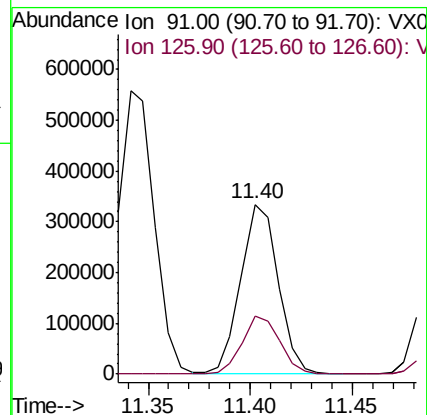
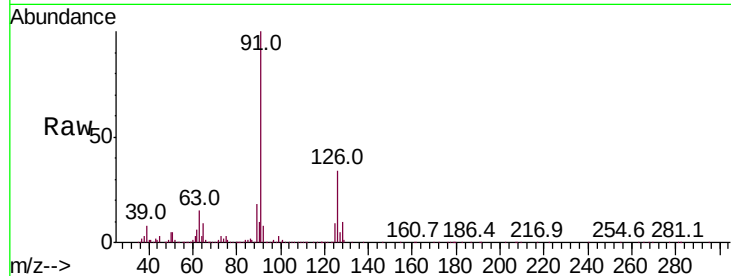
VX0917WBSD01

Tot Ion: 91 Resp: 424530

Ion Ratio Lower Upper

91 100

126 34.3 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 19.014 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018467.D

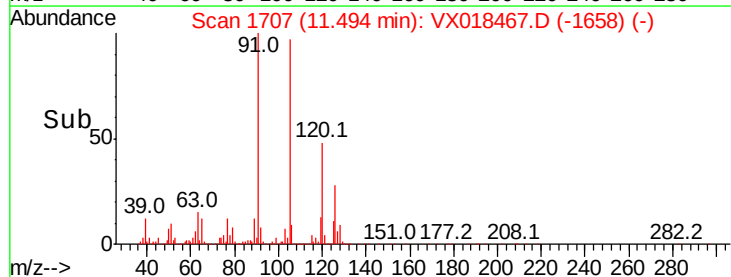
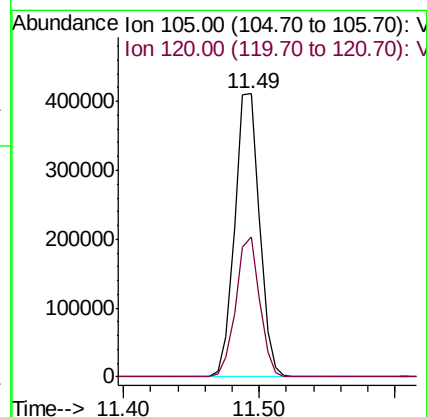
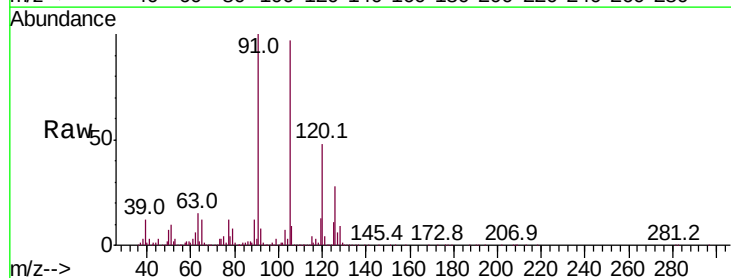
Acq: 17 Sep 2020 15:38

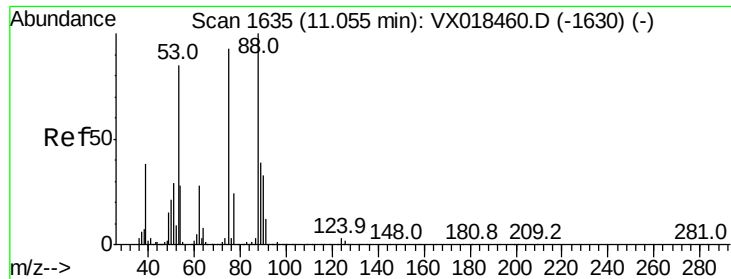
Tgt Ion:105 Resp: 521086

Ion Ratio Lower Upper

105 100

120 47.5 23.6 71.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.905 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

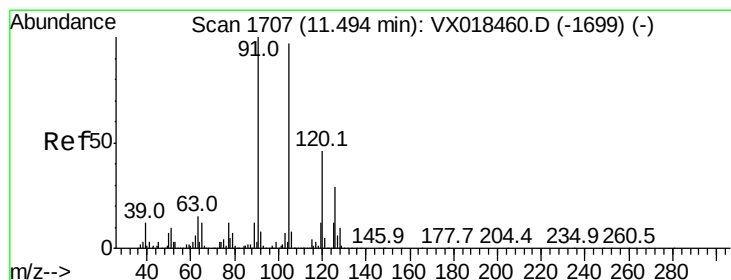
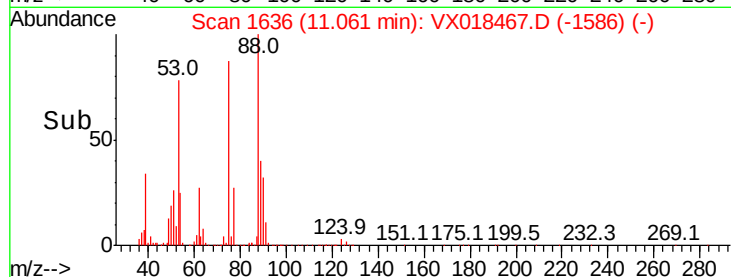
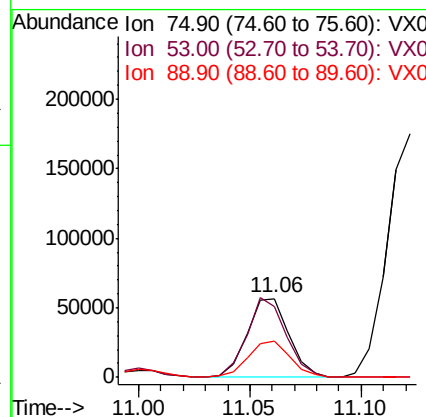
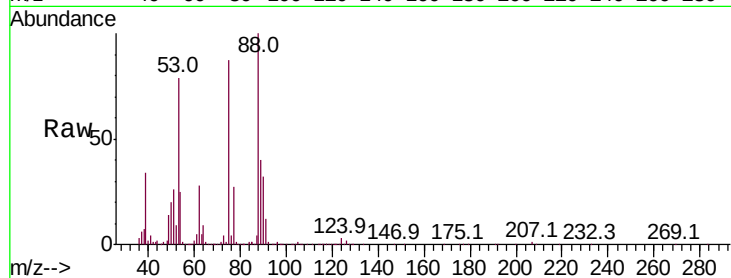
Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

Tot Ion: 75 Resp: 74368

Ion	Ratio	Lower	Upper
75	100		
53	94.4	74.6	111.8
89	46.4	36.2	54.4



#82

4-Chlorotoluene

Concen: 18.615 ug/l

RT: 11.49 min Scan# 1707

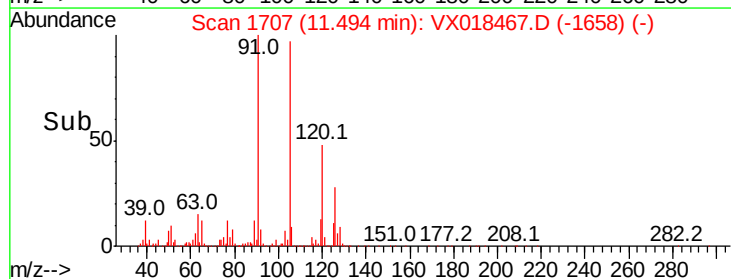
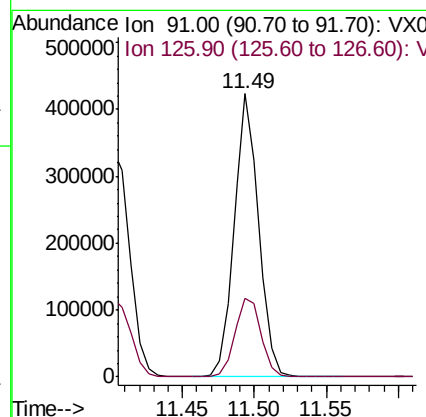
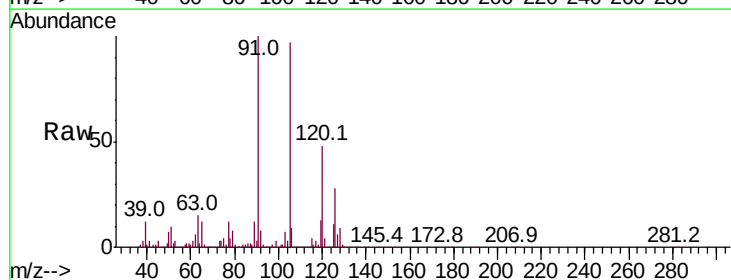
Delta R.T. -0.00 min

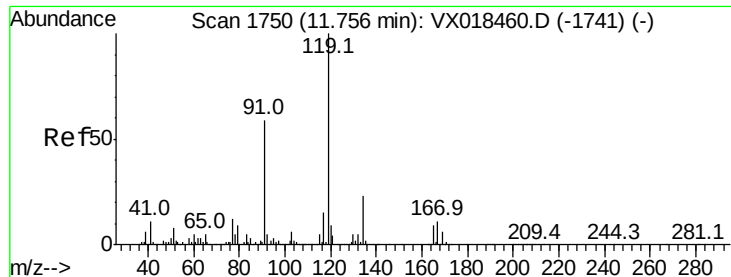
Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Tgt Ion: 91 Resp: 502391

Ion	Ratio	Lower	Upper
91	100		
126	29.9	15.0	45.0





#83

tert-Butylbenzene

Concen: 18.707 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

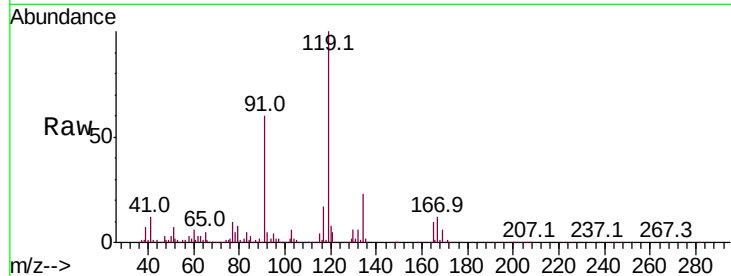
Tot Ion:119 Resp: 497759

Ion Ratio Lower Upper

119 100

91 58.8 28.9 86.7

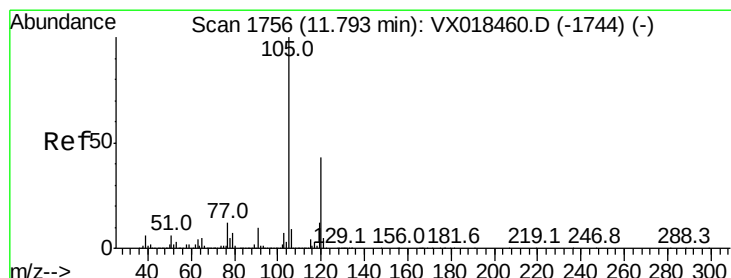
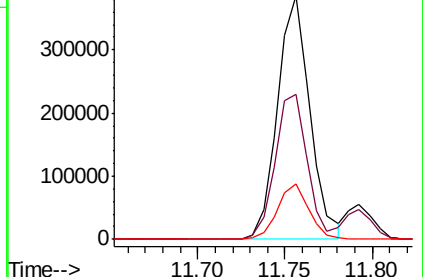
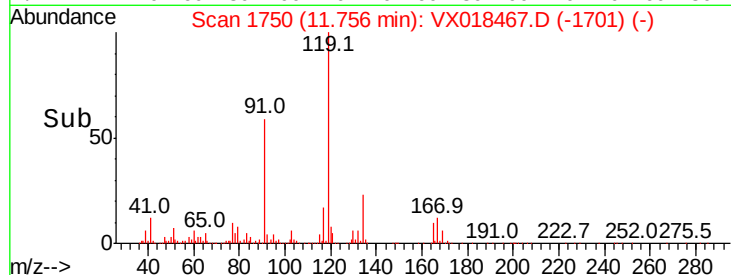
134 22.1 11.3 33.8



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: 19.410 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018467.D

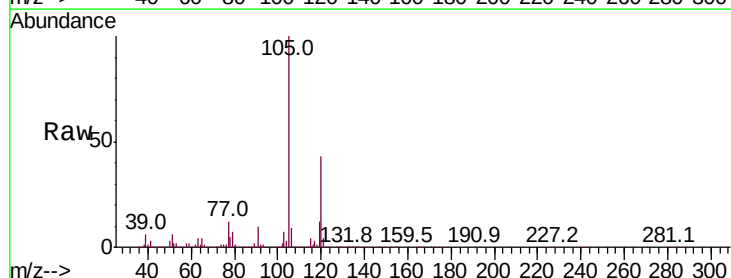
Acq: 17 Sep 2020 15:38

Tgt Ion:105 Resp: 535690

Ion Ratio Lower Upper

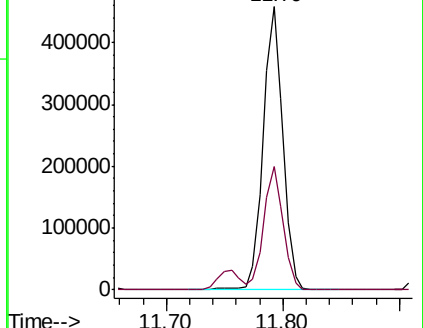
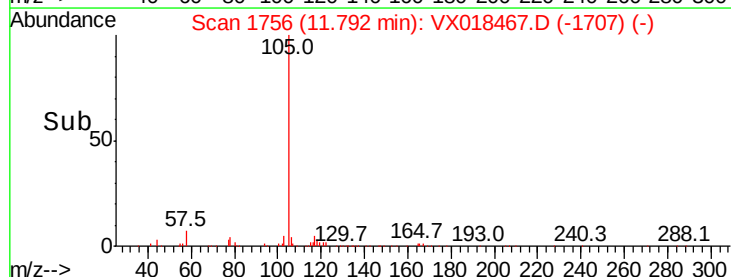
105 100

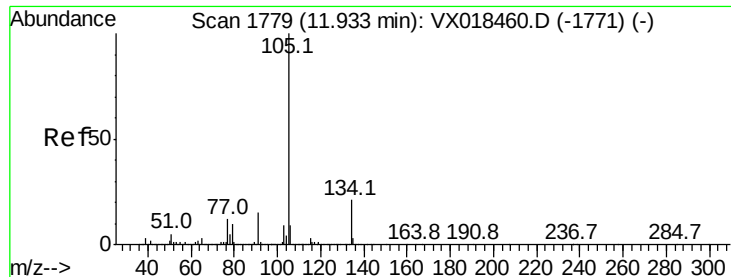
120 43.1 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.868 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

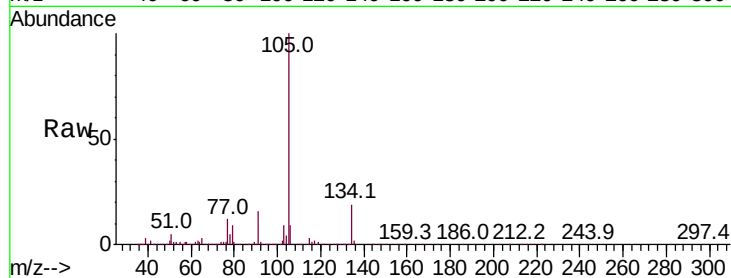
VX0917WBSD01

Tot Ion:105 Resp: 592351

Ion Ratio Lower Upper

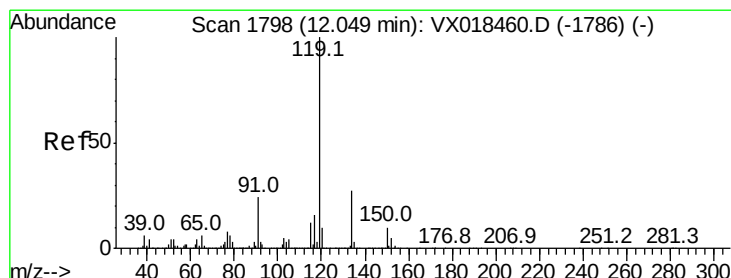
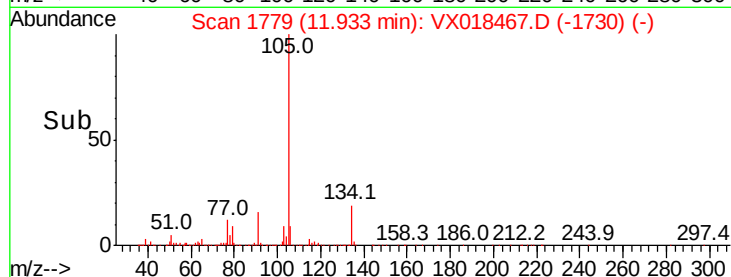
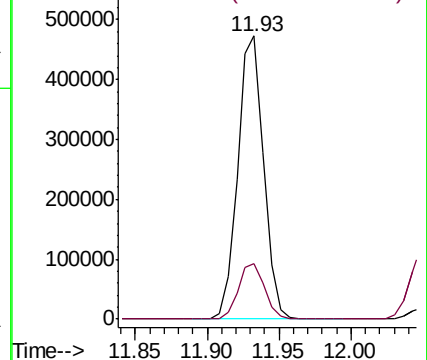
105 100

134 19.8 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.081 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

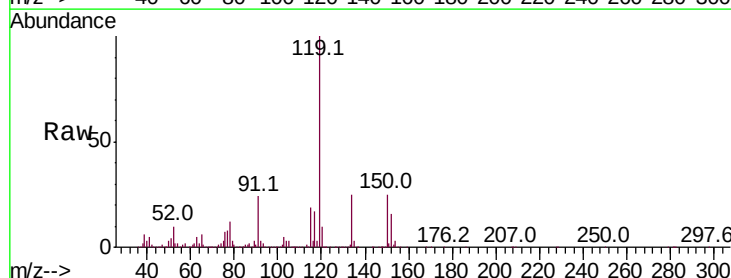
Tgt Ion:119 Resp: 550550

Ion Ratio Lower Upper

119 100

134 25.3 13.3 39.9

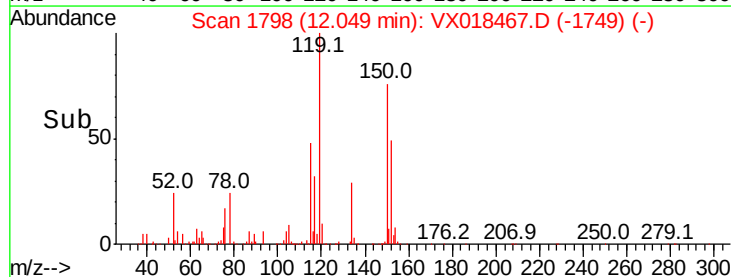
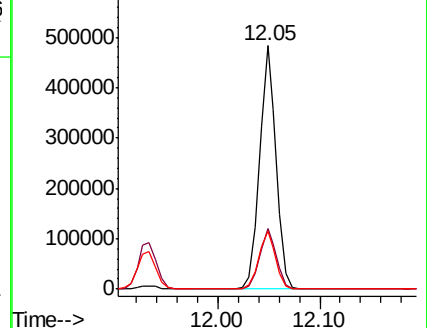
91 24.3 11.9 35.9

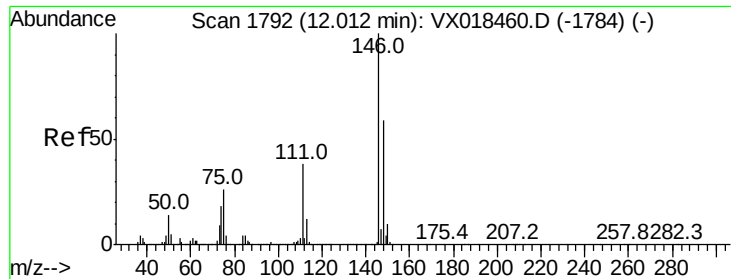


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.003 ug/l

RT: 12.01 min Scan# 1792

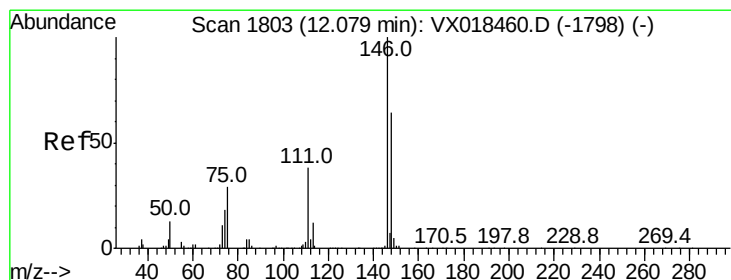
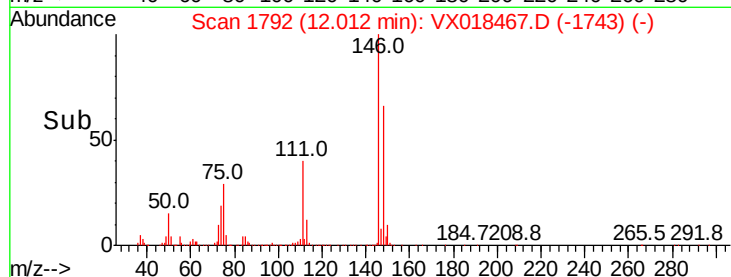
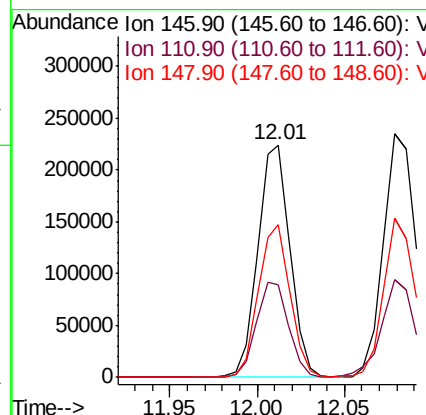
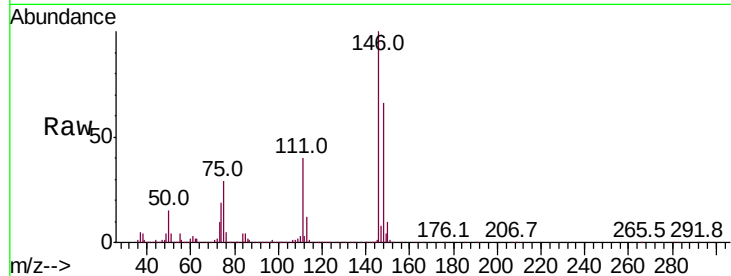
Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.4	61.2
148	64.7	31.1	93.2



#88

1,4-Dichlorobenzene

Concen: 18.505 ug/l

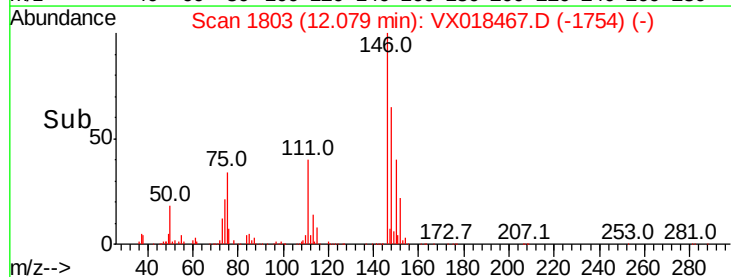
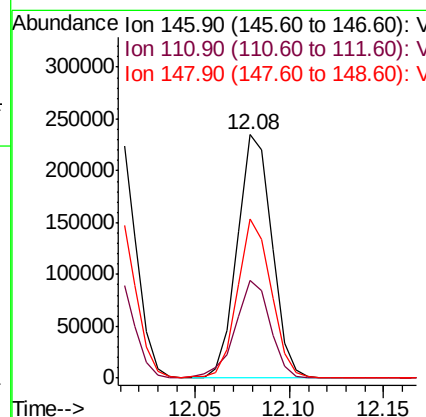
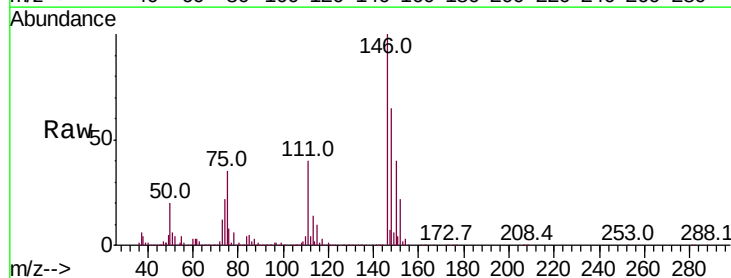
RT: 12.08 min Scan# 1803

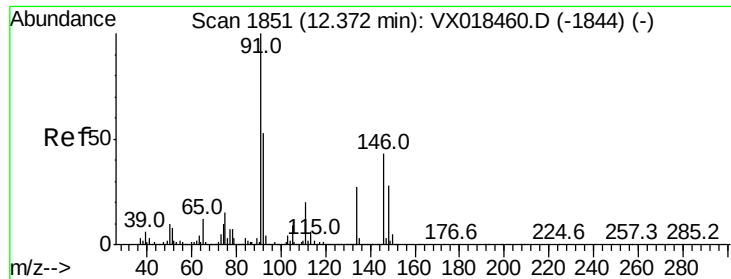
Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.4	58.4
148	63.6	31.8	95.4

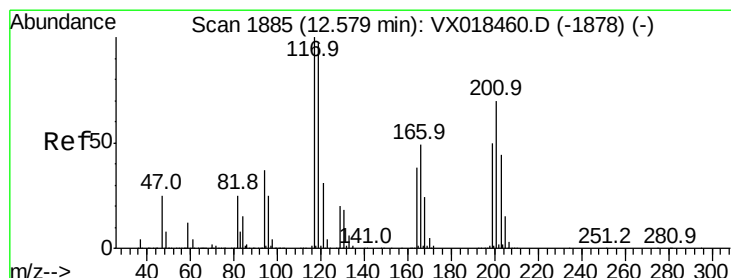
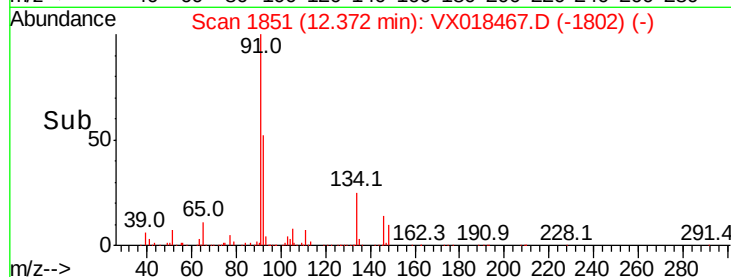
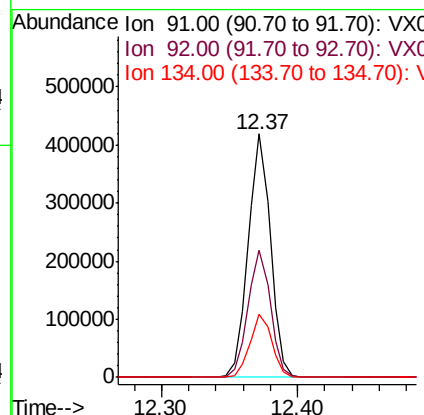
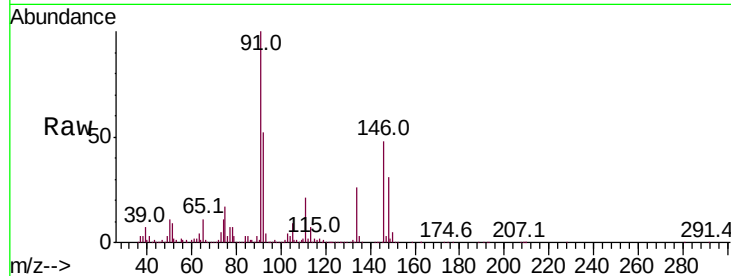




#89
n-Butylbenzene
Concen: 17.946 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

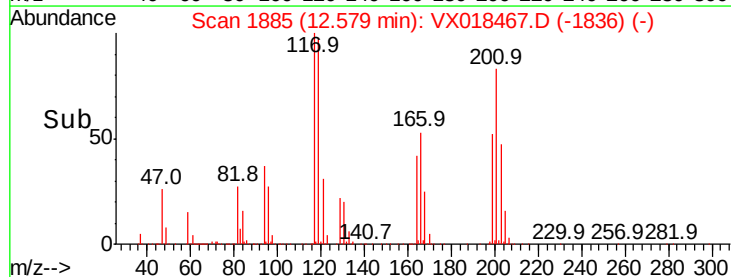
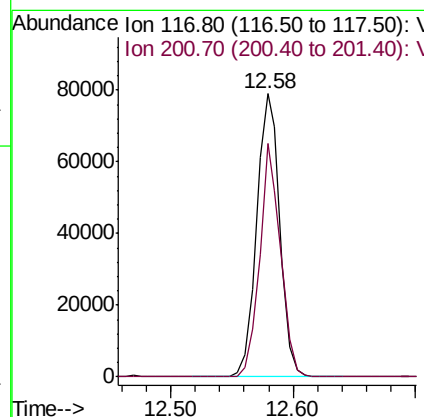
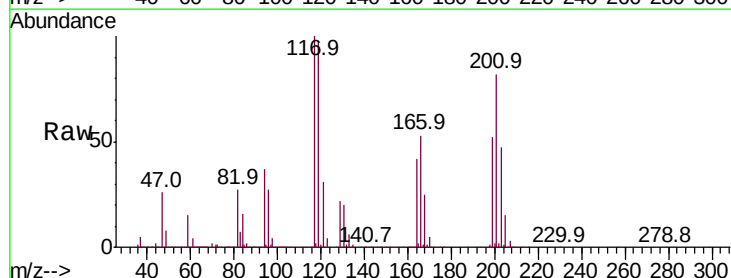
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

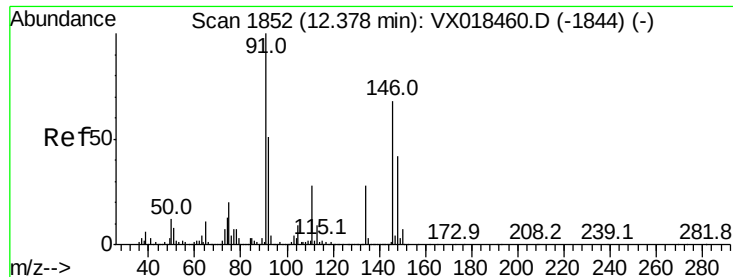
Tot Ion: 91 Resp: 479358
Ion Ratio Lower Upper
91 100
92 52.8 26.1 78.2
134 25.5 13.3 39.8



#90
Hexachloroethane
Concen: 18.127 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018467.D
Acq: 17 Sep 2020 15:38

Tgt Ion: 117 Resp: 104414
Ion Ratio Lower Upper
117 100
201 74.2 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 18.387 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

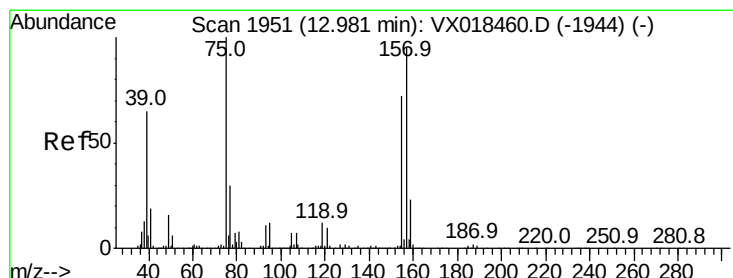
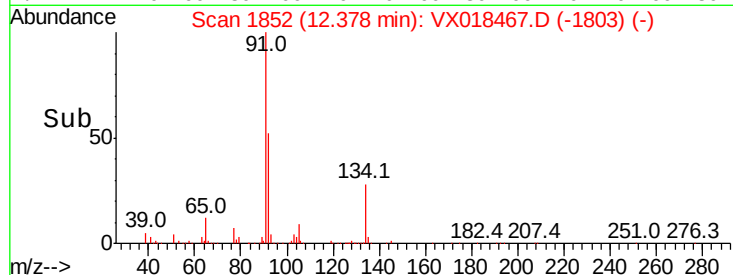
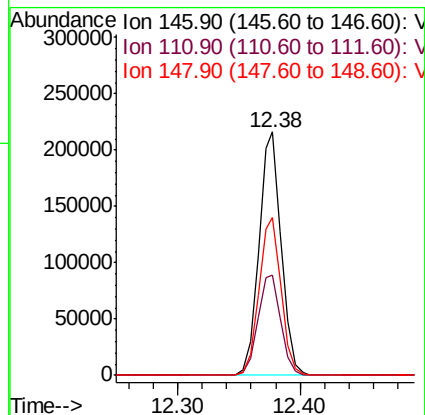
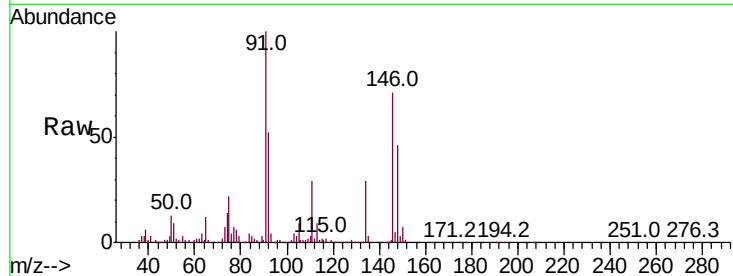
Tot Ion:146 Resp: 273580

Ion Ratio Lower Upper

146 100

111 42.9 21.5 64.5

148 64.6 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.830 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

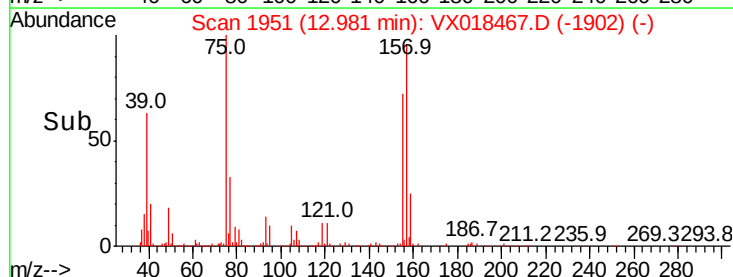
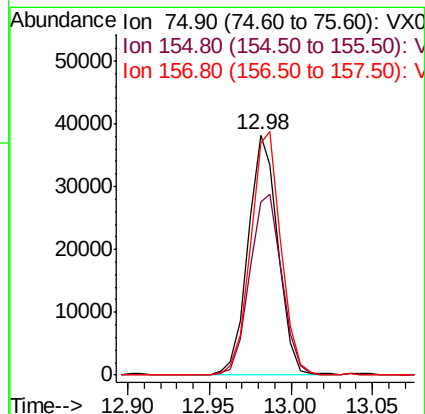
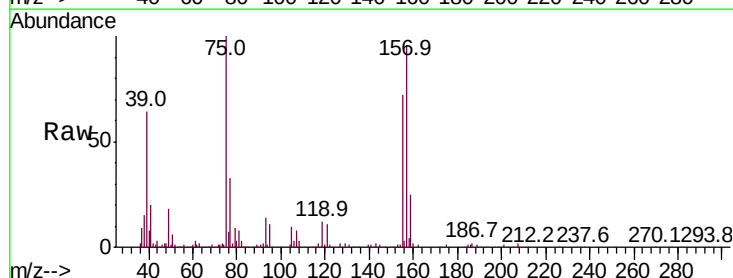
Tgt Ion: 75 Resp: 48485

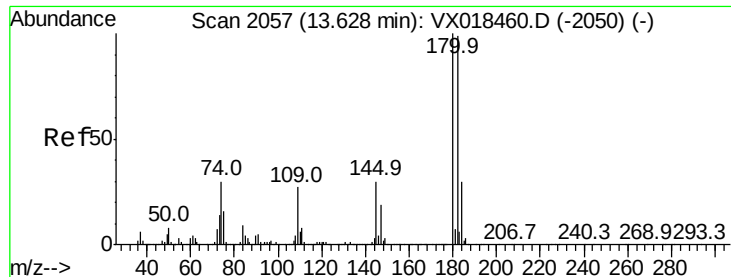
Ion Ratio Lower Upper

75 100

155 80.7 38.8 116.4

157 103.1 51.1 153.3

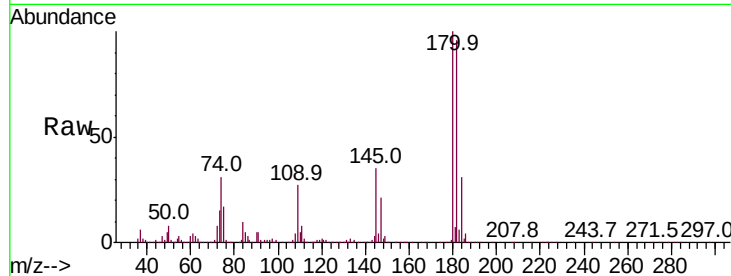




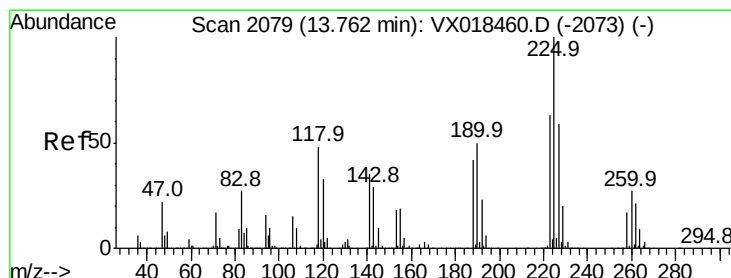
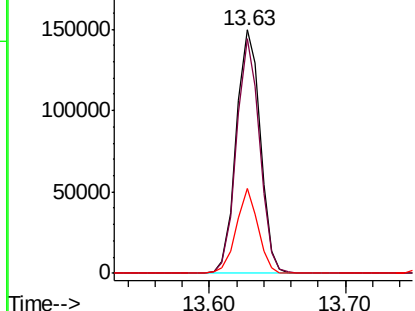
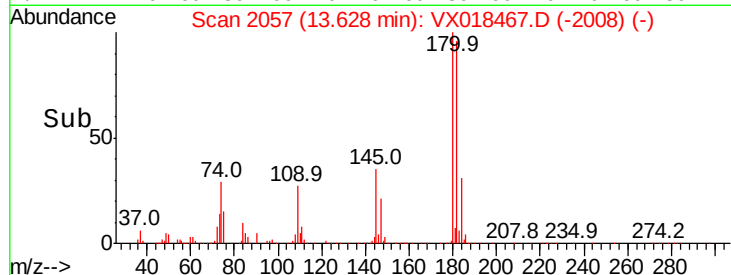
#93
 1,2,4-Trichlorobenzene
 Concen: 17.832 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018467.D
 Acq: 17 Sep 2020 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	50.2	150.6
145	31.3	15.7	47.1

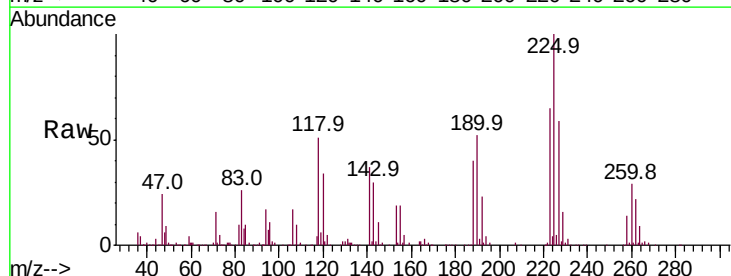


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

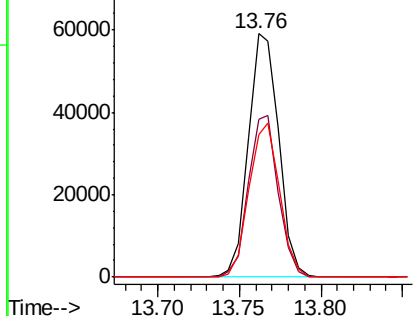
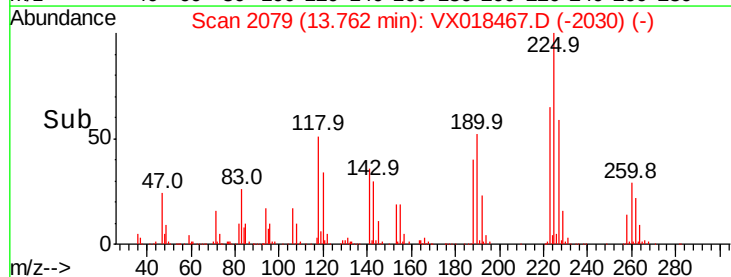


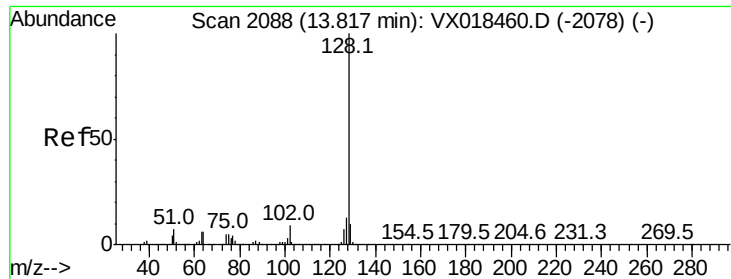
#94
 Hexachlorobutadiene
 Concen: 17.677 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX018467.D
 Acq: 17 Sep 2020 15:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	32.0	96.2
227	63.1	31.7	95.1



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





#95

Naphthalene

Concen: 19.628 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

Tot Ion:128 Resp: 613848

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

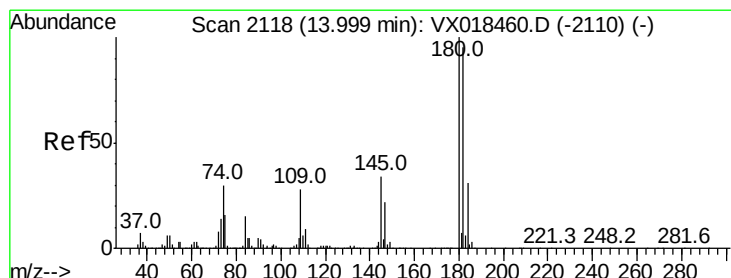
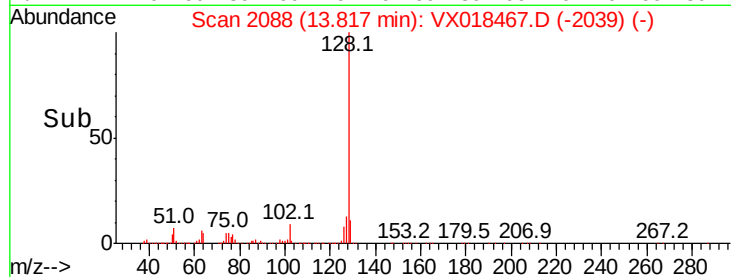
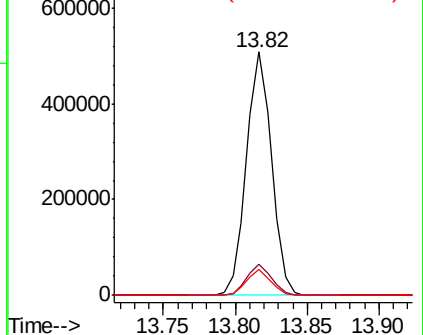
129 10.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.172 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018467.D

Acq: 17 Sep 2020 15:38

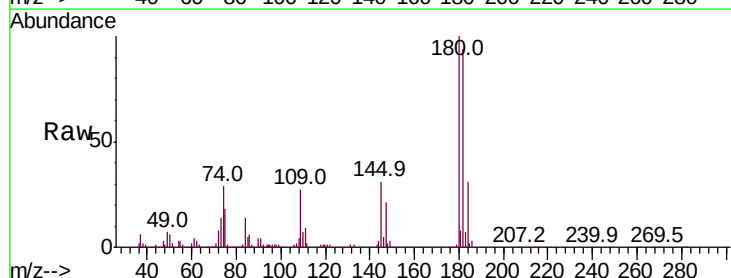
Tgt Ion:180 Resp: 179838

Ion Ratio Lower Upper

180 100

182 96.5 47.1 141.3

145 32.7 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

