

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070920\
 Data File : VX017307.D
 Acq On : 09 Jul 2020 15:03
 Operator : JC/SP
 Sample : VX0709WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

Quant Time: Jul 10 06:37:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 12:25:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	51600	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	261516	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	247899	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	108875	29.36	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.87%
60) 4-Bromofluorobenzene	11.12	95	122355	28.93	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.43%
63) Toluene-d8	8.70	98	324624	30.96	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	44690	19.813	ug/l 98
3) Chloromethane	1.31	50	48192	20.055	ug/l 98
4) Vinyl Chloride	1.39	62	46183	18.651	ug/l 99
5) Bromomethane	1.64	94	34077	20.648	ug/l 94
6) Chloroethane	1.72	64	30204	18.448	ug/l 98
7) Trichlorofluoromethane	1.92	101	83258	18.929	ug/l 95
8) Diethyl Ether	2.17	74	28895	18.517	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48547	20.186	ug/l 97
10) 1,1-Dichloroethene	2.36	96	44770	18.881	ug/l 96
11) Methyl Iodide	2.50	142	45007	16.119	ug/l 98
12) Methyl Acetate	2.75	43	62912	19.041	ug/l 99
13) Acrolein	2.27	56	39674	92.857	ug/l 98
14) Acrylonitrile	3.12	53	142434	95.547	ug/l 98
15) Acetone	2.42	58	34672	92.224	ug/l 96
16) Carbon Disulfide	2.55	76	124285	19.324	ug/l 96
17) Allyl chloride	2.71	41	81631	18.505	ug/l 95
18) Methylene Chloride	2.84	84	54169	18.548	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	52728	19.019	ug/l 97
20) Diisopropyl ether	3.82	45	169453	19.214	ug/l 97
21) 1,1-Dichloroethane	3.67	63	94372	19.091	ug/l 98
22) cis-1,2-Dichloroethene	4.57	96	60282	19.059	ug/l 99
23) tert-Butyl Alcohol	3.01	59	55522	90.262	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	169350	18.707	ug/l 100
25) Chloroform	5.18	83	100294	19.042	ug/l 93
26) Cyclohexane	5.56	56	77198	20.045	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	70499	19.549	ug/l 98
30) 2-Butanone	4.64	43	188969	95.799	ug/l 99
31) 2,2-Dichloropropane	4.55	77	84938	18.800	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	91022	19.386	ug/l 98
33) Carbon Tetrachloride	5.76	117	83415	19.266	ug/l 95
34) Benzene	6.12	78	208197	19.402	ug/l 96
35) Methacrylonitrile	5.01	41	43138	19.533	ug/l 98
36) 1,2-Dichloroethane	6.17	62	79553	18.824	ug/l 99
37) Trichloroethene	7.19	130	62577	19.389	ug/l 95
38) Methylcyclohexane	7.44	83	76206	20.053	ug/l 99
39) 1,2-Dichloropropane	7.49	63	54713	19.513	ug/l 99
40) Dibromomethane	7.64	93	39132	19.372	ug/l 100

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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 ClientSampleId :
 VX0709WBS01

Quant Time: Jul 10 06:37:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 12:25:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.88	83	81153	19.250	ug/l	97
42) Vinyl Acetate	3.79	43	728825	96.683	ug/l	100
43) Ethyl Acetate	4.79	43	73664	18.985	ug/l #	84
44) Isopropyl Acetate	6.42	43	121824	18.871	ug/l	99
45) 1,4-Dioxane	7.71	88	22206	360.869	ug/l	96
46) Methyl methacrylate	7.74	41	58995	18.759	ug/l	98
47) n-amyl Acetate	10.88	43	102405	17.915	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	83014	17.837	ug/l	94
49) cis-1,3-Dichloropropene	8.42	75	91688	18.827	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	55092	18.409	ug/l	97
51) Ethyl methacrylate	9.16	69	79392	18.209	ug/l	97
52) 1,3-Dichloropropane	9.35	76	93887	19.260	ug/l	99
53) Dibromochloromethane	9.56	129	65464	17.920	ug/l	95
54) 1,2-Dibromoethane	9.65	107	60983	19.058	ug/l	95
55) 2-Chloroethyl vinyl ether	8.29	63	223812	106.689	ug/l	99
56) Bromoform	10.84	173	49327	17.310	ug/l	97
58) 4-Methyl-2-Pentanone	8.62	43	386022	98.275	ug/l	99
59) 2-Hexanone	9.47	43	286538	95.693	ug/l	99
61) Tetrachloroethene	9.32	164	63443	20.090	ug/l	98
62) Toluene	8.76	91	227475	19.383	ug/l	100
64) Chlorobenzene	10.12	112	146172	18.668	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	59660	18.649	ug/l	99
66) Ethyl Benzene	10.23	91	249406	18.885	ug/l	99
67) m/p-Xylenes	10.34	106	193243	37.876	ug/l	98
68) o-Xylene	10.68	106	90376	18.641	ug/l	95
69) Styrene	10.70	104	158507	18.434	ug/l	98
70) Isopropylbenzene	11.00	105	250253	18.816	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	80136	19.213	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	100207	24.458	ug/l	90
73) Bromobenzene	11.24	156	70372	18.833	ug/l	97
74) n-propylbenzene	11.34	91	285323	18.519	ug/l	99
75) 2-Chlorotoluene	11.40	91	173862	18.511	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	211345	18.523	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	28224	18.066	ug/l	96
78) 4-Chlorotoluene	11.49	91	205220	18.431	ug/l	100
79) tert-butylbenzene	11.76	119	207195	18.713	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	217419	18.887	ug/l	99
81) sec-Butylbenzene	11.93	105	238518	18.689	ug/l	100
82) p-Isopropyltoluene	12.05	119	223085	18.486	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	123740	18.401	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	126623	18.609	ug/l	98
85) n-Butylbenzene	12.37	91	185863	18.228	ug/l	99
86) Hexachloroethane	12.58	117	42910	18.380	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	120245	18.699	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	18878	18.681	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	79637	18.260	ug/l	97
90) Hexachlorobutadiene	13.76	225	34428	19.679	ug/l	95
91) Naphthalene	13.82	128	237685	17.776	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	77878	17.954	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0709WBS01

Quant Time: Jul 10 06:37:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 09 12:25:06 2020
Response via : Initial Calibration

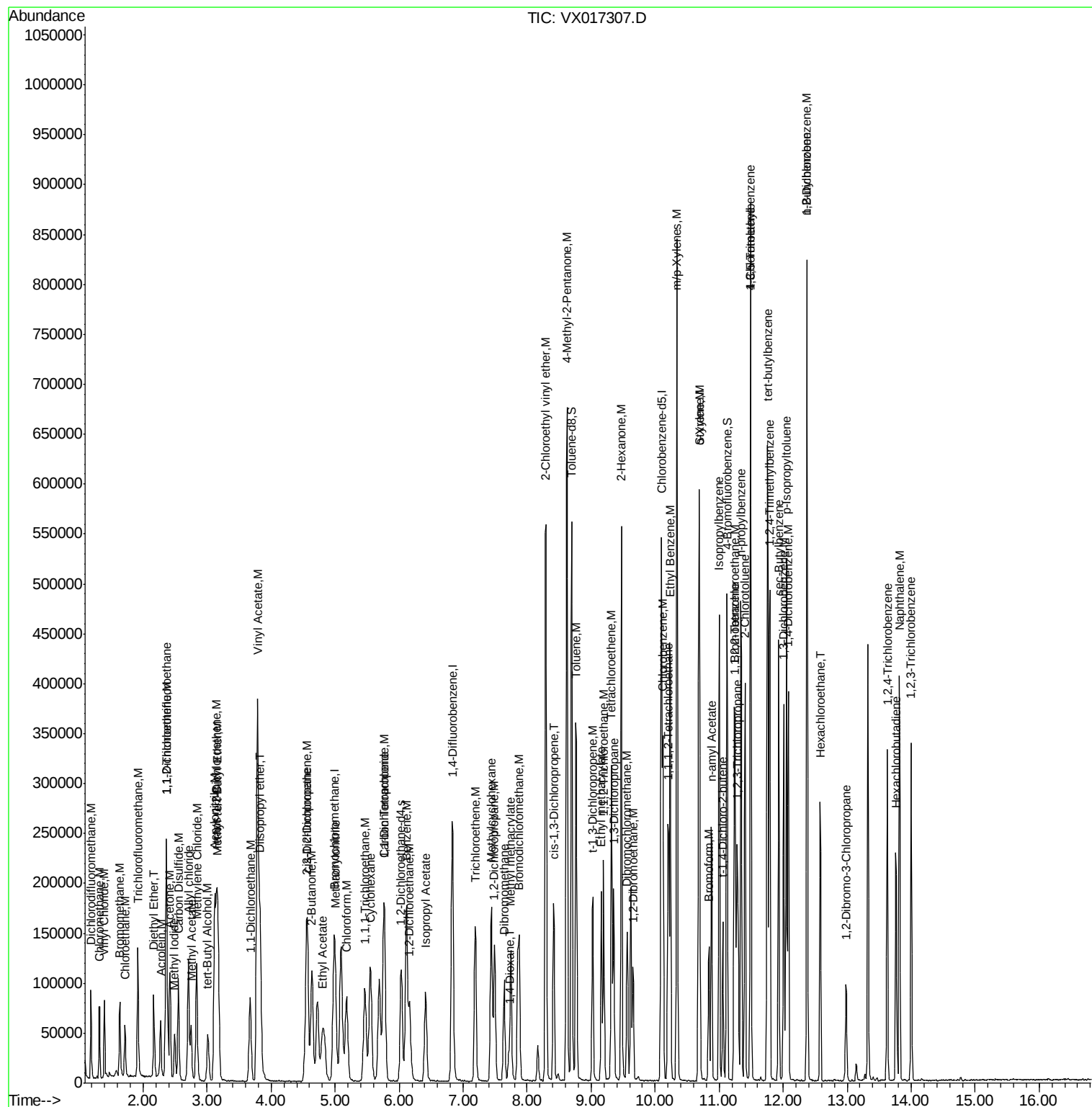
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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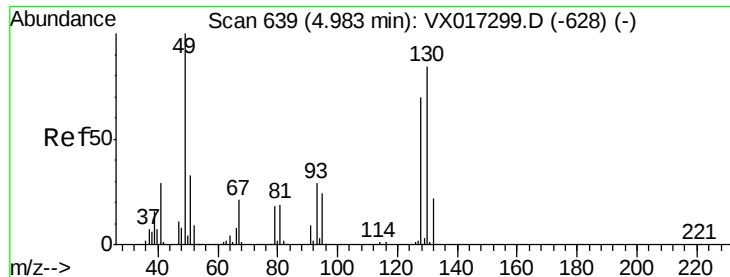
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070920\
Data File : VX017307.D
Acq On : 09 Jul 2020 15:03
Operator : JC/SP
Sample : VX0709WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VX0709WBS01

Quant Time: Jul 10 06:37:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 09 12:25:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS01

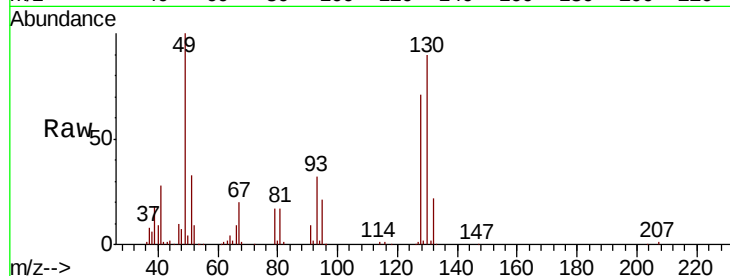
Tot Ion:128 Resp: 51600

Ion Ratio Lower Upper

128 100

49 145.9 0.0 358.8

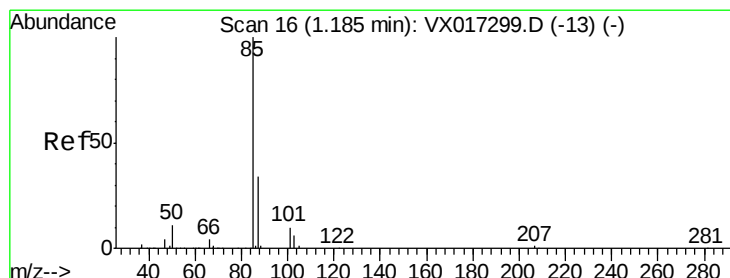
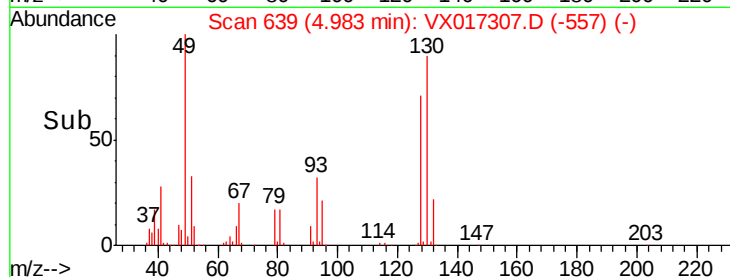
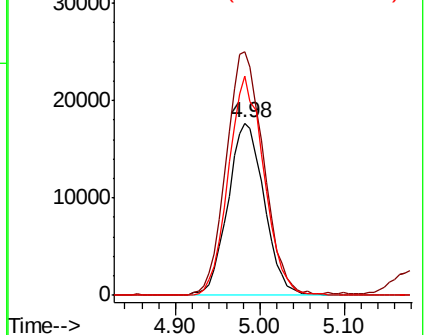
130 125.3 0.0 323.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.813 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017307.D

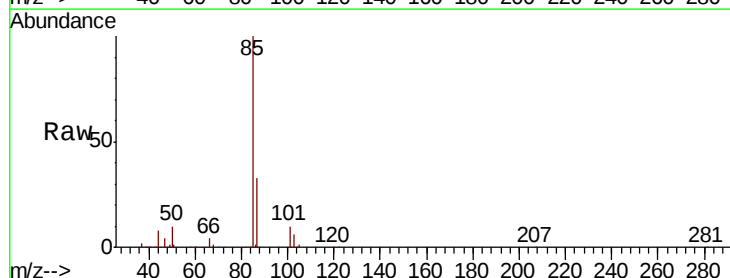
Acq: 09 Jul 2020 15:03

Tgt Ion: 85 Resp: 44690

Ion Ratio Lower Upper

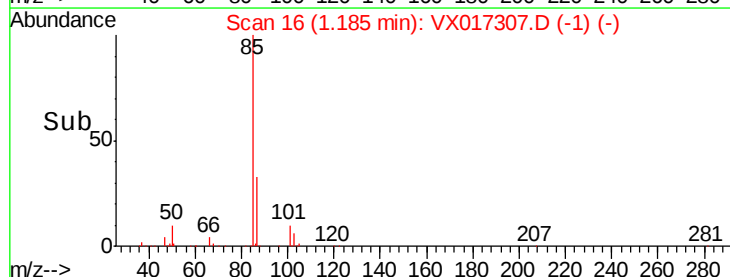
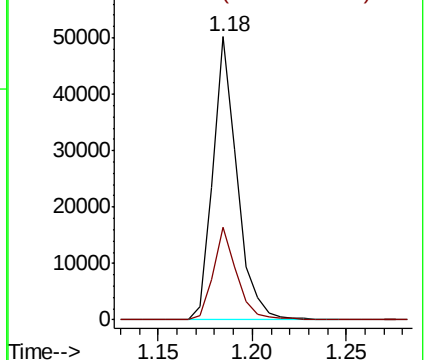
85 100

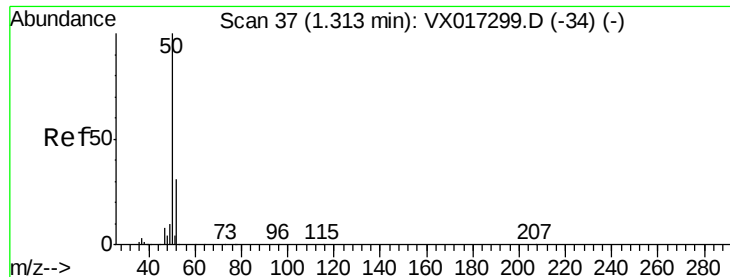
87 32.5 16.9 50.6



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 20.055 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

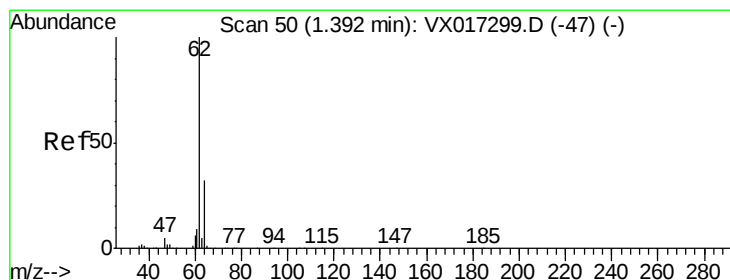
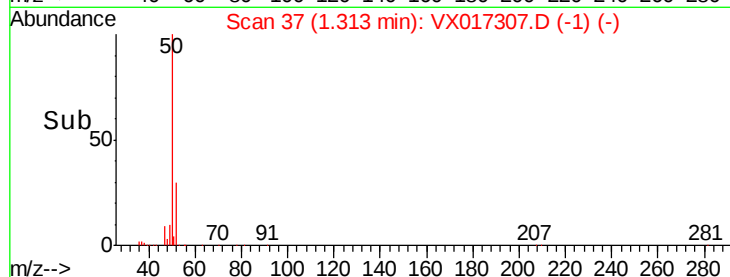
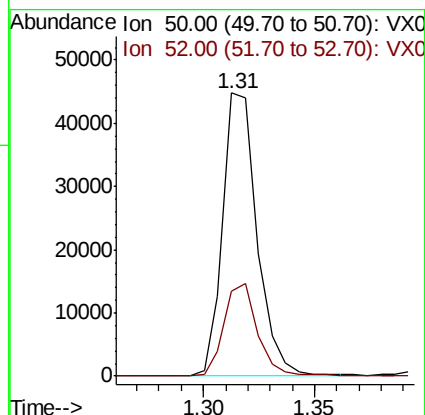
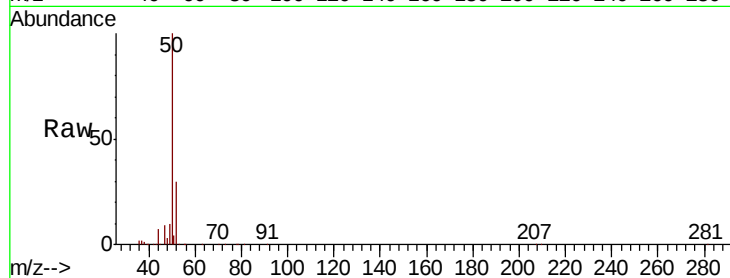
VX0709WBS01

Tot Ion: 50 Resp: 48192

Ion Ratio Lower Upper

50 100

52 30.0 24.8 37.2



#4

Vinyl Chloride

Concen: 18.651 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017307.D

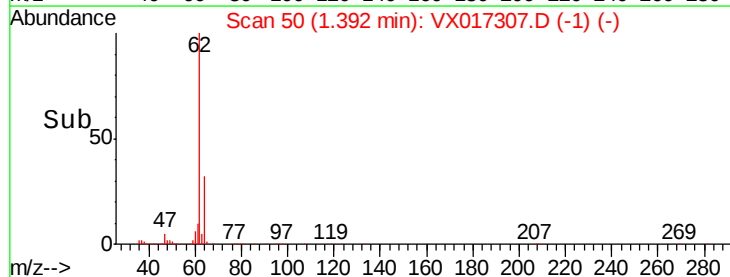
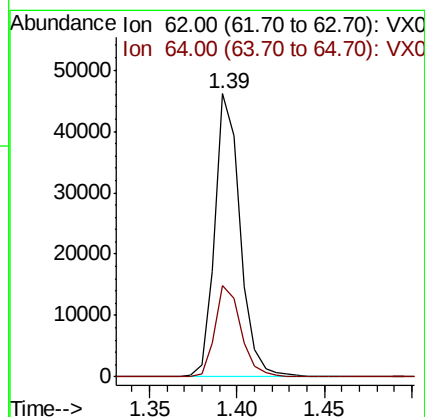
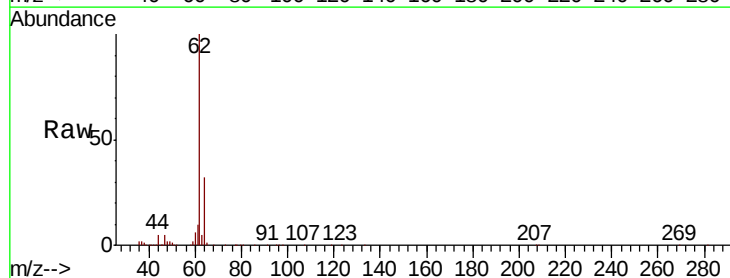
Acq: 09 Jul 2020 15:03

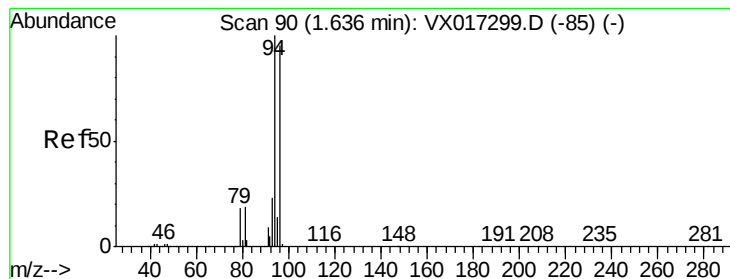
Tgt Ion: 62 Resp: 46183

Ion Ratio Lower Upper

62 100

64 32.4 25.3 37.9





#5

Bromomethane

Concen: 20.648 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

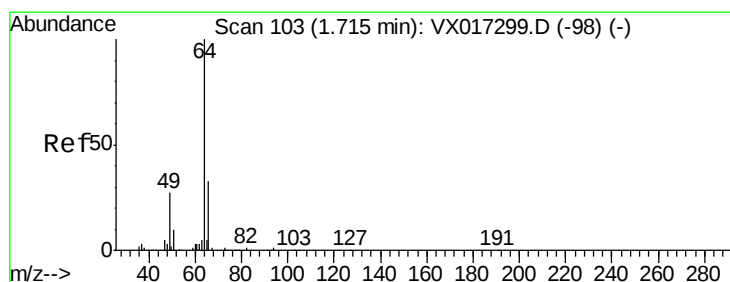
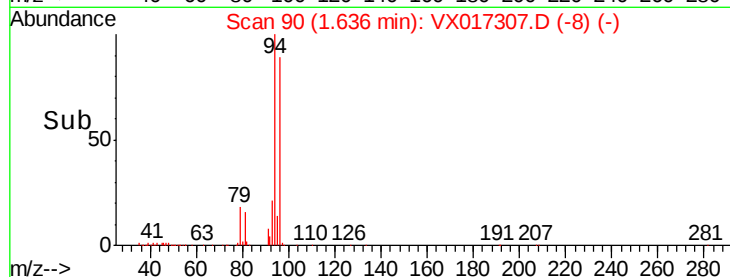
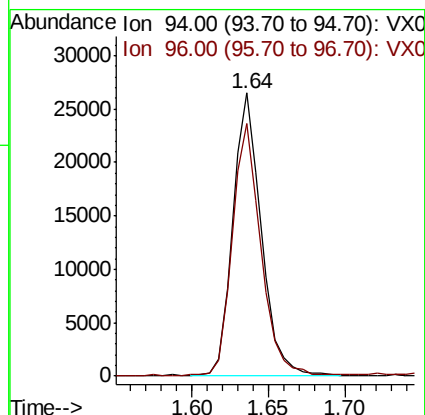
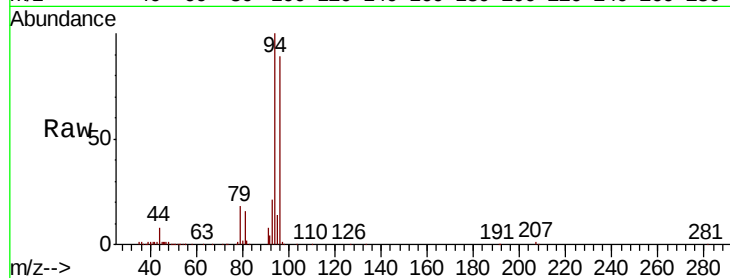
VX0709WBS01

Tot Ion: 94 Resp: 34077

Ion Ratio Lower Upper

94 100

96 88.5 75.7 113.5



#6

Chloroethane

Concen: 18.448 ug/l

RT: 1.72 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX017307.D

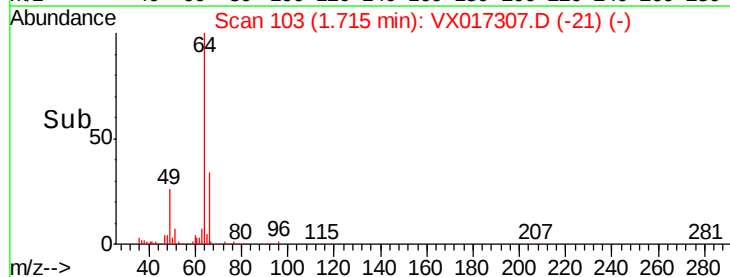
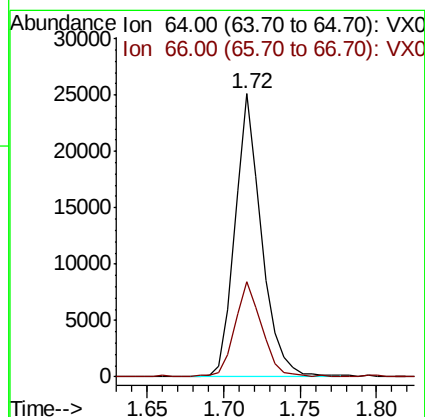
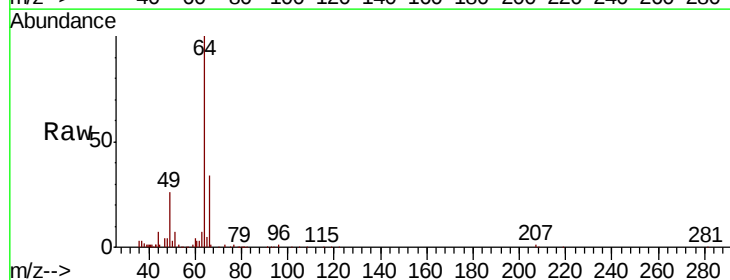
Acq: 09 Jul 2020 15:03

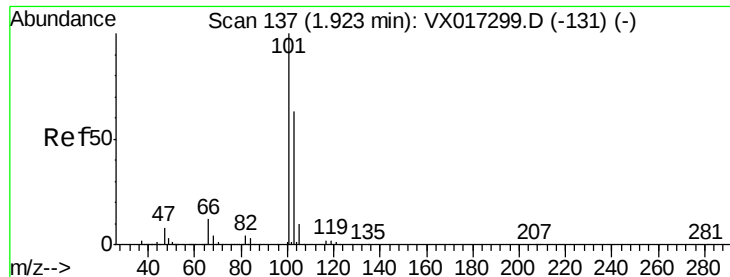
Tgt Ion: 64 Resp: 30204

Ion Ratio Lower Upper

64 100

66 33.7 26.1 39.1



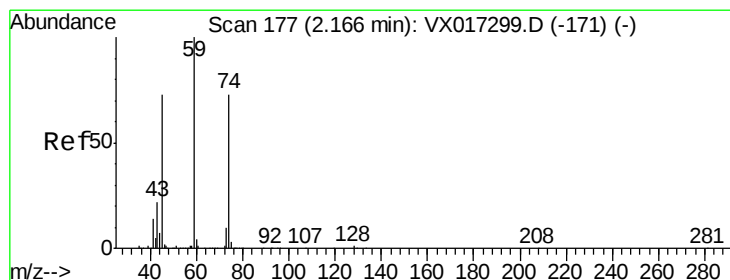
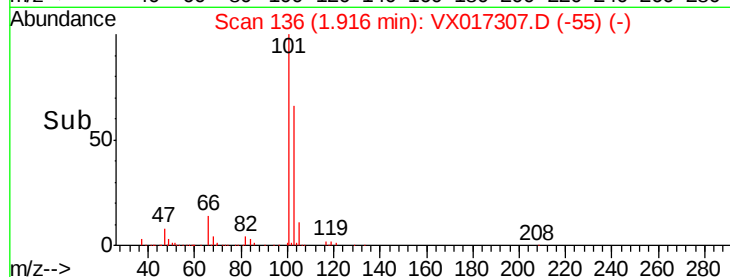
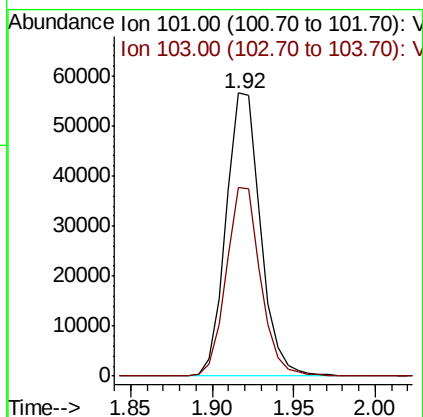
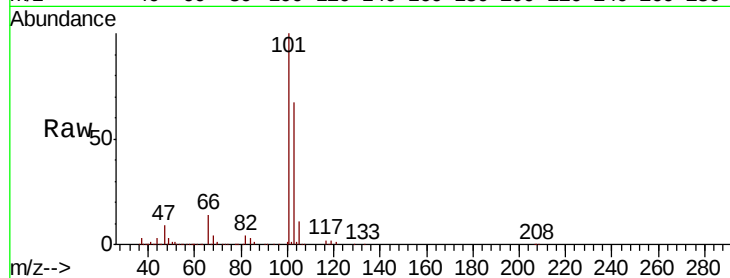


#7

Trichlorofluoromethane
 Concen: 18.929 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

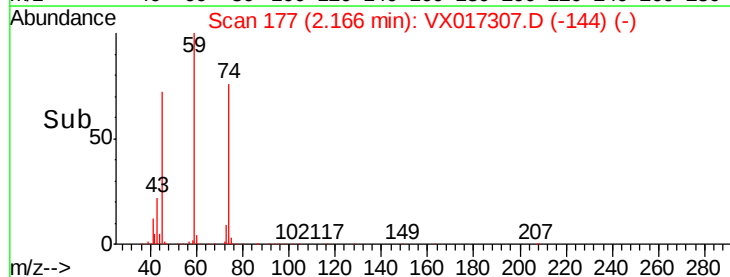
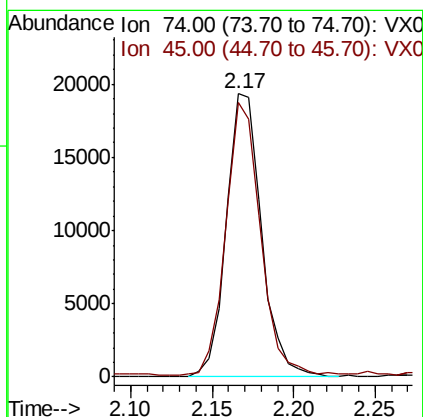
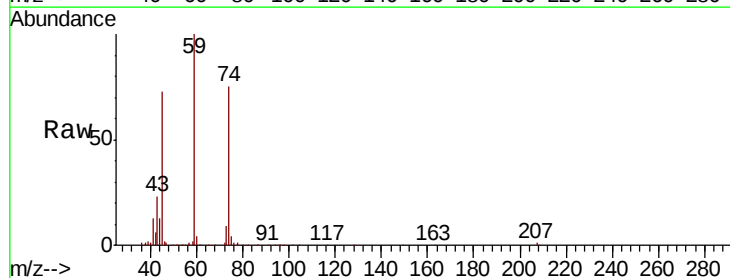
Tot Ion:101 Resp: 83258
 Ion Ratio Lower Upper
 101 100
 103 66.3 50.1 75.1

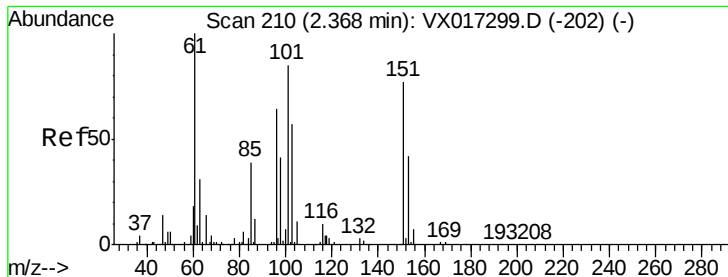


#8

Diethyl Ether
 Concen: 18.517 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Tgt Ion: 74 Resp: 28895
 Ion Ratio Lower Upper
 74 100
 45 94.9 18.9 170.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.186 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS01

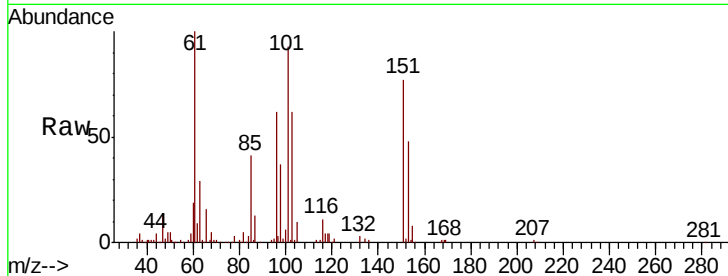
Tot Ion:101 Resp: 48547

Ion Ratio Lower Upper

101 100

85 42.7 0.0 87.8

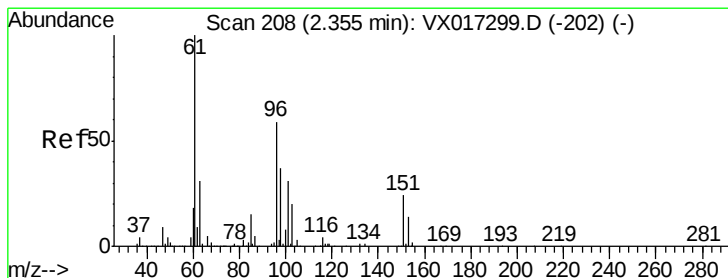
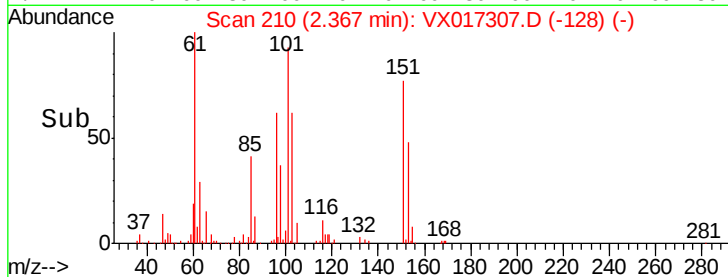
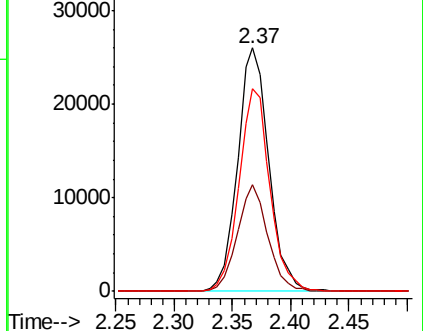
151 82.2 0.0 170.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.881 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

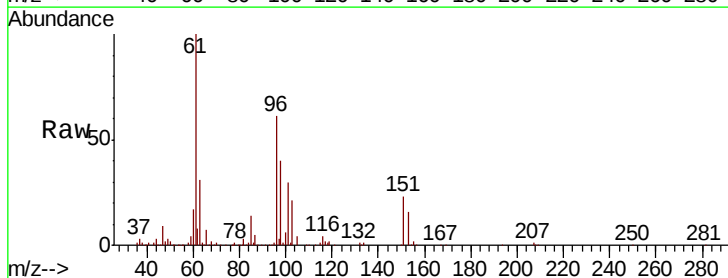
Tgt Ion: 96 Resp: 44770

Ion Ratio Lower Upper

96 100

61 163.6 137.0 205.4

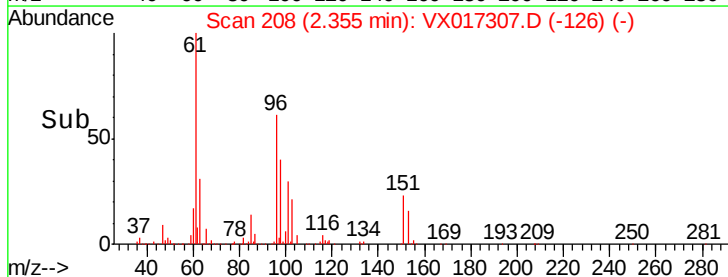
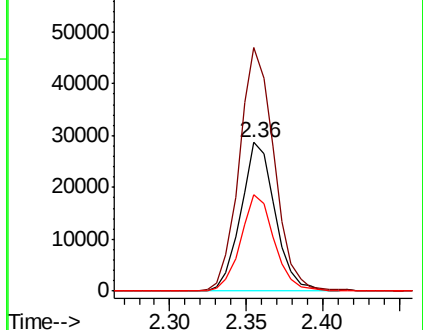
98 64.9 51.1 76.7

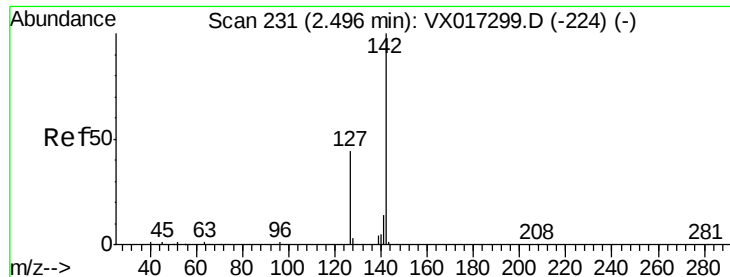


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

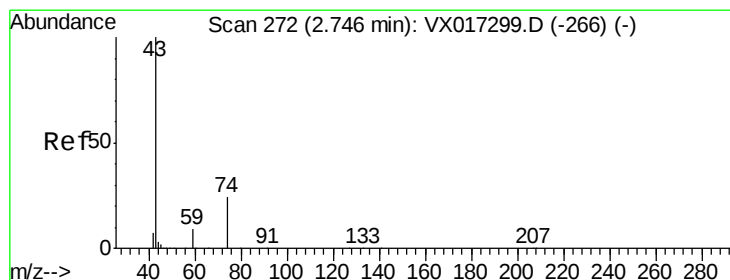
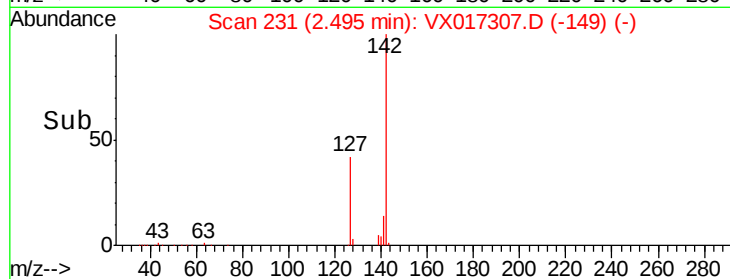
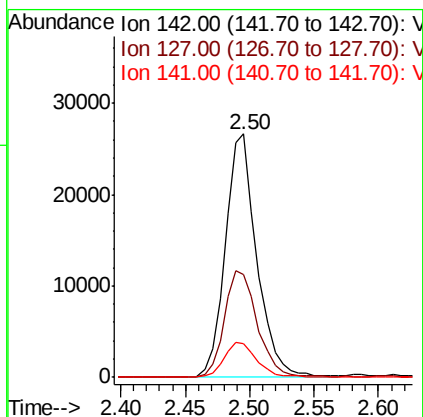
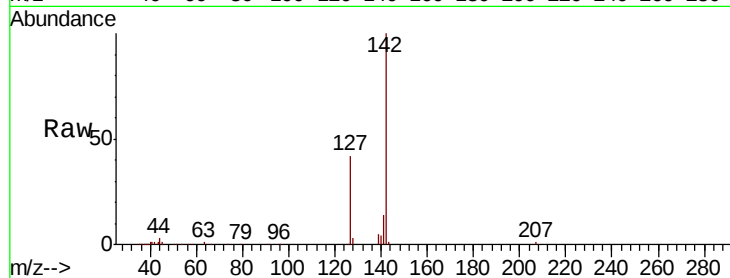




#11
Methvl Iodide
Concen: 16.119 ug/l
RT: 2.50 min Scan# 231
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

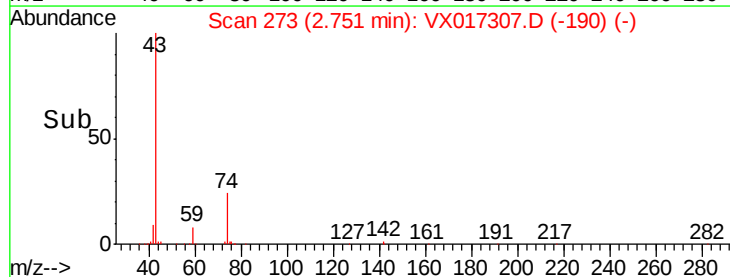
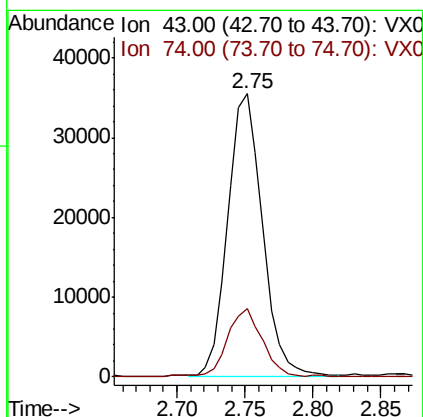
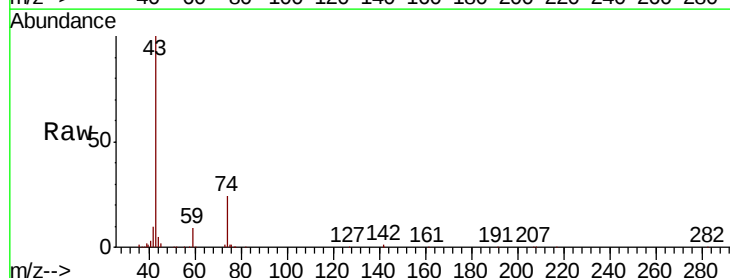
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

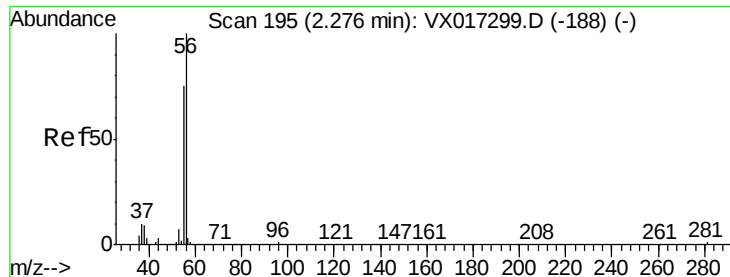
Tot Ion:142 Resp: 45007
Ion Ratio Lower Upper
142 100
127 42.2 21.9 65.7
141 13.7 7.0 21.1



#12
Methyl Acetate
Concen: 19.041 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion: 43 Resp: 62912
Ion Ratio Lower Upper
43 100
74 23.9 18.8 28.2





#13

Acrolein

Concen: 92.857 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

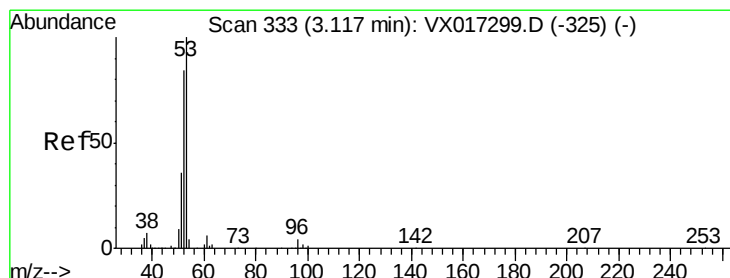
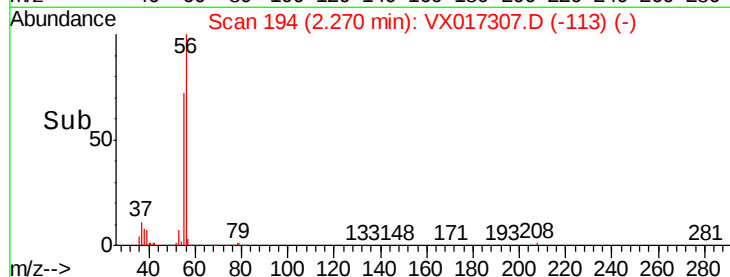
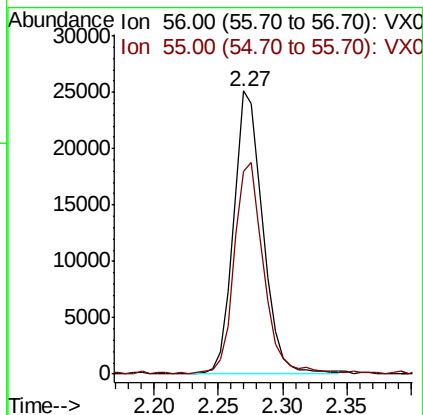
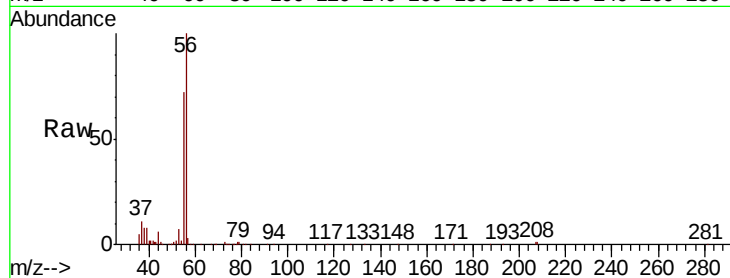
VX0709WBS01

Tot Ion: 56 Resp: 39674

Ion Ratio Lower Upper

56 100

55 75.1 58.5 87.7



#14

Acrylonitrile

Concen: 95.547 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

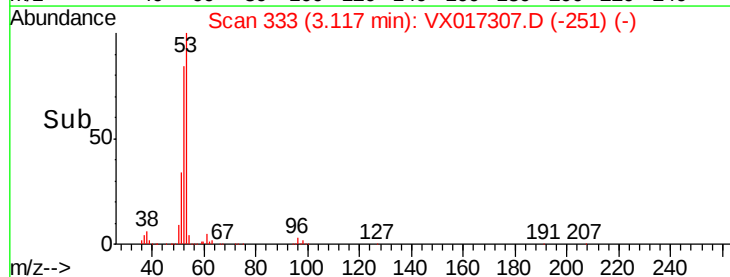
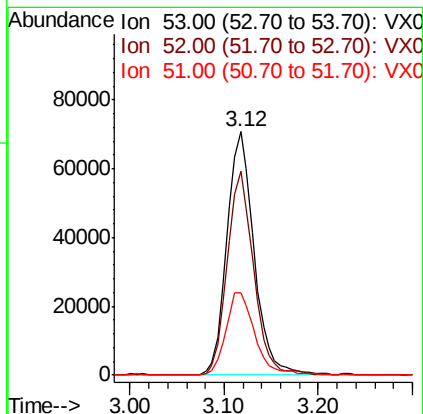
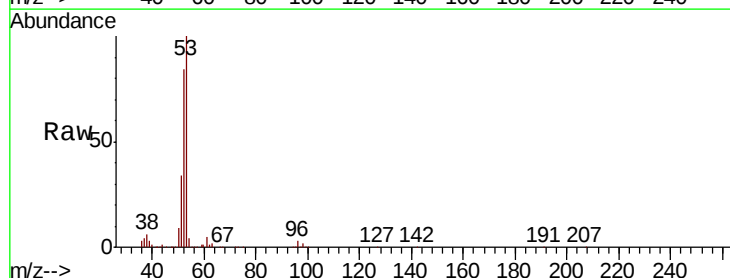
Tgt Ion: 53 Resp: 142434

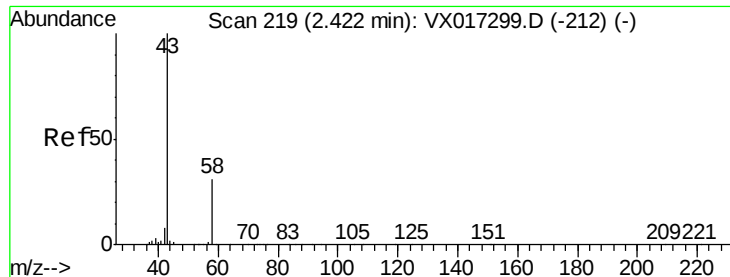
Ion Ratio Lower Upper

53 100

52 81.0 41.3 123.9

51 34.9 18.1 54.1





#15

Acetone

Concen: 92.224 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

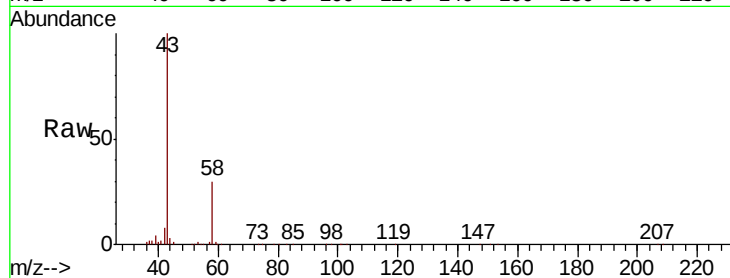
VX0709WBS01

Tot Ion: 58 Resp: 34672

Ion Ratio Lower Upper

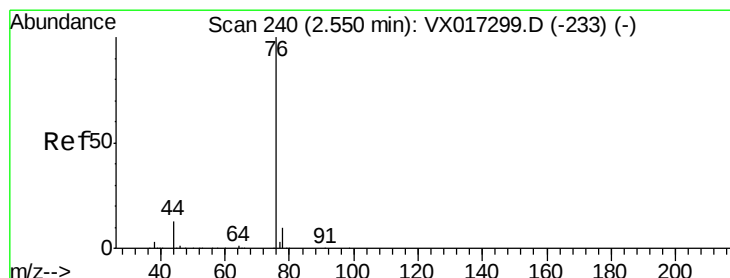
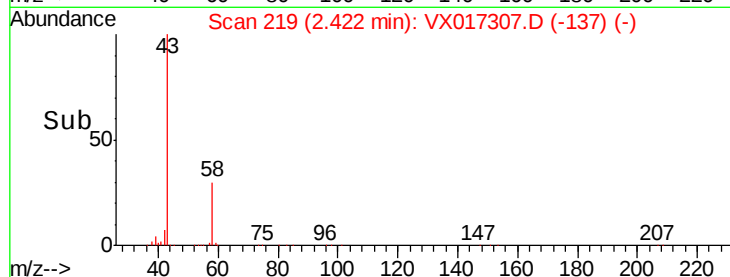
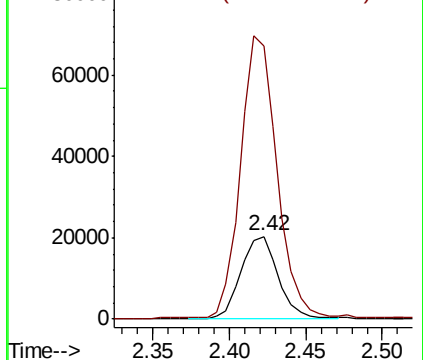
58 100

43 327.4 255.0 382.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.324 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017307.D

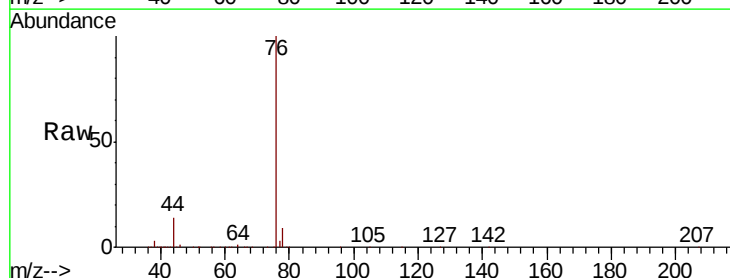
Acq: 09 Jul 2020 15:03

Tgt Ion: 76 Resp: 124285

Ion Ratio Lower Upper

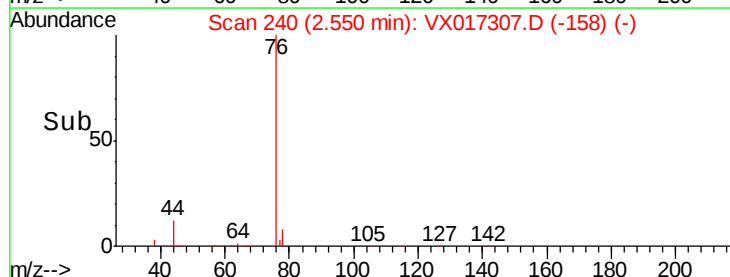
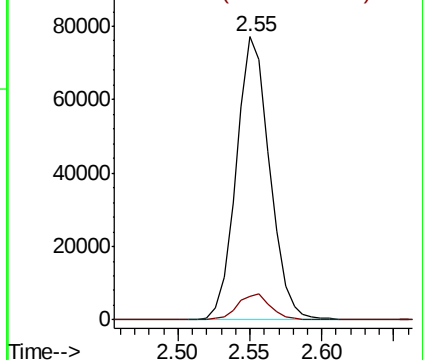
76 100

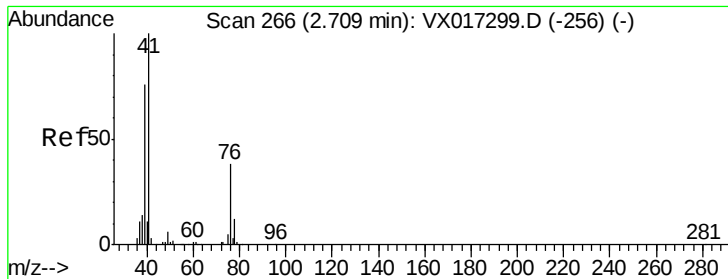
78 8.5 7.9 11.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

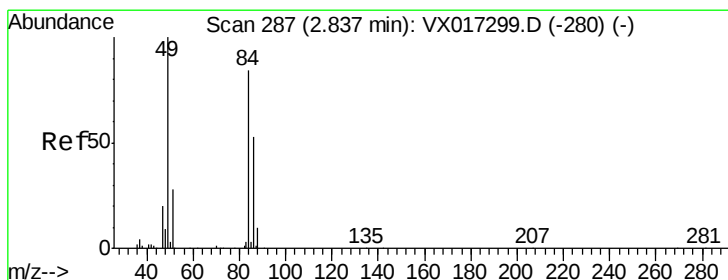
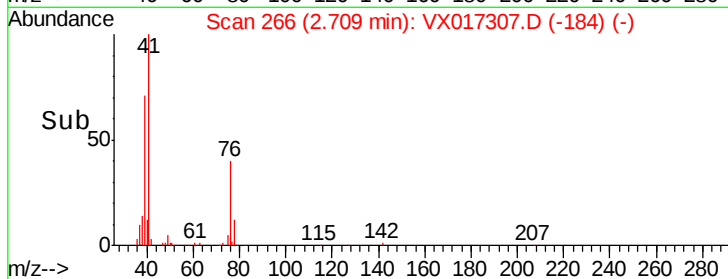
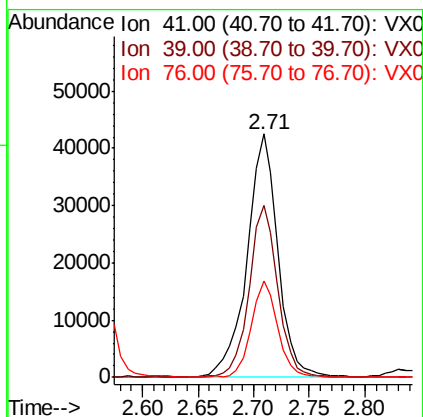
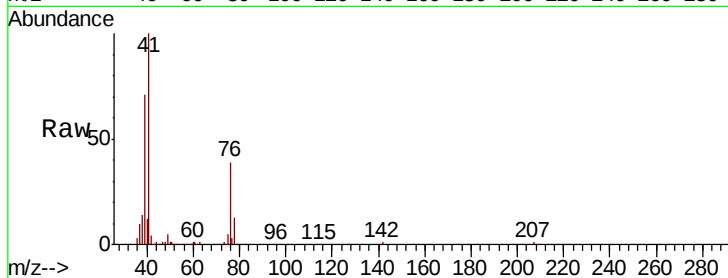




#17
Allvl chloride
Concen: 18.505 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

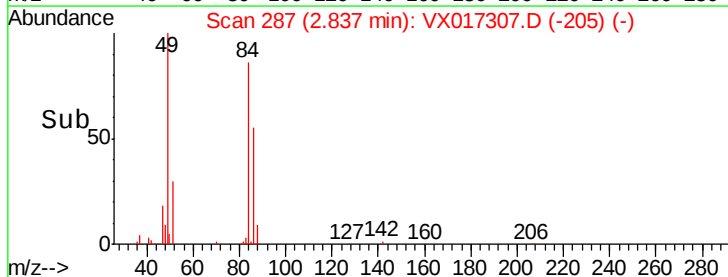
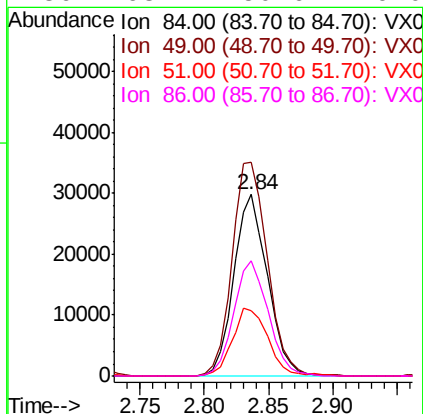
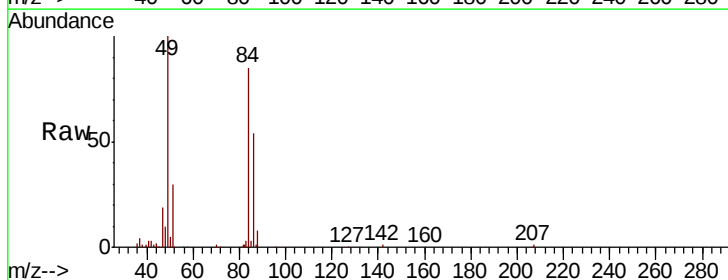
Instrument :
MSVOA_X
ClientSampled :
VX0709WBS01

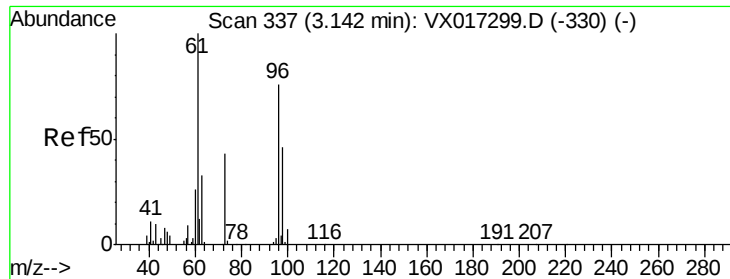
Tot Ion: 41 Resp: 81631
Ion Ratio Lower Upper
41 100
39 70.6 38.1 114.5
76 39.2 18.8 56.4



#18
Methylene Chloride
Concen: 18.548 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion: 84 Resp: 54169
Ion Ratio Lower Upper
84 100
49 117.5 95.7 143.5
51 35.6 27.2 40.8
86 63.4 50.6 76.0

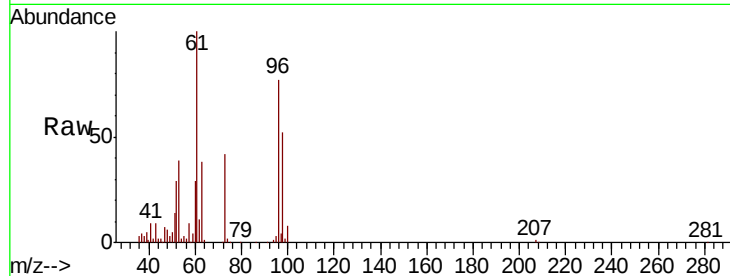




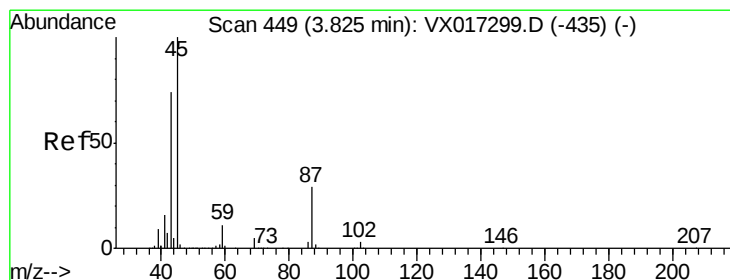
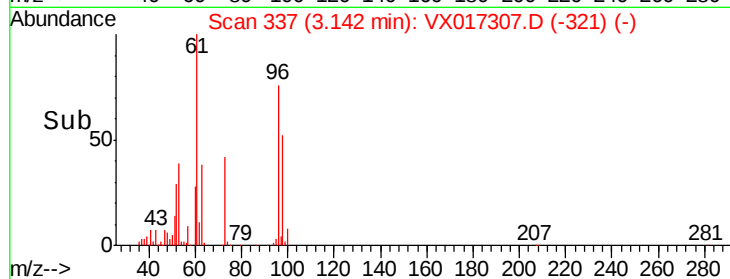
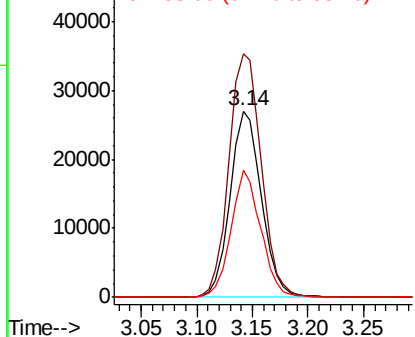
#19
trans-1,2-Dichloroethene
Concen: 19.019 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

Tot Ion: 96 Resp: 52728
Ion Ratio Lower Upper
96 100
61 130.5 105.0 157.6
98 68.1 48.6 73.0

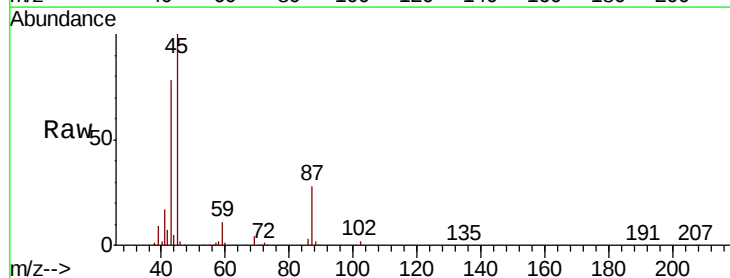


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

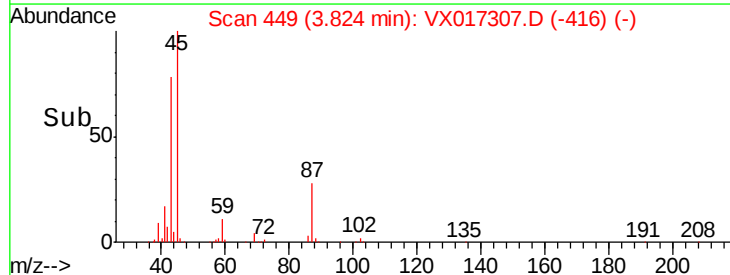
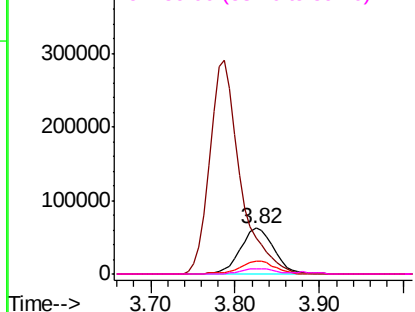


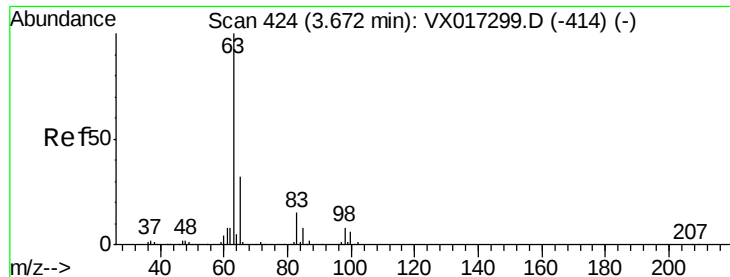
#20
Diisopropyl ether
Concen: 19.214 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion: 45 Resp: 169453
Ion Ratio Lower Upper
45 100
43 76.9 59.5 89.3
87 27.6 23.2 34.8
59 10.8 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 19.091 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS01

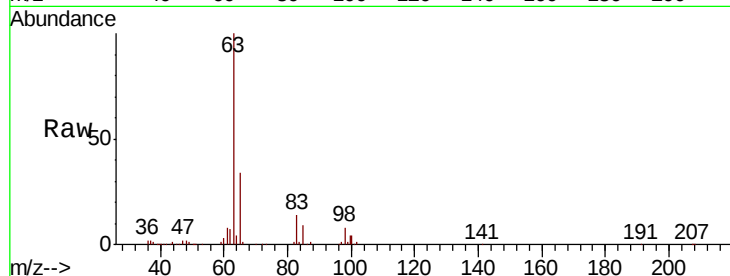
Tot Ion: 63 Resp: 94372

Ion Ratio Lower Upper

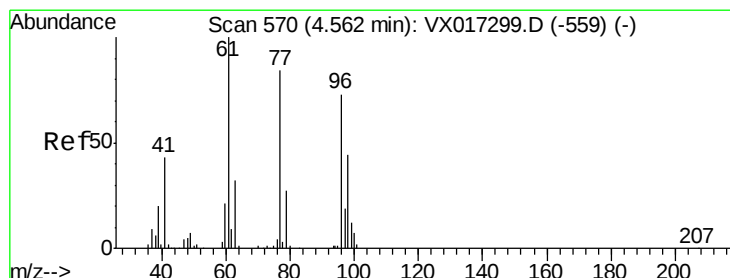
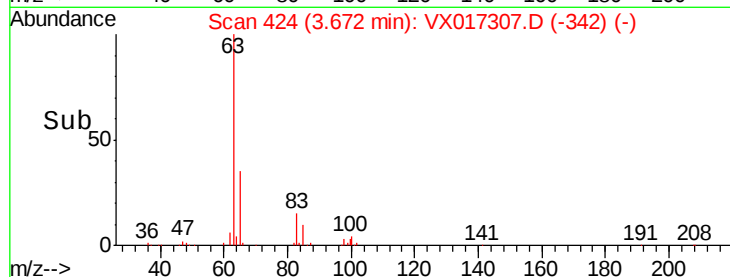
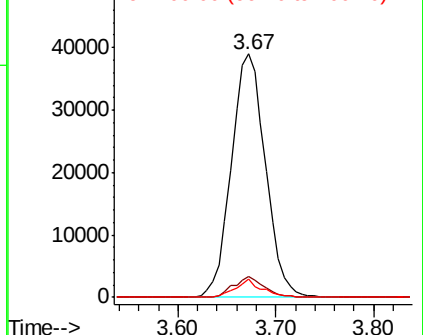
63 100

98 8.3 4.2 12.4

100 7.4 2.8 8.3



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.059 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

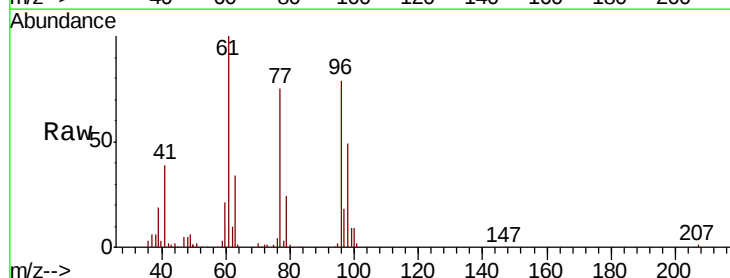
Tgt Ion: 96 Resp: 60282

Ion Ratio Lower Upper

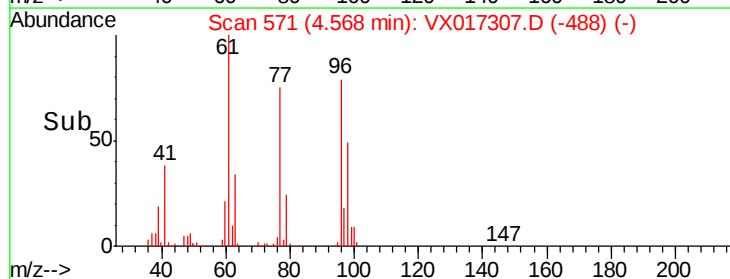
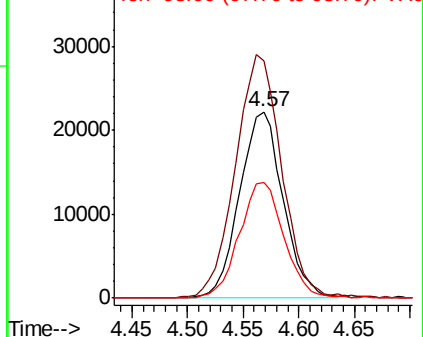
96 100

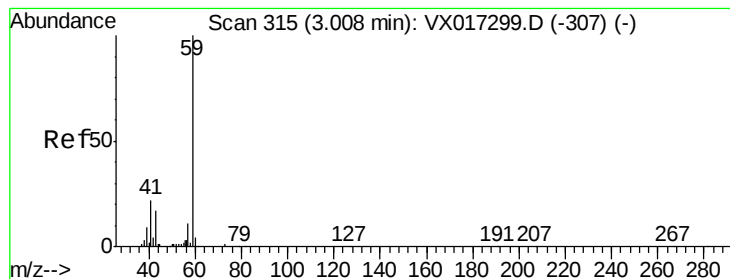
61 138.1 111.7 167.5

98 63.7 50.9 76.3



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 90.262 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

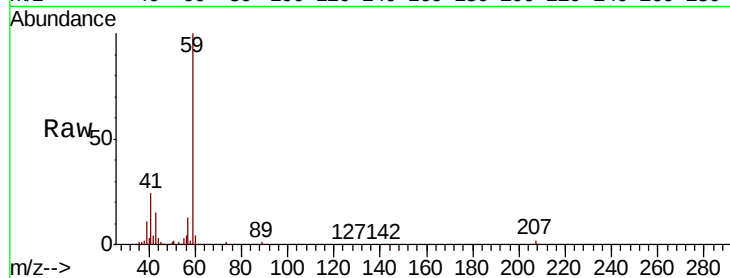
VX0709WBS01

Tot Ion: 59 Resp: 55522

Ion Ratio Lower Upper

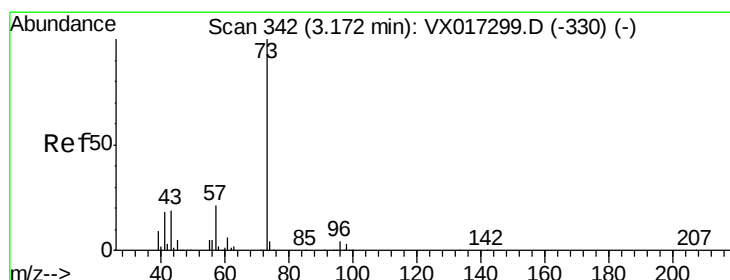
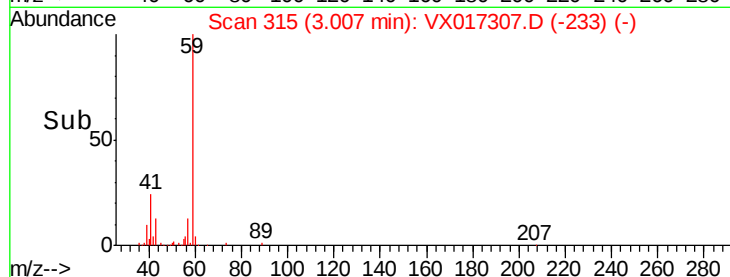
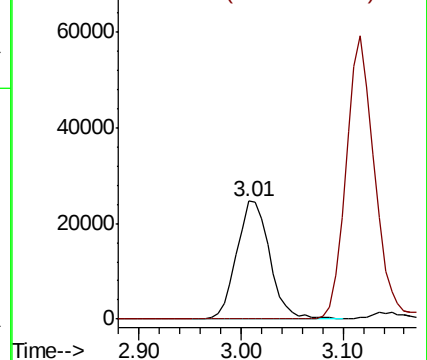
59 100

52 0.2 0.4 0.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 18.707 ug/l

RT: 3.17 min Scan# 342

Delta R.T. -0.00 min

Lab File: VX017307.D

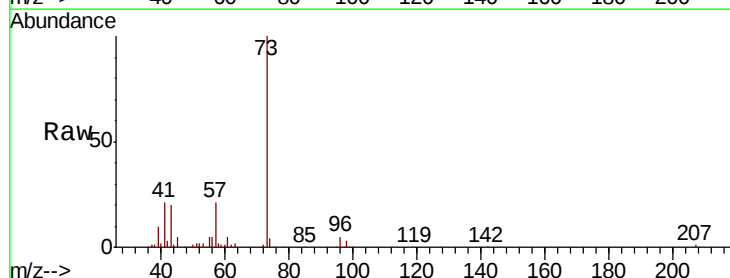
Acq: 09 Jul 2020 15:03

Tgt Ion: 73 Resp: 169350

Ion Ratio Lower Upper

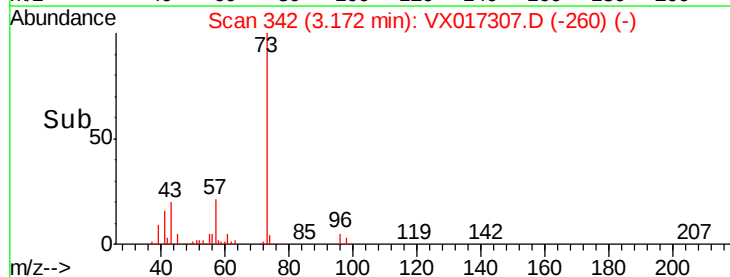
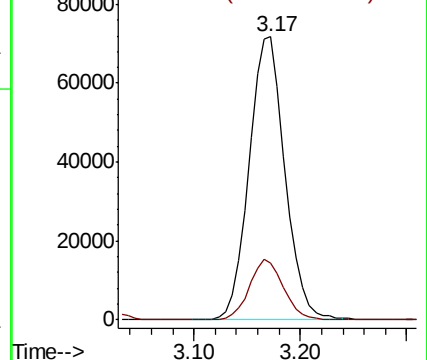
73 100

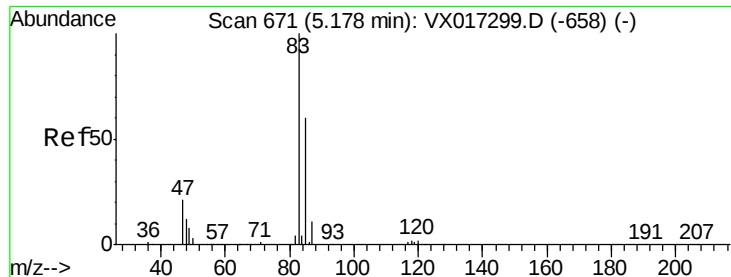
43 20.4 16.3 24.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 19.042 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

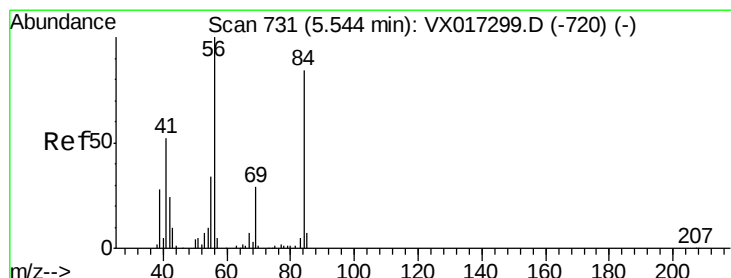
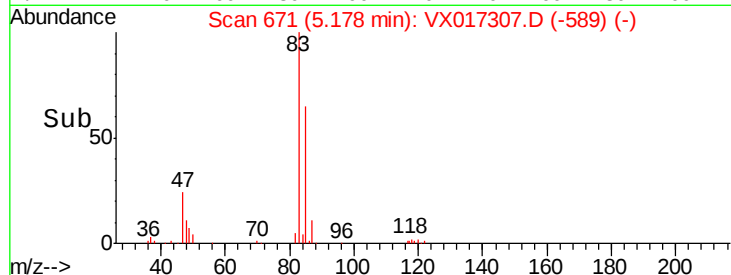
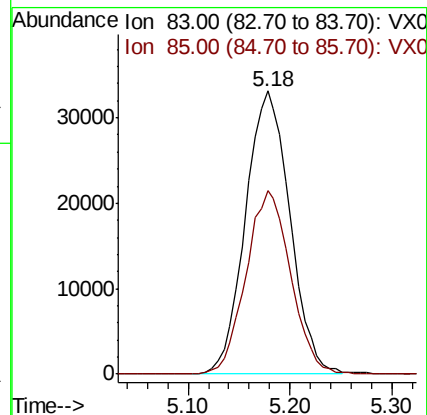
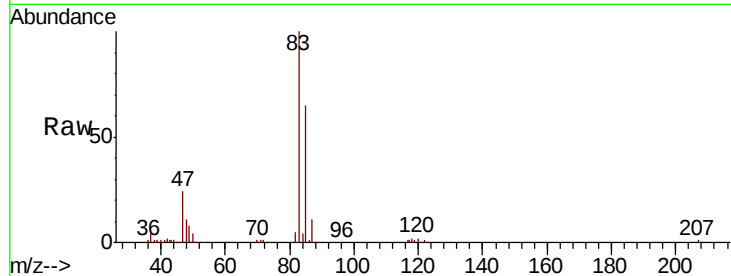
VX0709WBS01

Tot Ion: 83 Resp: 100294

Ion Ratio Lower Upper

83 100

85 65.0 47.8 71.8



#26

Cyclohexane

Concen: 20.045 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

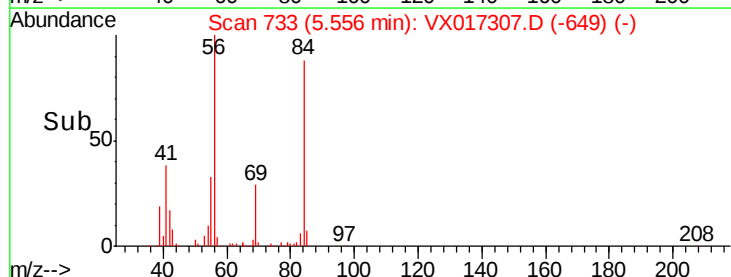
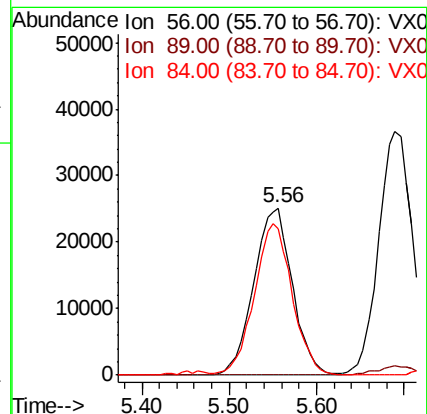
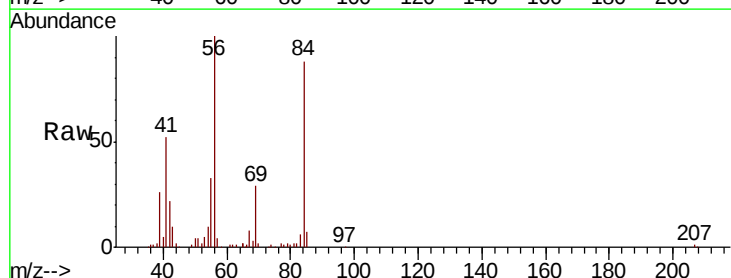
Tgt Ion: 56 Resp: 77198

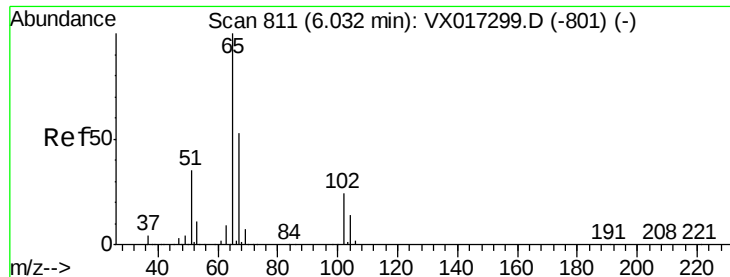
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.0 71.5 107.3





#27

1,2-Dichloroethane-d4

Concen: 29.357 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

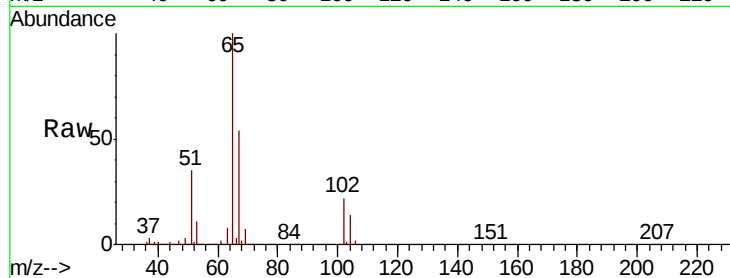
VX0709WBS01

Tot Ion: 65 Resp: 108875

Ion Ratio Lower Upper

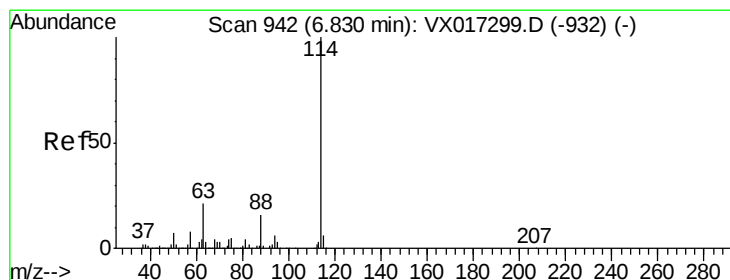
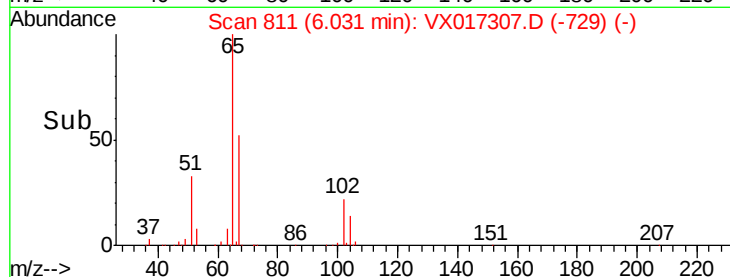
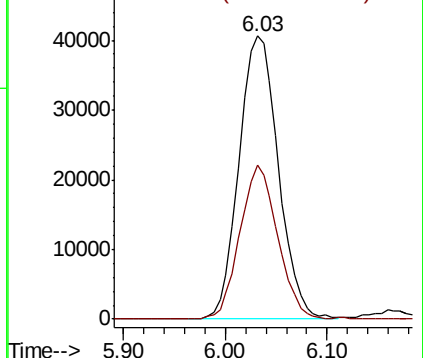
65 100

67 52.1 41.0 61.6



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

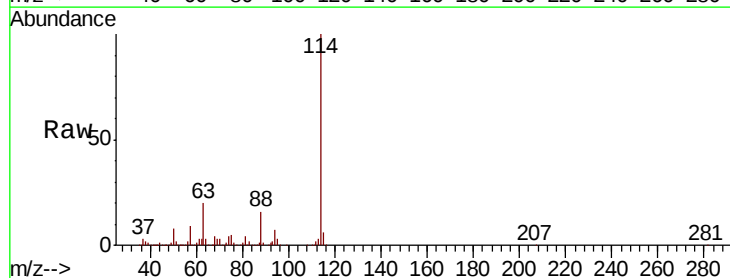
Tgt Ion: 114 Resp: 261516

Ion Ratio Lower Upper

114 100

63 20.3 15.9 23.9

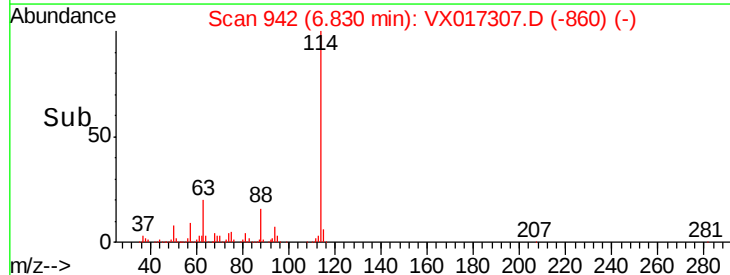
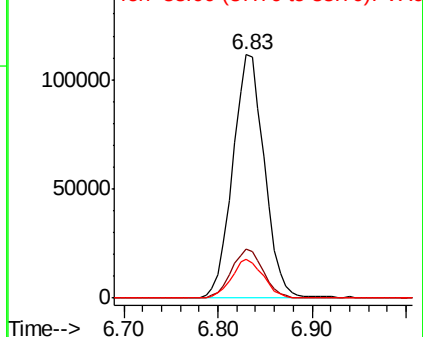
88 16.0 12.4 18.6

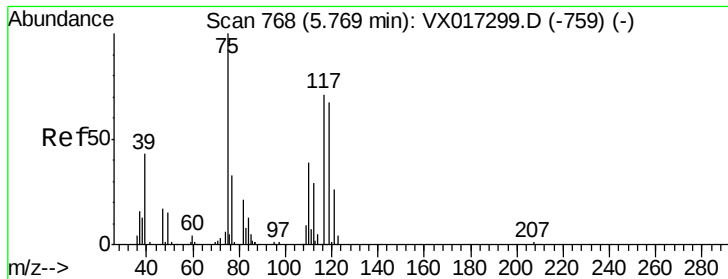


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

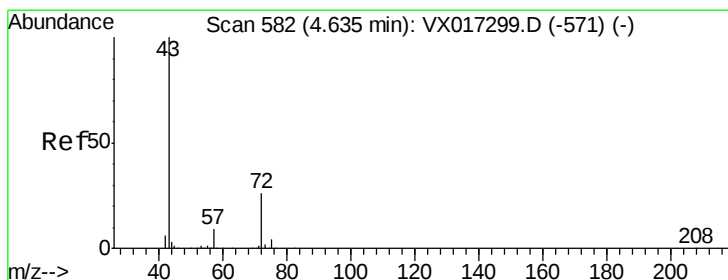
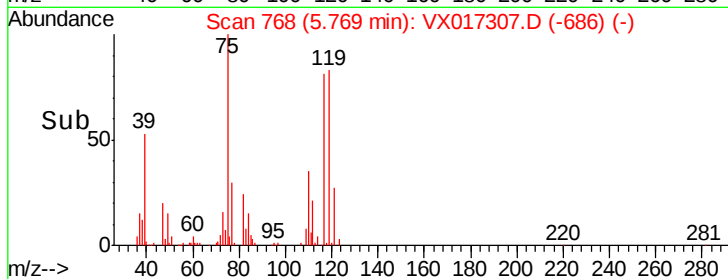
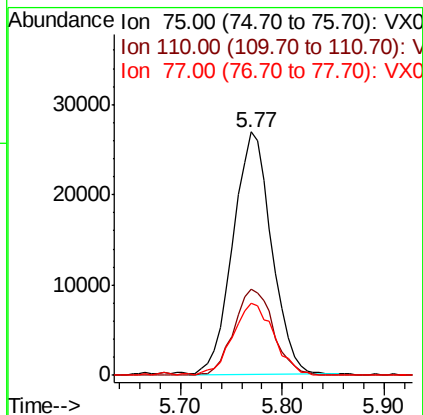
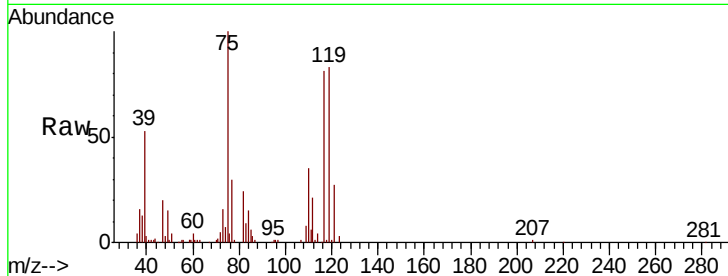




#29
 1,1-Dichloropropene
 Concen: 19.549 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

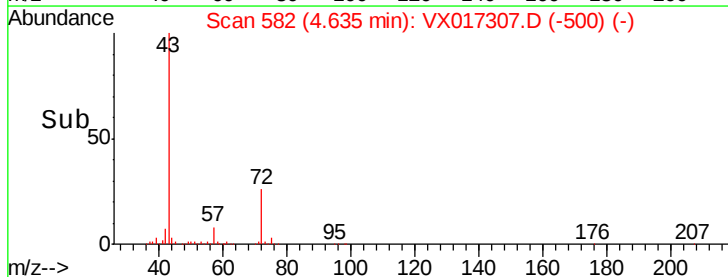
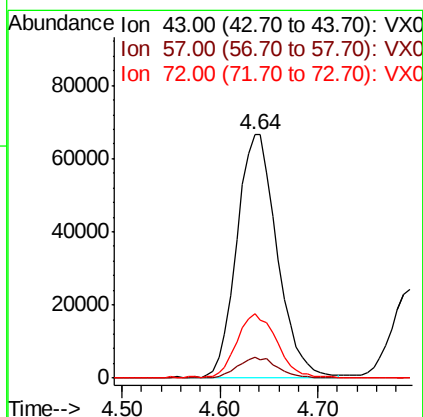
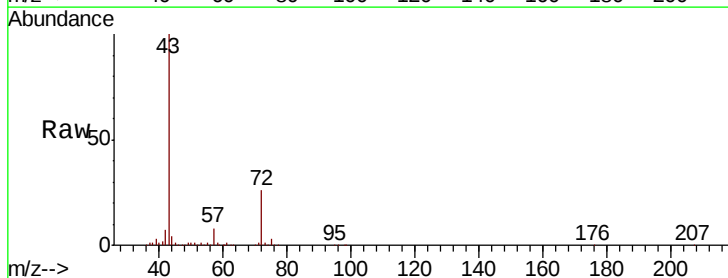
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

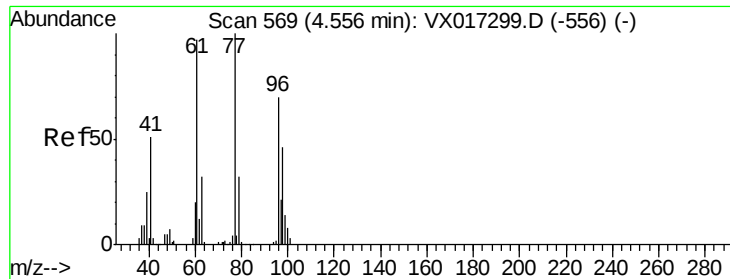
Tot Ion	Ratio	Lower	Upper
75	100		
110	36.5	0.0	75.8
77	31.0	0.0	63.4



#30
 2-Butanone
 Concen: 95.799 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.6	6.8	10.2
72	25.7	21.0	31.6





#31

2,2-Dichloropropane

Concen: 18.800 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

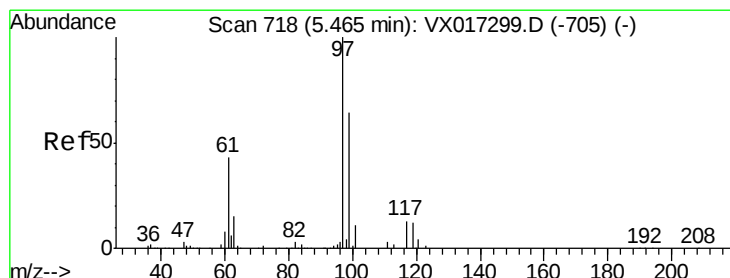
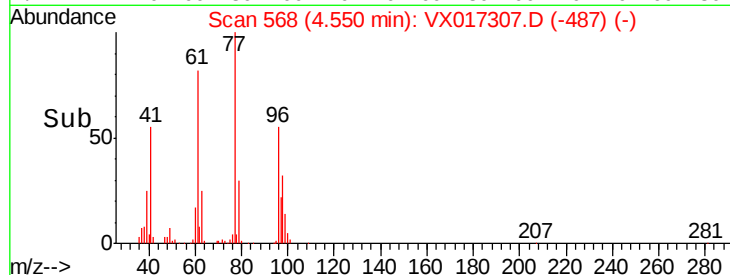
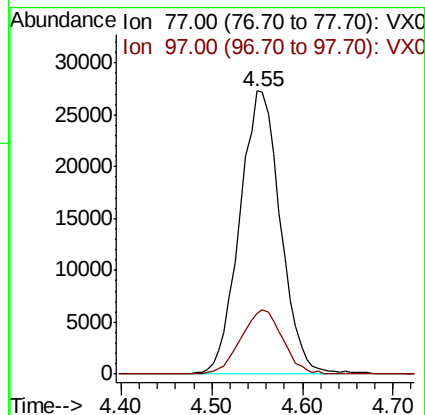
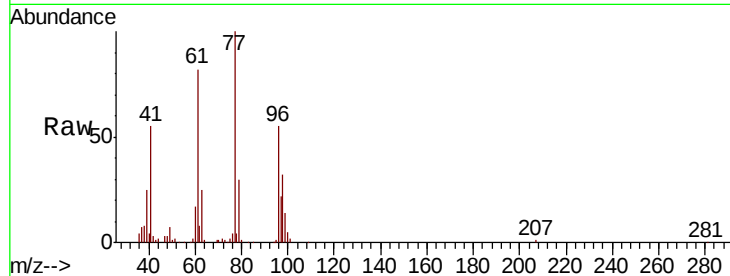
VX0709WBS01

Tot Ion: 77 Resp: 84938

Ion Ratio Lower Upper

77 100

97 23.2 18.2 27.2



#32

1,1,1-Trichloroethane

Concen: 19.386 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

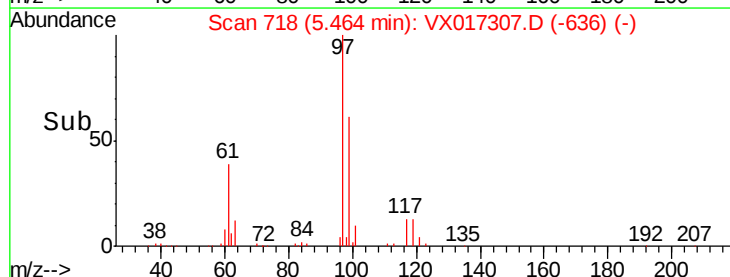
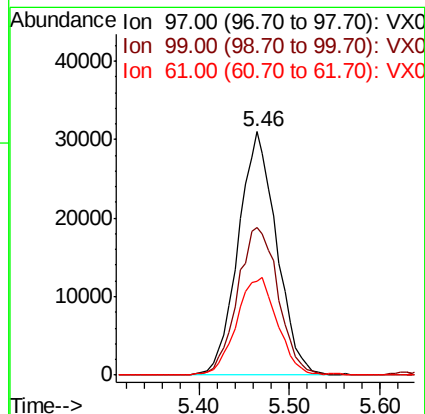
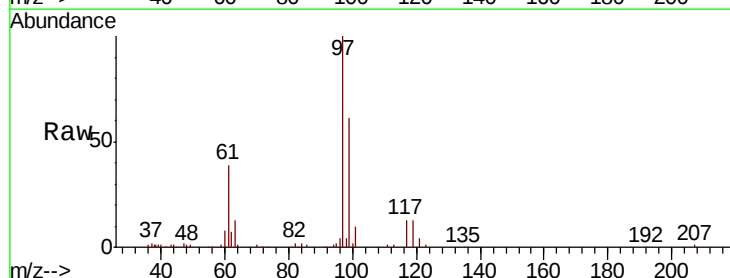
Tgt Ion: 97 Resp: 91022

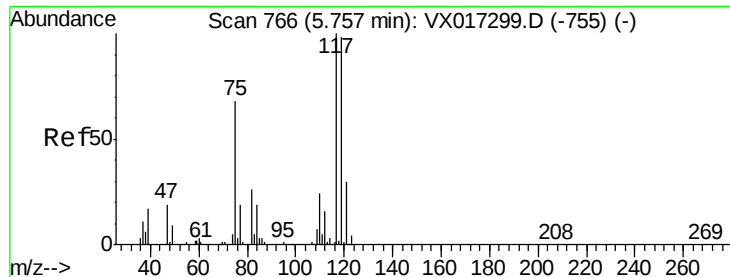
Ion Ratio Lower Upper

97 100

99 64.3 53.2 79.8

61 42.6 34.0 51.0

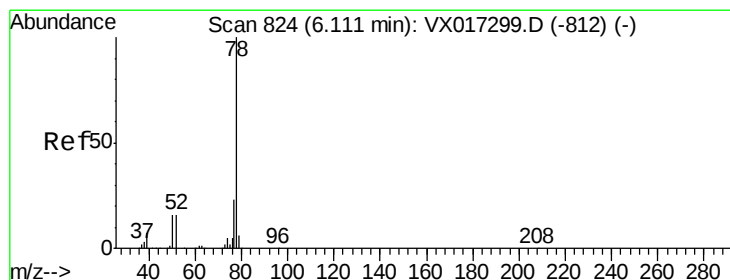
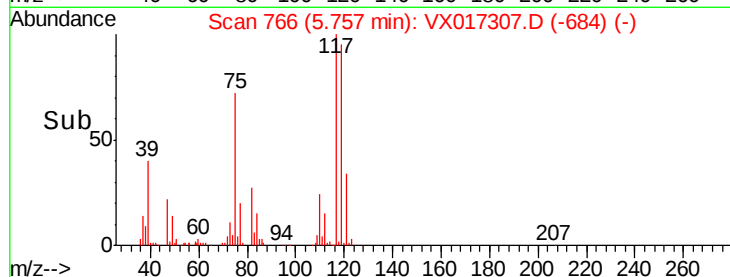
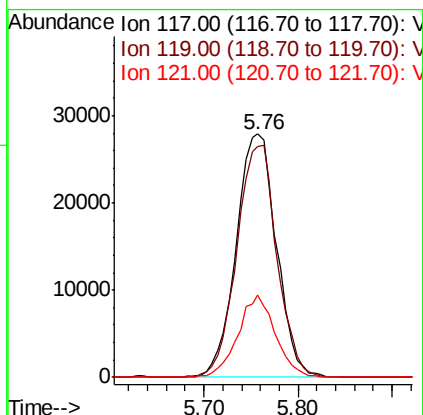
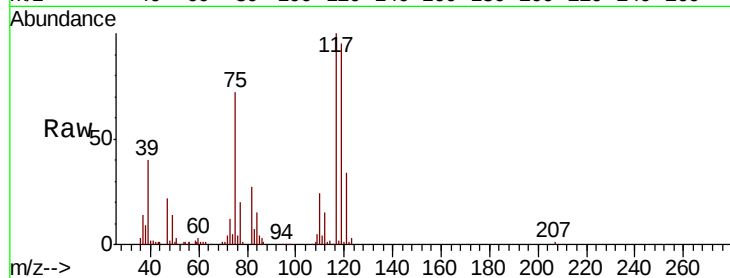




#33
Carbon Tetrachloride
Concen: 19.266 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

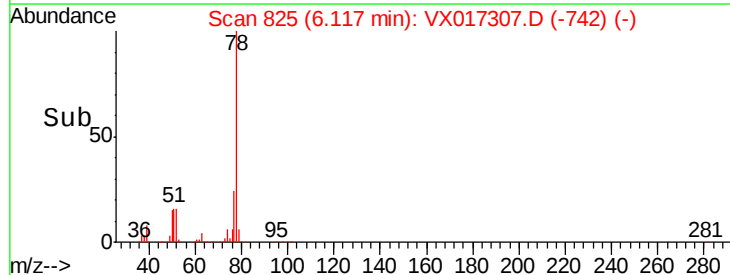
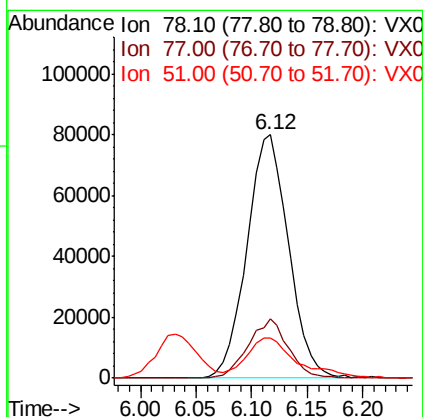
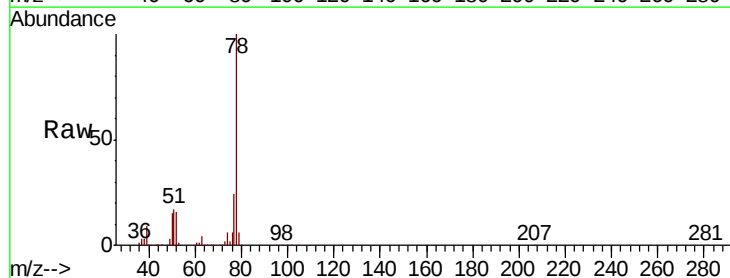
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

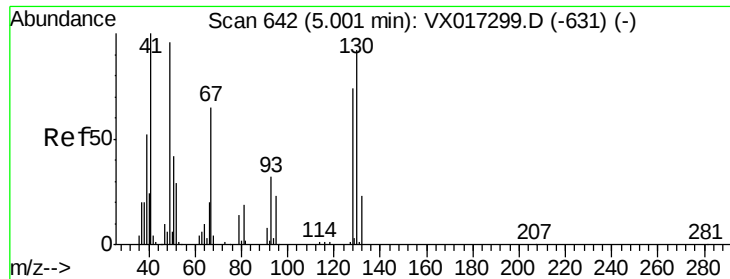
Tot Ion:117 Resp: 83415
Ion Ratio Lower Upper
117 100
119 94.5 78.8 118.2
121 34.0 23.7 35.5



#34
Benzene
Concen: 19.402 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion: 78 Resp: 208197
Ion Ratio Lower Upper
78 100
77 24.3 18.1 27.1
51 14.1 12.9 19.3

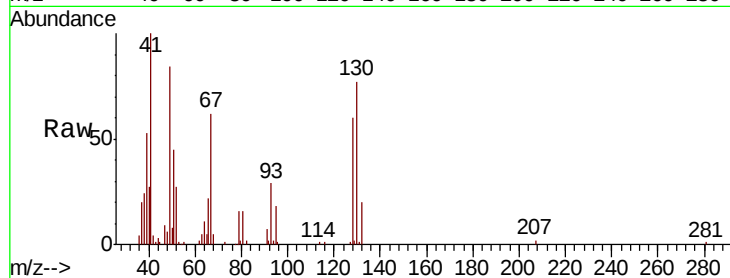




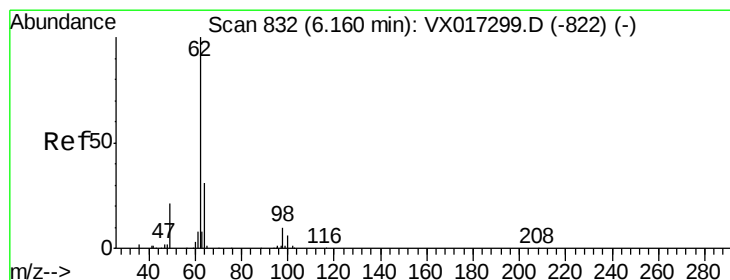
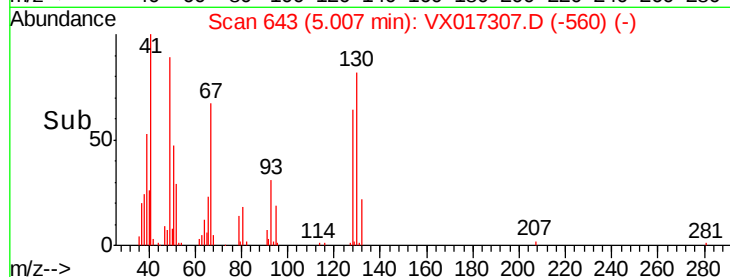
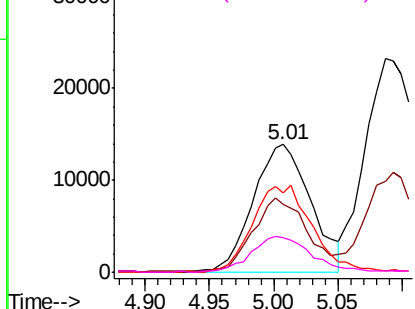
#35
Methacrylonitrile
Concen: 19.533 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

Tot Ion:	41	Resp:	43138
Ion	Ratio	Lower	Upper
41	100		
39	52.0	26.0	78.0
67	61.7	32.6	97.8
52	27.3	14.2	42.6

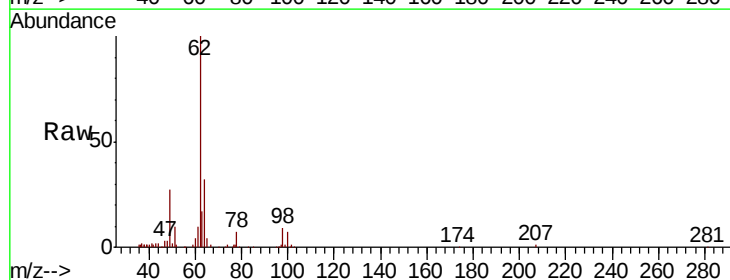


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

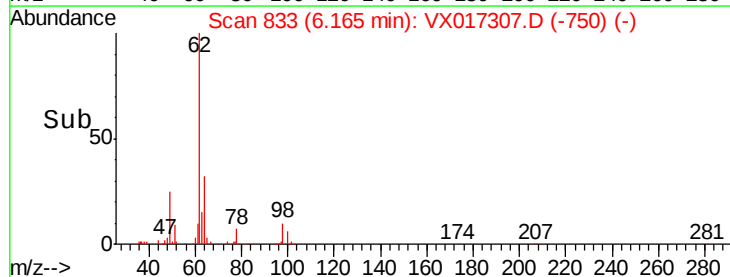
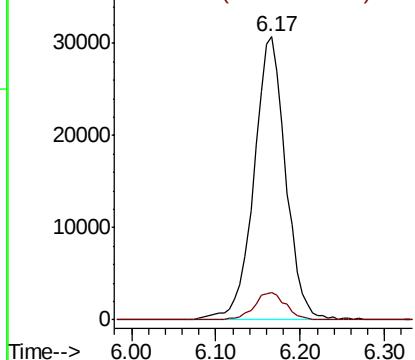


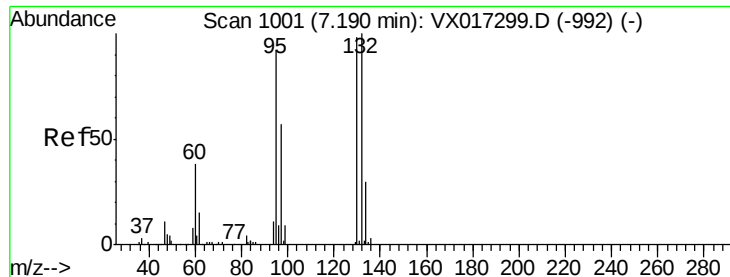
#36
1,2-Dichloroethane
Concen: 18.824 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion:	62	Resp:	79553
Ion	Ratio	Lower	Upper
62	100		
98	9.6	7.8	11.8



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 19.389 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

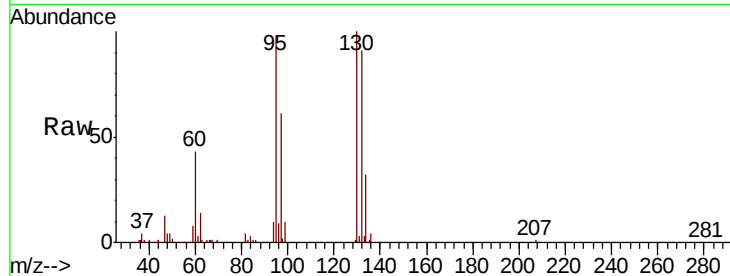
VX0709WBS01

Tot Ion:130 Resp: 62577

Ion Ratio Lower Upper

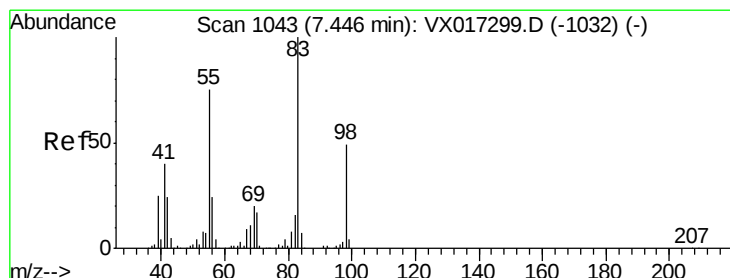
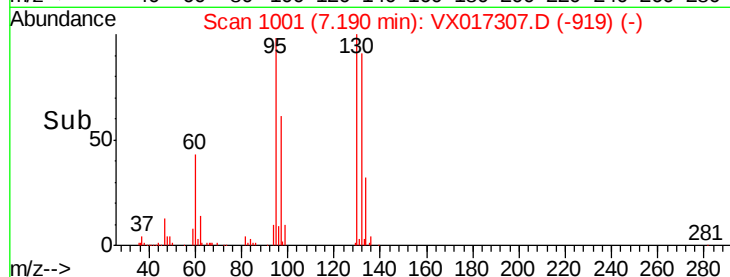
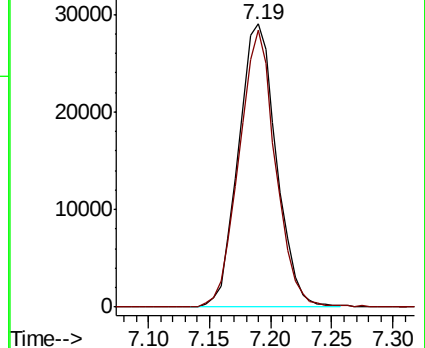
130 100

95 97.8 74.4 111.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 20.053 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

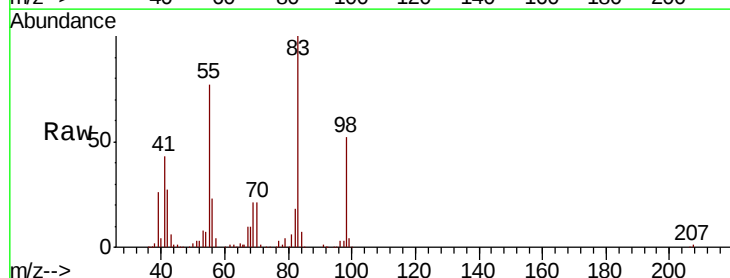
Tgt Ion: 83 Resp: 76206

Ion Ratio Lower Upper

83 100

55 76.8 39.0 117.0

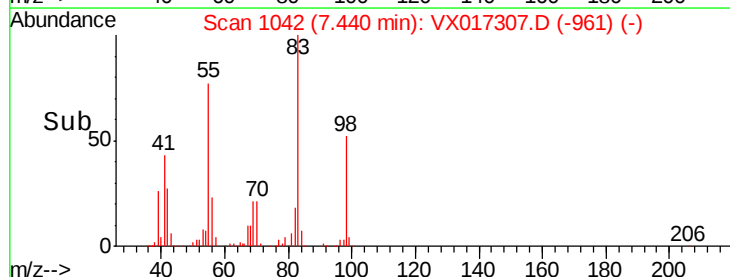
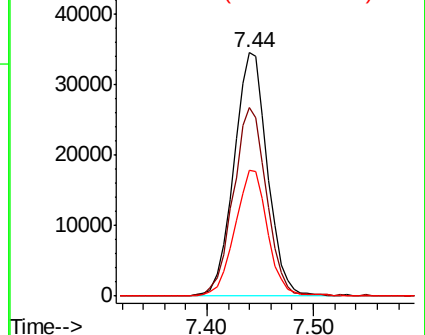
98 50.3 25.3 75.9

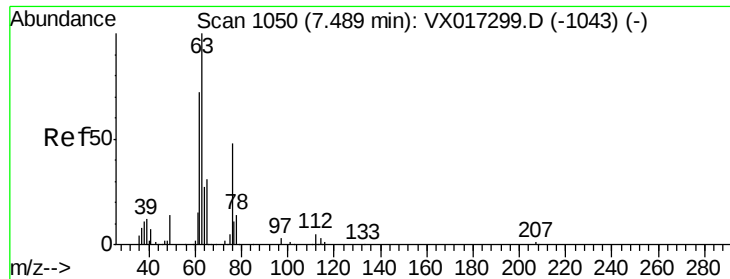


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 19.513 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampled :

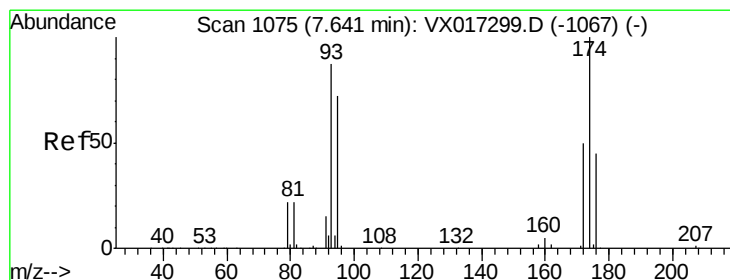
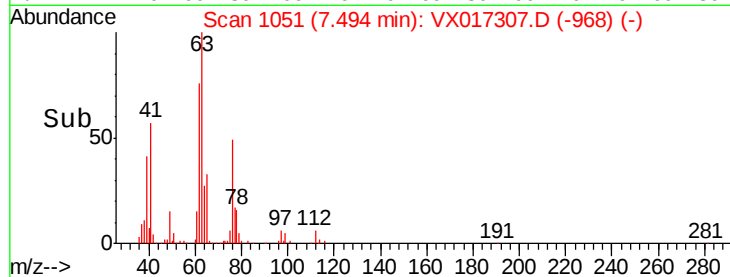
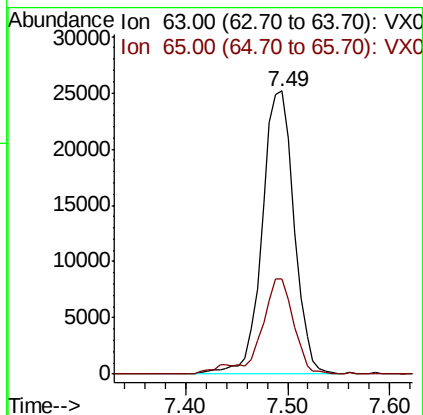
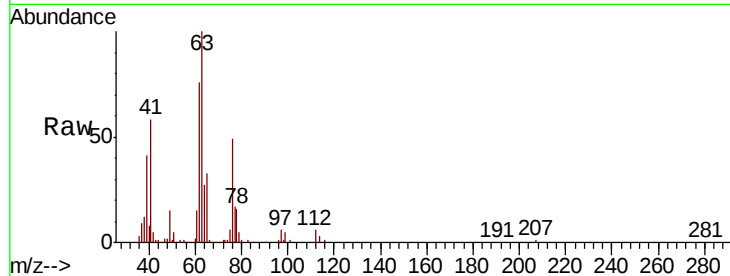
VX0709WBS01

Tot Ion: 63 Resp: 54713

Ion Ratio Lower Upper

63 100

65 33.4 27.4 41.0



#40

Dibromomethane

Concen: 19.372 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

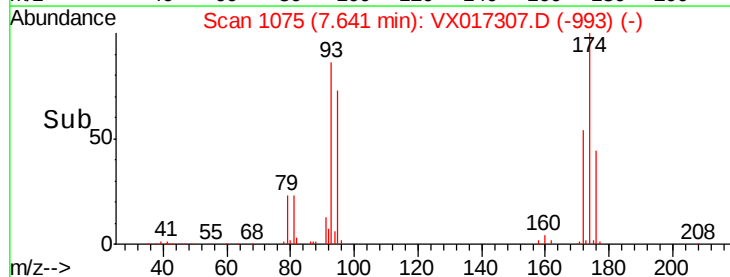
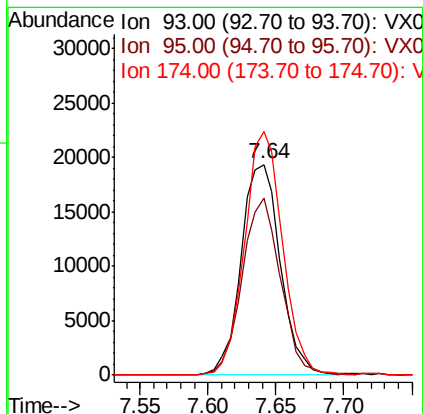
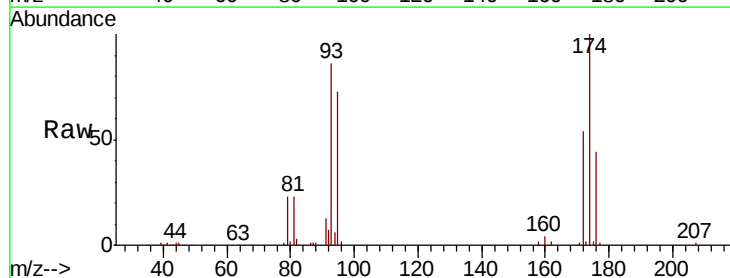
Tgt Ion: 93 Resp: 39132

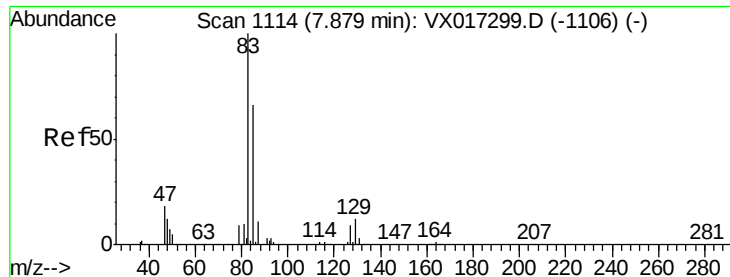
Ion Ratio Lower Upper

93 100

95 82.1 0.0 164.4

174 112.3 0.0 224.8





#41

Bromodichloromethane

Concen: 19.250 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS01

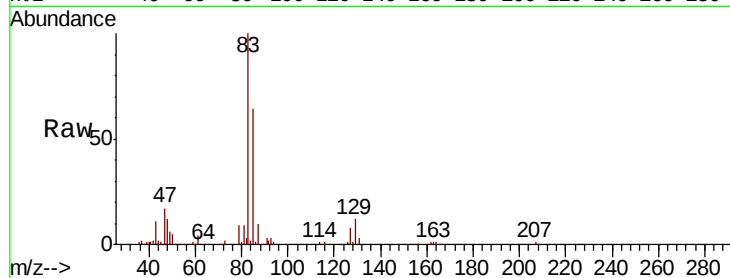
Tot Ion: 83 Resp: 81153

Ion Ratio Lower Upper

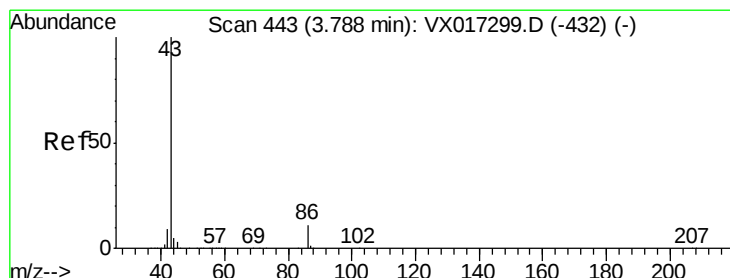
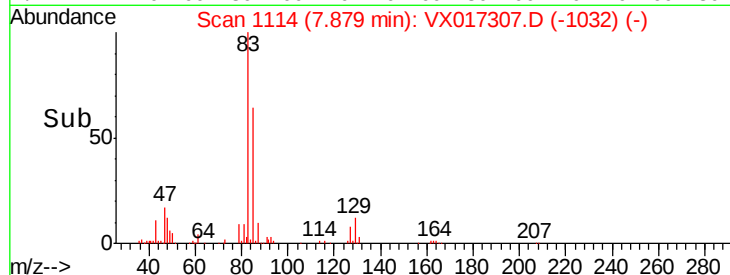
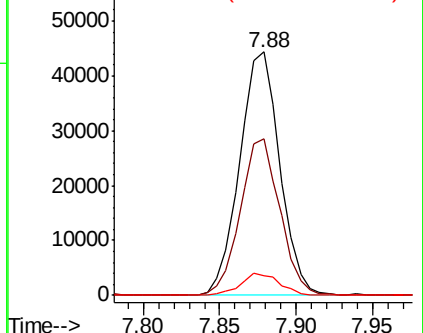
83 100

85 64.3 53.1 79.7

127 8.0 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 96.683 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017307.D

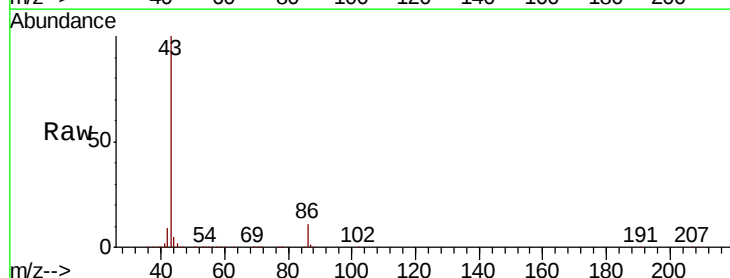
Acq: 09 Jul 2020 15:03

Tgt Ion: 43 Resp: 728825

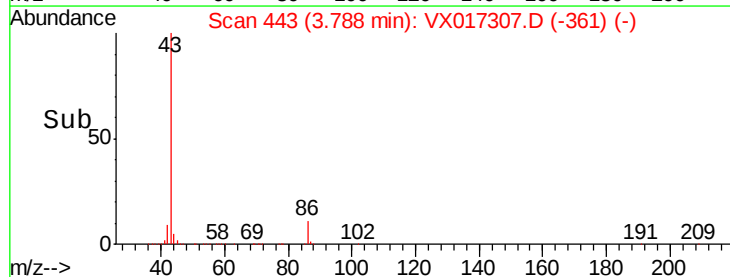
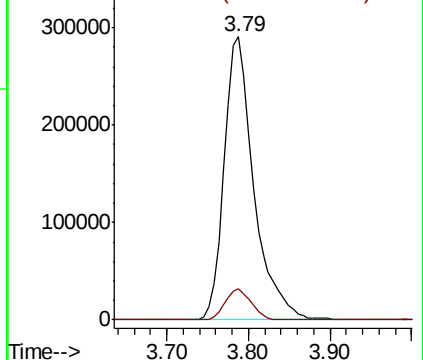
Ion Ratio Lower Upper

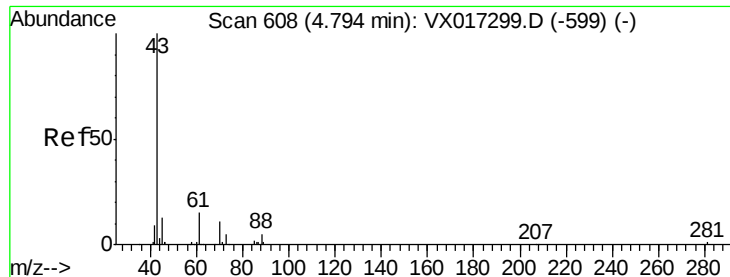
43 100

86 9.8 7.9 11.9



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

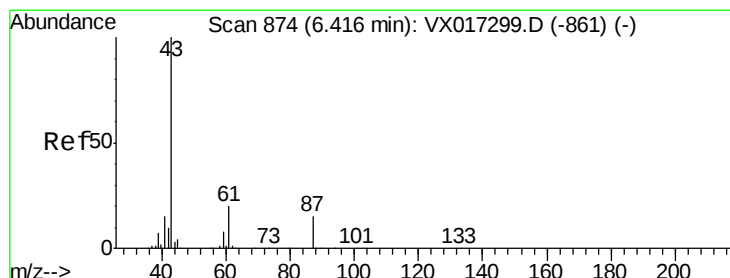
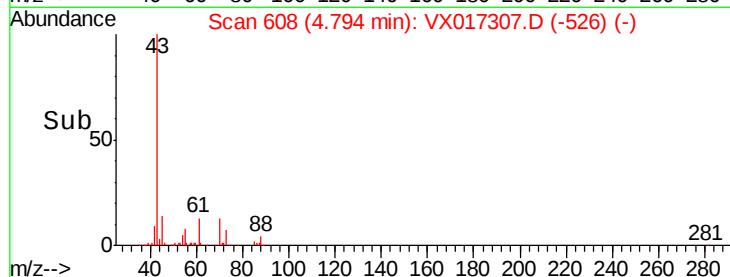
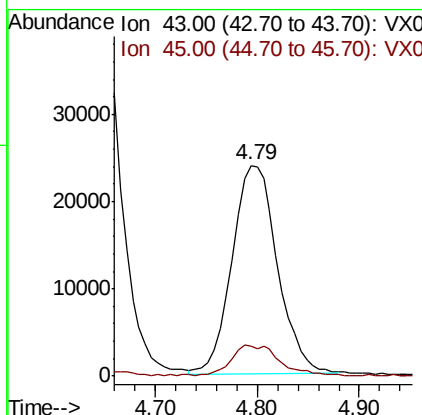
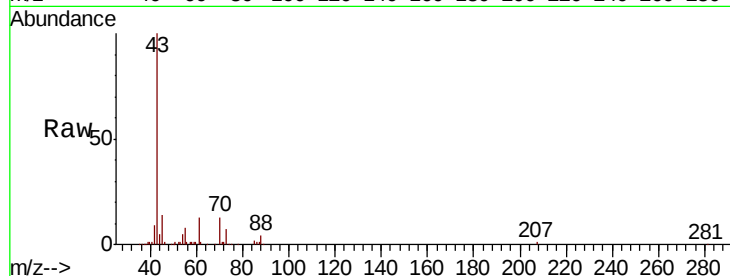




#43
Ethyl Acetate
Concen: 18.985 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

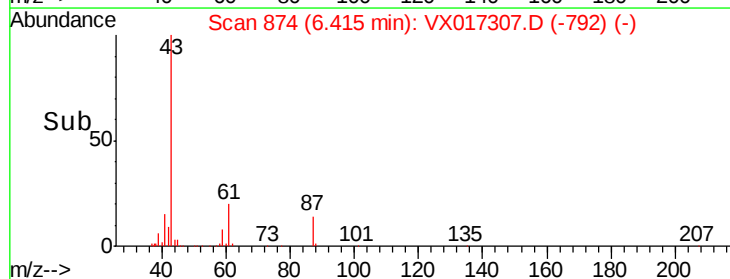
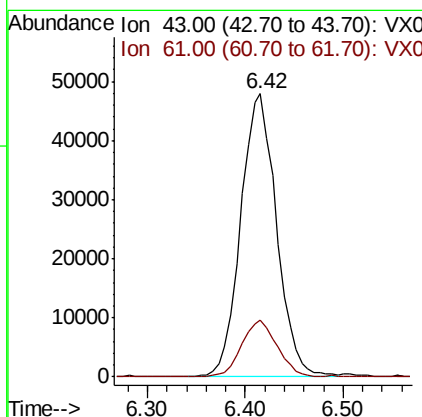
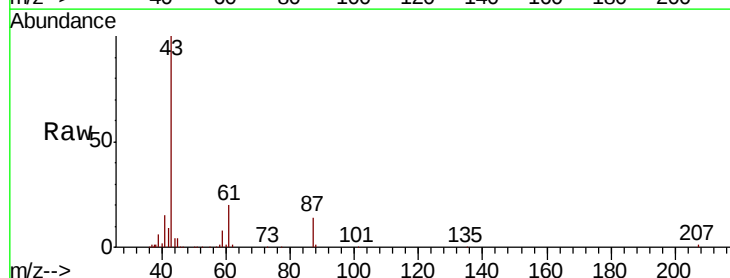
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

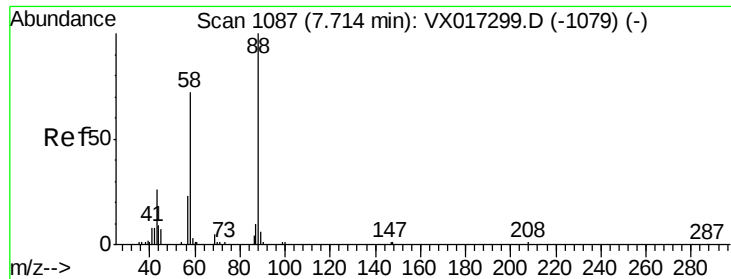
Tot Ion: 43 Resp: 73664
Ion Ratio Lower Upper
43 100
45 8.5 12.1 18.1#



#44
Isopropyl Acetate
Concen: 18.871 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion: 43 Resp: 121824
Ion Ratio Lower Upper
43 100
61 19.9 15.7 23.5

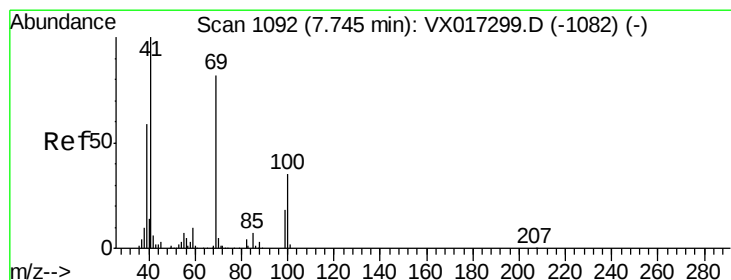
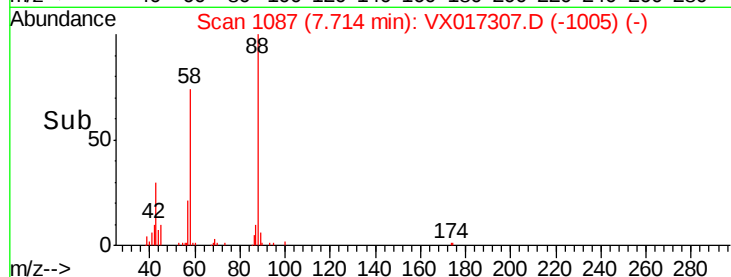
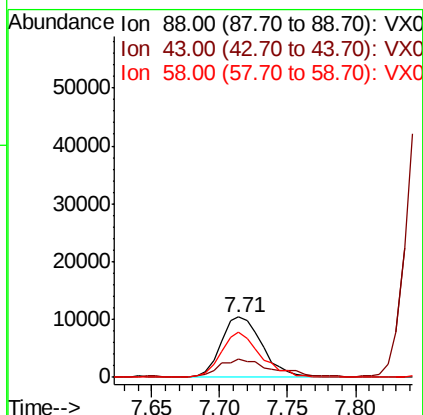
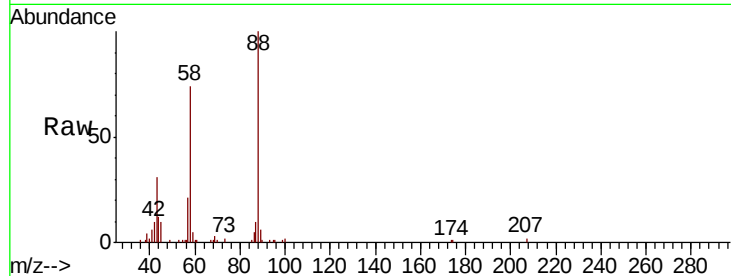




#45
 1,4-Dioxane
 Concen: 360.869 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

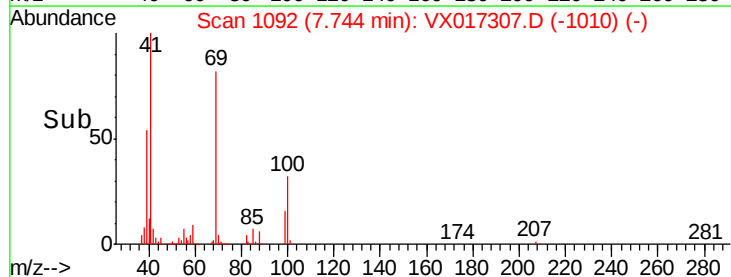
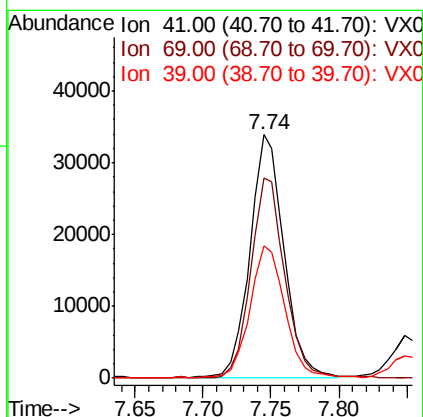
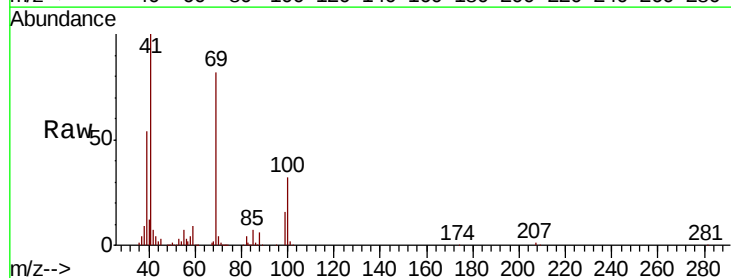
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

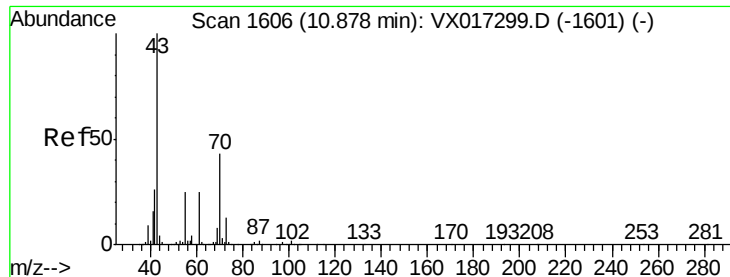
Tot Ion: 88 Resp: 22206
 Ion Ratio Lower Upper
 88 100
 43 31.9 29.0 43.4
 58 70.8 58.3 87.5



#46
 Methyl methacrylate
 Concen: 18.759 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Tgt Ion: 41 Resp: 58995
 Ion Ratio Lower Upper
 41 100
 69 82.2 41.1 123.3
 39 54.5 29.2 87.6

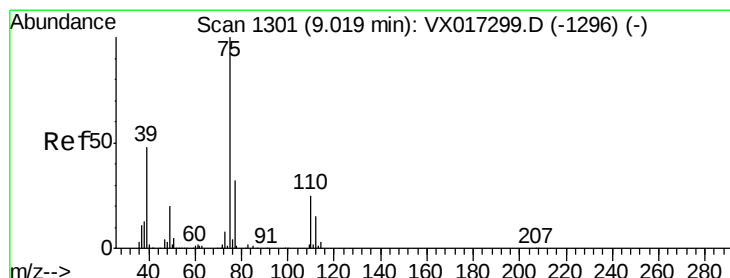
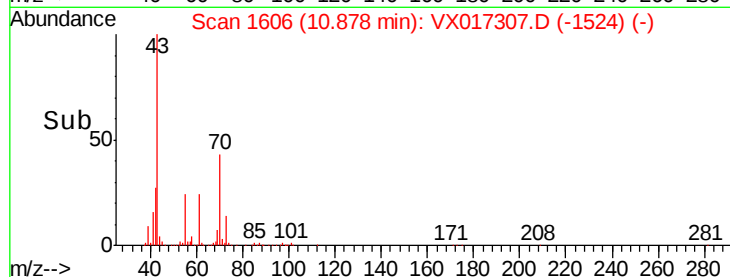
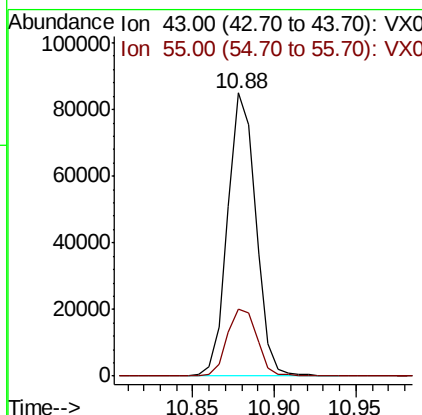
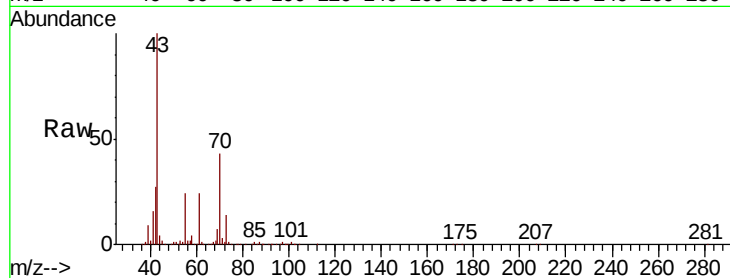




#47
n-amvl Acetate
Concen: 17.915 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

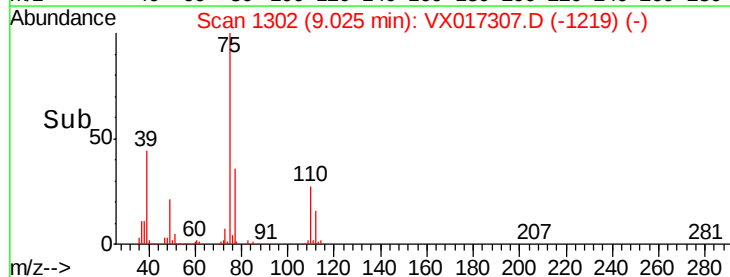
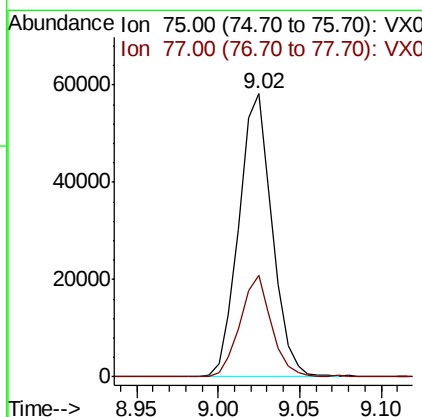
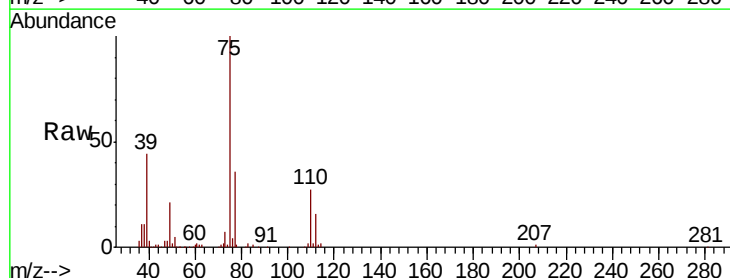
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

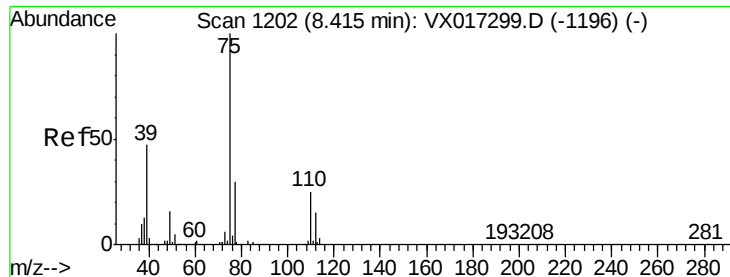
Tot Ion: 43 Resp: 102405
Ion Ratio Lower Upper
43 100
55 25.5 20.4 30.6



#48
t-1,3-Dichloropropene
Concen: 17.837 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion: 75 Resp: 83014
Ion Ratio Lower Upper
75 100
77 35.6 25.6 38.4



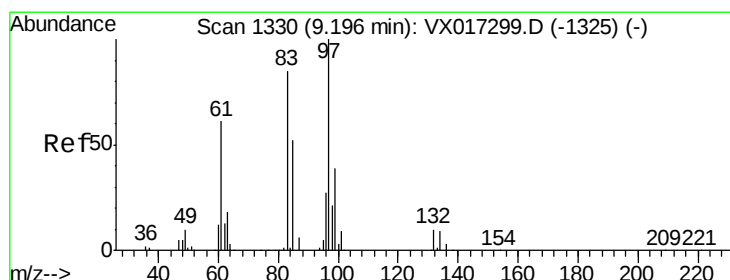
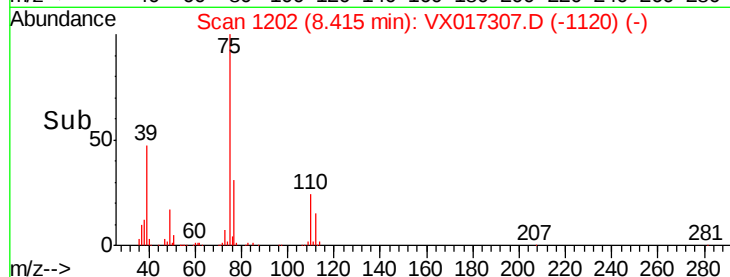
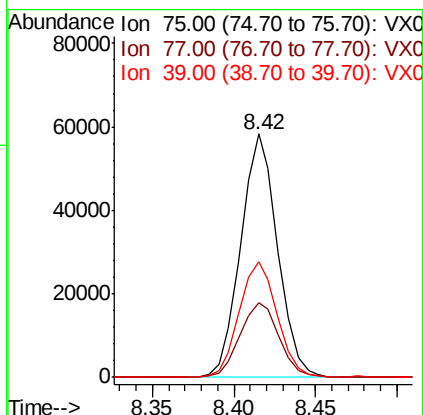
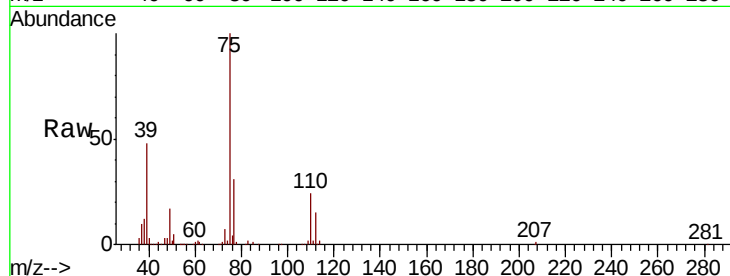


#49

cis-1,3-Dichloropropene
Concen: 18.827 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

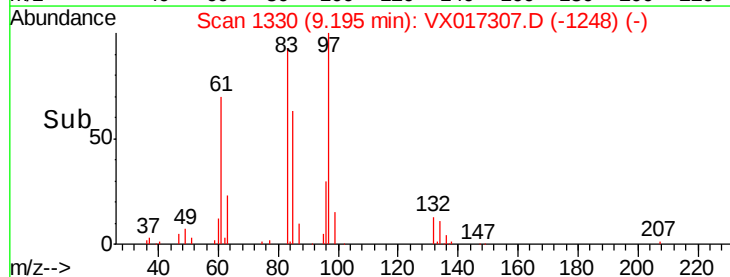
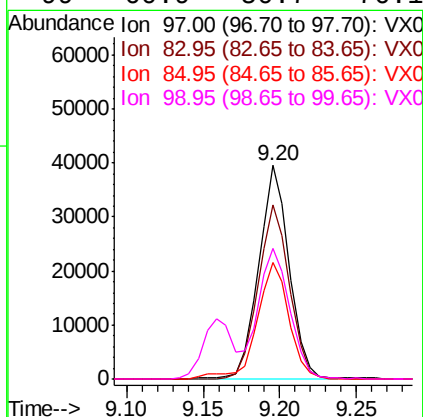
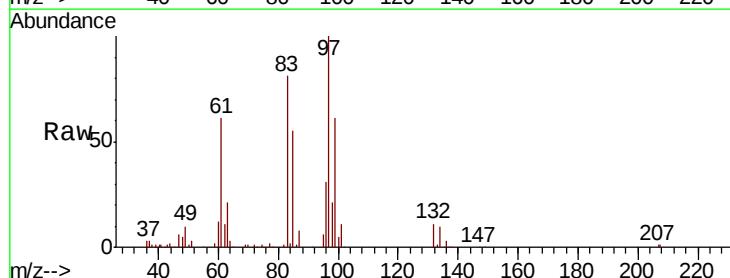
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	23.6	35.4
39	47.5	37.5	56.3

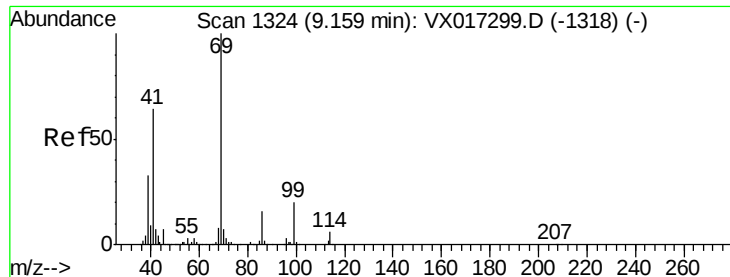


#50

1,1,2-Trichloroethane
Concen: 18.409 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.5	67.9	101.9
85	54.6	42.6	64.0
99	60.9	50.7	76.1





#51

Ethyl methacrylate

Concen: 18.209 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS01

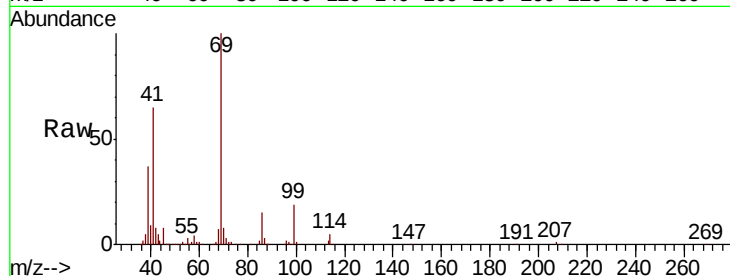
Tot Ion: 69 Resp: 79392

Ion Ratio Lower Upper

69 100

41 64.7 32.1 96.5

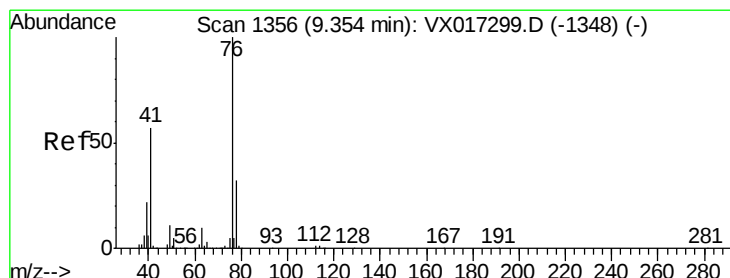
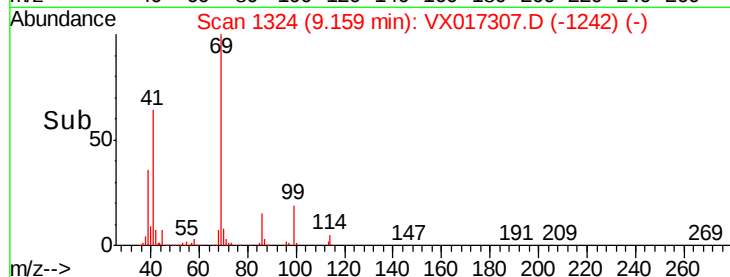
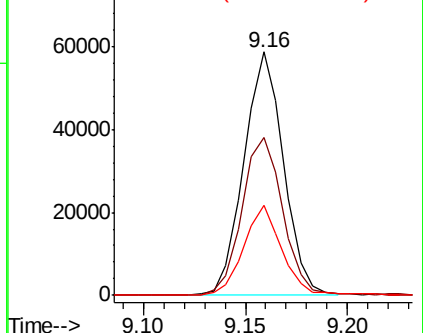
39 36.5 16.3 48.9



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



#52

1,3-Dichloropropane

Concen: 19.260 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017307.D

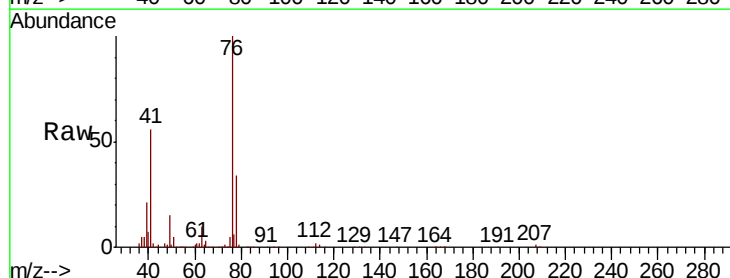
Acq: 09 Jul 2020 15:03

Tgt Ion: 76 Resp: 93887

Ion Ratio Lower Upper

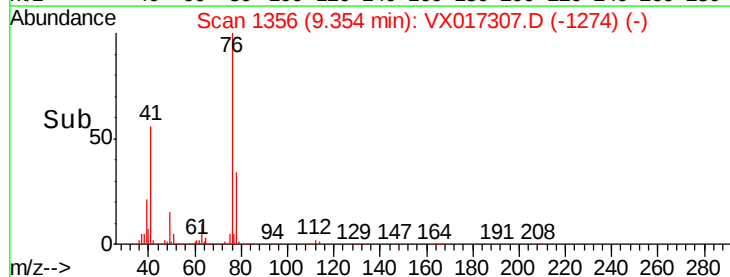
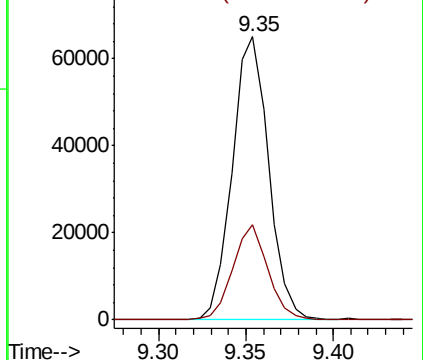
76 100

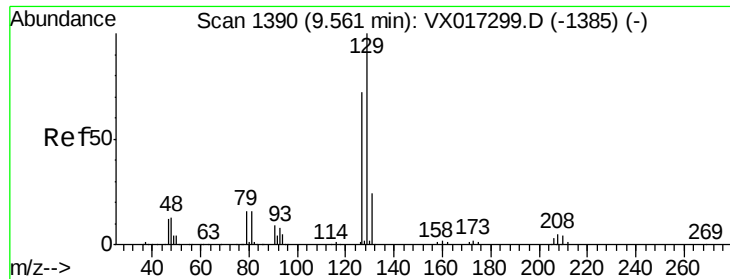
78 32.4 0.0 65.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 17.920 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

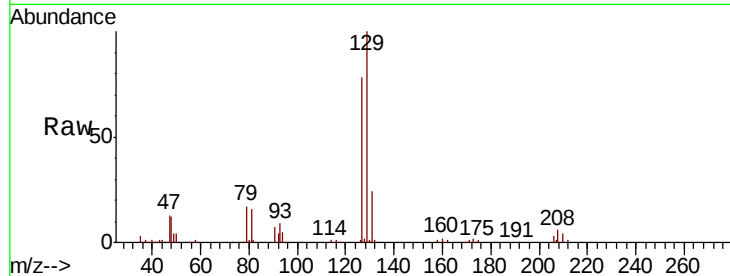
VX0709WBS01

Tot Ion:129 Resp: 65464

Ion Ratio Lower Upper

129 100

127 79.5 37.5 112.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.56

50000

40000

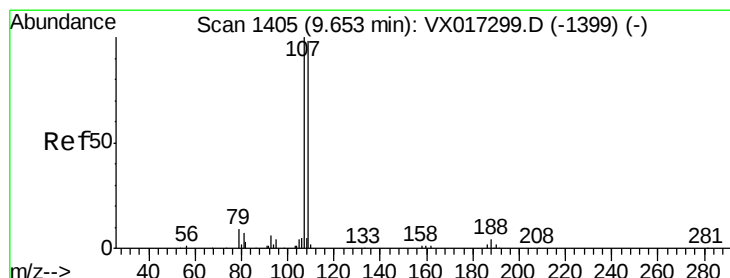
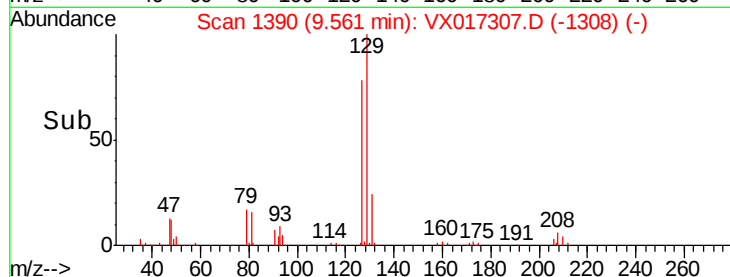
30000

20000

10000

0

Time--> 9.50 9.55 9.60 9.65



#54

1,2-Dibromoethane

Concen: 19.058 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017307.D

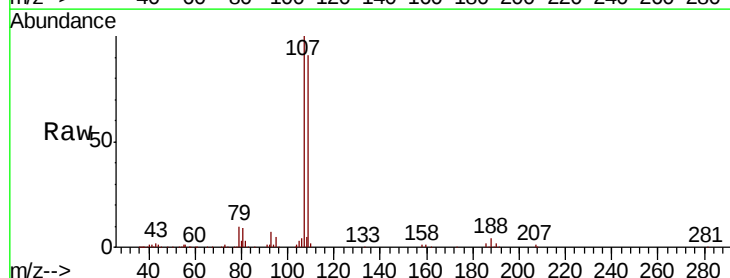
Acq: 09 Jul 2020 15:03

Tgt Ion:107 Resp: 60983

Ion Ratio Lower Upper

107 100

109 91.6 76.9 115.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.65

50000

40000

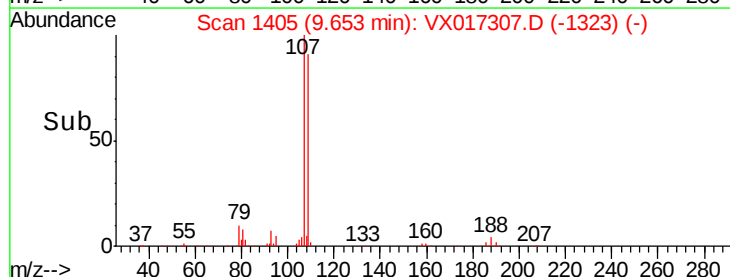
30000

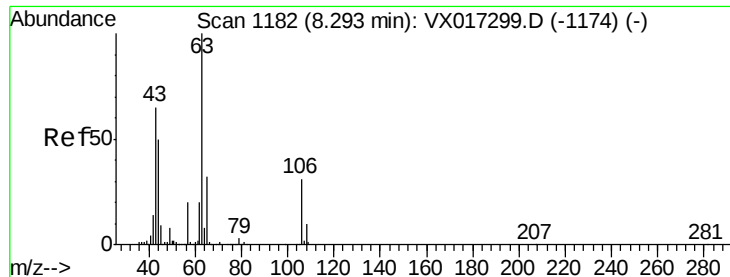
20000

10000

0

Time--> 9.60 9.65 9.70 9.75

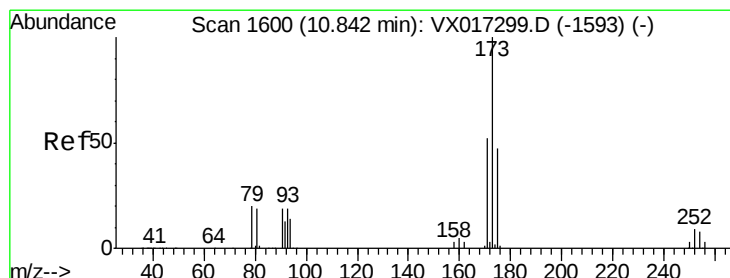
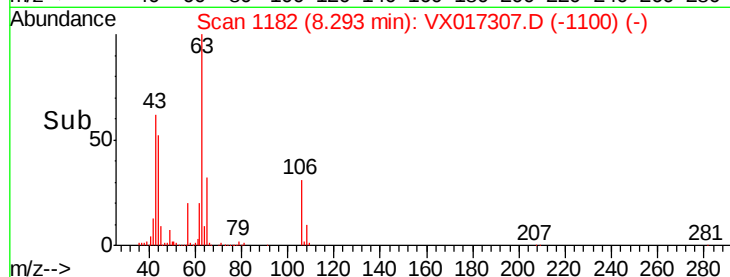
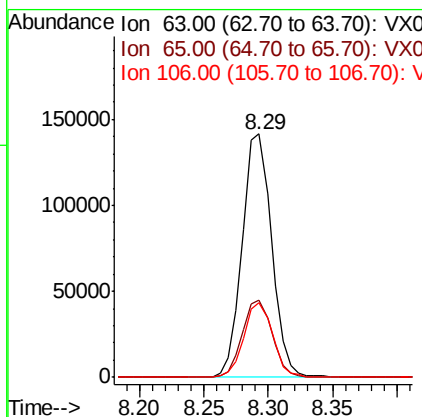
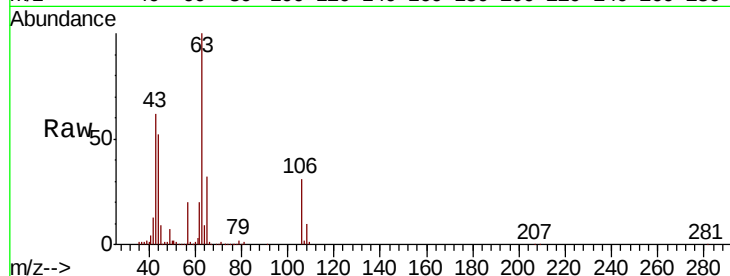




#55
 2-Chloroethyl vinyl ether
 Concen: 106.689 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

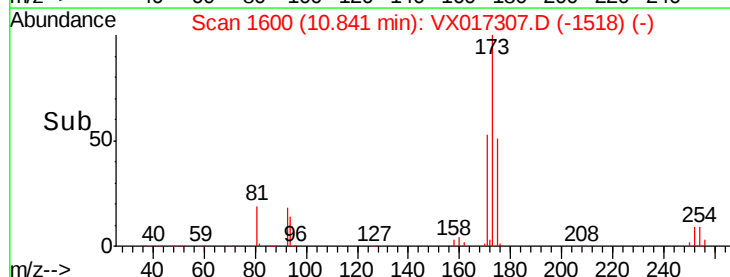
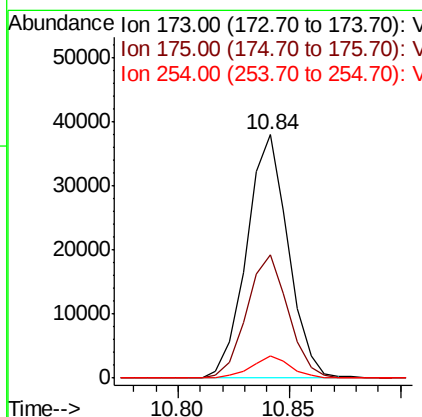
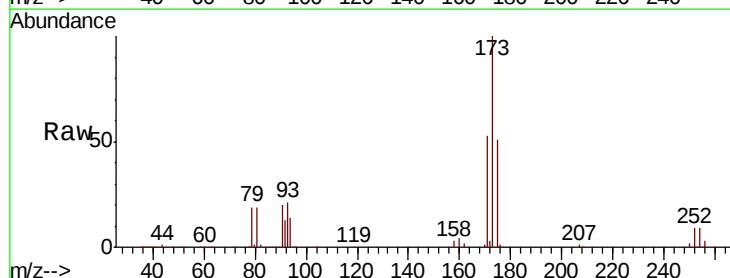
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

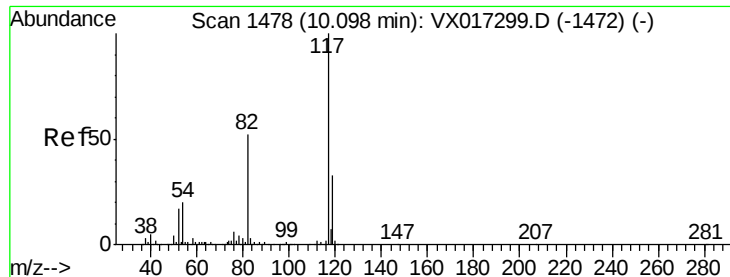
Tot Ion: 63 Resp: 223812
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.4 38.0
 106 30.2 24.5 36.7



#56
 Bromoform
 Concen: 17.310 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Tgt Ion: 173 Resp: 49327
 Ion Ratio Lower Upper
 173 100
 175 50.7 38.4 57.6
 254 8.5 7.0 10.4

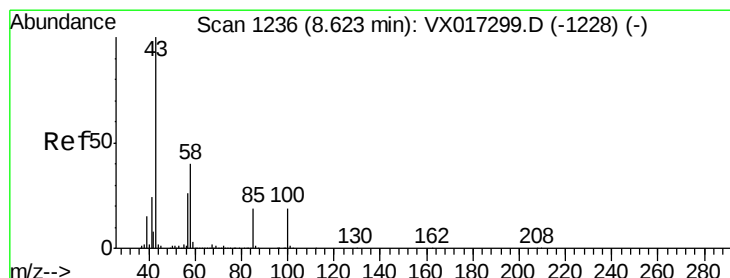
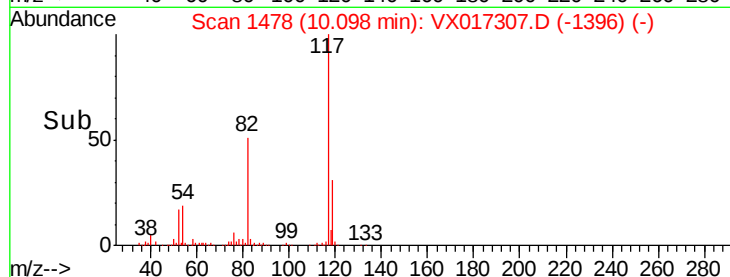
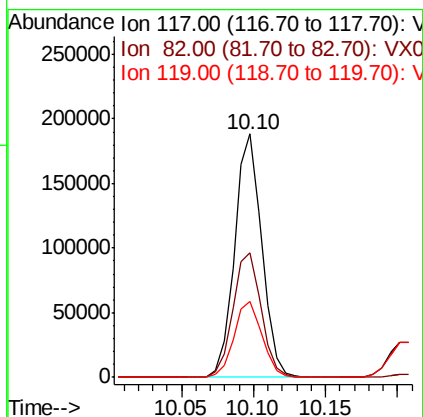
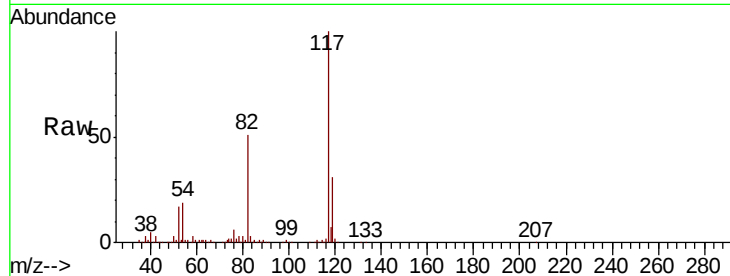




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

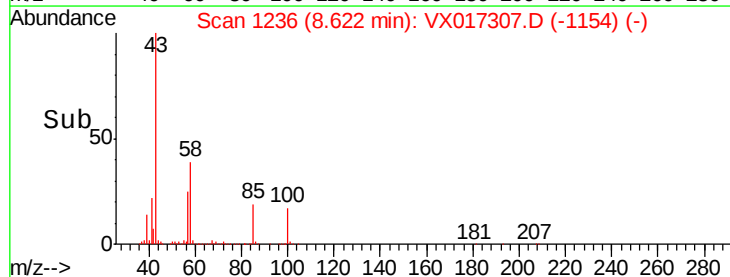
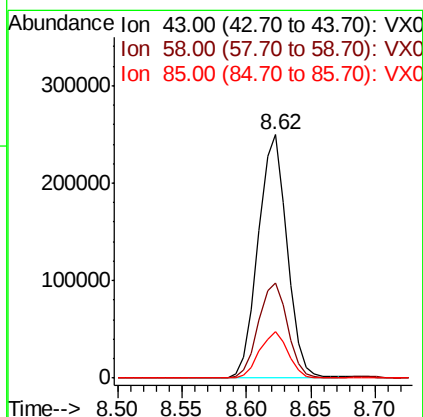
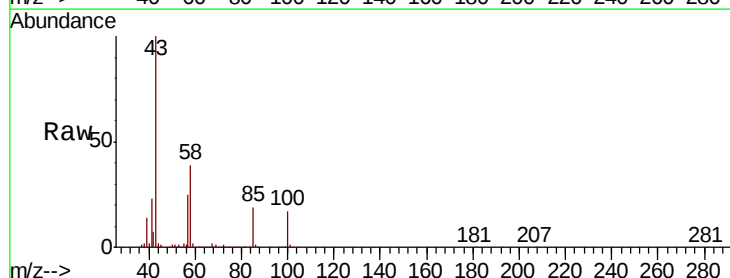
Instrument :
MSVOA_X
ClientSampled :
VX0709WBS01

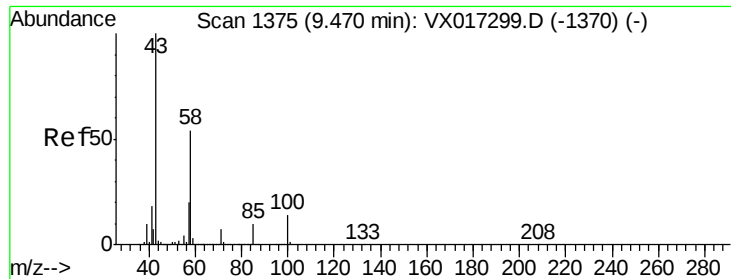
Tot Ion:117 Resp: 247899
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.4
119 32.3 26.4 39.6



#58
4-Methyl-2-Pentanone
Concen: 98.275 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion: 43 Resp: 386022
Ion Ratio Lower Upper
43 100
58 39.9 32.2 48.2
85 18.9 14.8 22.2

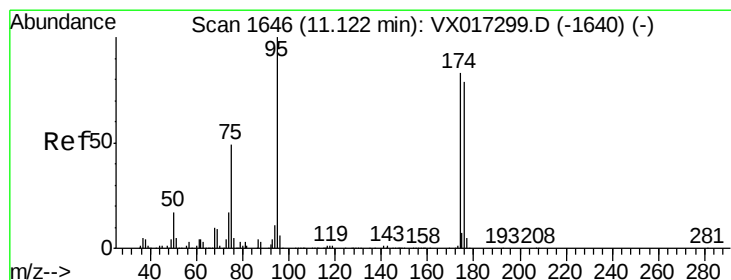
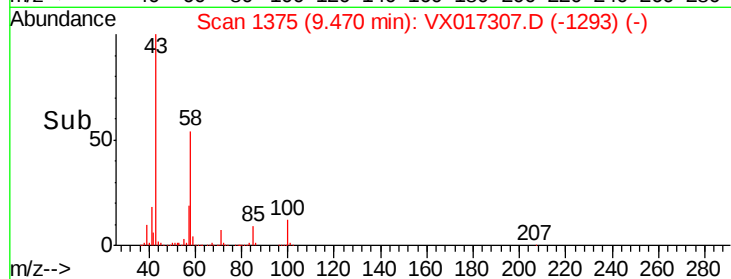
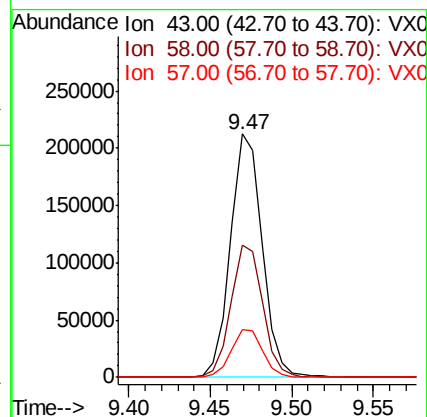
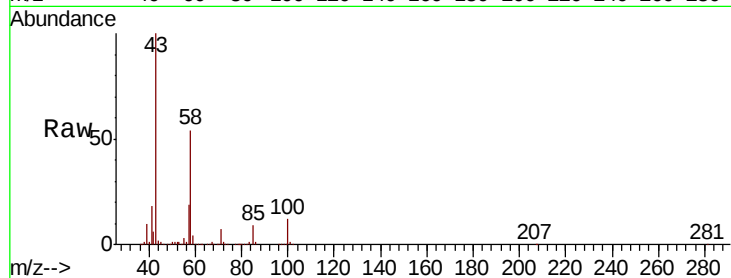




#59
2-Hexanone
Concen: 95.693 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

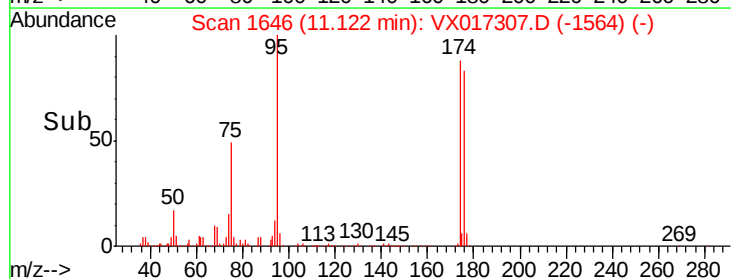
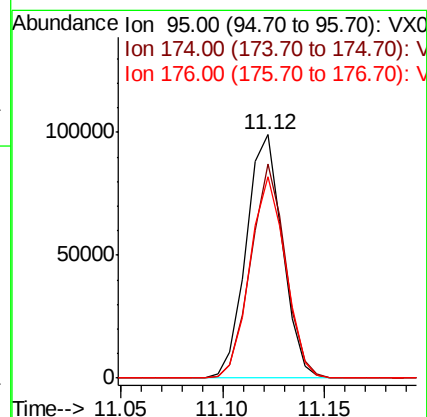
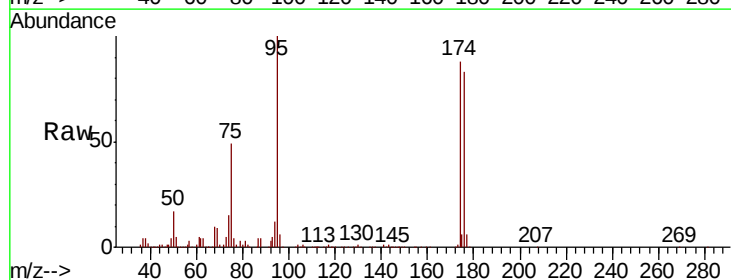
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

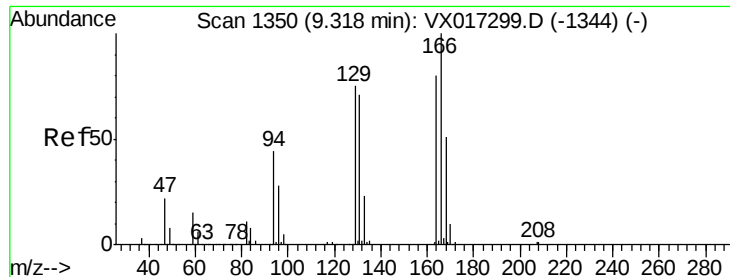
Tot Ion: 43 Resp: 286538
Ion Ratio Lower Upper
43 100
58 54.8 43.4 65.0
57 19.6 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 28.931 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion: 95 Resp: 122355
Ion Ratio Lower Upper
95 100
174 84.3 66.9 100.3
176 82.2 65.5 98.3





#61

Tetrachloroethene

Concen: 20.090 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS01

Tot Ion:164 Resp: 63443

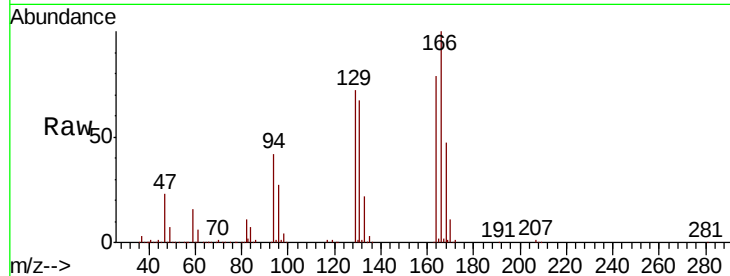
Ion Ratio Lower Upper

164 100

166 125.9 99.8 149.6

129 90.6 74.4 111.6

131 85.0 70.6 105.8

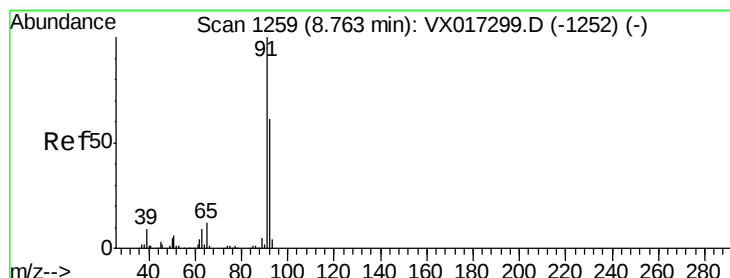
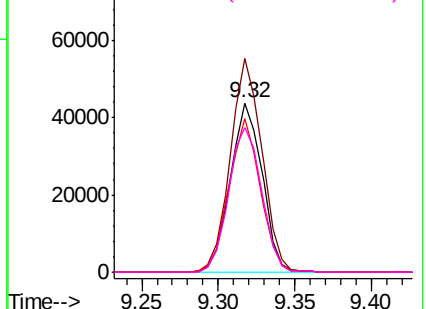
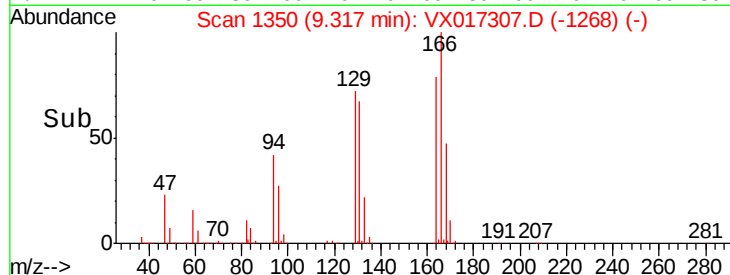


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.383 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017307.D

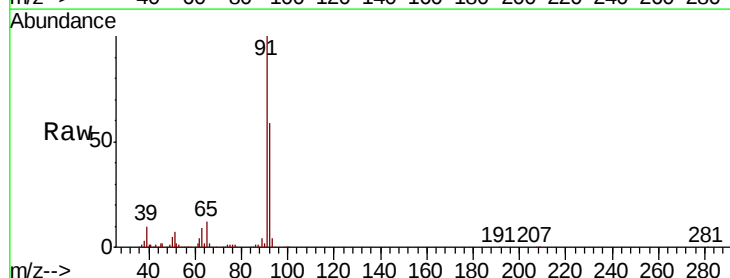
Acq: 09 Jul 2020 15:03

Tgt Ion: 91 Resp: 227475

Ion Ratio Lower Upper

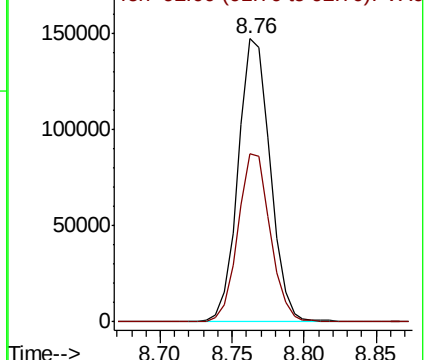
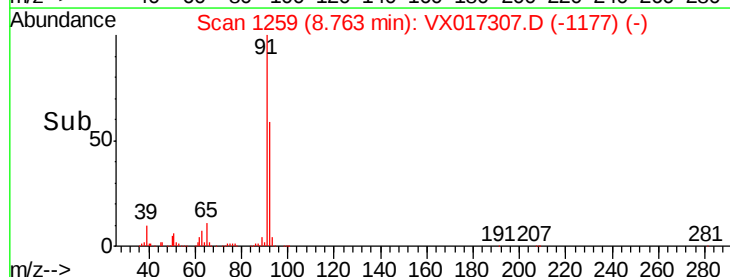
91 100

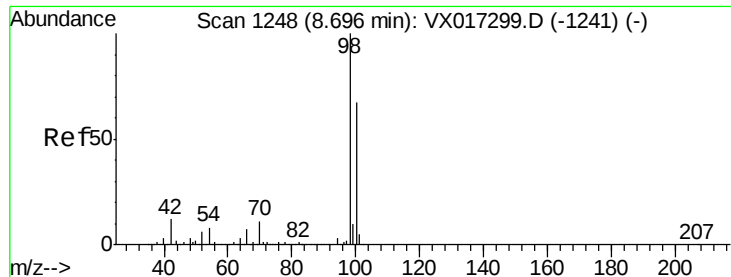
92 59.3 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.958 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

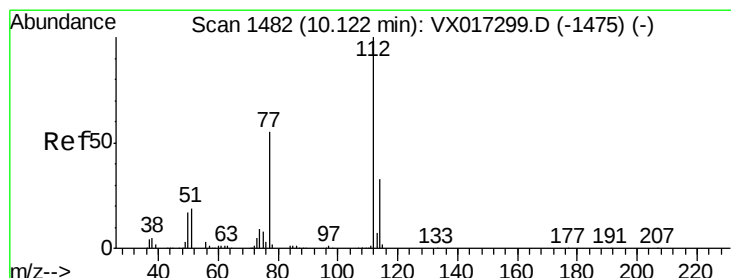
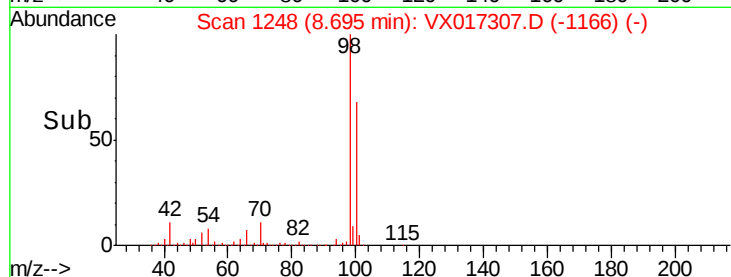
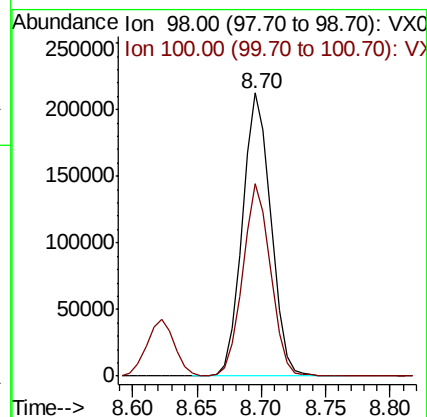
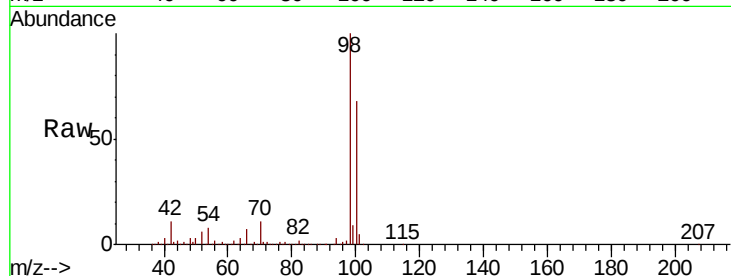
VX0709WBS01

Tot Ion: 98 Resp: 324624

Ion Ratio Lower Upper

98 100

100 66.6 52.8 79.2



#64

Chlorobenzene

Concen: 18.668 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017307.D

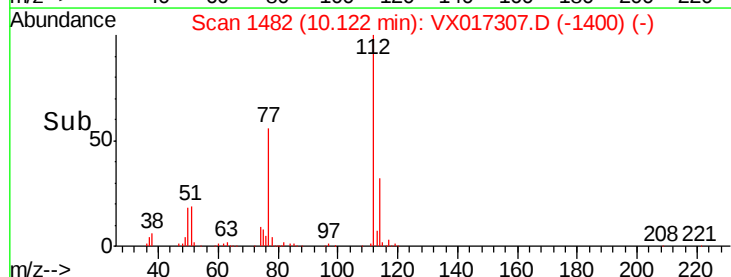
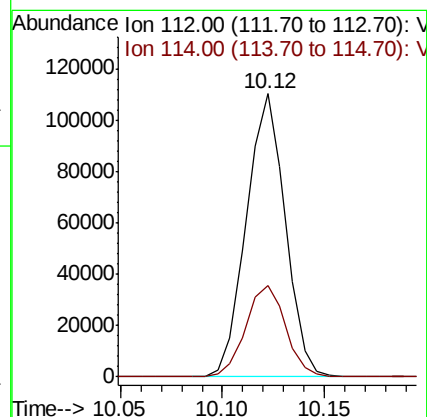
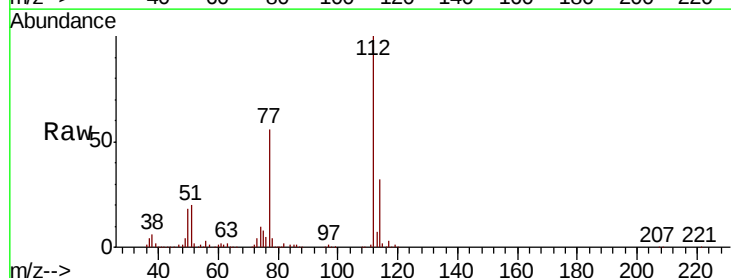
Acq: 09 Jul 2020 15:03

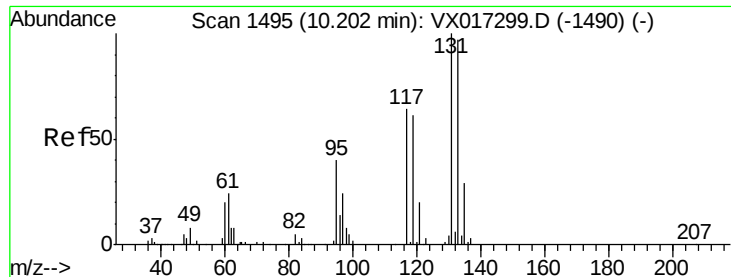
Tgt Ion: 112 Resp: 146172

Ion Ratio Lower Upper

112 100

114 32.4 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 18.649 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS01

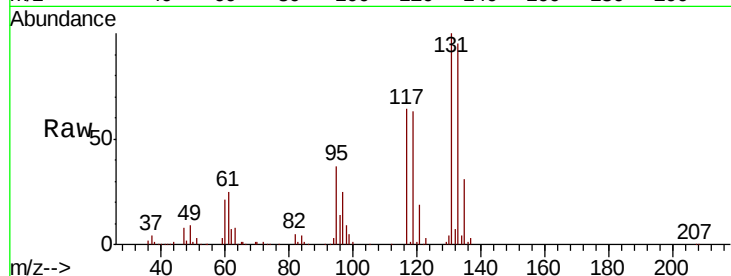
Tot Ion:131 Resp: 59660

Ion Ratio Lower Upper

131 100

133 98.0 0.0 196.8

119 64.0 0.0 126.0

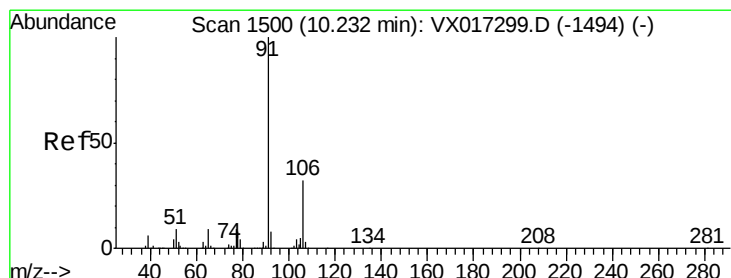
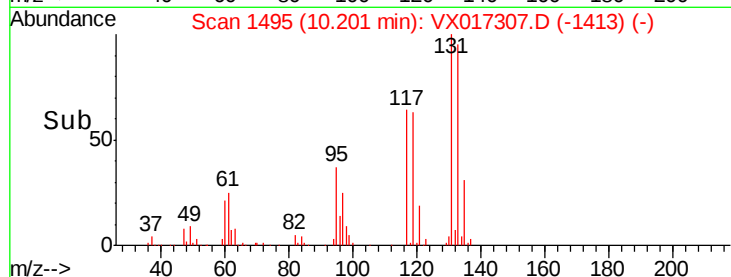
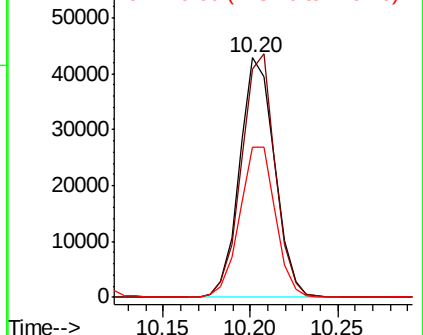


Abundance

Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.885 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017307.D

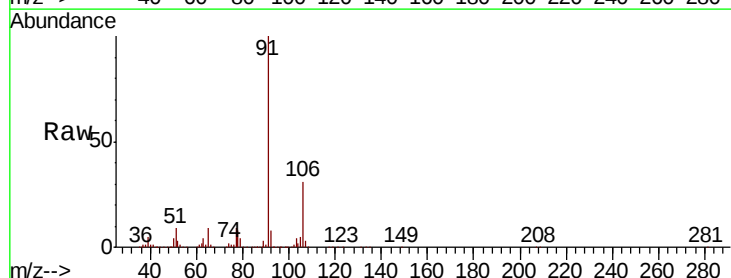
Acq: 09 Jul 2020 15:03

Tgt Ion: 91 Resp: 249406

Ion Ratio Lower Upper

91 100

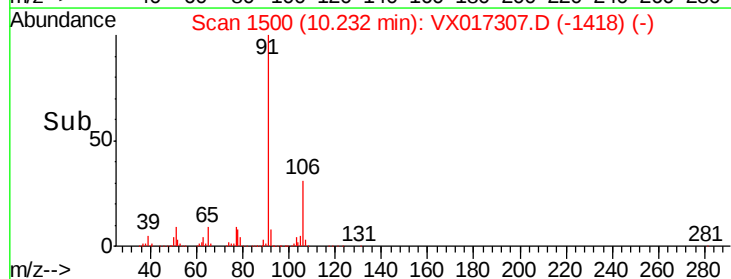
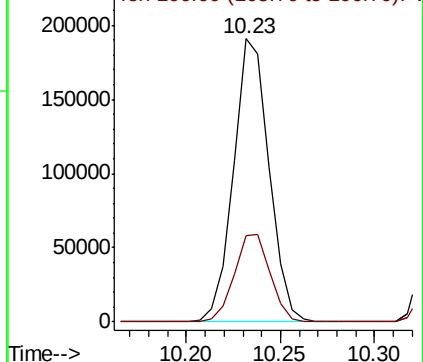
106 30.7 25.2 37.8

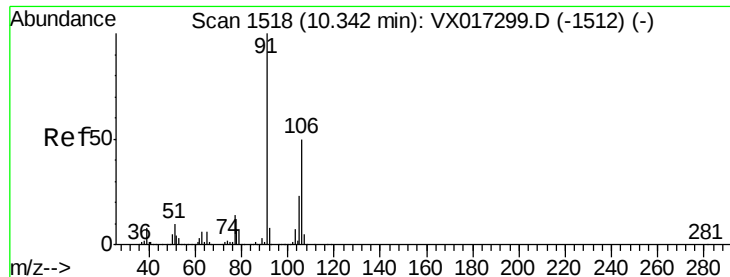


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 37.876 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampled :

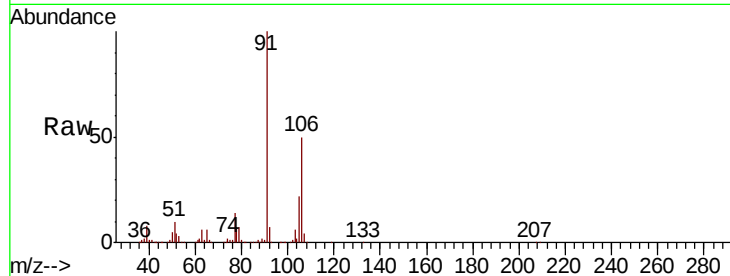
VX0709WBS01

Tot Ion:106 Resp: 193243

Ion Ratio Lower Upper

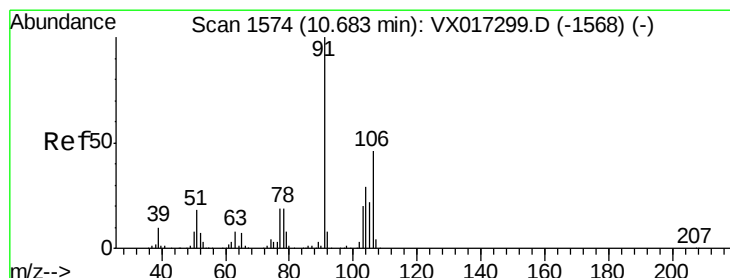
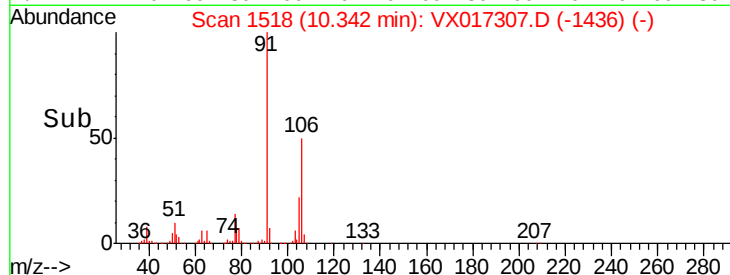
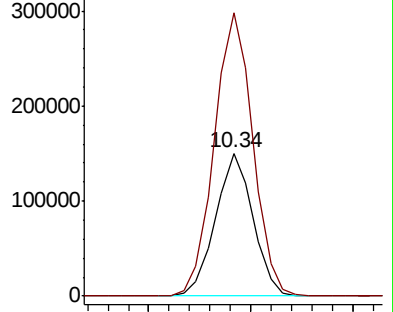
106 100

91 202.3 159.7 239.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.641 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017307.D

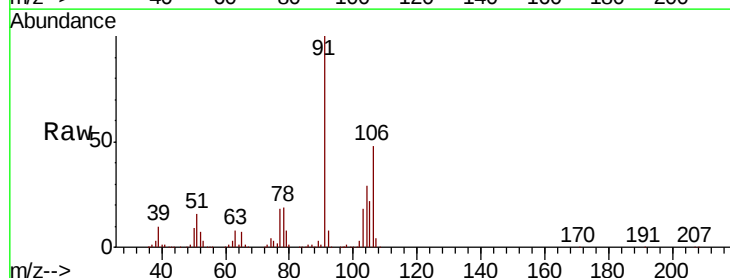
Acq: 09 Jul 2020 15:03

Tgt Ion:106 Resp: 90376

Ion Ratio Lower Upper

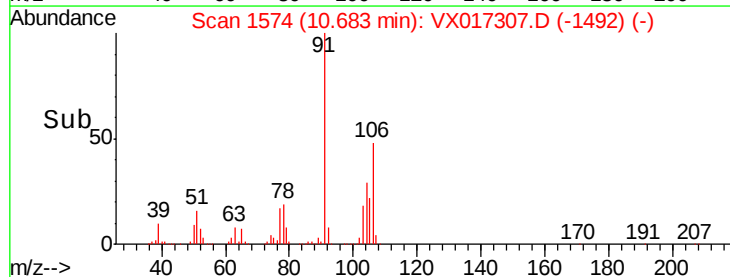
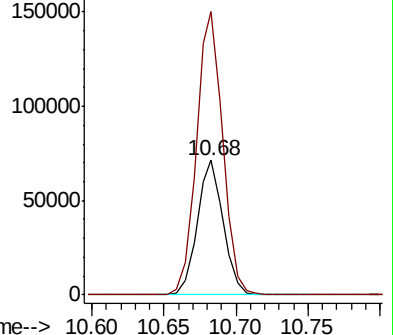
106 100

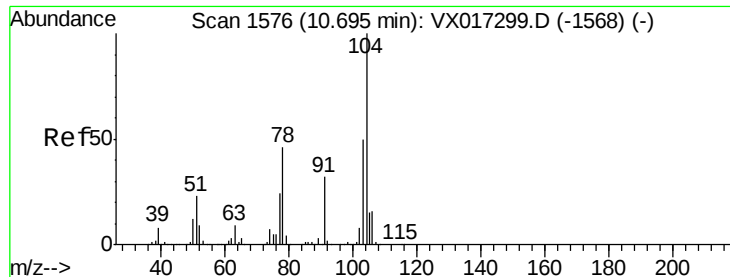
91 211.9 109.6 328.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

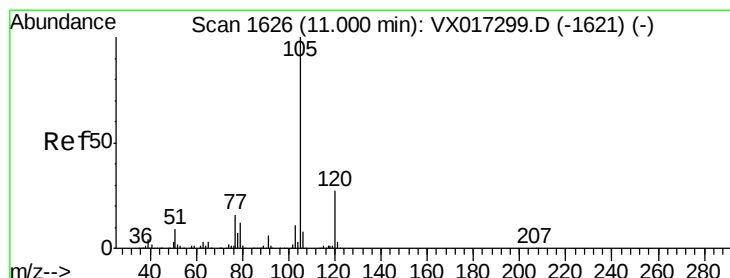
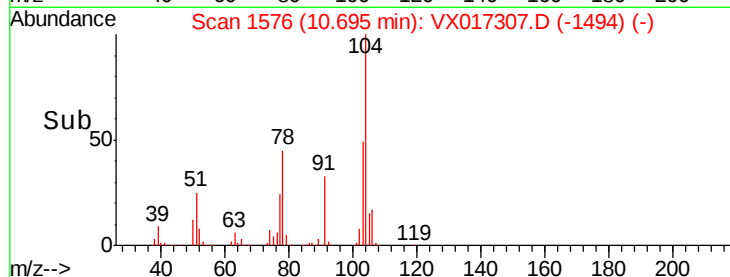
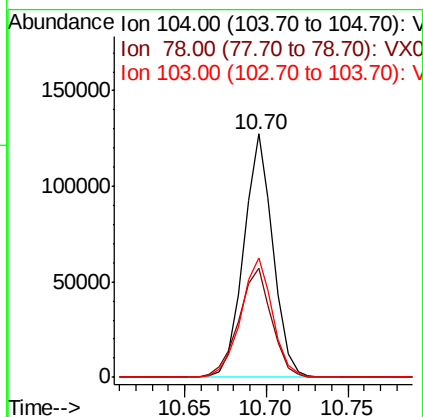
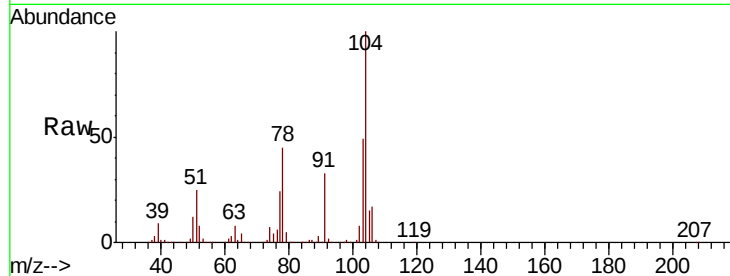




#69
Stvrene
Concen: 18.434 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

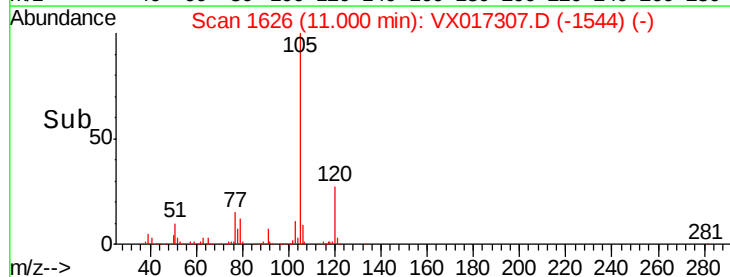
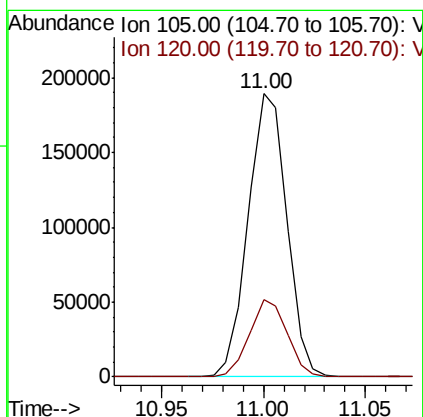
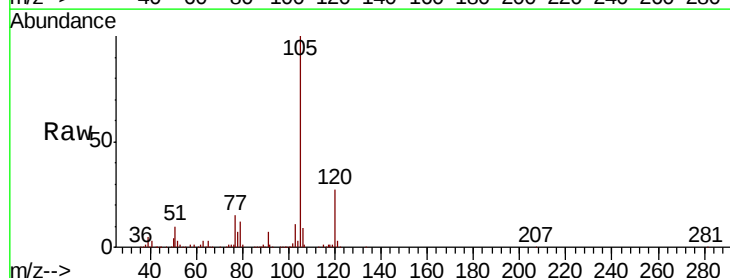
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

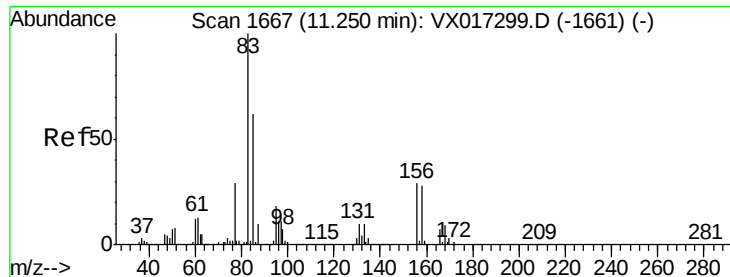
Tot Ion	Ratio	Lower	Upper
104	100		
78	50.6	40.8	61.2
103	53.7	44.3	66.5



#70
Isopropylbenzene
Concen: 18.816 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	19.3	35.8

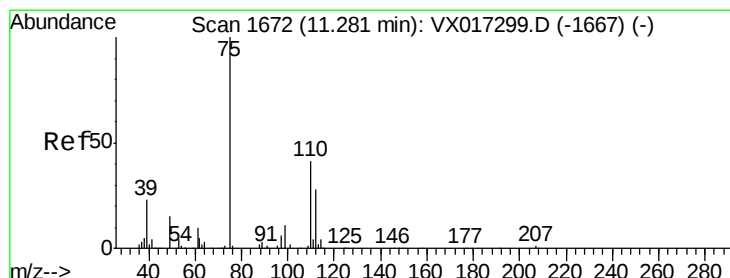
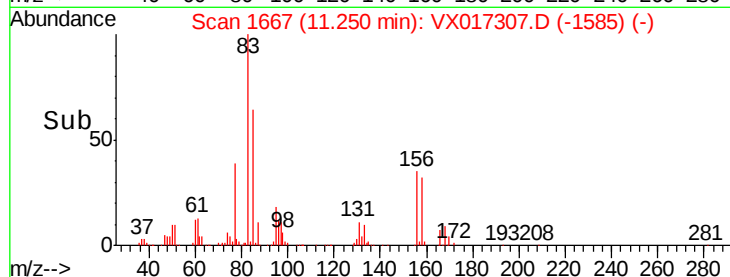
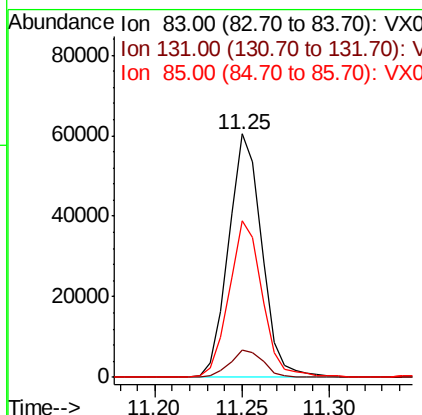
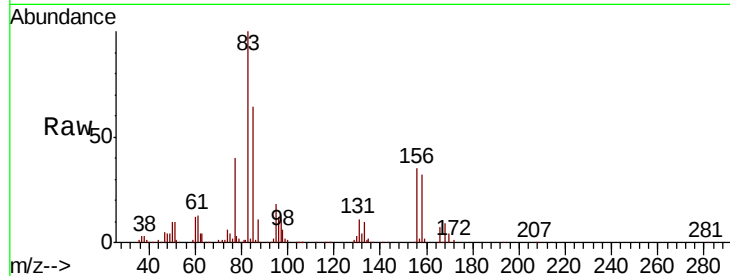




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.213 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

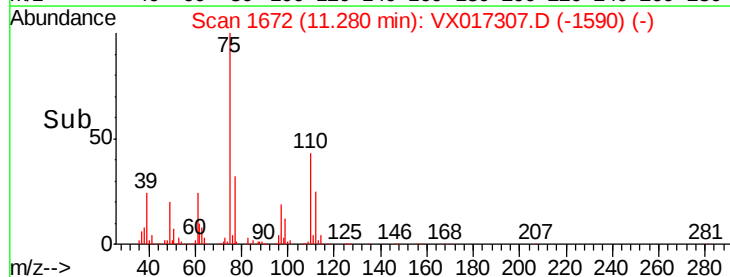
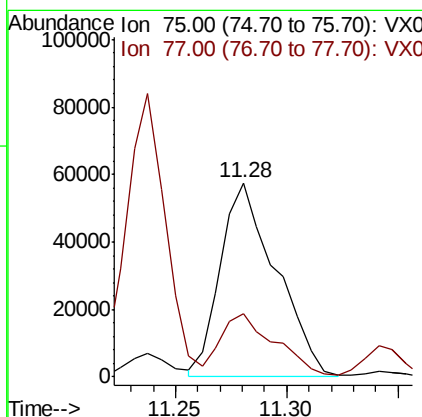
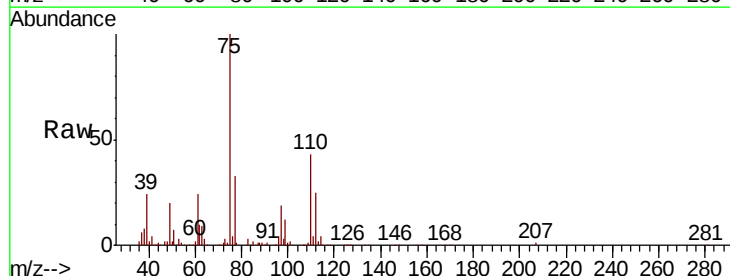
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

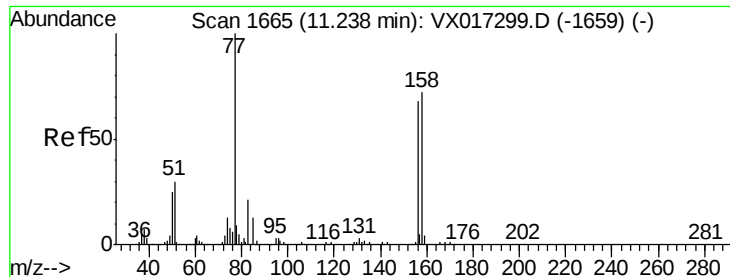
Tot Ion	83	Resp	80136
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.5	16.5
85	64.4	31.5	94.5



#72
 1,2,3-Trichloropropane
 Concen: 24.458 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Tgt Ion	75	Resp	100207
Ion Ratio	Lower	Upper	
75	100		
77	30.0	0.0	72.2





#73

Bromobenzene

Concen: 18.833 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampled :

VX0709WBS01

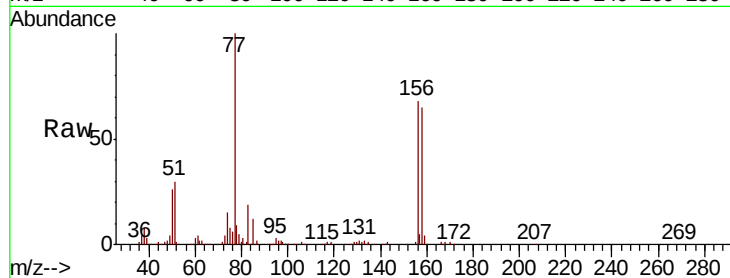
Tot Ion:156 Resp: 70372

Ion Ratio Lower Upper

156 100

77 147.1 0.0 299.2

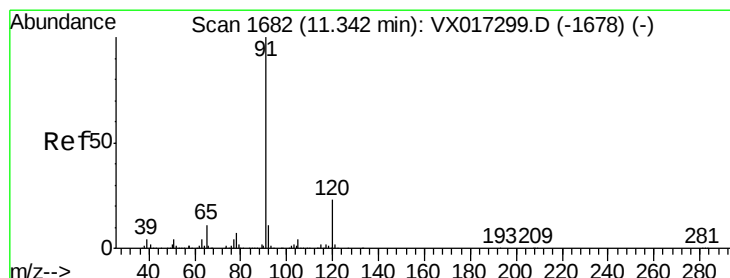
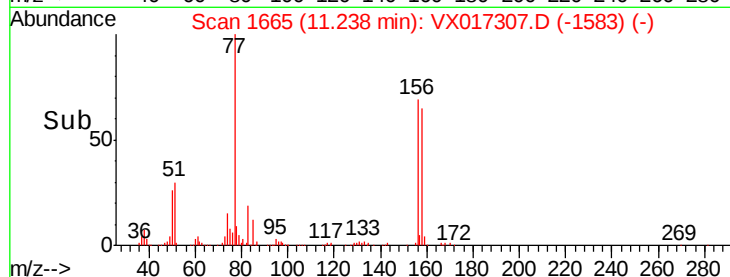
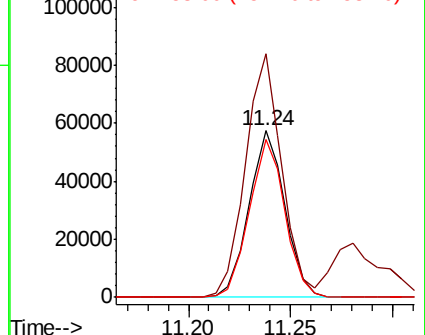
158 93.8 0.0 199.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.519 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017307.D

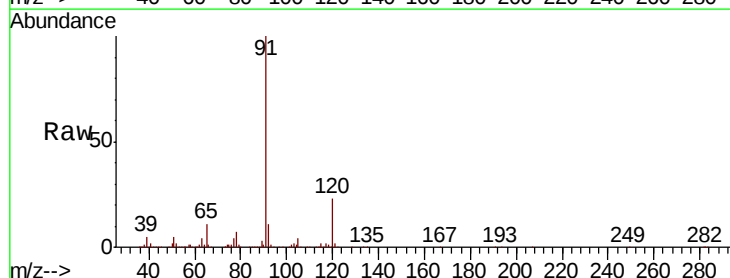
Acq: 09 Jul 2020 15:03

Tgt Ion: 91 Resp: 285323

Ion Ratio Lower Upper

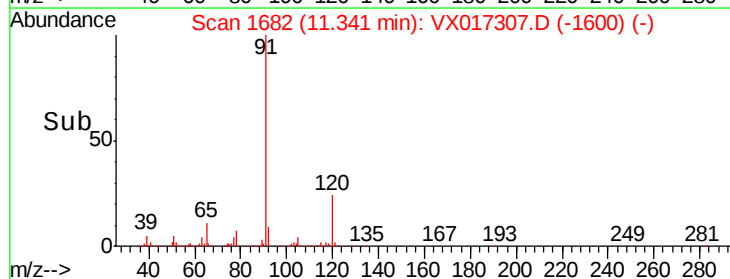
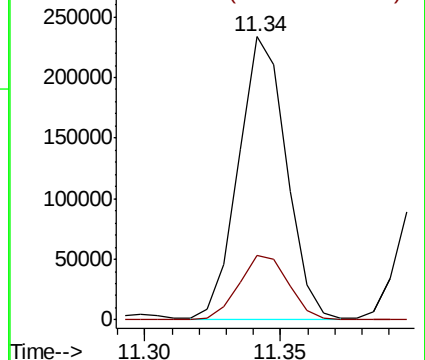
91 100

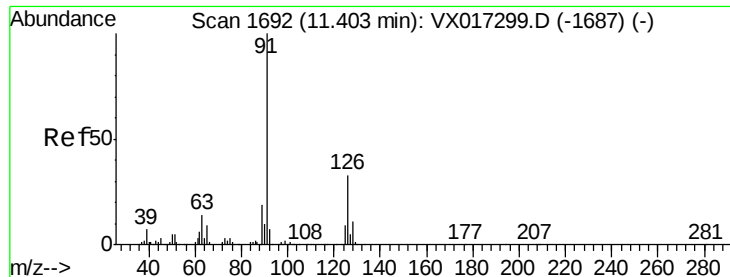
120 23.7 0.0 48.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.511 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampled :

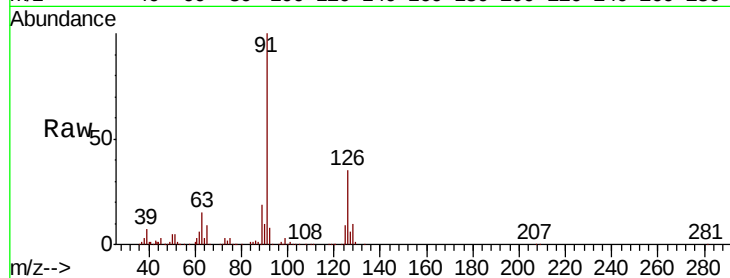
VX0709WBS01

Tot Ion: 91 Resp: 173862

Ion Ratio Lower Upper

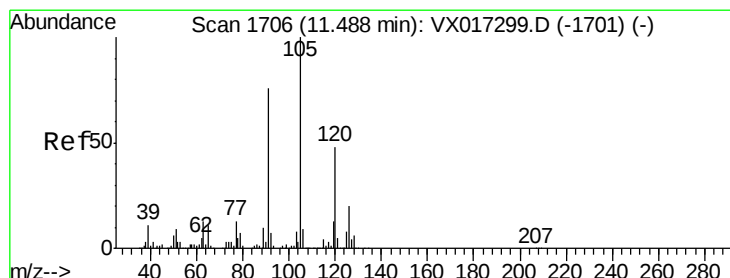
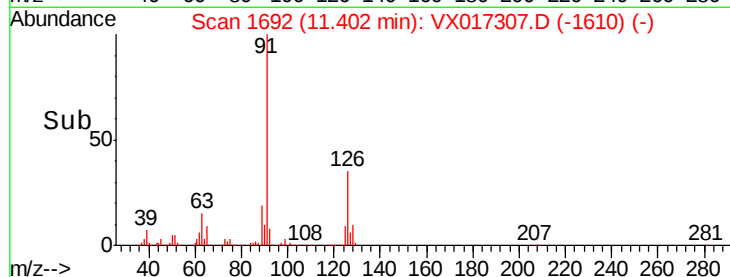
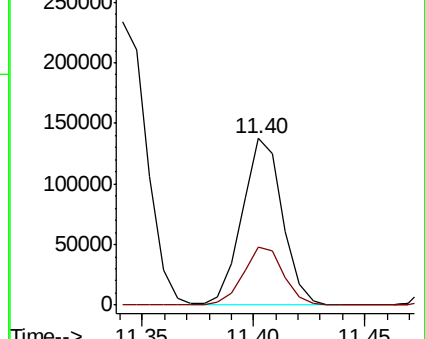
91 100

126 34.9 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 18.523 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX017307.D

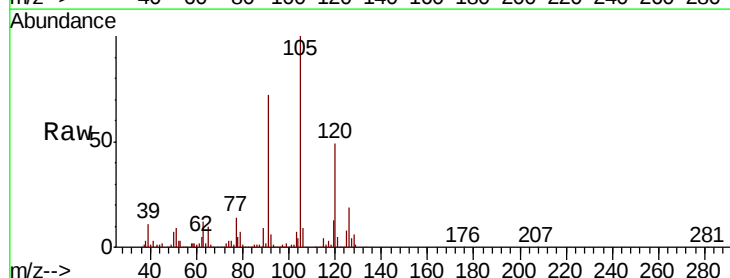
Acq: 09 Jul 2020 15:03

Tgt Ion:105 Resp: 211345

Ion Ratio Lower Upper

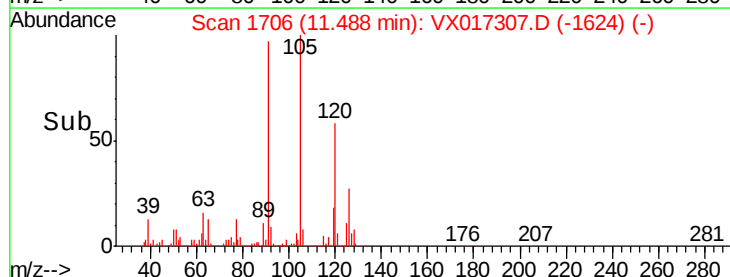
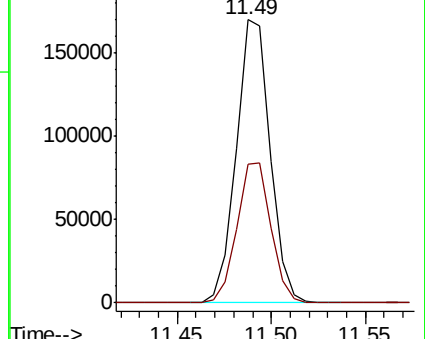
105 100

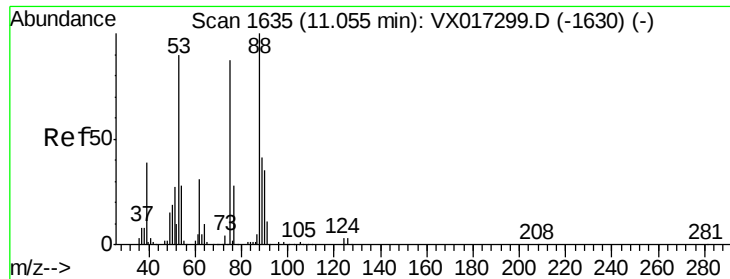
120 49.8 0.0 98.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 18.066 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS01

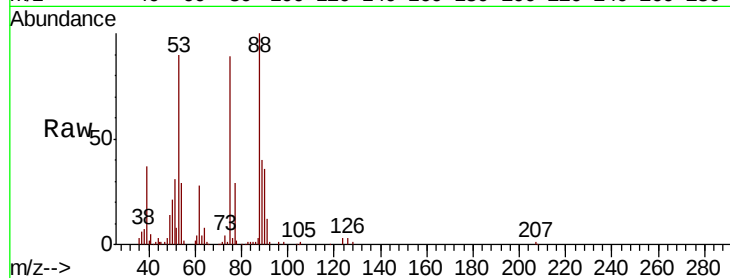
Tot Ion: 75 Resp: 28224

Ion Ratio Lower Upper

75 100

53 100.0 52.1 156.3

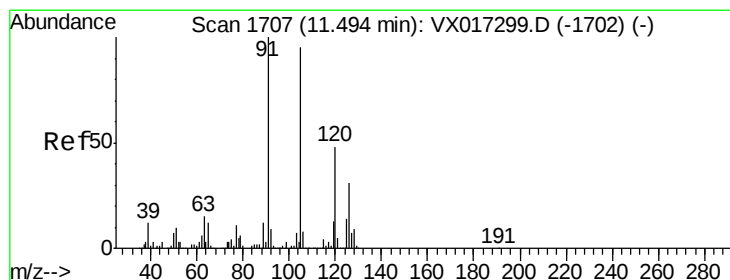
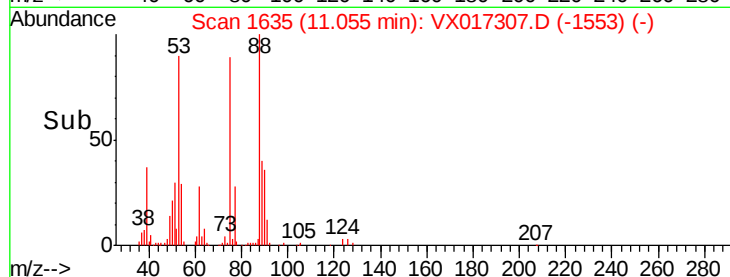
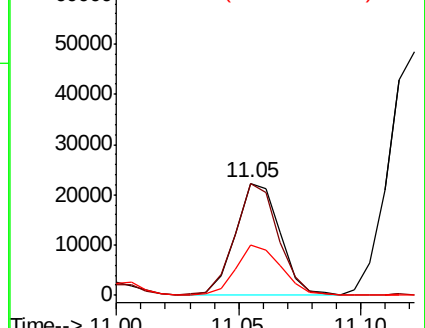
89 45.4 23.7 71.1



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 18.431 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017307.D

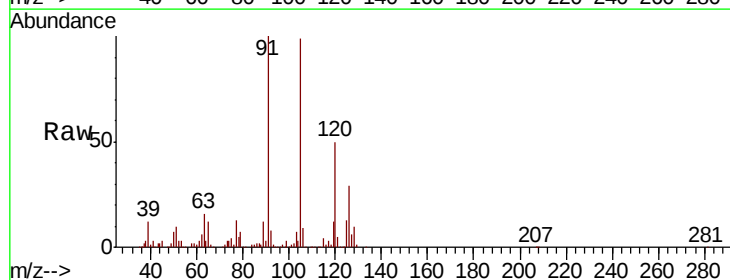
Acq: 09 Jul 2020 15:03

Tgt Ion: 91 Resp: 205220

Ion Ratio Lower Upper

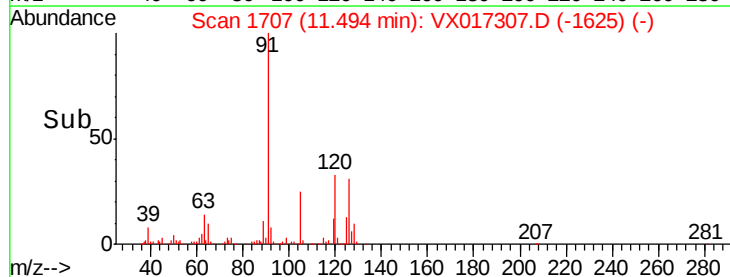
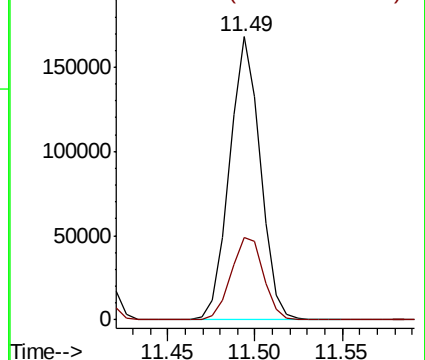
91 100

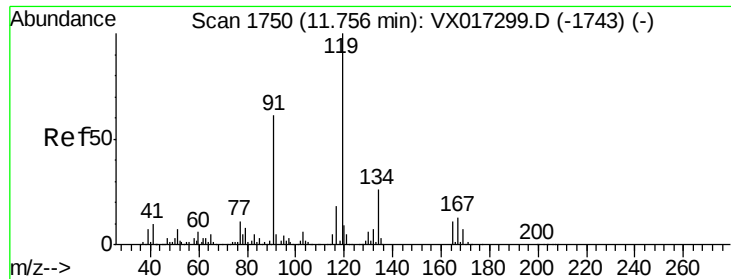
126 30.7 0.0 61.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

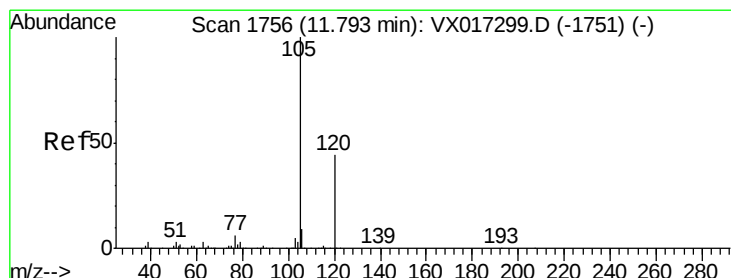
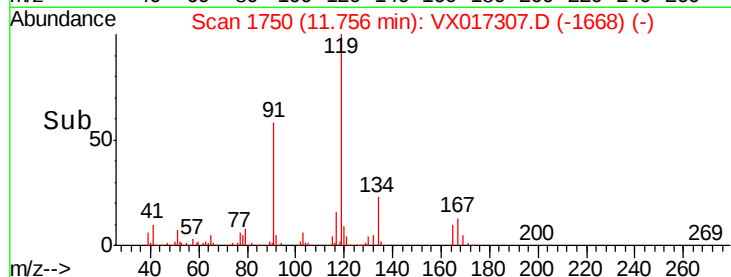
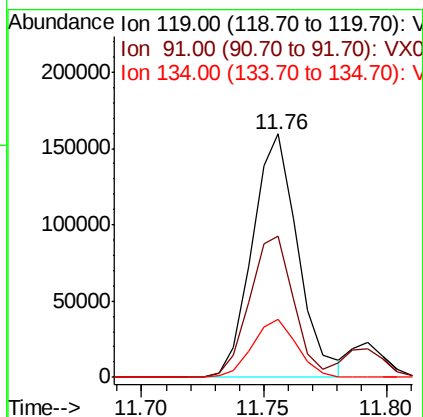
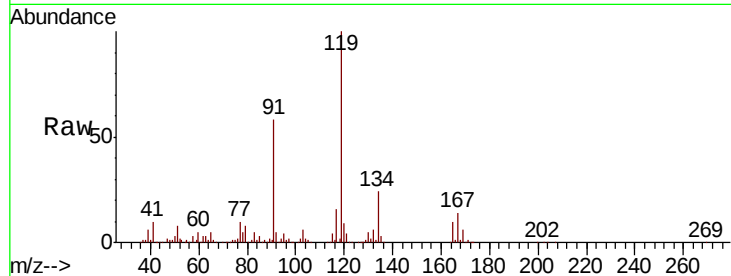




#79
tert-butylbenzene
Concen: 18.713 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

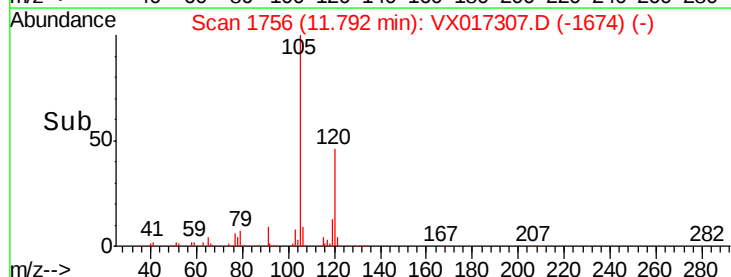
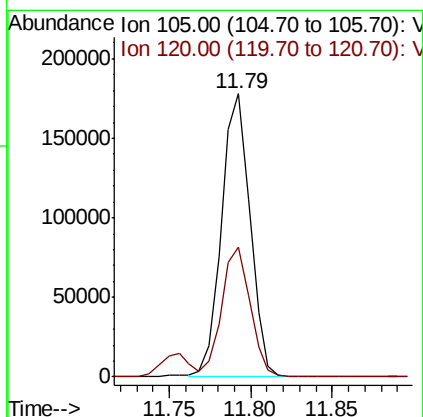
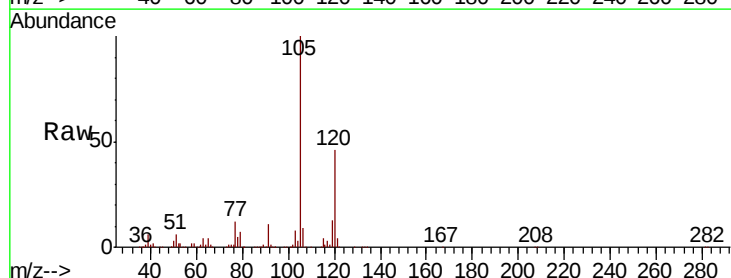
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

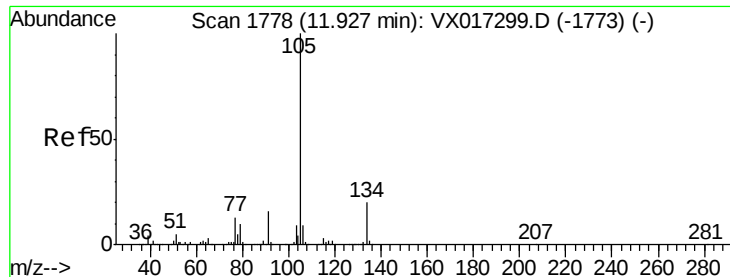
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.1	0.0	113.6
134	23.2	0.0	48.0



#80
1,2,4-Trimethylbenzene
Concen: 18.887 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	0.0	93.6

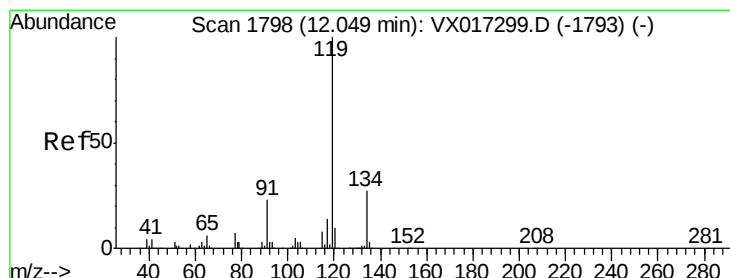
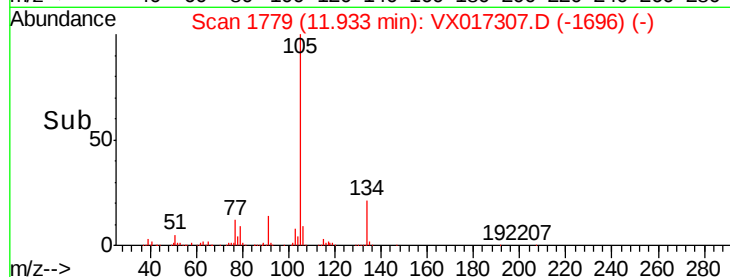
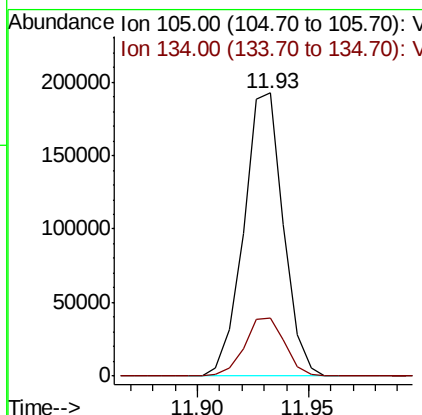
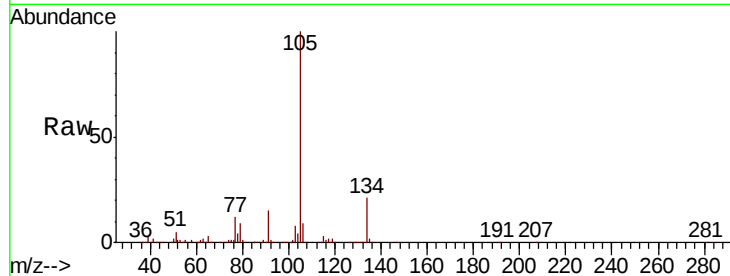




#81
 sec-Butylbenzene
 Concen: 18.689 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

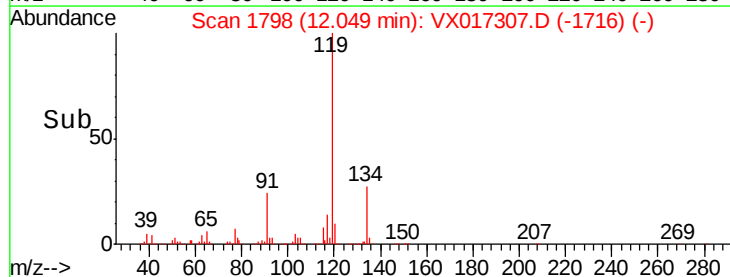
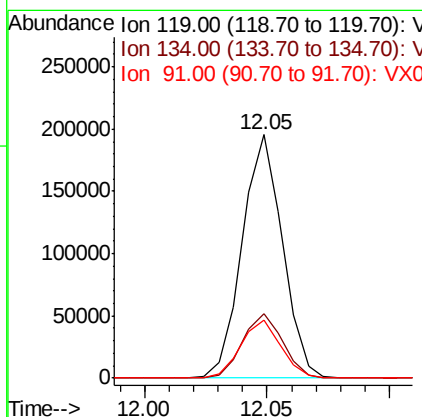
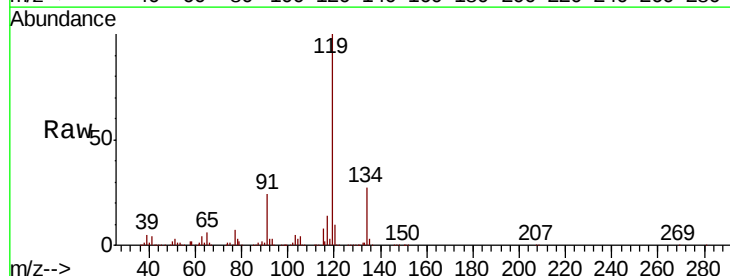
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

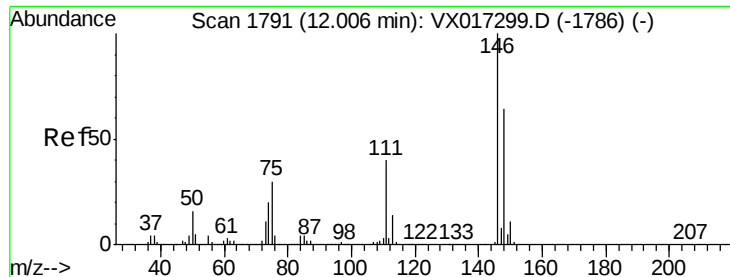
Tot Ion:105 Resp: 238518
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 18.486 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Tgt Ion:119 Resp: 223085
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 53.6
 91 24.0 0.0 48.0

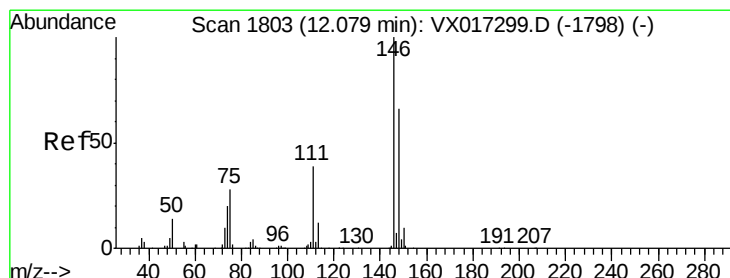
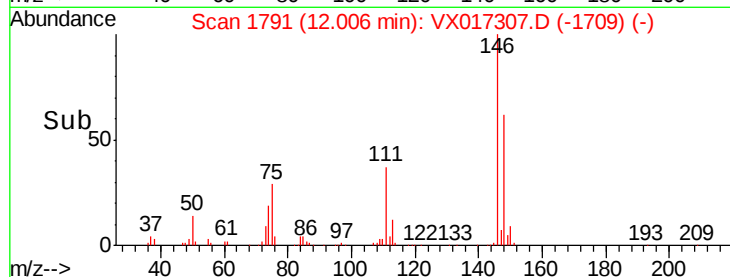
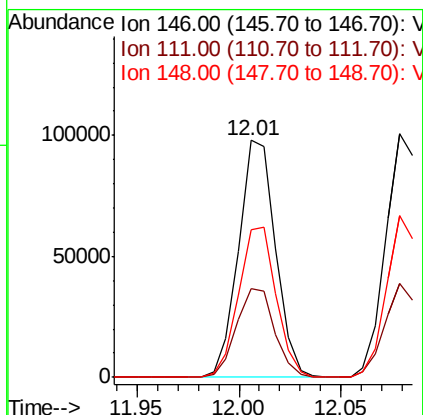
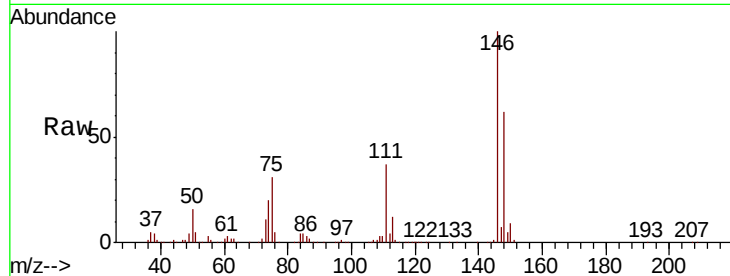




#83
 1,3-Dichlorobenzene
 Concen: 18.401 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

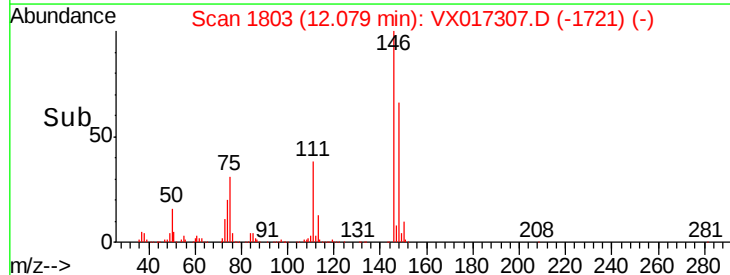
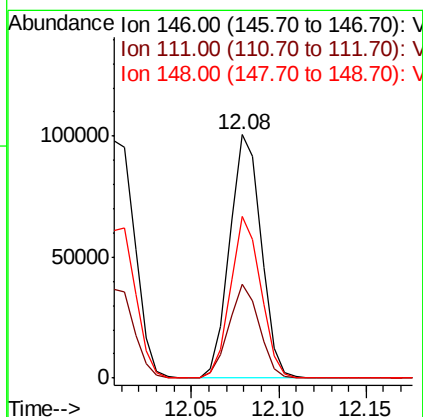
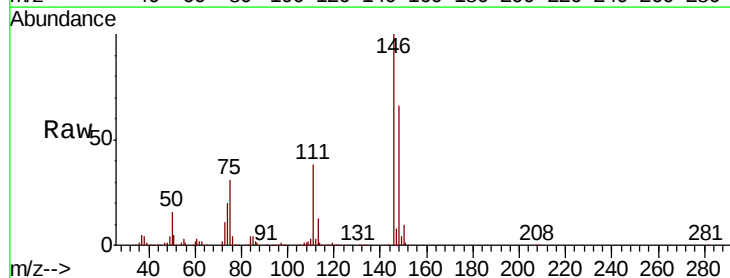
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

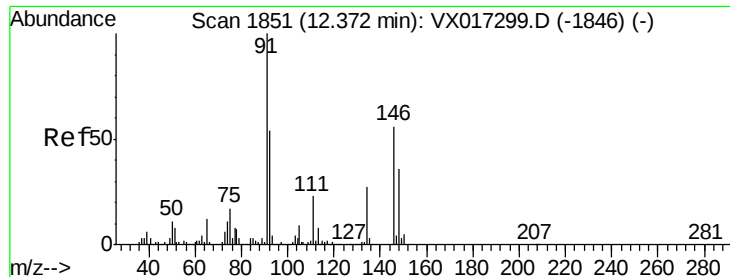
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.5	58.5
148	64.4	31.8	95.3



#84
 1,4-Dichlorobenzene
 Concen: 18.609 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.1	57.3
148	64.0	32.6	97.8

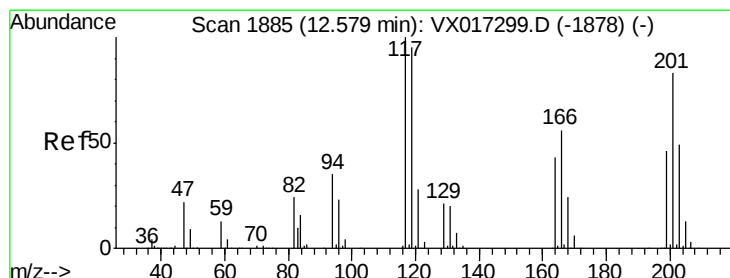
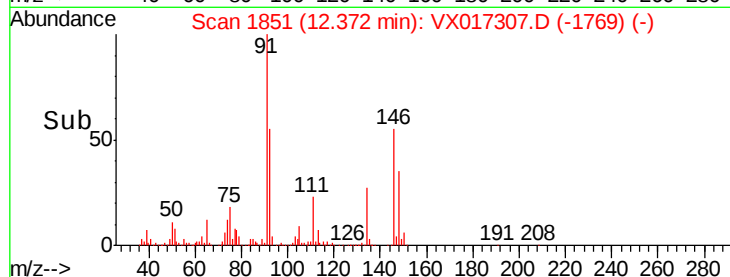
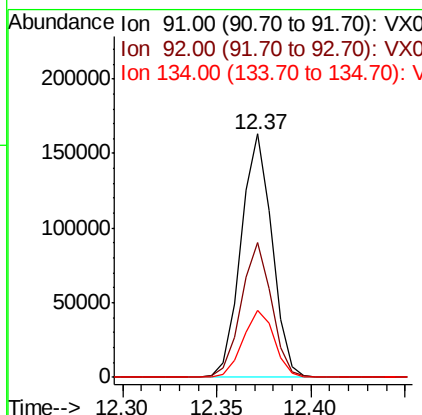
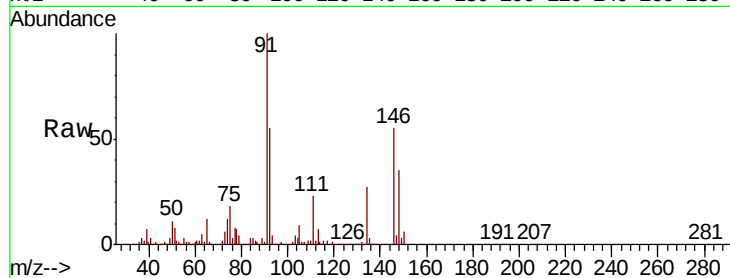




#85
n-Butylbenzene
Concen: 18.228 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

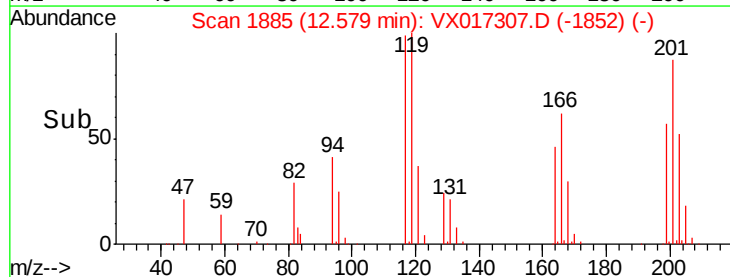
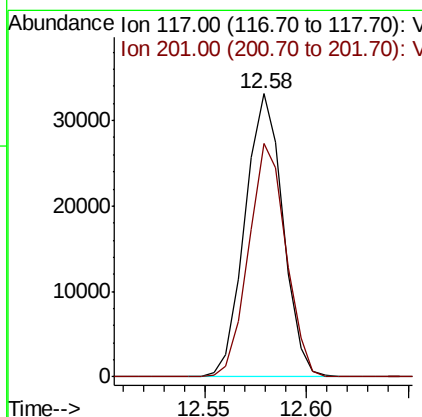
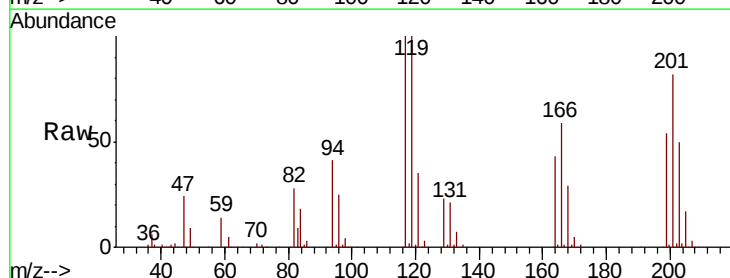
Instrument :
MSVOA_X
ClientSampled :
VX0709WBS01

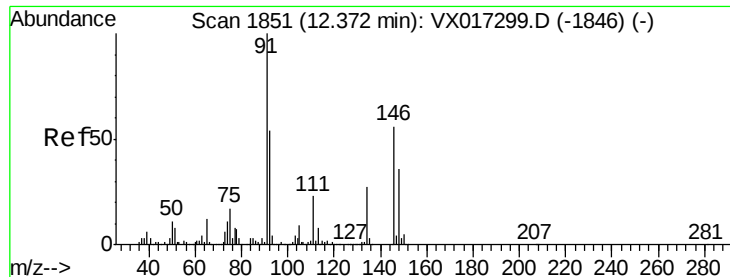
Tot Ion: 91 Resp: 185863
Ion Ratio Lower Upper
91 100
92 54.2 0.0 108.2
134 27.7 0.0 54.2



#86
Hexachloroethane
Concen: 18.380 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion: 117 Resp: 42910
Ion Ratio Lower Upper
117 100
201 81.2 41.0 123.0





#87

1,2-Dichlorobenzene

Concen: 18.699 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS01

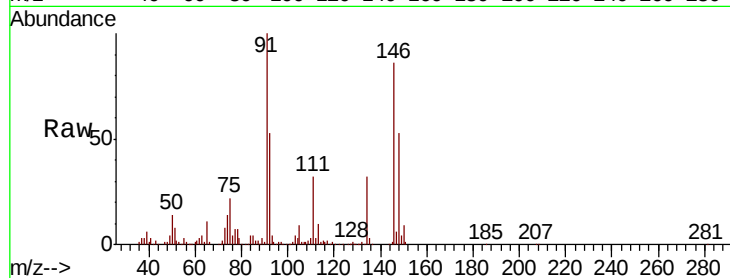
Tot Ion:146 Resp: 120245

Ion Ratio Lower Upper

146 100

111 40.6 20.6 61.9

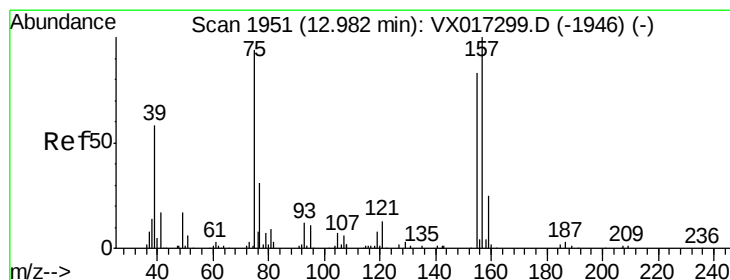
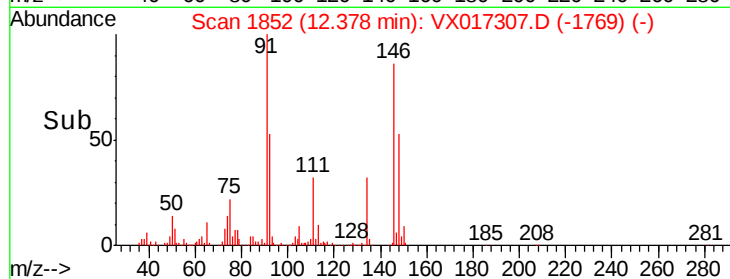
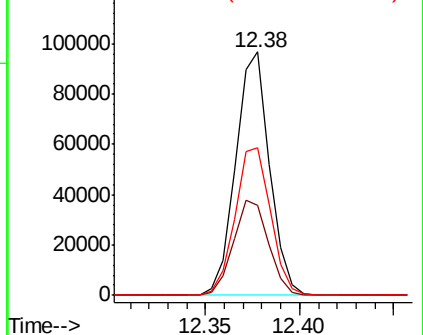
148 63.7 31.6 94.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.681 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

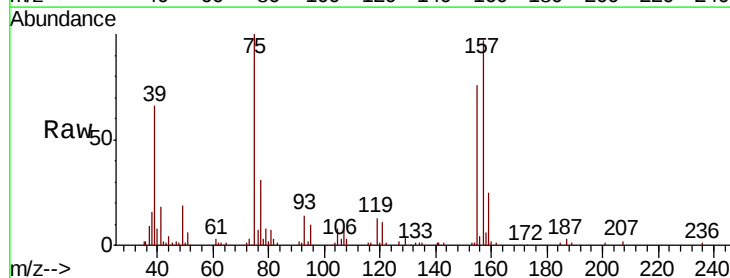
Tgt Ion: 75 Resp: 18878

Ion Ratio Lower Upper

75 100

155 87.5 73.4 110.0

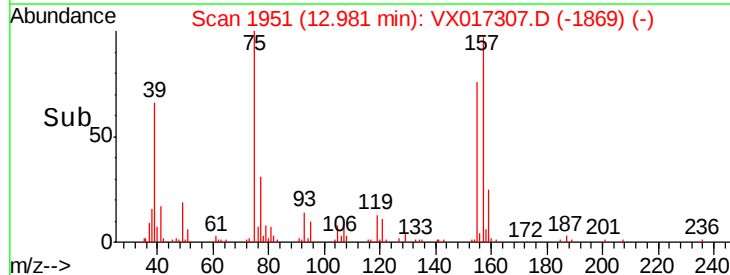
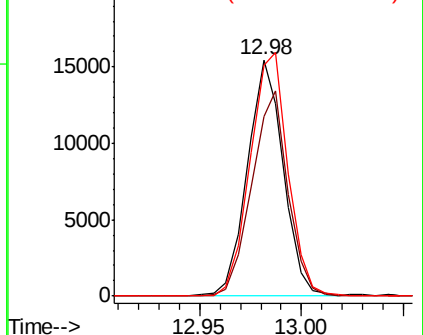
157 108.5 90.5 135.7

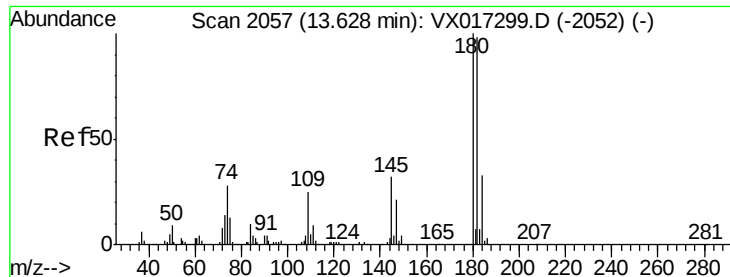


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

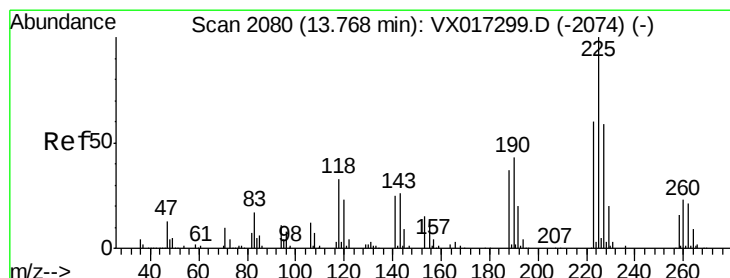
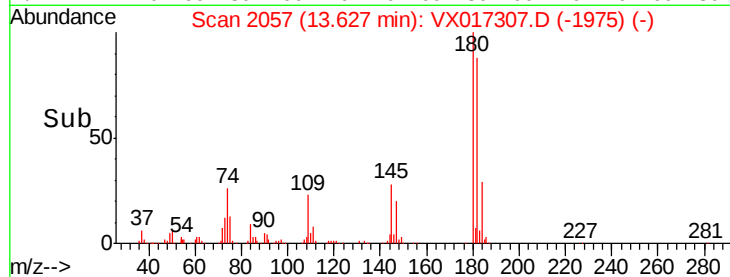
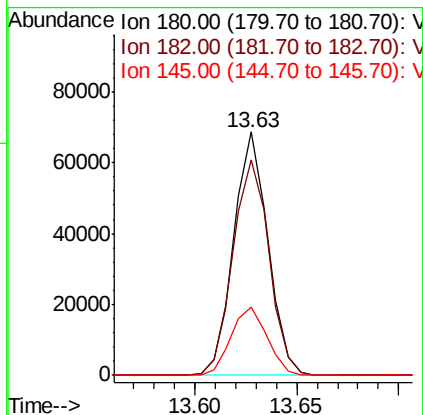
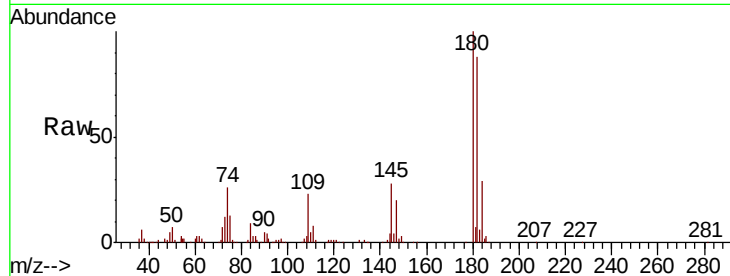




#89
 1,2,4-Trichlorobenzene
 Concen: 18.260 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

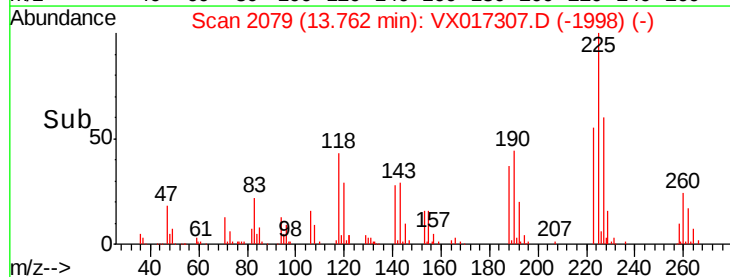
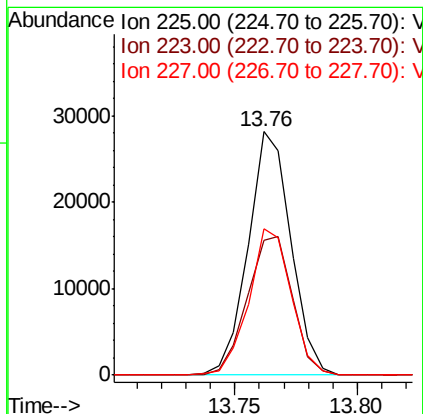
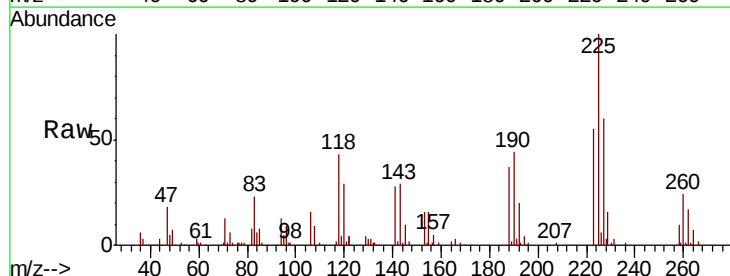
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

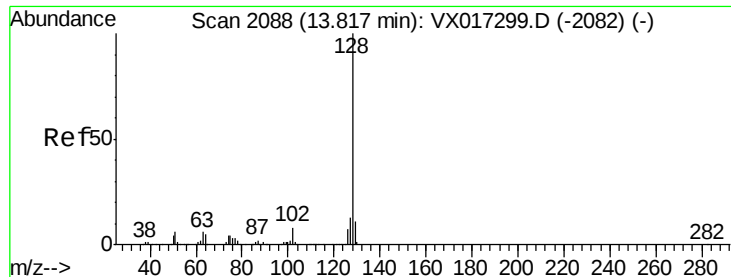
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	77.8	116.8
145	29.7	25.0	37.4



#90
 Hexachlorobutadiene
 Concen: 19.679 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	0.0	129.0
227	59.5	0.0	124.4

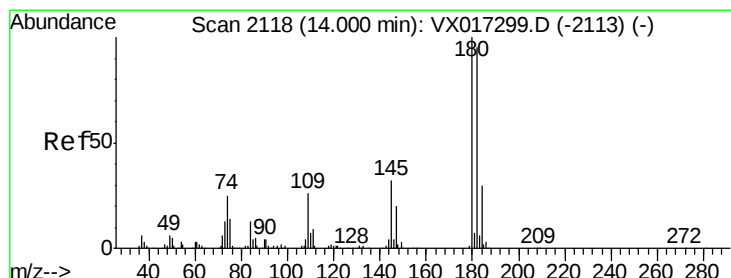
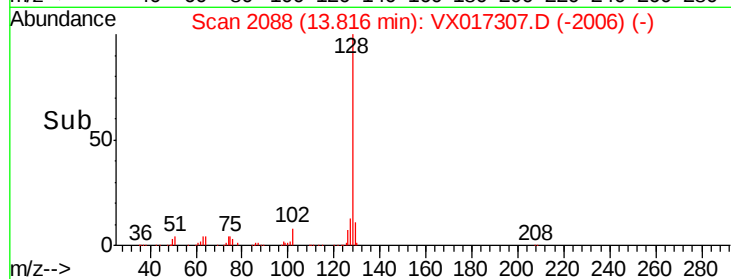
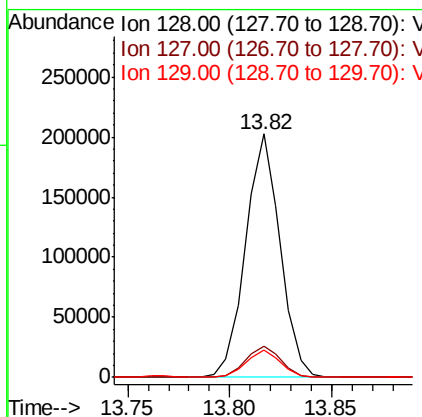
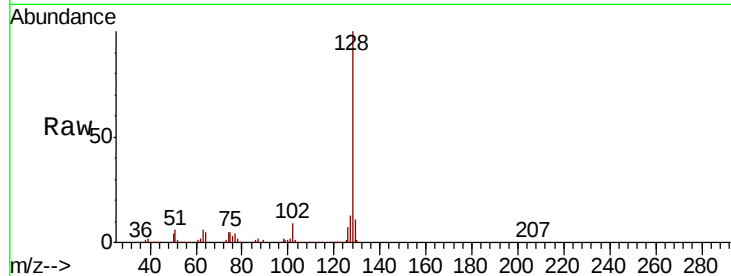




#91
Naphthalene
Concen: 17.776 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

Tot Ion:128 Resp: 237685
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.2 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 17.954 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion:180 Resp: 77878
Ion Ratio Lower Upper
180 100
182 94.7 0.0 185.6
145 32.0 0.0 63.0

