

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071320\
 Data File : VX071361.D
 Acq On : 13 Jul 2020 18:21
 Operator : JC/SP
 Sample : VX0713WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

Quant Time: Jul 14 03:03:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	316770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	484491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	456996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	244349	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	191593	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
35) Dibromofluoromethane	5.46	113	156038	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	
50) Toluene-d8	8.70	98	580216	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.12	95	220096	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	62548	23.335	ug/l	99
3) Chloromethane	1.31	50	65516	21.711	ug/l	100
4) Vinyl Chloride	1.39	62	64368	21.562	ug/l	94
5) Bromomethane	1.63	94	42807	22.027	ug/l	99
6) Chloroethane	1.72	64	37463	19.881	ug/l	95
7) Trichlorofluoromethane	1.92	101	102886	20.419	ug/l	97
8) Diethyl Ether	2.17	74	34895	19.592	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	58739	20.465	ug/l	98
10) Methyl Iodide	2.49	142	62244	17.960	ug/l	97
11) Tert butyl alcohol	3.01	59	68794	102.702	ug/l	100
12) 1,1-Dichloroethene	2.36	96	56496	19.598	ug/l	97
13) Acrolein	2.27	56	31291	85.218	ug/l	98
14) Allyl chloride	2.71	41	101130	20.246	ug/l	96
15) Acrylonitrile	3.12	53	169100	104.139	ug/l	100
16) Acetone	2.42	43	139496	98.349	ug/l	100
17) Carbon Disulfide	2.55	76	167157	19.877	ug/l	100
18) Methyl Acetate	2.75	43	70961	20.256	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	201248	20.560	ug/l	98
20) Methylene Chloride	2.84	84	67989	19.647	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	66386	20.128	ug/l	92
22) Diisopropyl ether	3.82	45	204949	21.540	ug/l	99
23) Vinyl Acetate	3.79	43	888634	106.195	ug/l	100
24) 1,1-Dichloroethane	3.67	63	115599	20.673	ug/l	99
25) 2-Butanone	4.64	43	232564	103.234	ug/l	99
26) 2,2-Dichloropropane	4.56	77	97950	18.822	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	72645	20.085	ug/l	99
28) Bromochloromethane	4.98	49	53600	20.750	ug/l	99
29) Tetrahydrofuran	5.09	42	152797	104.779	ug/l	99
30) Chloroform	5.18	83	120523	20.033	ug/l	98
31) Cyclohexane	5.56	56	100597	21.975	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	109590	19.704	ug/l	97
36) 1,1-Dichloropropene	5.77	75	87988	19.744	ug/l	99
37) Ethyl Acetate	4.79	43	92017	19.966	ug/l	98
38) Carbon Tetrachloride	5.76	117	103315	19.801	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
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Quant Time: Jul 14 03:03:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	98882	20.433	ug/l	94
40) Benzene	6.11	78	261661	20.431	ug/l	99
41) Methacrylonitrile	5.00	41	51160	20.678	ug/l	98
42) 1,2-Dichloroethane	6.17	62	97161	19.526	ug/l	100
43) Isopropyl Acetate	6.41	43	147706	20.057	ug/l	99
44) Trichloroethene	7.19	130	77134	19.717	ug/l	98
45) 1,2-Dichloropropane	7.49	63	67561	20.616	ug/l	100
46) Dibromomethane	7.64	93	47872	20.255	ug/l	98
47) Bromodichloromethane	7.88	83	97213	19.674	ug/l	98
48) Methyl methacrylate	7.74	41	72622	20.550	ug/l	99
49) 1,4-Dioxane	7.71	88	29598	409.269	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	472934	105.322	ug/l	99
52) Toluene	8.76	92	169586	20.634	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	103881	19.515	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	113104	19.921	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	70050	20.440	ug/l	99
56) Ethyl methacrylate	9.16	69	98892	20.325	ug/l	99
57) 1,3-Dichloropropane	9.35	76	114584	20.100	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	255490	103.415	ug/l	98
59) 2-Hexanone	9.47	43	352781	104.092	ug/l	99
60) Dibromochloromethane	9.57	129	80360	19.194	ug/l	100
61) 1,2-Dibromoethane	9.65	107	75743	20.316	ug/l	99
64) Tetrachloroethene	9.32	164	77296	19.542	ug/l	98
65) Chlorobenzene	10.12	112	186406	20.071	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	73975	20.007	ug/l	98
67) Ethyl Benzene	10.23	91	315366	20.398	ug/l	97
68) m/p-Xylenes	10.34	106	243711	41.430	ug/l	99
69) o-Xylene	10.68	106	114640	20.395	ug/l	99
70) Styrene	10.70	104	201050	20.837	ug/l	98
71) Bromoform	10.84	173	61775	19.799	ug/l #	99
73) Isopropylbenzene	11.00	105	315402	20.591	ug/l	100
74) N-amyl acetate	10.88	43	131110	21.390	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	96847	20.824	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	120732	26.739	ug/l	86
77) Bromobenzene	11.24	156	87858	20.139	ug/l	99
78) n-propylbenzene	11.34	91	354475	20.606	ug/l	100
79) 2-Chlorotoluene	11.40	91	216963	20.466	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	268412	20.643	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	34798	19.551	ug/l	98
82) 4-Chlorotoluene	11.49	91	259478	20.653	ug/l	100
83) tert-Butylbenzene	11.76	119	259564	20.651	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	272777	20.766	ug/l	100
85) sec-Butylbenzene	11.93	105	301327	20.477	ug/l	99
86) p-Isopropyltoluene	12.05	119	283454	20.358	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	151502	19.412	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	156125	19.801	ug/l	99
89) n-Butylbenzene	12.37	91	237222	19.977	ug/l	99
90) Hexachloroethane	12.58	117	53507	20.242	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	144511	19.704	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22304	18.175	ug/l	98

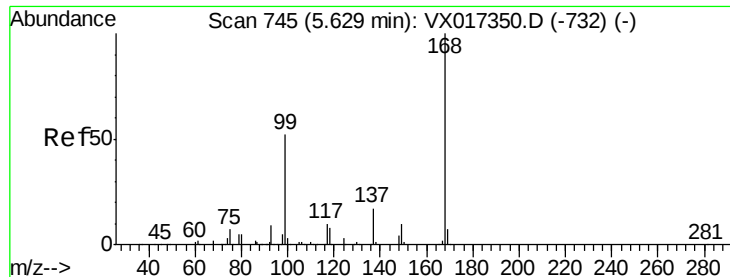
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071320\
Data File : VX017361.D
Acq On : 13 Jul 2020 18:21
Operator : JC/SP
Sample : VX0713WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBS01

Quant Time: Jul 14 03:03:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	96926	19.039	ug/l	99
94) Hexachlorobutadiene	13.77	225	40738	19.622	ug/l	97
95) Naphthalene	13.82	128	305630	20.418	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	99575	20.248	ug/l	96

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

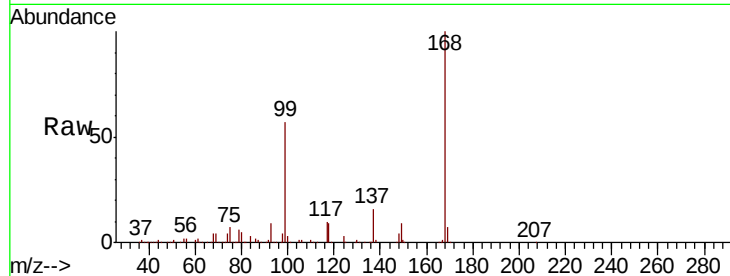


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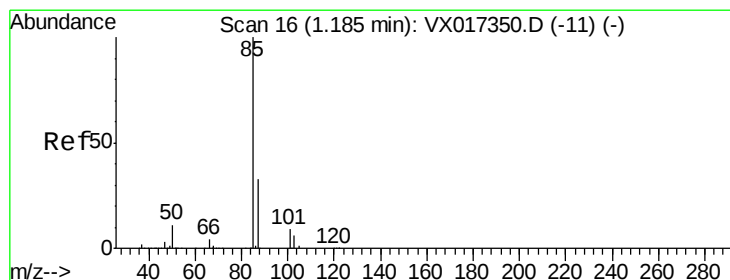
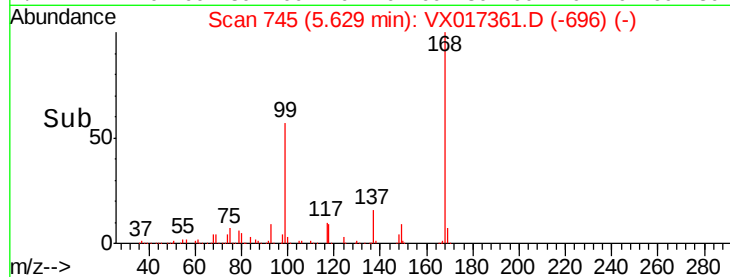
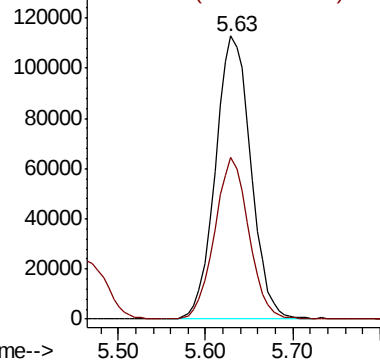
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: VX017361.D
 Acq: 13 Jul 2020 18:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

Tot Ion:168 Resp: 316770
 Ion Ratio Lower Upper
 168 100
 99 57.2 41.6 62.4



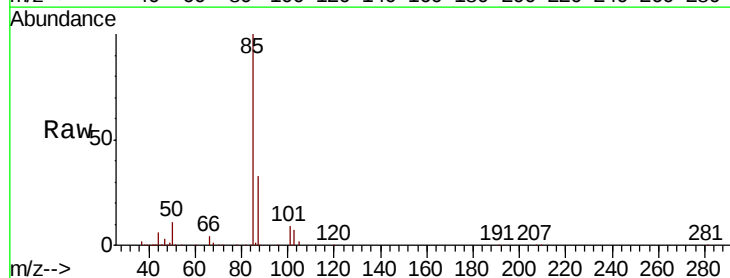
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



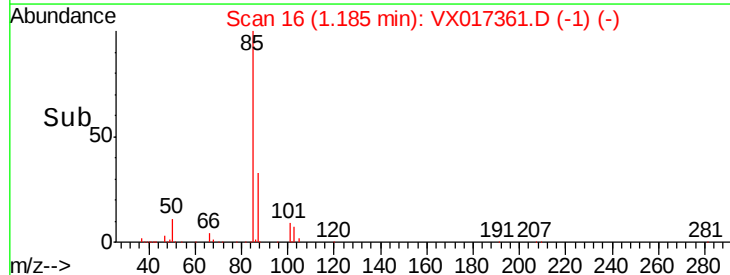
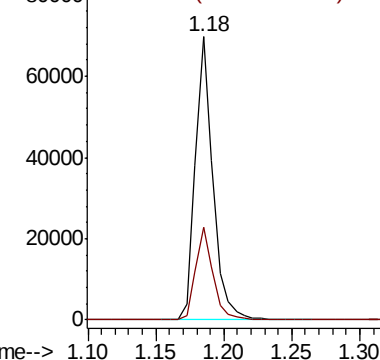
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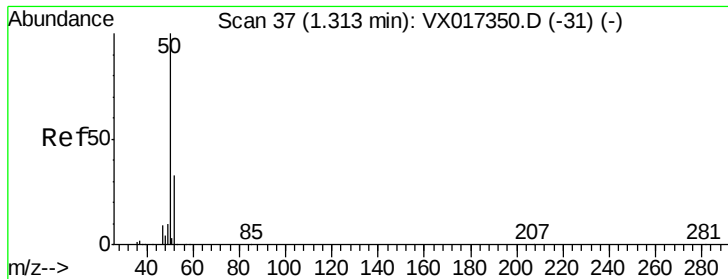
Dichlorodifluoromethane
 Concen: 23.335 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX017361.D
 Acq: 13 Jul 2020 18:21

Tgt Ion: 85 Resp: 62548
 Ion Ratio Lower Upper
 85 100
 87 32.9 16.3 48.8



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





#3

Chloromethane

Concen: 21.711 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

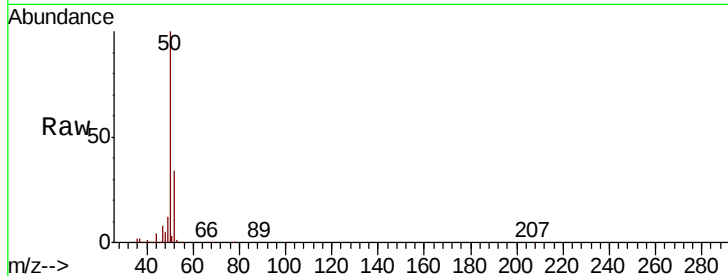
VX0713WBS01

Tot Ion: 50 Resp: 65516

Ion Ratio Lower Upper

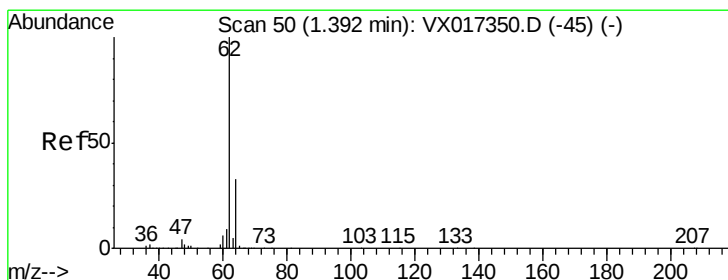
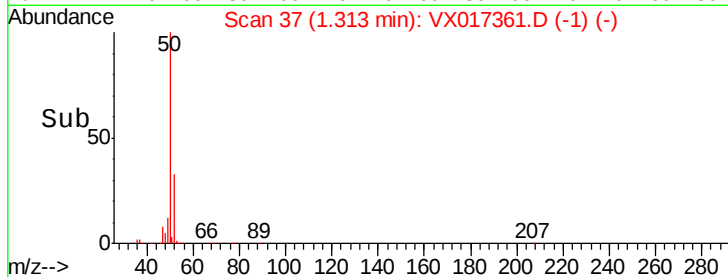
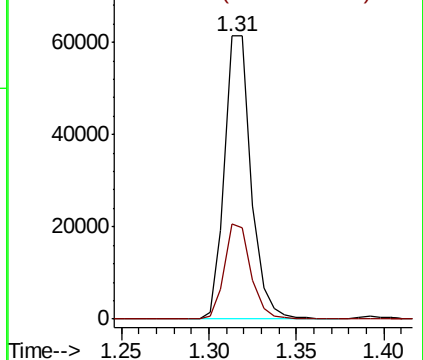
50 100

52 33.5 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.562 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017361.D

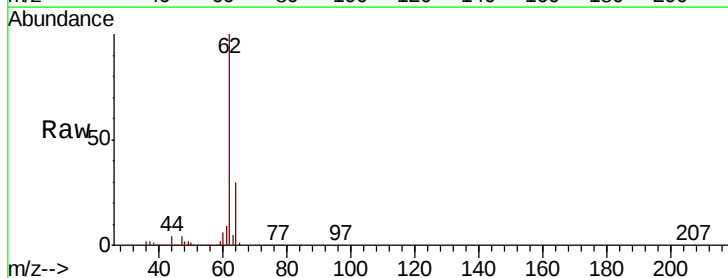
Acq: 13 Jul 2020 18:21

Tgt Ion: 62 Resp: 64368

Ion Ratio Lower Upper

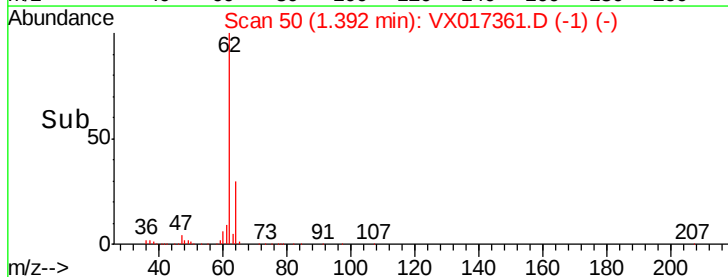
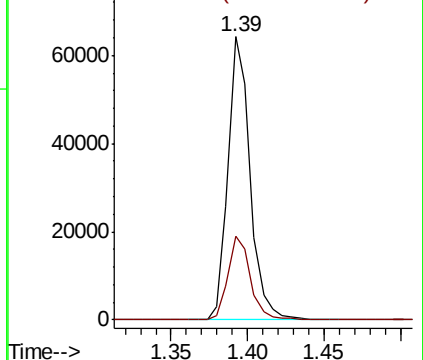
62 100

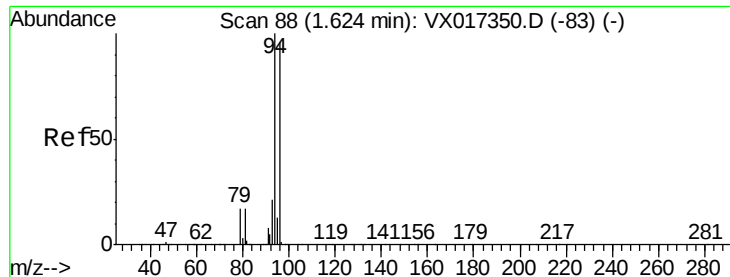
64 29.8 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.027 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

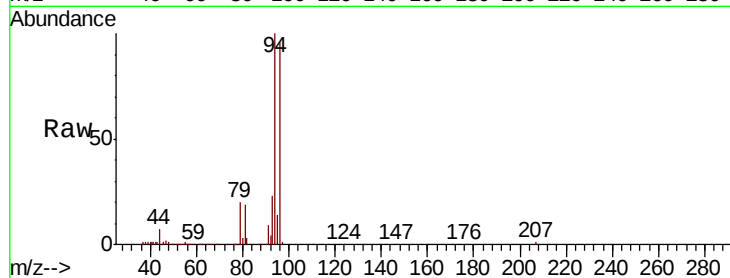
VX0713WBS01

Tot Ion: 94 Resp: 42807

Ion Ratio Lower Upper

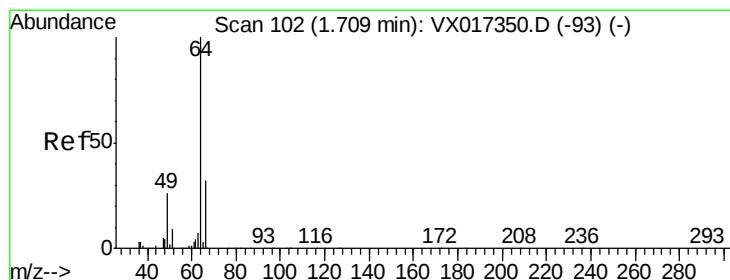
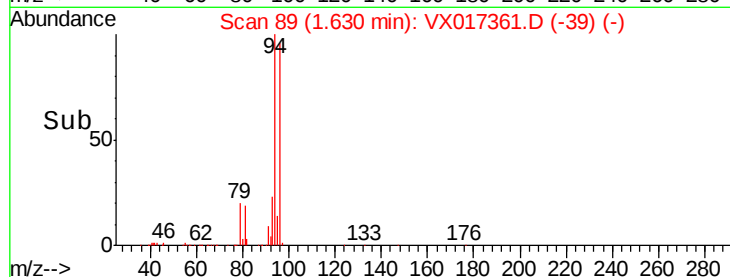
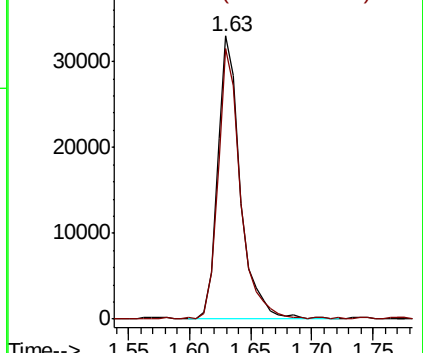
94 100

96 95.2 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.881 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017361.D

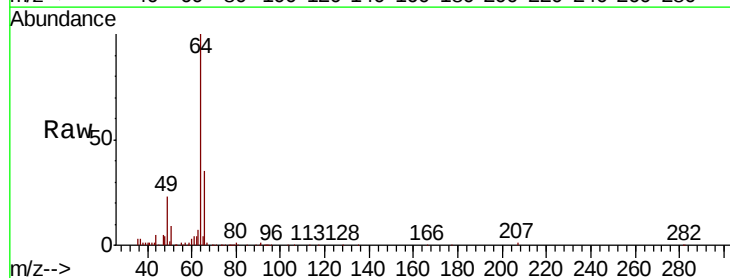
Acq: 13 Jul 2020 18:21

Tgt Ion: 64 Resp: 37463

Ion Ratio Lower Upper

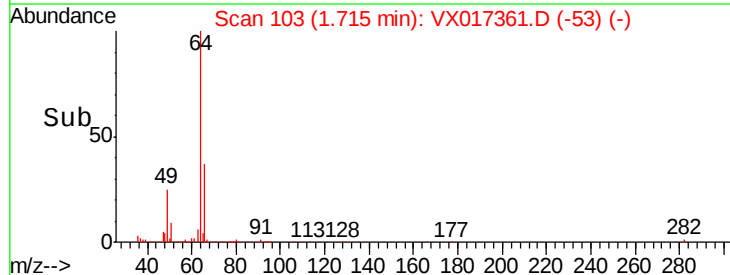
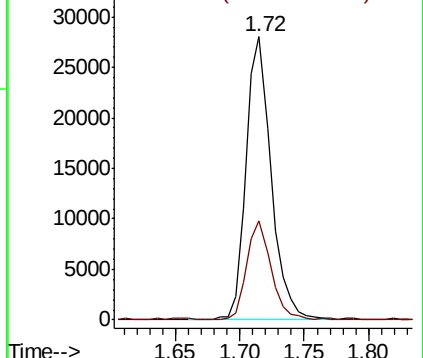
64 100

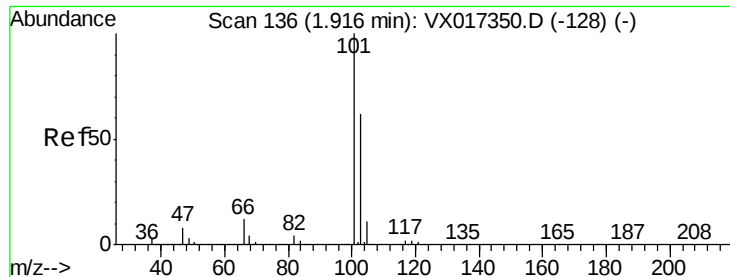
66 35.0 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



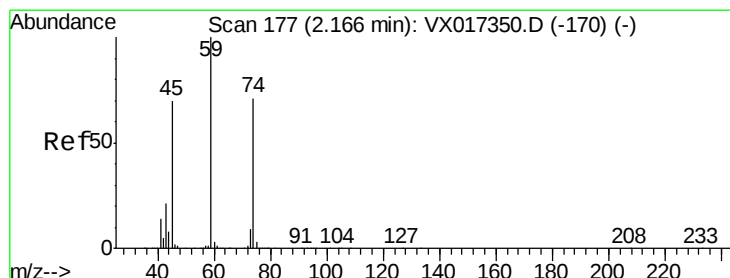
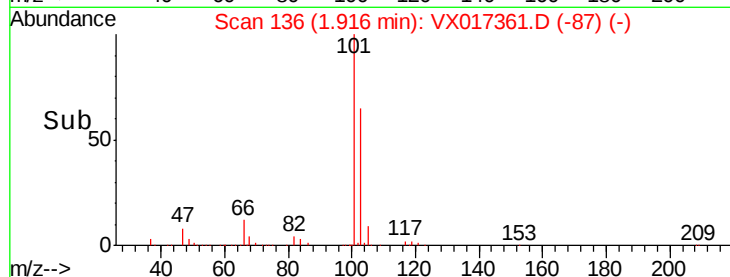
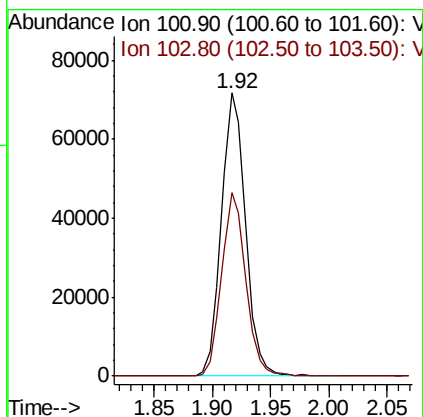
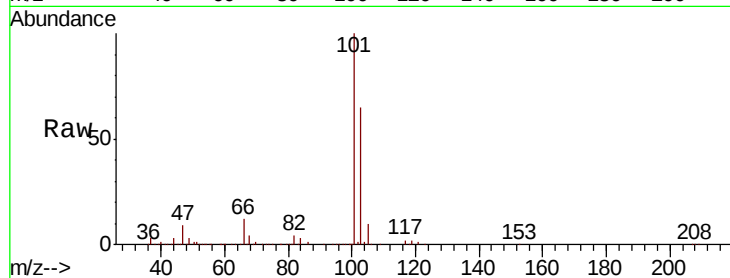


#7

Trichlorofluoromethane
Concen: 20.419 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBS01

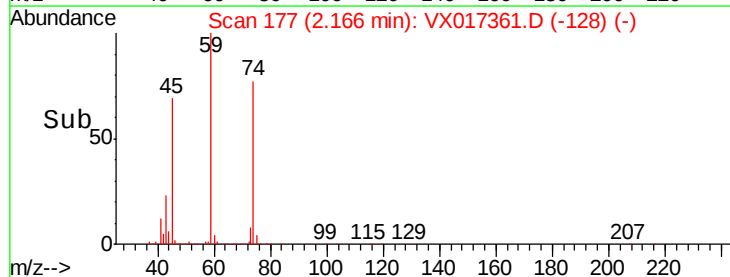
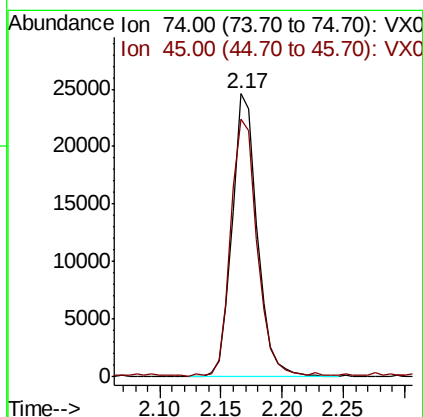
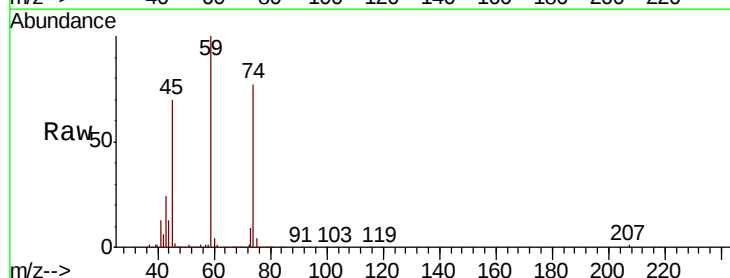
Tot Ion:101 Resp: 102886
Ion Ratio Lower Upper
101 100
103 64.6 49.6 74.4

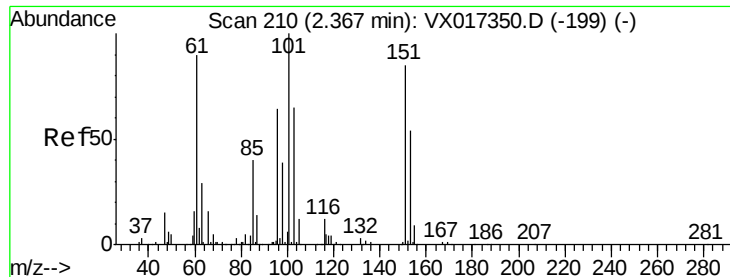


#8

Diethyl Ether
Concen: 19.592 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

Tgt Ion: 74 Resp: 34895
Ion Ratio Lower Upper
74 100
45 94.6 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.465 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBS01

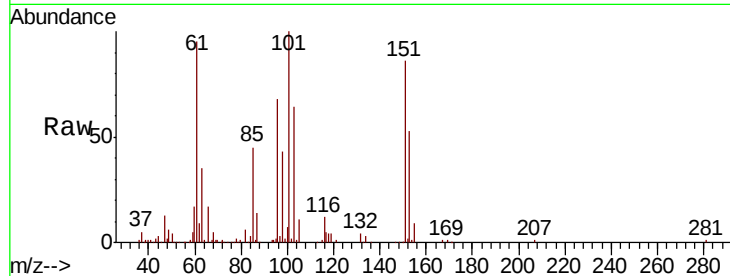
Tot Ion:101 Resp: 58739

Ion Ratio Lower Upper

101 100

85 45.0 33.7 50.5

151 83.0 66.4 99.6

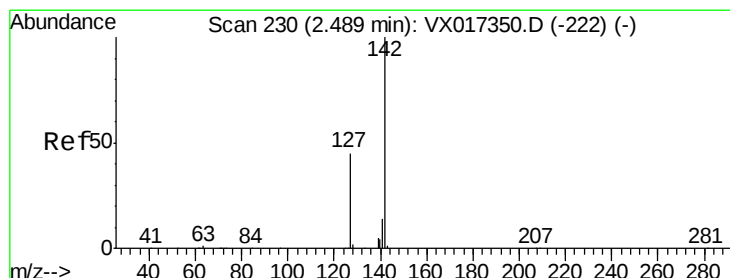
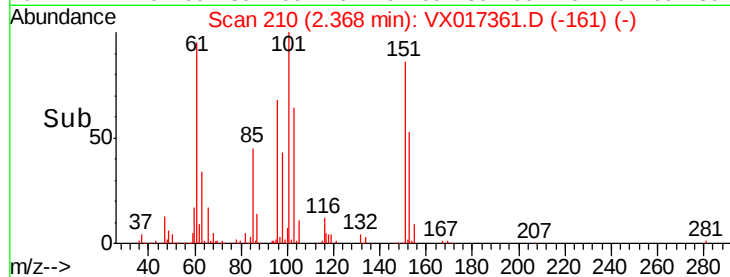
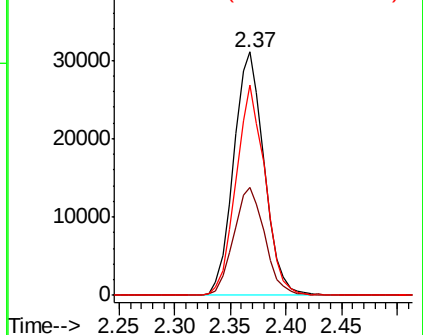


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.960 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

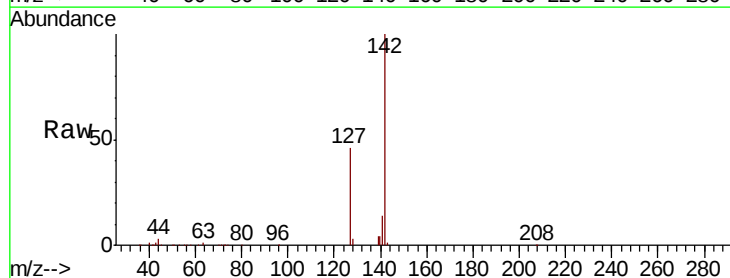
Tgt Ion:142 Resp: 62244

Ion Ratio Lower Upper

142 100

127 43.8 36.8 55.2

141 14.4 11.4 17.0

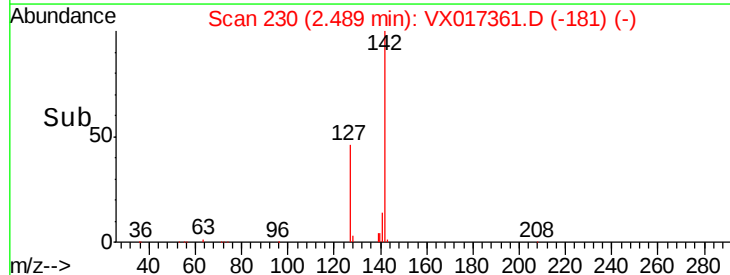
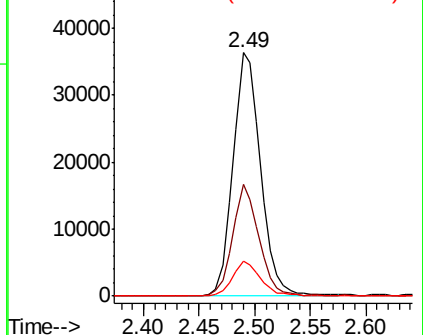


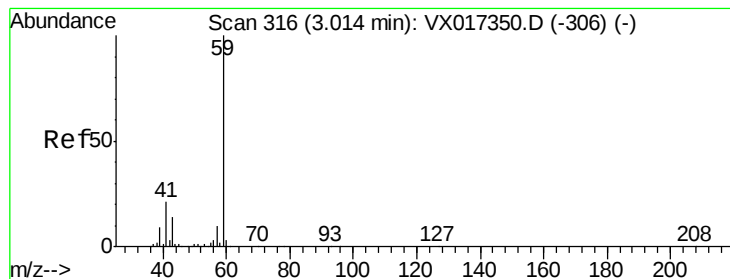
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



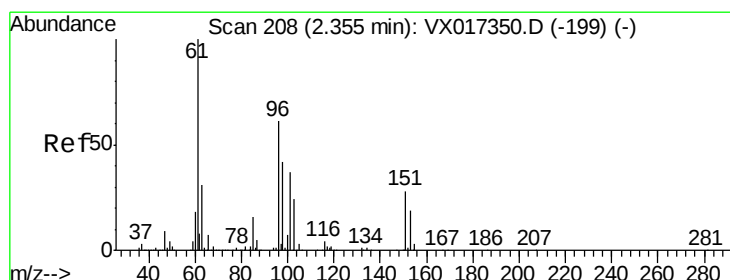
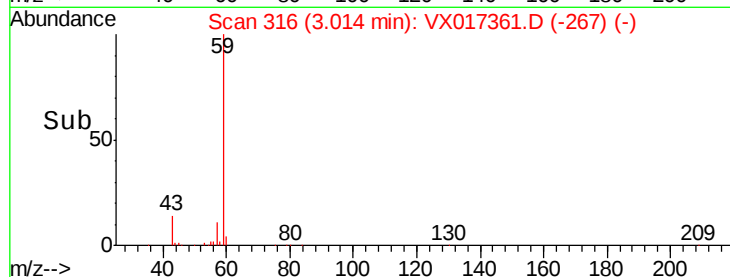
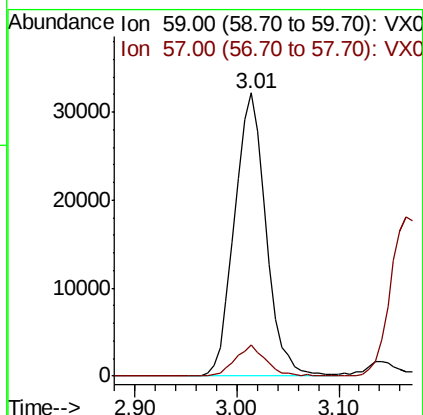
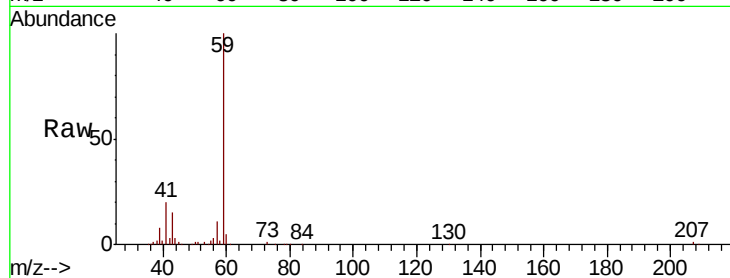


#11

Tert butyl alcohol
 Concen: 102.702 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX017361.D
 Acq: 13 Jul 2020 18:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

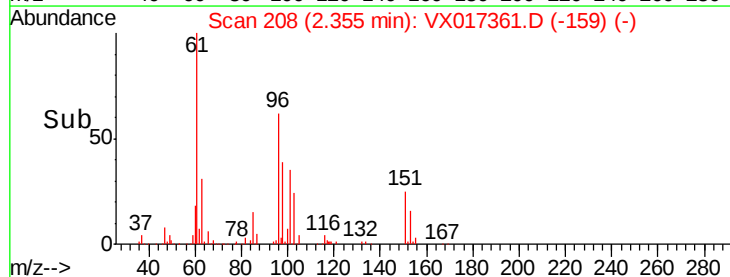
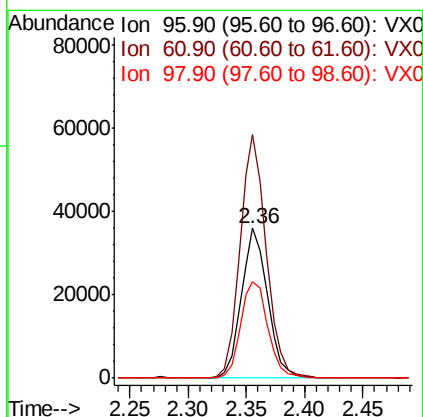
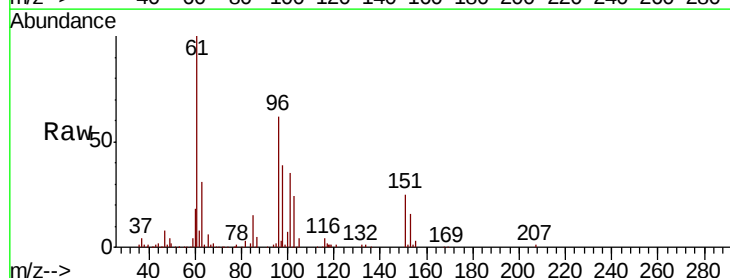
Tot Ion: 59 Resp: 68794
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

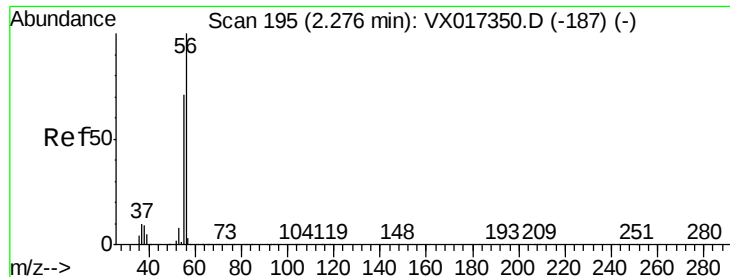


#12

1,1-Dichloroethene
 Concen: 19.598 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX017361.D
 Acq: 13 Jul 2020 18:21

Tgt Ion: 96 Resp: 56496
 Ion Ratio Lower Upper
 96 100
 61 162.2 131.5 197.3
 98 63.9 55.1 82.7





#13

Acrolein

Concen: 85.218 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

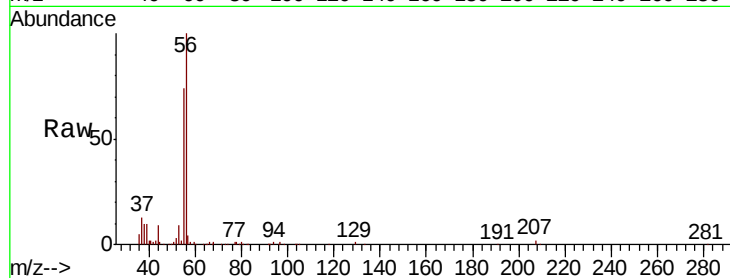
VX0713WBS01

Tot Ion: 56 Resp: 31291

Ion Ratio Lower Upper

56 100

55 73.2 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

20000

15000

10000

5000

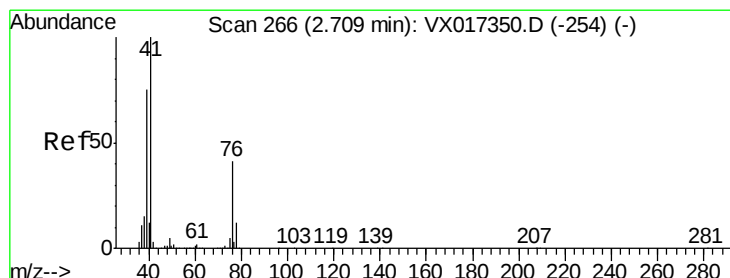
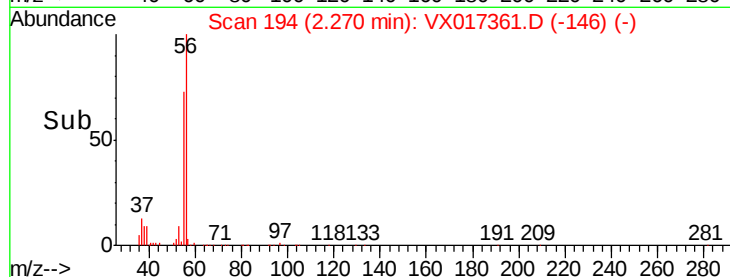
0

2.20

2.30

2.40

Time-->



#14

Allyl chloride

Concen: 20.246 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

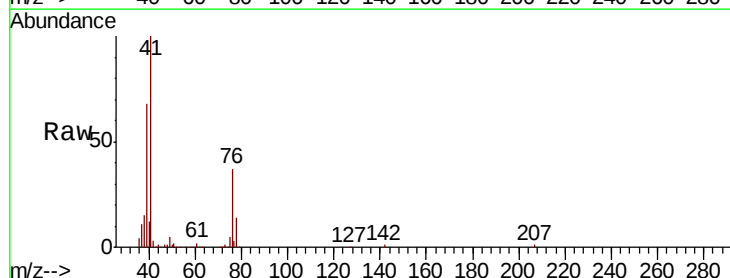
Tgt Ion: 41 Resp: 101130

Ion Ratio Lower Upper

41 100

39 63.0 53.0 79.4

76 33.2 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

100000

50000

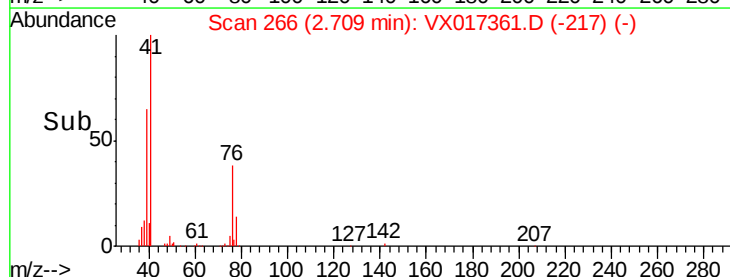
0

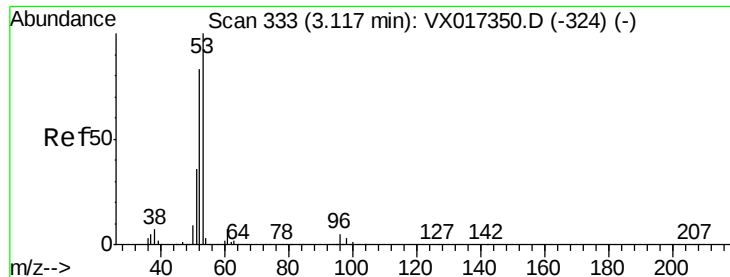
2.60

2.70

2.80

Time-->





#15

Acrylonitrile

Concen: 104.139 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBS01

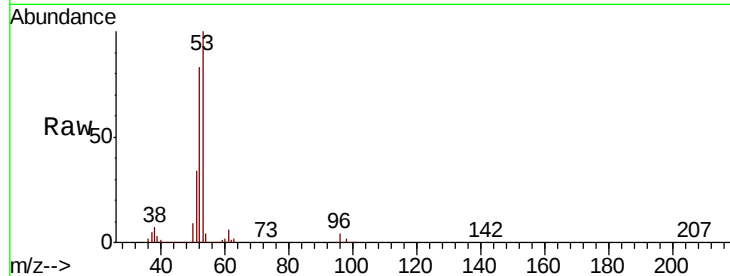
Tot Ion: 53 Resp: 169100

Ion Ratio Lower Upper

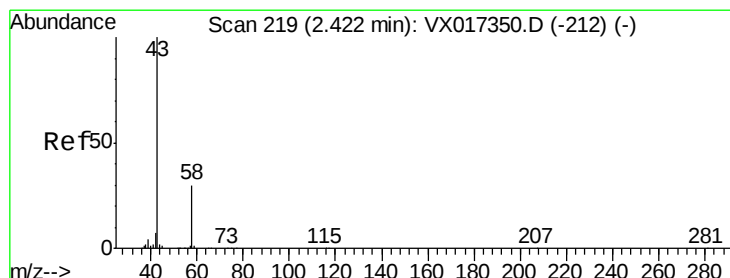
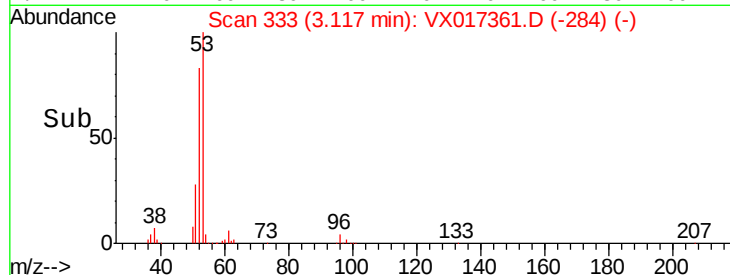
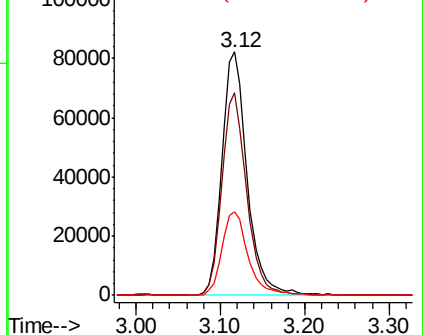
53 100

52 82.1 65.8 98.6

51 35.8 29.2 43.8



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 98.349 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017361.D

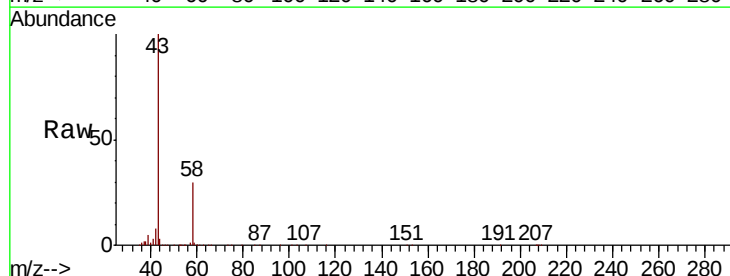
Acq: 13 Jul 2020 18:21

Tgt Ion: 43 Resp: 139496

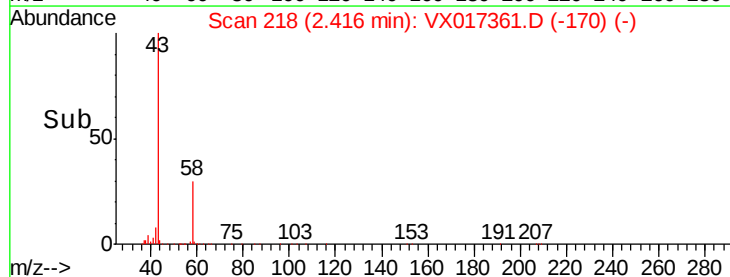
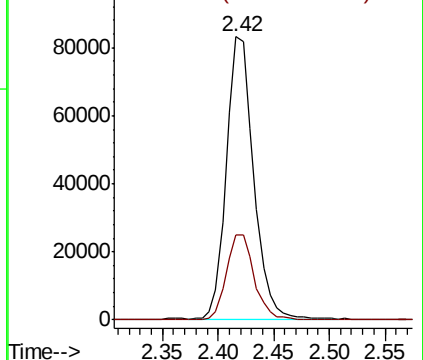
Ion Ratio Lower Upper

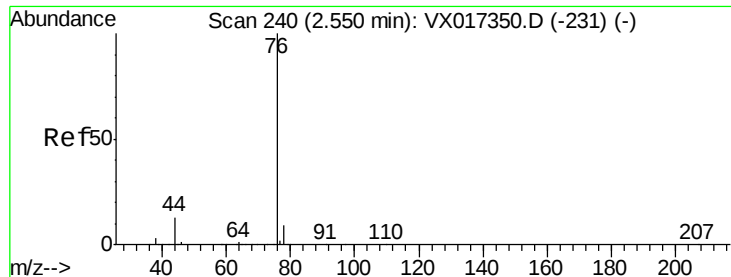
43 100

58 30.0 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.877 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

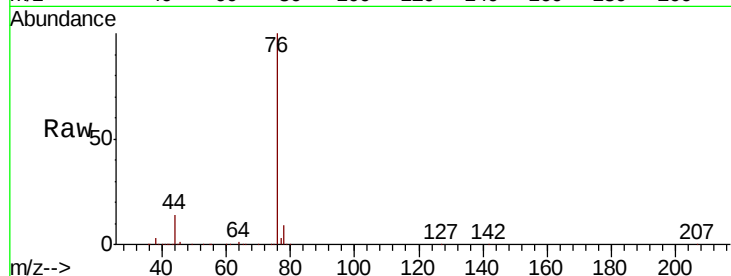
VX0713WBS01

Tot Ion: 76 Resp: 167157

Ion Ratio Lower Upper

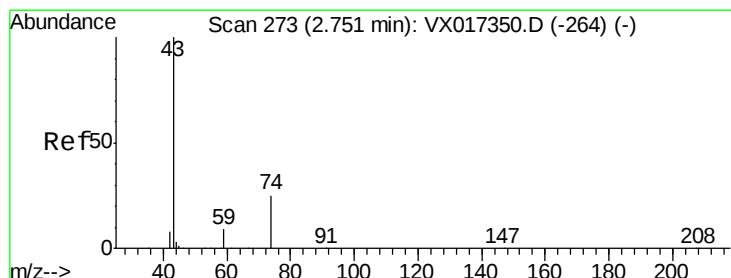
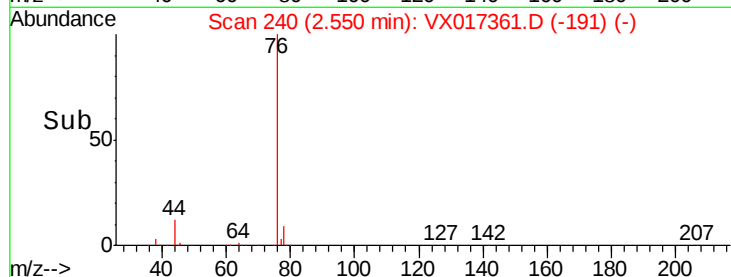
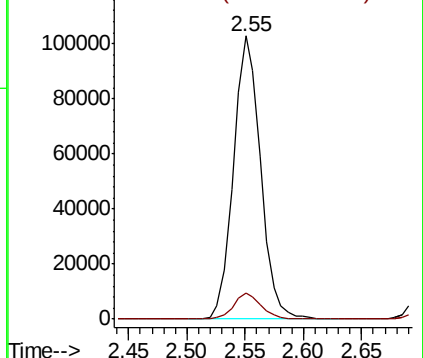
76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.256 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017361.D

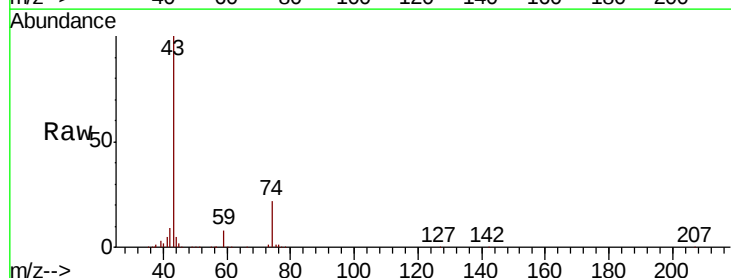
Acq: 13 Jul 2020 18:21

Tgt Ion: 43 Resp: 70961

Ion Ratio Lower Upper

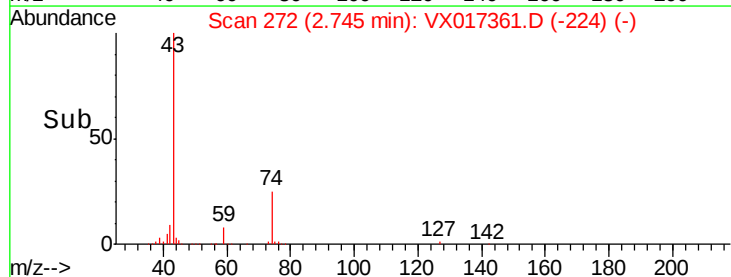
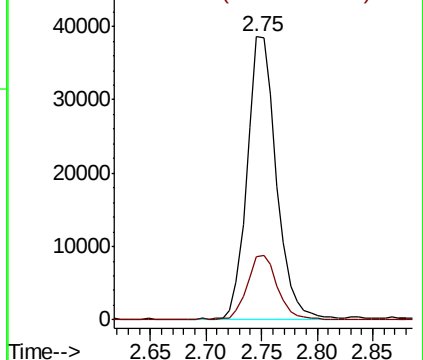
43 100

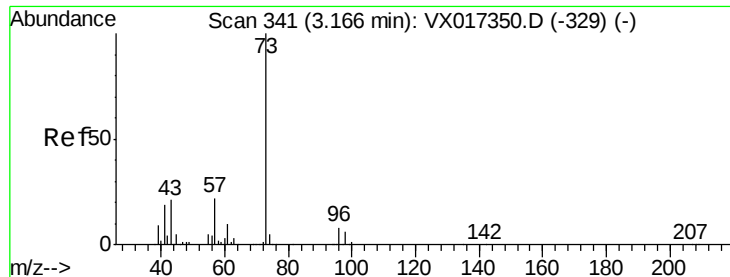
74 24.0 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

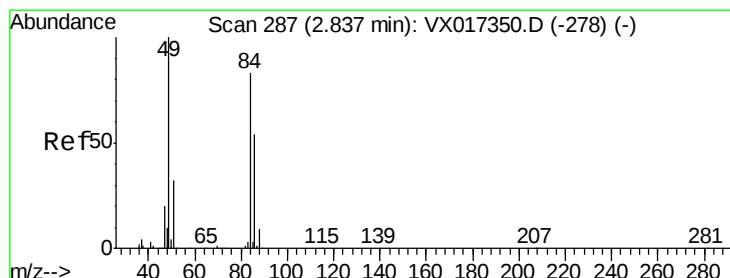
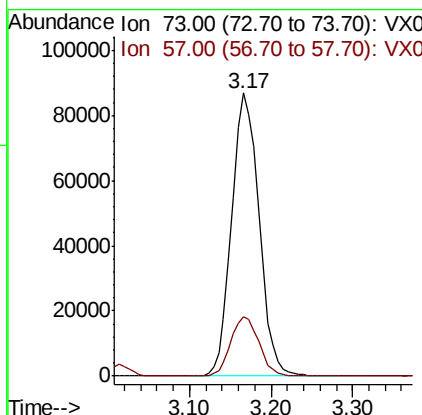
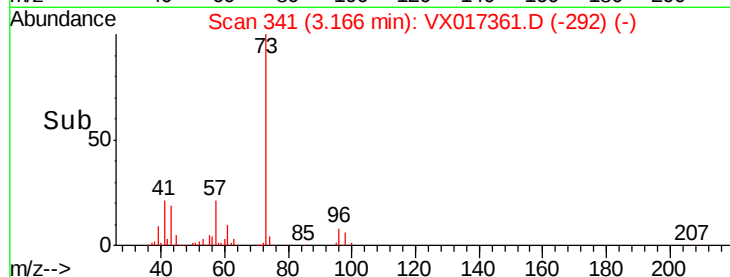
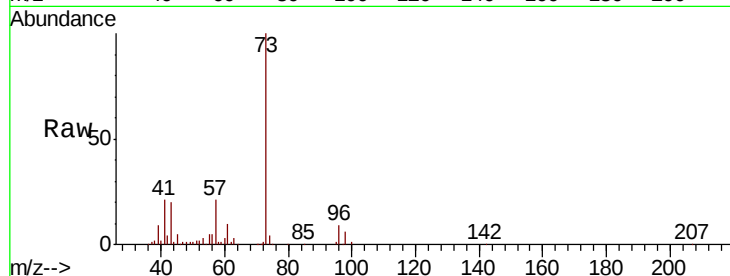




#19
Methyl tert-butyl Ether
Concen: 20.560 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

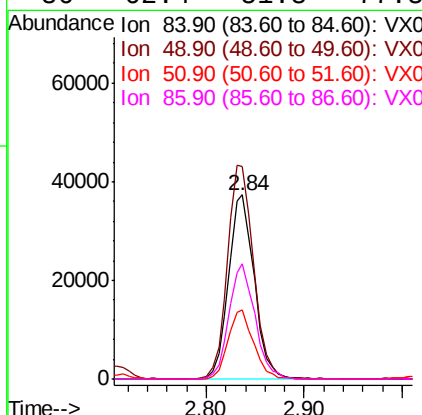
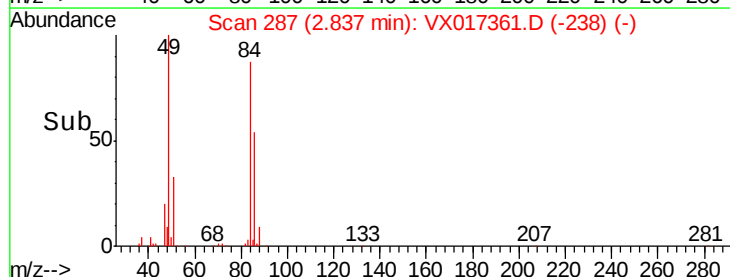
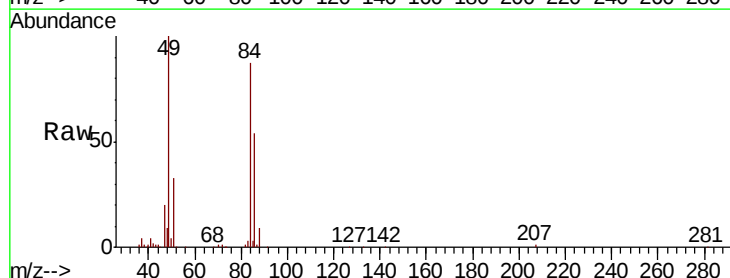
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBS01

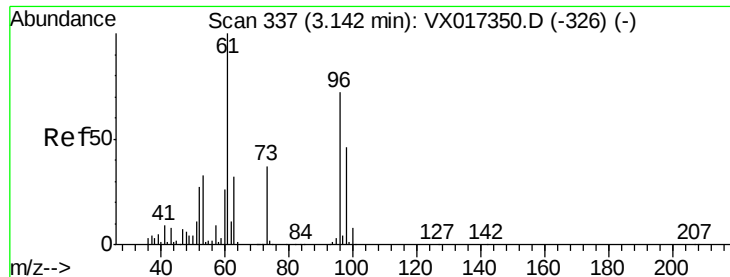
Tot Ion: 73 Resp: 201248
Ion Ratio Lower Upper
73 100
57 20.8 17.5 26.3



#20
Methylene Chloride
Concen: 19.647 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

Tgt Ion: 84 Resp: 67989
Ion Ratio Lower Upper
84 100
49 115.4 95.8 143.8
51 37.8 31.0 46.4
86 62.4 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 20.128 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBS01

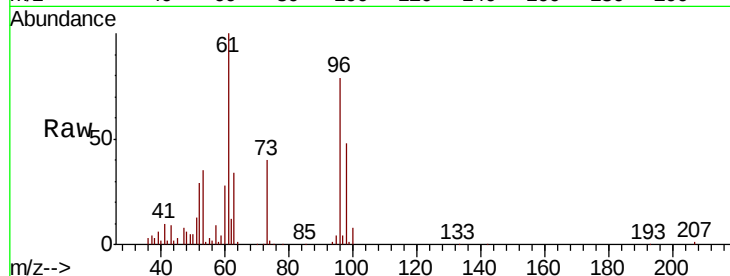
Tot Ion: 96 Resp: 66386

Ion Ratio Lower Upper

96 100

61 127.1 111.1 166.7

98 61.3 51.4 77.0

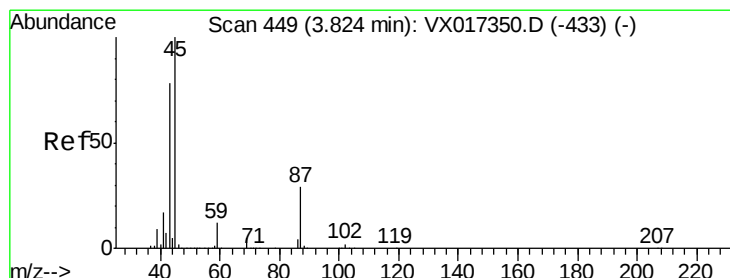
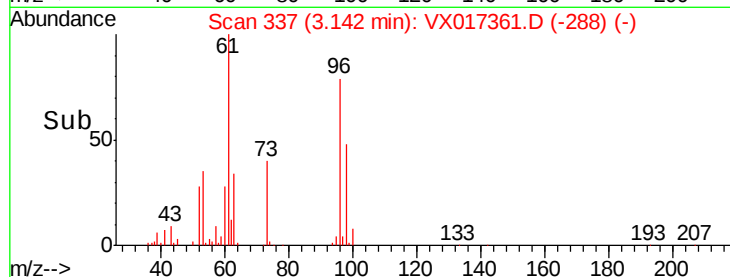
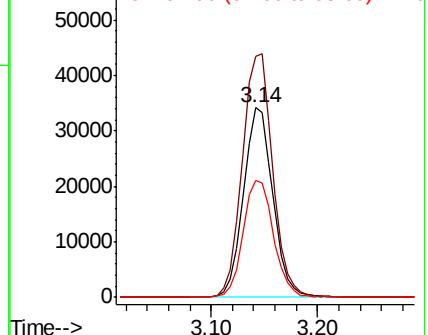


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.540 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Tgt Ion: 45 Resp: 204949

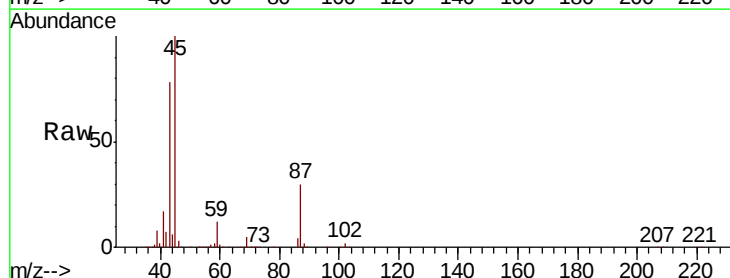
Ion Ratio Lower Upper

45 100

43 78.1 62.2 93.2

87 29.7 23.0 34.6

59 11.9 9.6 14.4



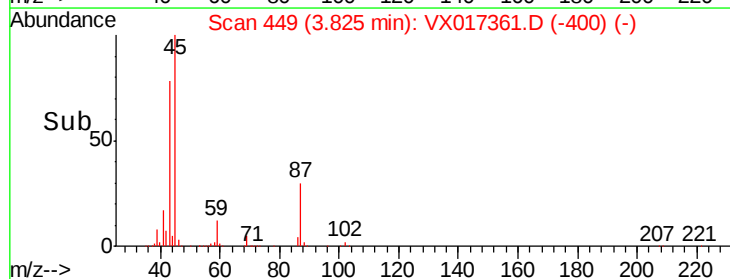
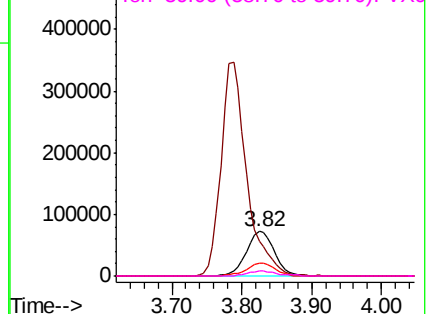
Abundance

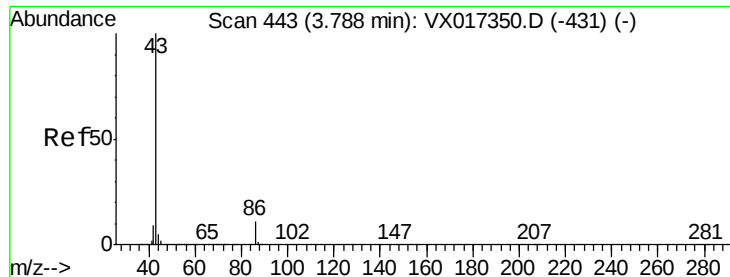
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 106.195 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

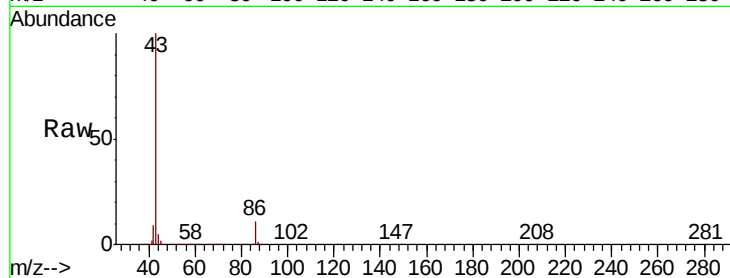
VX0713WBS01

Tot Ion: 43 Resp: 888634

Ion Ratio Lower Upper

43 100

86 11.1 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

400000

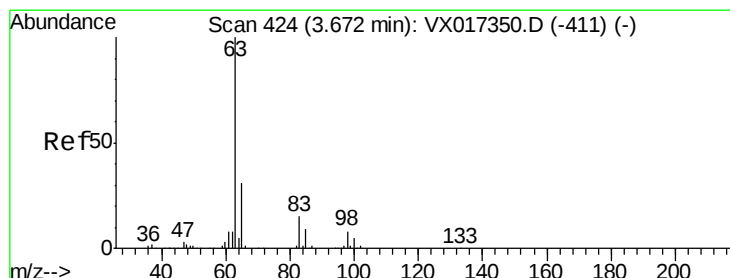
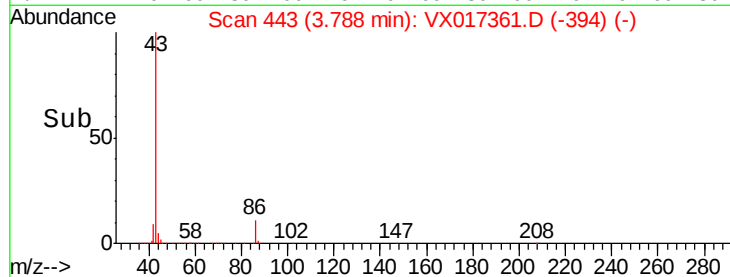
300000

200000

100000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 20.673 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

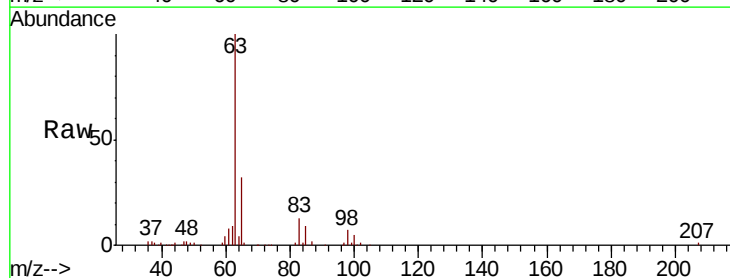
Tgt Ion: 63 Resp: 115599

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.6 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

50000

40000

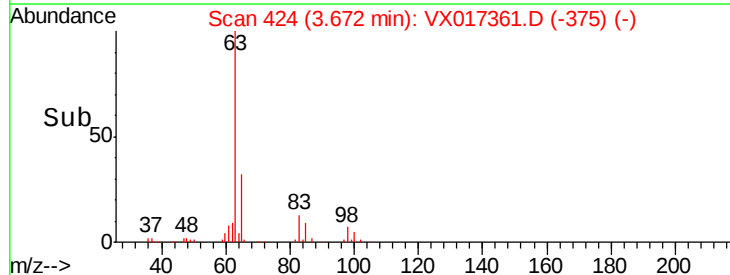
30000

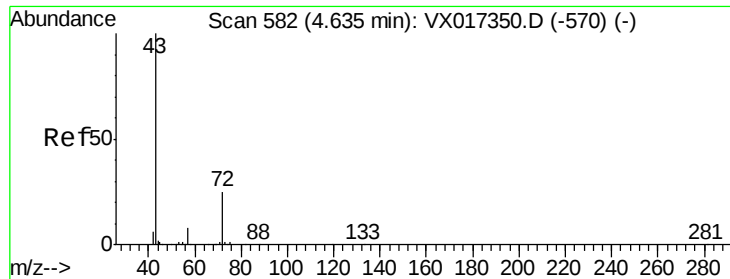
20000

10000

0

Time--> 3.50 3.60 3.70 3.80





#25

2-Butanone

Concen: 103.234 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

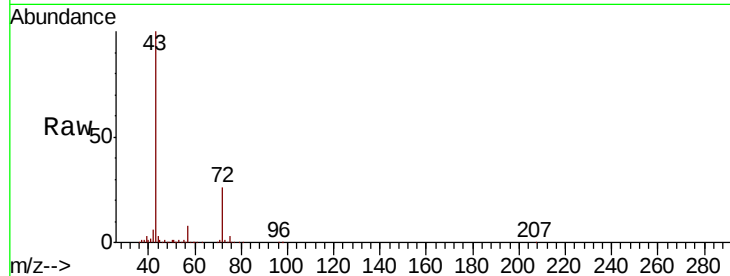
VX0713WBS01

Tot Ion: 43 Resp: 232564

Ion Ratio Lower Upper

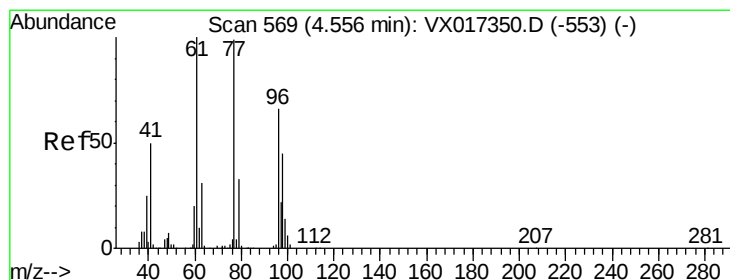
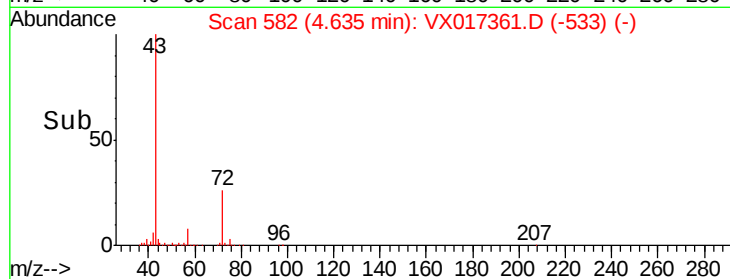
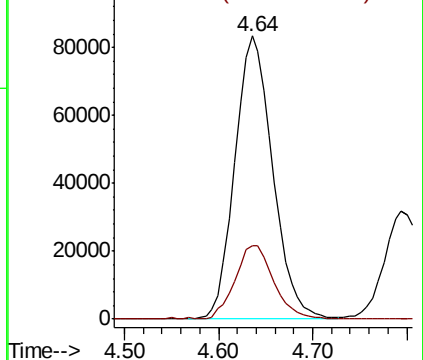
43 100

72 25.9 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.822 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX017361.D

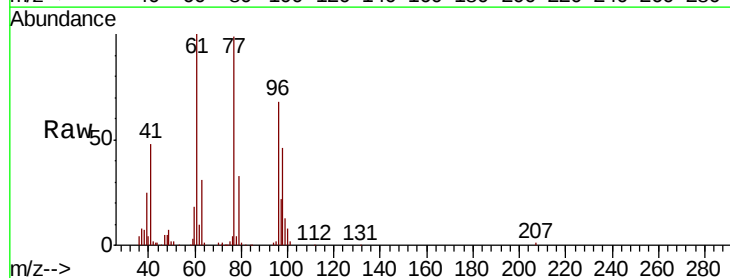
Acq: 13 Jul 2020 18:21

Tgt Ion: 77 Resp: 97950

Ion Ratio Lower Upper

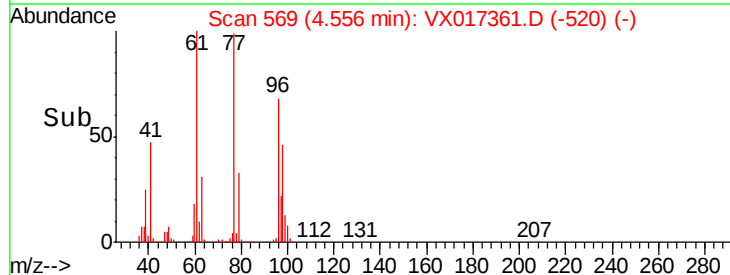
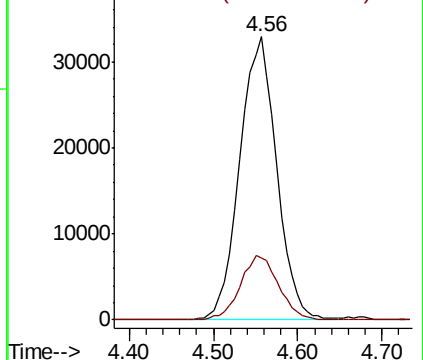
77 100

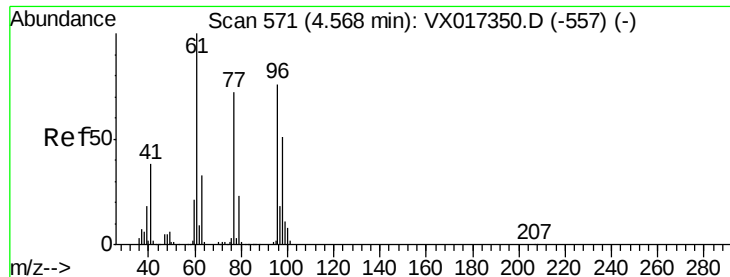
97 23.3 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



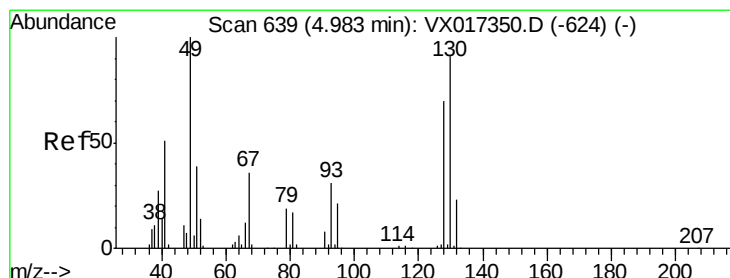
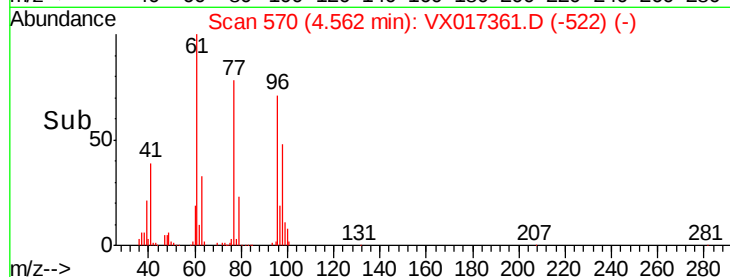
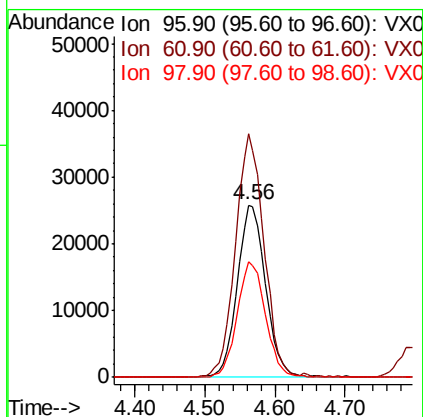
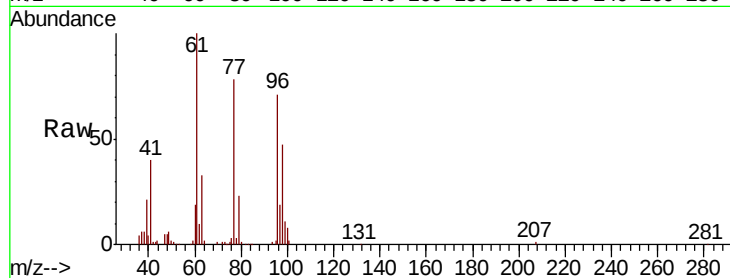


#27

cis-1,2-Dichloroethene
 Concen: 20.085 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX017361.D
 Acq: 13 Jul 2020 18:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

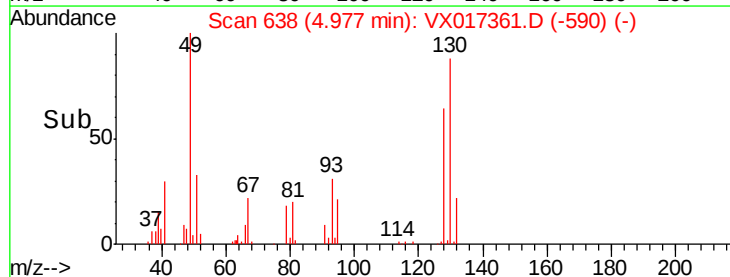
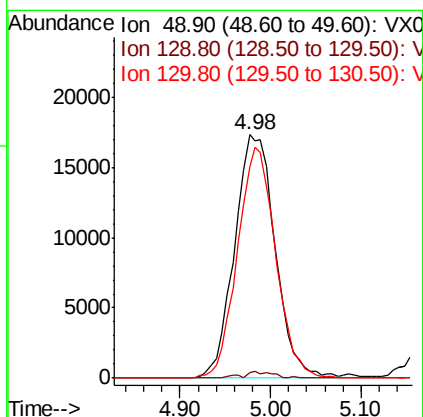
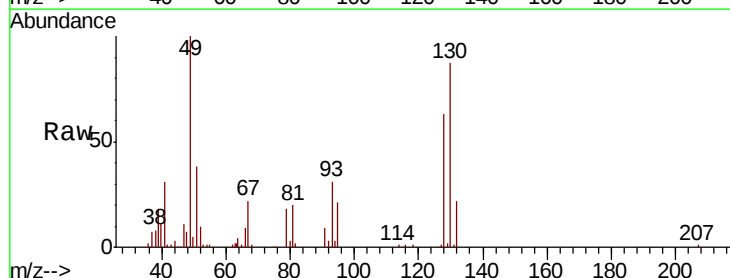
Tot Ion: 96 Resp: 72645
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 281.2
 98 66.9 0.0 131.4

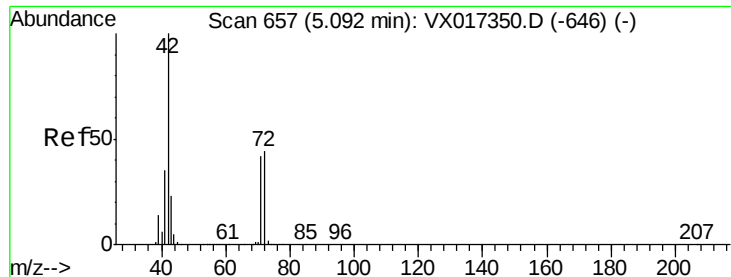


#28

Bromochloromethane
 Concen: 20.750 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX017361.D
 Acq: 13 Jul 2020 18:21

Tgt Ion: 49 Resp: 53600
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 89.4 71.1 106.7





#29

Tetrahydrofuran

Concen: 104.779 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBS01

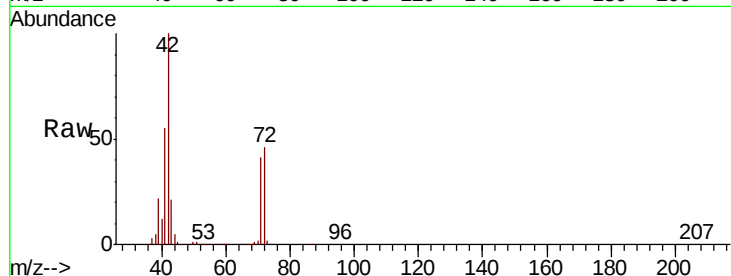
Tot Ion: 42 Resp: 152797

Ion Ratio Lower Upper

42 100

72 46.5 37.2 55.8

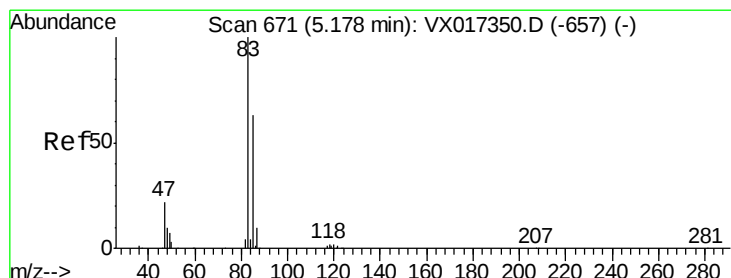
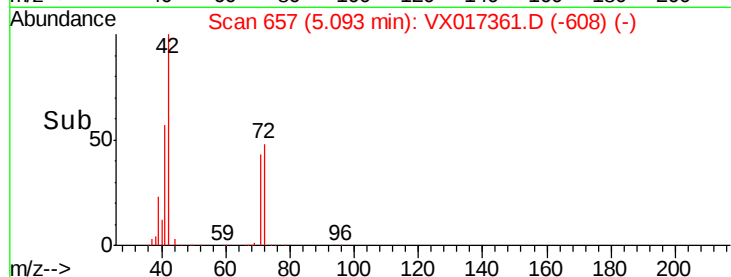
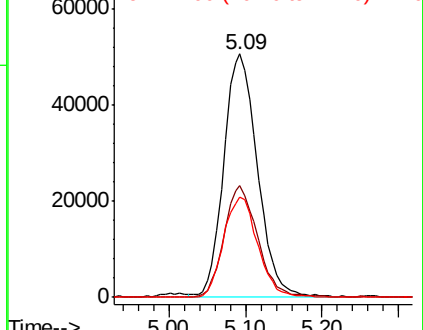
71 42.3 34.4 51.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.033 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017361.D

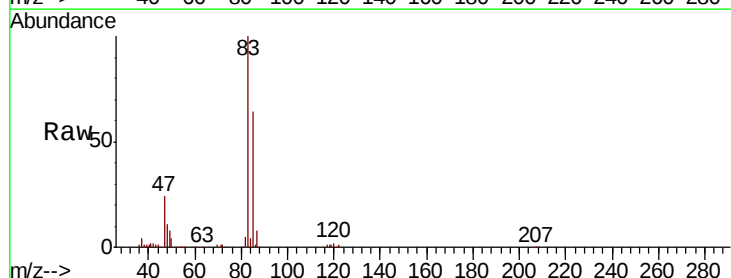
Acq: 13 Jul 2020 18:21

Tgt Ion: 83 Resp: 120523

Ion Ratio Lower Upper

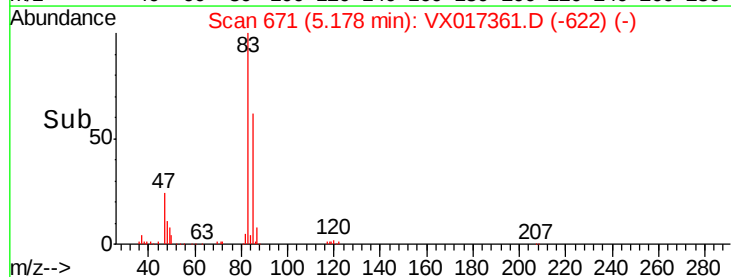
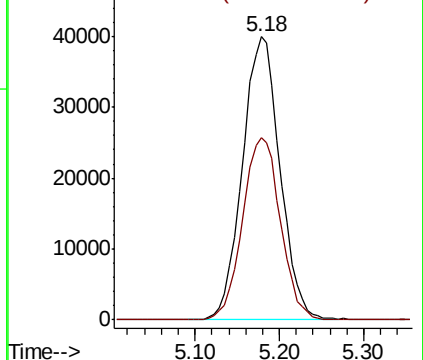
83 100

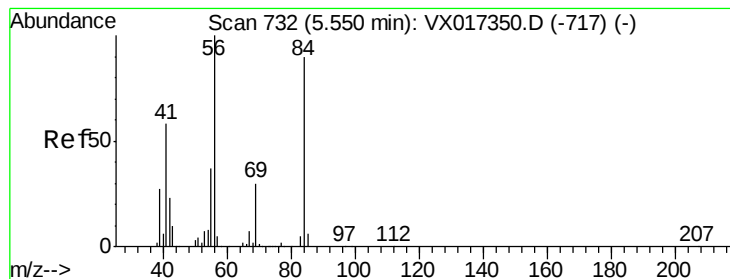
85 64.3 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cvclohexane

Concen: 21.975 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBS01

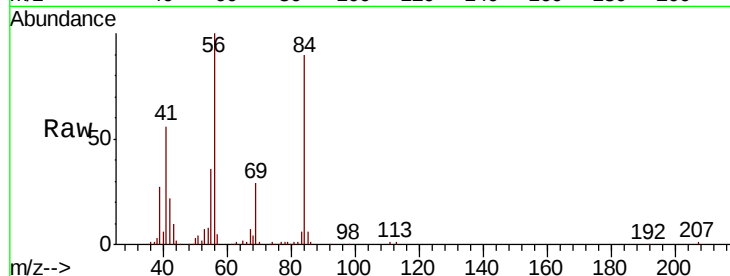
Tot Ion: 56 Resp: 100597

Ion Ratio Lower Upper

56 100

69 28.6 23.7 35.5

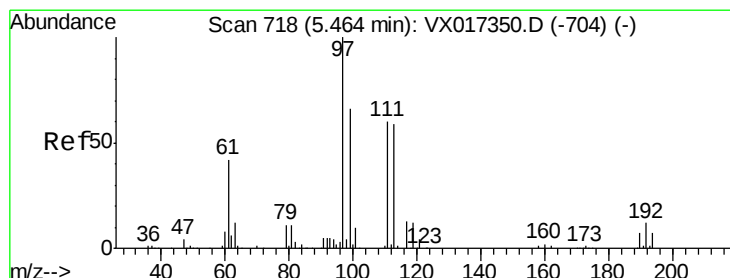
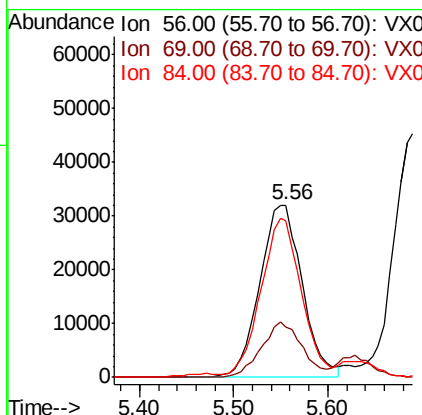
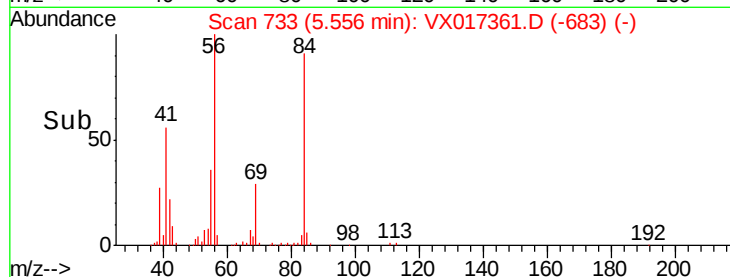
84 88.9 71.8 107.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.704 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

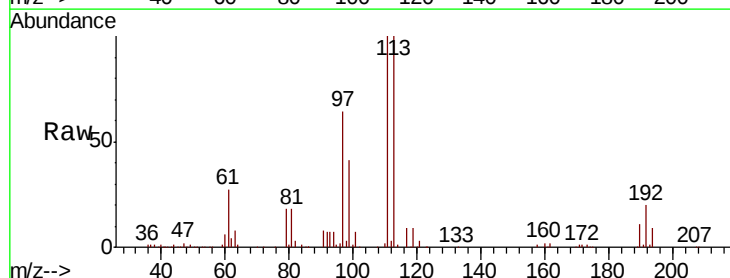
Tgt Ion: 97 Resp: 109590

Ion Ratio Lower Upper

97 100

99 66.2 51.2 76.8

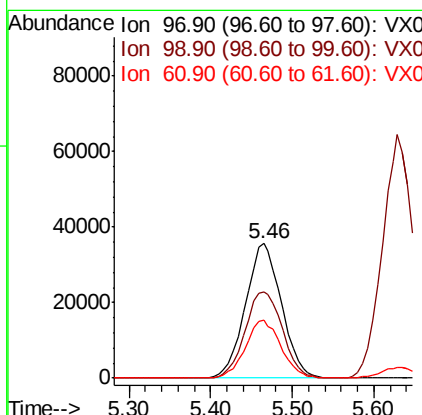
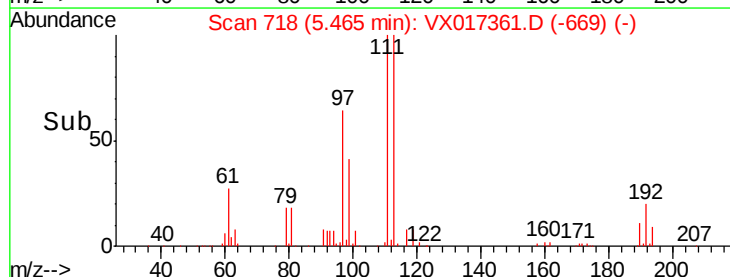
61 43.0 32.7 49.1

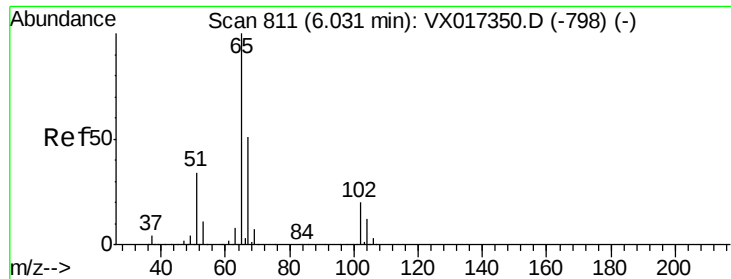


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.191 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

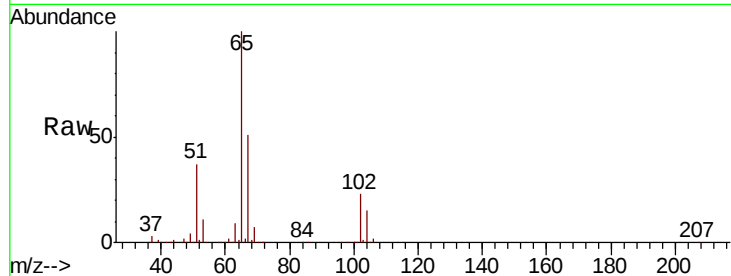
VX0713WBS01

Tot Ion: 65 Resp: 191593

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

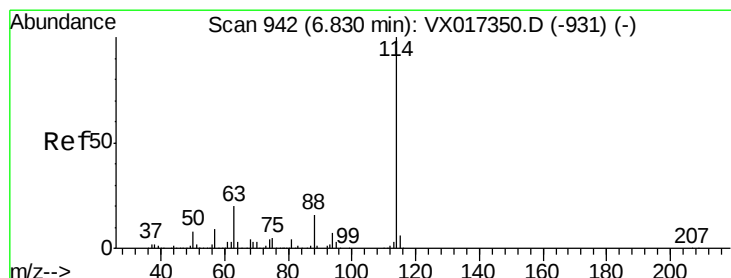
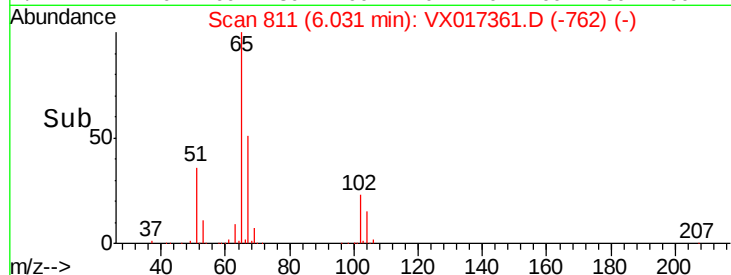
40000

20000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

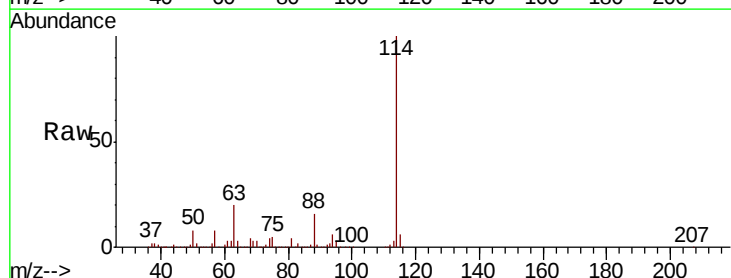
Tgt Ion: 114 Resp: 484491

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 15.8 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

250000

200000

150000

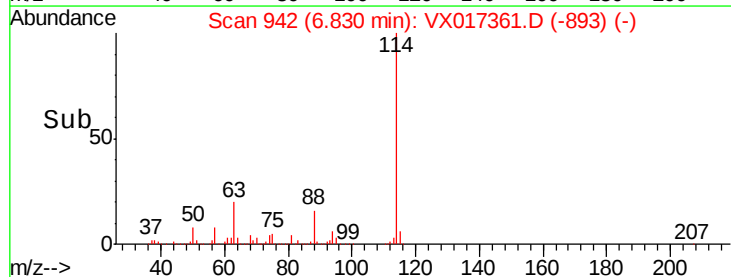
100000

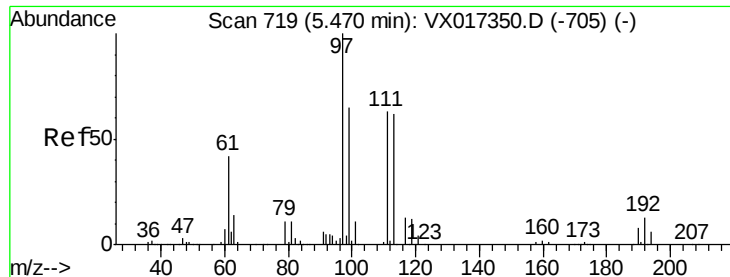
50000

0

Time-->

6.70 6.80 6.90 7.00

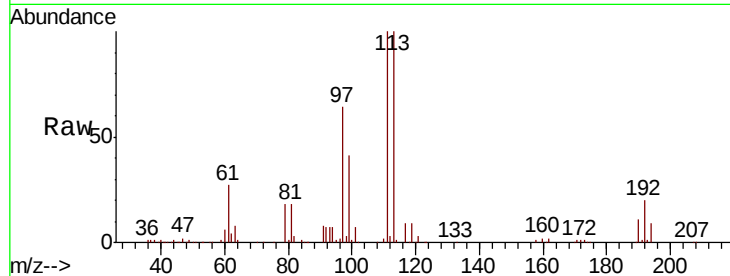




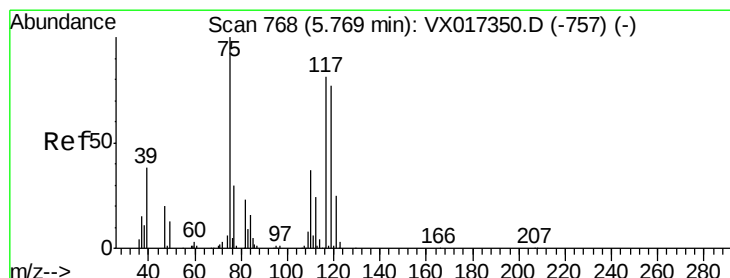
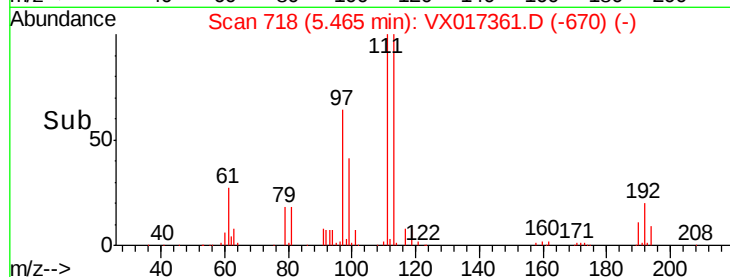
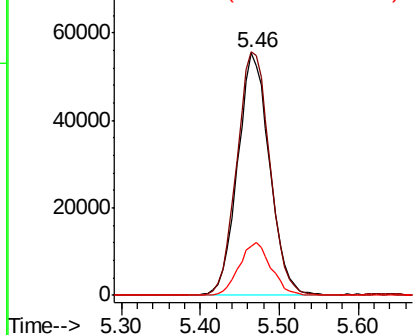
#35
 Dibromofluoromethane
 Concen: 47.811 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017361.D
 Acq: 13 Jul 2020 18:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.4	123.6
192	21.8	17.2	25.8

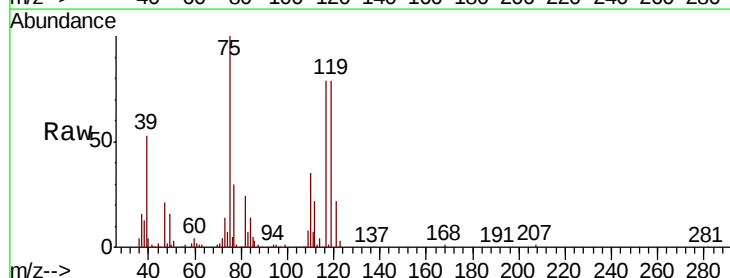


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

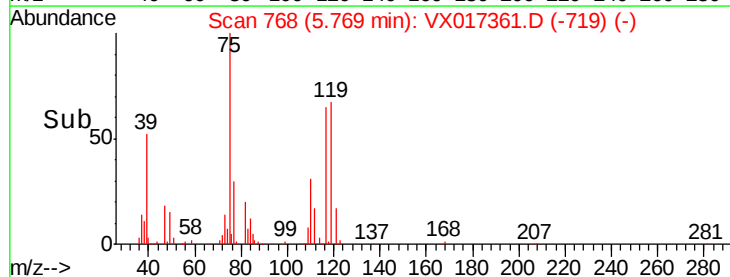
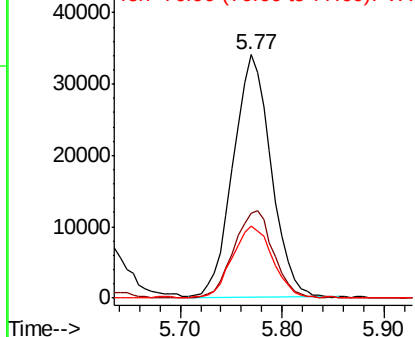


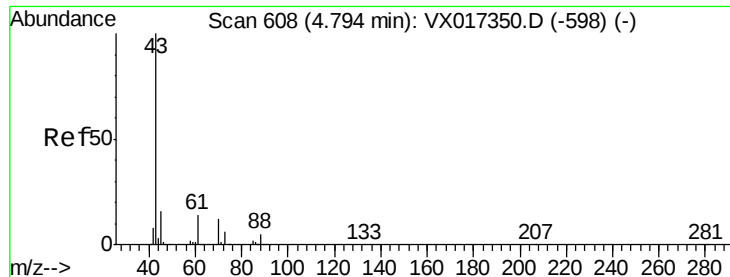
#36
 1,1-Dichloropropene
 Concen: 19.744 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017361.D
 Acq: 13 Jul 2020 18:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.6	55.8
77	31.3	24.9	37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

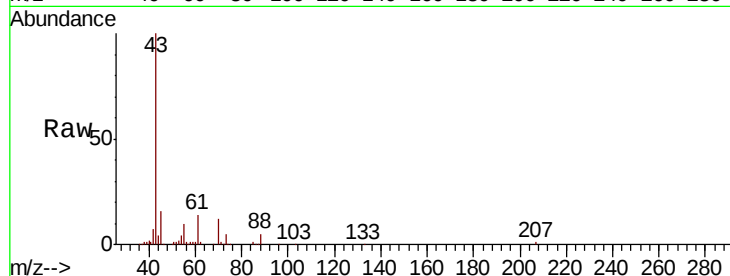




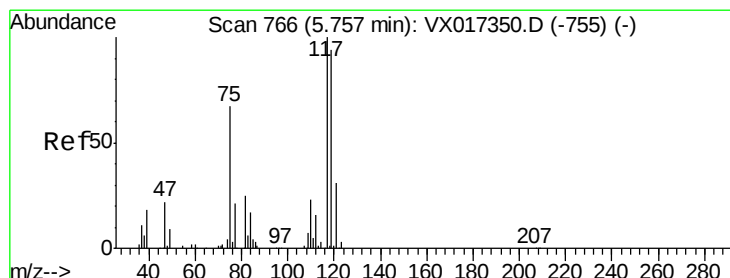
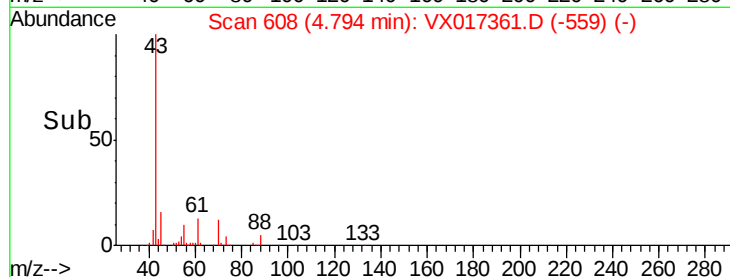
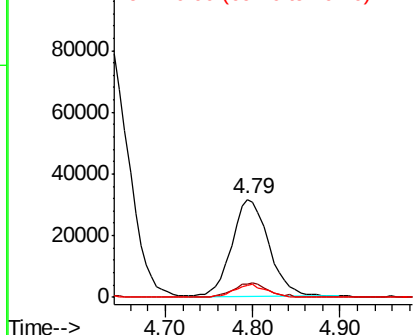
#37
Ethyl Acetate
Concen: 19.966 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

Instrument :
MSVOA_X
ClientSampled :
VX0713WBS01

Tot Ion: 43 Resp: 92017
Ion Ratio Lower Upper
43 100
61 14.7 10.7 16.1
70 11.8 9.0 13.6

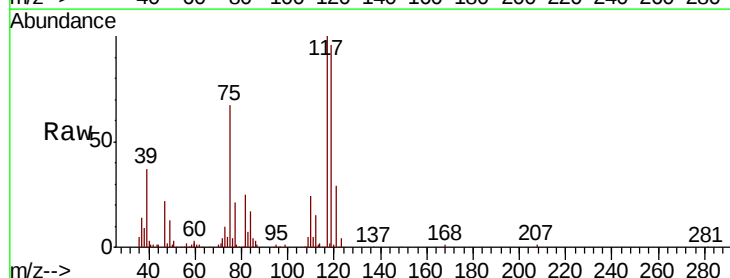


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

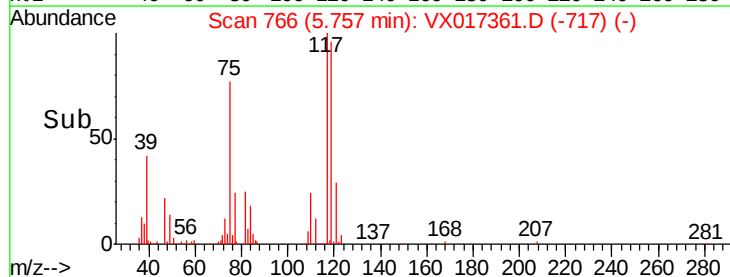
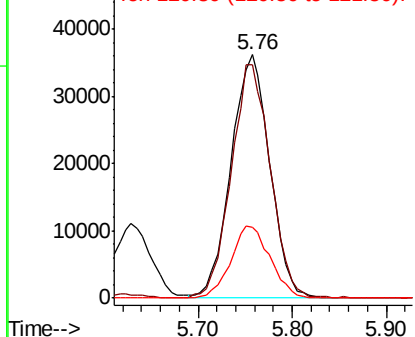


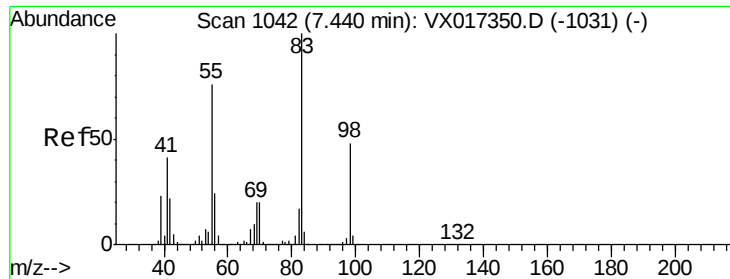
#38
Carbon Tetrachloride
Concen: 19.801 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

Tgt Ion: 117 Resp: 103315
Ion Ratio Lower Upper
117 100
119 95.6 74.7 112.1
121 29.3 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

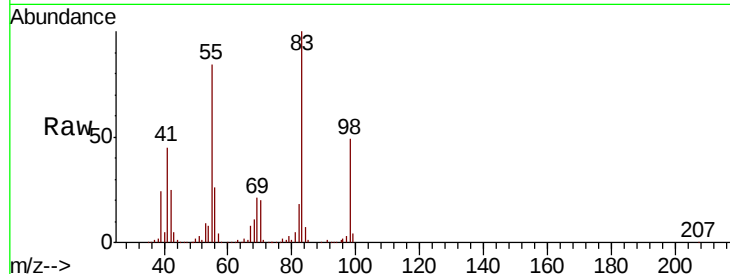




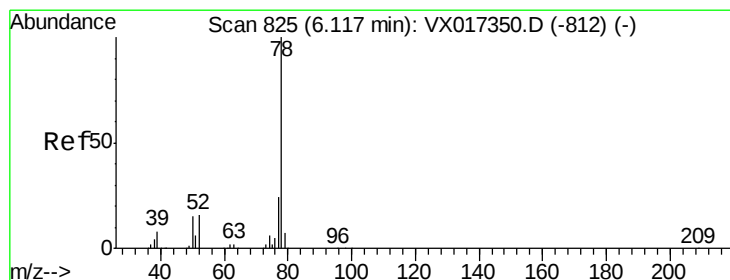
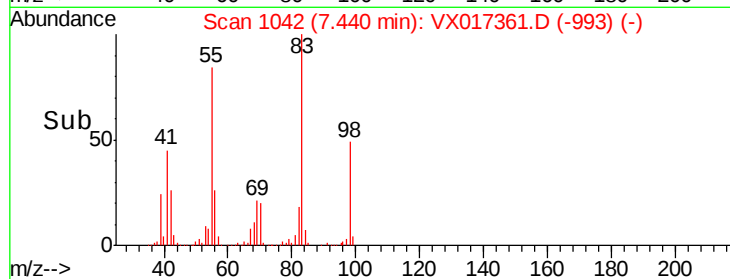
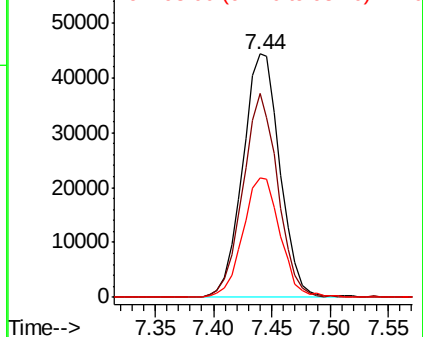
#39
Methvlcvclohexane
Concen: 20.433 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBS01

Tot Ion: 83 Resp: 98882
Ion Ratio Lower Upper
83 100
55 83.8 61.2 91.8
98 49.1 38.1 57.1

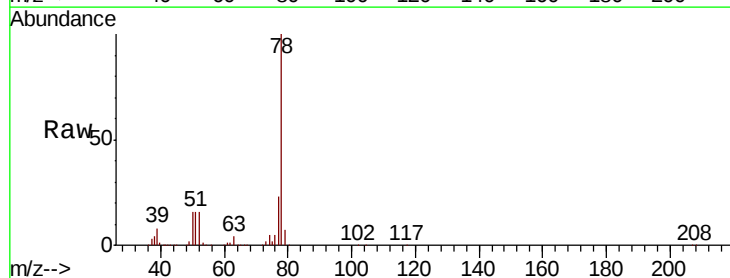


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

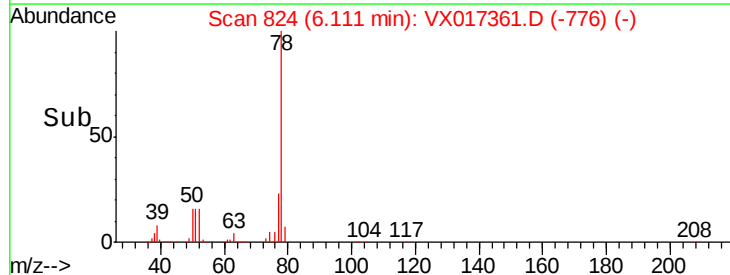
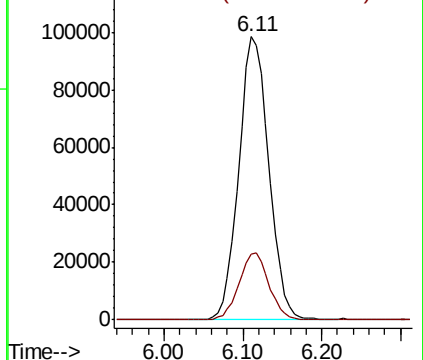


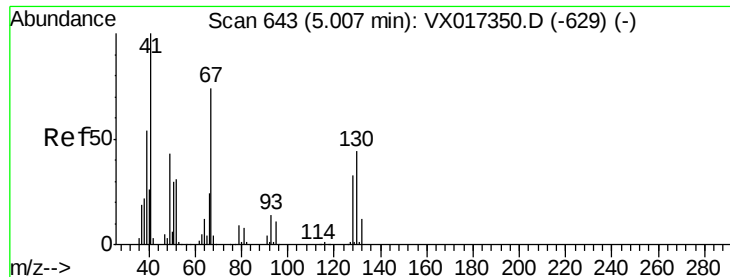
#40
Benzene
Concen: 20.431 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

Tgt Ion: 78 Resp: 261661
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3



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

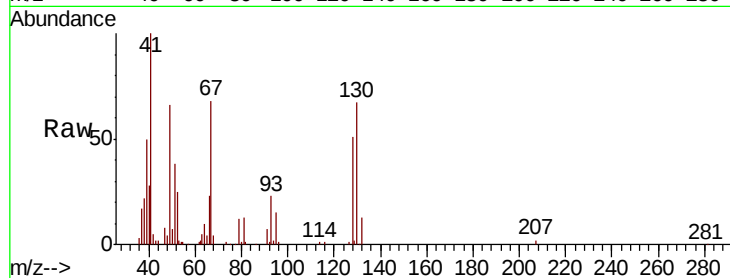




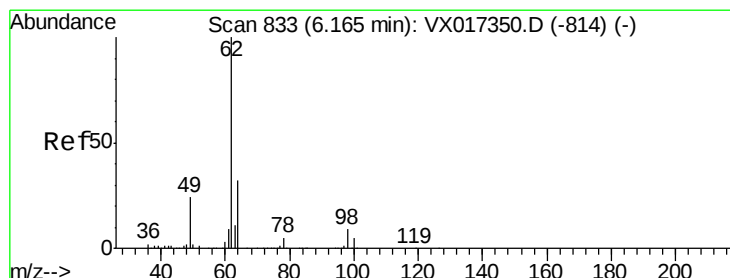
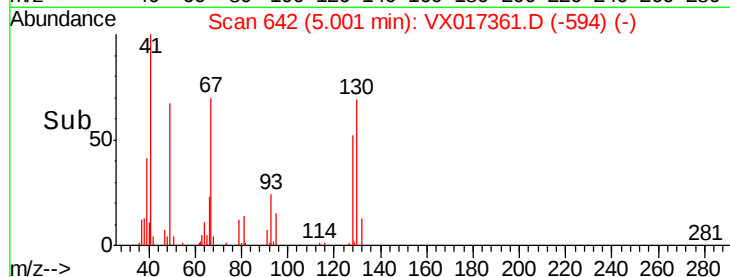
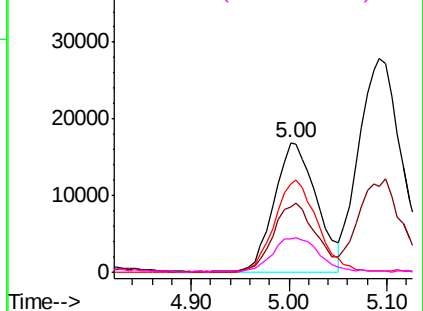
#41
Methacrylonitrile
Concen: 20.678 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBS01

Tot Ion:	41	Resp:	51160
Ion	Ratio	Lower	Upper
41	100		
39	52.6	43.8	65.8
67	71.9	58.7	88.1
52	29.4	24.9	37.3

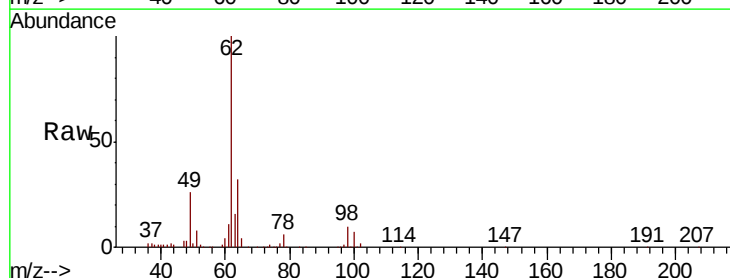


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

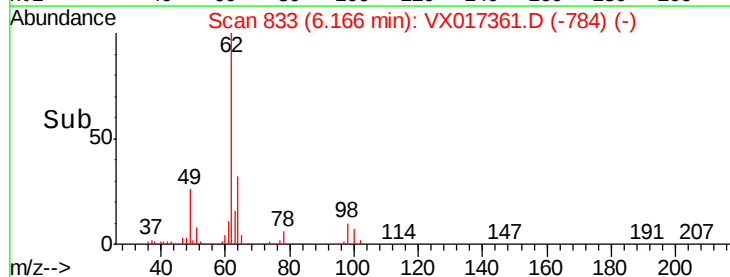
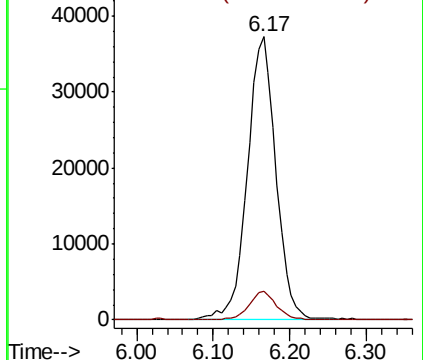


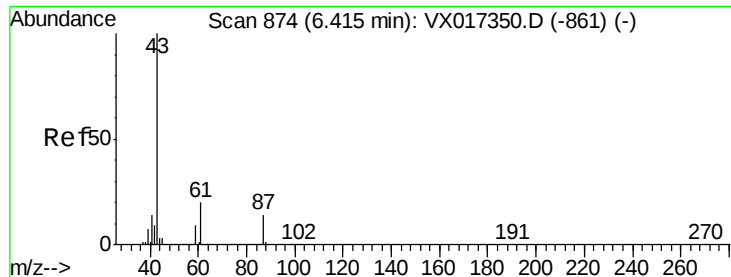
#42
1,2-Dichloroethane
Concen: 19.526 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

Tgt Ion:	62	Resp:	97161
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 20.057 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBS01

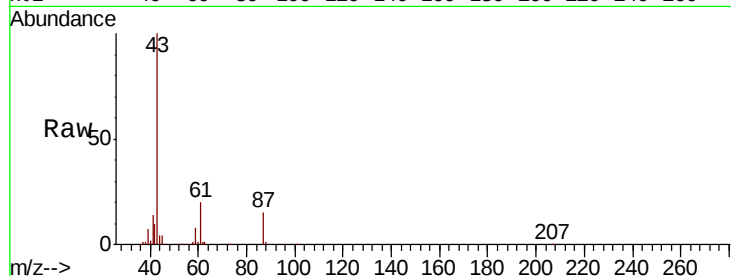
Tot Ion: 43 Resp: 147706

Ion Ratio Lower Upper

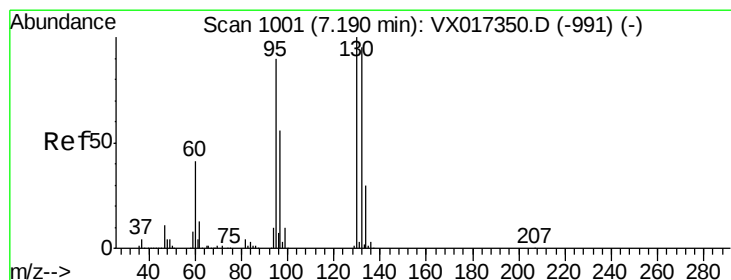
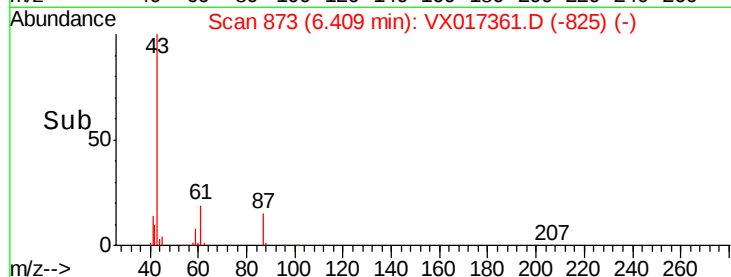
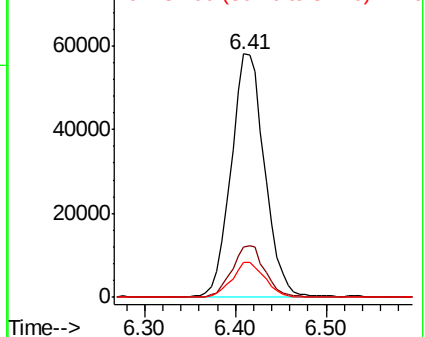
43 100

61 21.1 16.4 24.6

87 14.3 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.717 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017361.D

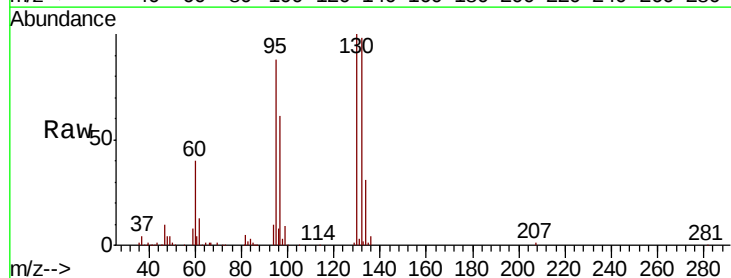
Acq: 13 Jul 2020 18:21

Tgt Ion:130 Resp: 77134

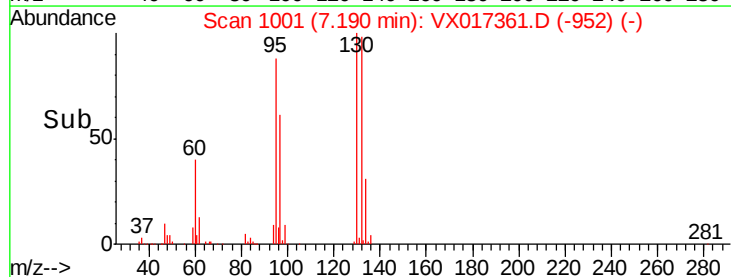
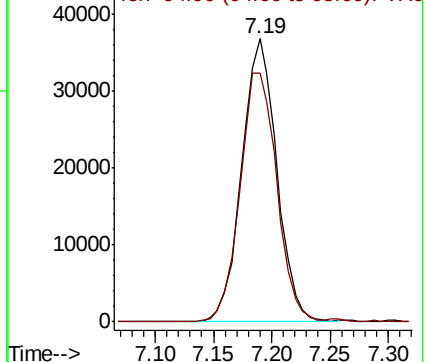
Ion Ratio Lower Upper

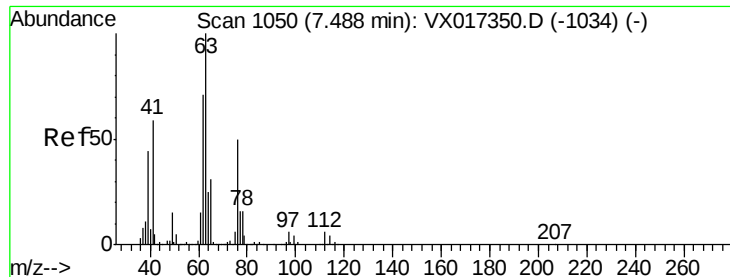
130 100

95 88.0 0.0 180.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.616 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

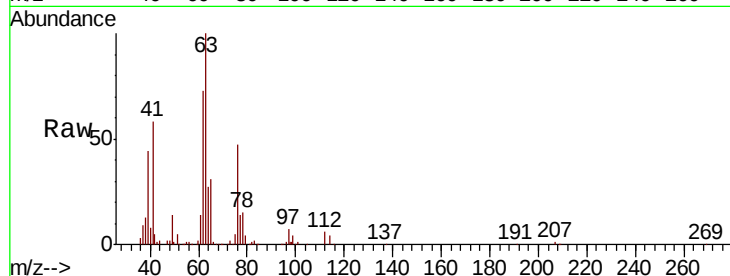
VX0713WBS01

Tot Ion: 63 Resp: 67561

Ion Ratio Lower Upper

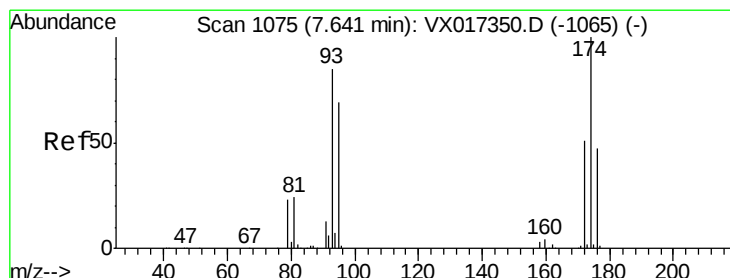
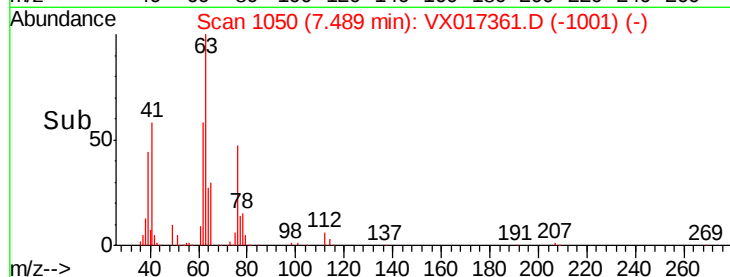
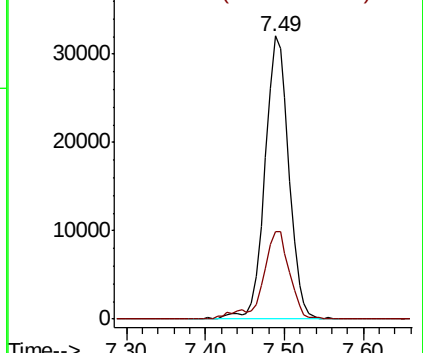
63 100

65 30.8 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.255 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

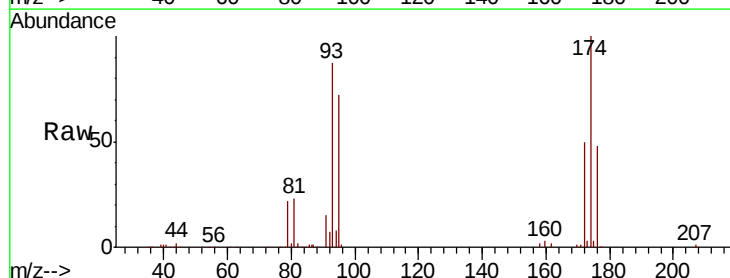
Tgt Ion: 93 Resp: 47872

Ion Ratio Lower Upper

93 100

95 82.1 65.4 98.2

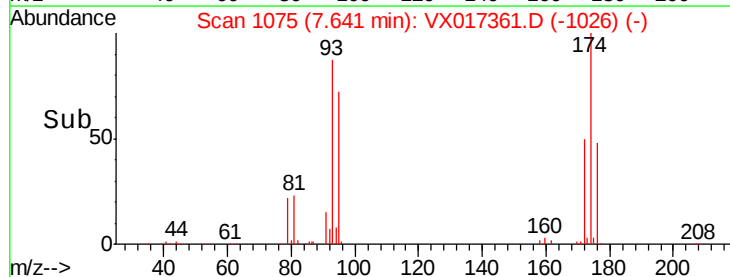
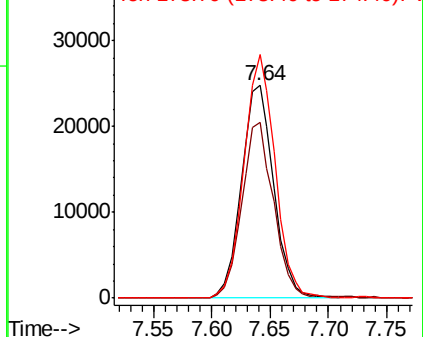
174 110.8 91.2 136.8

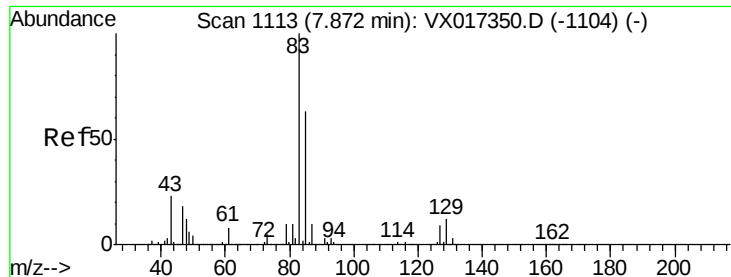


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.674 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBS01

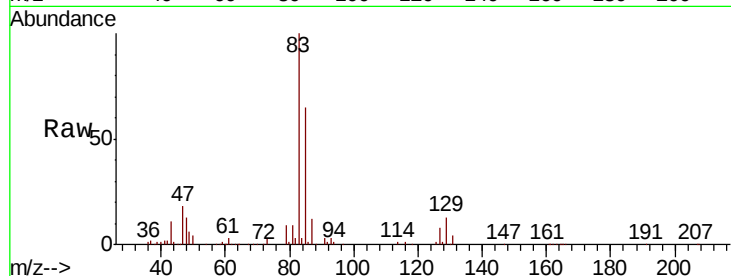
Tot Ion: 83 Resp: 97213

Ion Ratio Lower Upper

83 100

85 64.6 50.2 75.4

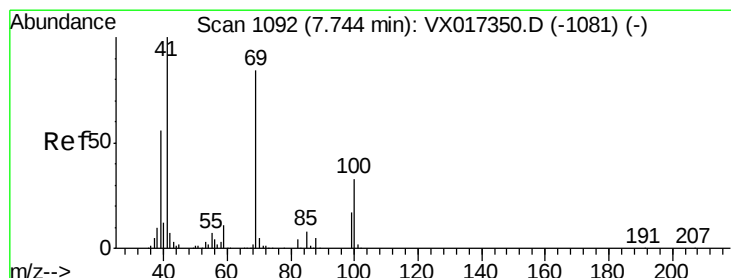
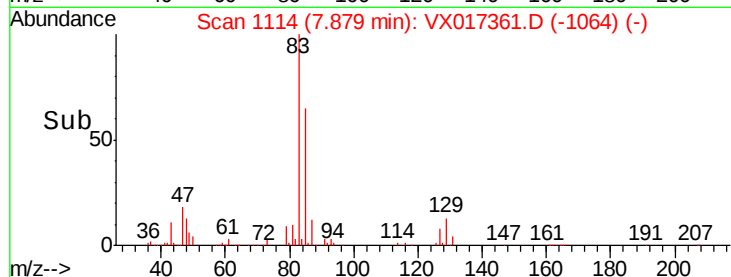
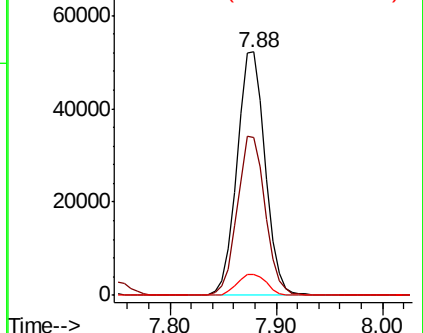
127 8.4 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.550 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

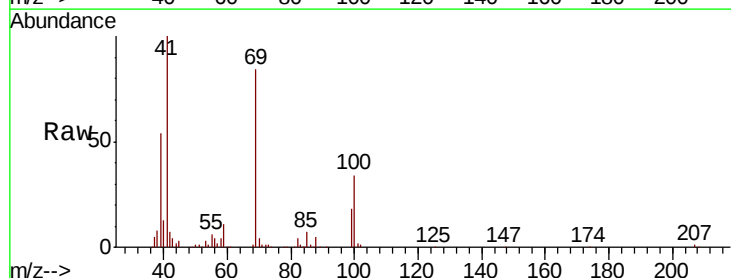
Tgt Ion: 41 Resp: 72622

Ion Ratio Lower Upper

41 100

69 83.6 67.8 101.6

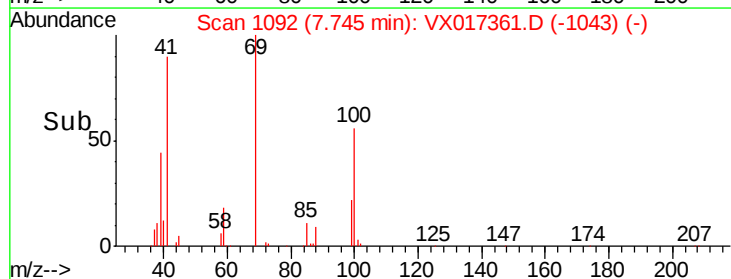
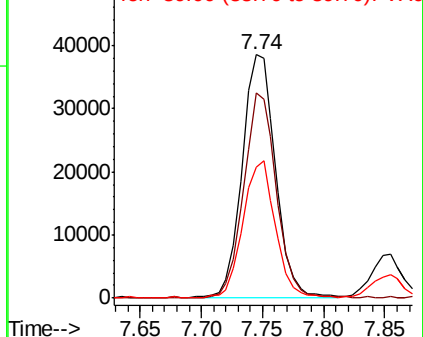
39 55.5 45.1 67.7

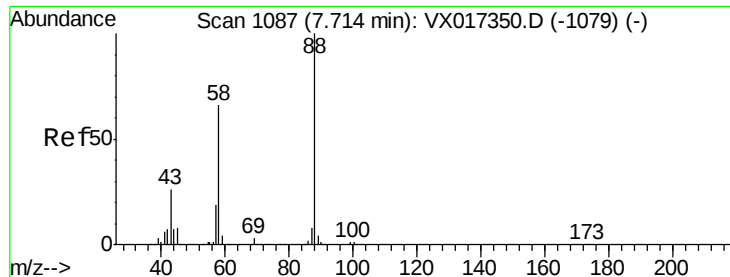


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

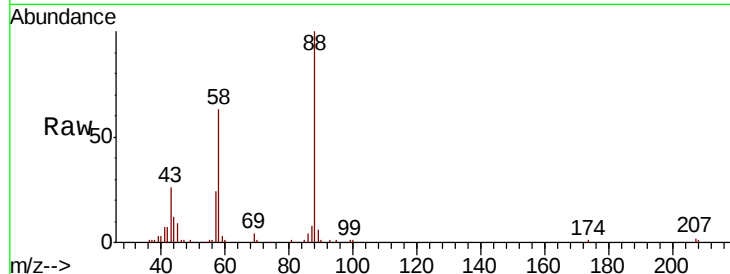




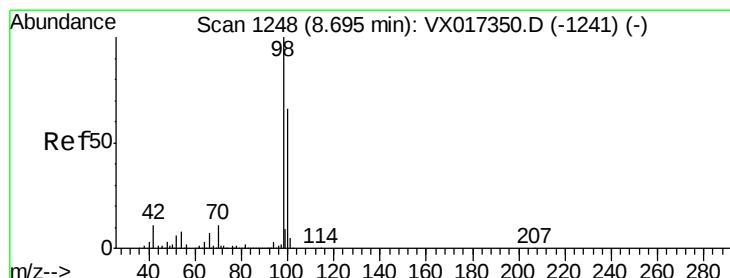
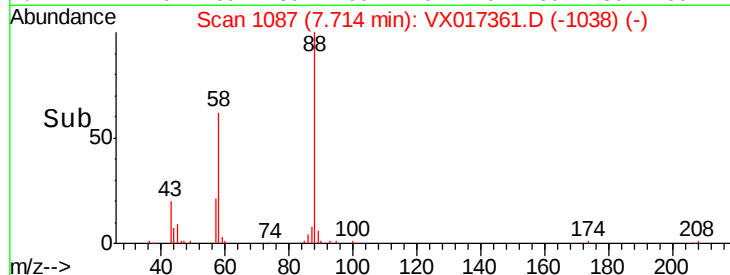
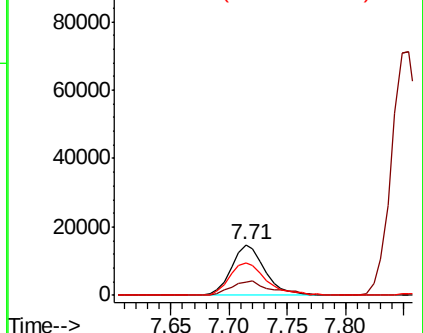
#49
1,4-Dioxane
Concen: 409.269 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBS01

Tot Ion: 88 Resp: 29598
Ion Ratio Lower Upper
88 100
43 34.0 25.6 38.4
58 70.8 53.9 80.9

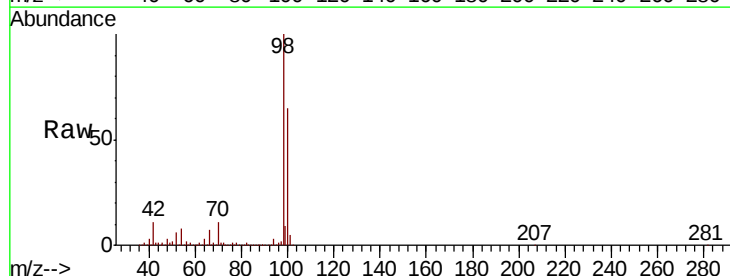


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

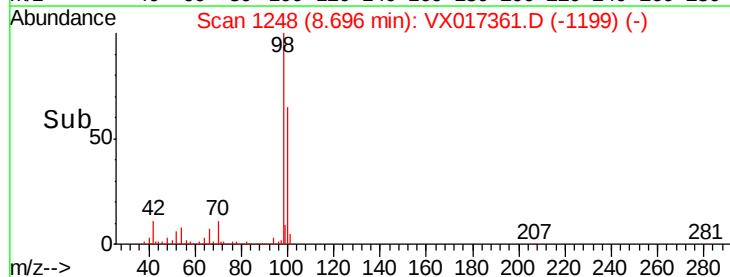
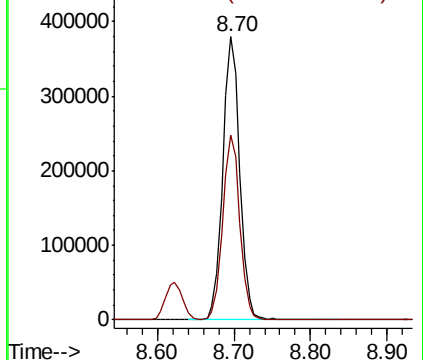


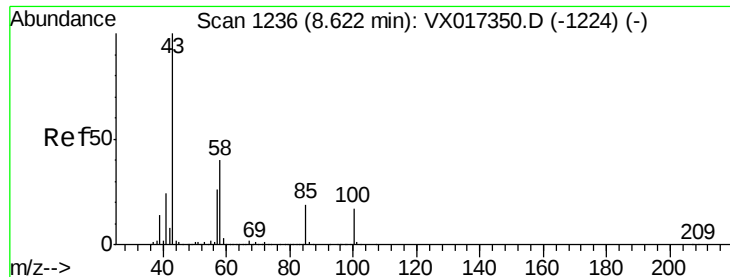
#50
Toluene-d8
Concen: 49.286 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

Tgt Ion: 98 Resp: 580216
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 105.322 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

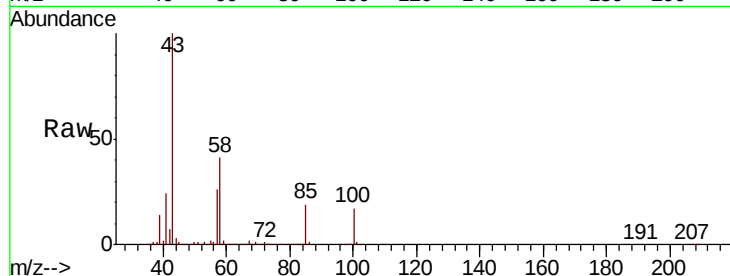
VX0713WBS01

Tot Ion: 43 Resp: 472934

Ion Ratio Lower Upper

43 100

58 39.4 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

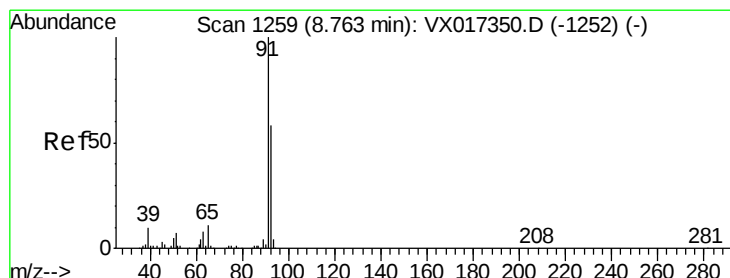
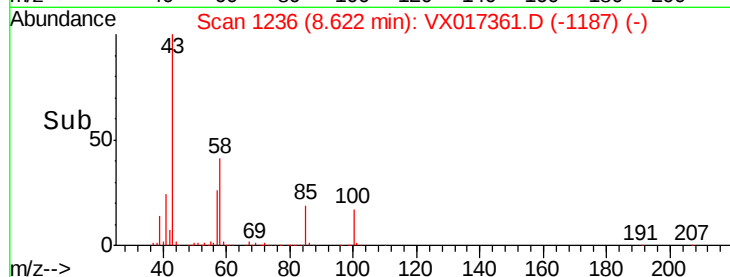
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.634 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017361.D

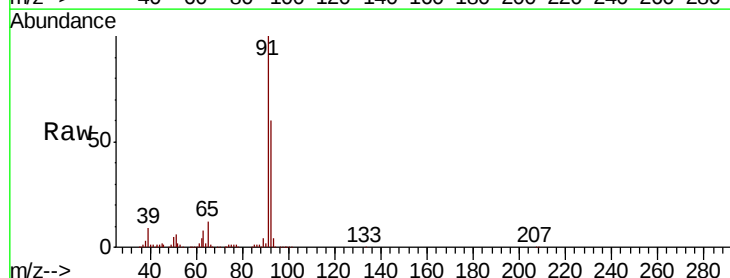
Acq: 13 Jul 2020 18:21

Tgt Ion: 92 Resp: 169586

Ion Ratio Lower Upper

92 100

91 169.4 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

200000

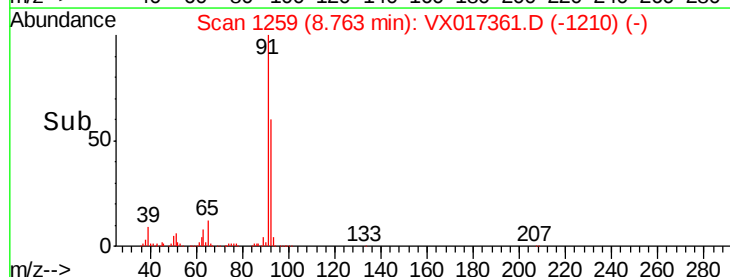
150000

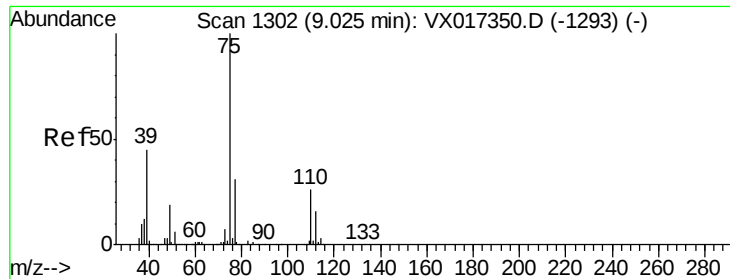
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.515 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

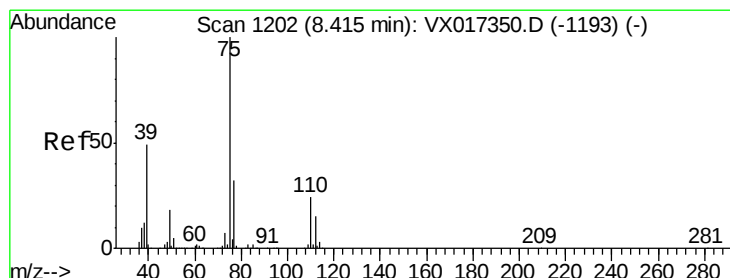
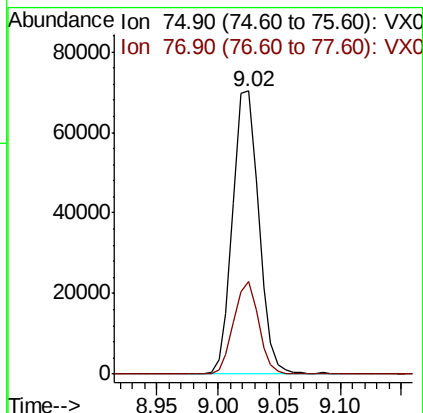
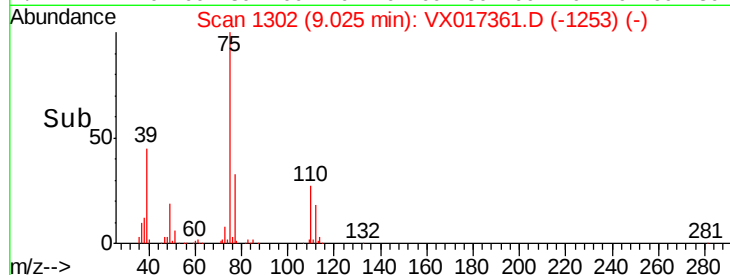
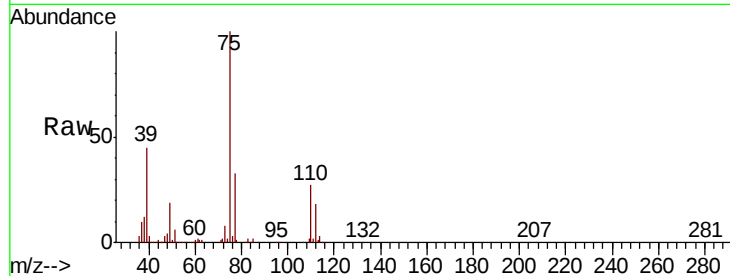
VX0713WBS01

Tot Ion: 75 Resp: 103881

Ion Ratio Lower Upper

75 100

77 32.8 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.921 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

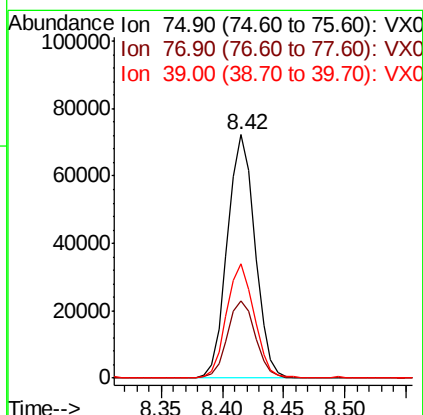
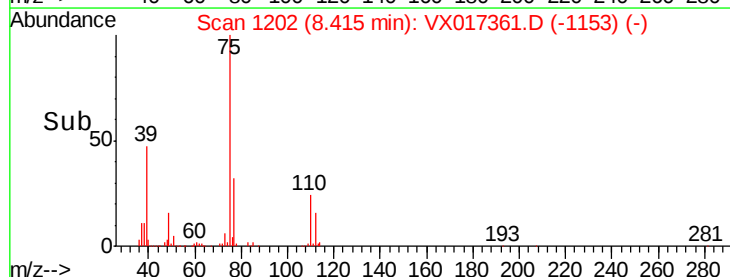
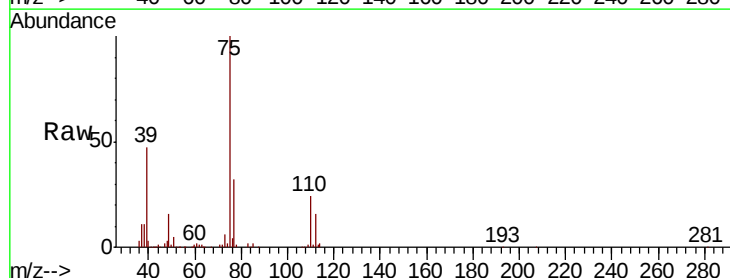
Tgt Ion: 75 Resp: 113104

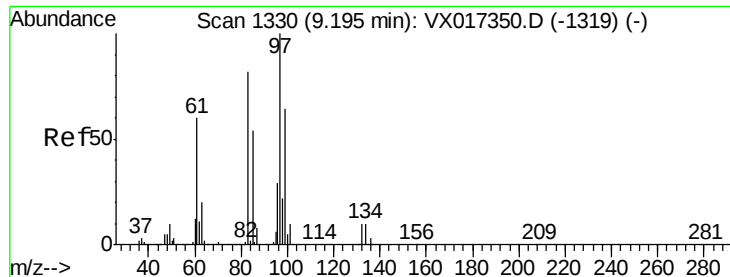
Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

39 47.1 38.9 58.3

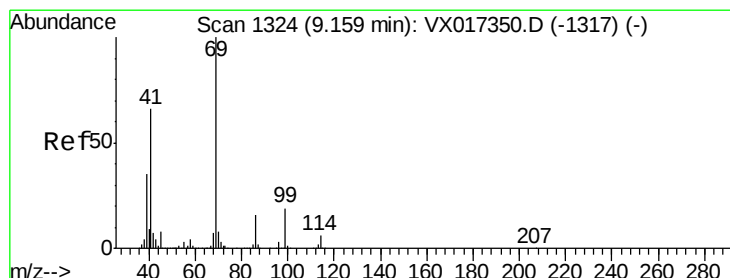
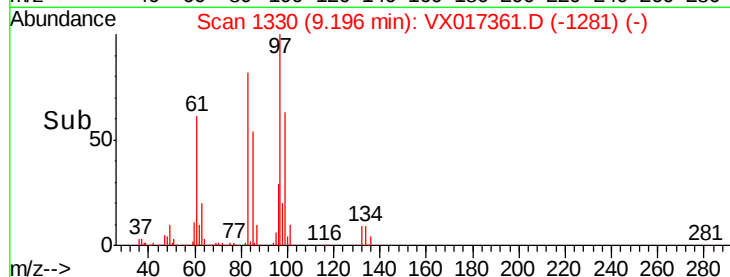
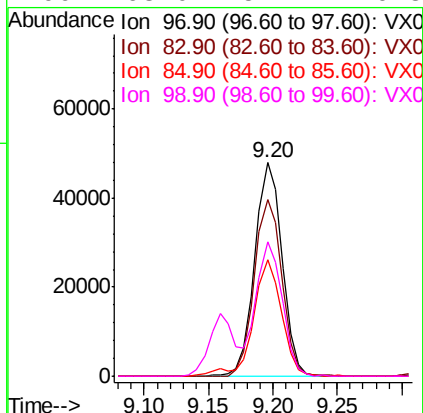
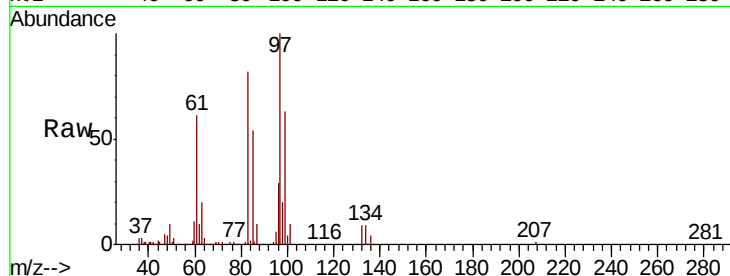




#55
 1,1,2-Trichloroethane
 Concen: 20.440 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017361.D
 Acq: 13 Jul 2020 18:21

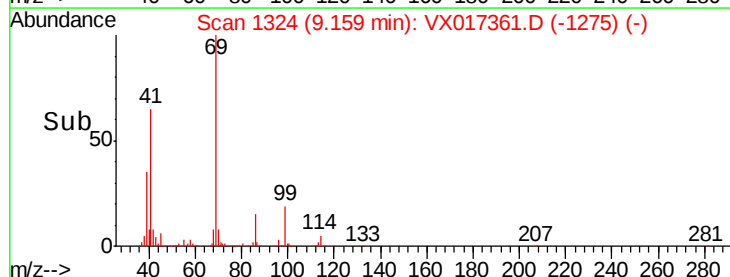
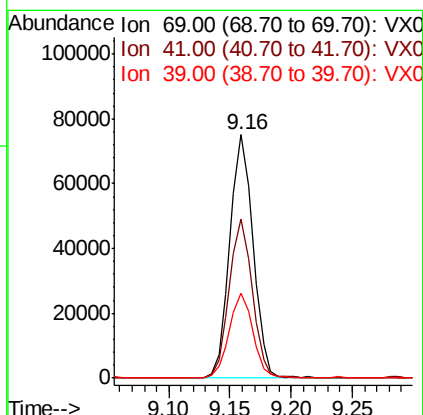
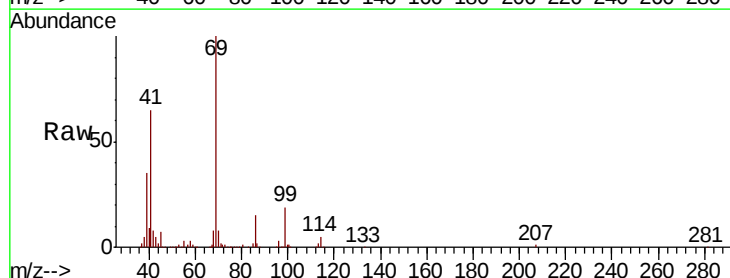
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

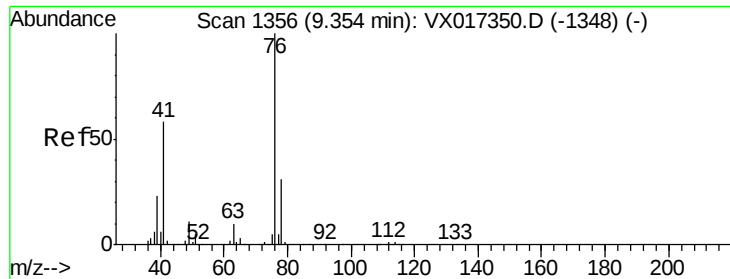
Tot Ion:	97	Resp:	70050
Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.8	98.6
85	54.1	42.8	64.2
99	63.0	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 20.325 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017361.D
 Acq: 13 Jul 2020 18:21

Tgt Ion:	69	Resp:	98892
Ion	Ratio	Lower	Upper
69	100		
41	64.8	52.6	78.8
39	35.0	28.8	43.2





#57

1,3-Dichloropropane

Concen: 20.100 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

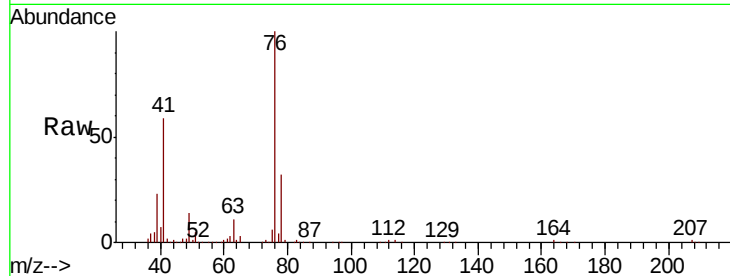
VX0713WBS01

Tot Ion: 76 Resp: 114584

Ion Ratio Lower Upper

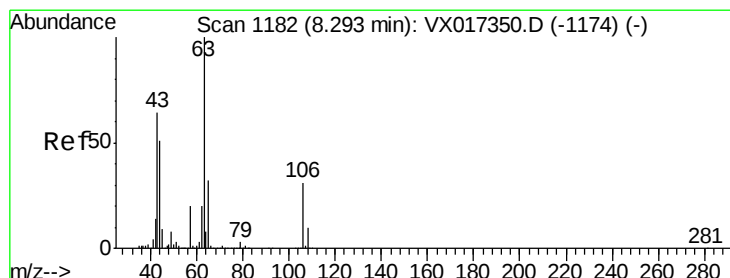
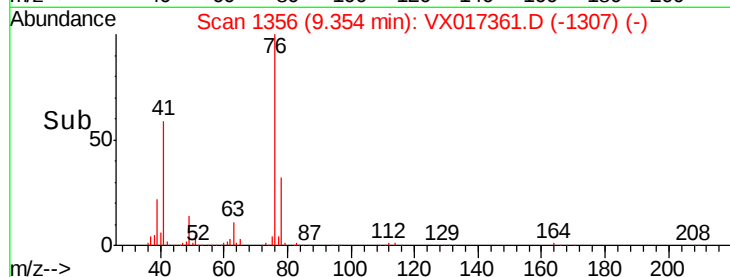
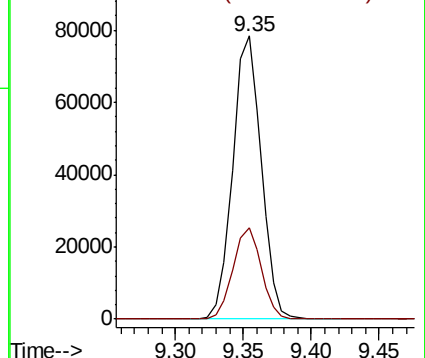
76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 103.415 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017361.D

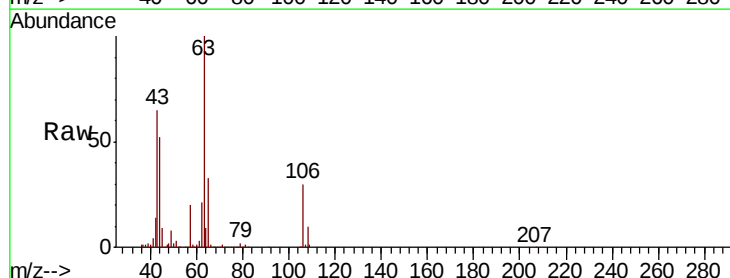
Acq: 13 Jul 2020 18:21

Tgt Ion: 63 Resp: 255490

Ion Ratio Lower Upper

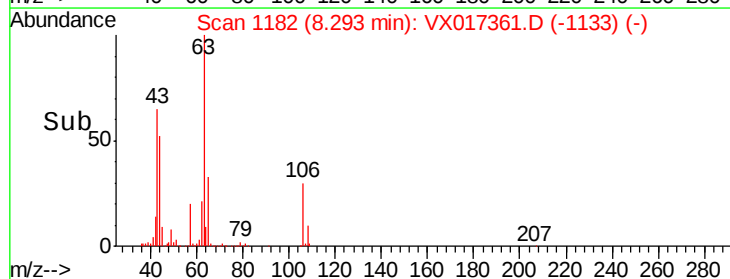
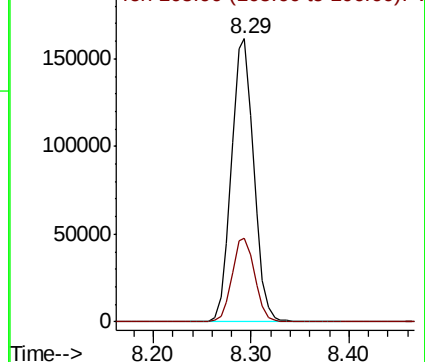
63 100

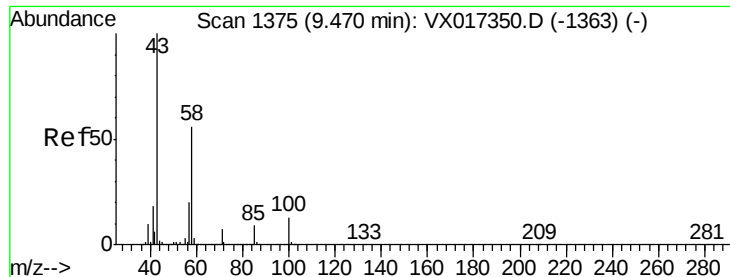
106 30.1 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

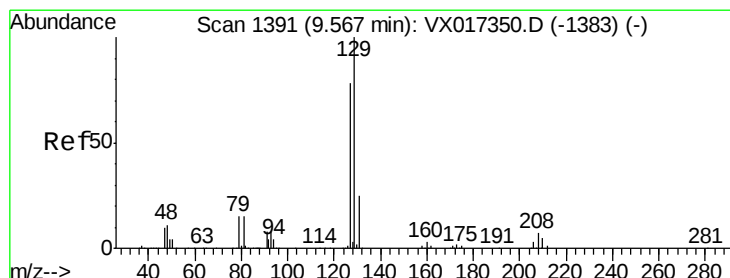
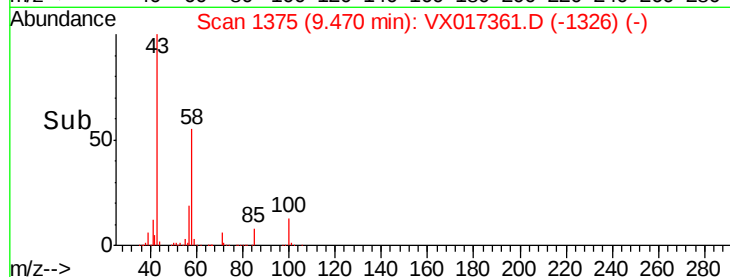
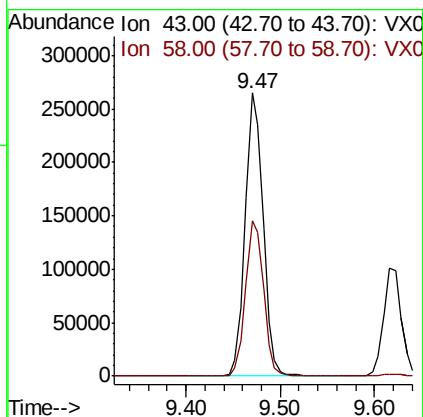
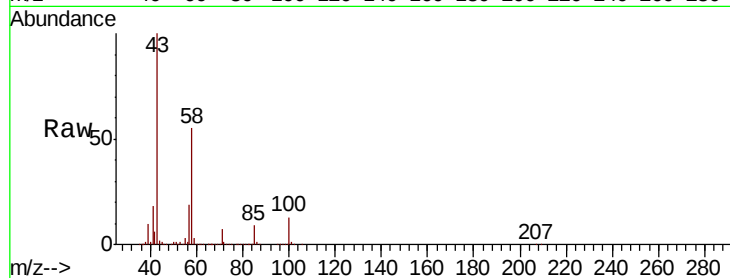




#59
2-Hexanone
Concen: 104.092 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

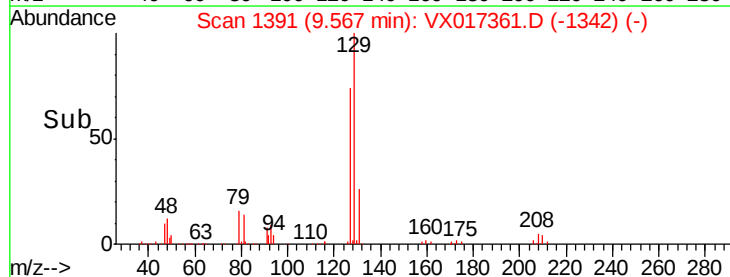
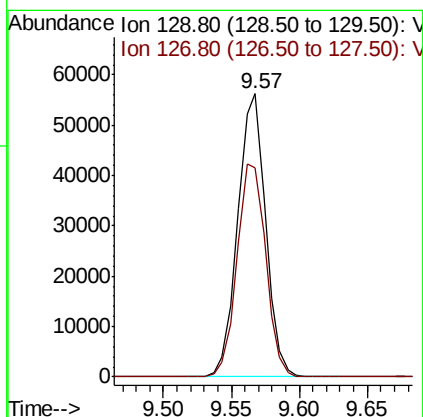
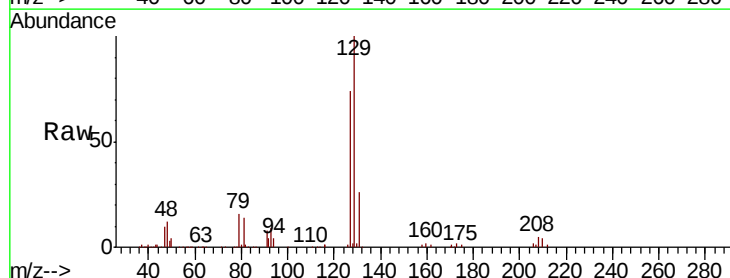
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBS01

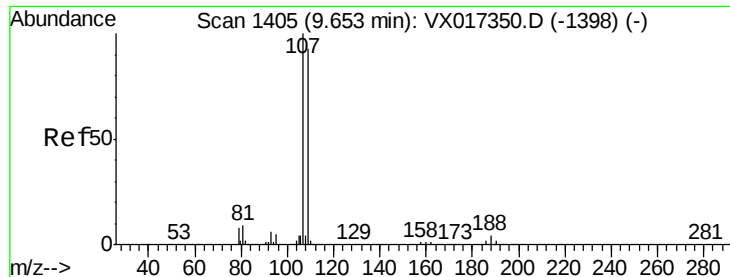
Tot Ion: 43 Resp: 352781
Ion Ratio Lower Upper
43 100
58 55.3 28.1 84.3



#60
Dibromochloromethane
Concen: 19.194 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

Tgt Ion: 129 Resp: 80360
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.6

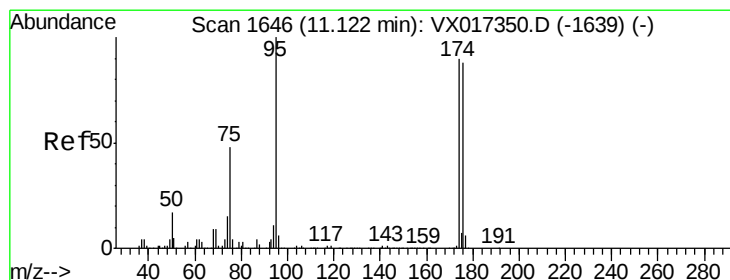
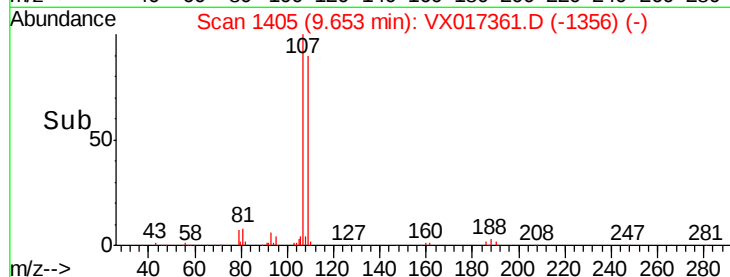
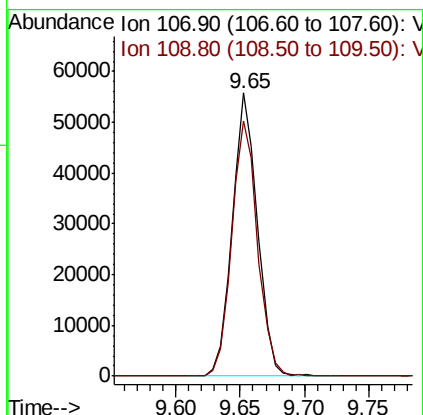
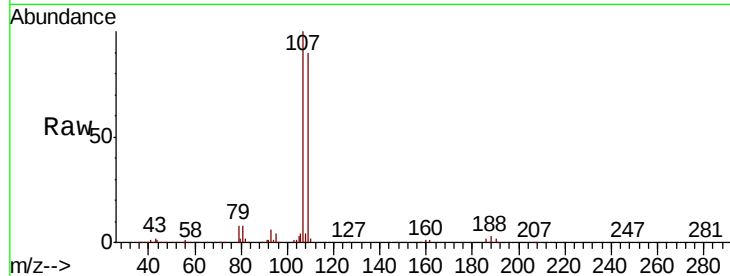




#61
 1,2-Dibromoethane
 Concen: 20.316 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX017361.D
 Acq: 13 Jul 2020 18:21

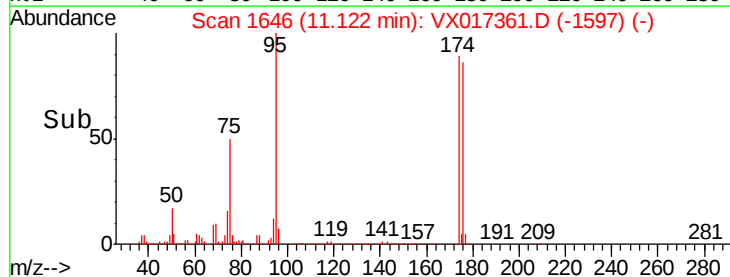
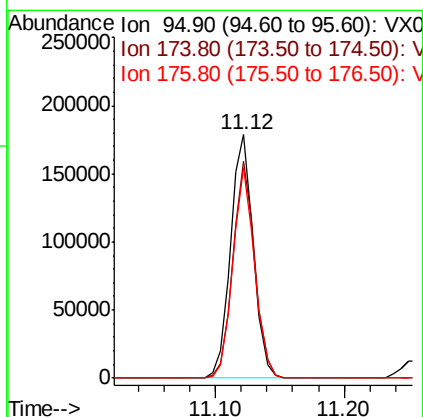
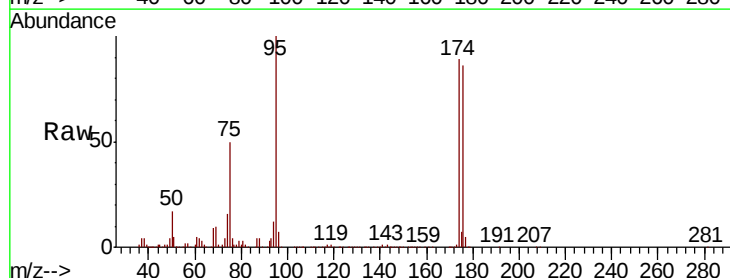
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

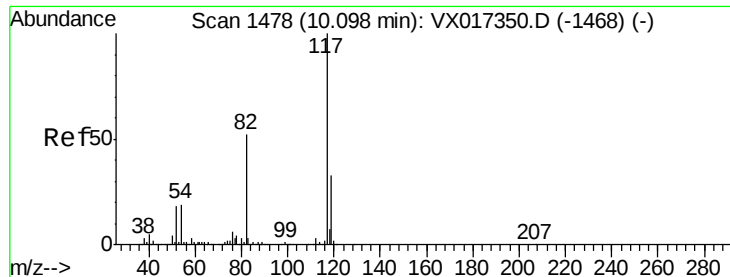
Tot Ion:107 Resp: 75743
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 47.067 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX017361.D
 Acq: 13 Jul 2020 18:21

Tgt Ion: 95 Resp: 220096
 Ion Ratio Lower Upper
 95 100
 174 86.3 0.0 175.8
 176 82.8 0.0 164.6

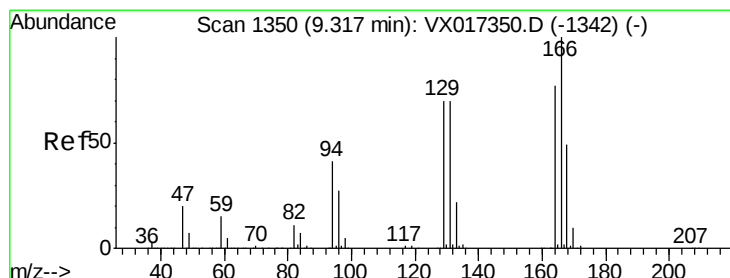
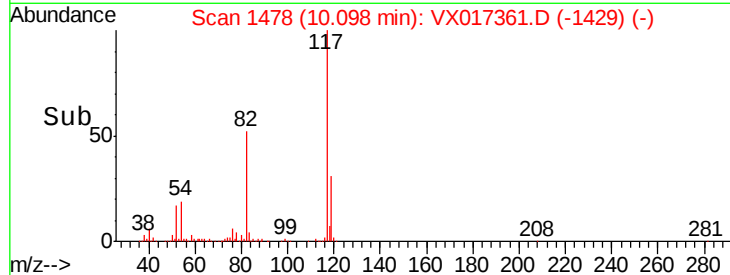
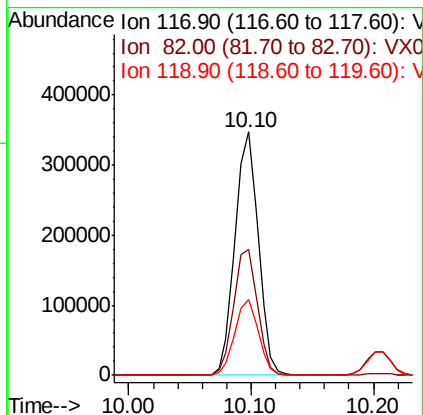
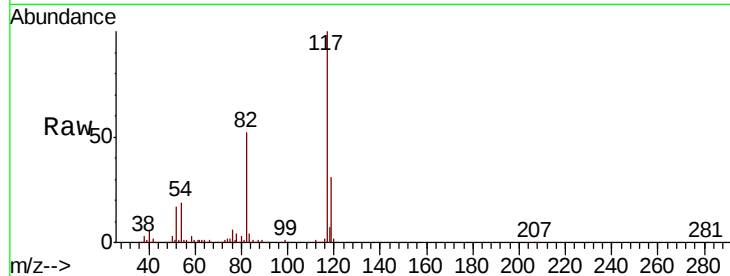




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

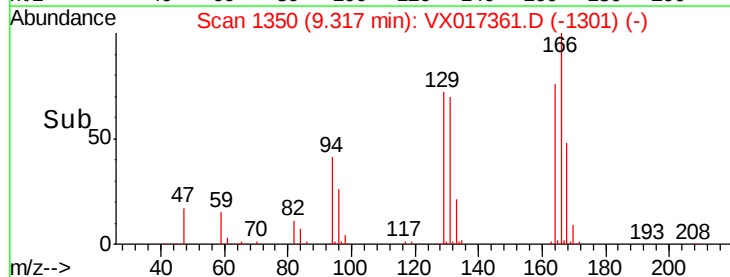
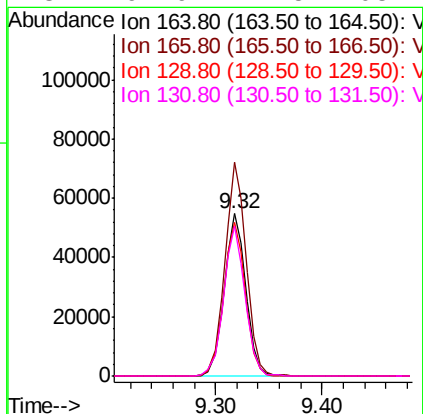
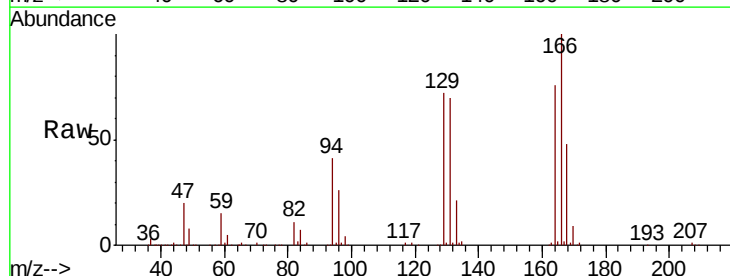
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBS01

Tot Ion:117 Resp: 456996
Ion Ratio Lower Upper
117 100
82 51.7 42.0 63.0
119 31.3 26.3 39.5



#64
Tetrachloroethene
Concen: 19.542 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

Tgt Ion:164 Resp: 77296
Ion Ratio Lower Upper
164 100
166 131.5 103.9 155.9
129 94.4 72.9 109.3
131 91.9 72.5 108.7

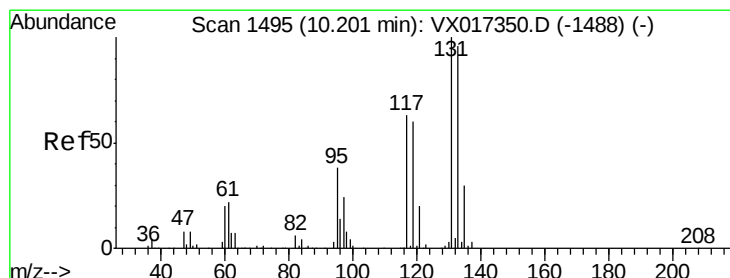
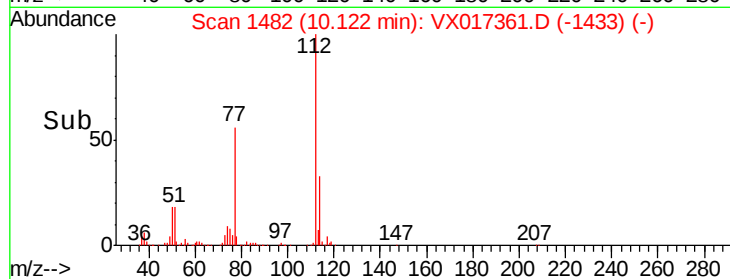
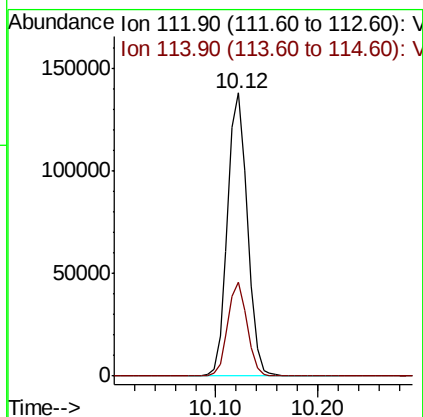
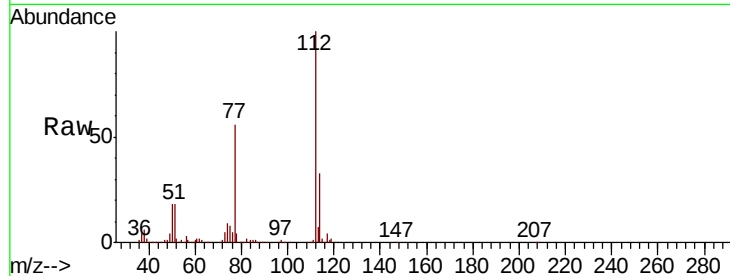




#65
Chlorobenzene
Concen: 20.071 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

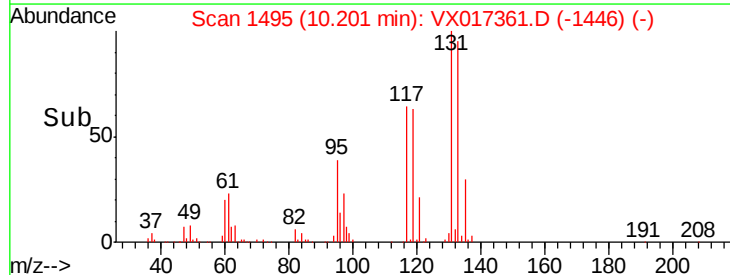
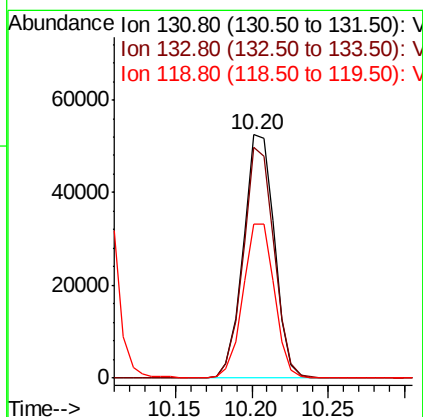
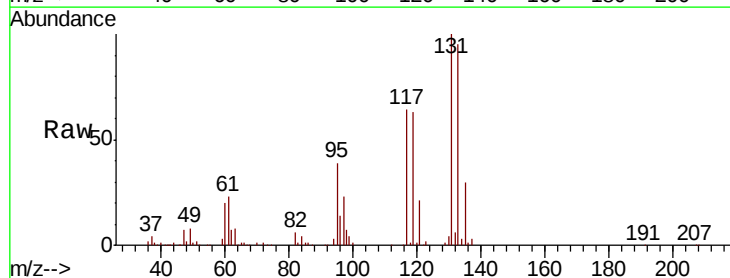
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBS01

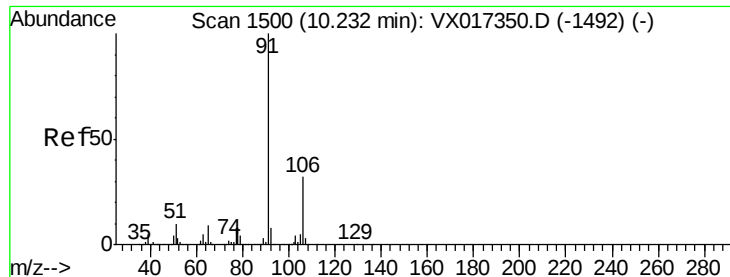
Tot Ion:112 Resp: 186406
Ion Ratio Lower Upper
112 100
114 33.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.007 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

Tgt Ion:131 Resp: 73975
Ion Ratio Lower Upper
131 100
133 94.2 48.4 145.2
119 64.1 31.2 93.6

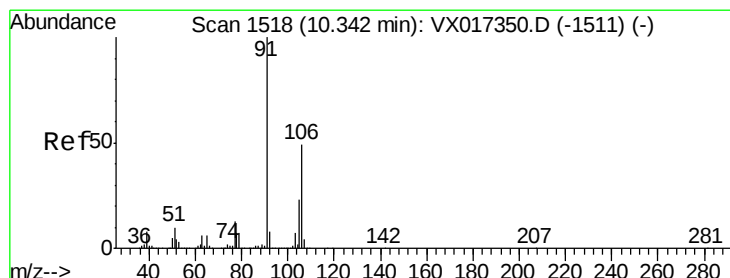
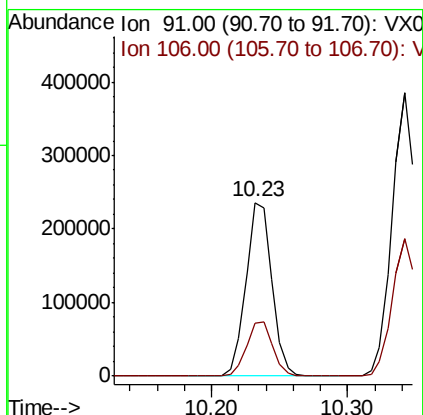
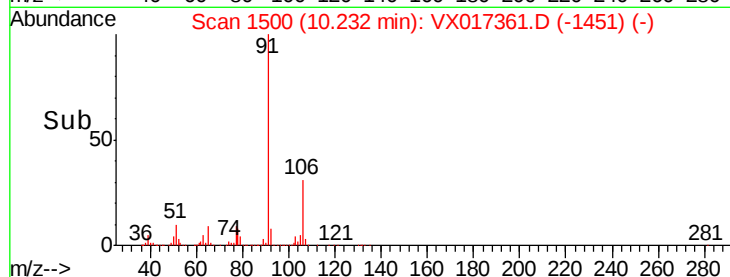
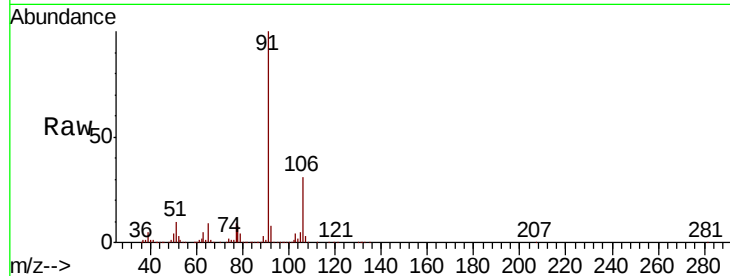




#67
Ethyl Benzene
Concen: 20.398 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

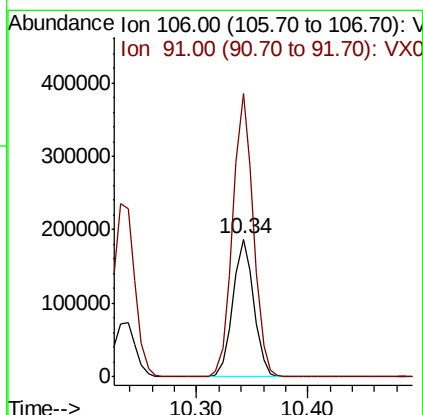
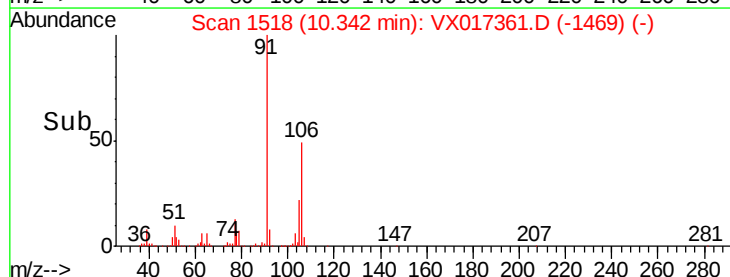
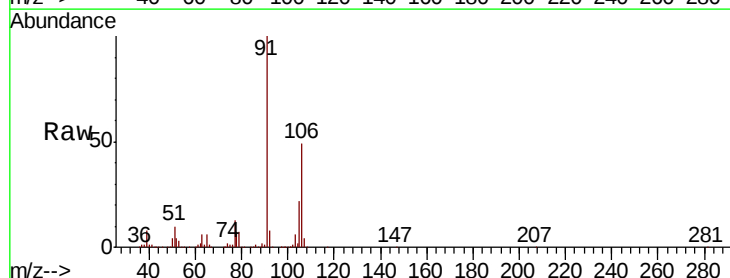
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBS01

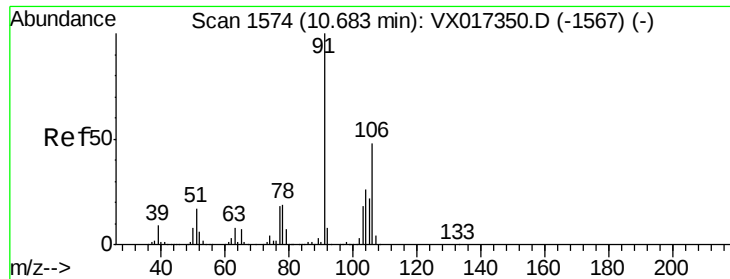
Tot Ion: 91 Resp: 315366
Ion Ratio Lower Upper
91 100
106 30.5 25.7 38.5



#68
m/p-Xylenes
Concen: 41.430 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

Tgt Ion: 106 Resp: 243711
Ion Ratio Lower Upper
106 100
91 202.2 162.5 243.7

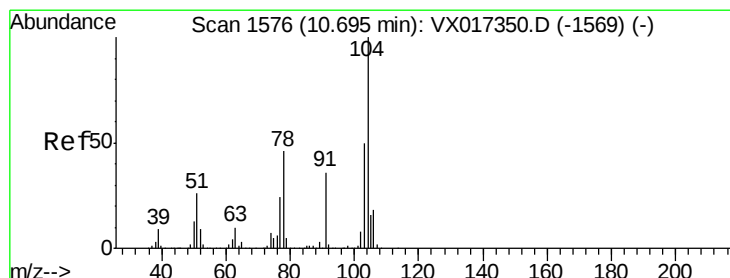
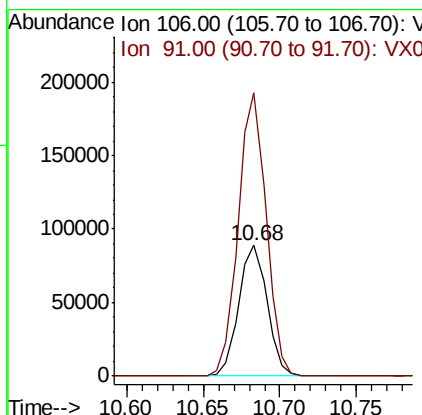
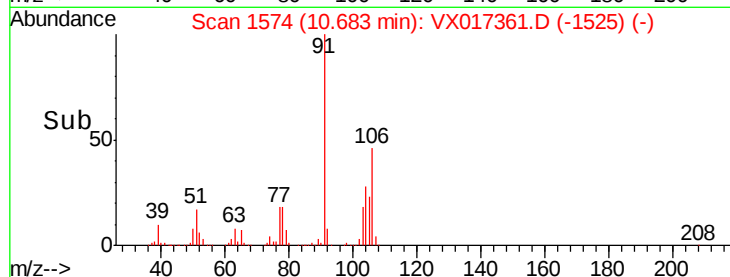
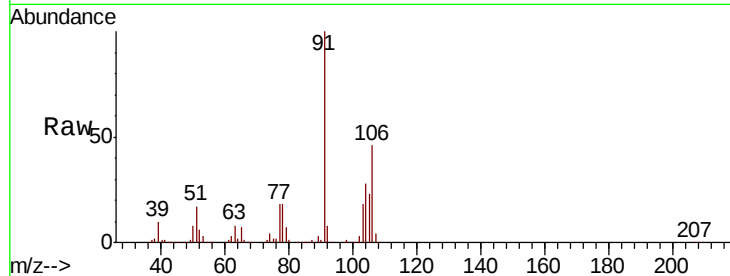




#69
o-Xylene
Concen: 20.395 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

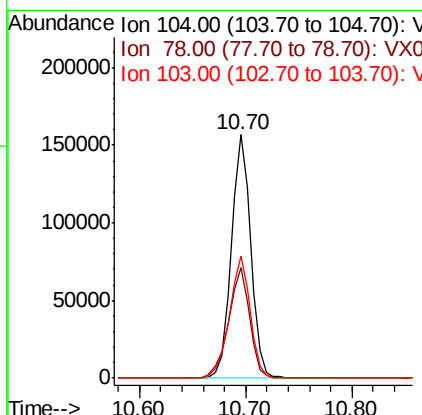
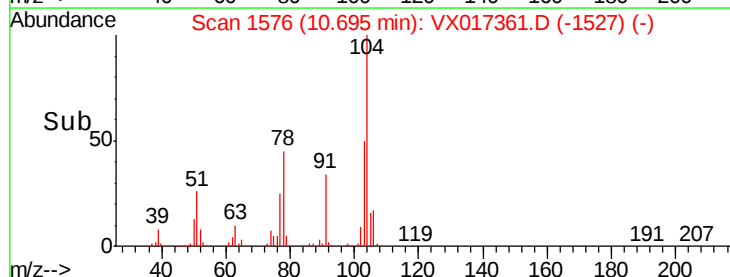
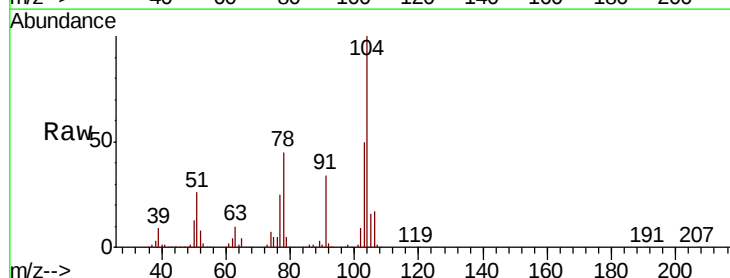
Instrument :
MSVOA_X
ClientSampled :
VX0713WBS01

Tot Ion:106 Resp: 114640
Ion Ratio Lower Upper
106 100
91 213.0 106.1 318.1



#70
Styrene
Concen: 20.837 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

Tgt Ion:104 Resp: 201050
Ion Ratio Lower Upper
104 100
78 49.2 40.8 61.2
103 53.4 43.3 64.9





#71

Bromoform

Concen: 19.799 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBS01

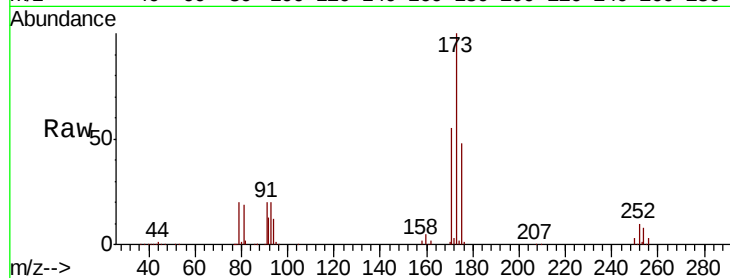
Tot Ion:173 Resp: 61775

Ion Ratio Lower Upper

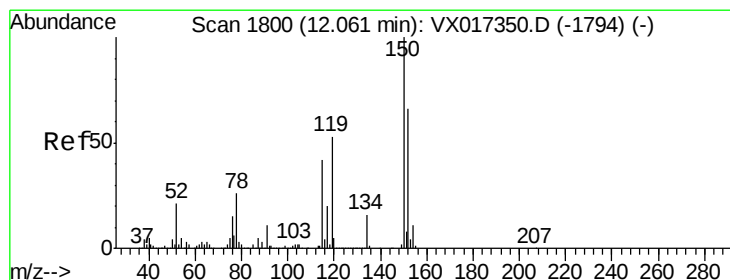
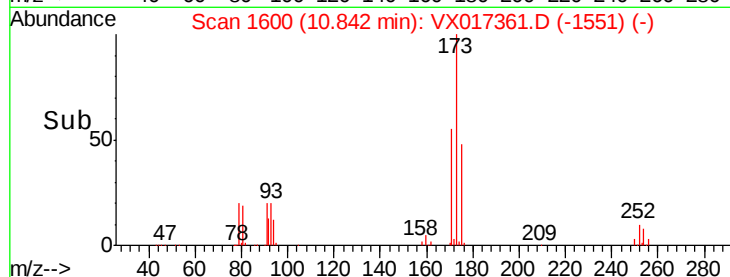
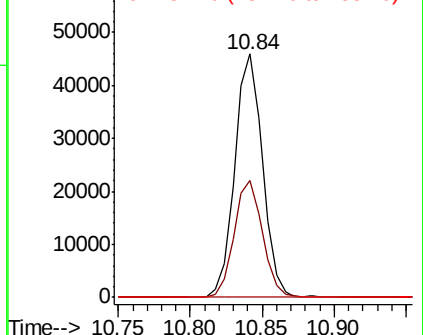
173 100

175 49.0 24.7 74.1

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

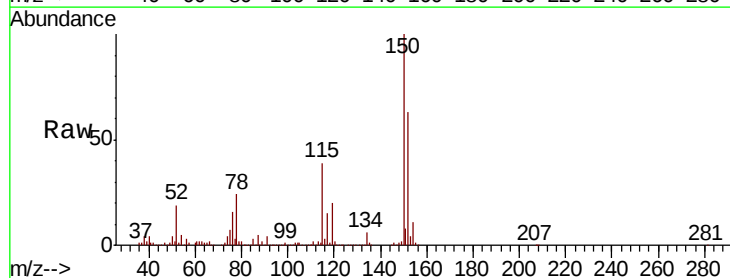
Tgt Ion:152 Resp: 244349

Ion Ratio Lower Upper

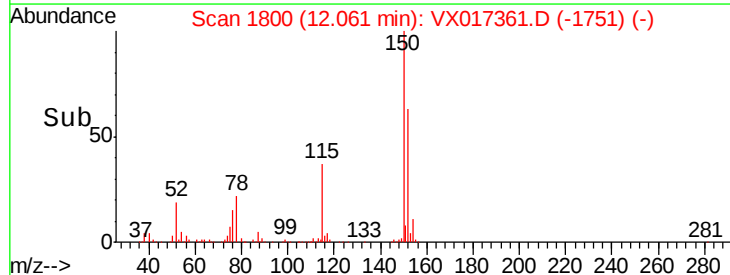
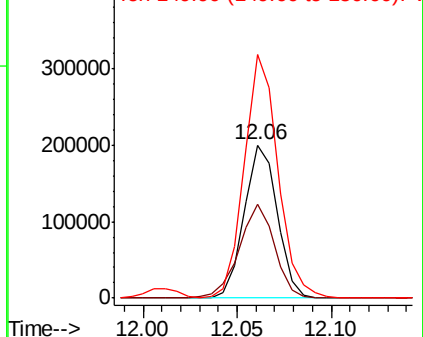
152 100

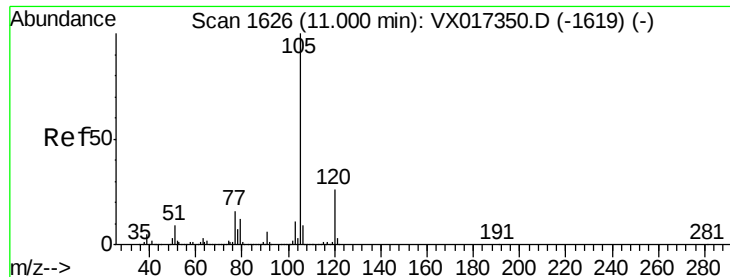
115 65.4 39.9 119.7

150 161.9 0.0 343.4



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





#73

Isopropylbenzene

Concen: 20.591 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

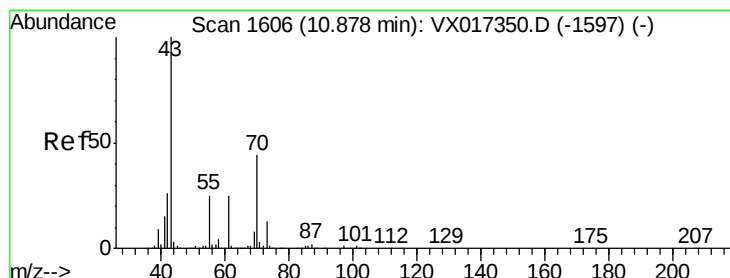
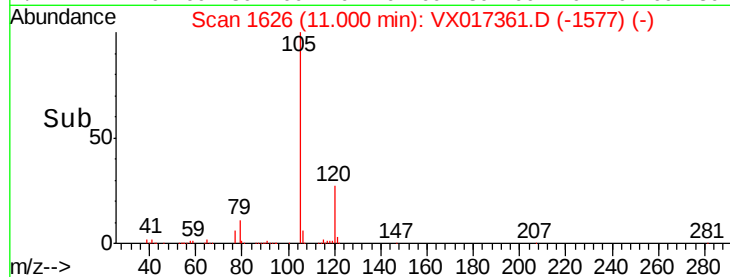
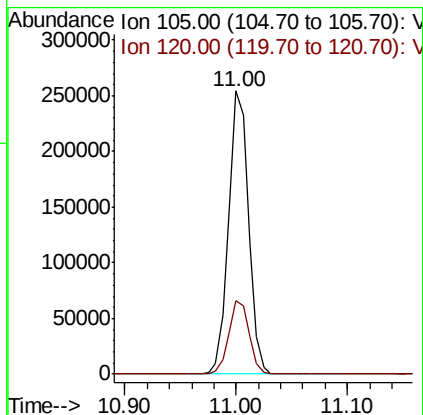
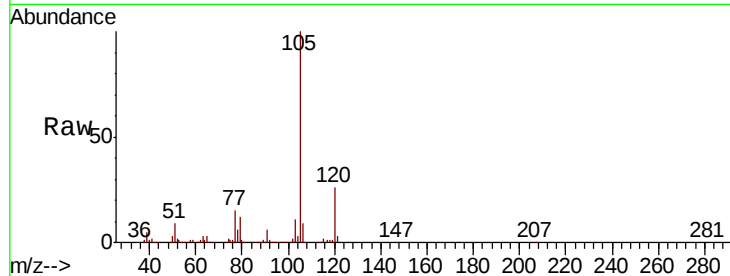
VX0713WBS01

Tot Ion: 105 Resp: 315402

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 21.390 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Tgt Ion: 43 Resp: 131110

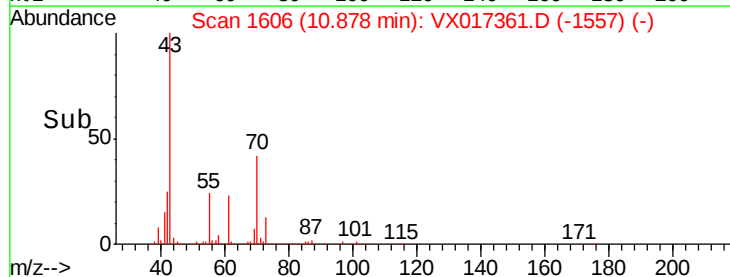
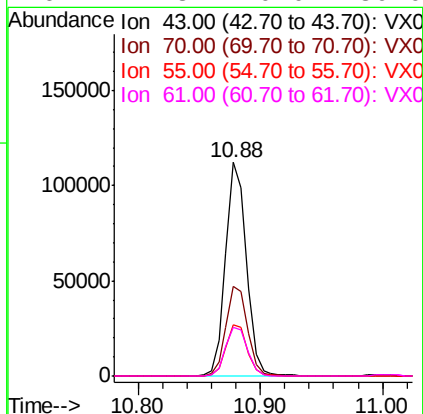
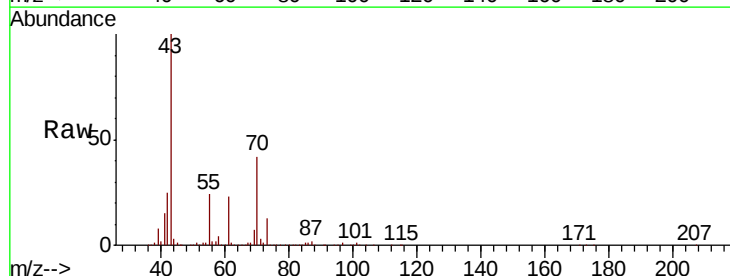
Ion Ratio Lower Upper

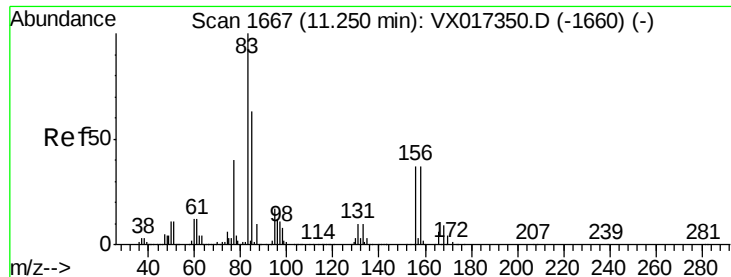
43 100

70 43.6 35.7 53.5

55 25.2 20.3 30.5

61 24.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.824 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBS01

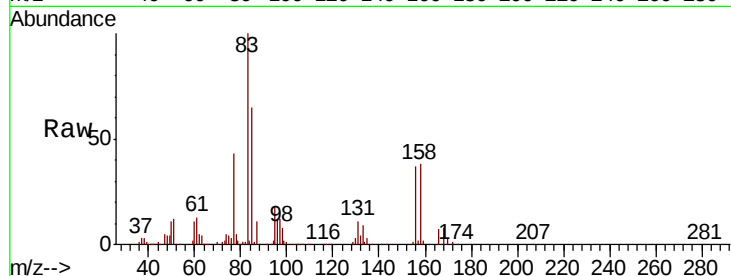
Tot Ion: 83 Resp: 96847

Ion Ratio Lower Upper

83 100

131 12.0 5.5 16.7

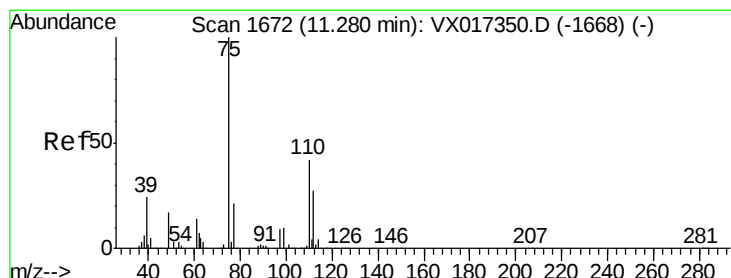
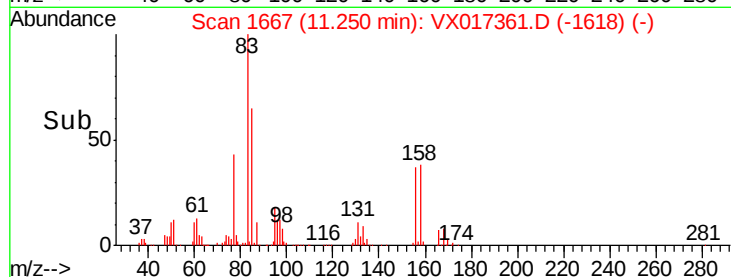
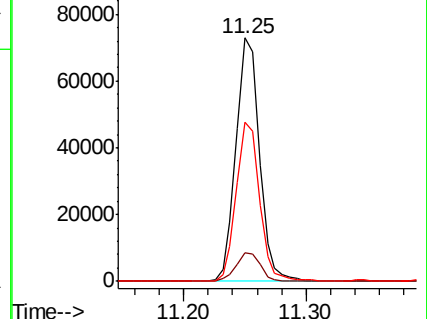
85 64.9 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.739 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017361.D

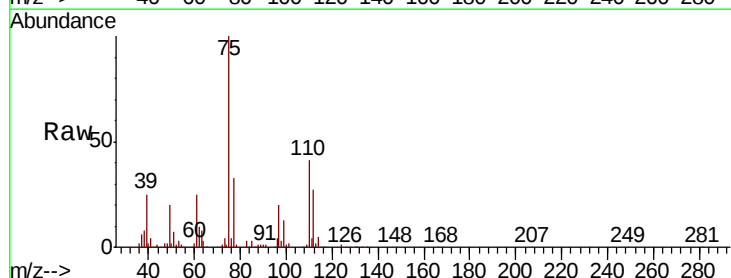
Acq: 13 Jul 2020 18:21

Tgt Ion: 75 Resp: 120732

Ion Ratio Lower Upper

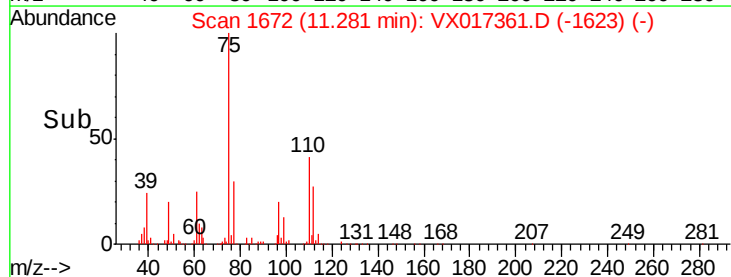
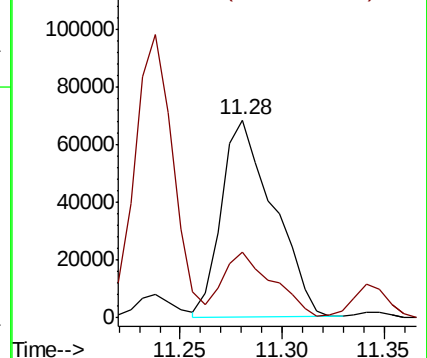
75 100

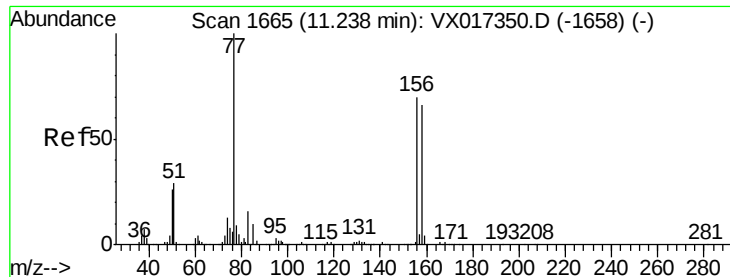
77 32.1 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.139 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampled :

VX0713WBS01

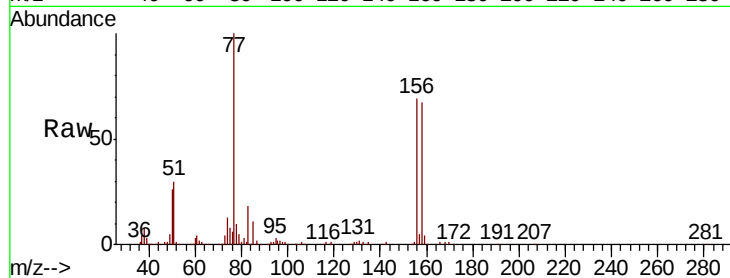
Tot Ion:156 Resp: 87858

Ion Ratio Lower Upper

156 100

77 146.2 72.1 216.3

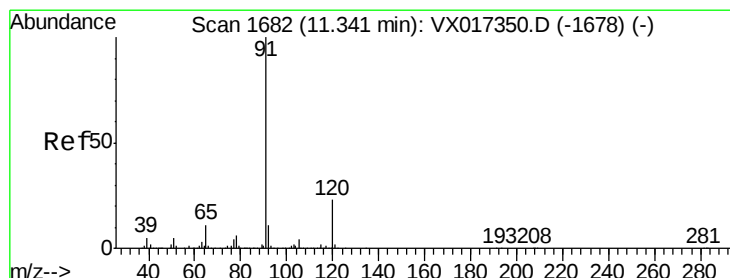
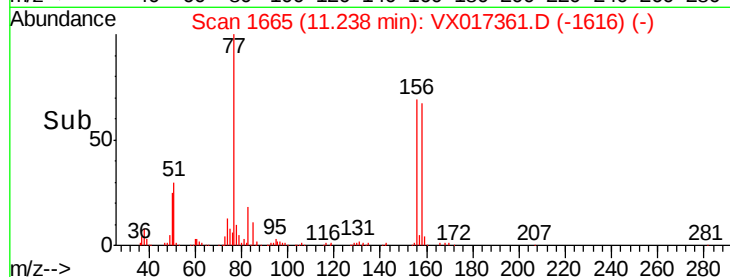
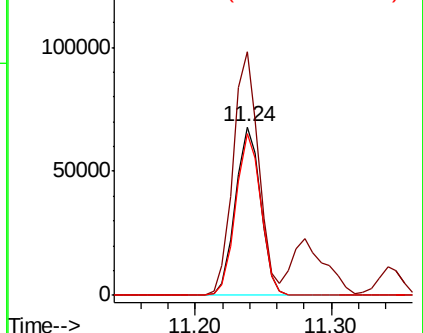
158 95.9 47.4 142.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.606 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017361.D

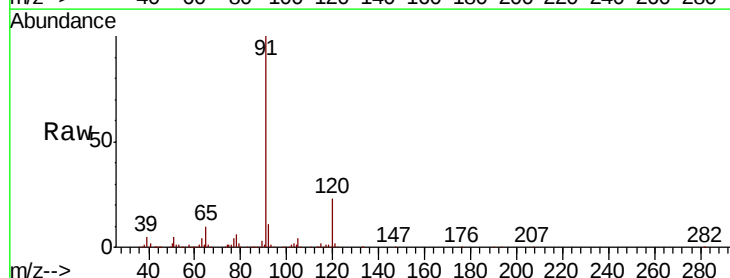
Acq: 13 Jul 2020 18:21

Tgt Ion: 91 Resp: 354475

Ion Ratio Lower Upper

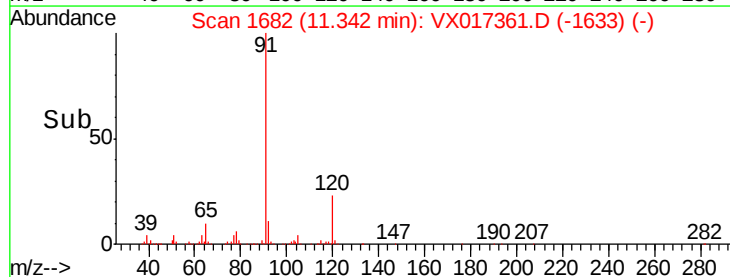
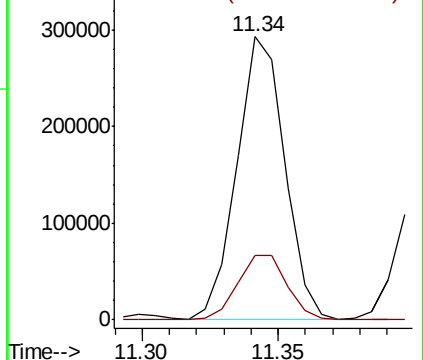
91 100

120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

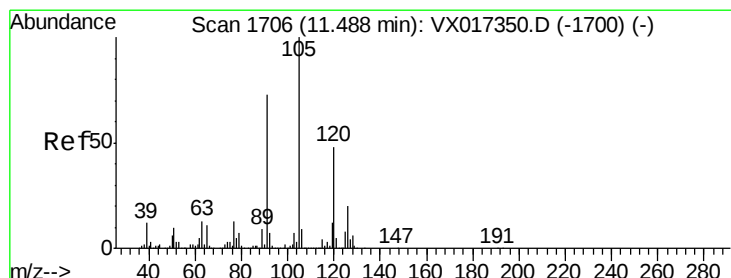
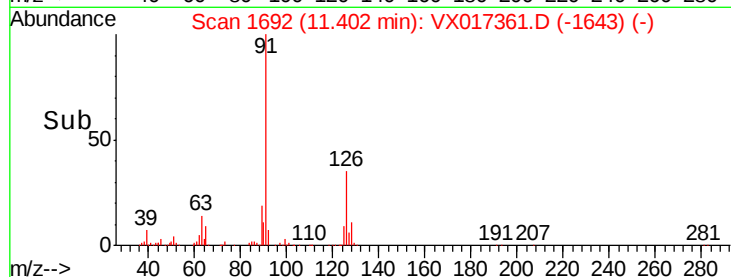
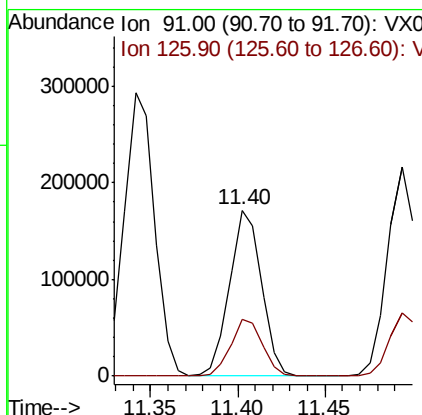
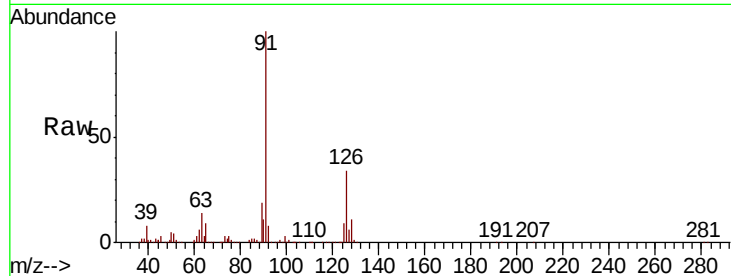




#79
2-Chlorotoluene
Concen: 20.466 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

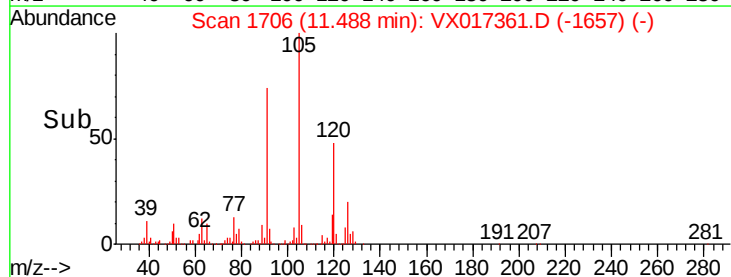
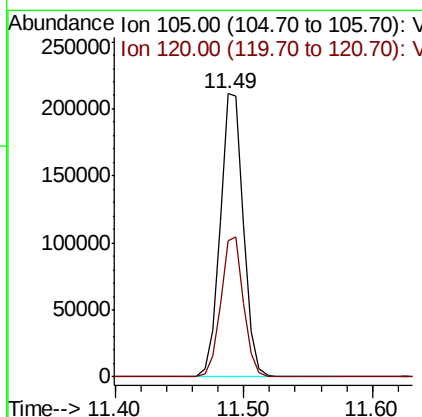
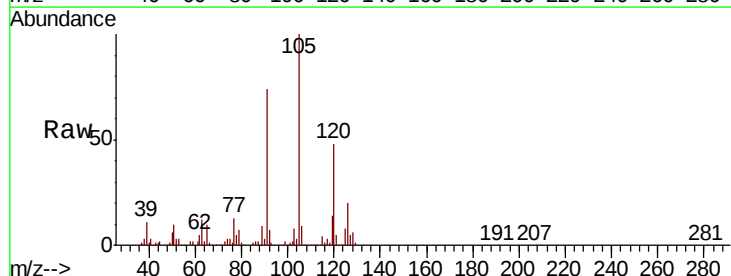
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBS01

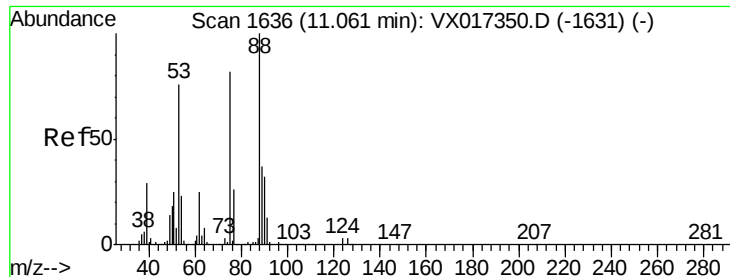
Tot Ion: 91 Resp: 216963
Ion Ratio Lower Upper
91 100
126 34.4 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.643 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX017361.D
Acq: 13 Jul 2020 18:21

Tgt Ion: 105 Resp: 268412
Ion Ratio Lower Upper
105 100
120 48.4 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.551 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBS01

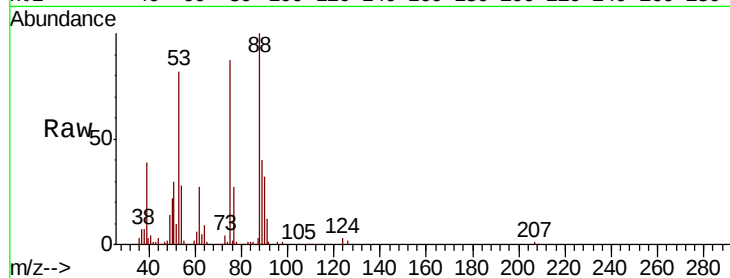
Tot Ion: 75 Resp: 34798

Ion Ratio Lower Upper

75 100

53 94.2 76.5 114.7

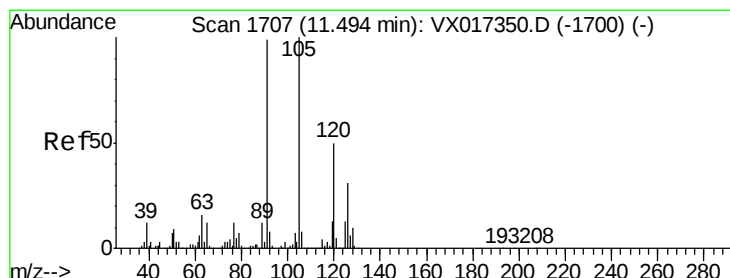
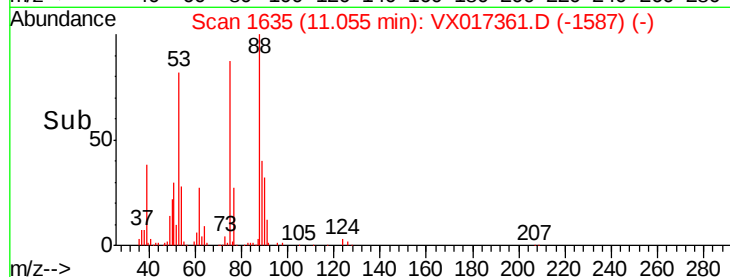
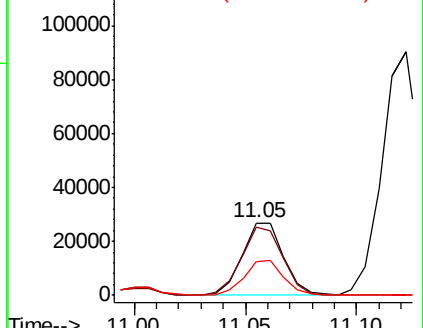
89 46.2 38.1 57.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.653 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017361.D

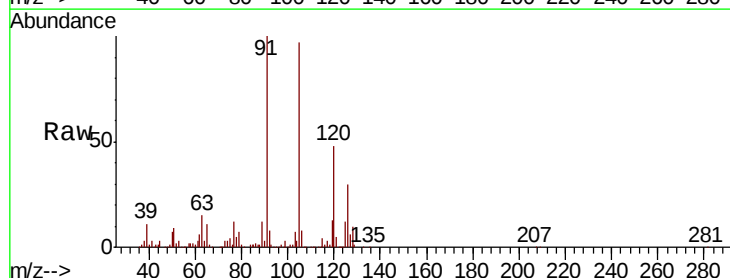
Acq: 13 Jul 2020 18:21

Tgt Ion: 91 Resp: 259478

Ion Ratio Lower Upper

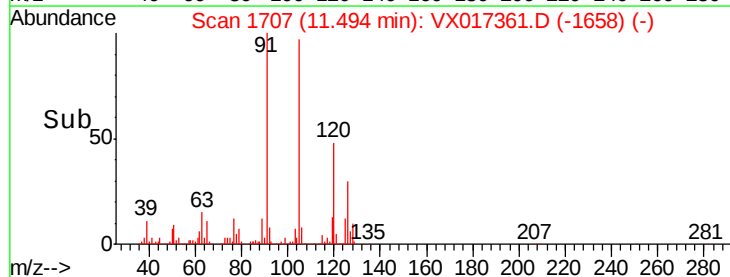
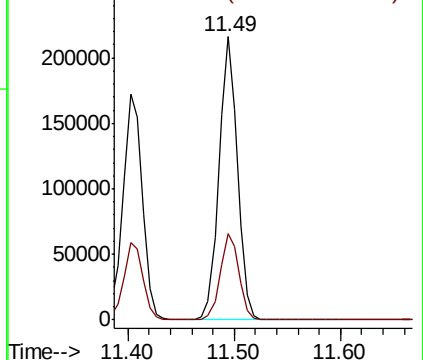
91 100

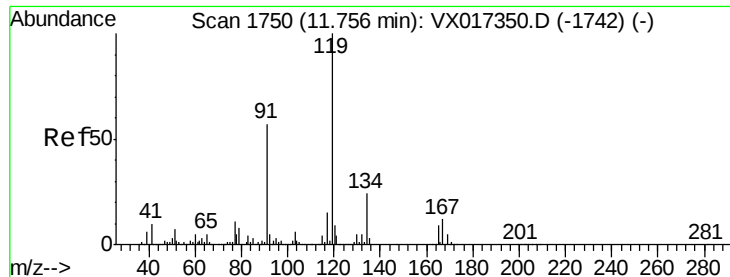
126 30.9 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.651 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBS01

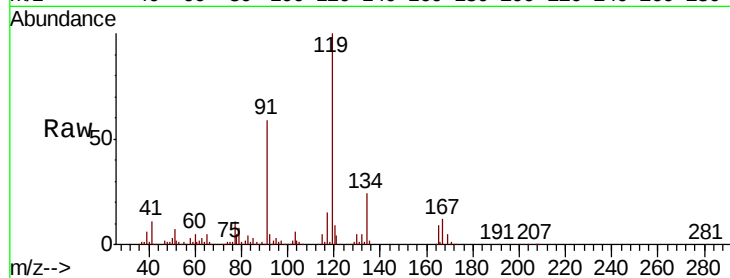
Tot Ion:119 Resp: 259564

Ion Ratio Lower Upper

119 100

91 56.7 28.5 85.6

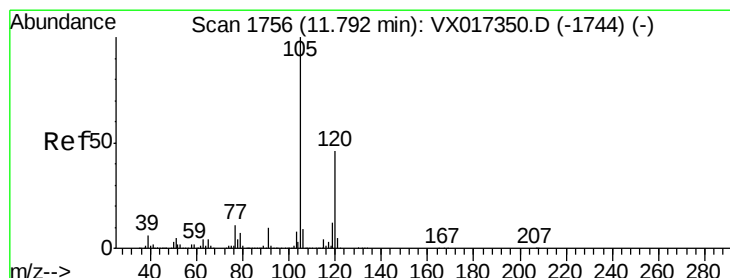
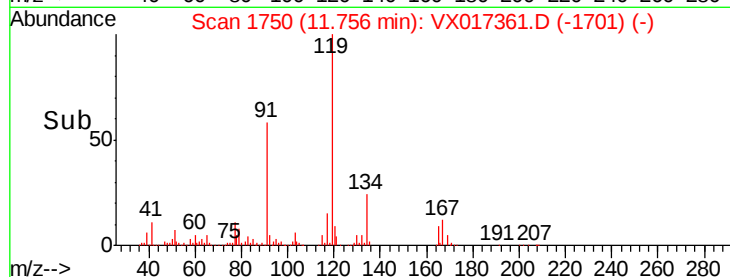
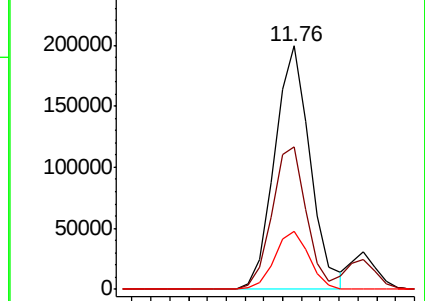
134 23.1 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.766 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017361.D

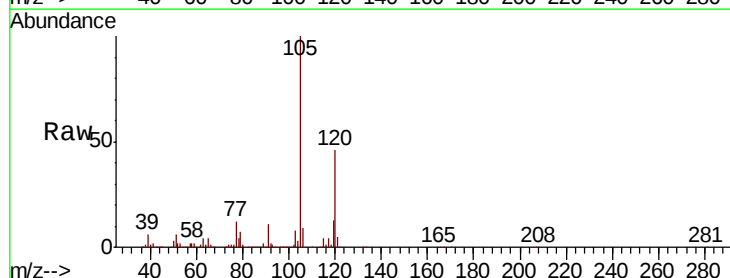
Acq: 13 Jul 2020 18:21

Tgt Ion:105 Resp: 272777

Ion Ratio Lower Upper

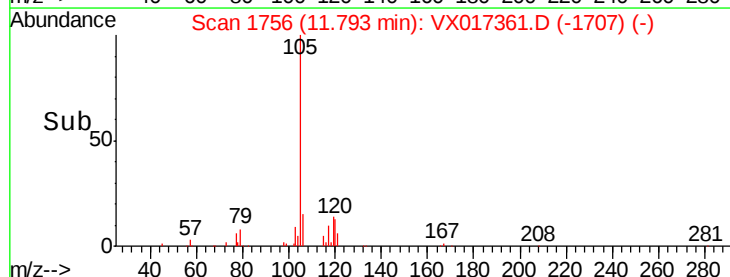
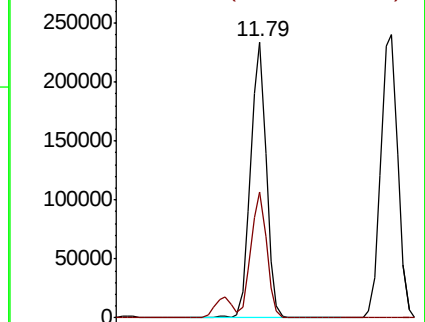
105 100

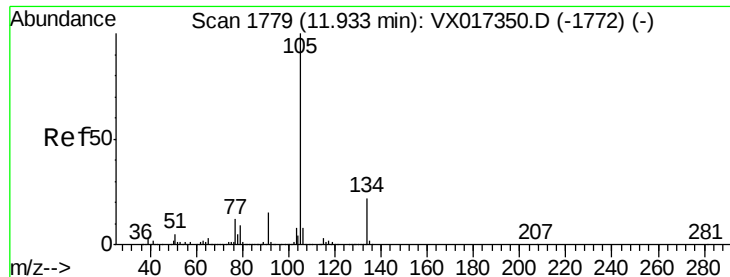
120 45.9 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

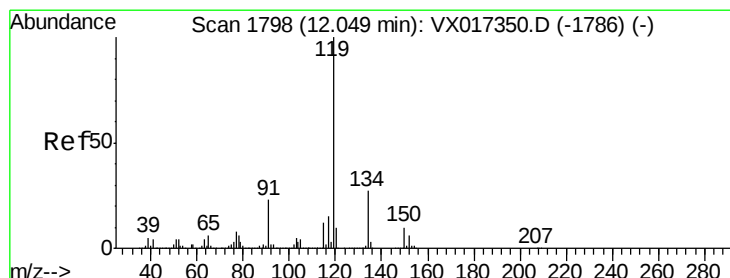
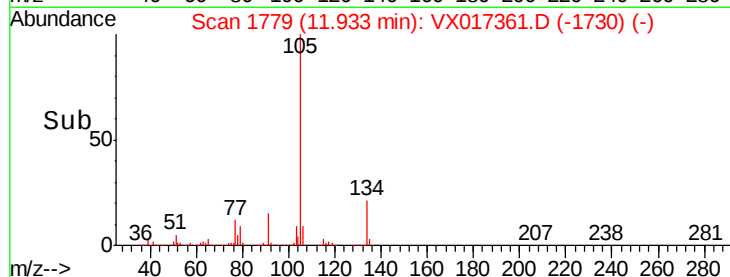
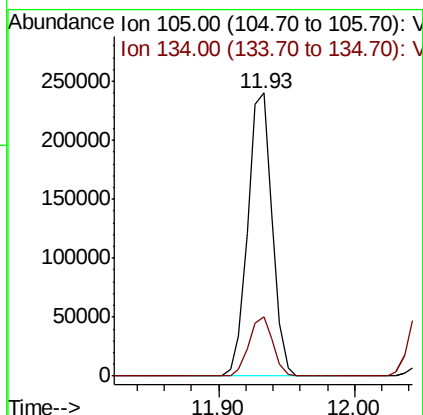
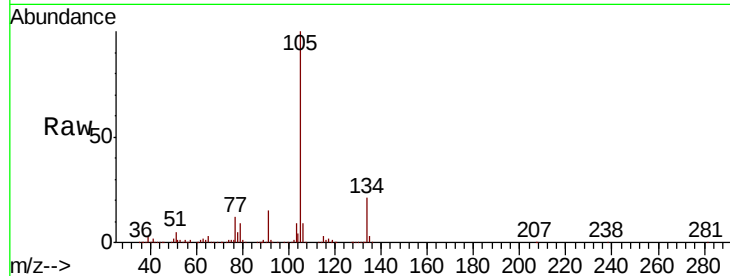




#85
 sec-Butylbenzene
 Concen: 20.477 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017361.D
 Acq: 13 Jul 2020 18:21

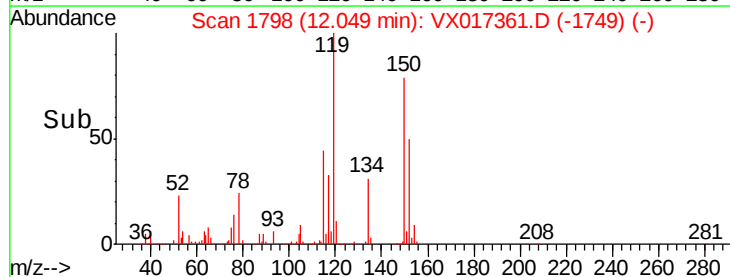
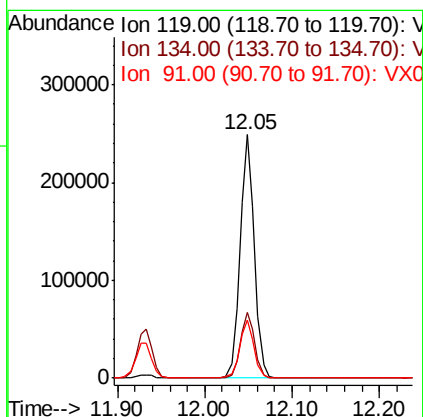
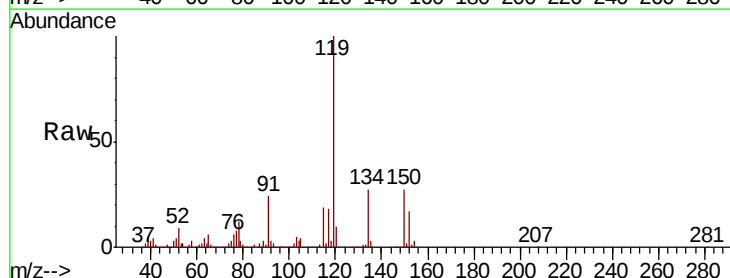
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

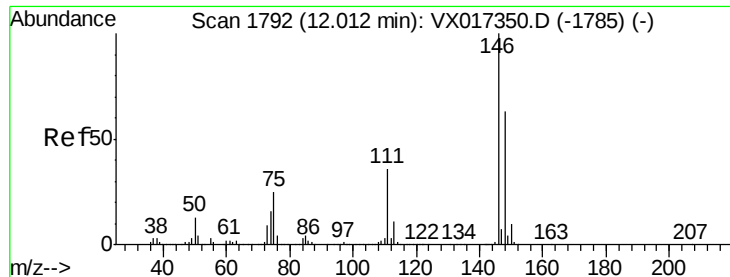
Tot Ion:105 Resp: 301327
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 20.358 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017361.D
 Acq: 13 Jul 2020 18:21

Tgt Ion:119 Resp: 283454
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.5 40.5
 91 24.0 11.8 35.3

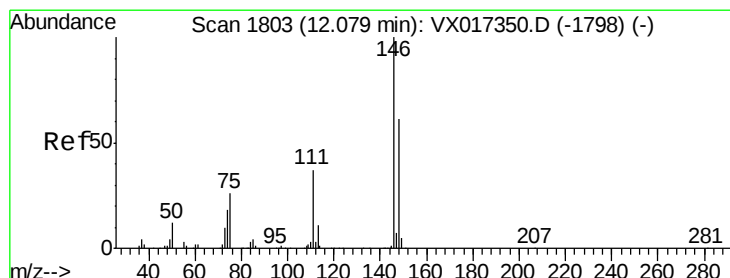
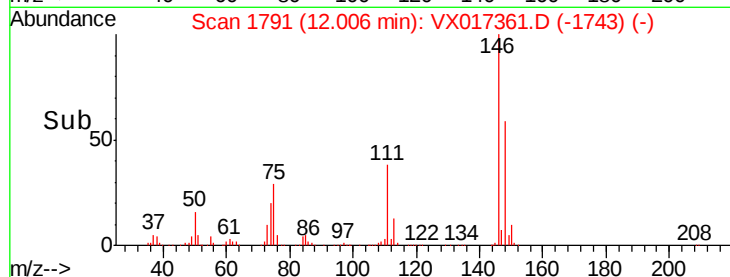
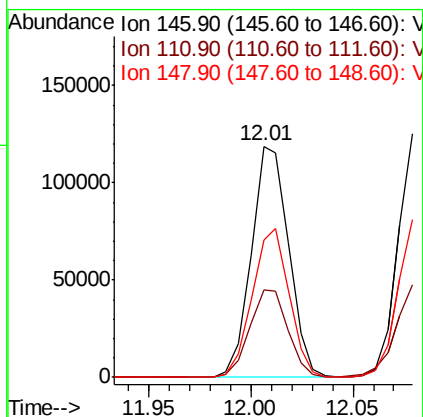
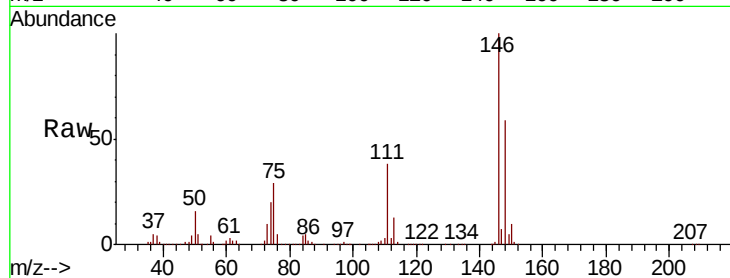




#87
 1,3-Dichlorobenzene
 Concen: 19.412 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017361.D
 Acq: 13 Jul 2020 18:21

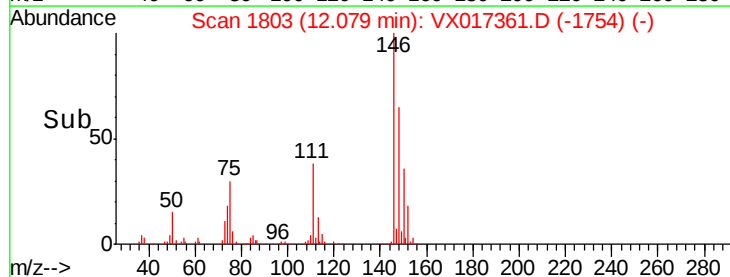
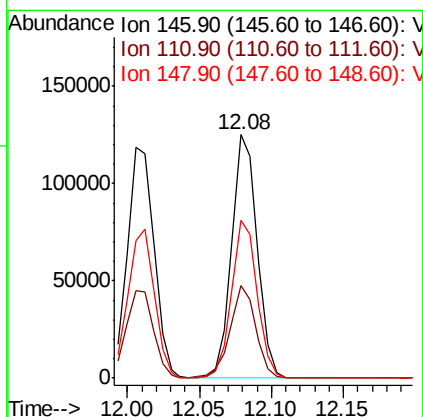
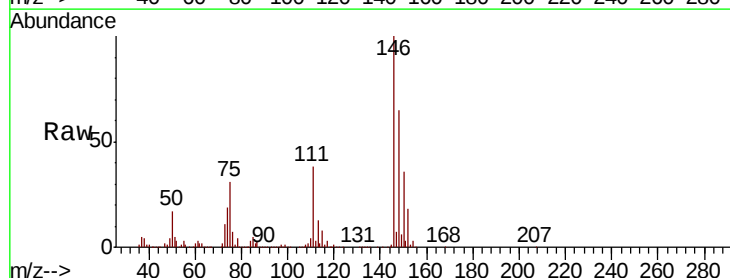
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

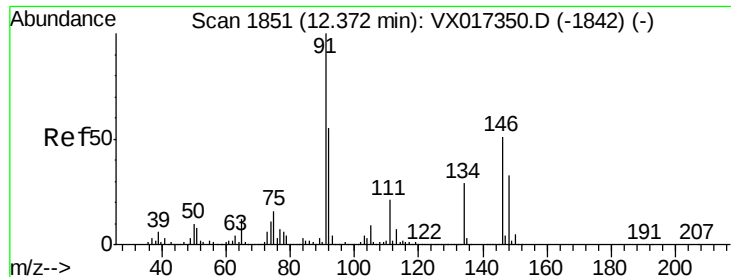
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.2	57.6
148	63.9	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 19.801 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017361.D
 Acq: 13 Jul 2020 18:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.9
148	64.9	31.9	95.9





#89

n-Butylbenzene

Concen: 19.977 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampled :

VX0713WBS01

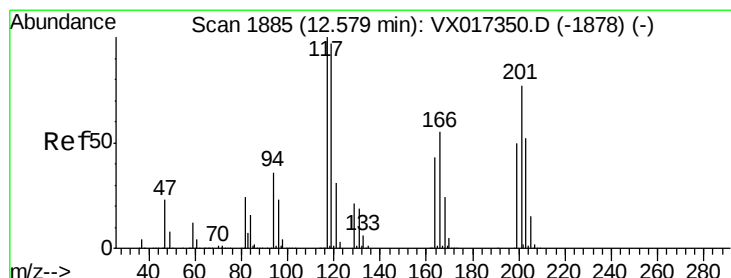
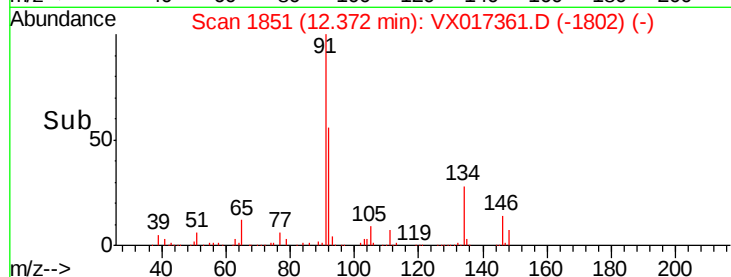
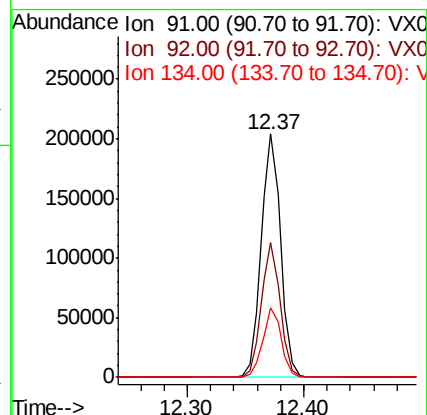
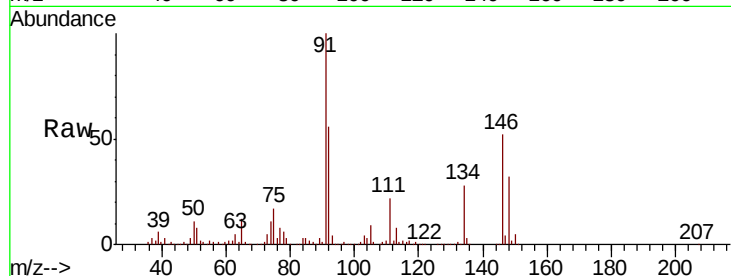
Tot Ion: 91 Resp: 237222

Ion Ratio Lower Upper

91 100

92 53.6 27.0 81.0

134 27.3 14.1 42.2



#90

Hexachloroethane

Concen: 20.242 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX017361.D

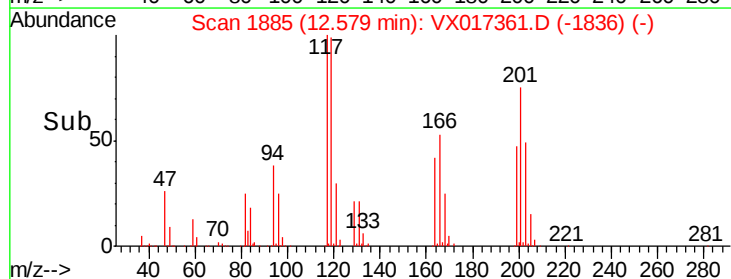
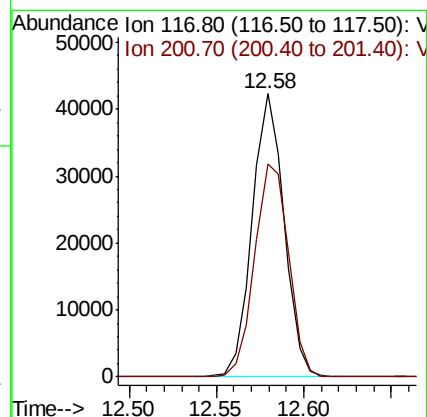
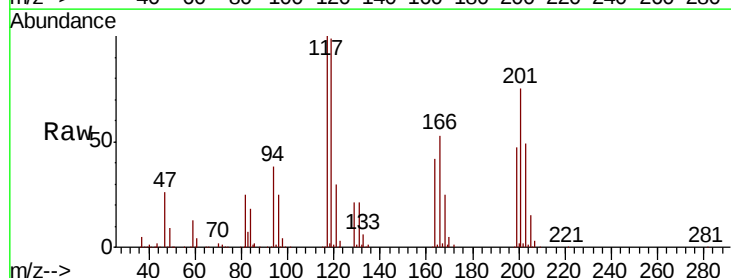
Acq: 13 Jul 2020 18:21

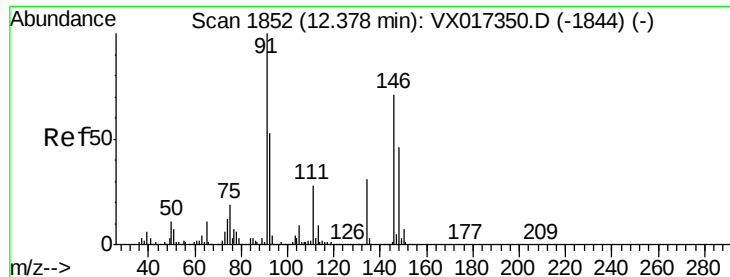
Tgt Ion: 117 Resp: 53507

Ion Ratio Lower Upper

117 100

201 80.6 41.0 123.0





#91

1,2-Dichlorobenzene

Concen: 19.704 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBS01

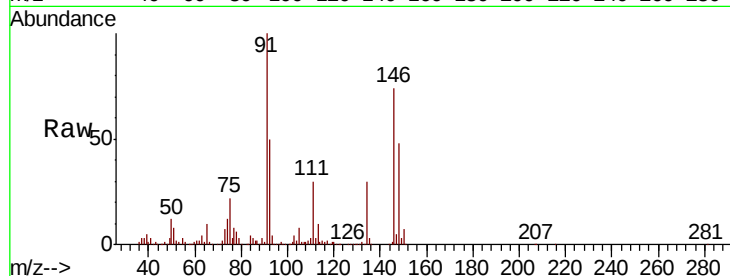
Tot Ion:146 Resp: 144511

Ion Ratio Lower Upper

146 100

111 40.3 20.3 61.0

148 65.1 32.0 96.0

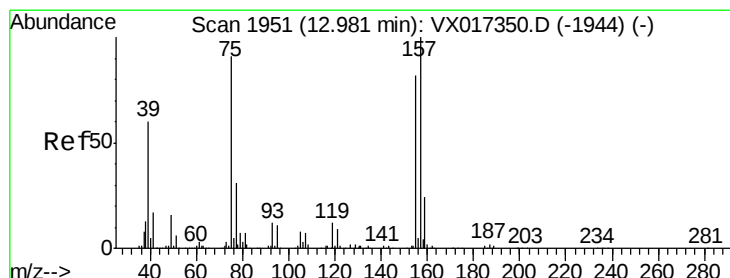
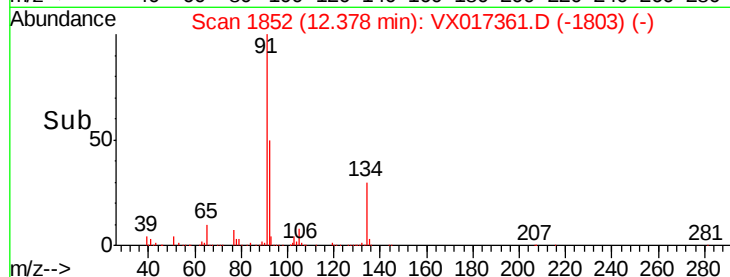
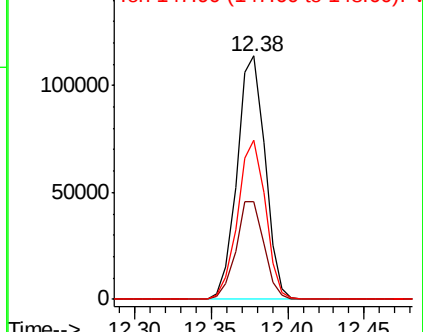


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.175 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

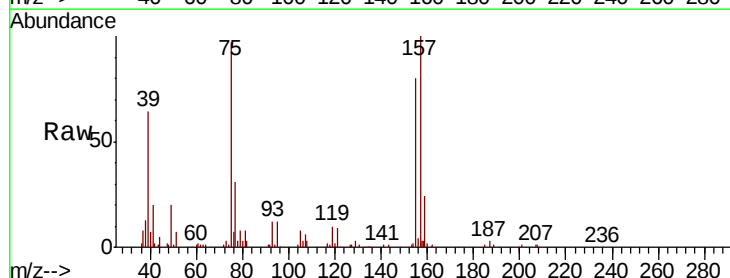
Tgt Ion: 75 Resp: 22304

Ion Ratio Lower Upper

75 100

155 89.8 46.5 139.3

157 117.5 58.0 173.9

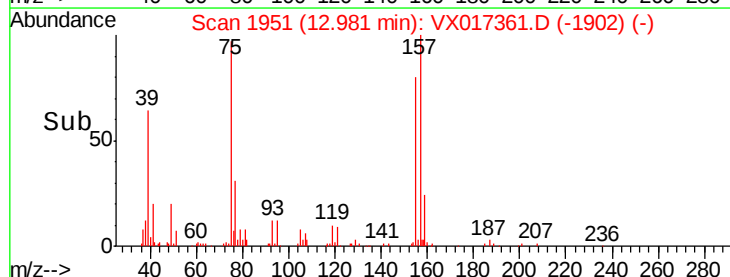
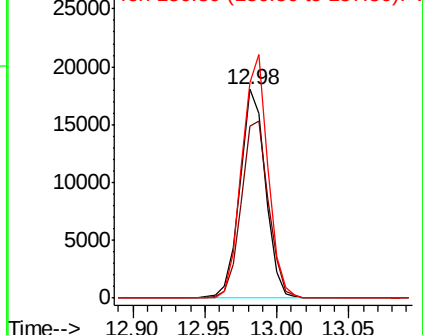


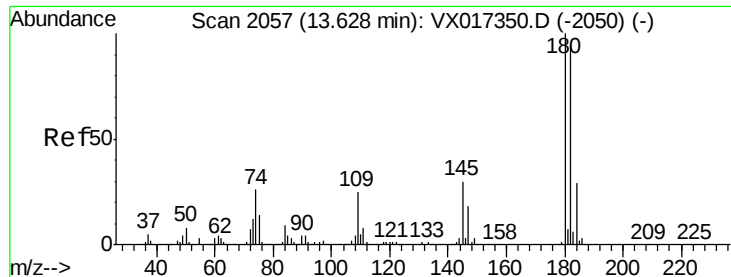
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

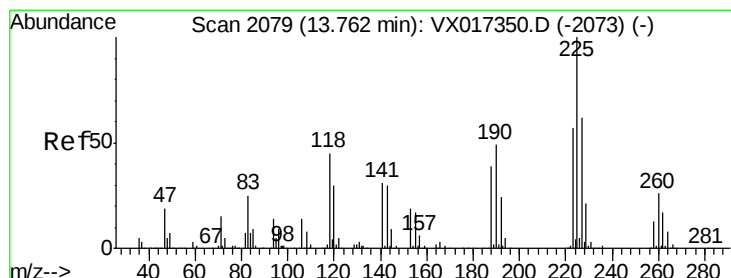
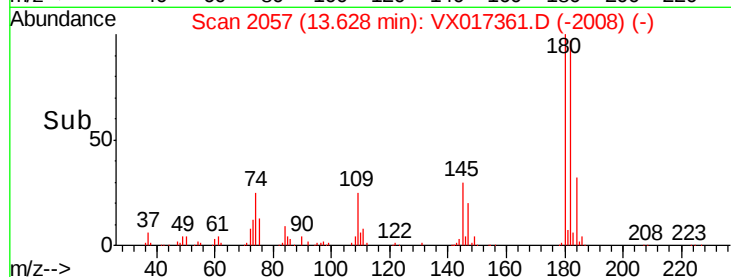
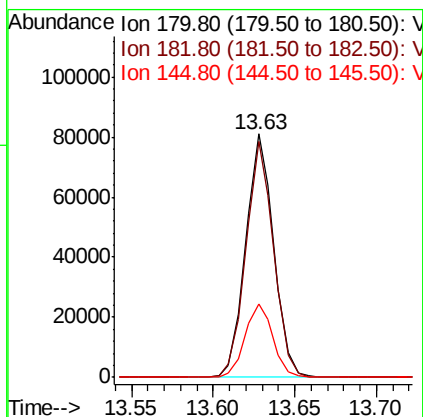
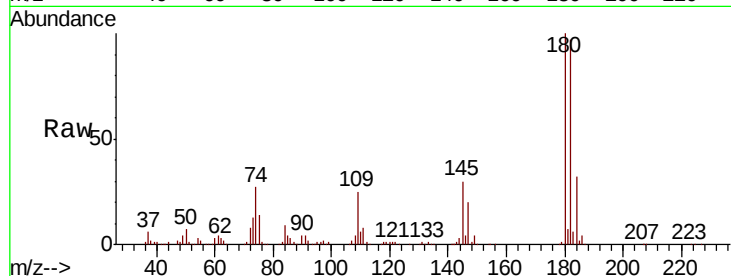




#93
 1,2,4-Trichlorobenzene
 Concen: 19.039 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017361.D
 Acq: 13 Jul 2020 18:21

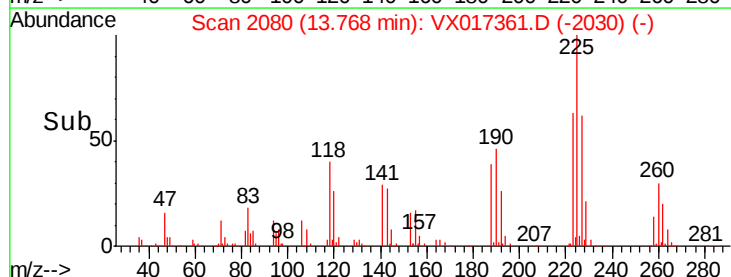
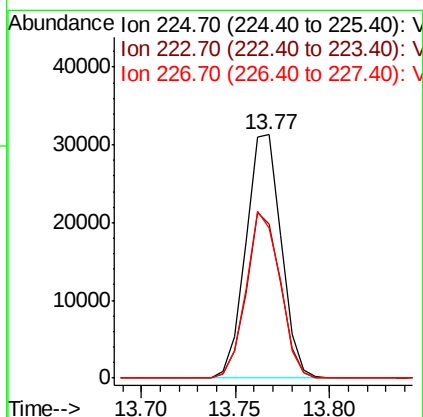
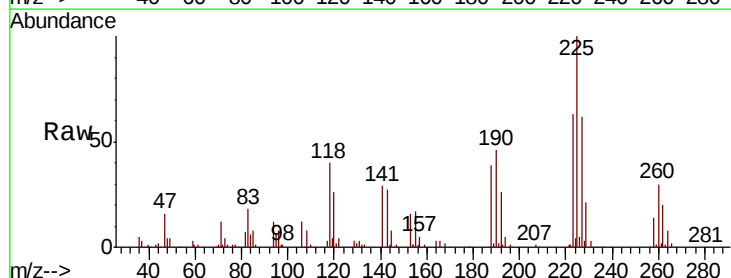
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

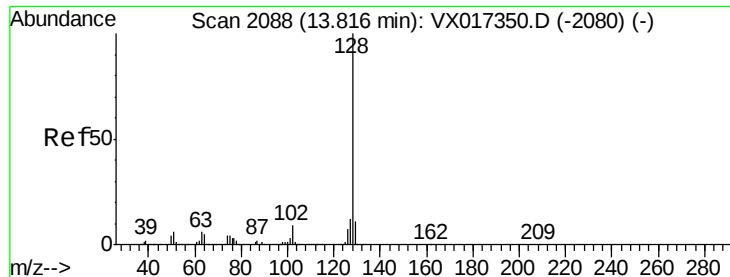
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.4	145.0
145	30.1	15.3	45.8



#94
 Hexachlorobutadiene
 Concen: 19.622 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX017361.D
 Acq: 13 Jul 2020 18:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.5	31.3	93.8
227	65.7	31.6	95.0





#95

Naphthalene

Concen: 20.418 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBS01

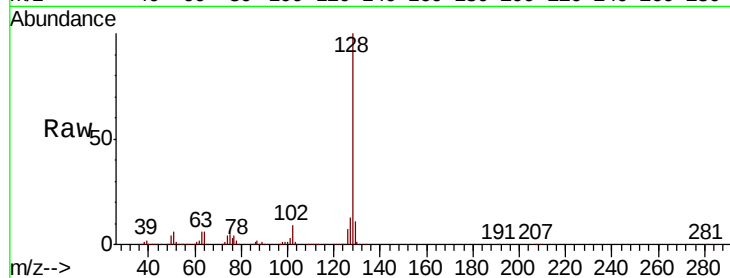
Tot Ion:128 Resp: 305630

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

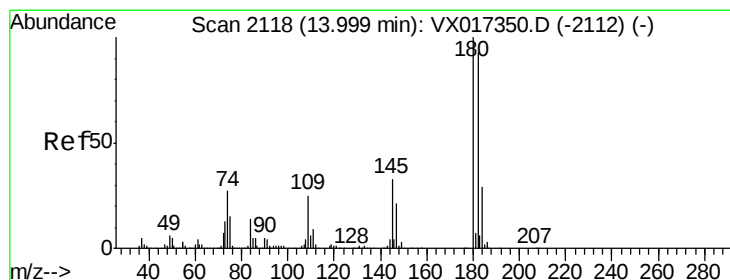
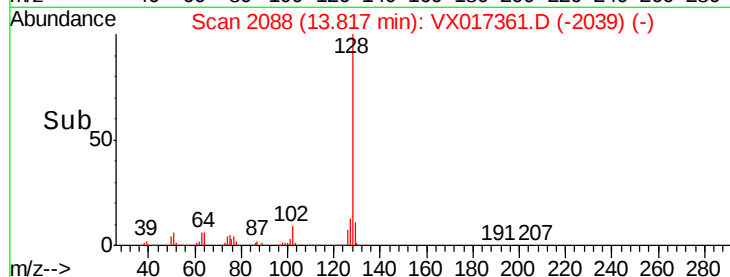
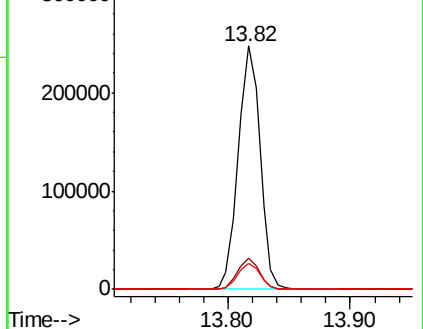
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.248 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

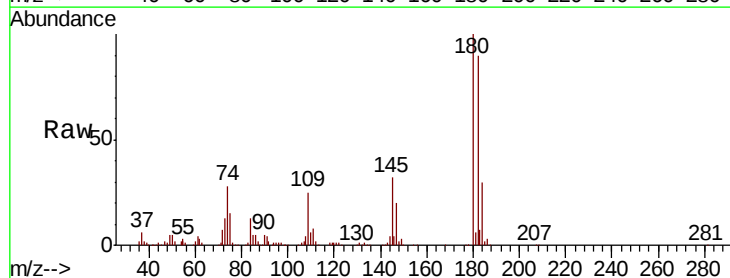
Tgt Ion:180 Resp: 99575

Ion Ratio Lower Upper

180 100

182 92.7 48.8 146.3

145 31.6 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

