

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018052.D
 Acq On : 21 Aug 2020 12:37
 Operator : JC/SP
 Sample : VX0821WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

Quant Time: Aug 21 23:51:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	710747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1119445	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1027500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	500643	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	457653	46.38	ug/l	0.00
Spiked Amount			Recovery	=	92.76%	
35) Dibromofluoromethane	5.46	113	366561	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
50) Toluene-d8	8.70	98	1311792	46.20	ug/l	0.00
Spiked Amount			Recovery	=	92.40%	
62) 4-Bromofluorobenzene	11.12	95	515131	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	174111	20.120	ug/l	99
3) Chloromethane	1.31	50	171637	18.813	ug/l	99
4) Vinyl Chloride	1.39	62	172909	19.039	ug/l	97
5) Bromomethane	1.63	94	112034	25.576	ug/l	97
6) Chloroethane	1.72	64	100468	20.597	ug/l	98
7) Trichlorofluoromethane	1.92	101	260057	21.000	ug/l	100
8) Diethyl Ether	2.17	74	87101	20.740	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	137409	20.524	ug/l	96
10) Methyl Iodide	2.49	142	139265	22.673	ug/l	100
11) Tert butyl alcohol	3.01	59	170022	88.622	ug/l	97
12) 1,1-Dichloroethene	2.36	96	130393	18.773	ug/l	98
13) Acrolein	2.27	56	66541	83.648	ug/l	93
14) Allyl chloride	2.71	41	274623	22.007	ug/l	99
15) Acrylonitrile	3.11	53	420865	96.709	ug/l	99
16) Acetone	2.42	43	350522	91.168	ug/l	98
17) Carbon Disulfide	2.55	76	422963	20.144	ug/l	100
18) Methyl Acetate	2.75	43	185430	19.986	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	498234	20.916	ug/l	98
20) Methylene Chloride	2.84	84	166458	20.485	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	154312	20.053	ug/l	97
22) Diisopropyl ether	3.82	45	529012	21.479	ug/l	94
23) Vinyl Acetate	3.78	43	2347599	107.120	ug/l	99
24) 1,1-Dichloroethane	3.67	63	291011	20.756	ug/l	98
25) 2-Butanone	4.64	43	599811	94.926	ug/l	98
26) 2,2-Dichloropropane	4.55	77	263842	23.129	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	180462	20.354	ug/l	98
28) Bromochloromethane	4.98	49	128264	18.953	ug/l	99
29) Tetrahydrofuran	5.09	42	382550	95.105	ug/l	100
30) Chloroform	5.18	83	292178	20.126	ug/l	99
31) Cyclohexane	5.55	56	255756	21.656	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	270988	20.341	ug/l	99
36) 1,1-Dichloropropene	5.77	75	223753	21.671	ug/l	99
37) Ethyl Acetate	4.79	43	237331	19.791	ug/l	100
38) Carbon Tetrachloride	5.76	117	242400	20.832	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	251265	22.255	ug/l	96
40) Benzene	6.11	78	640169	21.100	ug/l	100
41) Methacrylonitrile	5.00	41	128743	19.552	ug/l	98
42) 1,2-Dichloroethane	6.17	62	242449	20.857	ug/l	100
43) Isopropyl Acetate	6.41	43	385942	19.925	ug/l	99
44) Trichloroethene	7.19	130	175710	20.497	ug/l	100
45) 1,2-Dichloropropane	7.49	63	172545	21.101	ug/l	99
46) Dibromomethane	7.63	93	115522	20.090	ug/l	98
47) Bromodichloromethane	7.87	83	233914	20.373	ug/l	99
48) Methyl methacrylate	7.74	41	188851	19.586	ug/l	98
49) 1,4-Dioxane	7.71	88	66843	382.702	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1132420	94.647	ug/l	100
52) Toluene	8.76	92	378025	19.650	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	258272	20.297	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	274789	20.385	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	158936	19.371	ug/l	98
56) Ethyl methacrylate	9.16	69	237227	19.449	ug/l	99
57) 1,3-Dichloropropane	9.35	76	262980	19.433	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	399877	72.877	ug/l	100
59) 2-Hexanone	9.47	43	858080	94.318	ug/l	100
60) Dibromochloromethane	9.56	129	189171	19.654	ug/l	100
61) 1,2-Dibromoethane	9.65	107	175470	19.698	ug/l	98
64) Tetrachloroethene	9.32	164	169366	22.431	ug/l	97
65) Chlorobenzene	10.12	112	421195	20.525	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	163907	20.265	ug/l	97
67) Ethyl Benzene	10.23	91	733066	21.006	ug/l	100
68) m/p-Xylenes	10.34	106	564383	43.328	ug/l	97
69) o-Xylene	10.68	106	266824	21.131	ug/l	98
70) Styrene	10.70	104	457823	21.290	ug/l	99
71) Bromoform	10.84	173	138258	20.041	ug/l	98
73) Isopropylbenzene	11.00	105	699141	21.171	ug/l	98
74) N-amyl acetate	10.88	43	312287	19.931	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	222607	19.109	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	282560	25.371	ug/l	84
77) Bromobenzene	11.24	156	187569	20.548	ug/l	98
78) n-propylbenzene	11.34	91	815875	21.759	ug/l	100
79) 2-Chlorotoluene	11.40	91	496450	21.430	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	619910	22.844	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	84176	20.414	ug/l	98
82) 4-Chlorotoluene	11.49	91	590273	21.434	ug/l	99
83) tert-Butylbenzene	11.76	119	604156	22.560	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	626988	22.599	ug/l	99
85) sec-Butylbenzene	11.93	105	680187	22.334	ug/l	99
86) p-Isopropyltoluene	12.05	119	637674	22.795	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	329083	20.534	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	334796	20.864	ug/l	98
89) n-Butylbenzene	12.37	91	597638	23.407	ug/l	99
90) Hexachloroethane	12.58	117	122467	22.251	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	321065	21.282	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53126	18.239	ug/l	96

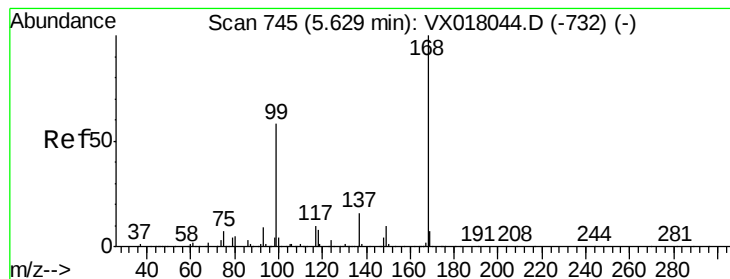
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
Data File : VX018052.D
Acq On : 21 Aug 2020 12:37
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	213053	21.178	ug/l	98
94) Hexachlorobutadiene	13.77	225	85197	21.471	ug/l	98
95) Naphthalene	13.82	128	690641	20.861	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	206357	20.760	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

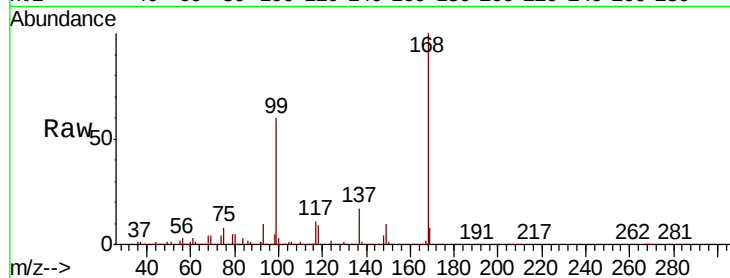
VX0821WBS02

Tot Ion:168 Resp: 710747

Ion Ratio Lower Upper

168 100

99 59.4 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

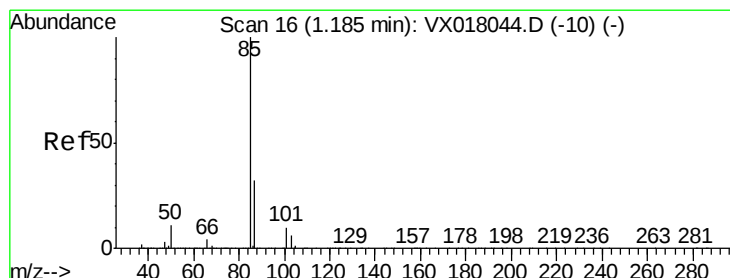
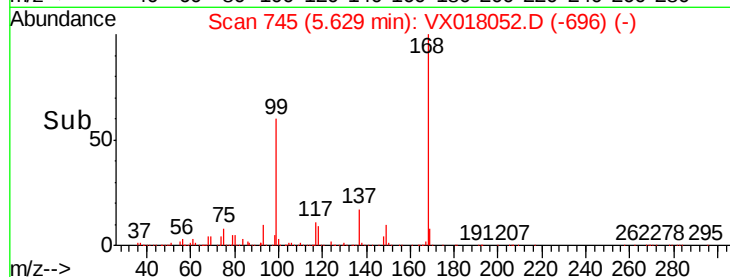
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.120 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018052.D

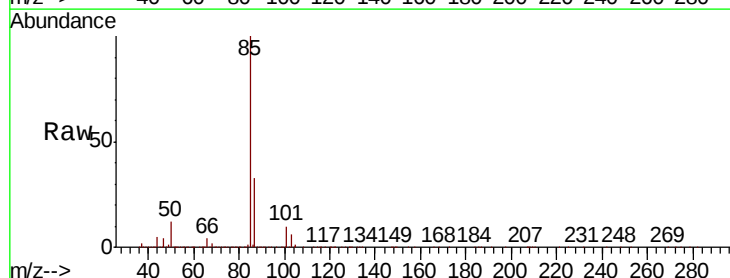
Acq: 21 Aug 2020 12:37

Tgt Ion: 85 Resp: 174111

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

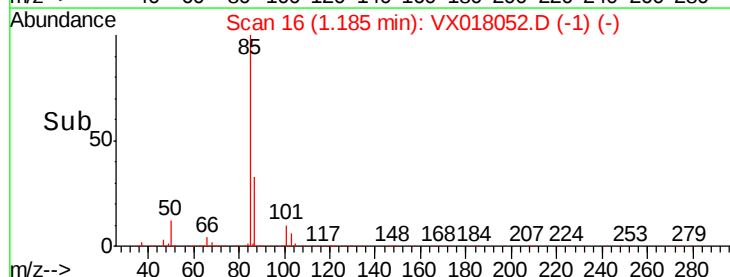
150000

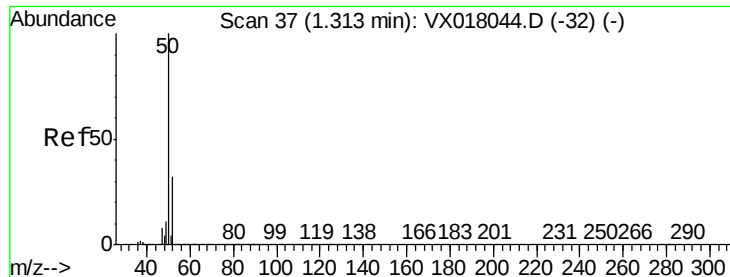
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Time-->

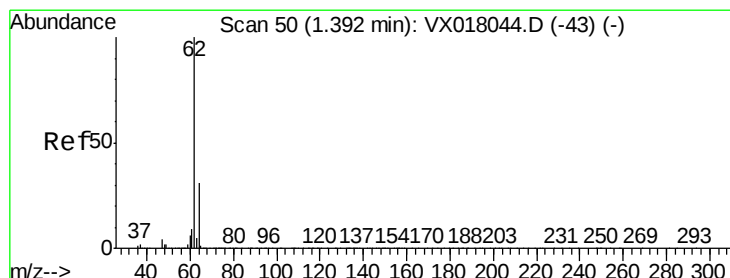
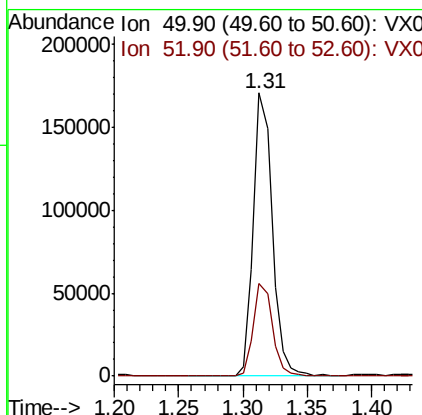
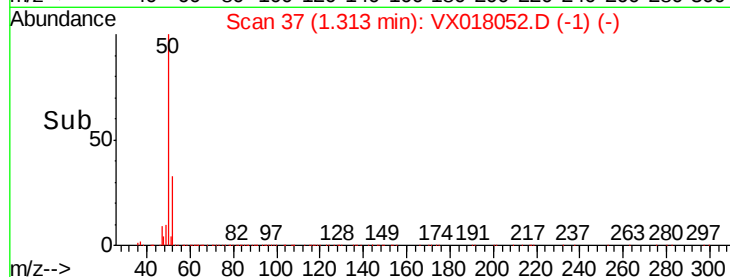
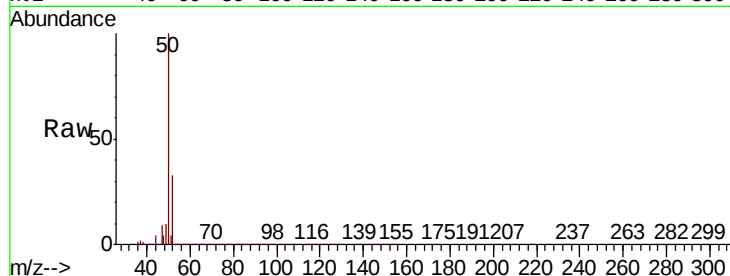




#3
Chloromethane
Concen: 18.813 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

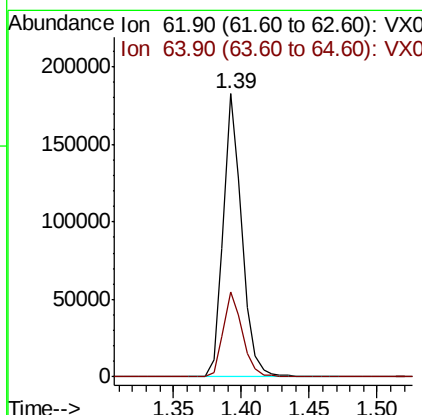
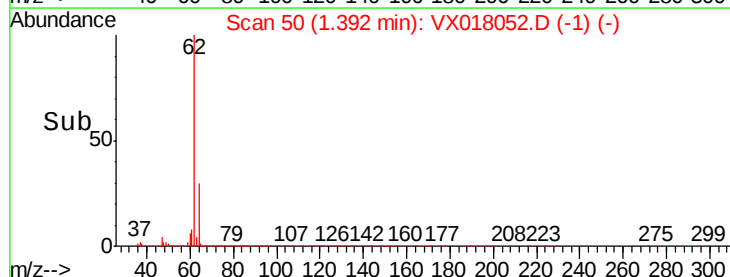
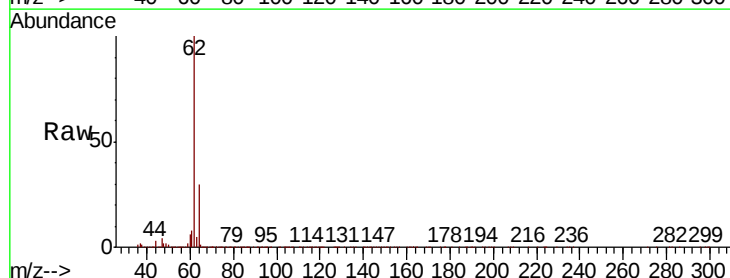
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

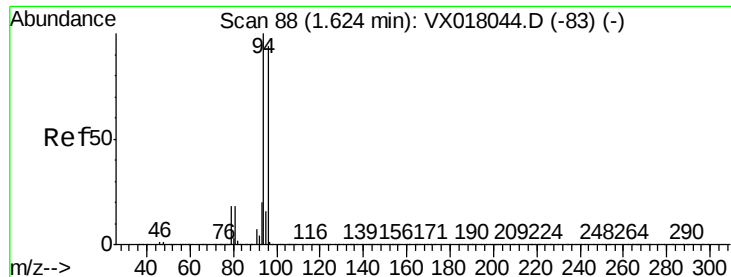
Tot Ion: 50 Resp: 171637
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2



#4
Vinyl Chloride
Concen: 19.039 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion: 62 Resp: 172909
Ion Ratio Lower Upper
62 100
64 29.9 25.1 37.7





#5

Bromomethane

Concen: 25.576 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

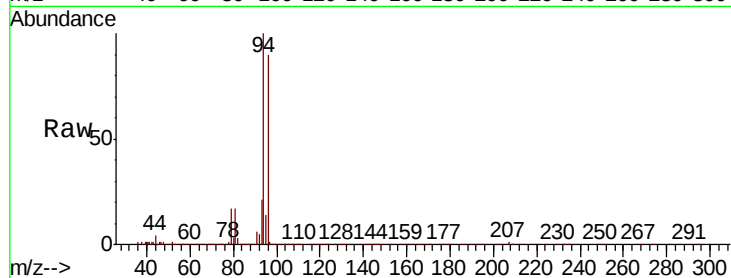
VX0821WBS02

Tot Ion: 94 Resp: 112034

Ion Ratio Lower Upper

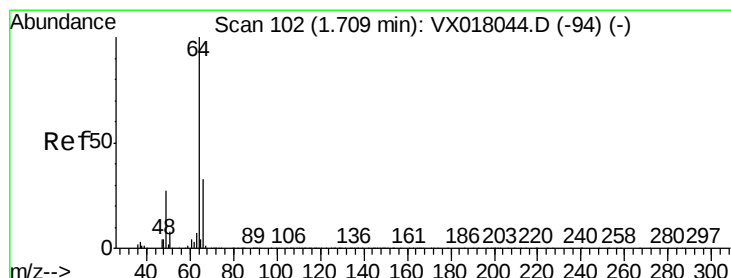
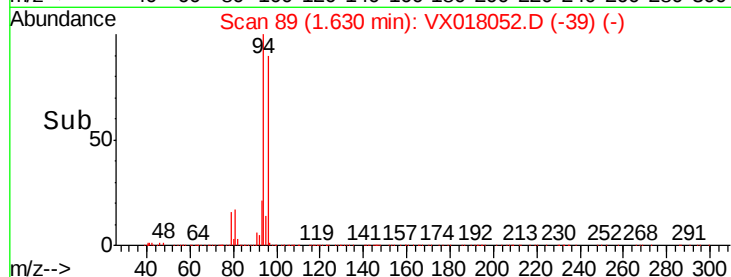
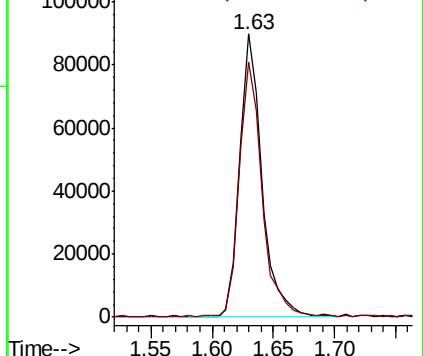
94 100

96 90.2 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.597 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018052.D

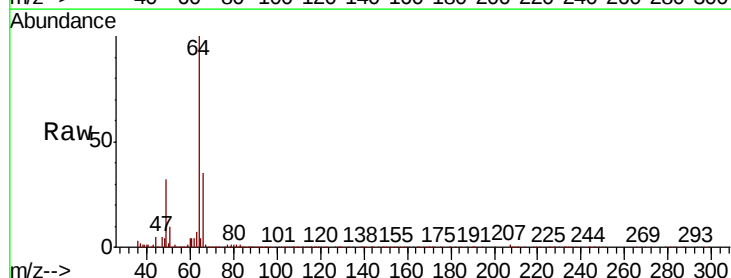
Acq: 21 Aug 2020 12:37

Tgt Ion: 64 Resp: 100468

Ion Ratio Lower Upper

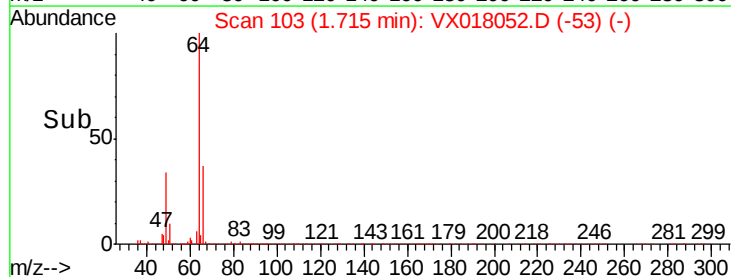
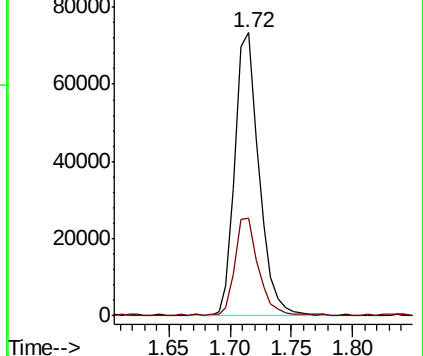
64 100

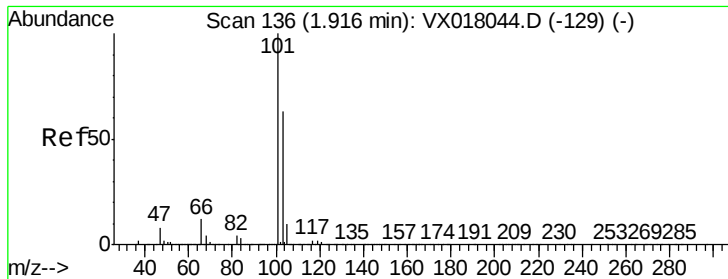
66 34.5 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



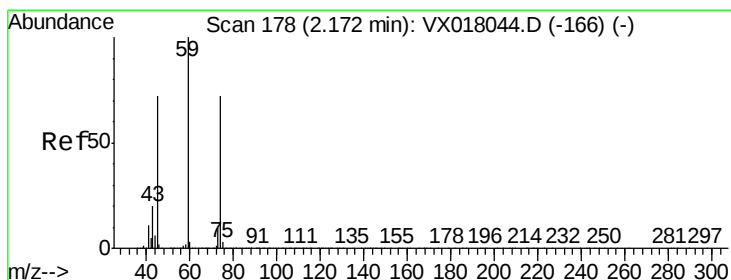
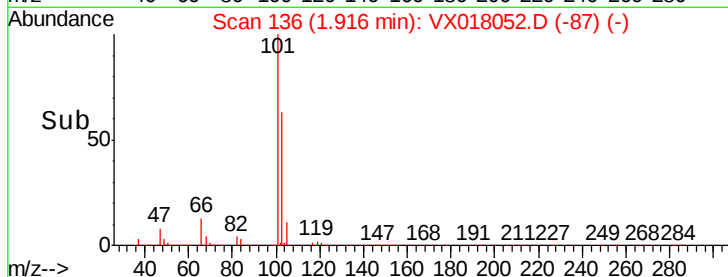
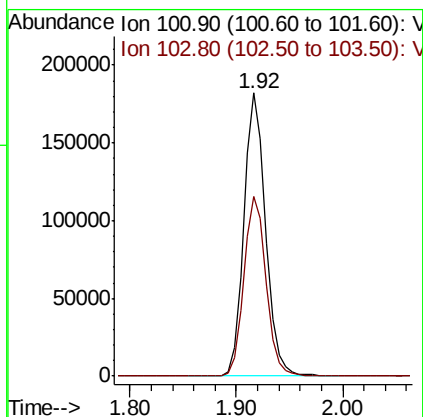
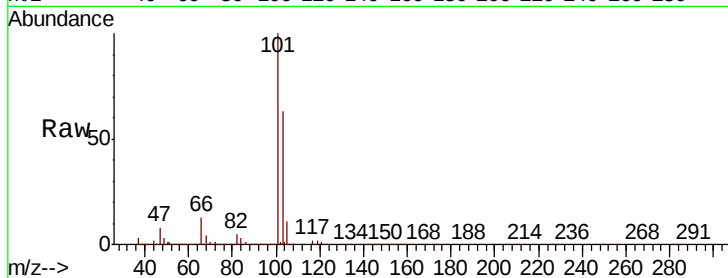


#7

Trichlorofluoromethane
 Concen: 21.000 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

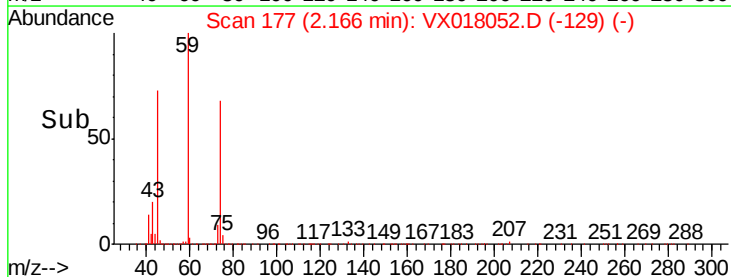
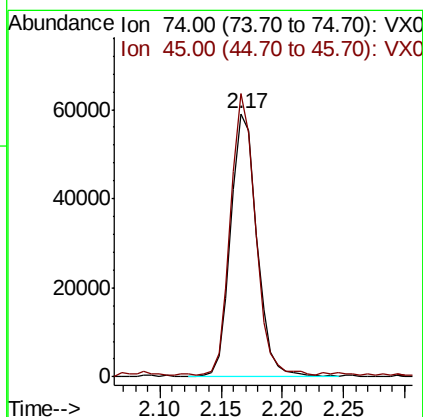
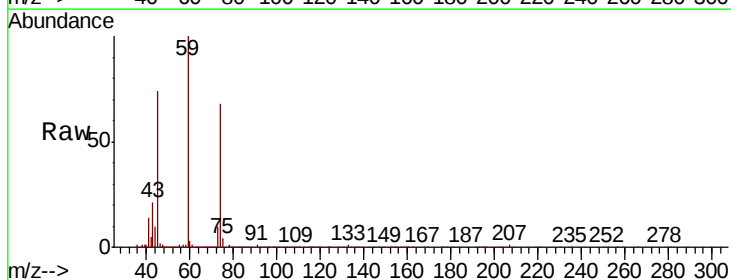
Tot Ion:101 Resp: 260057
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.7 76.1

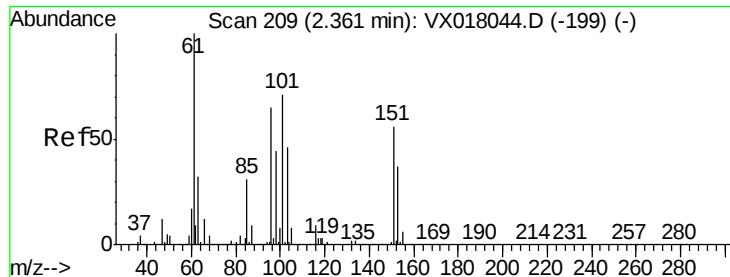


#8

Diethyl Ether
 Concen: 20.740 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Tgt Ion: 74 Resp: 87101
 Ion Ratio Lower Upper
 74 100
 45 102.2 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.524 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

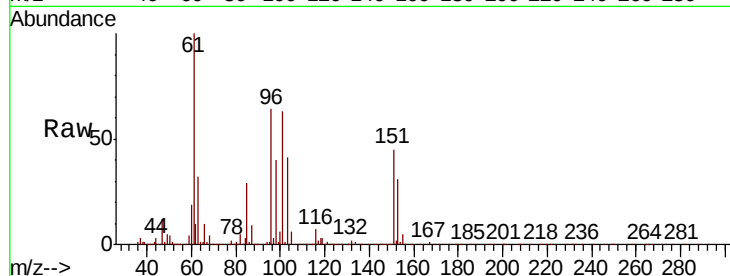
Tot Ion:101 Resp: 137409

Ion Ratio Lower Upper

101 100

85 44.1 34.0 51.0

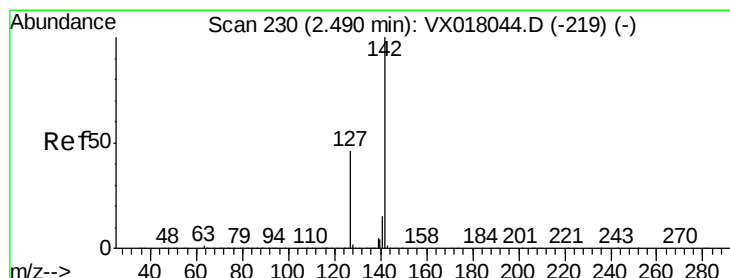
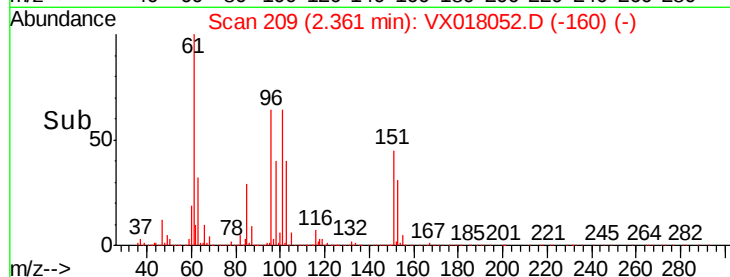
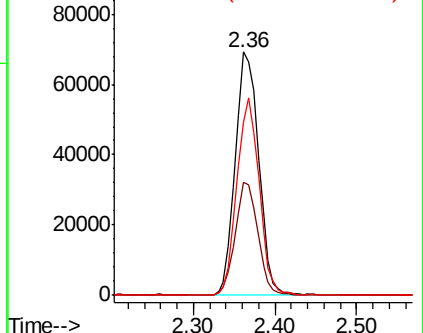
151 76.8 65.2 97.8



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: 22.673 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

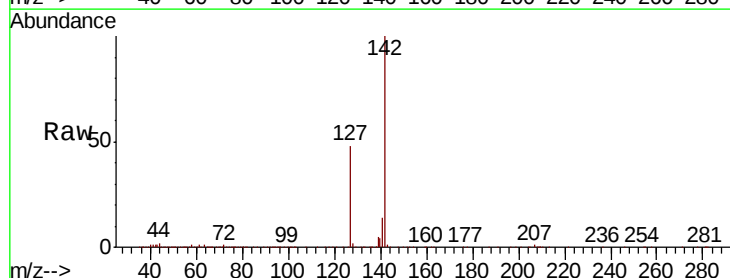
Tgt Ion:142 Resp: 139265

Ion Ratio Lower Upper

142 100

127 46.6 37.0 55.6

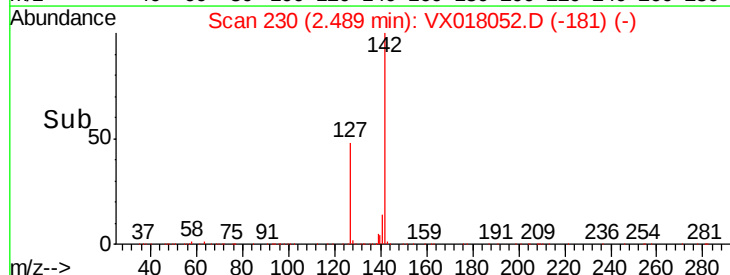
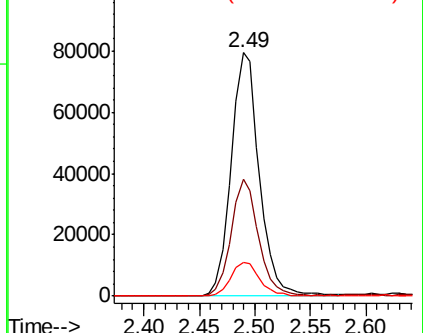
141 14.5 11.5 17.3

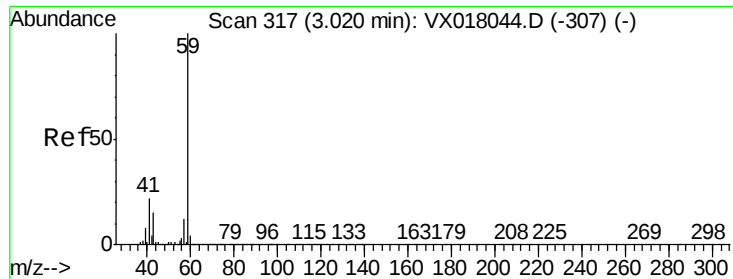


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

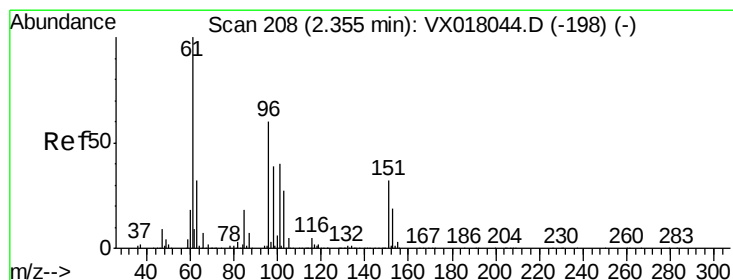
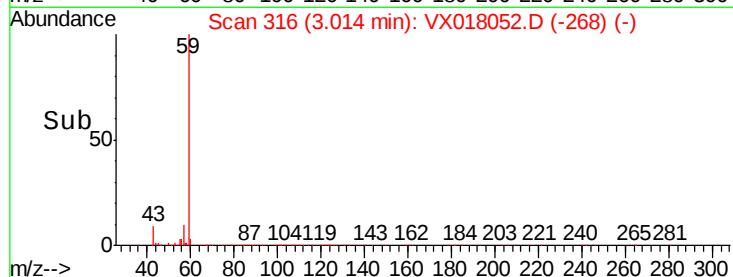
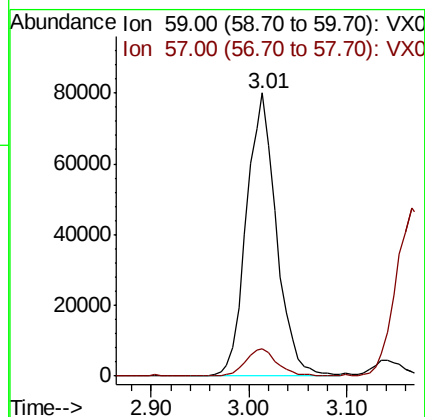
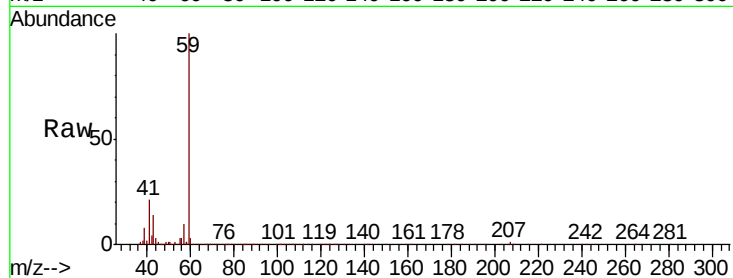




#11
Tert butyl alcohol
Concen: 88.622 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

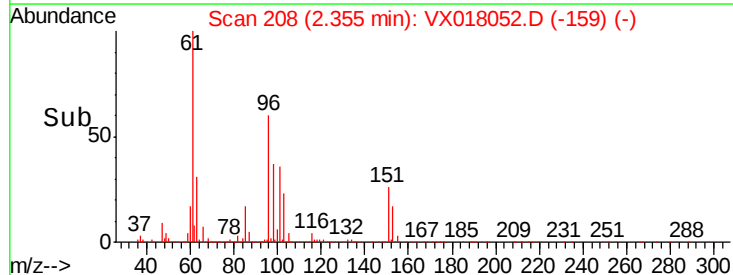
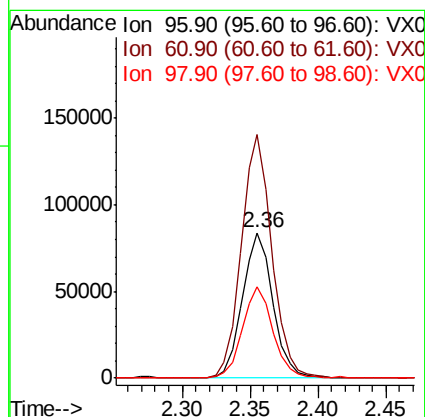
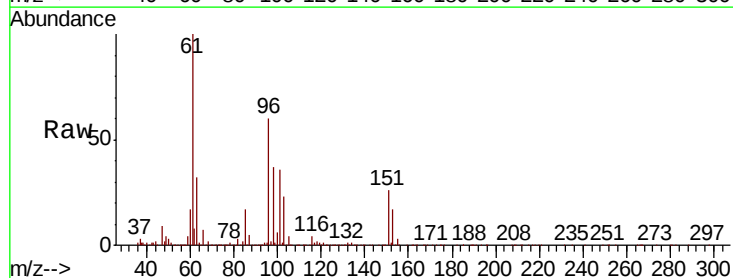
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

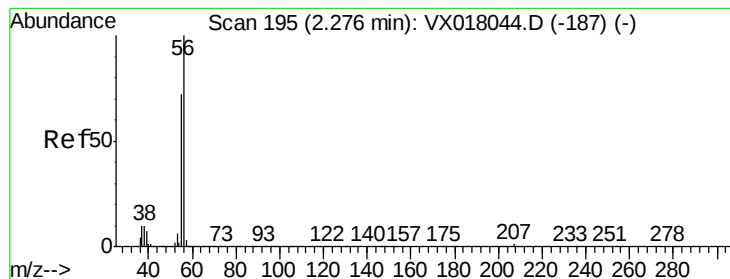
Tot Ion: 59 Resp: 170022
Ion Ratio Lower Upper
59 100
57 10.1 8.9 13.3



#12
1,1-Dichloroethene
Concen: 18.773 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion: 96 Resp: 130393
Ion Ratio Lower Upper
96 100
61 167.8 133.0 199.4
98 62.4 51.6 77.4





#13

Acrolein

Concen: 83.648 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

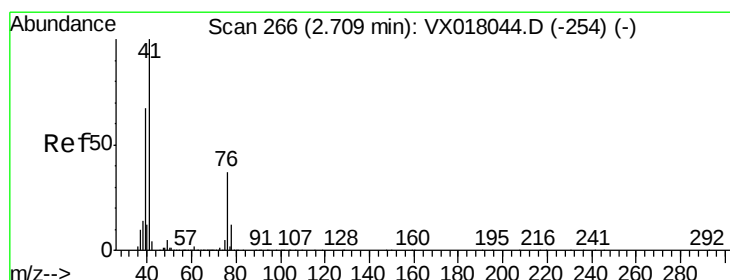
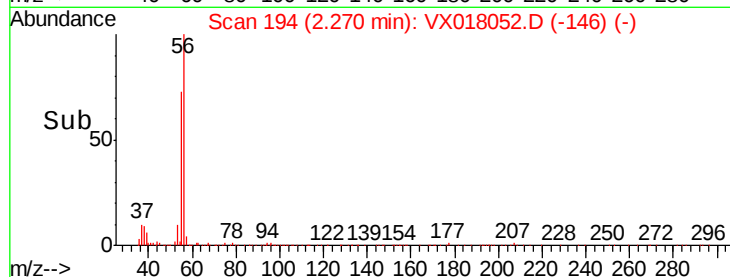
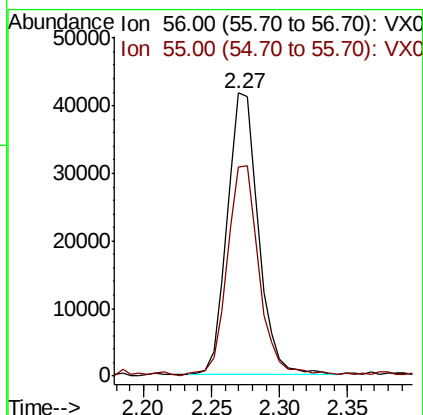
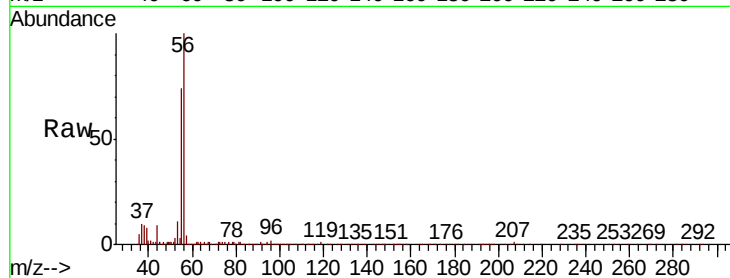
VX0821WBS02

Tot Ion: 56 Resp: 66541

Ion Ratio Lower Upper

56 100

55 77.2 57.0 85.6



#14

Allyl chloride

Concen: 22.007 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

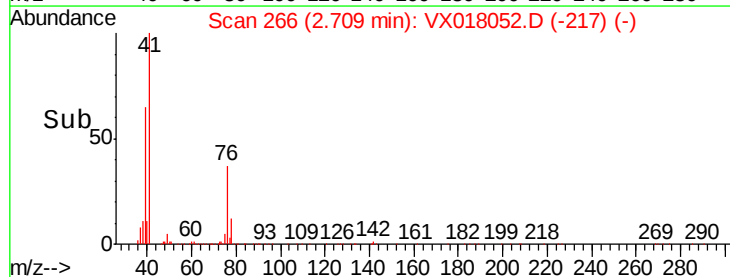
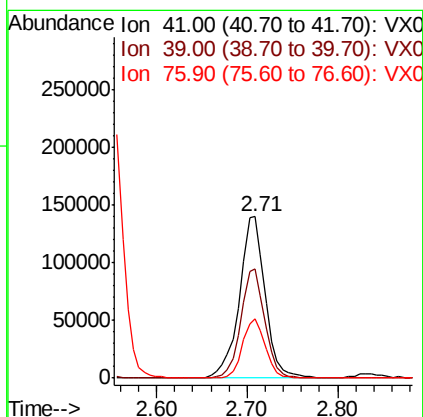
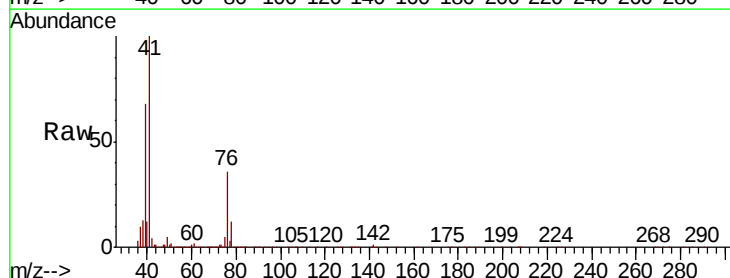
Tgt Ion: 41 Resp: 274623

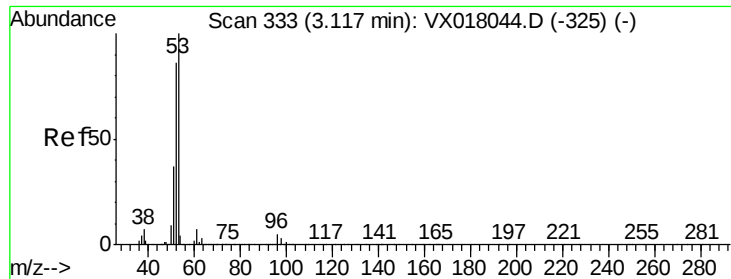
Ion Ratio Lower Upper

41 100

39 62.9 50.6 76.0

76 32.1 26.2 39.2

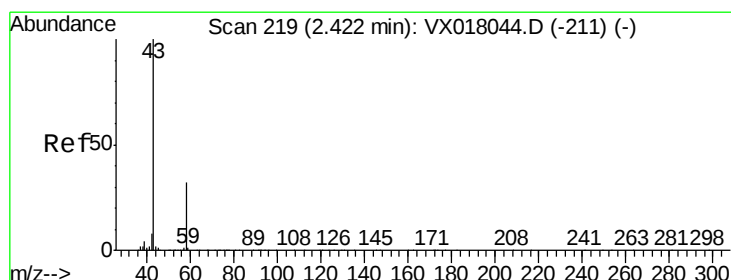
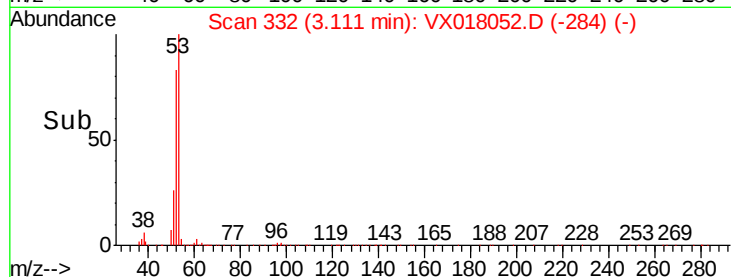
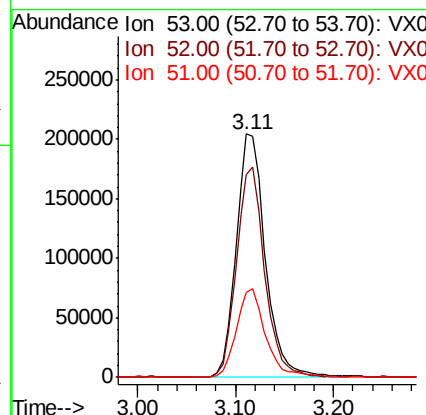
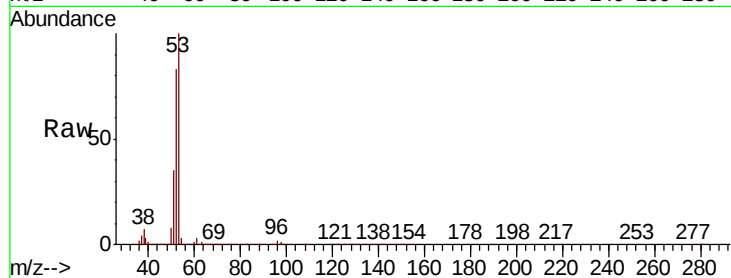




#15
 Acrylonitrile
 Concen: 96.709 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

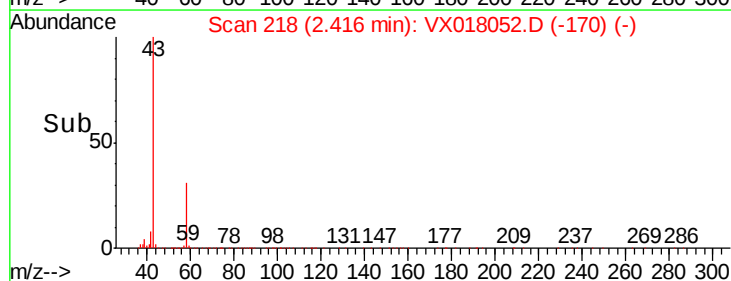
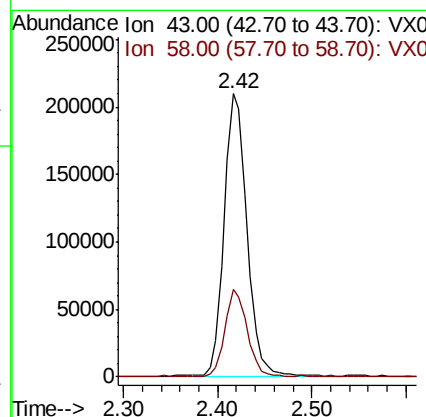
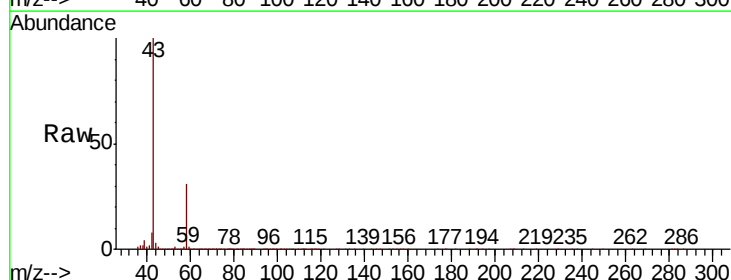
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0821WBS02

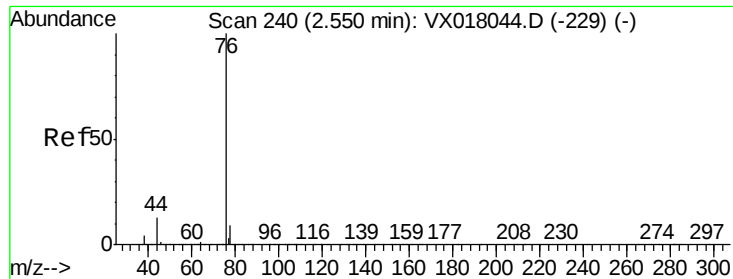
Tot Ion:	53	Resp:	420865
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.9	100.3
51	36.3	28.7	43.1



#16
 Acetone
 Concen: 91.168 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Tgt Ion:	43	Resp:	350522
Ion	Ratio	Lower	Upper
43	100		
58	31.0	25.5	38.3

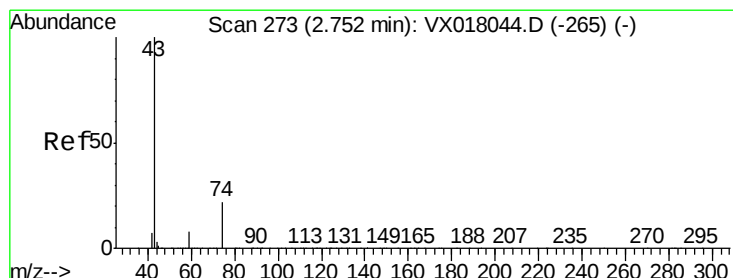
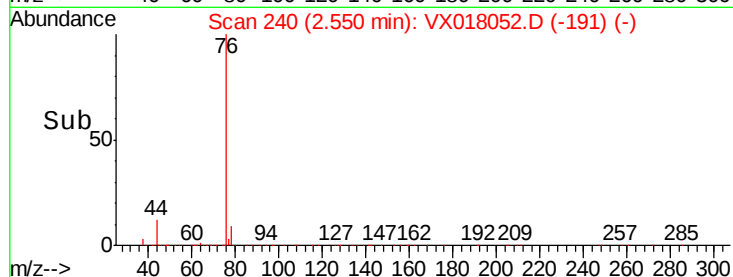
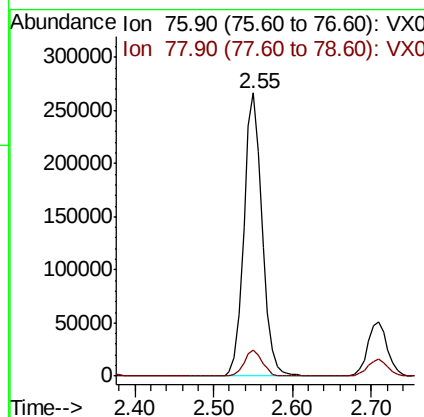
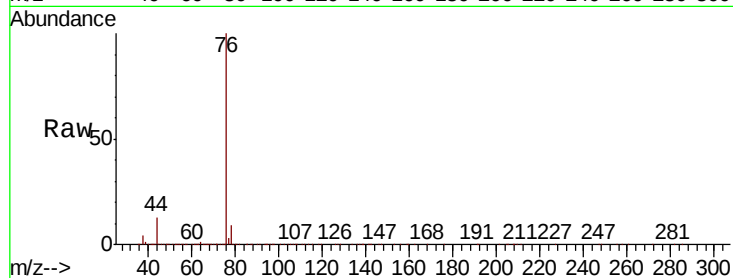




#17
Carbon Disulfide
Concen: 20.144 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

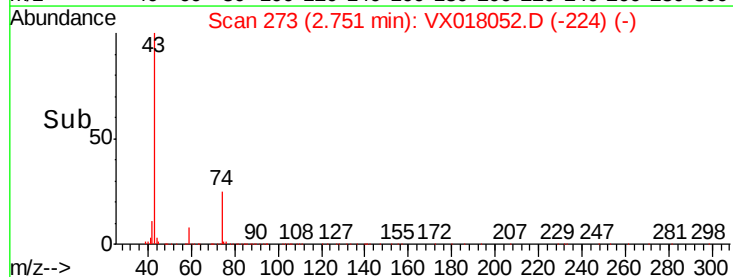
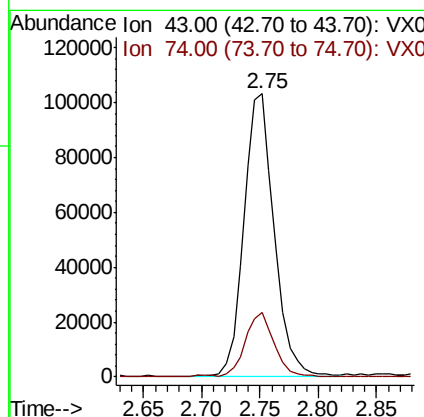
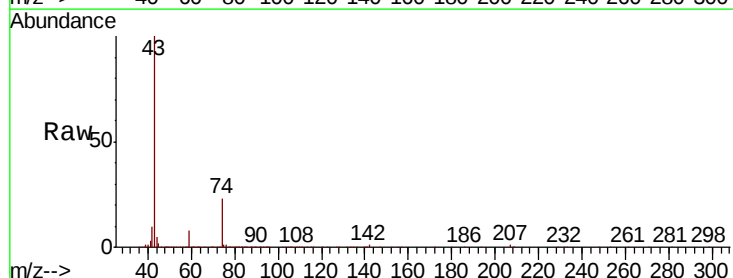
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

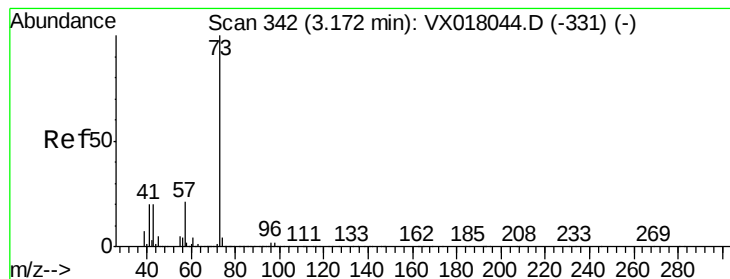
Tot Ion: 76 Resp: 422963
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 19.986 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion: 43 Resp: 185430
Ion Ratio Lower Upper
43 100
74 20.9 18.2 27.4



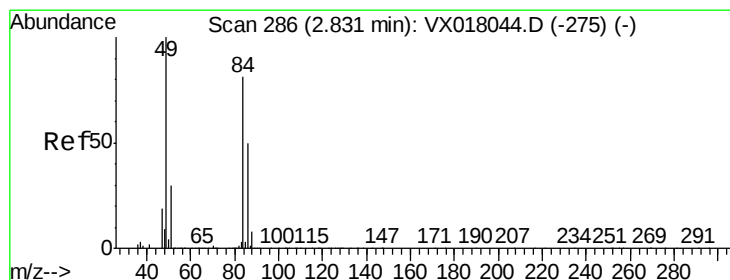
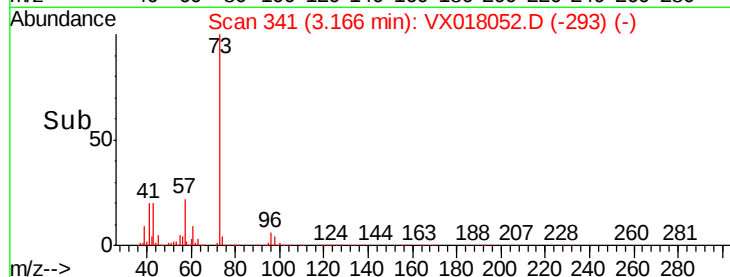
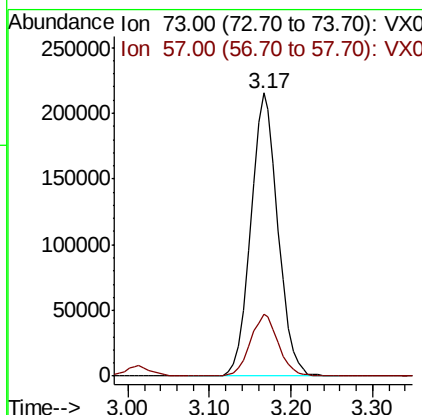
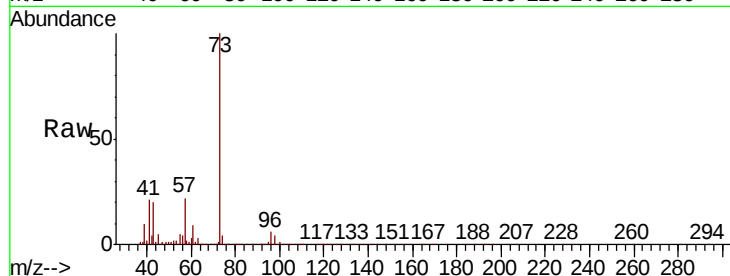


#19

Methyl tert-butyl Ether
 Concen: 20.916 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

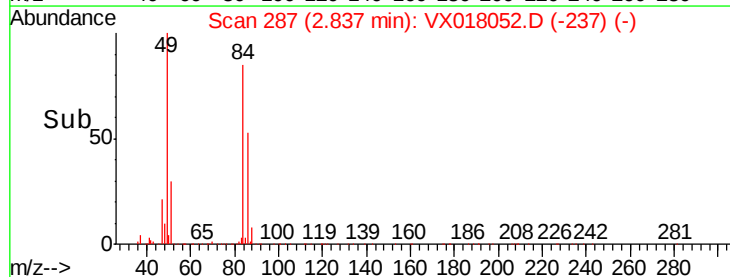
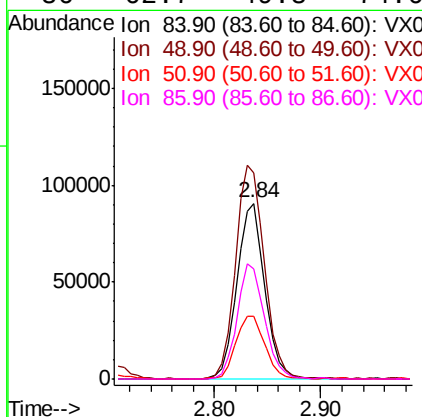
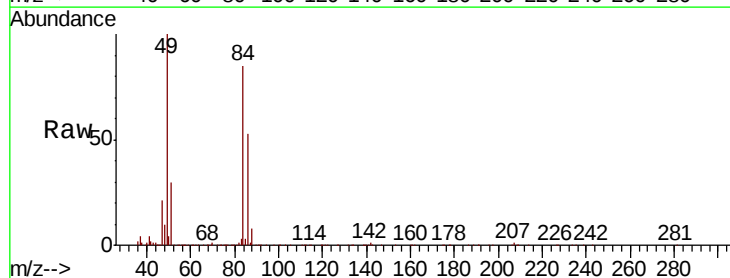
Tot Ion: 73 Resp: 498234
 Ion Ratio Lower Upper
 73 100
 57 22.0 16.8 25.2

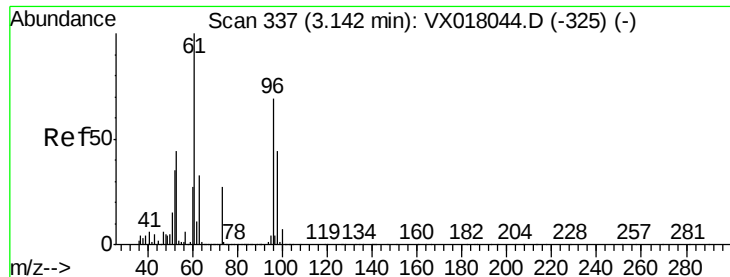


#20

Methylene Chloride
 Concen: 20.485 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Tgt Ion: 84 Resp: 166458
 Ion Ratio Lower Upper
 84 100
 49 117.4 98.6 148.0
 51 35.1 29.6 44.4
 86 62.7 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 20.053 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

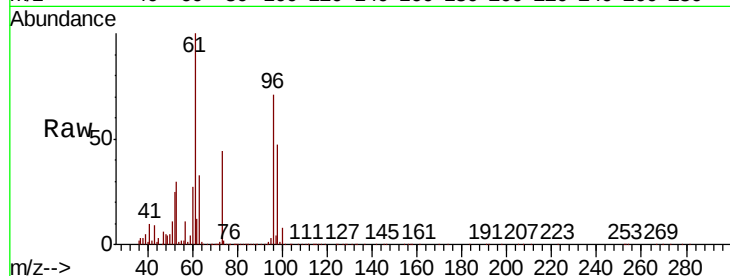
Tot Ion: 96 Resp: 154312

Ion Ratio Lower Upper

96 100

61 140.5 115.4 173.0

98 66.4 51.1 76.7

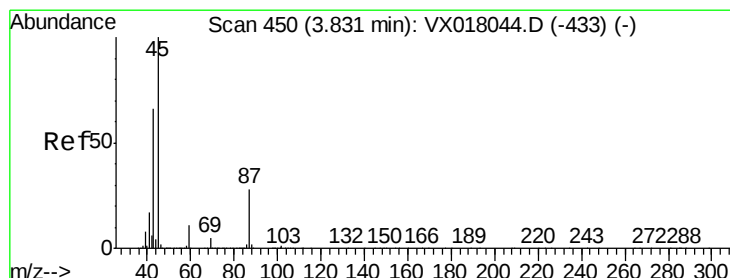
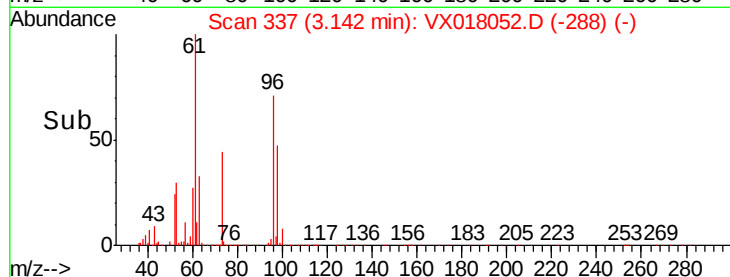
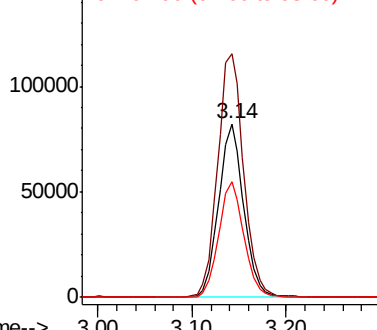


Abundance

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: 21.479 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Tgt Ion: 45 Resp: 529012

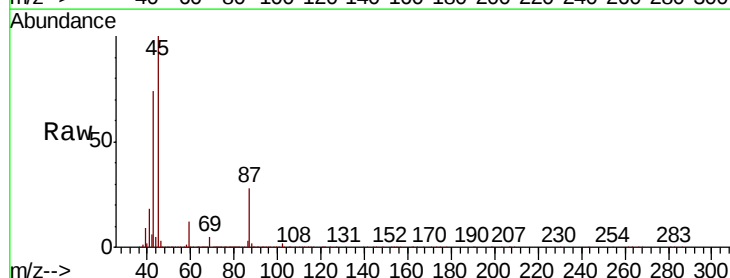
Ion Ratio Lower Upper

45 100

43 73.9 52.8 79.2

87 28.0 22.5 33.7

59 11.6 9.0 13.6



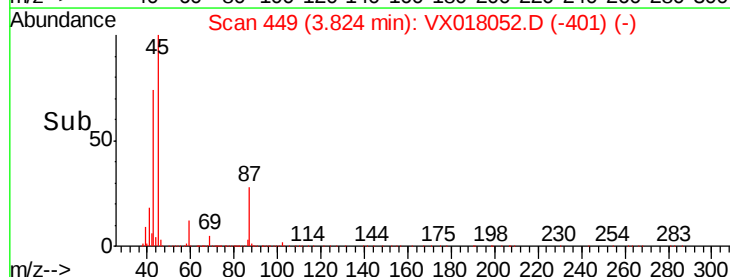
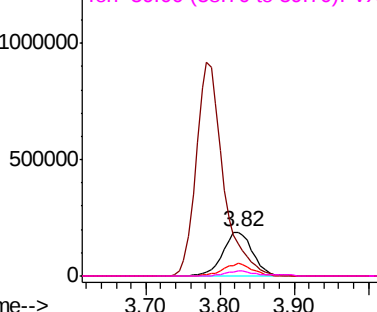
Abundance

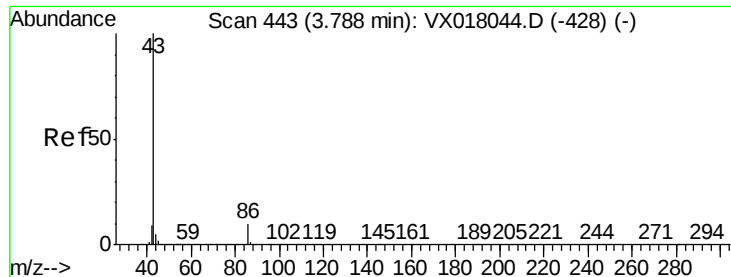
Ion 45.00 (44.70 to 45.70): VX0

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: 107.120 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleID :

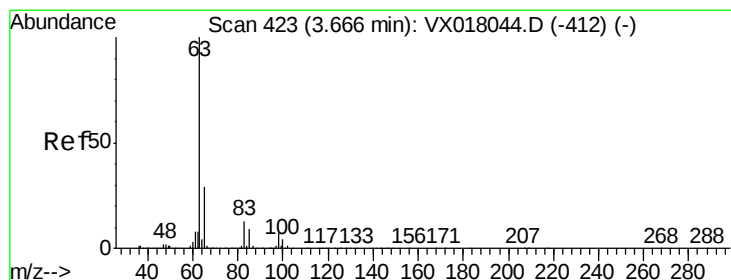
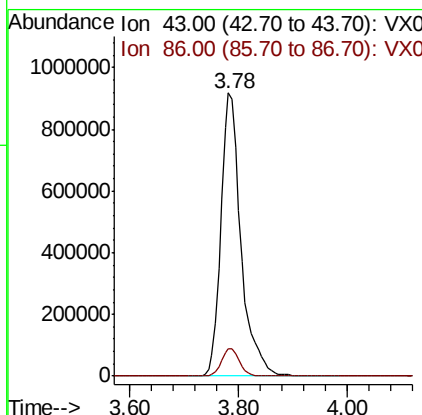
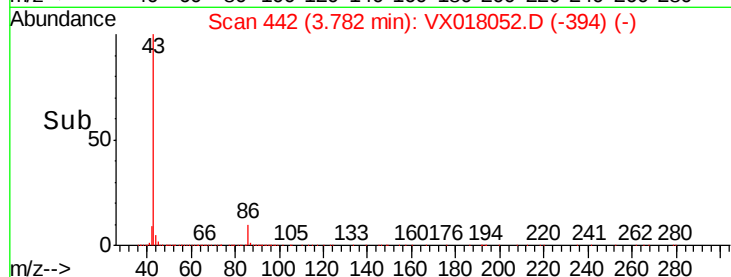
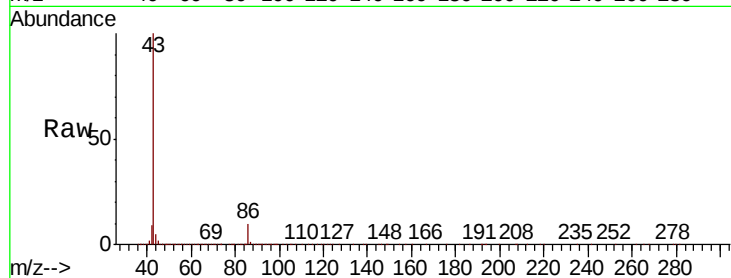
VX0821WBS02

Tot Ion: 43 Resp: 2347599

Ion Ratio Lower Upper

43 100

86 9.7 7.9 11.9



#24

1,1-Dichloroethane

Concen: 20.756 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

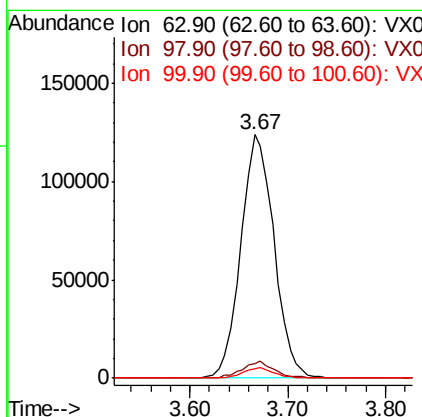
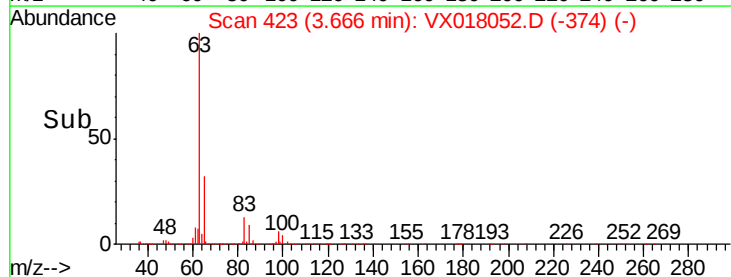
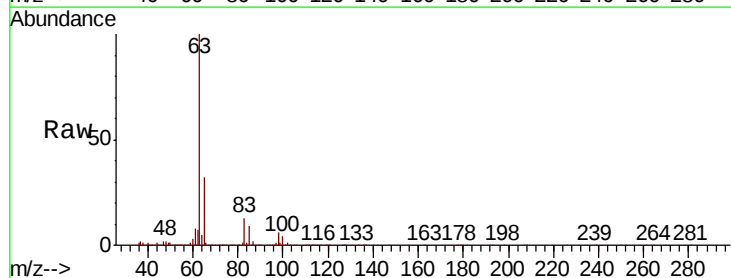
Tgt Ion: 63 Resp: 291011

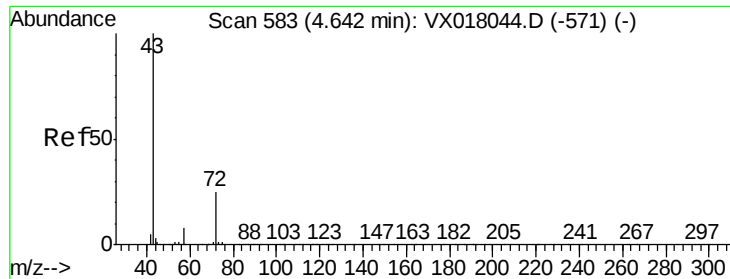
Ion Ratio Lower Upper

63 100

98 6.0 3.6 10.8

100 3.9 2.0 6.0

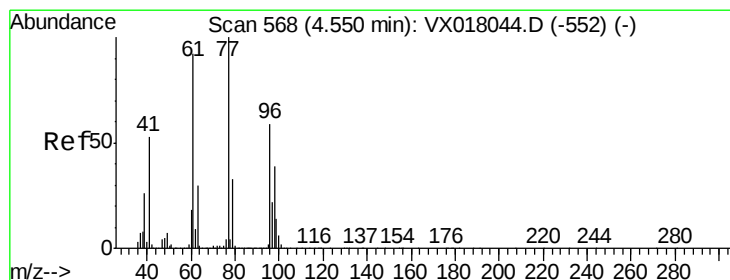
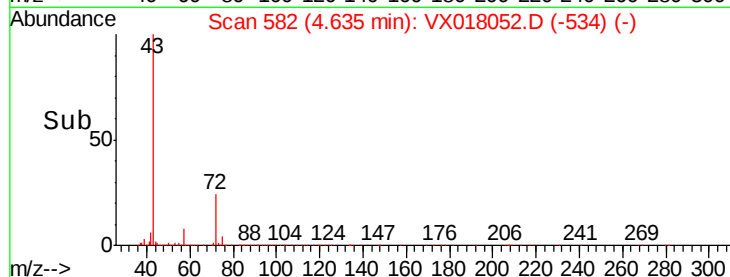
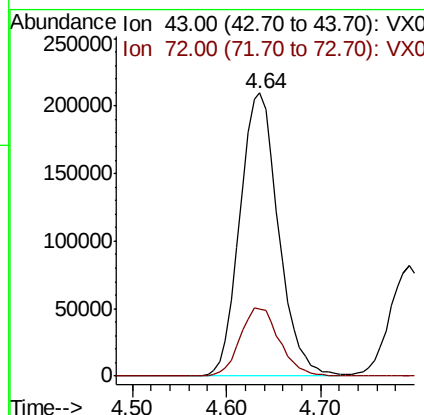
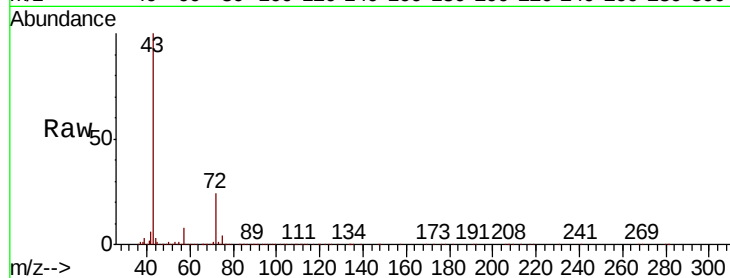




#25
2-Butanone
Concen: 94.926 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

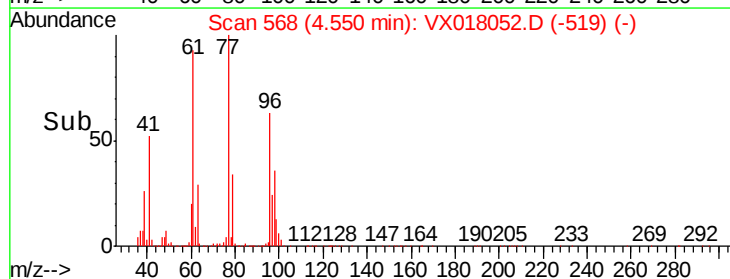
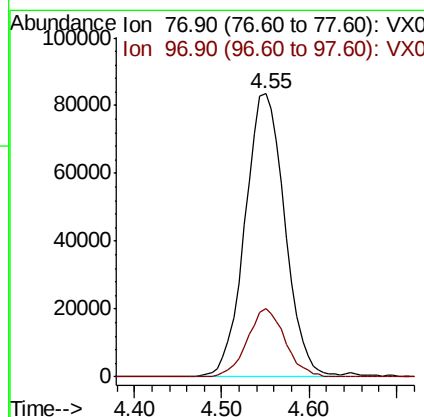
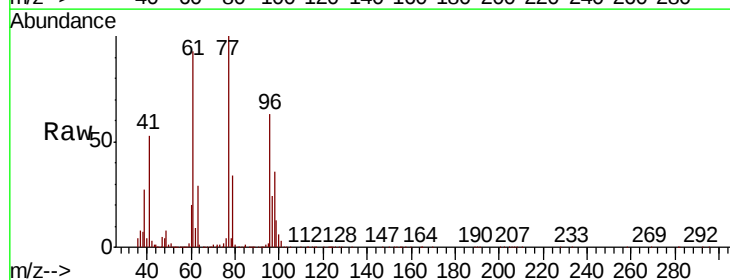
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

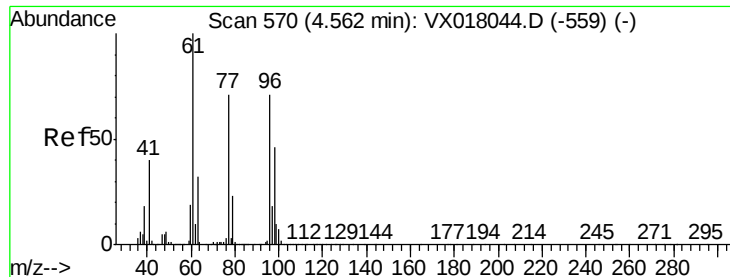
Tot Ion: 43 Resp: 599811
Ion Ratio Lower Upper
43 100
72 23.6 19.8 29.6



#26
2,2-Dichloropropane
Concen: 23.129 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion: 77 Resp: 263842
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.5



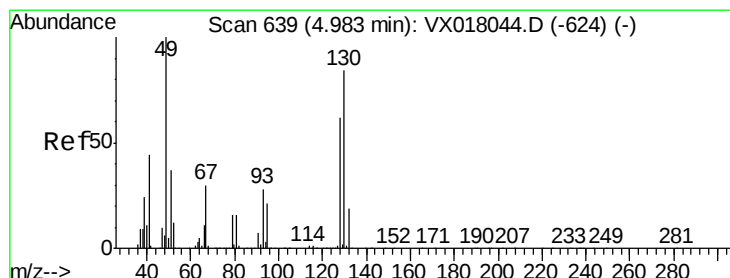
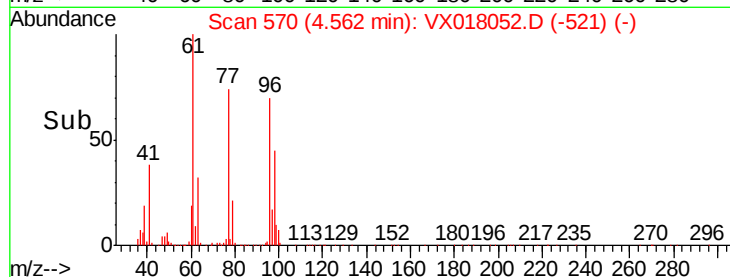
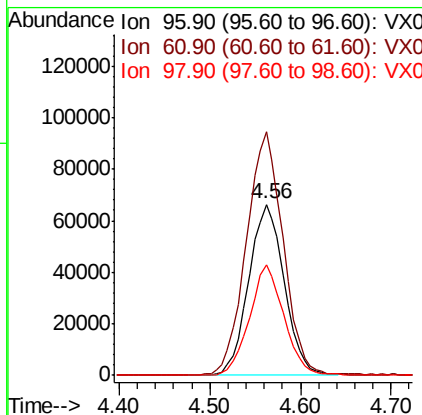
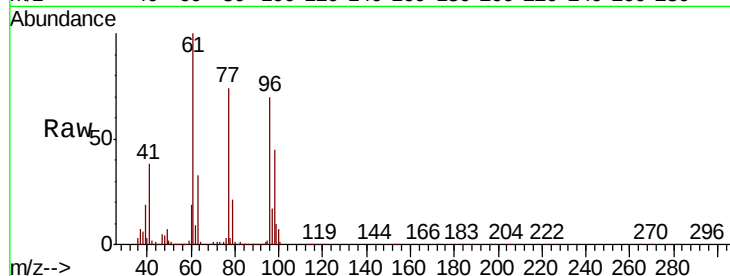


#27

cis-1,2-Dichloroethene
Concen: 20.354 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

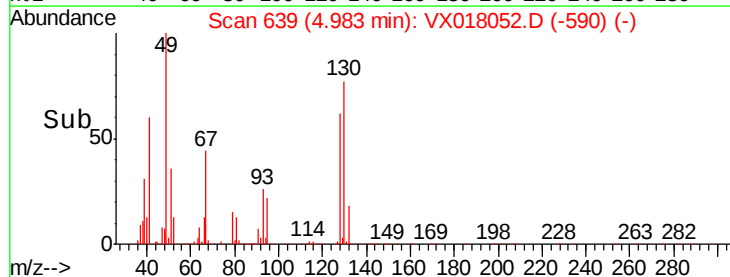
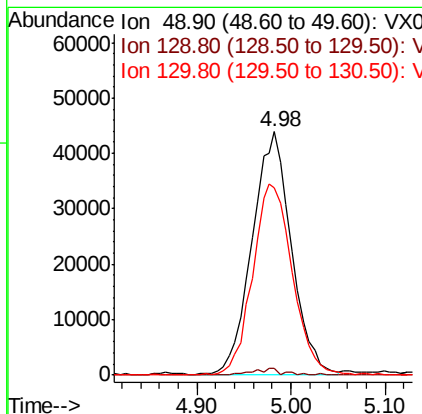
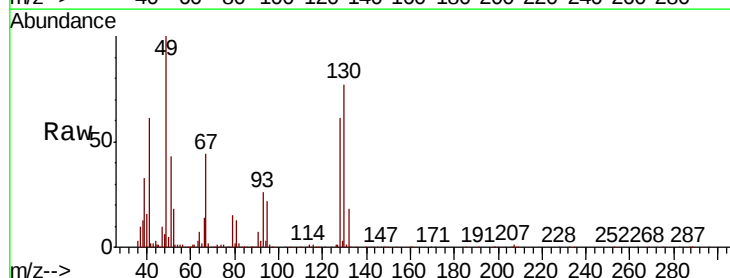
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	296.6
98	62.5	0.0	130.2

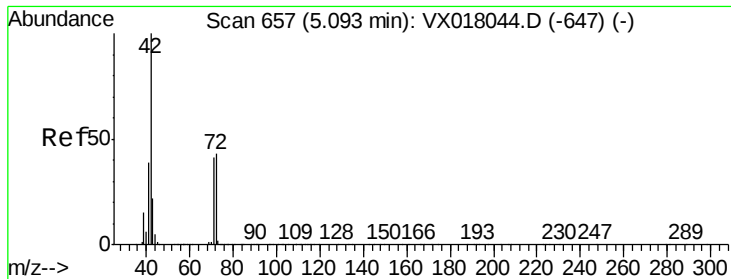


#28

Bromochloromethane
Concen: 18.953 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.6
130	79.6	64.6	96.8

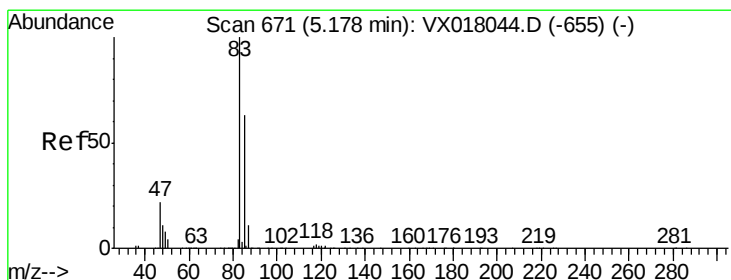
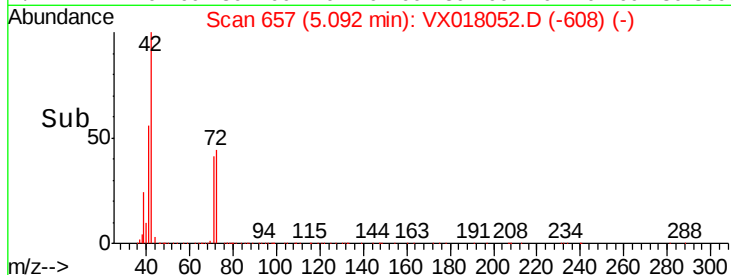
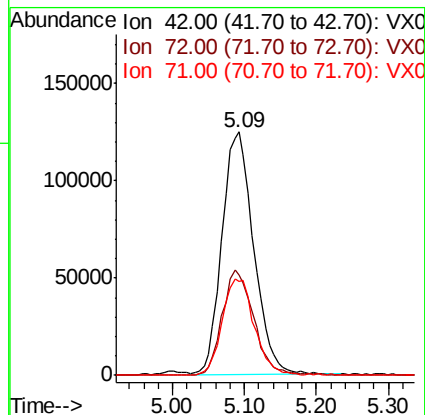
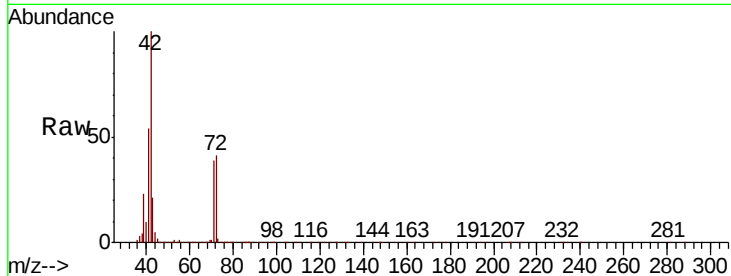




#29
Tetrahydrofuran
Concen: 95.105 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

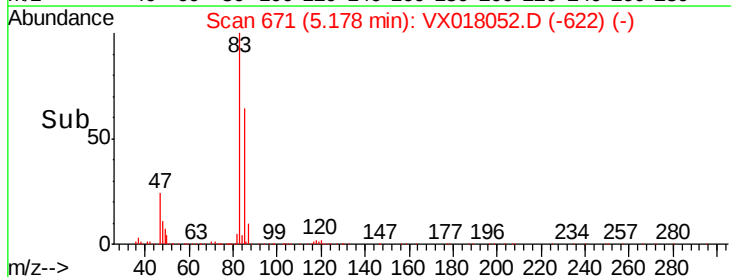
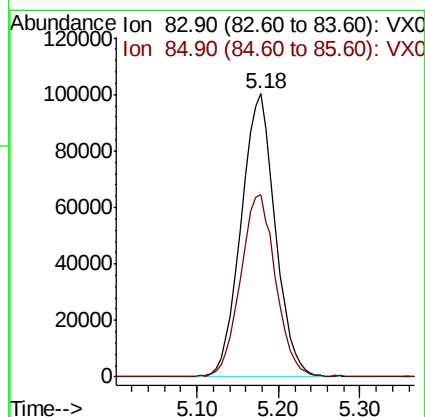
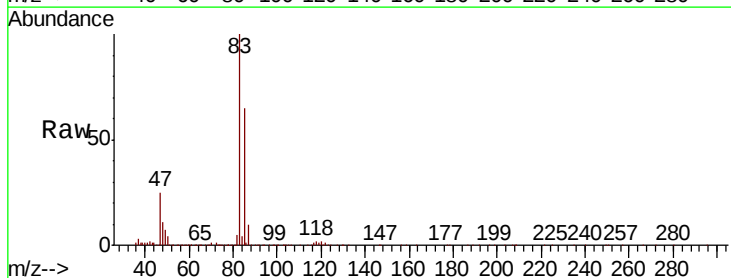
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

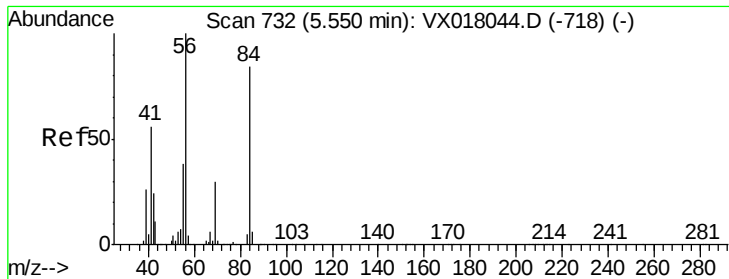
Tot Ion: 42 Resp: 382550
Ion Ratio Lower Upper
42 100
72 42.7 34.2 51.4
71 40.1 32.1 48.1



#30
Chloroform
Concen: 20.126 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion: 83 Resp: 292178
Ion Ratio Lower Upper
83 100
85 64.4 50.7 76.1

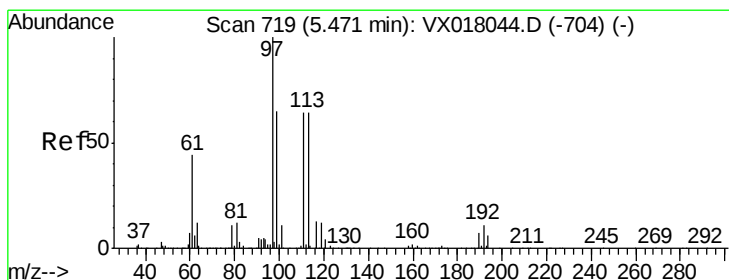
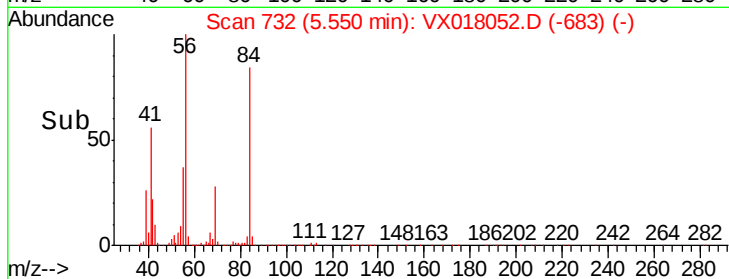
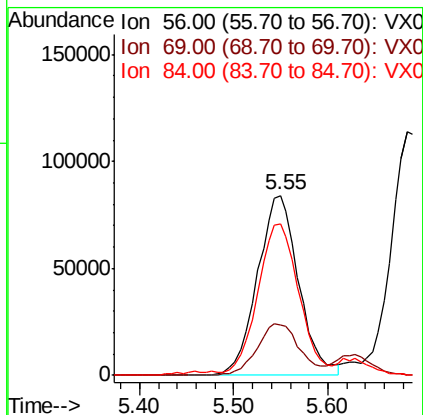
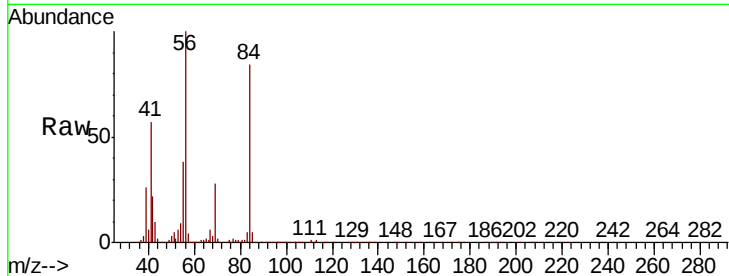




#31
Cyclohexane
Concen: 21.656 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

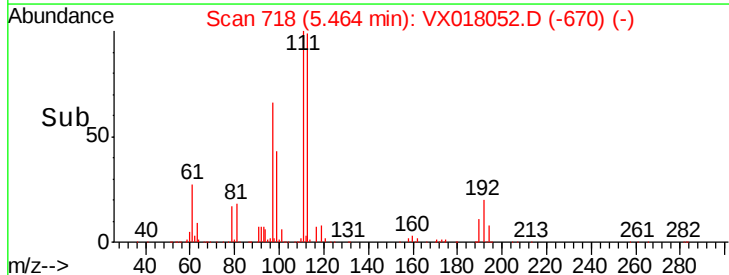
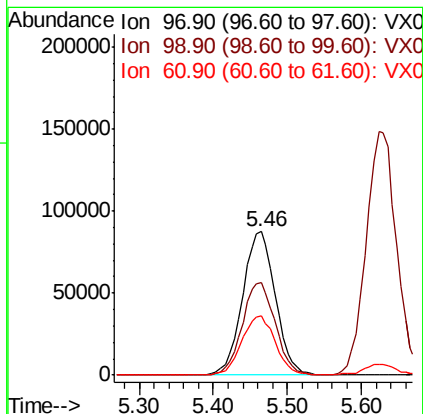
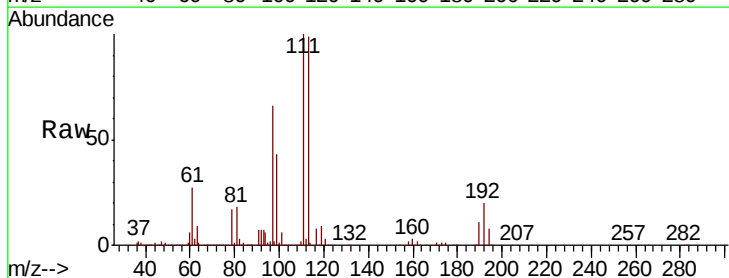
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

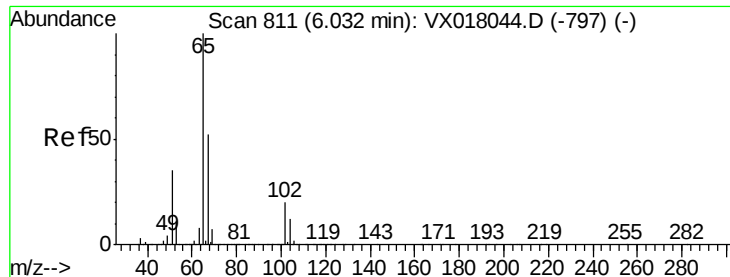
Tot Ion	Ratio	Lower	Upper
56	100		
69	28.3	23.9	35.9
84	83.1	67.0	100.4



#32
1,1,1-Trichloroethane
Concen: 20.341 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	41.7	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 46.382 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

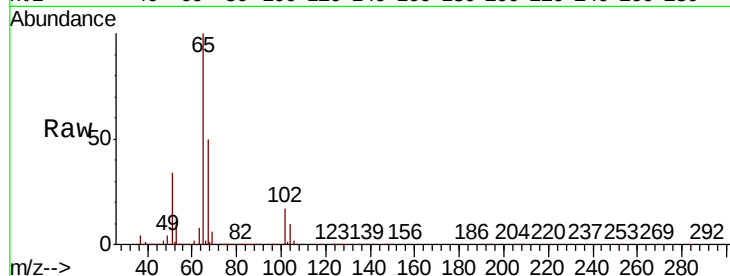
VX0821WBS02

Tot Ion: 65 Resp: 457653

Ion Ratio Lower Upper

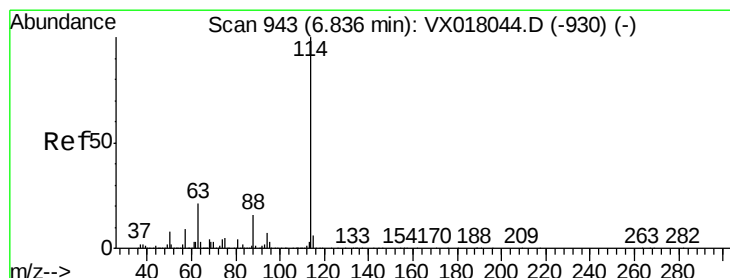
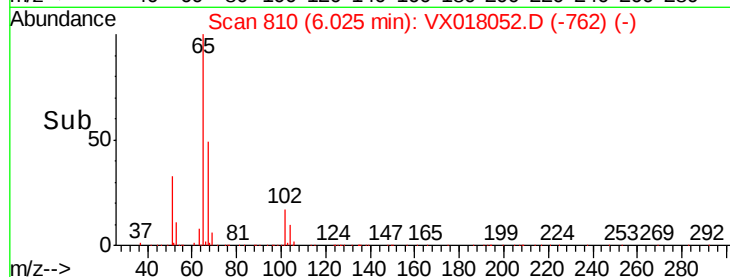
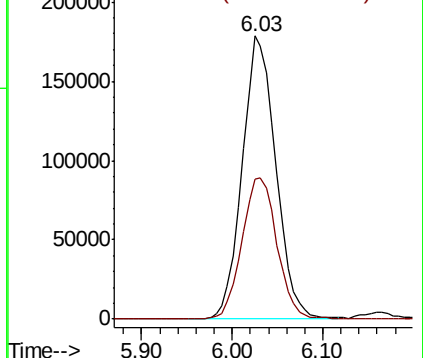
65 100

67 52.2 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

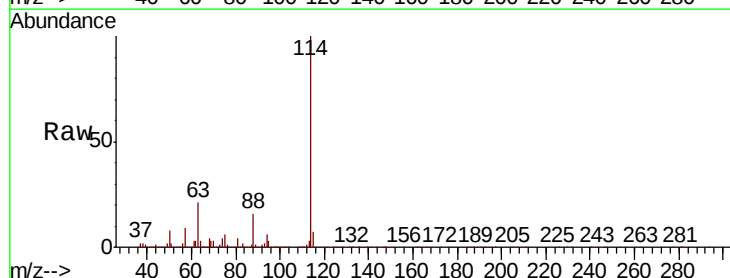
Tgt Ion: 114 Resp: 1119445

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

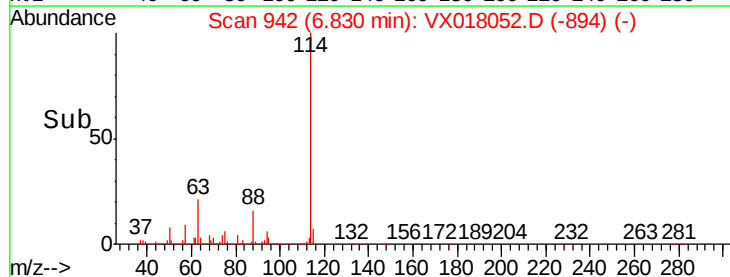
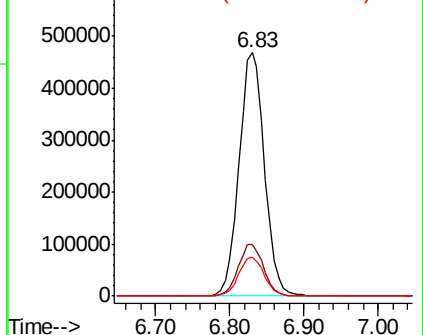
88 16.1 0.0 31.8

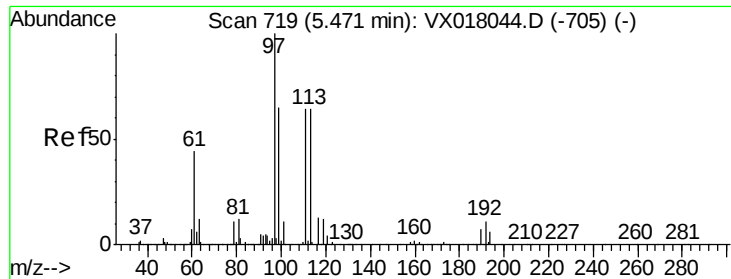


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.080 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

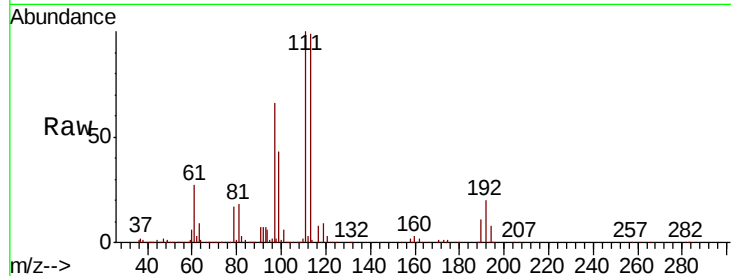
Tot Ion:113 Resp: 366561

Ion Ratio Lower Upper

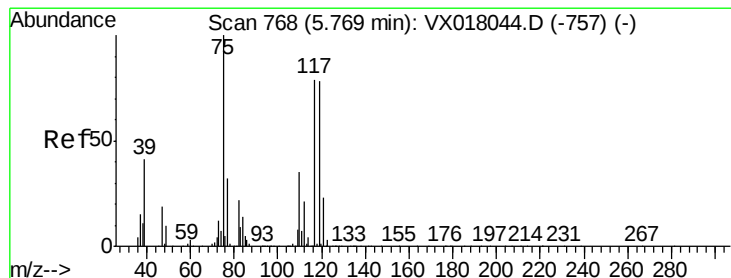
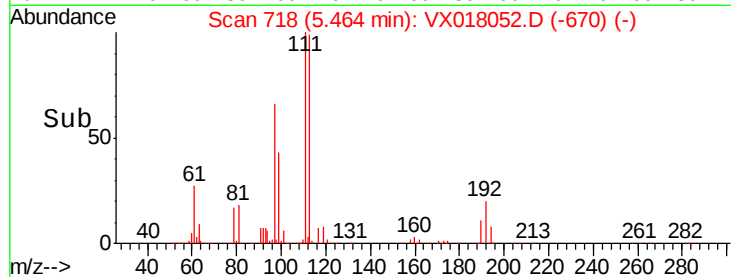
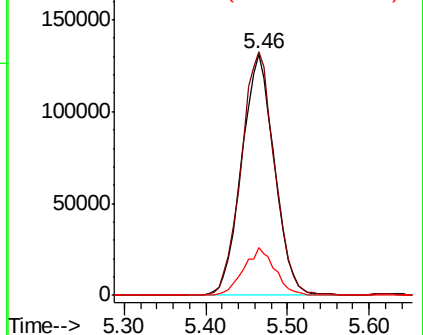
113 100

111 102.5 81.6 122.4

192 19.0 15.8 23.8



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: 21.671 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

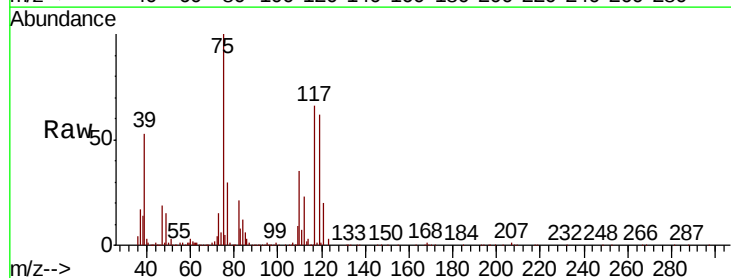
Tgt Ion: 75 Resp: 223753

Ion Ratio Lower Upper

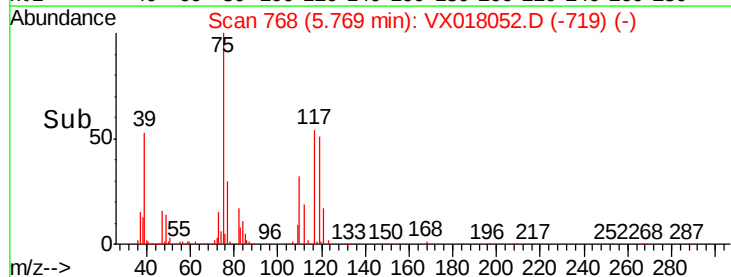
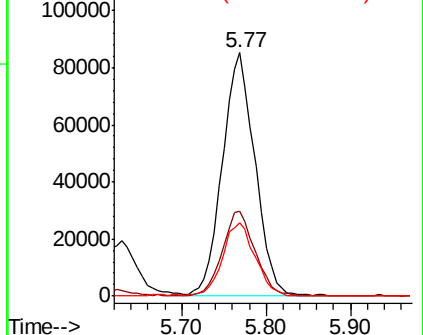
75 100

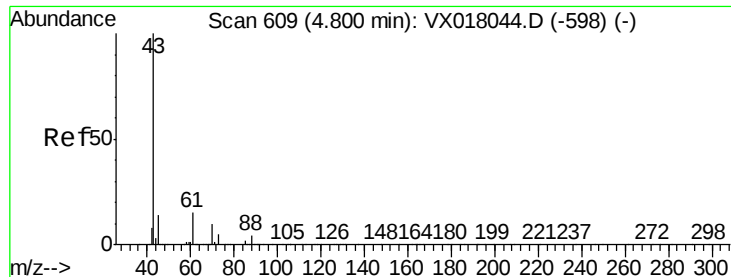
110 35.3 18.0 54.0

77 29.5 24.4 36.6



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

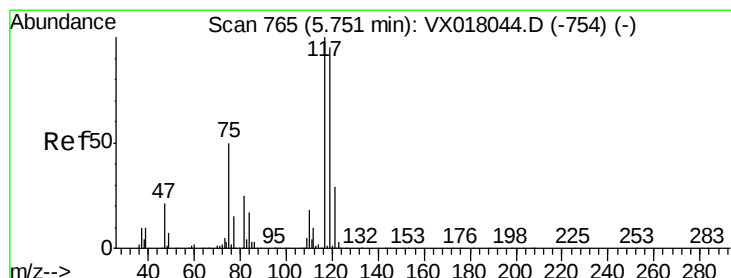
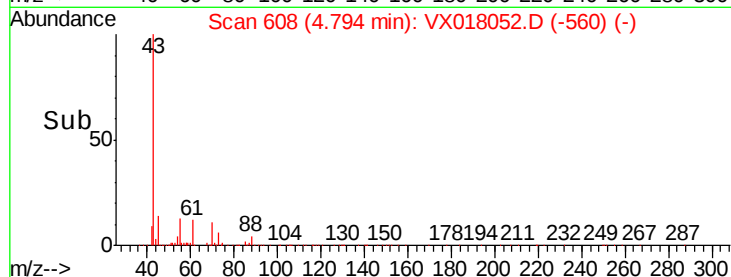
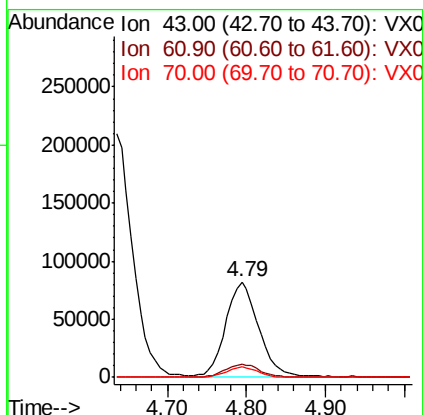
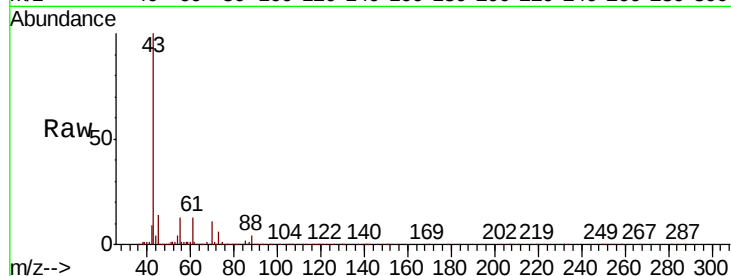




#37
Ethyl Acetate
Concen: 19.791 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

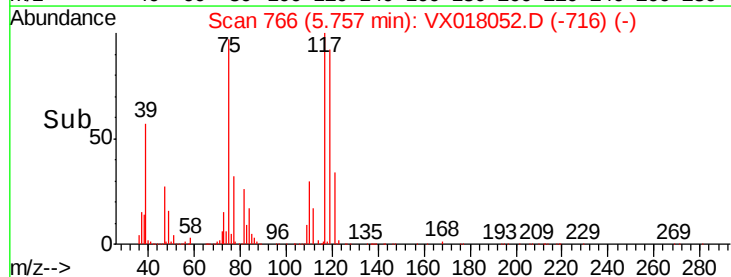
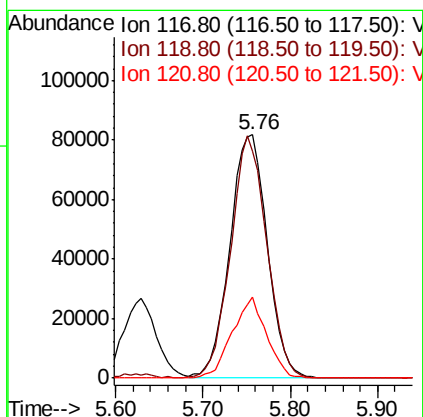
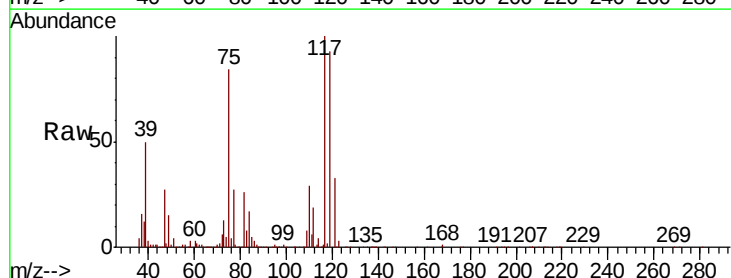
Instrument :
MSVOA_X
ClientSampled :
VX0821WBS02

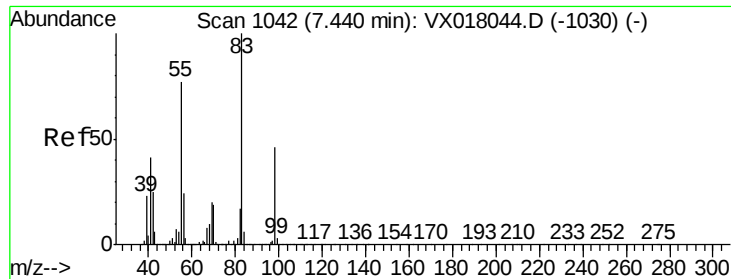
Tot Ion: 43 Resp: 237331
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 10.5 8.2 12.4



#38
Carbon Tetrachloride
Concen: 20.832 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion: 117 Resp: 242400
Ion Ratio Lower Upper
117 100
119 93.2 75.8 113.6
121 33.2 23.4 35.0

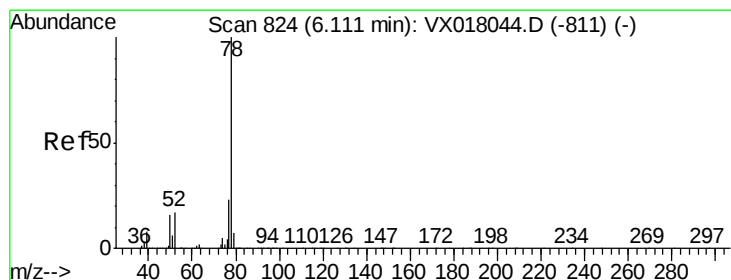
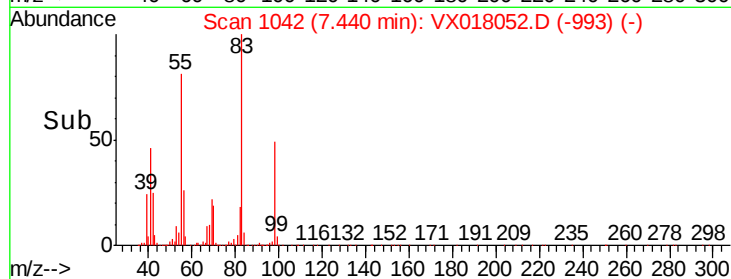
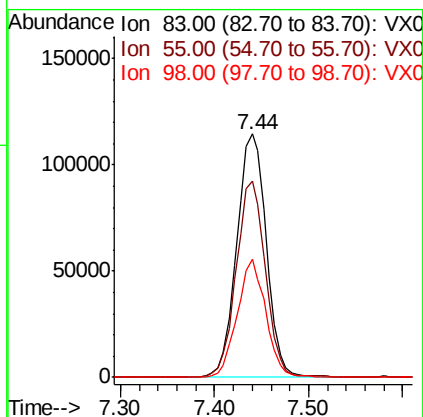
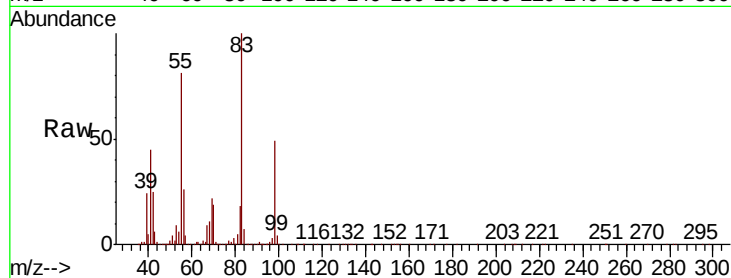




#39
Methvlcvclohexane
Concen: 22.255 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

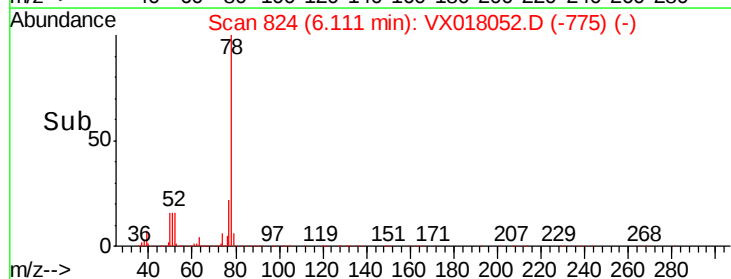
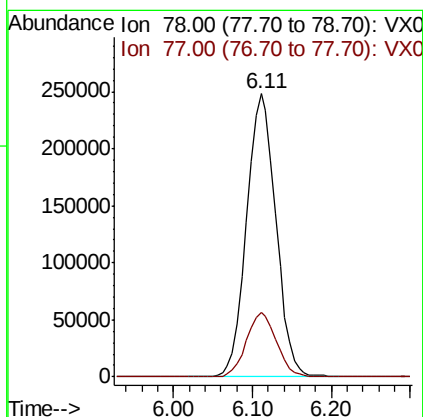
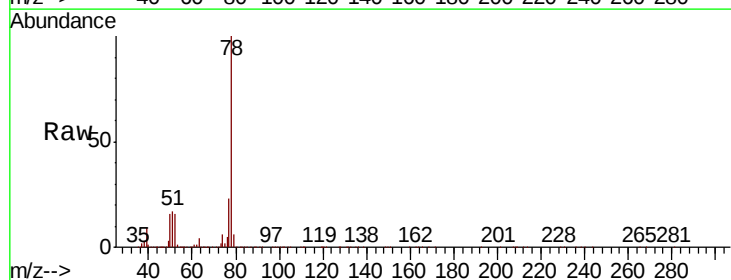
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

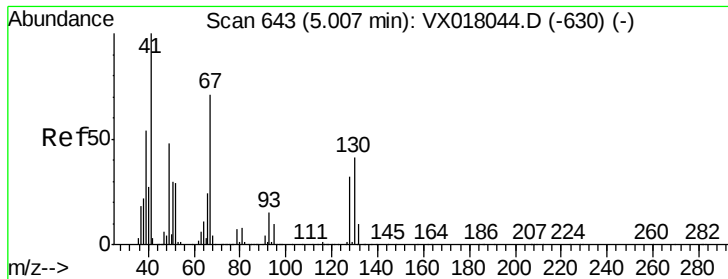
Tot Ion	Ratio	Lower	Upper
83	100		
55	80.5	61.8	92.6
98	48.8	36.6	55.0



#40
Benzene
Concen: 21.100 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.2	27.2

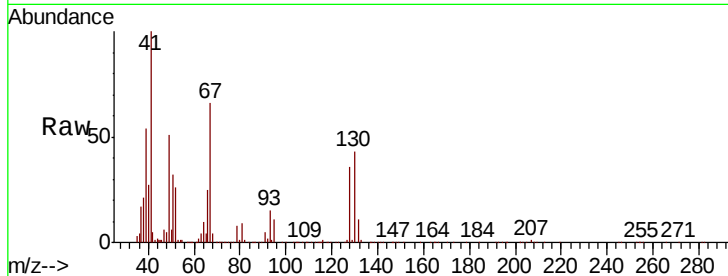




#41
Methacrylonitrile
Concen: 19.552 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Instrument :
MSVOA_X
ClientSampled :
VX0821WBS02

Tot Ion:	41	Resp:	128743
Ion	Ratio	Lower	Upper
41	100		
39	54.8	43.1	64.7
67	68.6	56.0	84.0
52	29.9	22.7	34.1



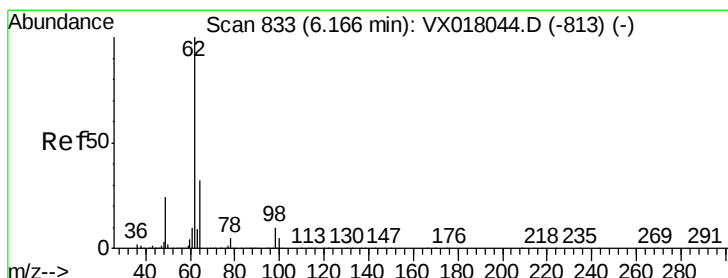
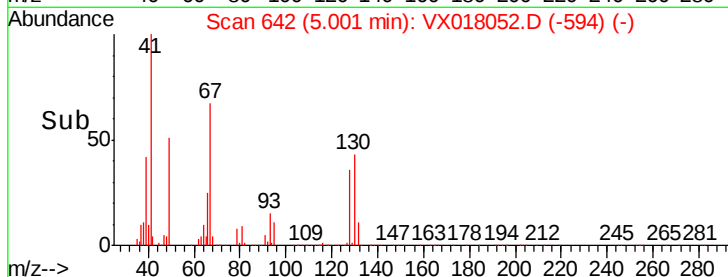
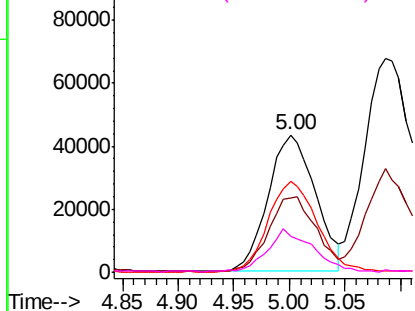
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

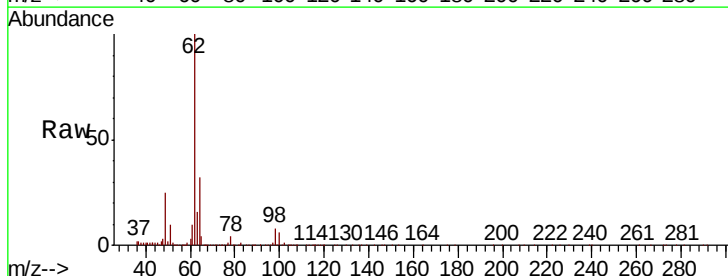
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 20.857 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

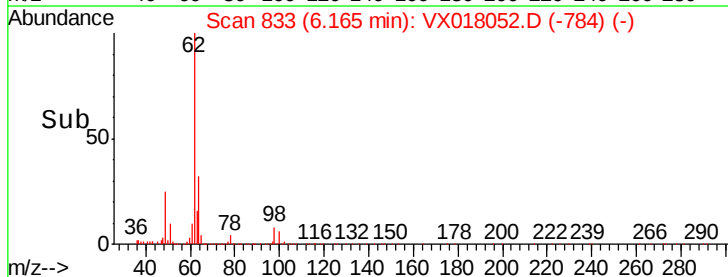
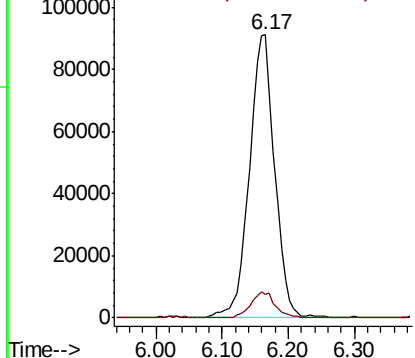
Tgt Ion:	62	Resp:	242449
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2

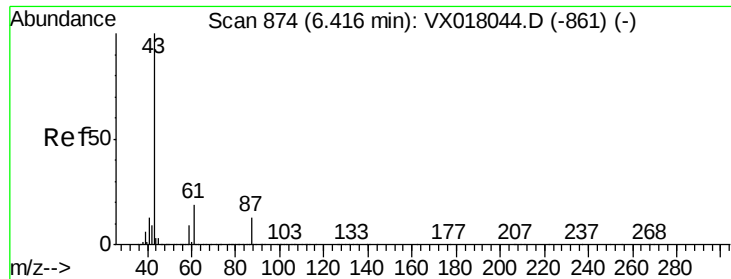


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



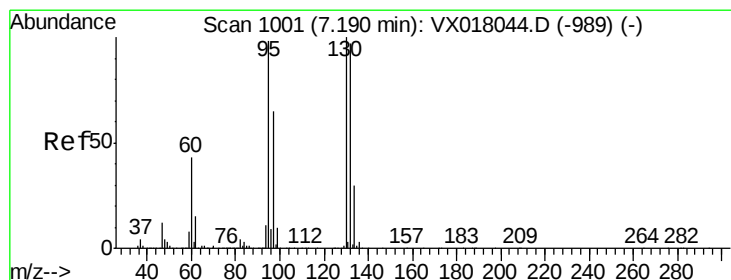
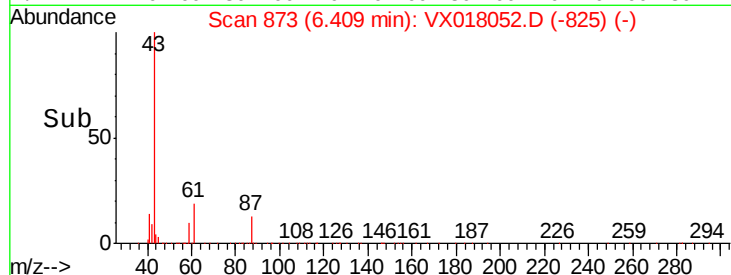
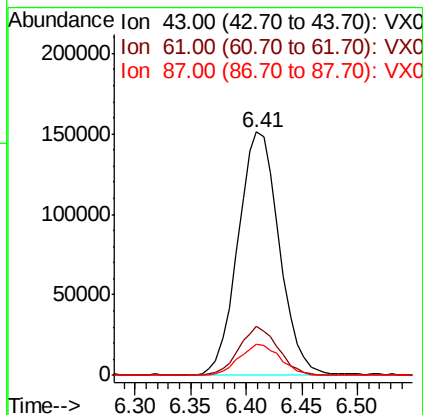
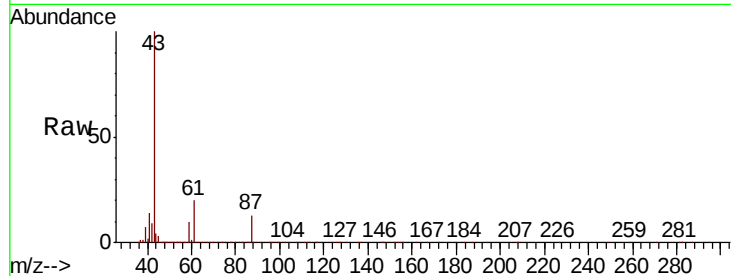


#43

Isopropyl Acetate
 Concen: 19.925 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

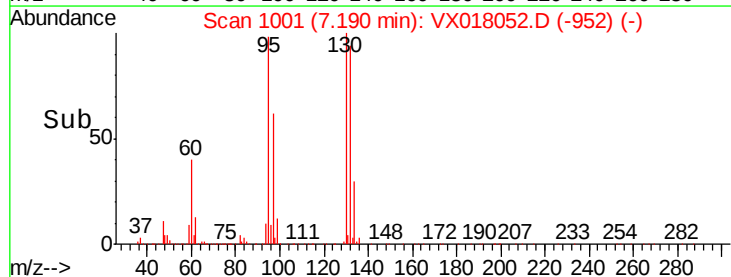
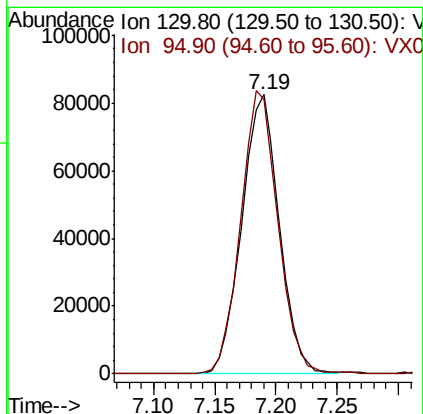
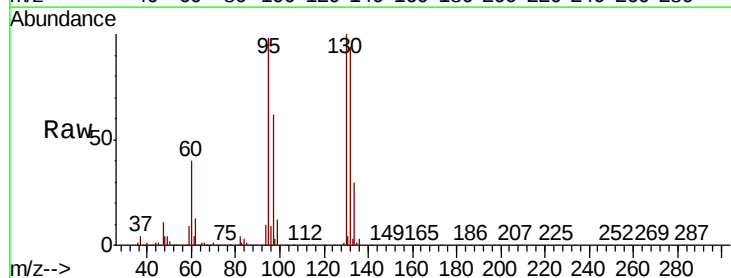
Tot Ion: 43 Resp: 385942
 Ion Ratio Lower Upper
 43 100
 61 19.2 15.7 23.5
 87 12.9 10.3 15.5

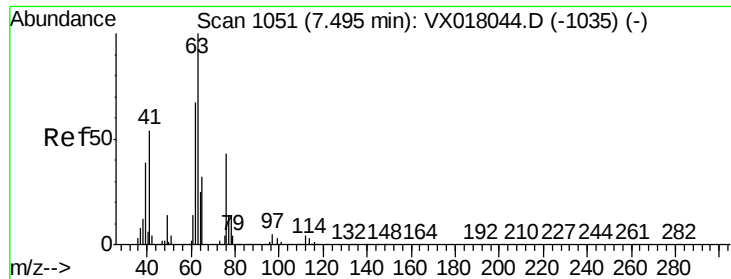


#44

Trichloroethene
 Concen: 20.497 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Tgt Ion: 130 Resp: 175710
 Ion Ratio Lower Upper
 130 100
 95 98.4 0.0 196.4

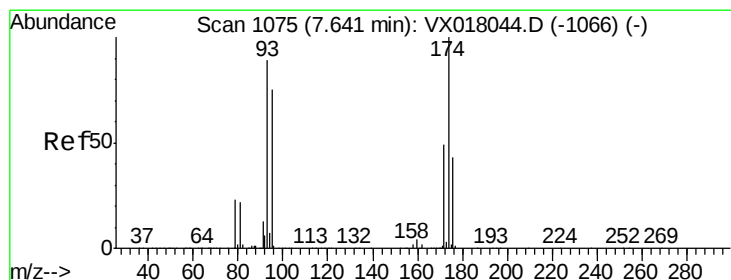
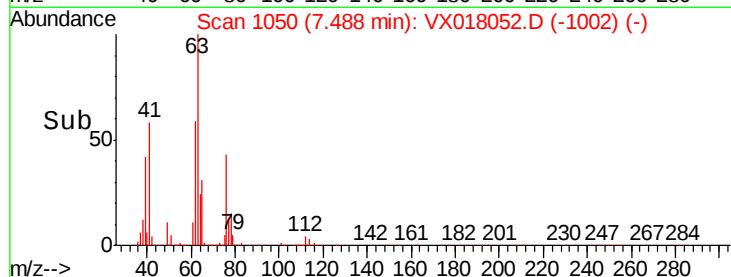
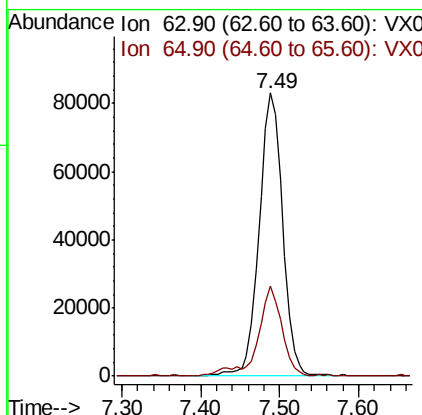
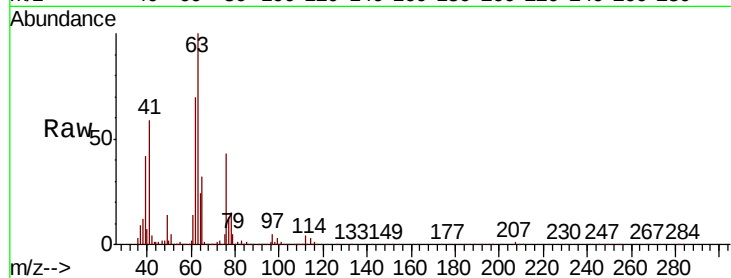




#45
 1,2-Dichloropropane
 Concen: 21.101 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

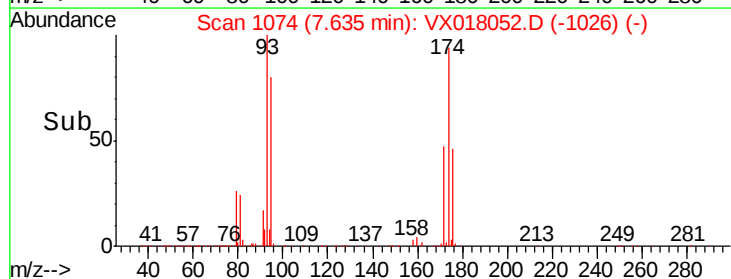
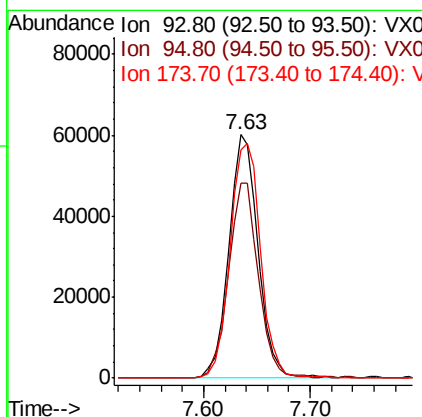
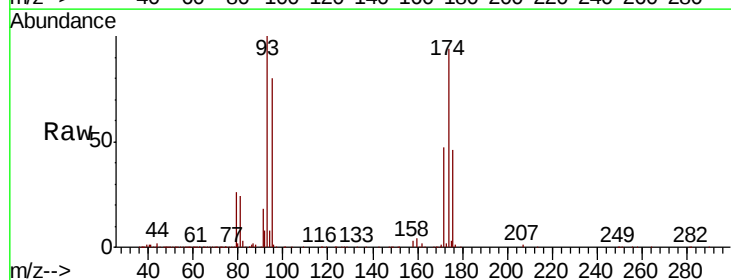
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

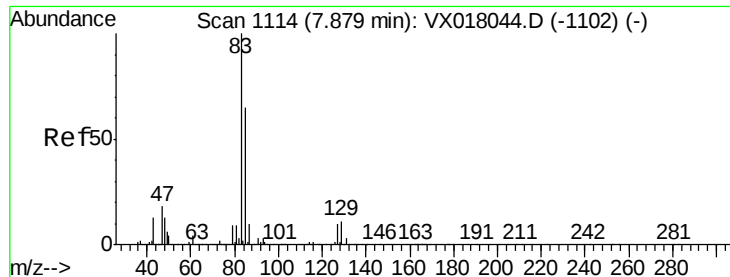
Tot Ion: 63 Resp: 172545
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.7 38.5



#46
 Dibromomethane
 Concen: 20.090 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Tgt Ion: 93 Resp: 115522
 Ion Ratio Lower Upper
 93 100
 95 81.3 67.3 100.9
 174 101.0 82.2 123.2





#47

Bromodichloromethane

Concen: 20.373 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

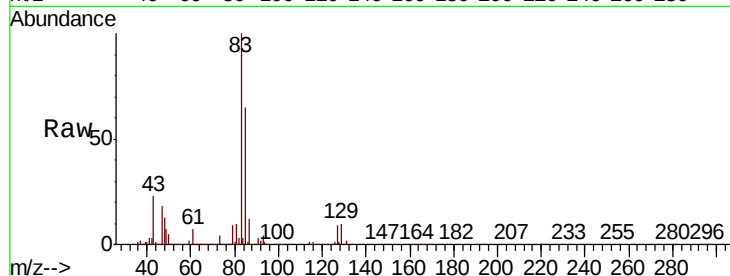
Tot Ion: 83 Resp: 233914

Ion Ratio Lower Upper

83 100

85 65.3 51.8 77.6

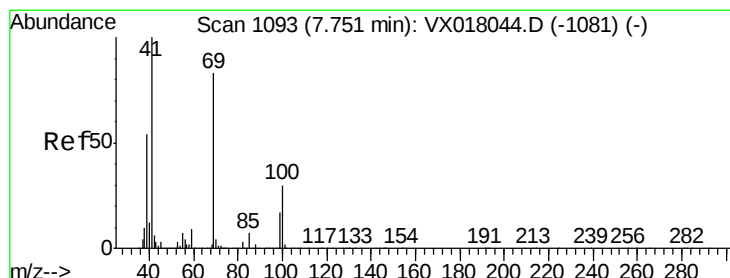
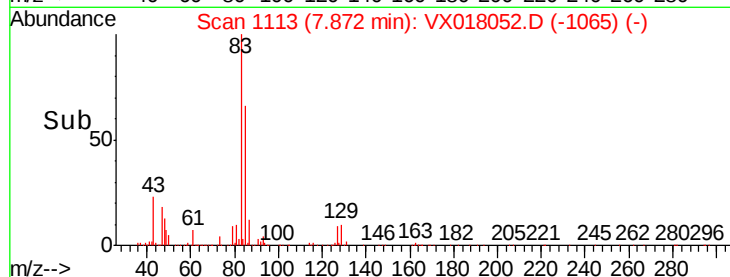
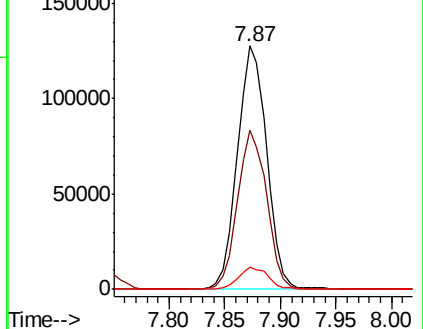
127 9.2 7.7 11.5



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: 19.586 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

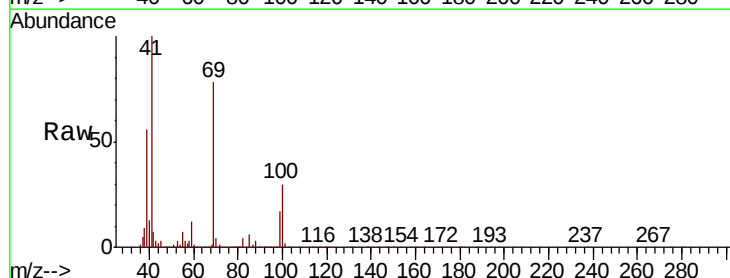
Tgt Ion: 41 Resp: 188851

Ion Ratio Lower Upper

41 100

69 79.2 65.5 98.3

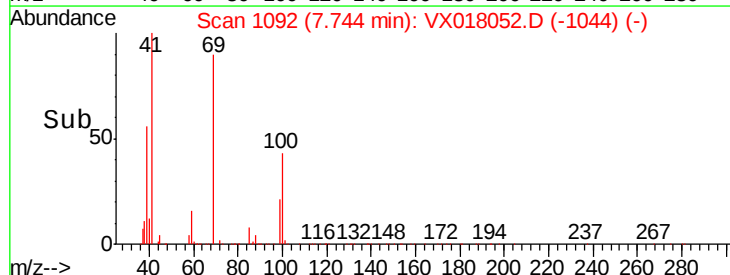
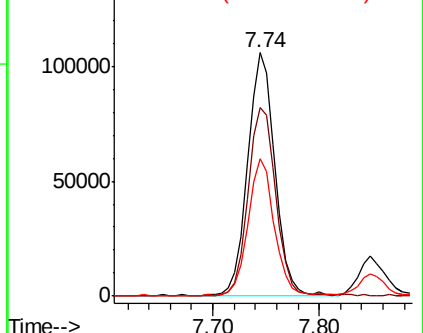
39 56.2 44.5 66.7

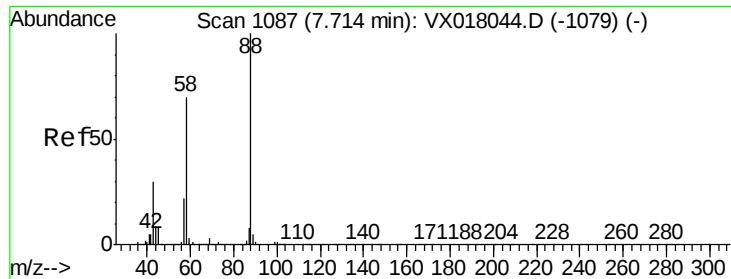


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 382.702 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

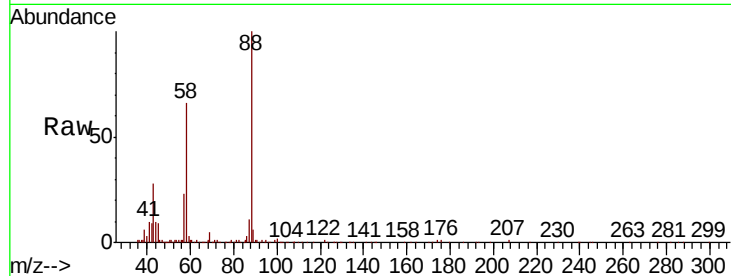
Tot Ion: 88 Resp: 66843

Ion Ratio Lower Upper

88 100

43 33.1 27.4 41.0

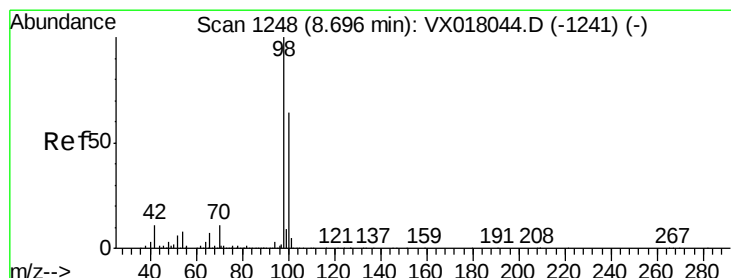
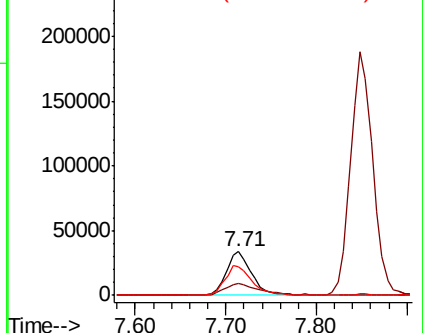
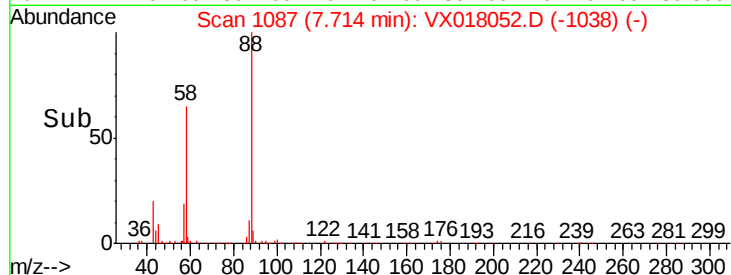
58 69.8 56.4 84.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.197 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018052.D

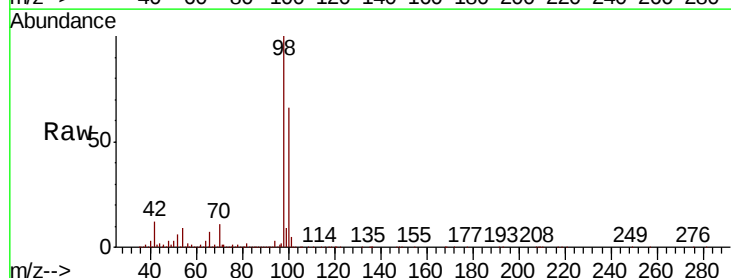
Acq: 21 Aug 2020 12:37

Tgt Ion: 98 Resp: 1311792

Ion Ratio Lower Upper

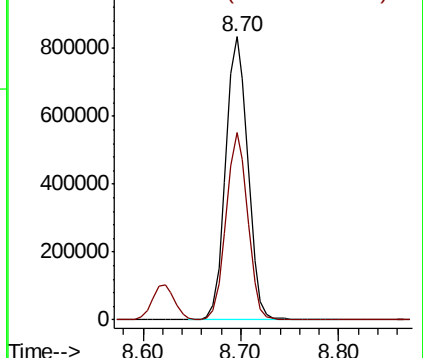
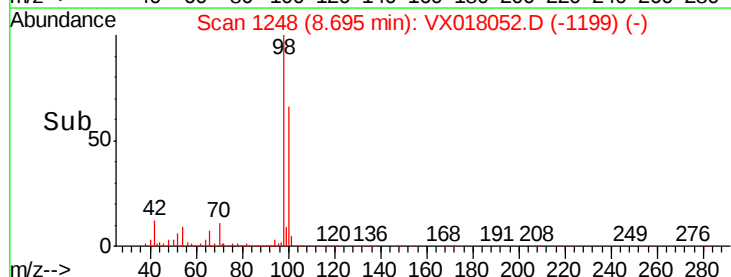
98 100

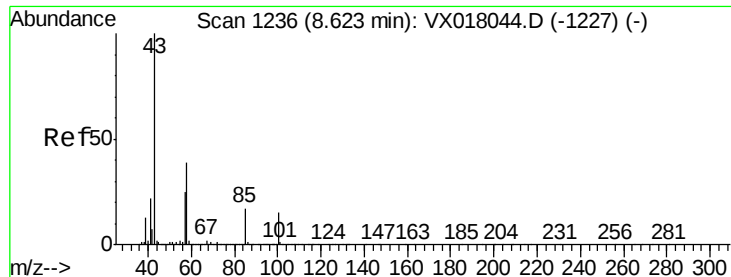
100 64.7 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

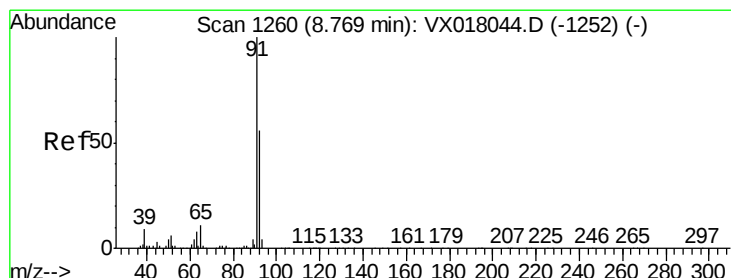
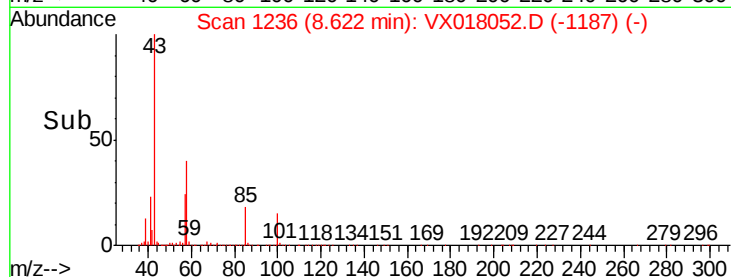
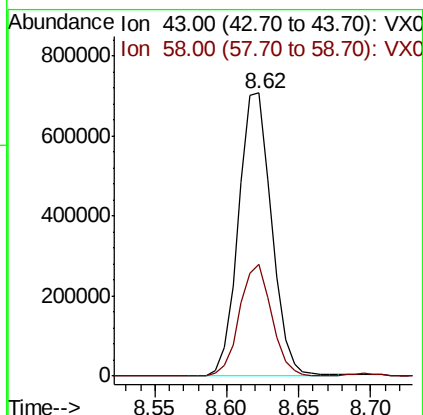
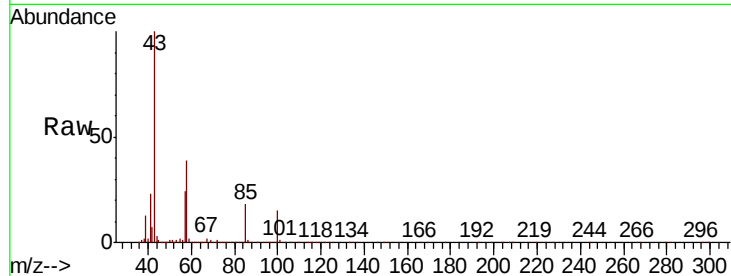




#51
 4-Methyl-2-Pentanone
 Concen: 94.647 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

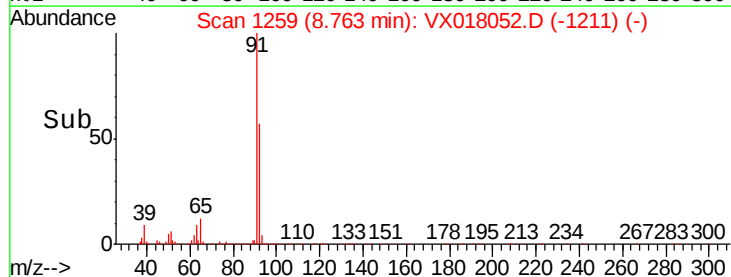
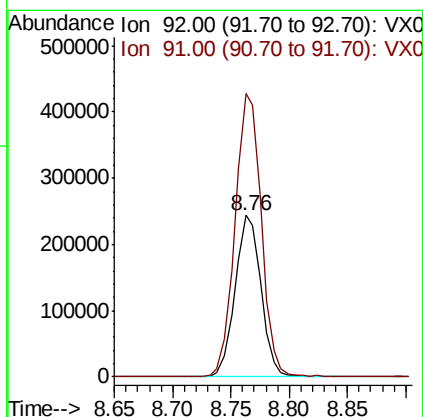
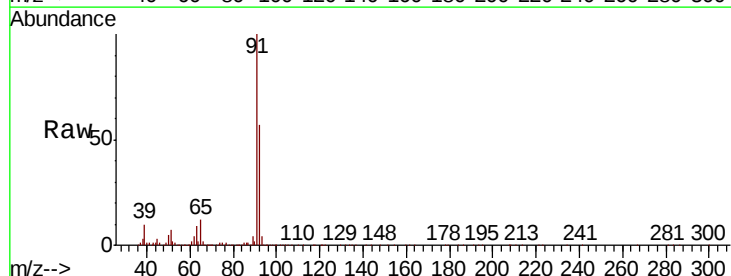
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

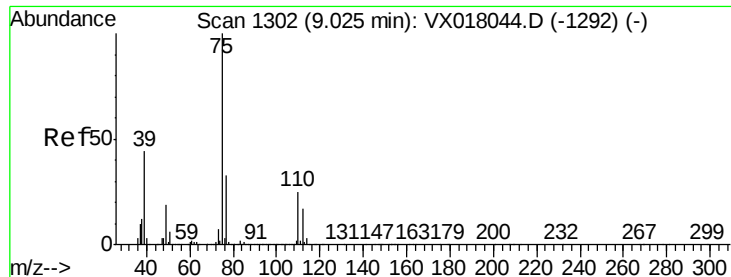
Tot Ion: 43 Resp: 1132420
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.7 46.1



#52
 Toluene
 Concen: 19.650 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Tgt Ion: 92 Resp: 378025
 Ion Ratio Lower Upper
 92 100
 91 178.4 140.3 210.5

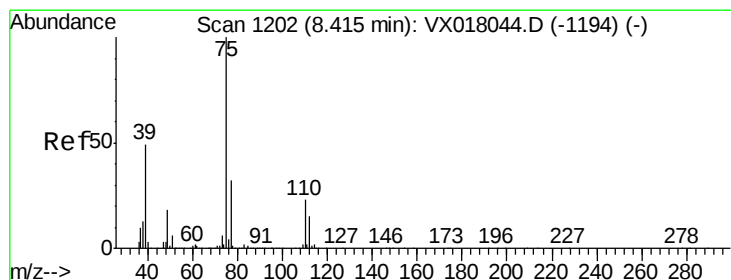
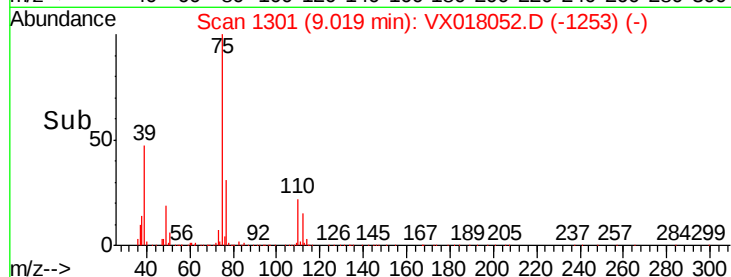
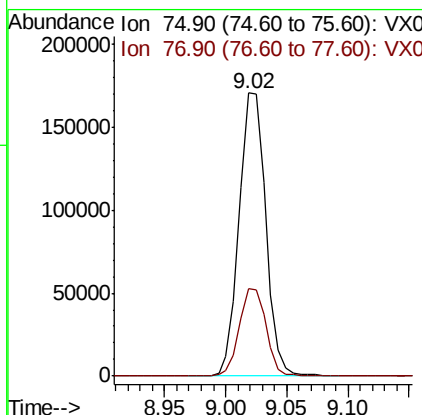
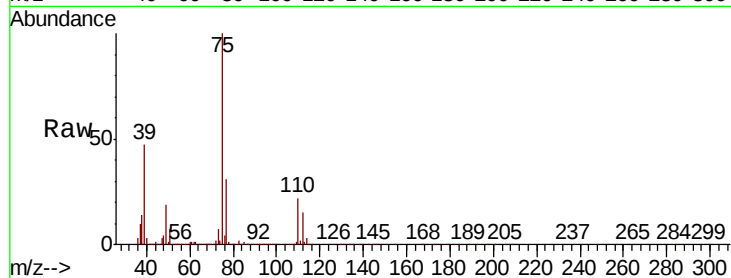




#53
 t-1,3-Dichloropropene
 Concen: 20.297 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

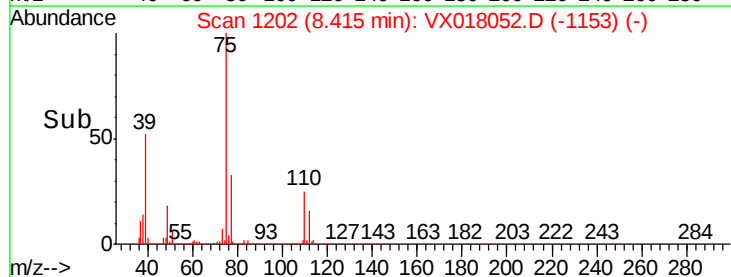
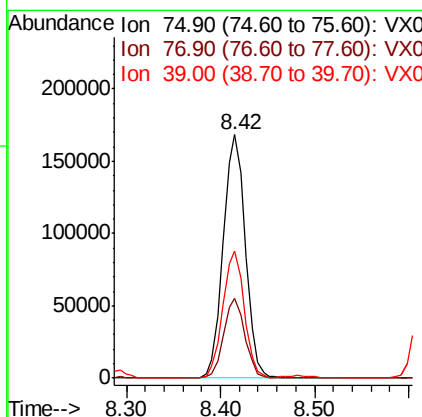
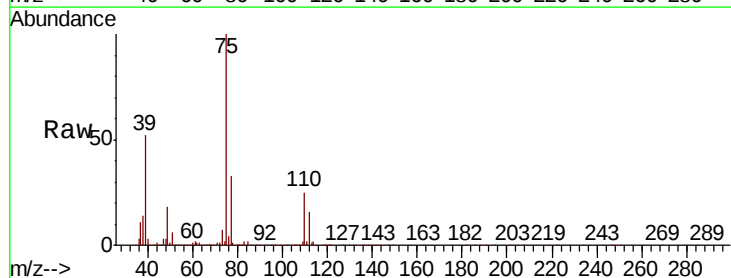
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

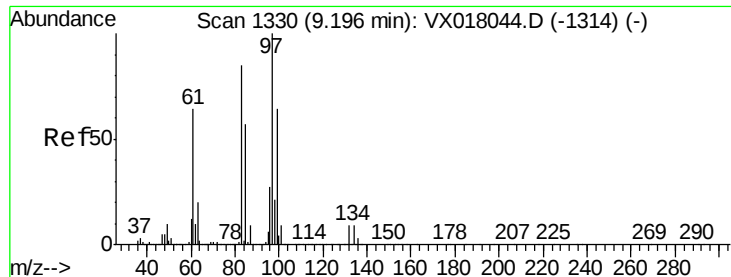
Tot Ion: 75 Resp: 258272
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.6 39.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.385 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Tgt Ion: 75 Resp: 274789
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.8 38.8
 39 51.8 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 19.371 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

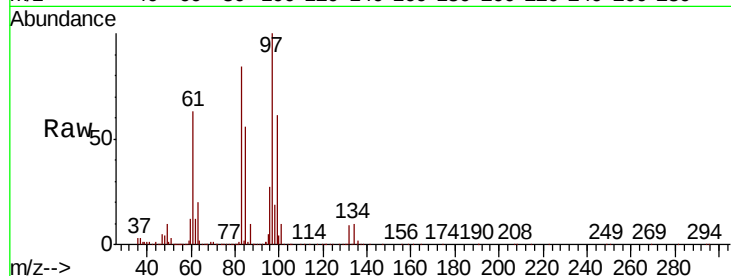
MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion: 97 Resp: 158936

Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.8	101.6
85	55.7	45.3	67.9
99	60.3	50.9	76.3

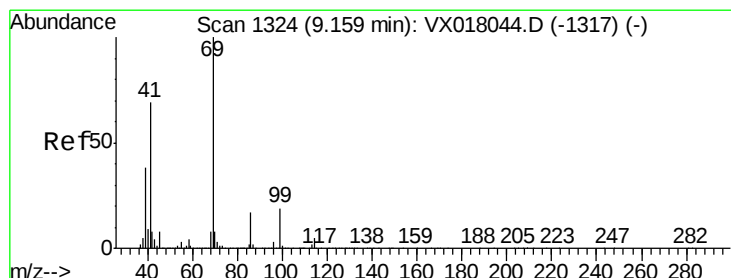
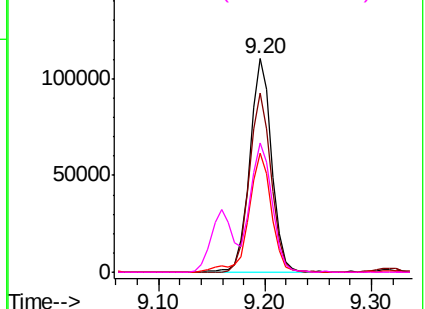
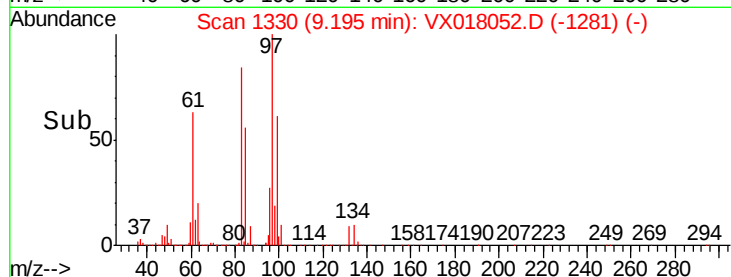


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.449 ug/l

RT: 9.16 min Scan# 1324

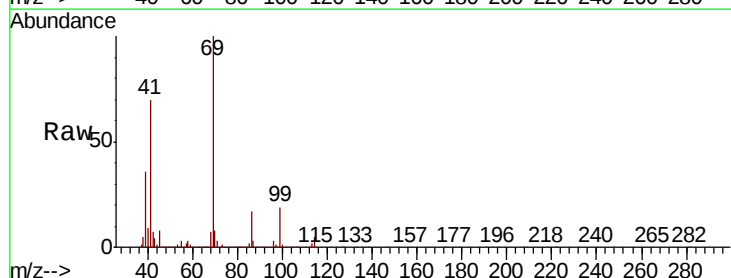
Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Tgt Ion: 69 Resp: 237227

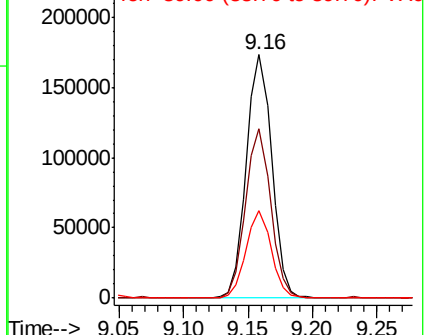
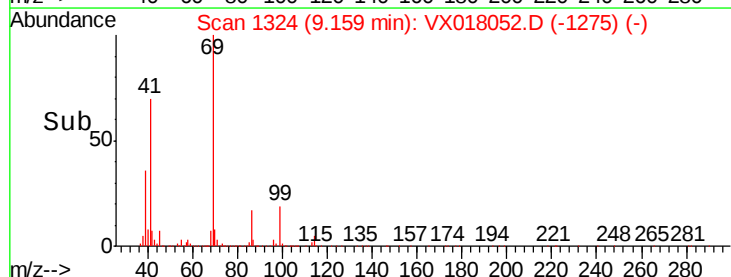
Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.6	81.8
39	35.3	29.1	43.7

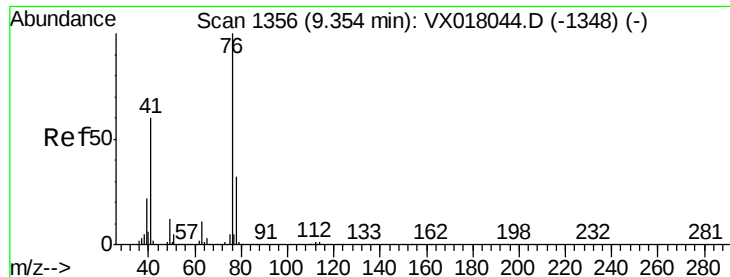


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.433 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

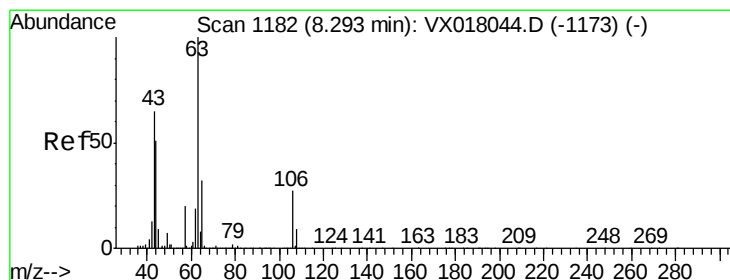
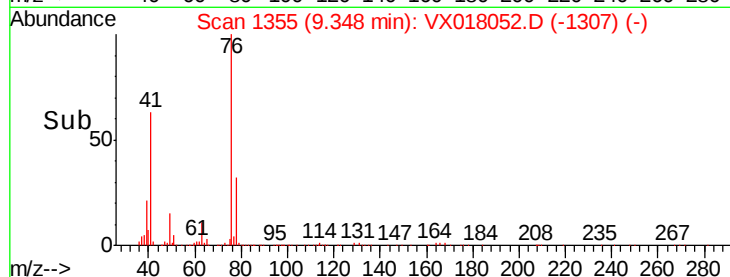
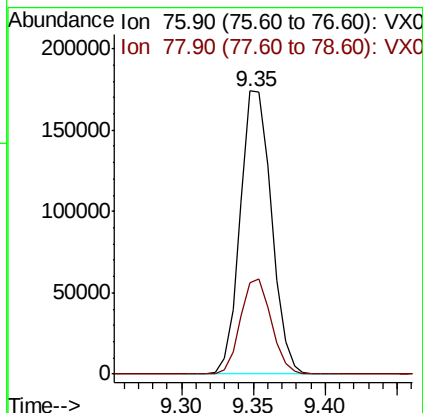
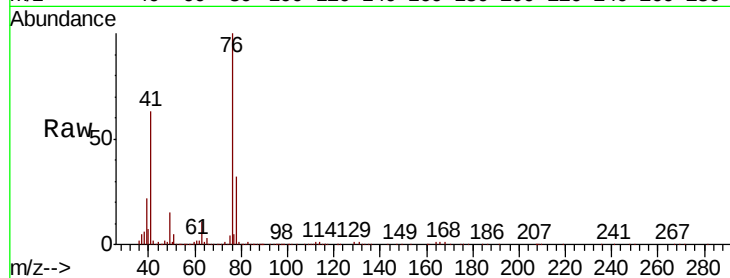
VX0821WBS02

Tot Ion: 76 Resp: 262980

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 72.877 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018052.D

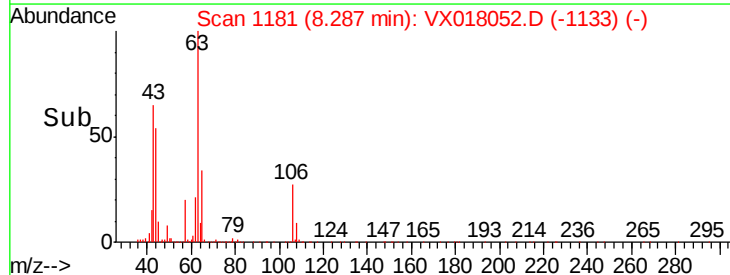
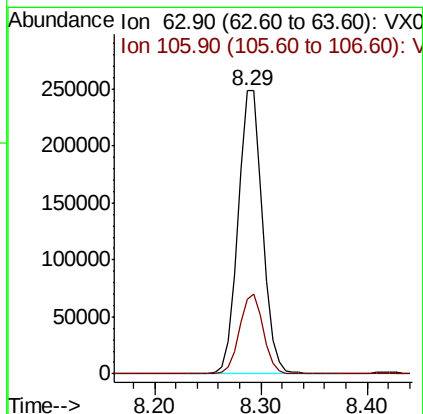
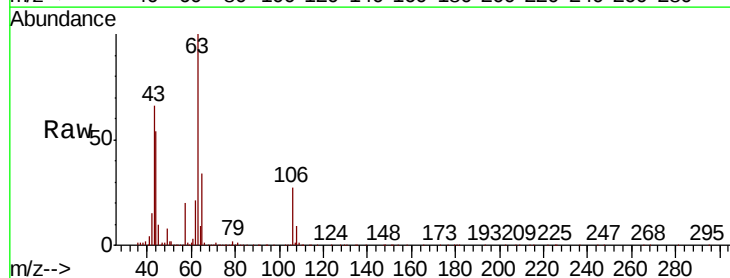
Acq: 21 Aug 2020 12:37

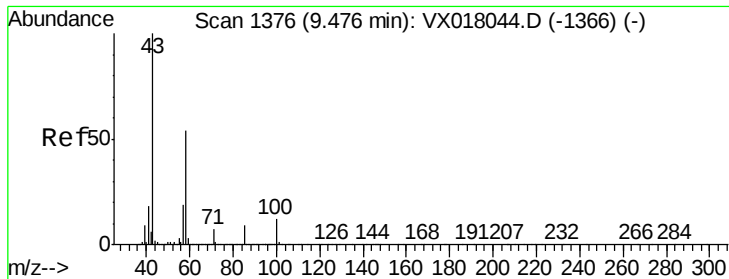
Tgt Ion: 63 Resp: 399877

Ion Ratio Lower Upper

63 100

106 27.5 22.1 33.1

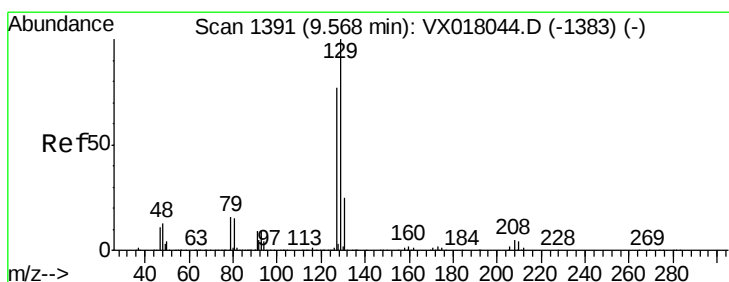
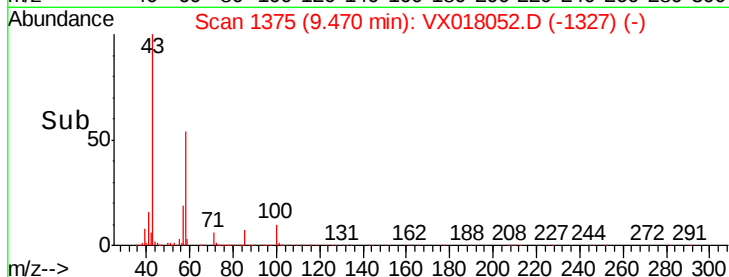
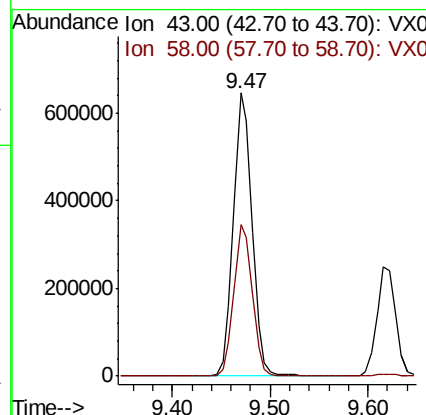
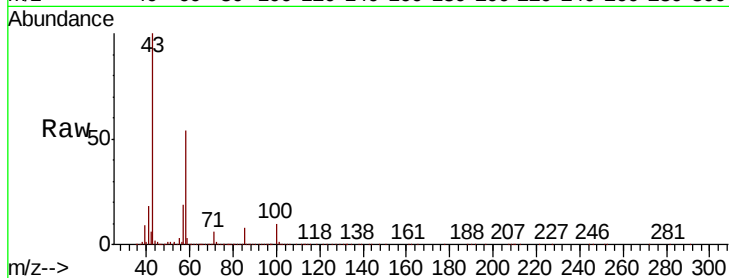




#59
2-Hexanone
Concen: 94.318 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

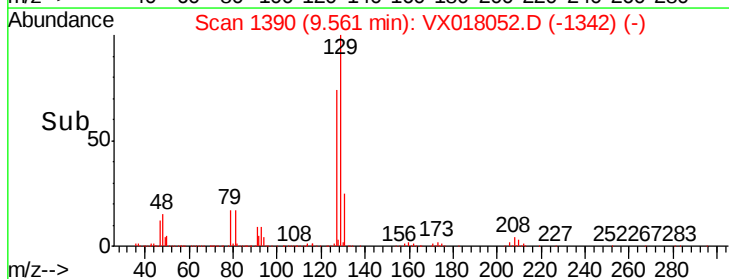
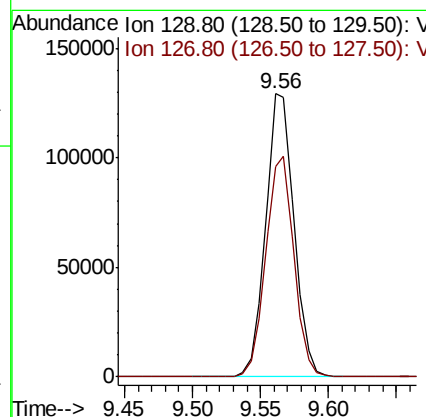
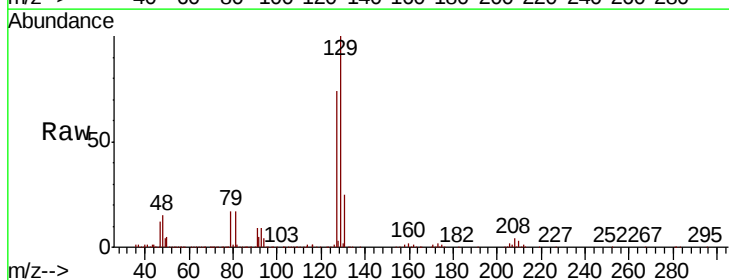
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

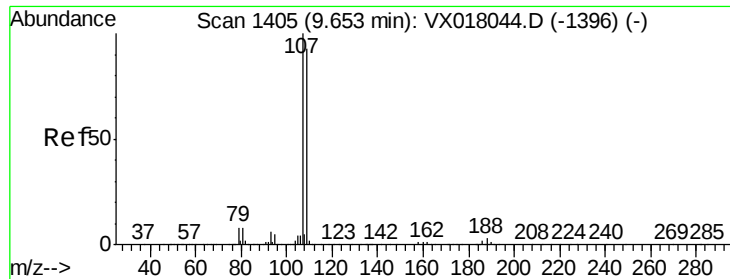
Tot Ion: 43 Resp: 858080
Ion Ratio Lower Upper
43 100
58 53.3 26.6 79.7



#60
Dibromochloromethane
Concen: 19.654 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion: 129 Resp: 189171
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.698 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

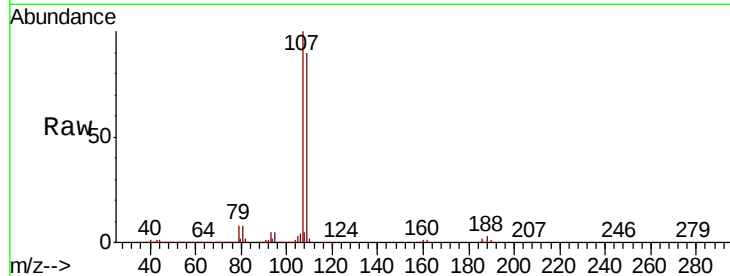
VX0821WBS02

Tot Ion:107 Resp: 175470

Ion Ratio Lower Upper

107 100

109 92.6 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

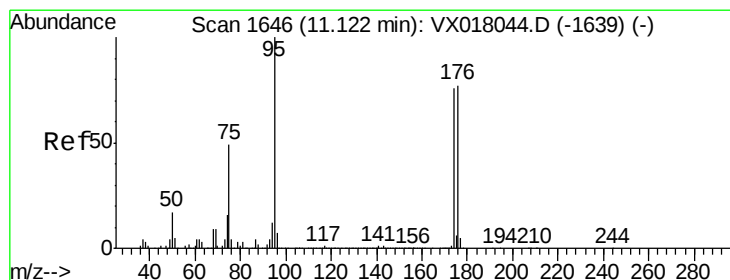
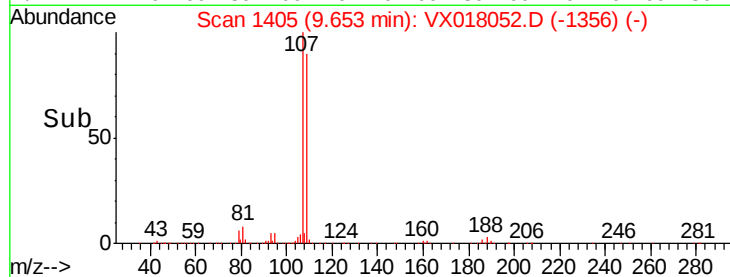
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.109 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

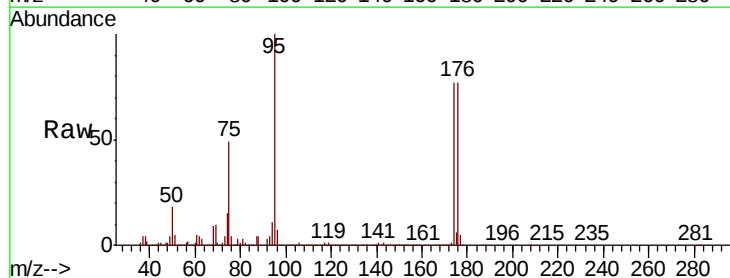
Tgt Ion: 95 Resp: 515131

Ion Ratio Lower Upper

95 100

174 76.4 0.0 160.2

176 74.9 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

500000

400000

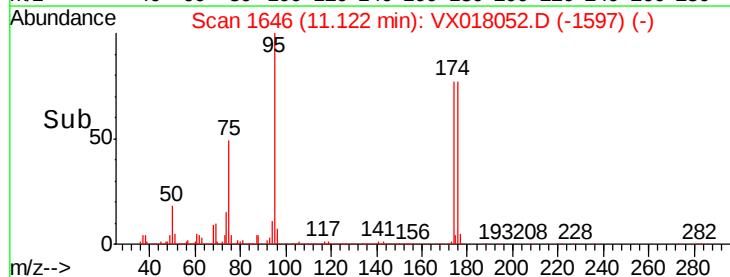
300000

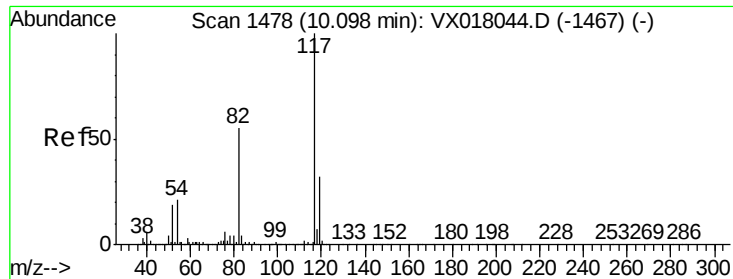
200000

100000

0

Time-->

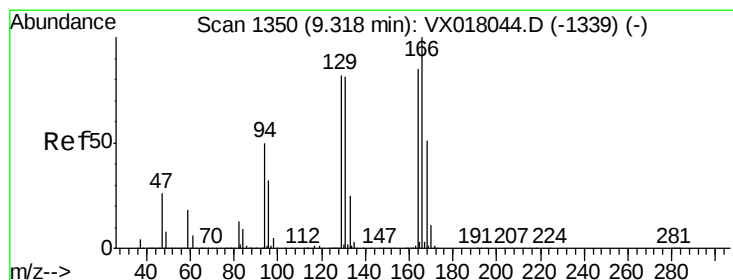
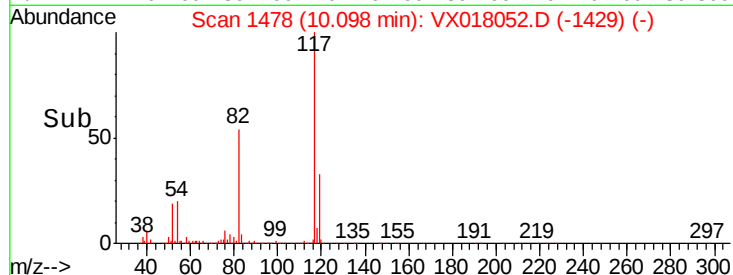
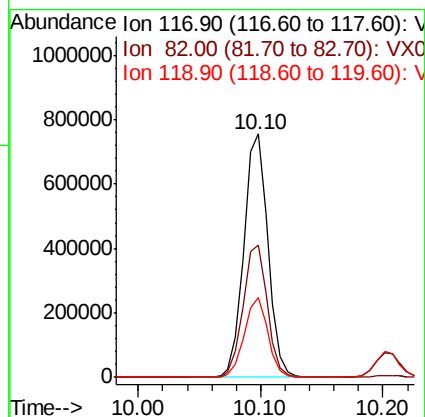
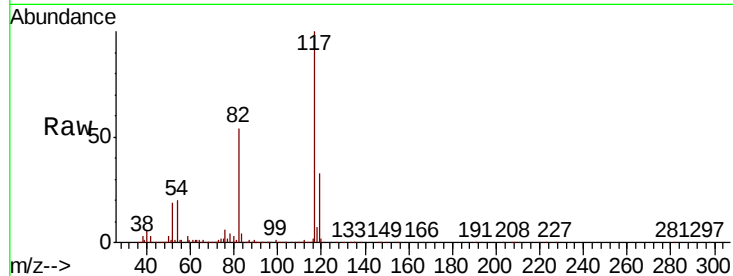




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

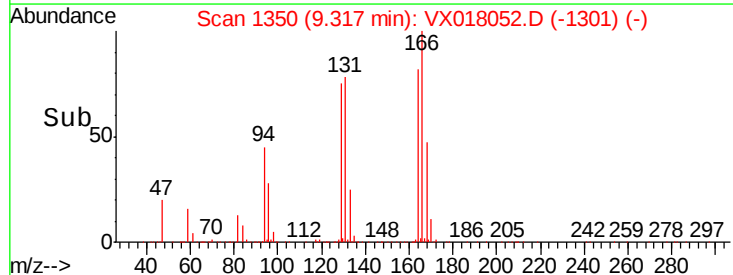
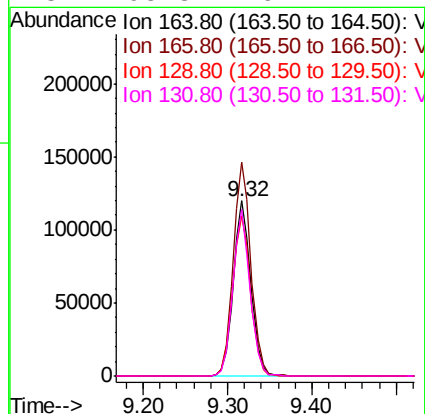
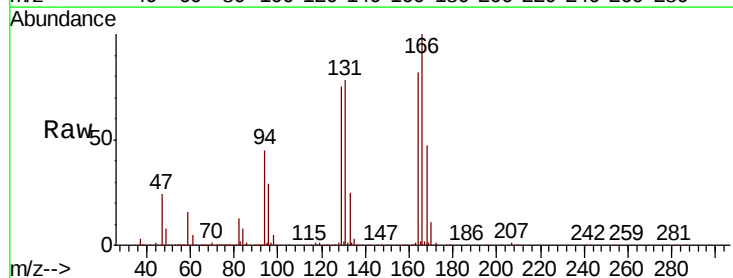
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

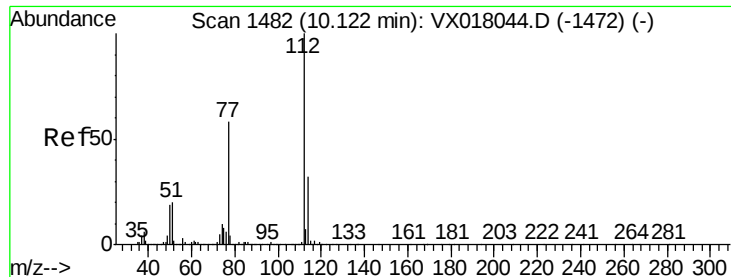
Tot Ion:117 Resp: 1027500
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 32.7 25.7 38.5



#64
Tetrachloroethene
Concen: 22.431 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion:164 Resp: 169366
Ion Ratio Lower Upper
164 100
166 122.2 94.2 141.2
129 91.6 76.9 115.3
131 95.3 76.1 114.1

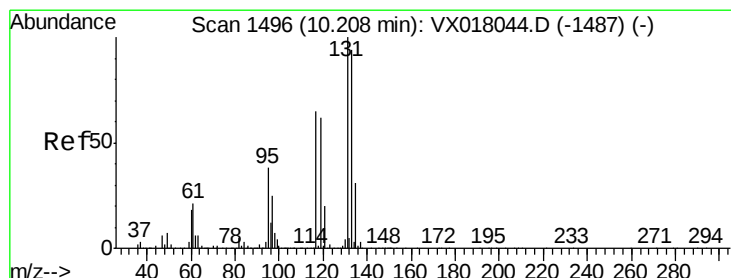
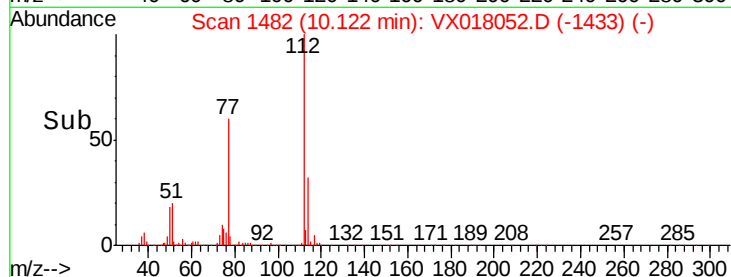
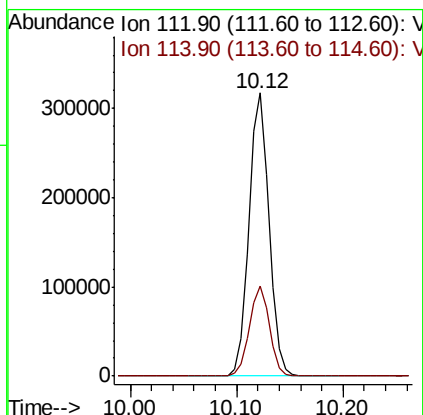
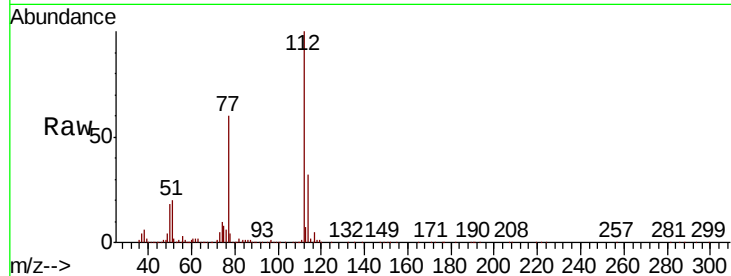




#65
Chlorobenzene
Concen: 20.525 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

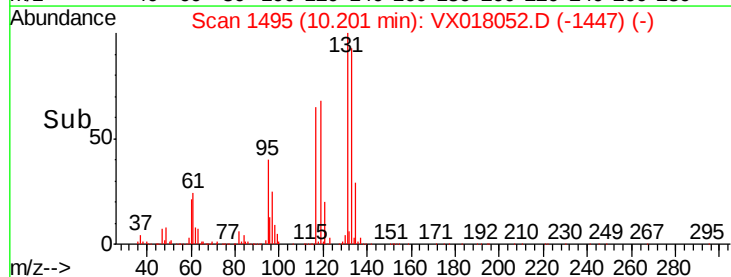
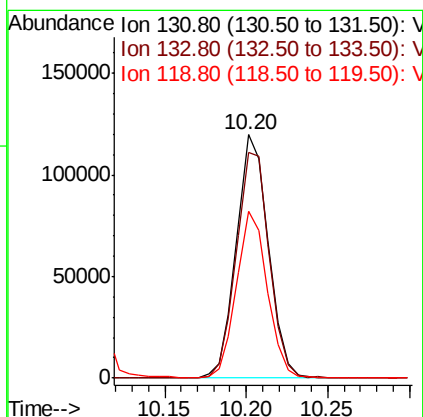
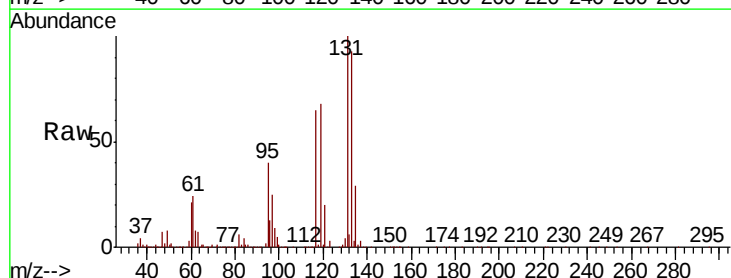
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

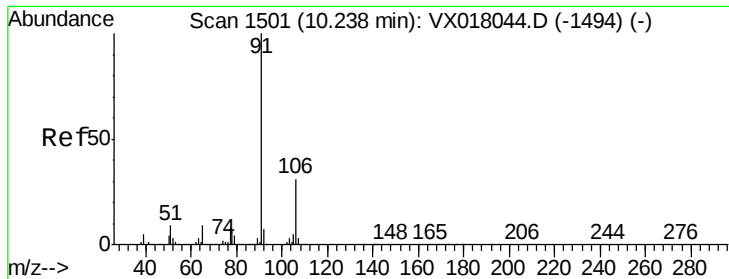
Tot Ion:112 Resp: 421195
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.265 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion:131 Resp: 163907
Ion Ratio Lower Upper
131 100
133 95.5 46.7 140.1
119 65.9 31.8 95.4





#67

Ethyl Benzene

Concen: 21.006 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

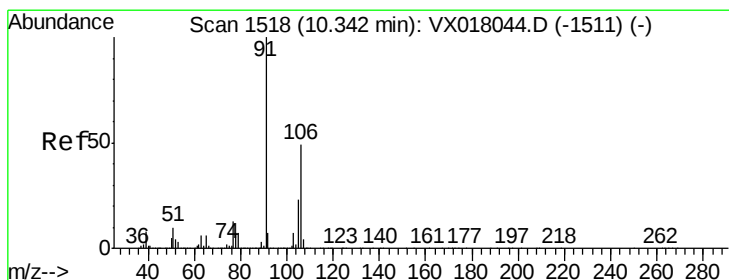
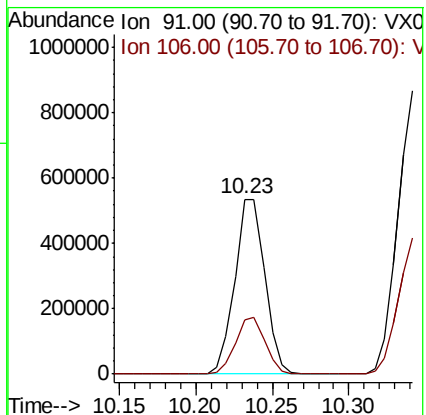
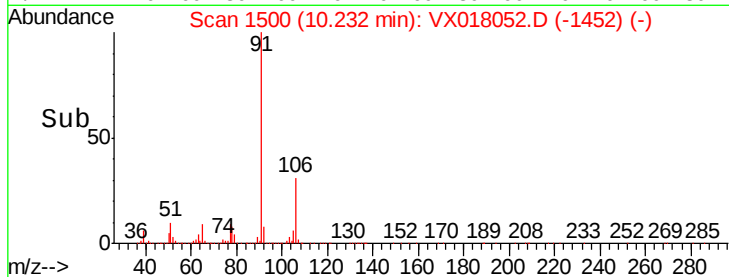
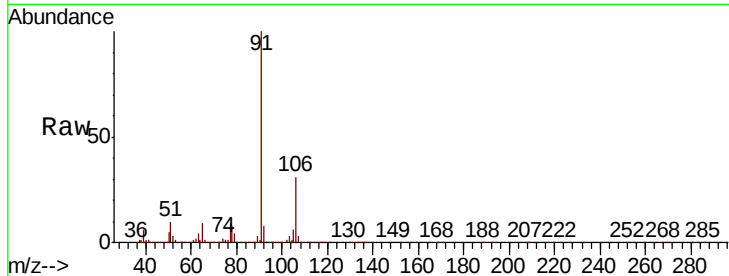
VX0821WBS02

Tot Ion: 91 Resp: 733066

Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3



#68

m/p-Xylenes

Concen: 43.328 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018052.D

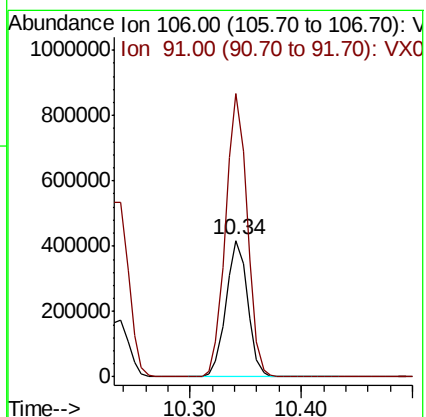
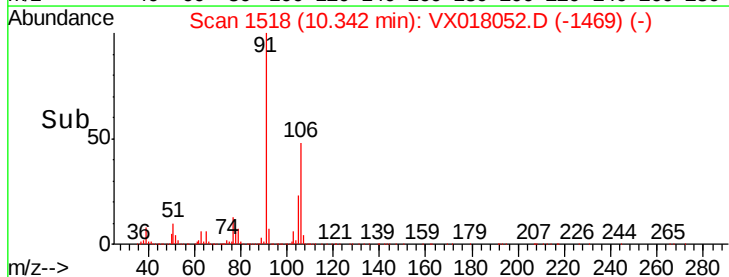
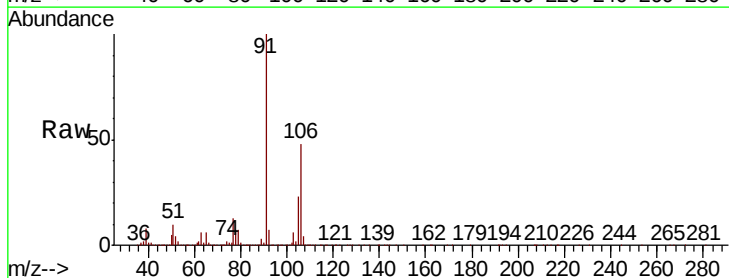
Acq: 21 Aug 2020 12:37

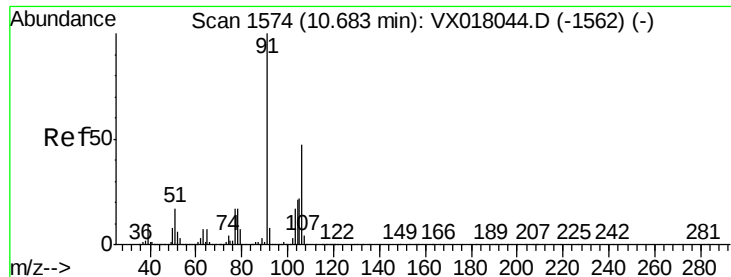
Tgt Ion: 106 Resp: 564383

Ion Ratio Lower Upper

106 100

91 206.8 162.2 243.2

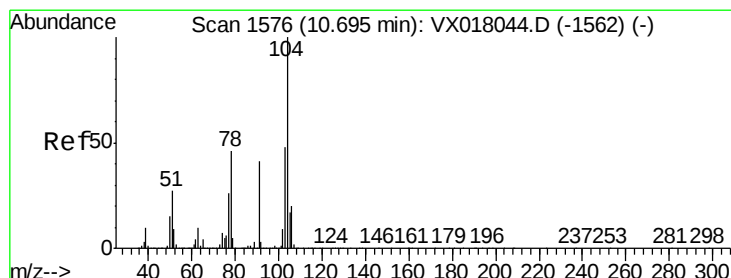
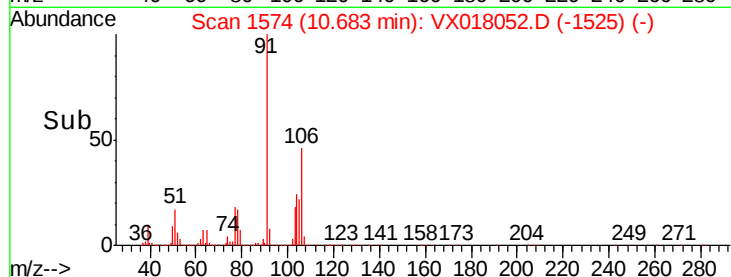
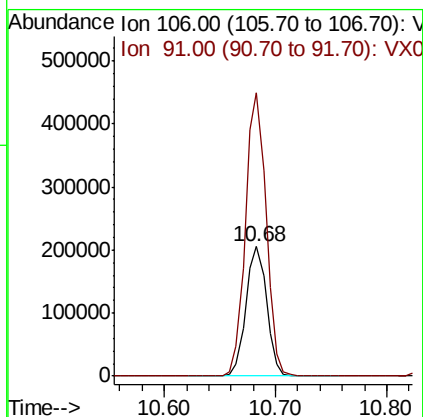
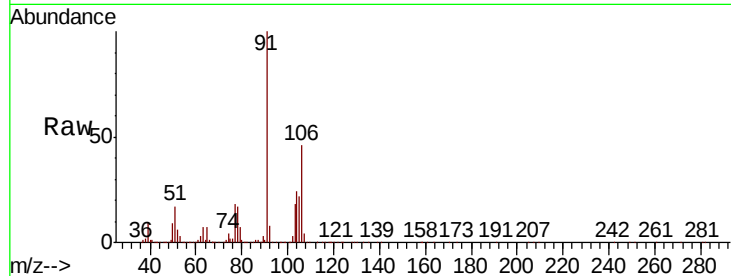




#69
o-Xylene
Concen: 21.131 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

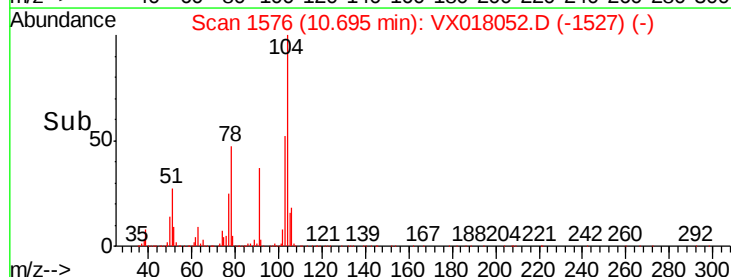
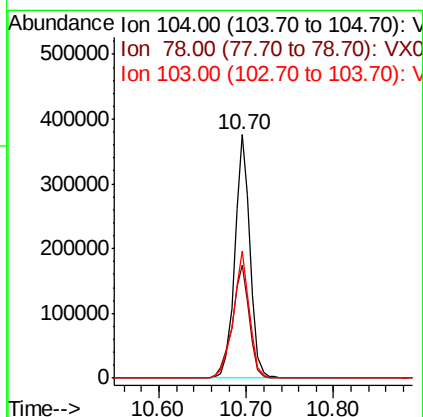
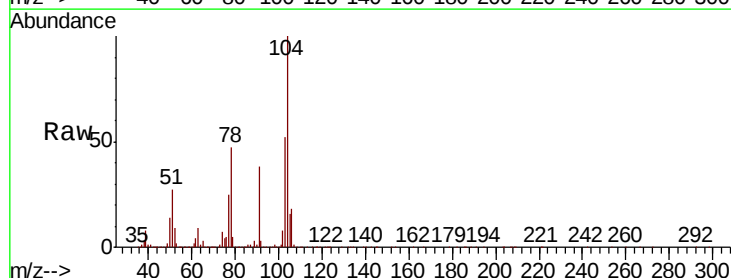
Instrument :
MSVOA_X
ClientSampled :
VX0821WBS02

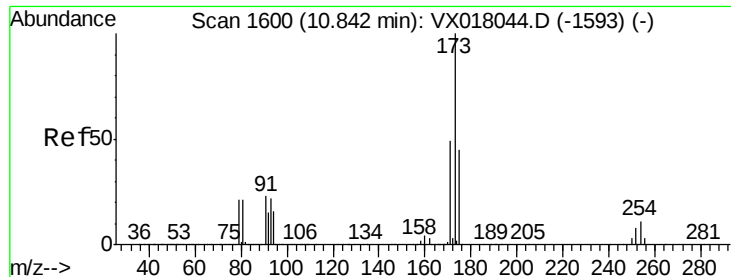
Tot Ion:106 Resp: 266824
Ion Ratio Lower Upper
106 100
91 217.0 107.1 321.3



#70
Styrene
Concen: 21.290 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion:104 Resp: 457823
Ion Ratio Lower Upper
104 100
78 51.7 40.9 61.3
103 55.0 43.6 65.4

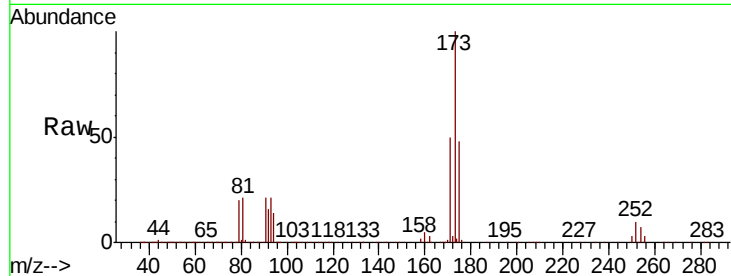




#71
Bromoform
Concen: 20.041 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	23.9	71.8
254	0.2	0.2	0.2

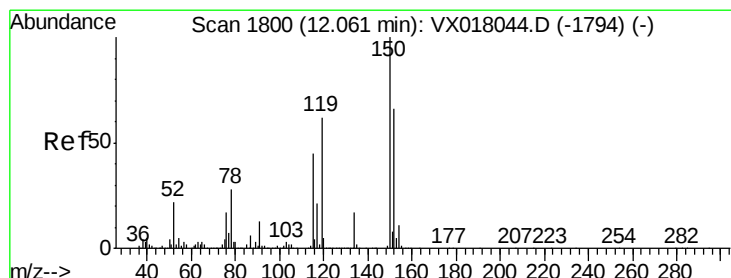
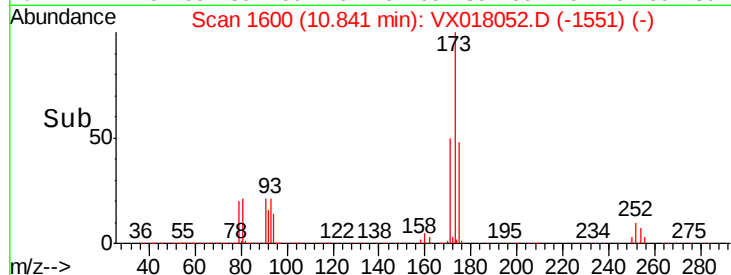
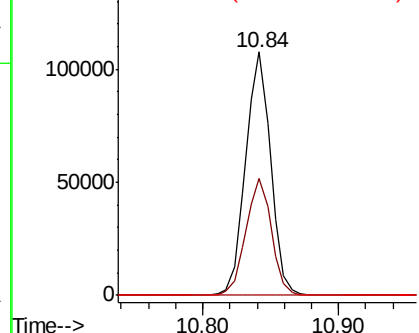


Abundance

Ion 172.70 (172.40 to 173.40): V

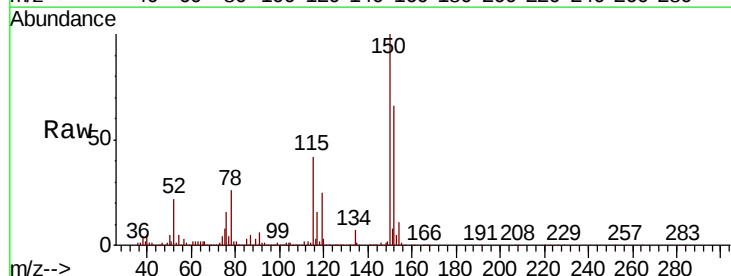
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.5	41.5	124.5
150	163.3	0.0	343.8

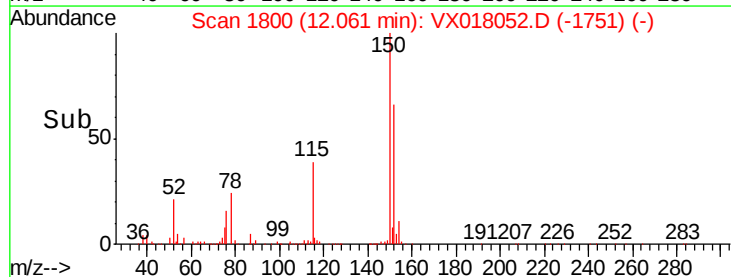
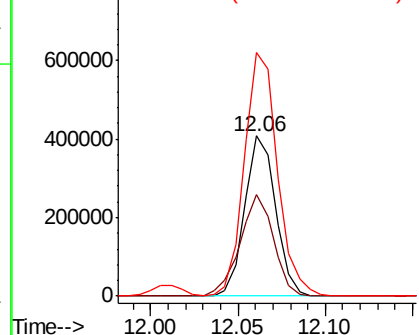


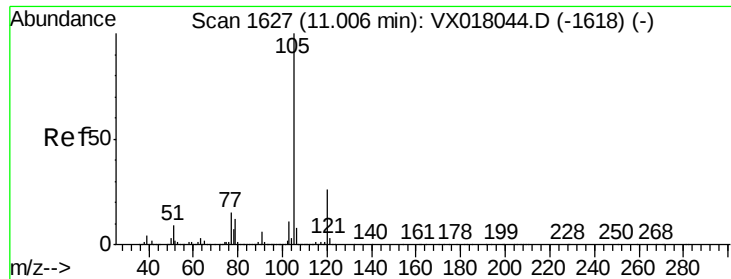
Abundance

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: 21.171 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

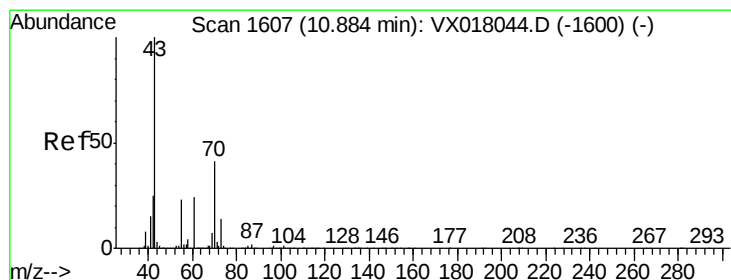
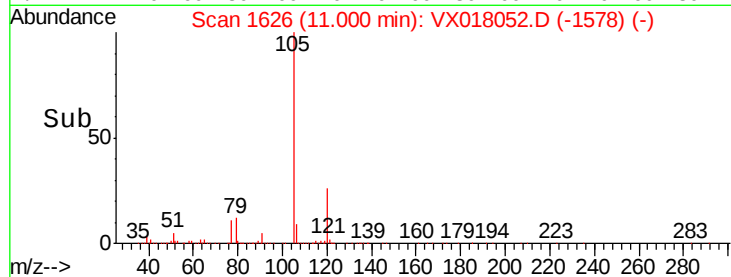
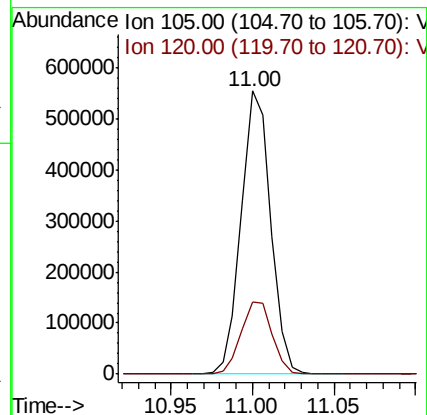
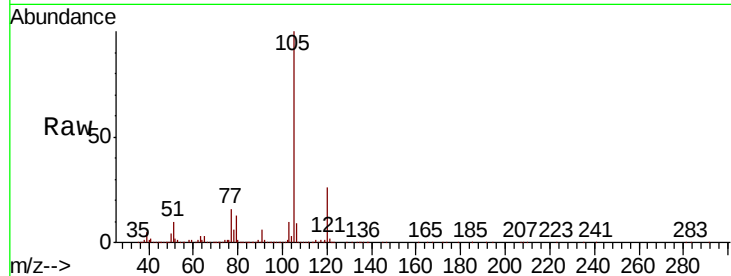
VX0821WBS02

Tot Ion: 105 Resp: 699141

Ion Ratio Lower Upper

105 100

120 27.3 13.2 39.5



#74

N-ethyl acetate

Concen: 19.931 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Tgt Ion: 43 Resp: 312287

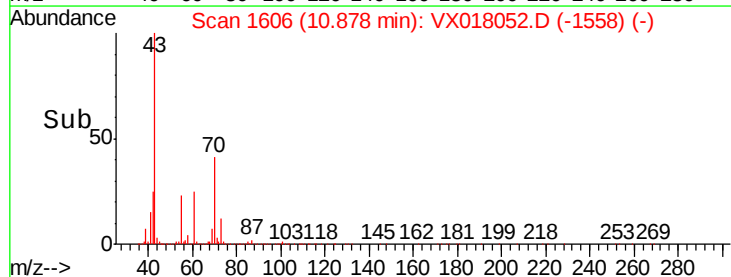
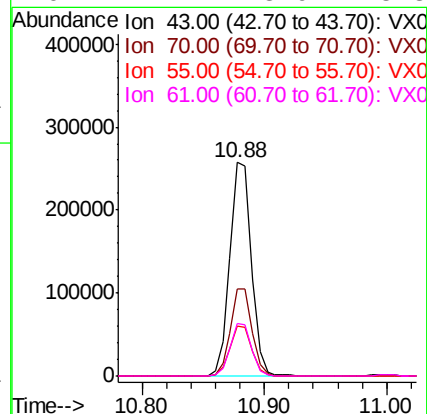
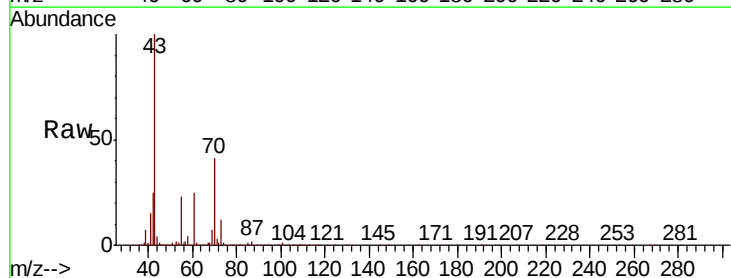
Ion Ratio Lower Upper

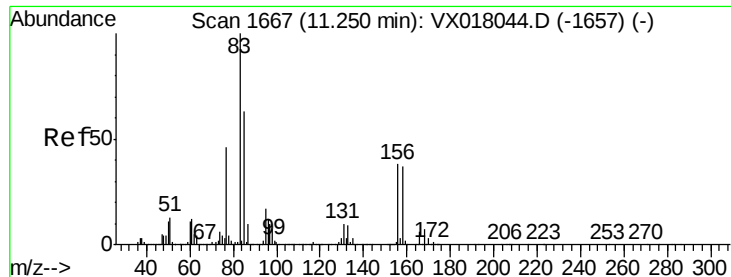
43 100

70 40.8 32.3 48.5

55 23.7 18.2 27.2

61 24.2 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.109 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

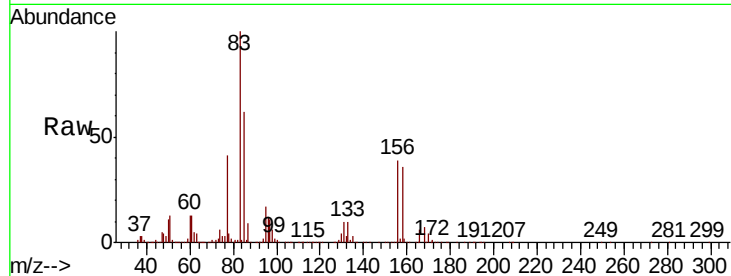
Tot Ion: 83 Resp: 222607

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.4

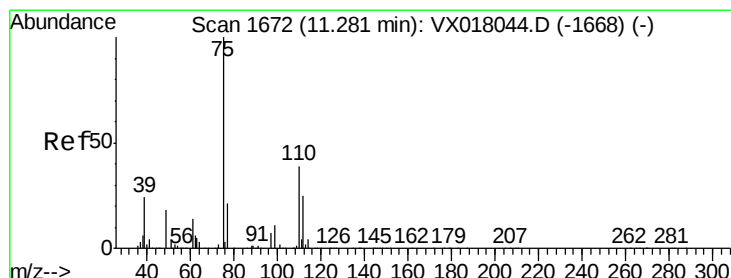
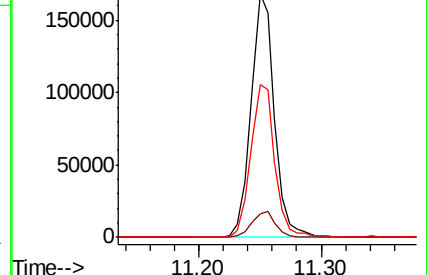
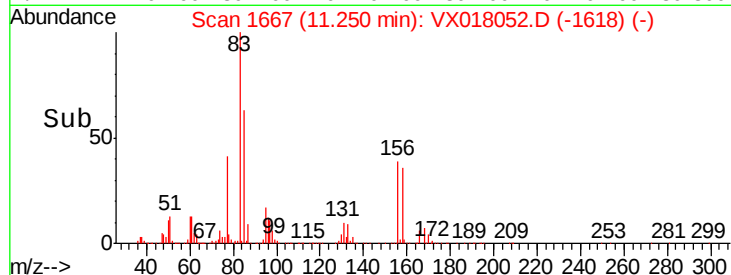
85 64.9 32.2 96.6



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: 25.371 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018052.D

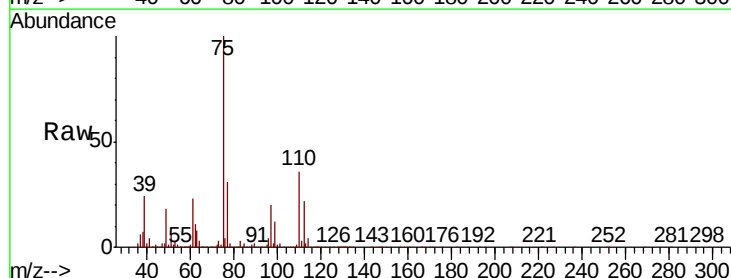
Acq: 21 Aug 2020 12:37

Tgt Ion: 75 Resp: 282560

Ion Ratio Lower Upper

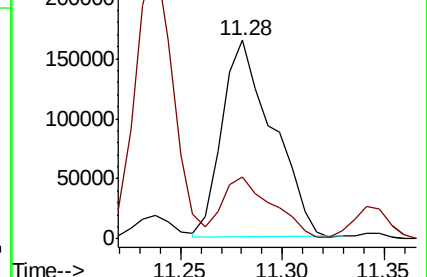
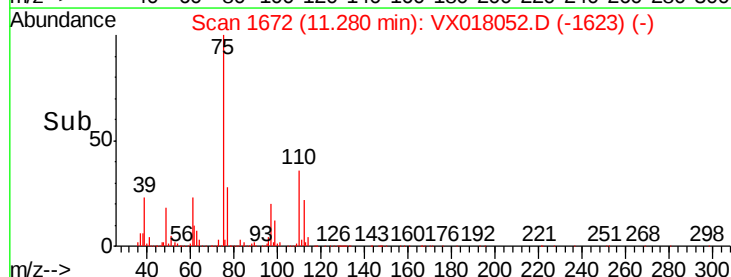
75 100

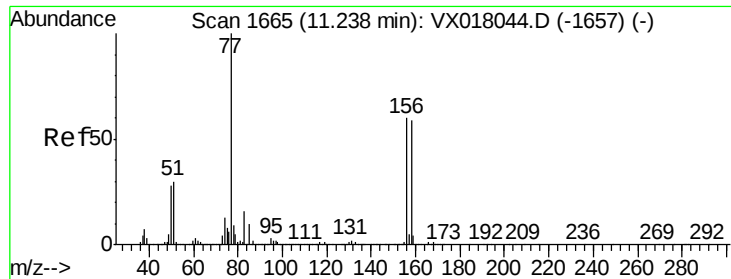
77 31.3 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.548 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

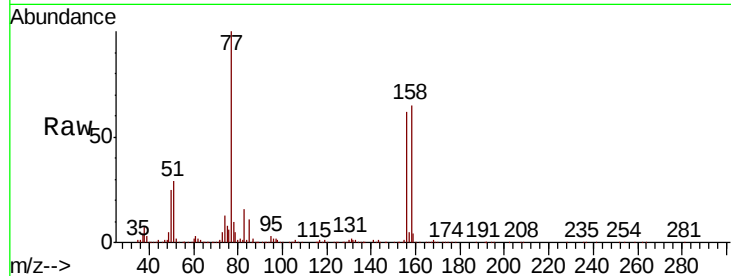
Tot Ion:156 Resp: 187569

Ion Ratio Lower Upper

156 100

77 158.7 80.0 240.2

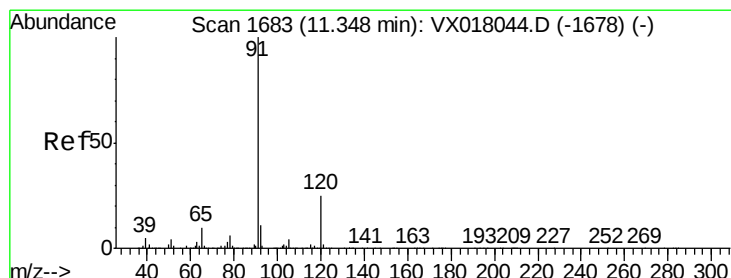
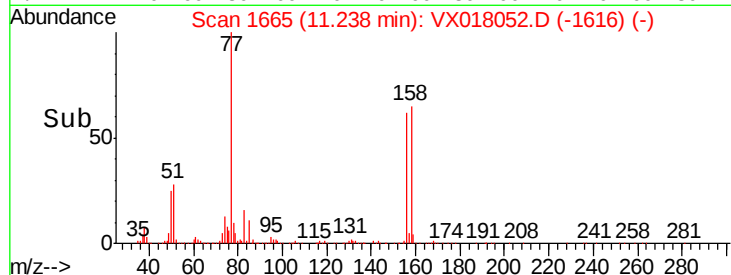
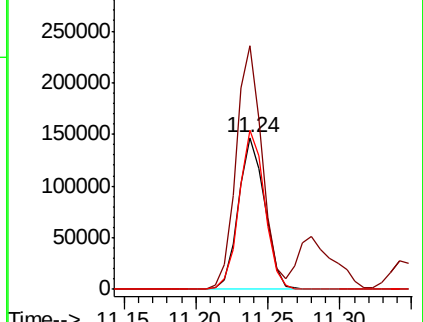
158 101.4 49.5 148.7



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: 21.759 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018052.D

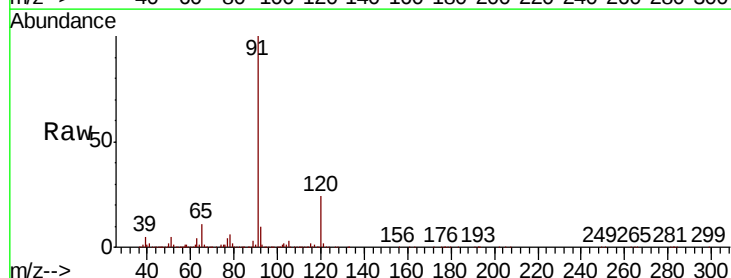
Acq: 21 Aug 2020 12:37

Tgt Ion: 91 Resp: 815875

Ion Ratio Lower Upper

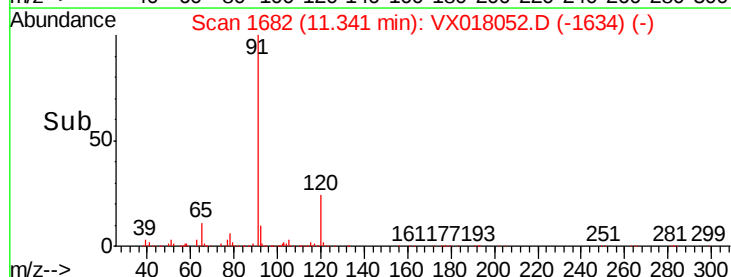
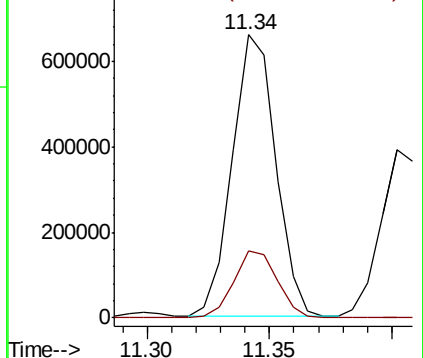
91 100

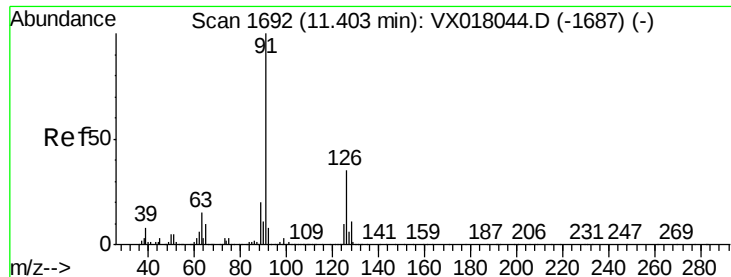
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.430 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

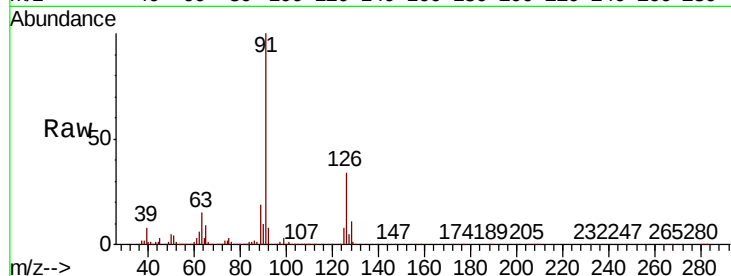
VX0821WBS02

Tot Ion: 91 Resp: 496450

Ion Ratio Lower Upper

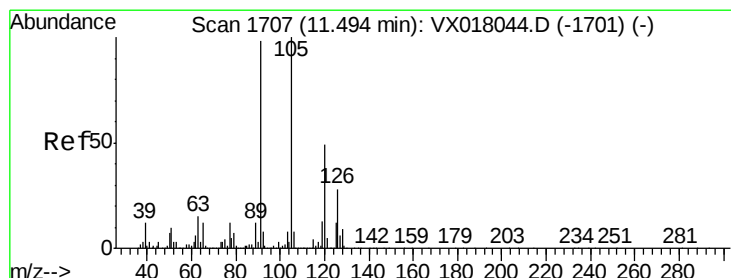
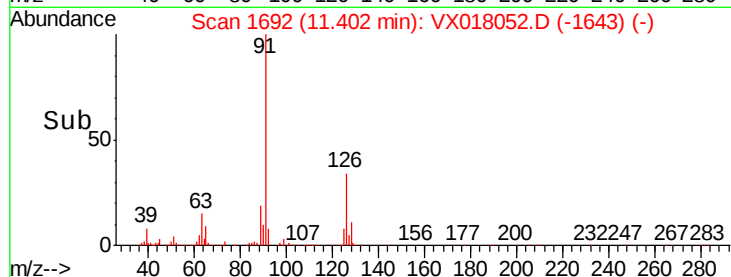
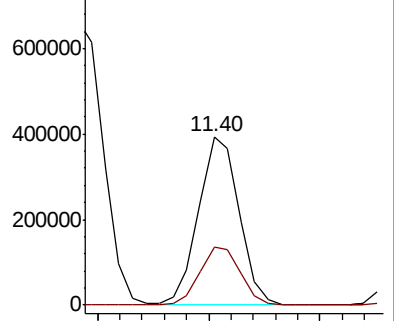
91 100

126 34.9 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX018044.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX018044.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.844 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018052.D

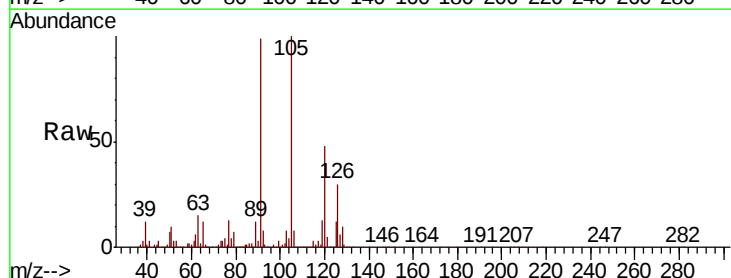
Acq: 21 Aug 2020 12:37

Tgt Ion: 105 Resp: 619910

Ion Ratio Lower Upper

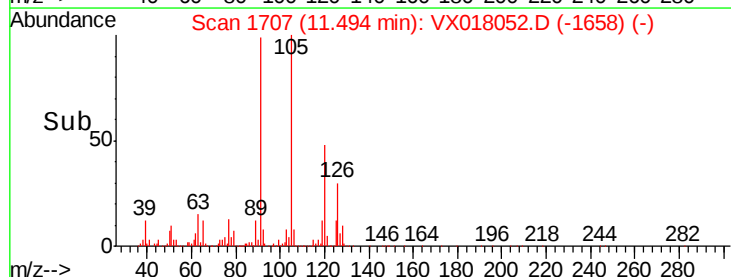
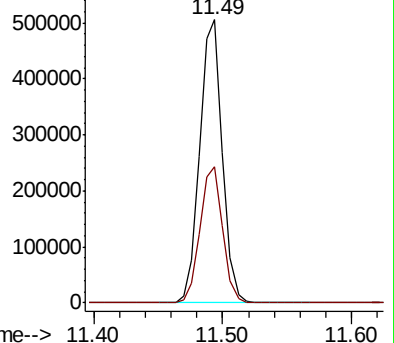
105 100

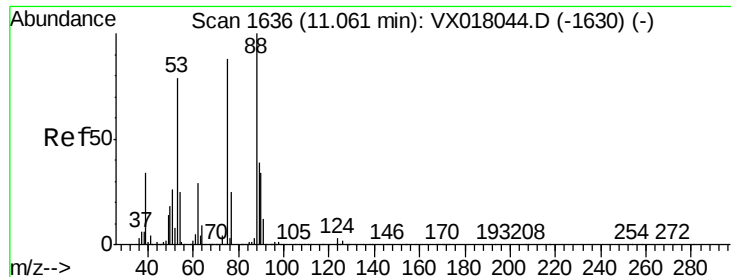
120 48.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX018044.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018044.D (-1701) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.414 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

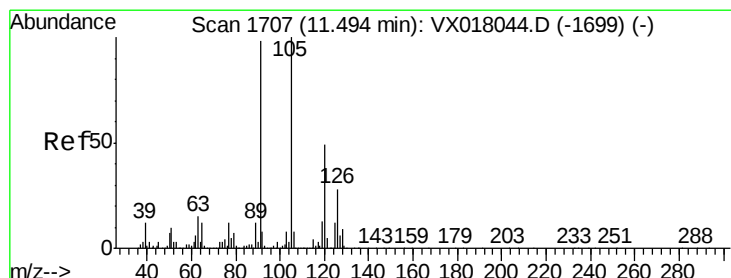
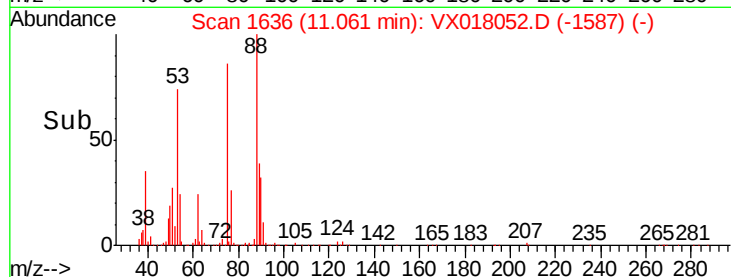
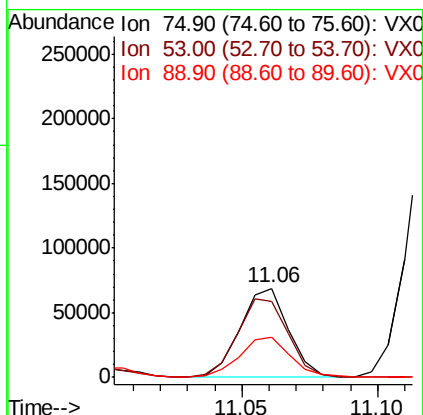
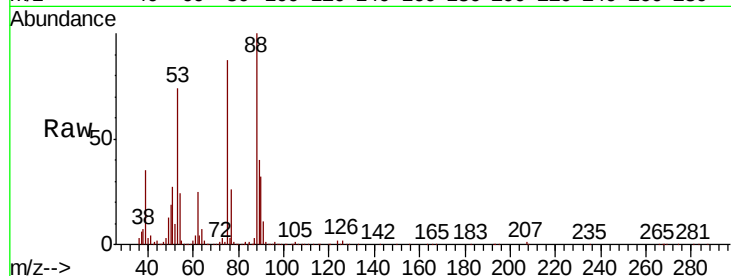
Tot Ion: 75 Resp: 84176

Ion Ratio Lower Upper

75 100

53 92.4 74.7 112.1

89 48.7 36.6 54.8



#82

4-Chlorotoluene

Concen: 21.434 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018052.D

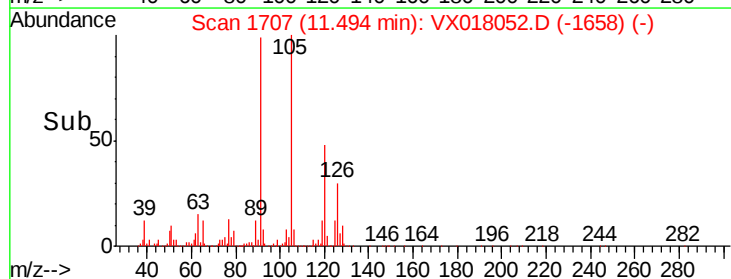
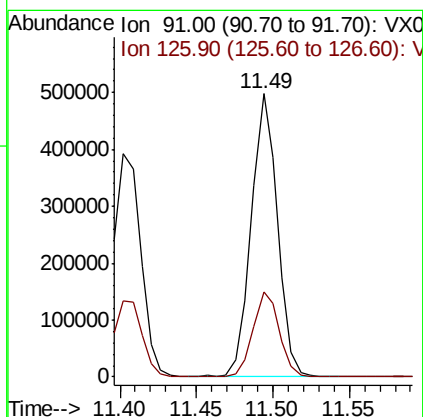
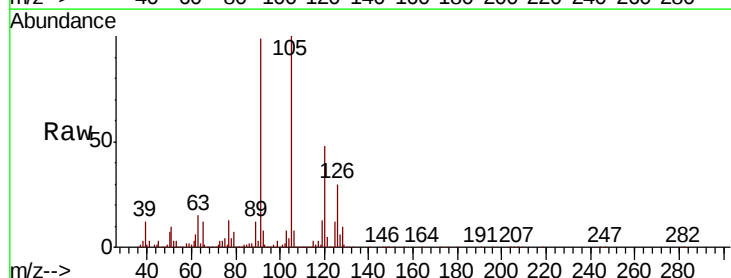
Acq: 21 Aug 2020 12:37

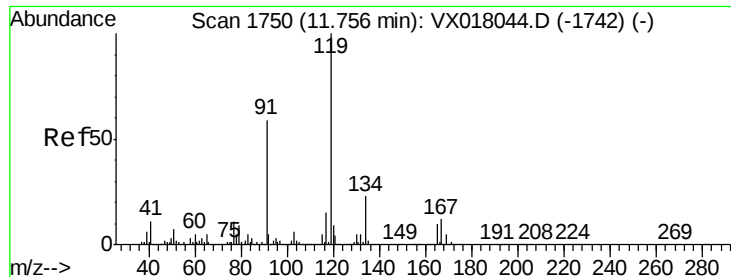
Tgt Ion: 91 Resp: 590273

Ion Ratio Lower Upper

91 100

126 30.6 15.1 45.3





#83

tert-Butylbenzene

Concen: 22.560 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

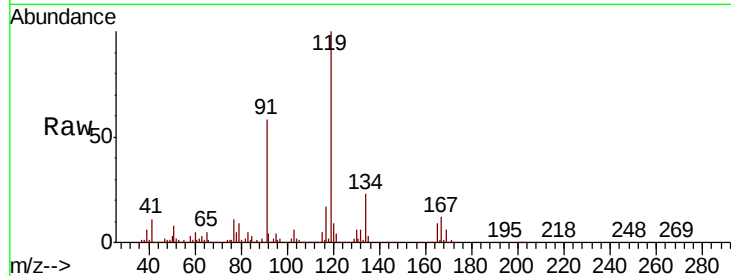
Tot Ion:119 Resp: 604156

Ion Ratio Lower Upper

119 100

91 58.1 28.2 84.7

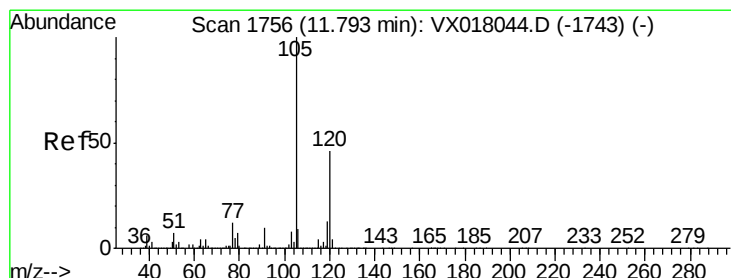
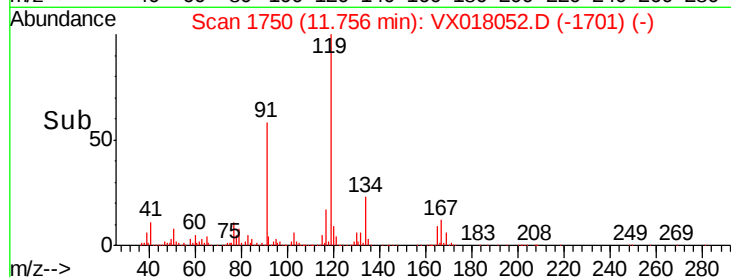
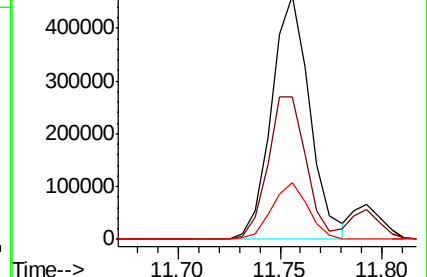
134 22.0 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.599 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018052.D

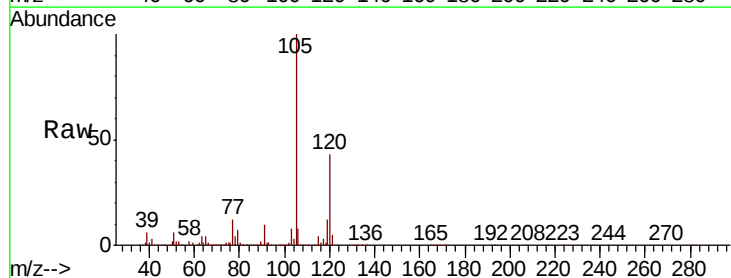
Acq: 21 Aug 2020 12:37

Tgt Ion:105 Resp: 626988

Ion Ratio Lower Upper

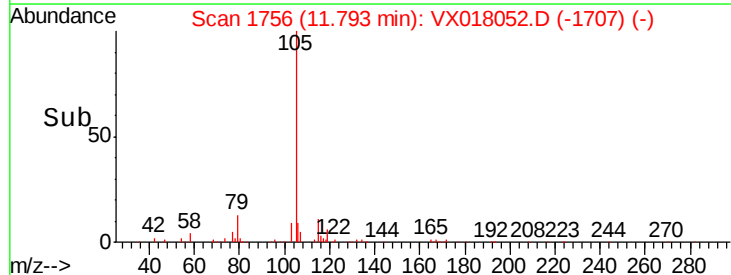
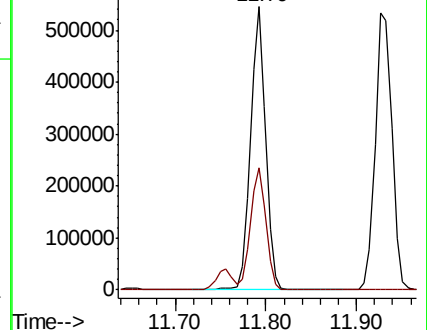
105 100

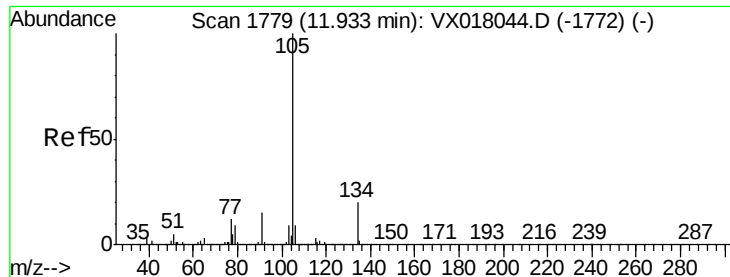
120 44.1 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.334 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

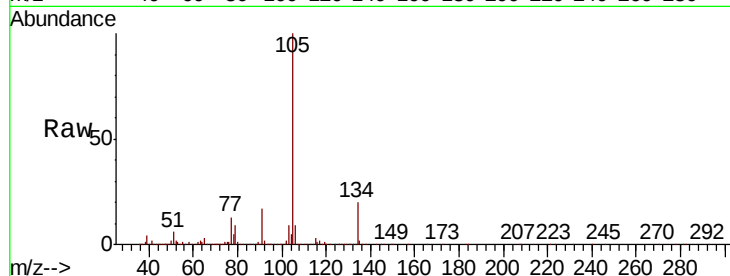
VX0821WBS02

Tot Ion:105 Resp: 680187

Ion Ratio Lower Upper

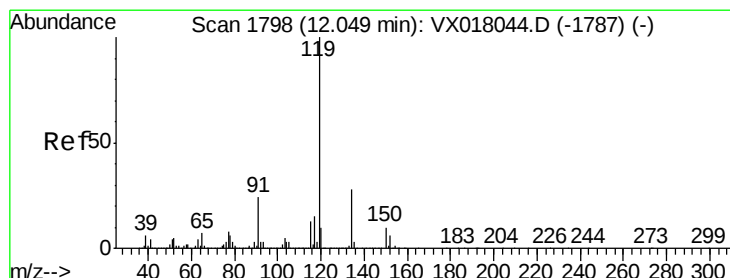
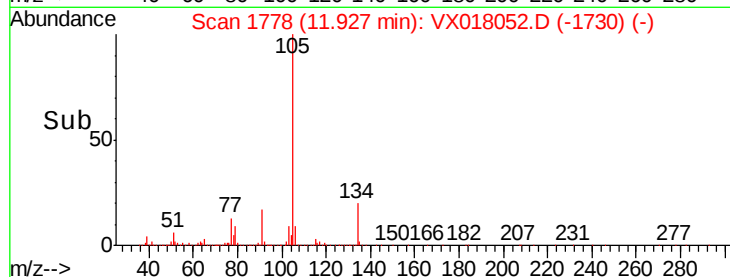
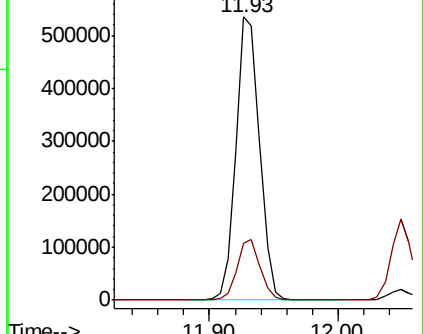
105 100

134 20.8 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.795 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

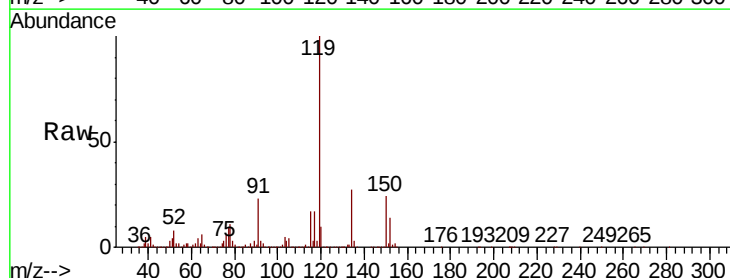
Tgt Ion:119 Resp: 637674

Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

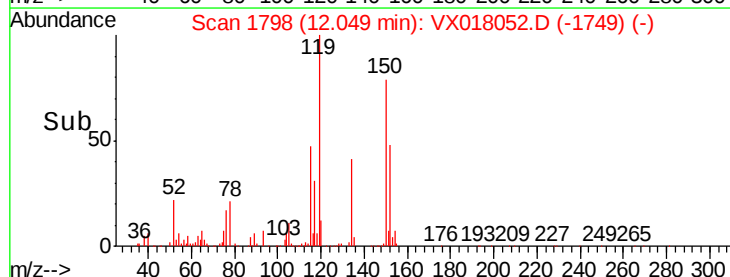
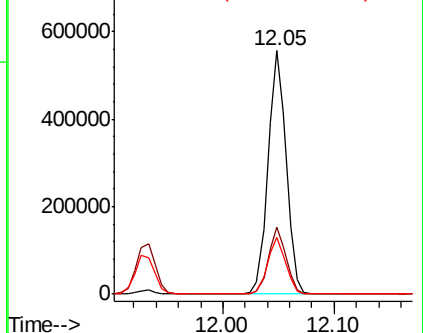
91 23.4 11.8 35.4

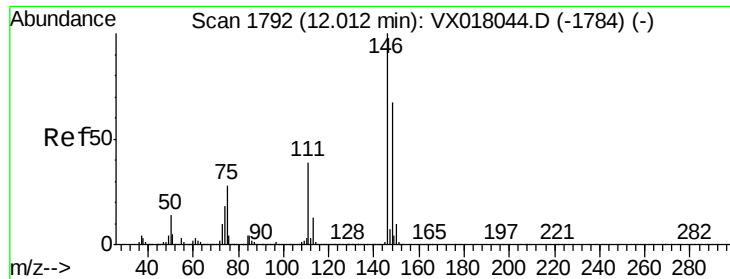


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

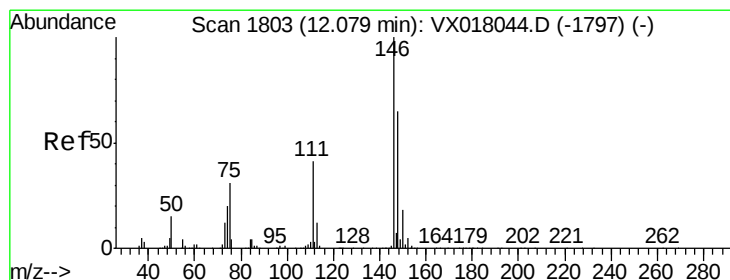
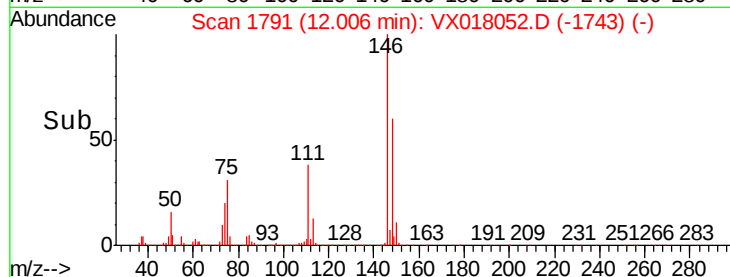
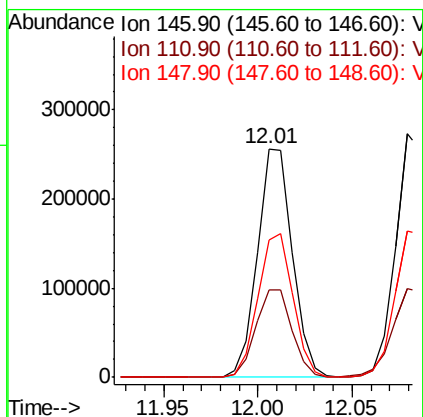
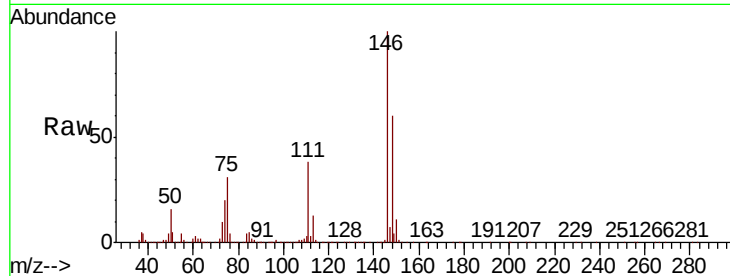




#87
 1,3-Dichlorobenzene
 Concen: 20.534 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

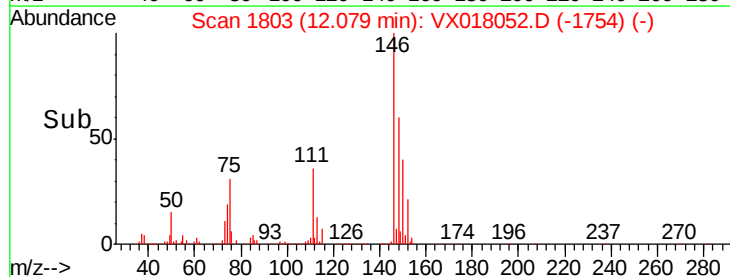
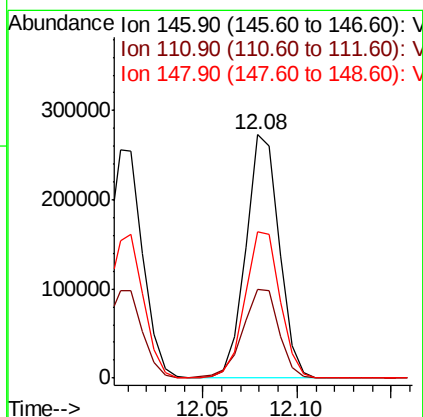
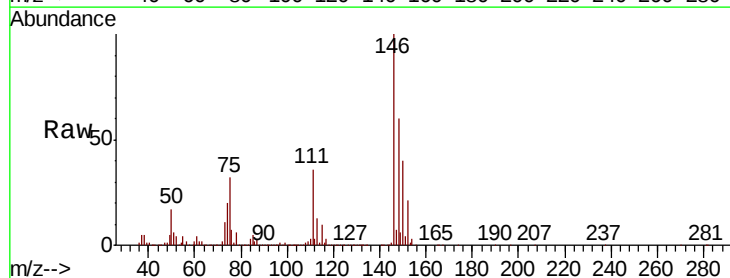
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

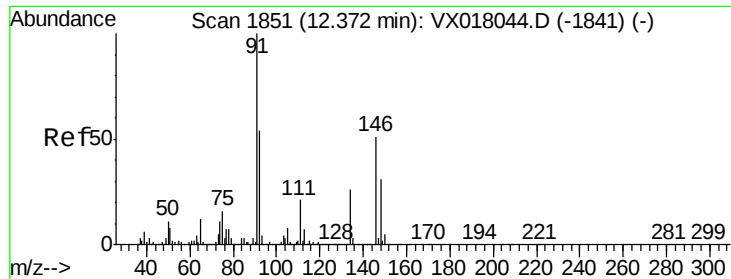
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.6	61.8
148	63.6	33.1	99.2



#88
 1,4-Dichlorobenzene
 Concen: 20.864 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.3	60.8
148	63.6	33.1	99.2

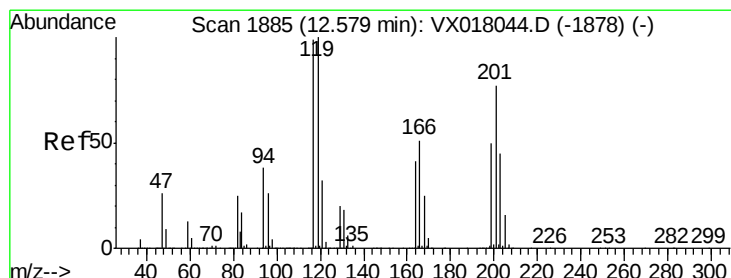
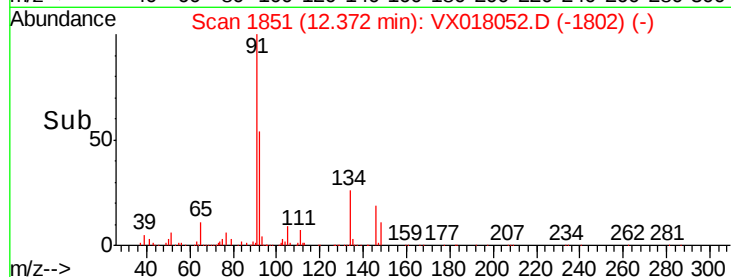
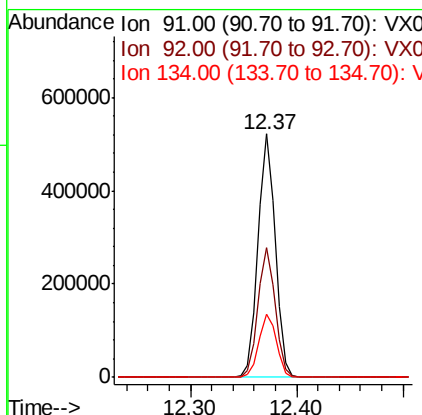
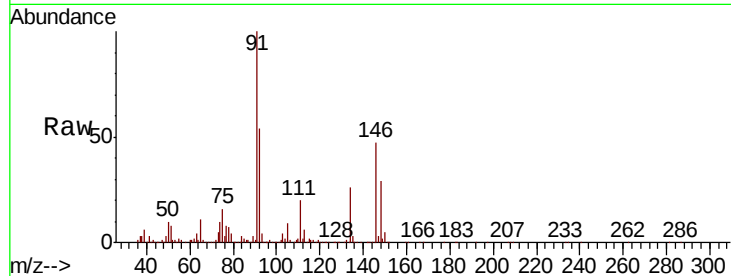




#89
n-Butylbenzene
Concen: 23.407 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

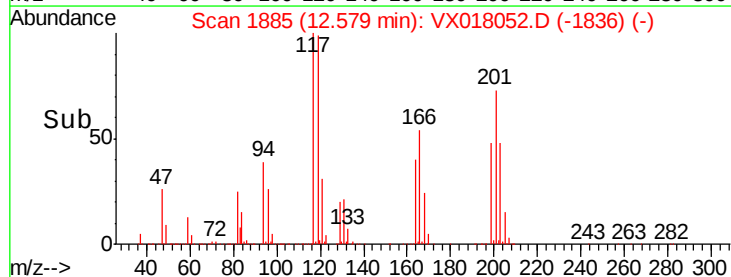
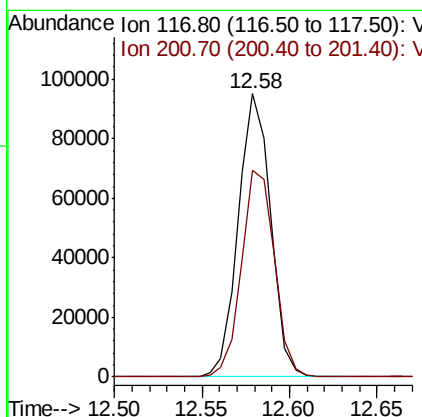
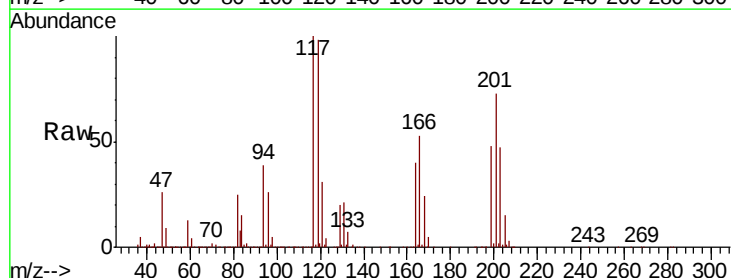
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

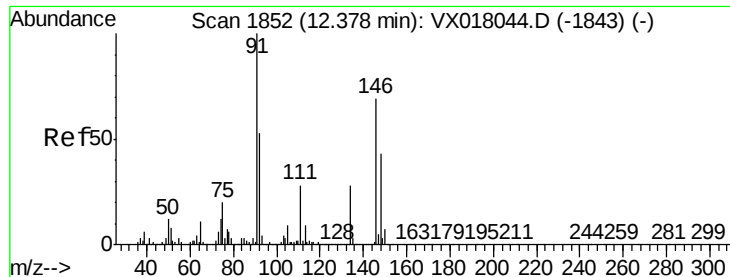
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.4	79.2
134	26.5	12.9	38.7



#90
Hexachloroethane
Concen: 22.251 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.3	38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 21.282 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

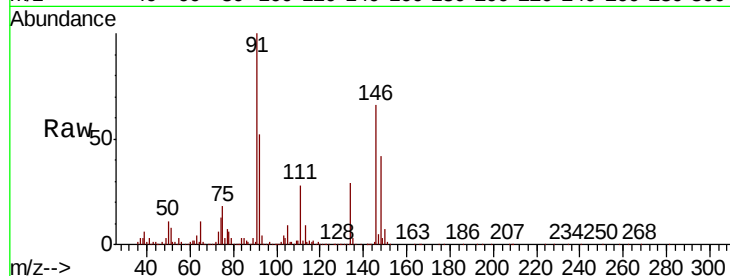
Tot Ion:146 Resp: 321065

Ion Ratio Lower Upper

146 100

111 41.8 20.8 62.5

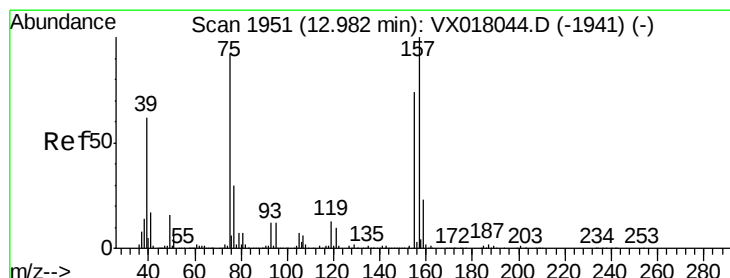
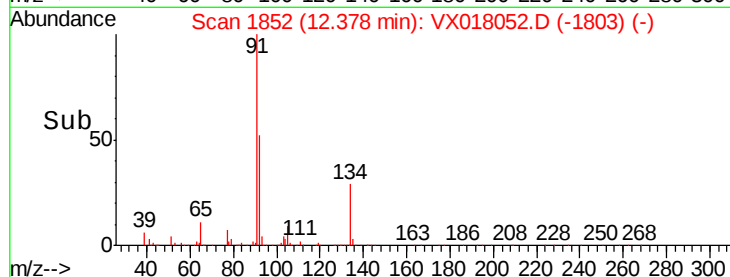
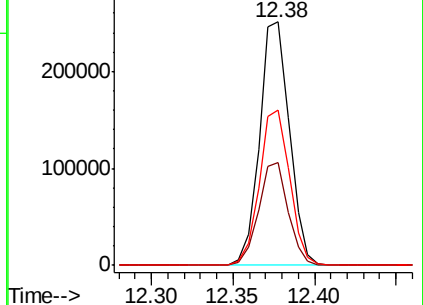
148 64.4 31.6 95.0



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: 18.239 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

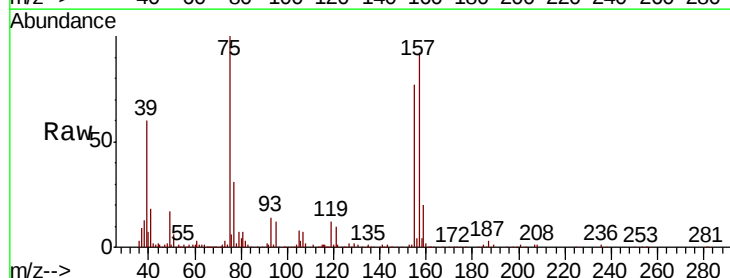
Tgt Ion: 75 Resp: 53126

Ion Ratio Lower Upper

75 100

155 82.7 40.2 120.6

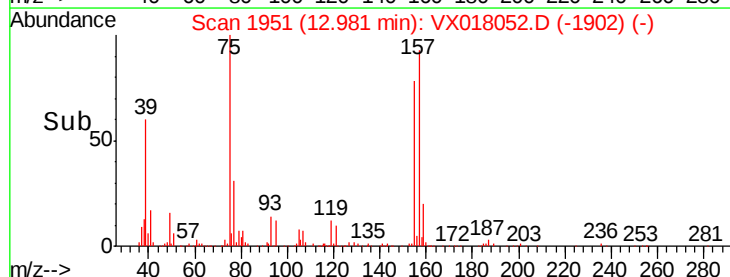
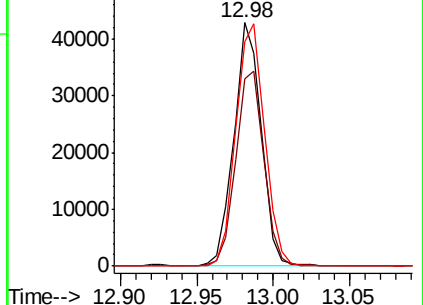
157 104.7 55.0 165.2

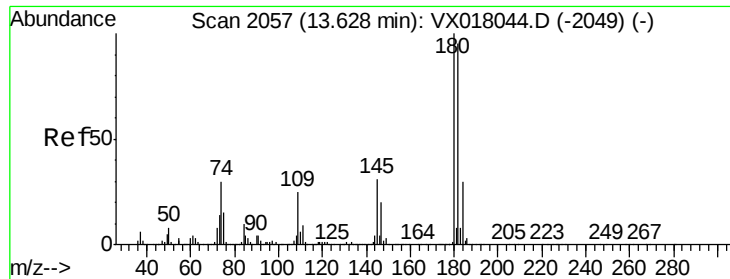


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

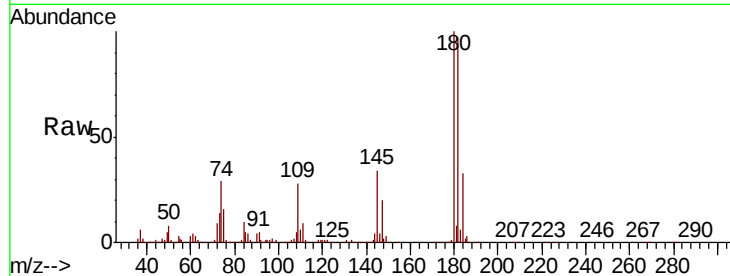




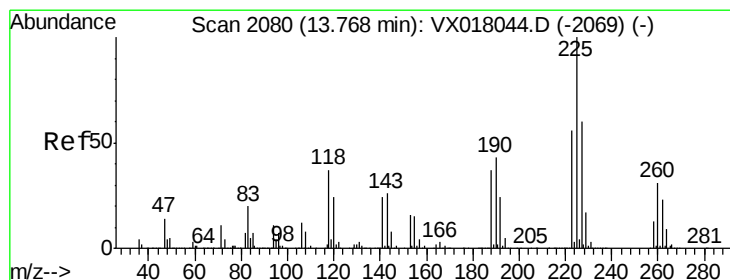
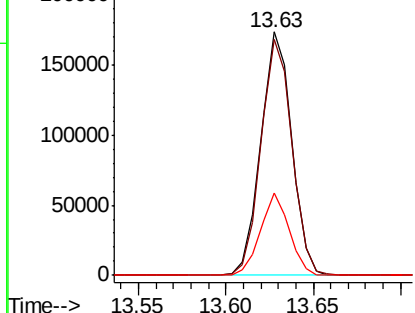
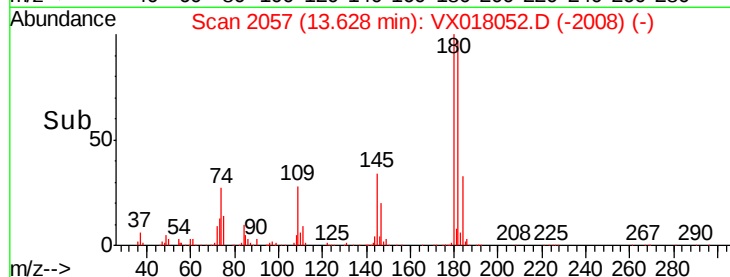
#93
 1,2,4-Trichlorobenzene
 Concen: 21.178 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.5	142.6
145	31.7	15.7	47.1

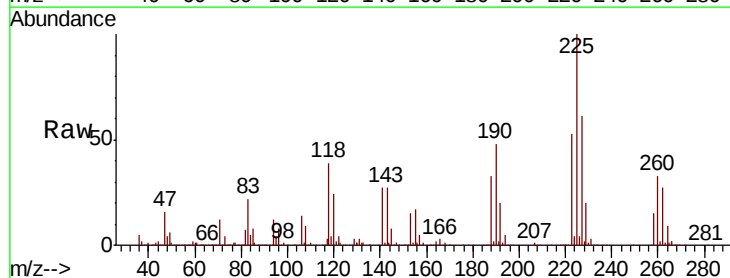


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

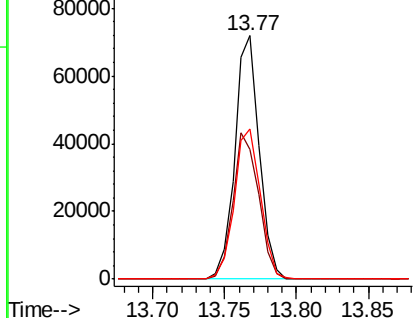
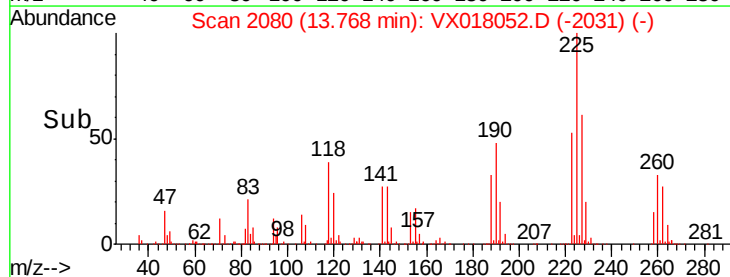


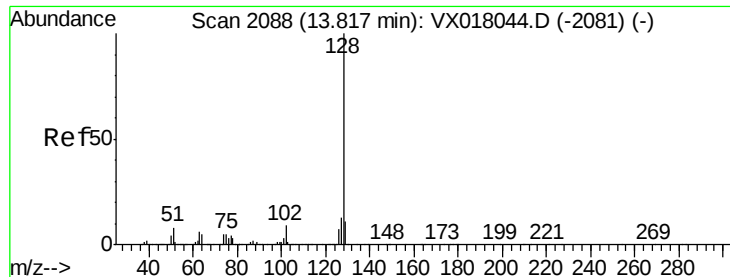
#94
 Hexachlorobutadiene
 Concen: 21.471 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	30.7	92.1
227	65.9	32.6	97.8



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





#95

Naphthalene

Concen: 20.861 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

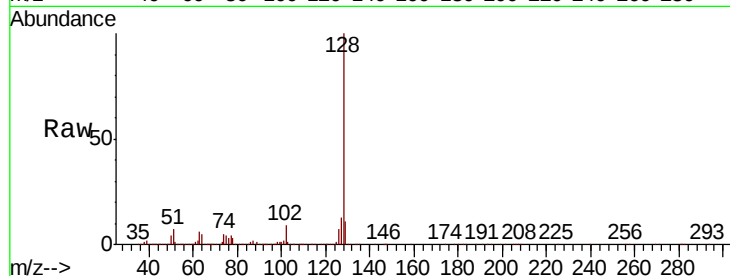
Tot Ion:128 Resp: 690641

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

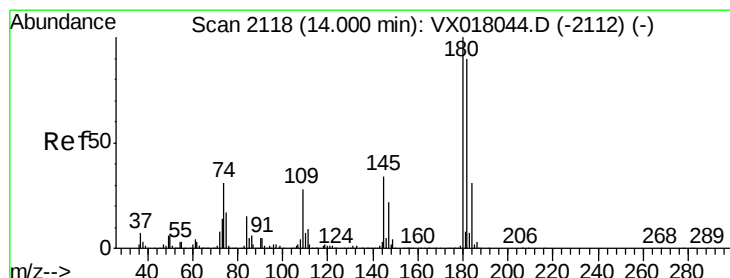
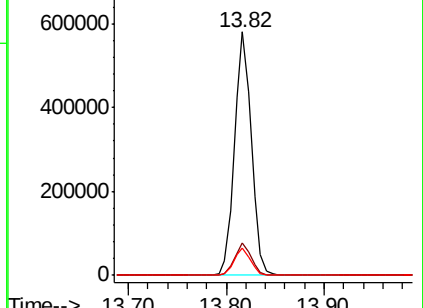
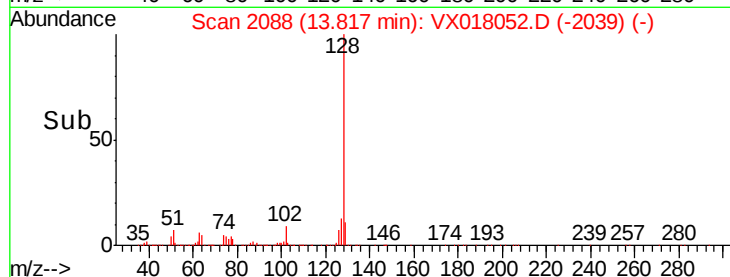
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.760 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

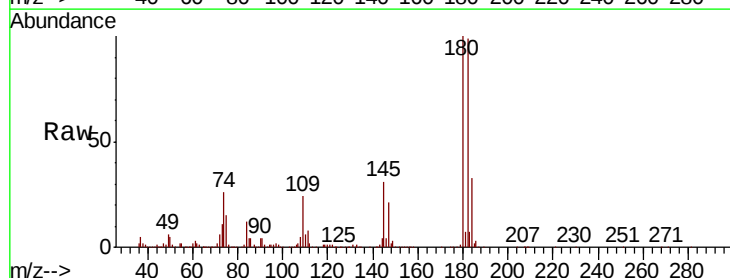
Tgt Ion:180 Resp: 206357

Ion Ratio Lower Upper

180 100

182 96.6 47.3 142.0

145 34.0 17.5 52.6



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

