

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090420\
 Data File : VX018251.D
 Acq On : 04 Sep 2020 11:03
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Quant Time: Sep 04 11:58:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 11:54:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	90998	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	463130	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	445308	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	215295	29.89	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.63%
60) 4-Bromofluorobenzene	11.12	95	233928	31.16	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.87%
63) Toluene-d8	8.70	98	595064	30.75	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.50%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	219830	42.302 ug/l	95
3) Chloromethane	1.31	50	236263	44.837 ug/l	99
4) Vinyl Chloride	1.39	62	256452	48.376 ug/l	99
5) Bromomethane	1.63	94	175326	51.453 ug/l	100
6) Chloroethane	1.72	64	151732	49.218 ug/l	100
7) Trichlorofluoromethane	1.92	101	429565	50.661 ug/l	99
8) Diethyl Ether	2.17	74	137610	53.422 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	221645	54.415 ug/l	99
10) 1,1-Dichloroethene	2.36	96	217479	56.151 ug/l	96
11) Methyl Iodide	2.49	142	259132	59.630 ug/l	97
12) Methyl Acetate	2.75	43	291133	52.030 ug/l	97
13) Acrolein	2.28	56	104483	143.989 ug/l	99
14) Acrylonitrile	3.12	53	664504	281.355 ug/l	100
15) Acetone	2.42	58	172961	265.691 ug/l	90
16) Carbon Disulfide	2.55	76	627890	60.472 ug/l	99
17) Allyl chloride	2.71	41	393378	55.069 ug/l	99
18) Methylene Chloride	2.84	84	252635	55.995 ug/l	94
19) trans-1,2-Dichloroethene	3.14	96	246901	60.229 ug/l	99
20) Diisopropyl ether	3.82	45	787183	55.072 ug/l	91
21) 1,1-Dichloroethane	3.67	63	445227	56.985 ug/l	100
22) cis-1,2-Dichloroethene	4.57	96	269619	55.561 ug/l	97
23) tert-Butyl Alcohol	3.01	59	275354	256.276 ug/l	100
24) Methyl tert-Butyl Ether	3.17	73	795876	54.628 ug/l	99
25) Chloroform	5.18	83	470718	54.923 ug/l	98
26) Cyclohexane	5.56	56	361580	54.359 ug/l	# 49
29) 1,1-Dichloropropene	5.77	75	342848	59.476 ug/l	99
30) 2-Butanone	4.64	43	934958	290.965 ug/l	100
31) 2,2-Dichloropropane	4.56	77	409954	56.926 ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	444468	57.532 ug/l	98
33) Carbon Tetrachloride	5.76	117	412194	57.659 ug/l	93
34) Benzene	6.12	78	976509	59.345 ug/l	96
35) Methacrylonitrile	5.01	41	205431	59.127 ug/l	95
36) 1,2-Dichloroethane	6.17	62	409946	59.437 ug/l	# 100
37) Trichloroethene	7.19	130	274538	57.184 ug/l	97
38) Methylcyclohexane	7.45	83	371516	55.467 ug/l	96
39) 1,2-Dichloropropane	7.49	63	257427	57.836 ug/l	96
40) Dibromomethane	7.64	93	187052	58.857 ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	390796	56.823	ug/l	94
42) Vinyl Acetate	3.79	43	3582422	322.458	ug/l	100
43) Ethyl Acetate	4.79	43	368446	59.873	ug/l	98
44) Isopropyl Acetate	6.42	43	599693	57.203	ug/l	97
45) 1,4-Dioxane	7.71	88	98087	1006.680	ug/l #	90
46) Methyl methacrylate	7.74	41	300351	58.727	ug/l	97
47) n-amyl Acetate	10.88	43	543919	62.547	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	424124	57.535	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	440348	55.383	ug/l	96
50) 1,1,2-Trichloroethane	9.20	97	261143	58.625	ug/l	98
51) Ethyl methacrylate	9.16	69	383794	58.717	ug/l	97
52) 1,3-Dichloropropane	9.35	76	433787	58.922	ug/l	98
53) Dibromochloromethane	9.57	129	329361	57.849	ug/l	97
54) 1,2-Dibromoethane	9.65	107	289119	58.837	ug/l	95
55) 2-Chloroethyl vinyl ether	8.29	63	1017720	287.678	ug/l	99
56) Bromoform	10.84	173	258755	61.269	ug/l	97
58) 4-Methyl-2-Pentanone	8.62	43	1883322	288.397	ug/l	99
59) 2-Hexanone	9.48	43	1430448	302.392	ug/l	99
61) Tetrachloroethene	9.32	164	260953	52.379	ug/l	91
62) Toluene	8.77	91	1087239	58.897	ug/l	99
64) Chlorobenzene	10.12	112	683195	55.415	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	277735	55.106	ug/l	99
66) Ethyl Benzene	10.24	91	1219132	59.388	ug/l	96
67) m/p-Xylenes	10.34	106	929318	120.293	ug/l	99
68) o-Xylene	10.68	106	447669	59.435	ug/l	97
69) Styrene	10.70	104	789037	59.783	ug/l	100
70) Isopropylbenzene	11.00	105	1233825	56.693	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	394514	61.946	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	497988	79.139	ug/l	89
73) Bromobenzene	11.24	156	321957	55.587	ug/l	98
74) n-propylbenzene	11.34	91	1441477	57.571	ug/l	99
75) 2-Chlorotoluene	11.40	91	859254	56.625	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	1067906	58.080	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	150194	60.965	ug/l	93
78) 4-Chlorotoluene	11.49	91	1031856	58.321	ug/l	100
79) tert-butylbenzene	11.76	119	1027527	56.994	ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	1076100	56.345	ug/l	99
81) sec-Butylbenzene	11.93	105	1218005	56.913	ug/l	100
82) p-Isopropyltoluene	12.05	119	1141784	58.439	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	589443	55.528	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	589082	55.908	ug/l	98
85) n-Butylbenzene	12.37	91	1000633	54.099	ug/l	99
86) Hexachloroethane	12.58	117	216044	52.300	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	550228	52.619	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	101584	57.931	ug/l	95
89) 1,2,4-Trichlorobenzene	13.63	180	371192	51.364	ug/l	97
90) Hexachlorobutadiene	13.77	225	154235	46.616	ug/l	90
91) Naphthalene	13.82	128	1200463	55.812	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	377371	54.108	ug/l	99

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 04 11:54:34 2020
Response via : Initial Calibration

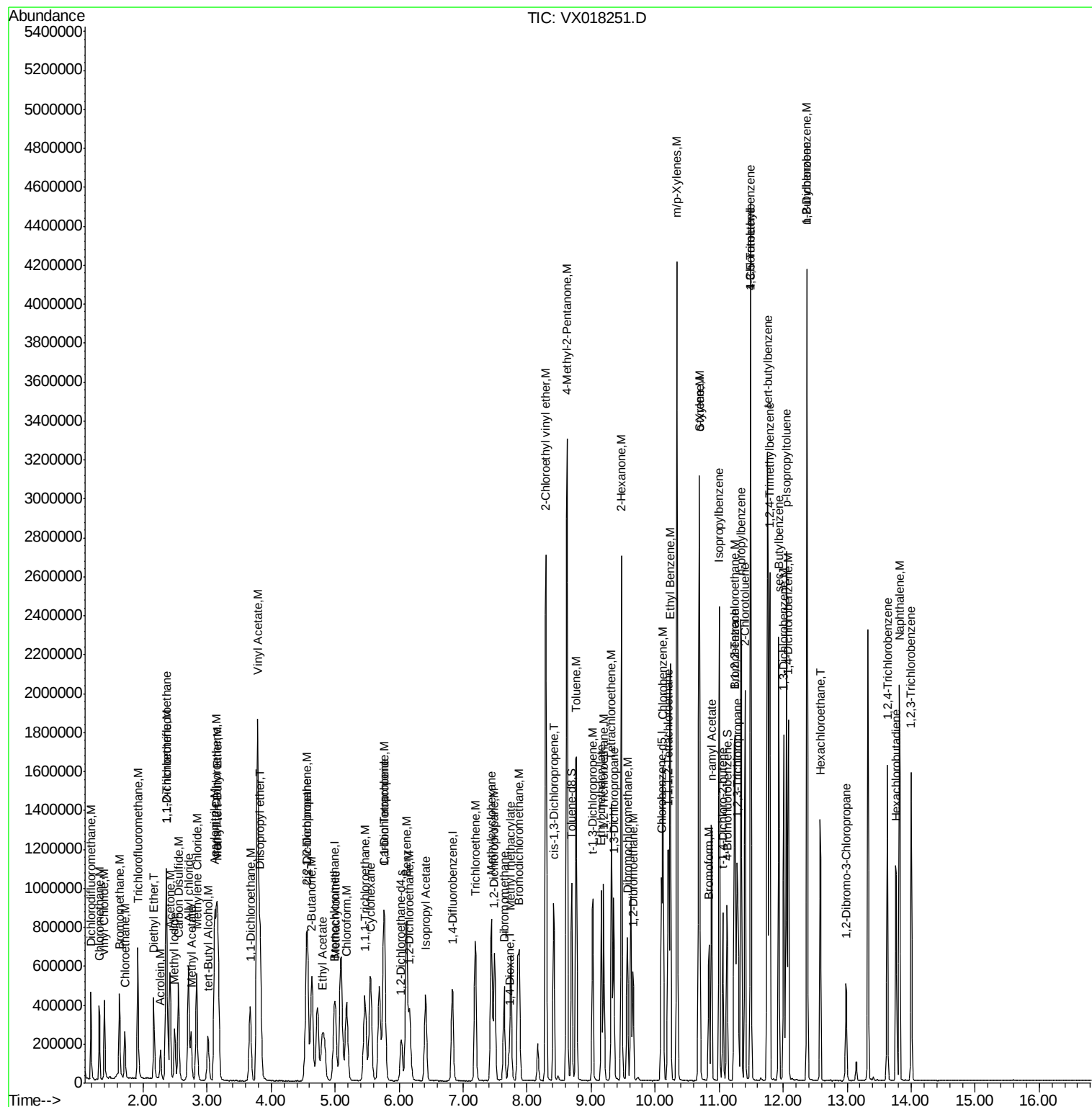
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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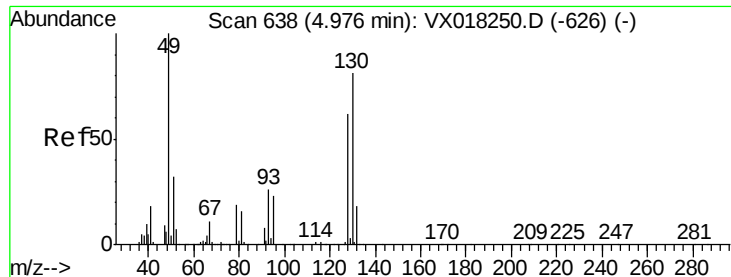
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\WX090420\
Data File : VX018251.D
Acq On : 04 Sep 2020 11:03
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC050

Quant Time: Sep 04 11:58:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X090420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

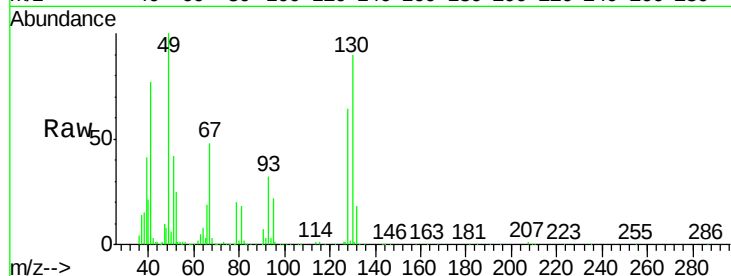
Tgt Ion:128 Resp: 90998

Ion Ratio Lower Upper

128 100

49 153.7 0.0 392.0

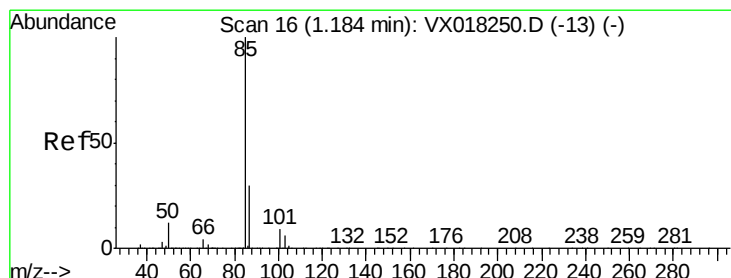
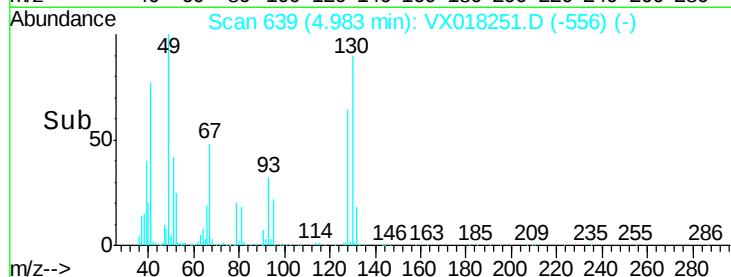
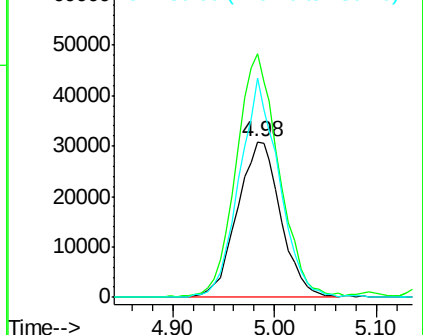
130 128.6 0.0 320.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 42.302 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018251.D

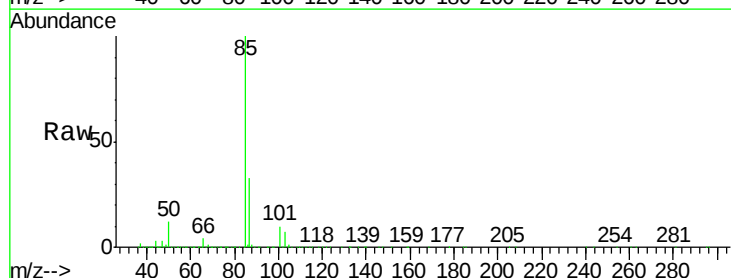
Acq: 04 Sep 2020 11:03

Tgt Ion: 85 Resp: 219830

Ion Ratio Lower Upper

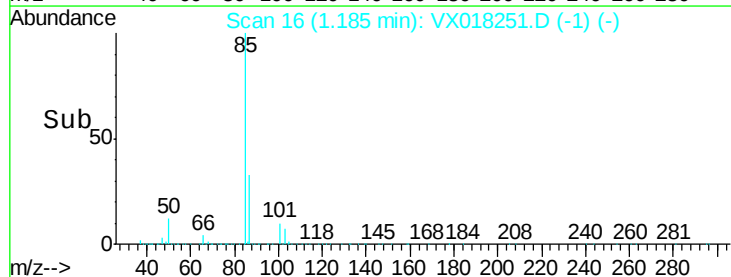
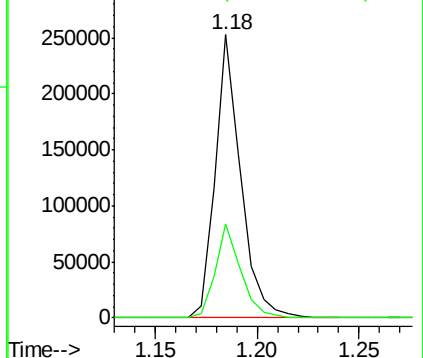
85 100

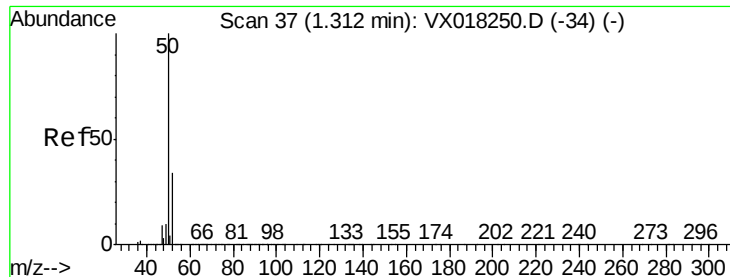
87 33.0 15.1 45.3



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

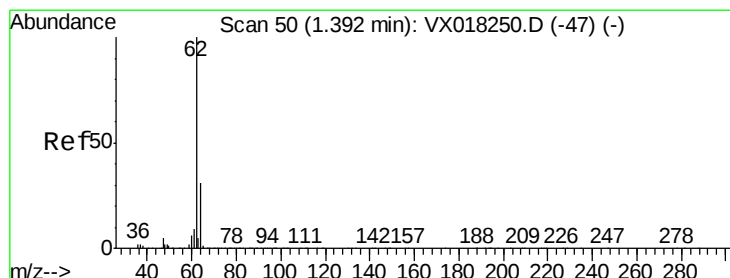
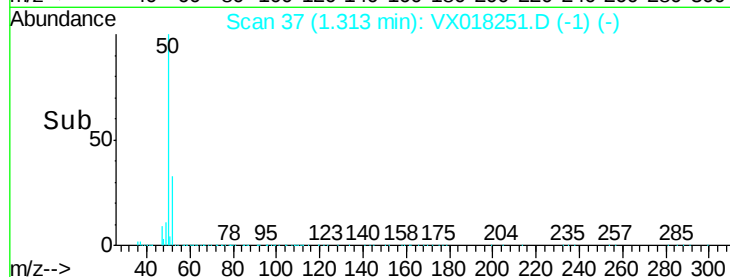
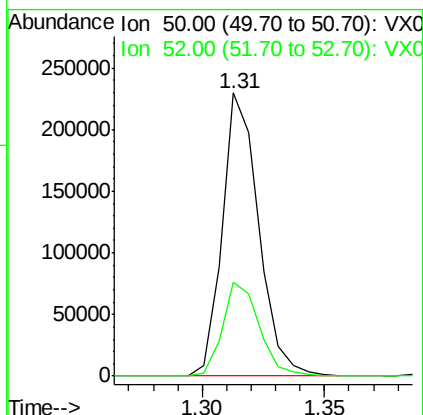
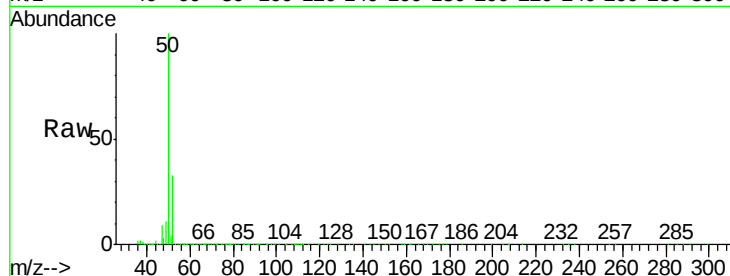




#3
Chloromethane
Concen: 44.837 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

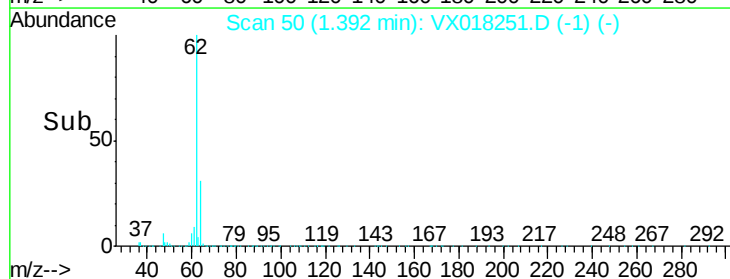
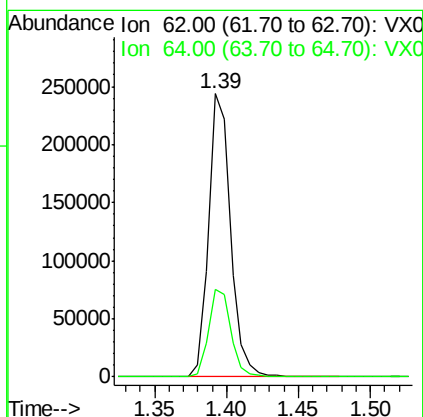
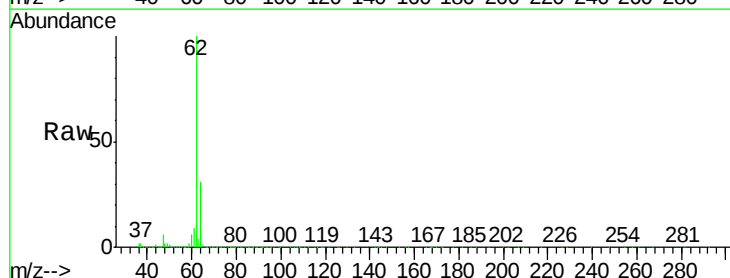
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

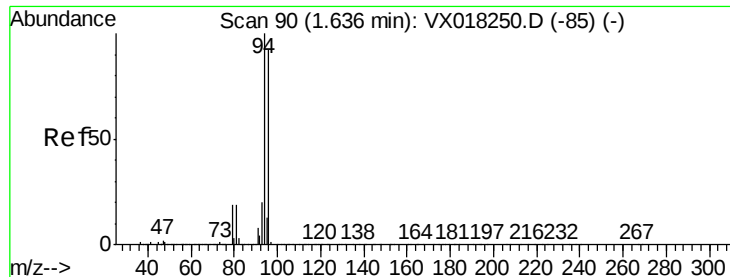
Tgt Ion: 50 Resp: 236263
Ion Ratio Lower Upper
50 100
52 33.2 27.1 40.7



#4
Vinyl Chloride
Concen: 48.376 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion: 62 Resp: 256452
Ion Ratio Lower Upper
62 100
64 30.8 25.2 37.8





#5

Bromomethane

Concen: 51.453 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

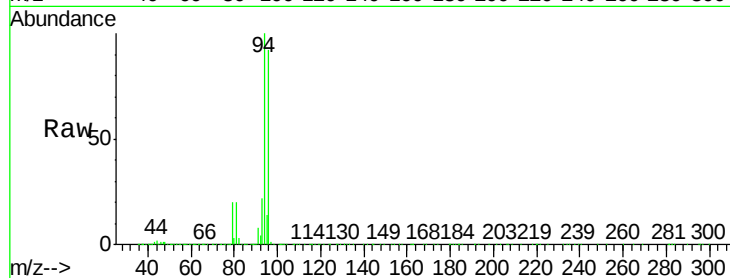
VSTDIC050

Tgt Ion: 94 Resp: 175326

Ion Ratio Lower Upper

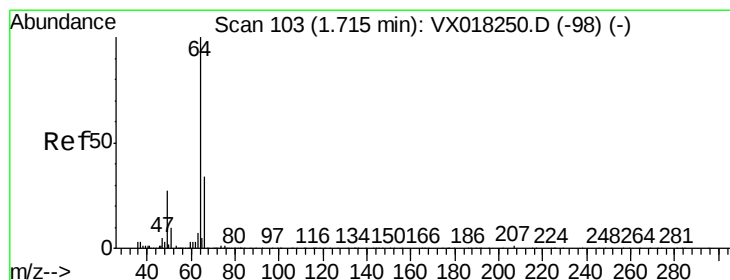
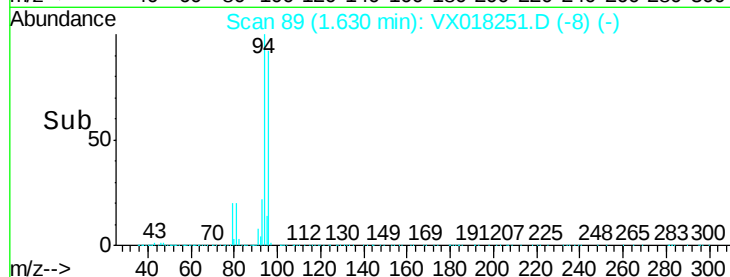
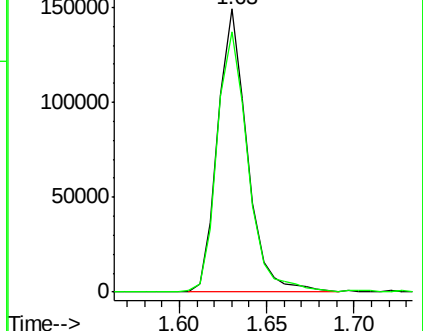
94 100

96 92.1 73.9 110.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 49.218 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018251.D

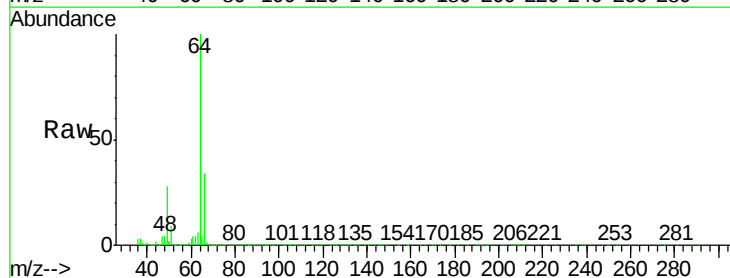
Acq: 04 Sep 2020 11:03

Tgt Ion: 64 Resp: 151732

Ion Ratio Lower Upper

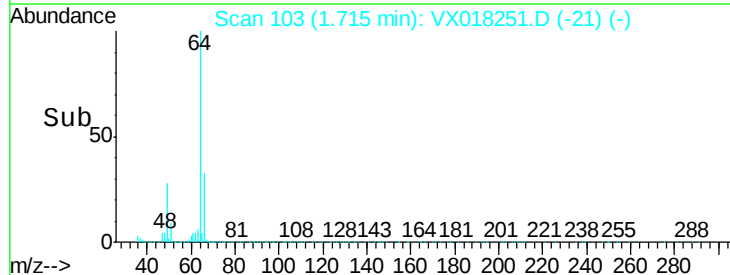
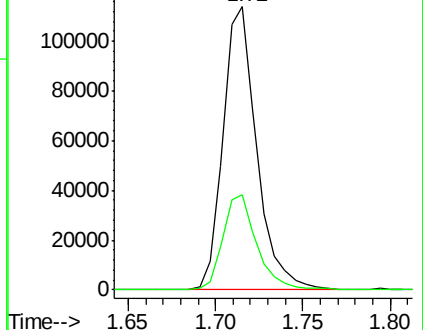
64 100

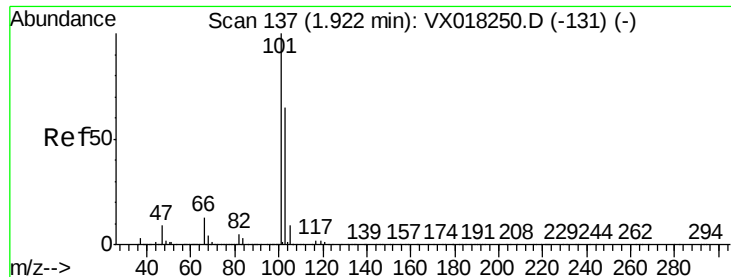
66 33.6 27.0 40.4



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



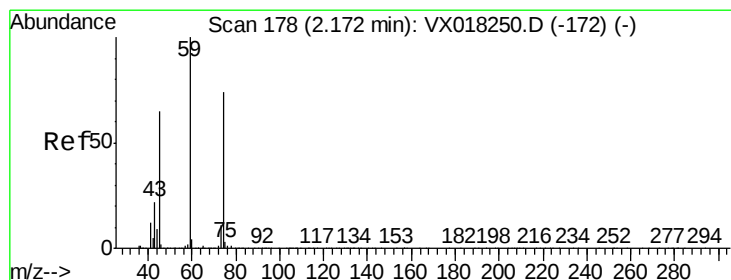
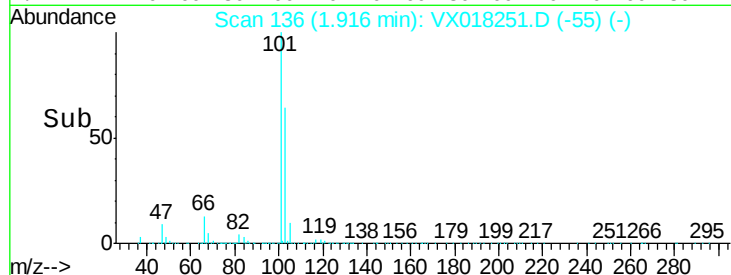
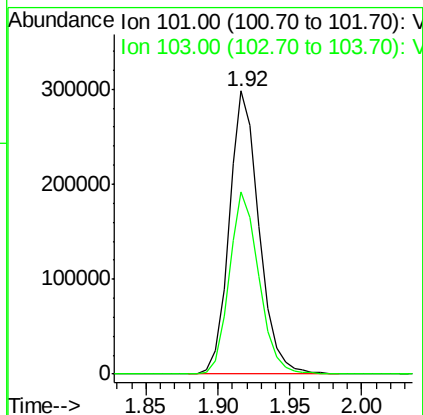
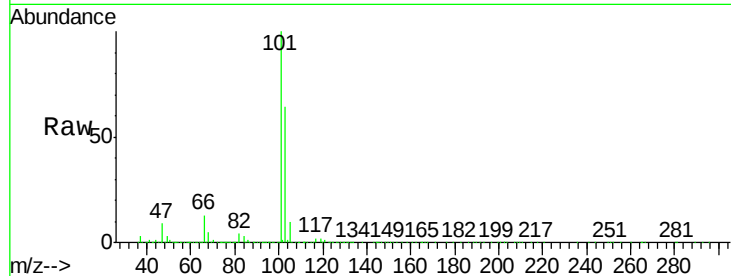


#7

Trichlorofluoromethane
Concen: 50.661 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Instrument :
MSVOA_X
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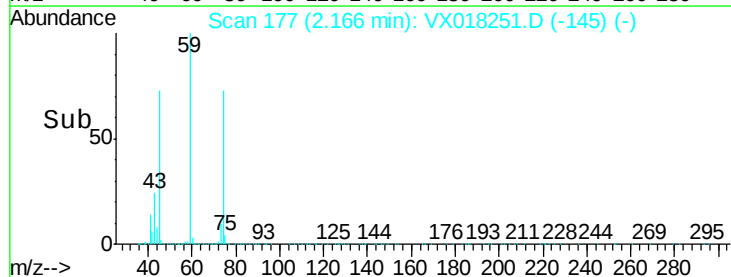
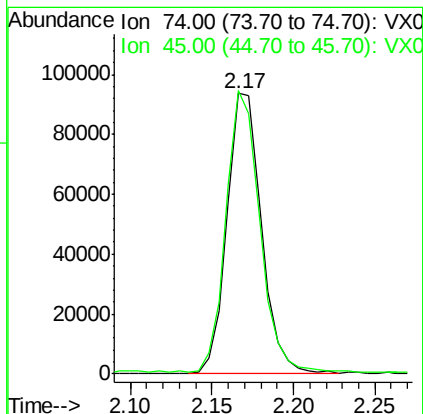
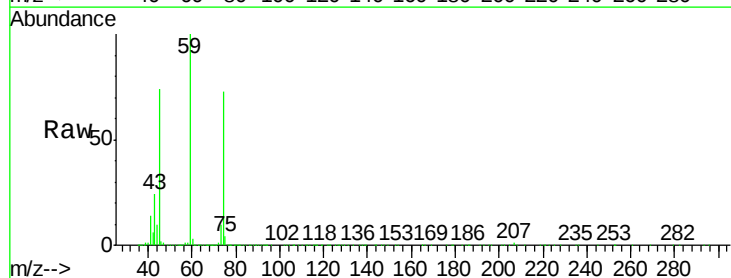
Tgt Ion:101 Resp: 429565
Ion Ratio Lower Upper
101 100
103 64.4 52.3 78.5

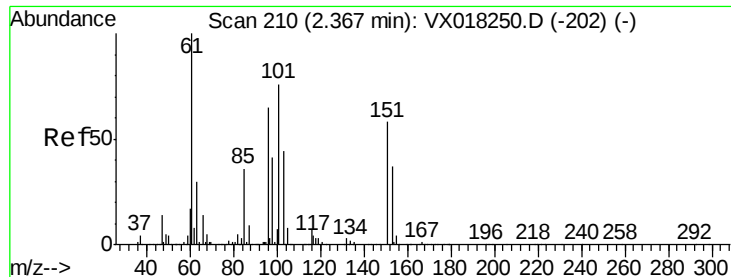


#8

Diethyl Ether
Concen: 53.422 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion: 74 Resp: 137610
Ion Ratio Lower Upper
74 100
45 98.7 20.5 184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.415 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

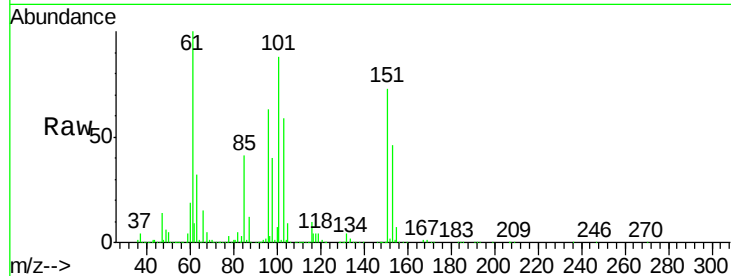
Tgt Ion: 101 Resp: 221645

Ion Ratio Lower Upper

101 100

85 43.1 0.0 87.8

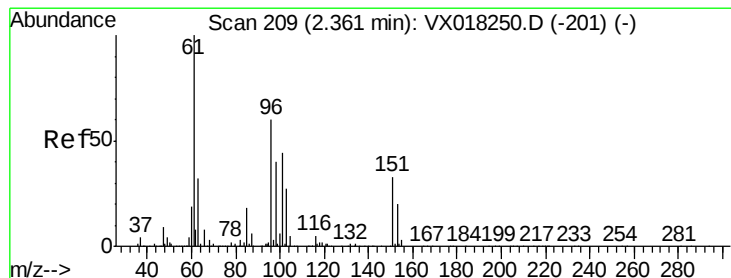
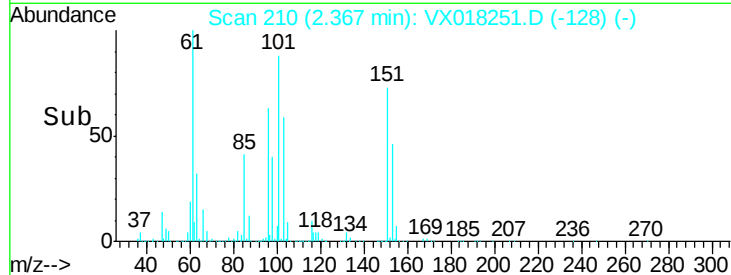
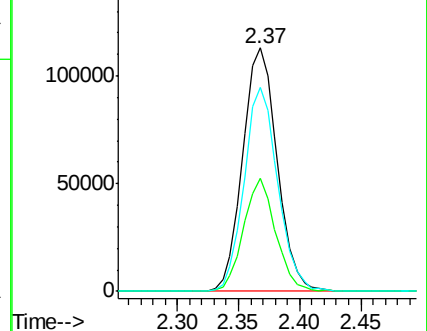
151 81.9 0.0 161.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 56.151 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

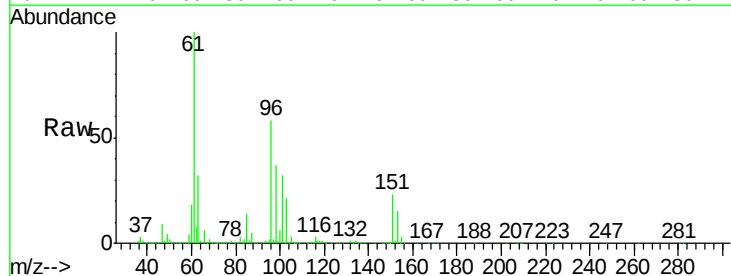
Tgt Ion: 96 Resp: 217479

Ion Ratio Lower Upper

96 100

61 172.0 132.5 198.7

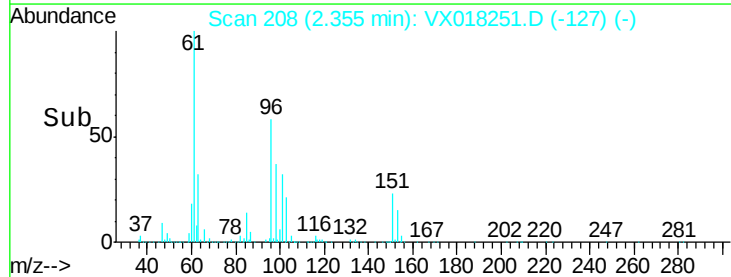
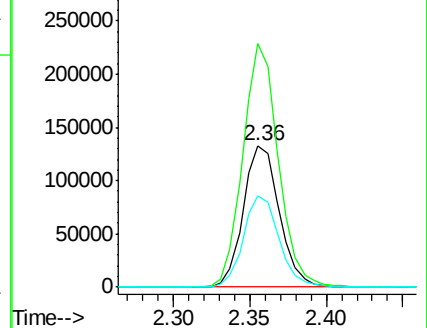
98 64.2 52.4 78.6

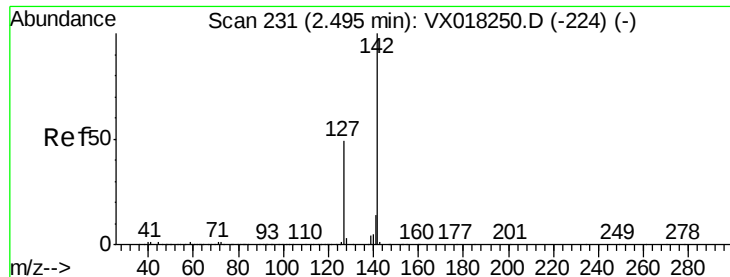


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

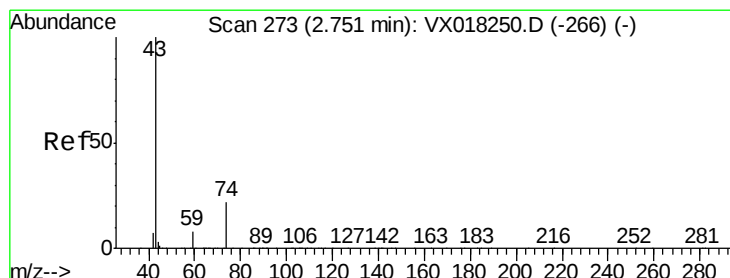
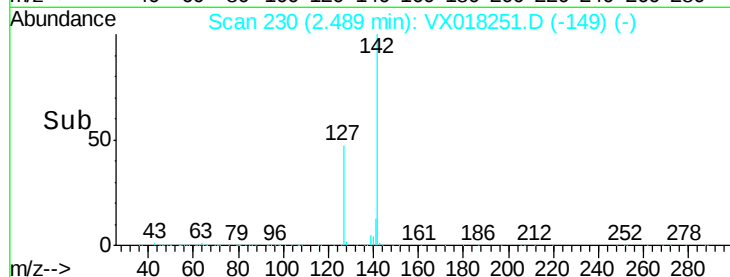
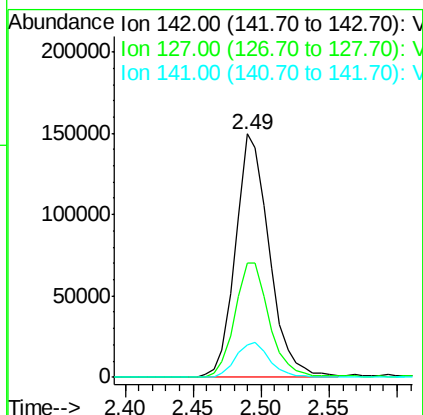
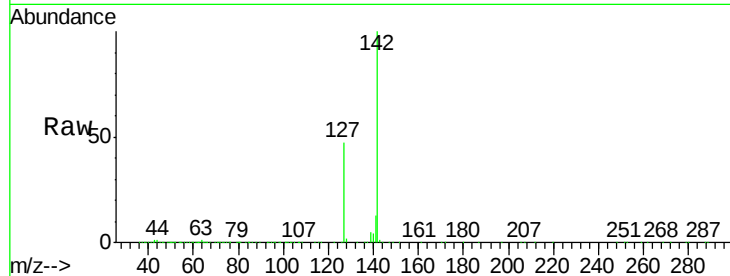




#11
Methyl Iodide
Concen: 59.630 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

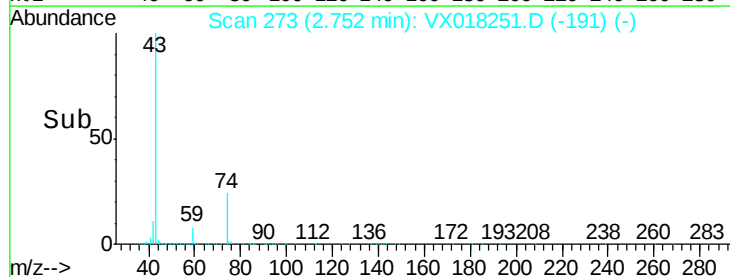
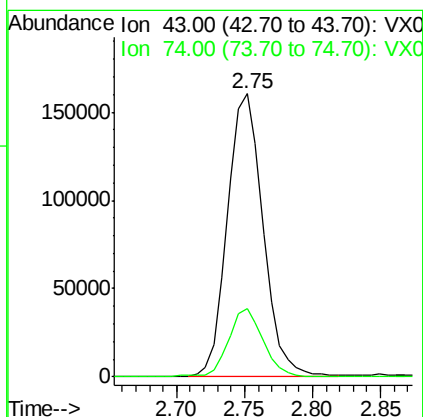
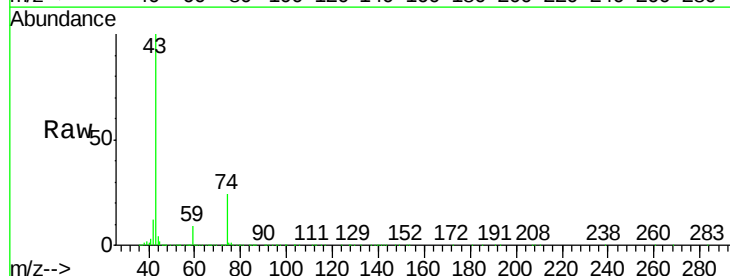
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

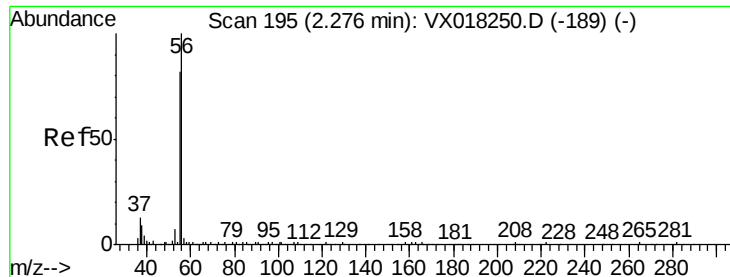
Tgt Ion: 142 Resp: 259132
Ion Ratio Lower Upper
142 100
127 47.0 24.6 74.0
141 13.1 7.0 21.0



#12
Methyl Acetate
Concen: 52.030 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion: 43 Resp: 291133
Ion Ratio Lower Upper
43 100
74 23.9 18.0 27.0





#13

Acrolein

Concen: 143.989 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

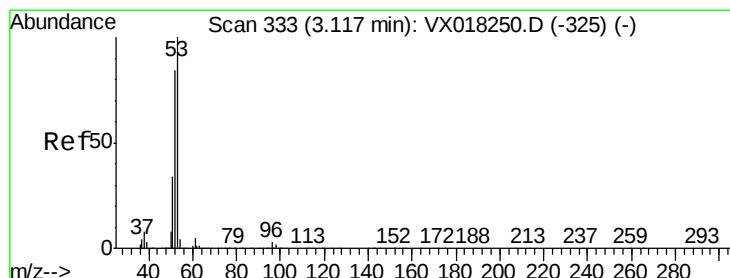
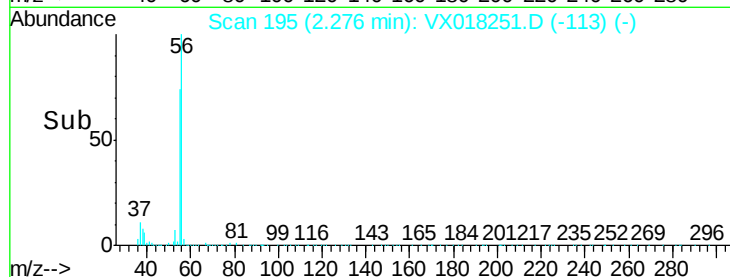
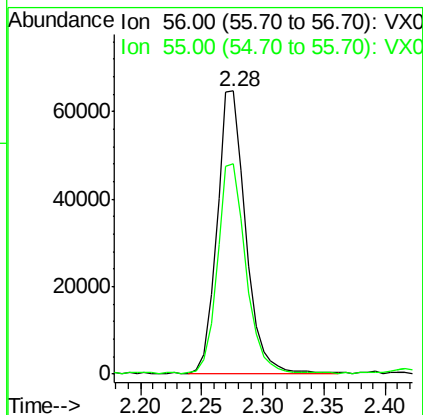
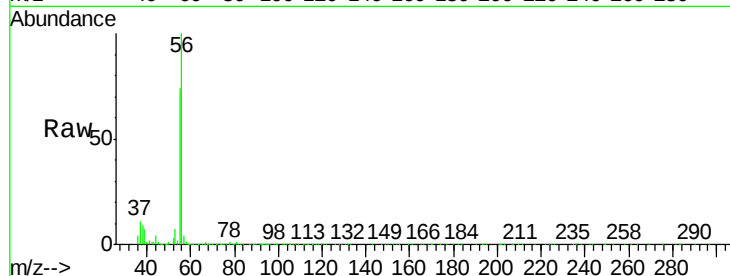
VSTDIC050

Tgt Ion: 56 Resp: 104483

Ion Ratio Lower Upper

56 100

55 74.0 59.7 89.5



#14

Acrylonitrile

Concen: 281.355 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

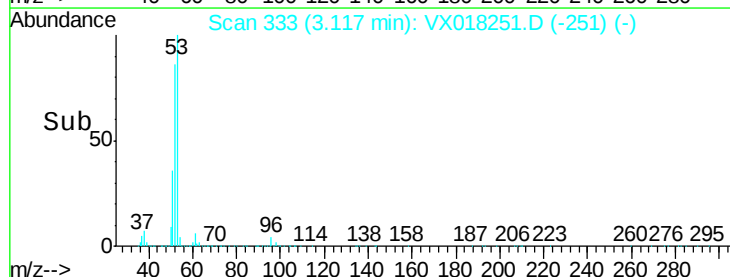
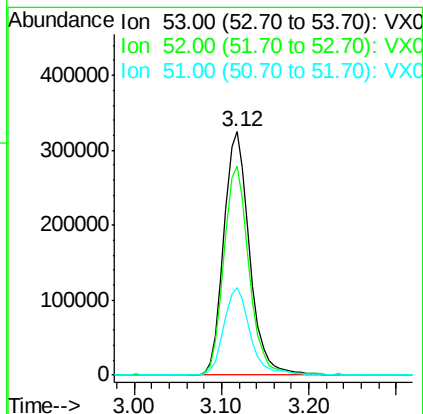
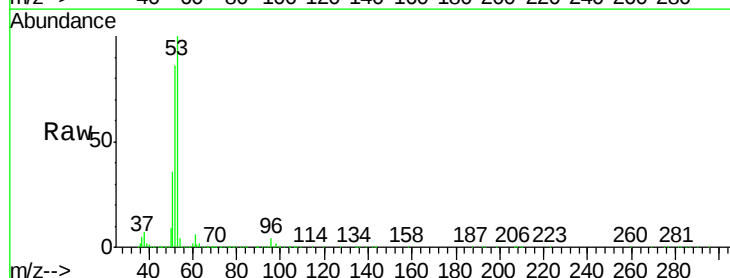
Tgt Ion: 53 Resp: 664504

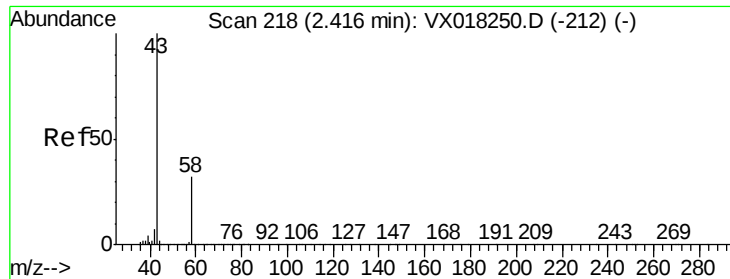
Ion Ratio Lower Upper

53 100

52 83.5 41.9 125.7

51 36.6 18.3 54.8





#15

Acetone

Concen: 265.691 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

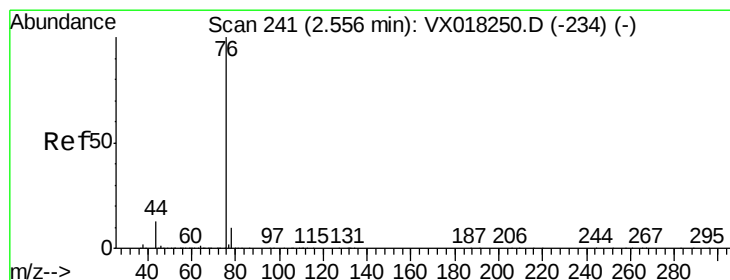
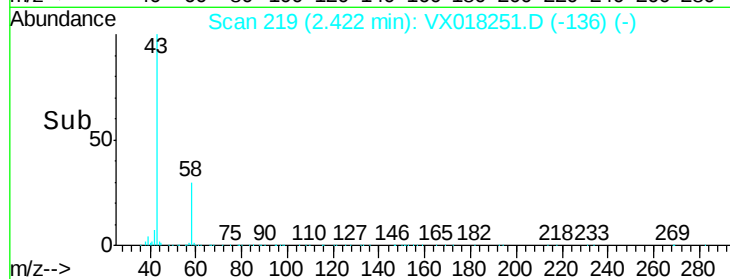
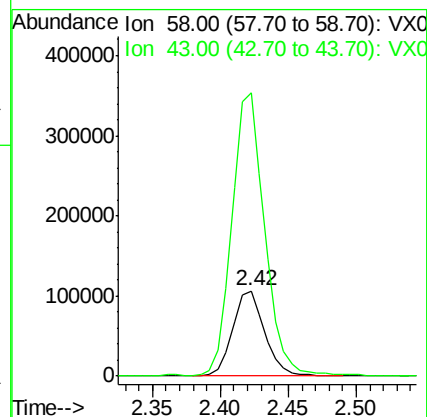
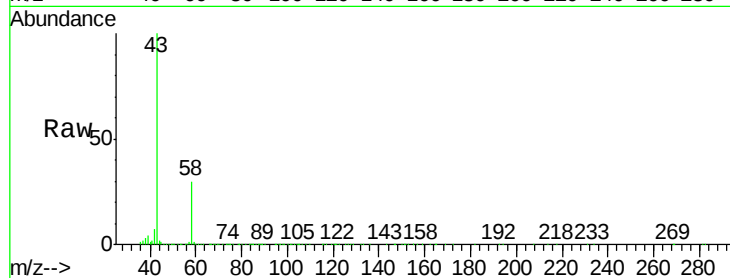
VSTDIC050

Tgt Ion: 58 Resp: 172961

Ion Ratio Lower Upper

58 100

43 330.6 248.2 372.2



#16

Carbon Disulfide

Concen: 60.472 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX018251.D

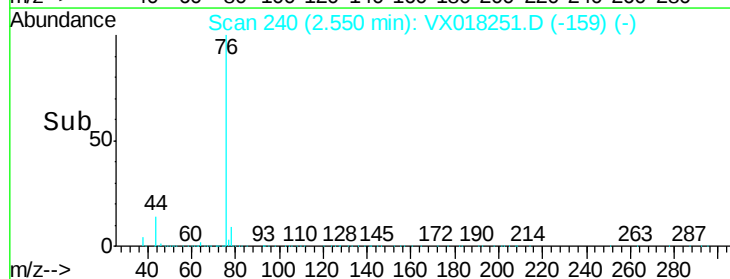
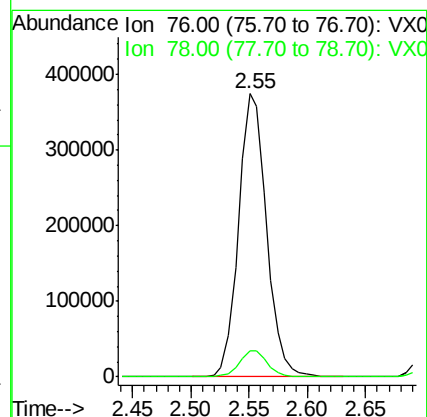
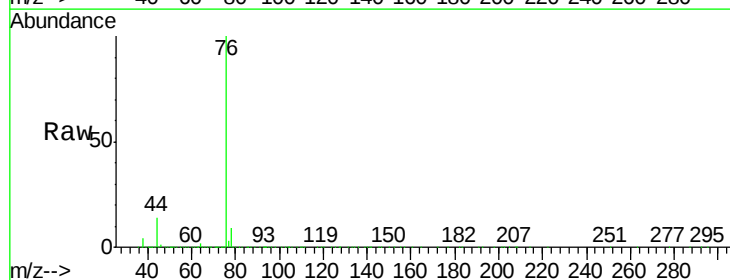
Acq: 04 Sep 2020 11:03

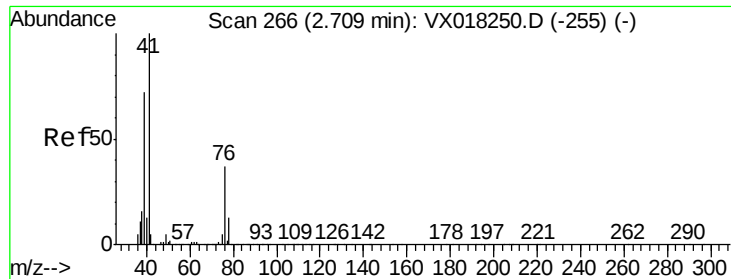
Tgt Ion: 76 Resp: 627890

Ion Ratio Lower Upper

76 100

78 9.4 7.8 11.6

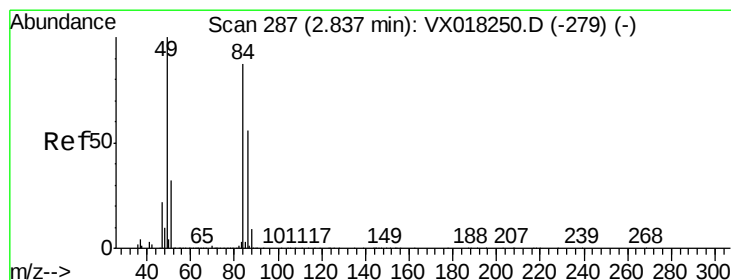
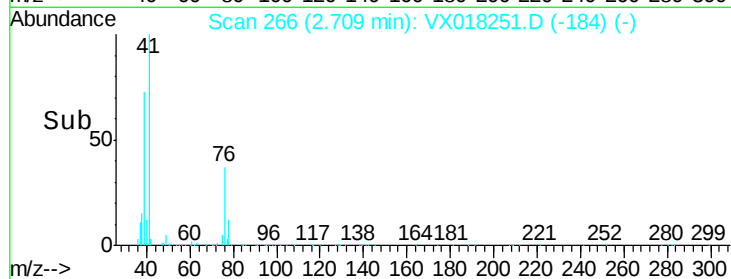
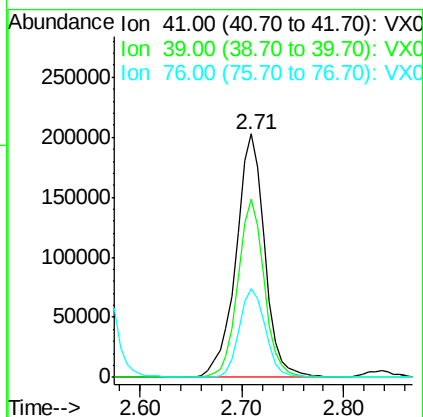
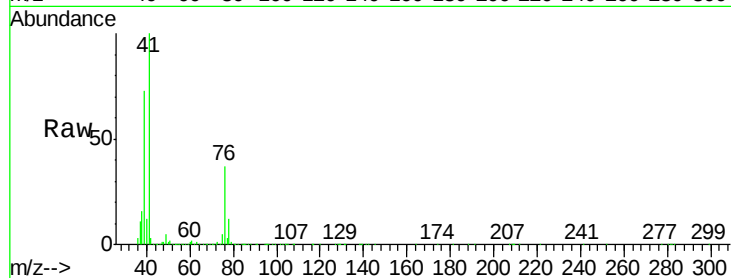




#17
 Allyl chloride
 Concen: 55.069 ug/l
 RT: 2.71 min Scan# 266
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

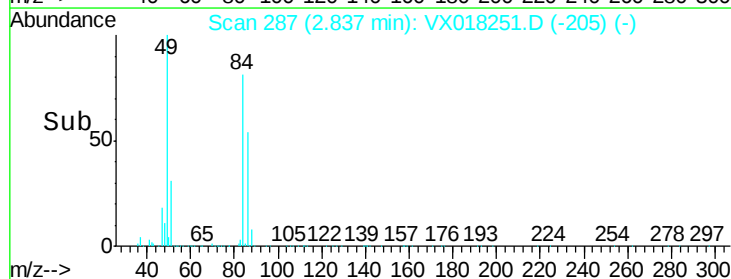
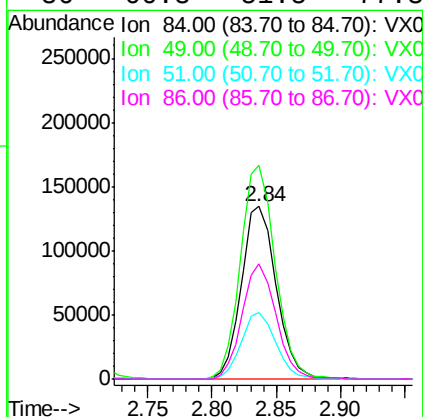
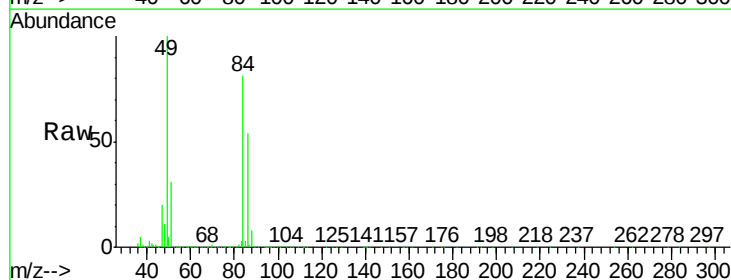
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

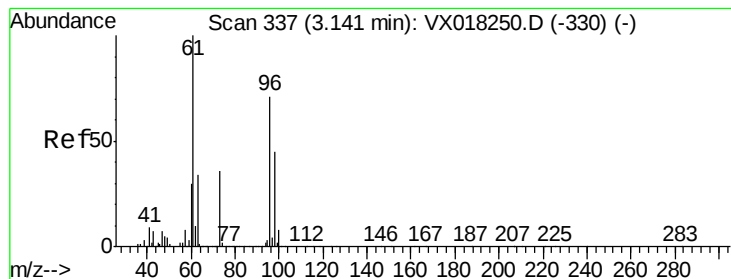
Tgt Ion: 41 Resp: 393378
 Ion Ratio Lower Upper
 41 100
 39 73.4 36.0 108.1
 76 36.6 18.6 55.6



#18
 Methylene Chloride
 Concen: 55.995 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Tgt Ion: 84 Resp: 252635
 Ion Ratio Lower Upper
 84 100
 49 123.9 91.6 137.4
 51 38.6 29.4 44.0
 86 66.8 51.5 77.3





#19

trans-1,2-Dichloroethene

Concen: 60.229 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

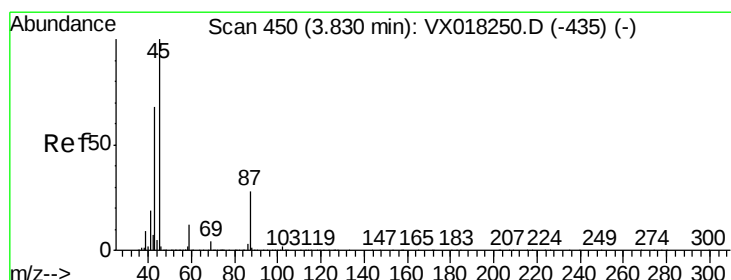
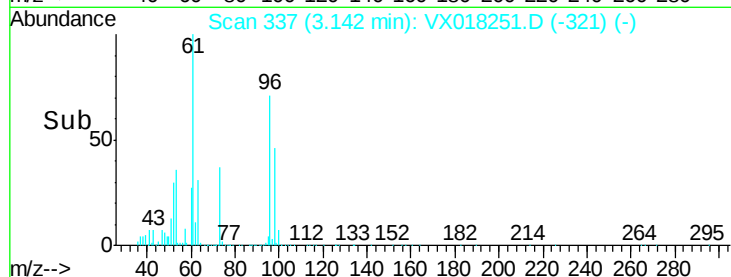
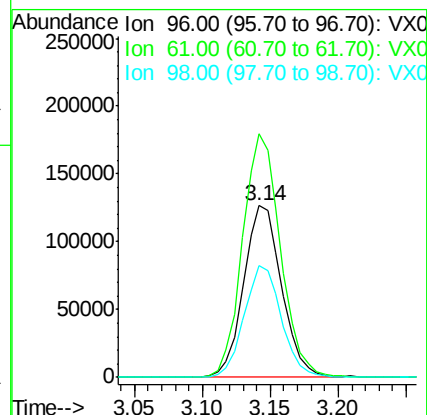
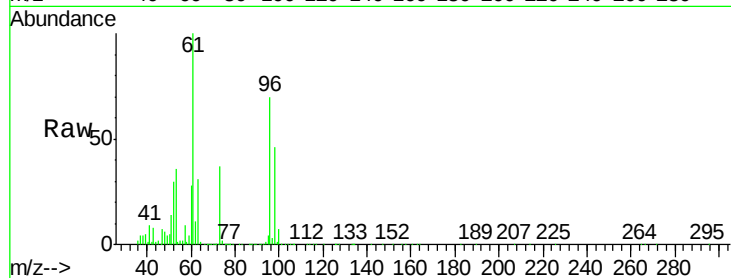
Tgt Ion: 96 Resp: 246901

Ion Ratio Lower Upper

96 100

61 142.1 112.8 169.2

98 65.6 51.0 76.4



#20

Diisopropyl ether

Concen: 55.072 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Tgt Ion: 45 Resp: 787183

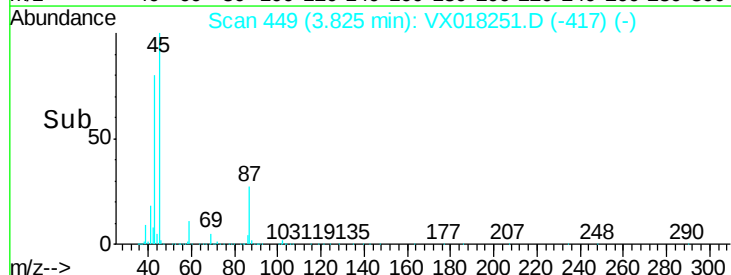
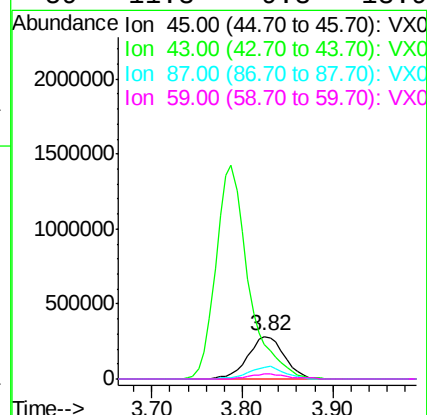
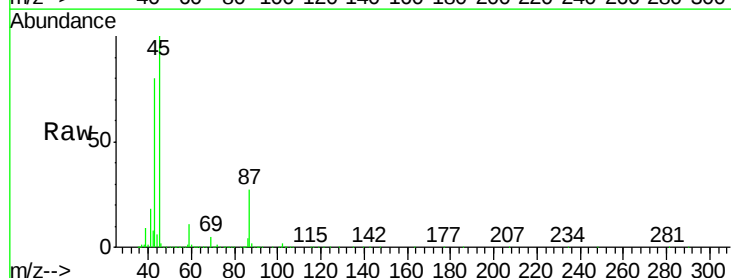
Ion Ratio Lower Upper

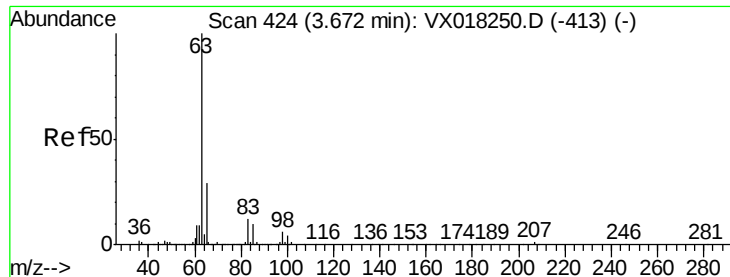
45 100

43 78.8 54.5 81.7

87 27.3 22.2 33.2

59 11.3 9.3 13.9





#21

1,1-Dichloroethane

Concen: 56.985 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

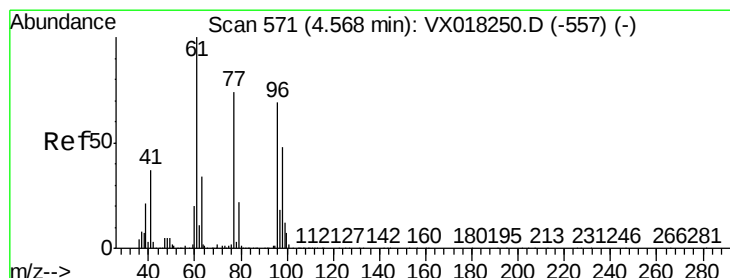
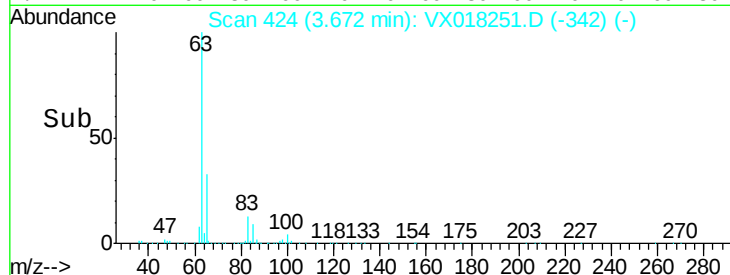
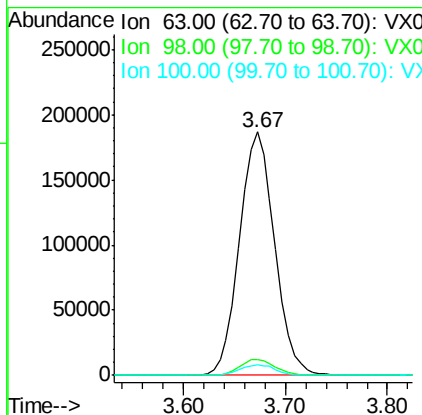
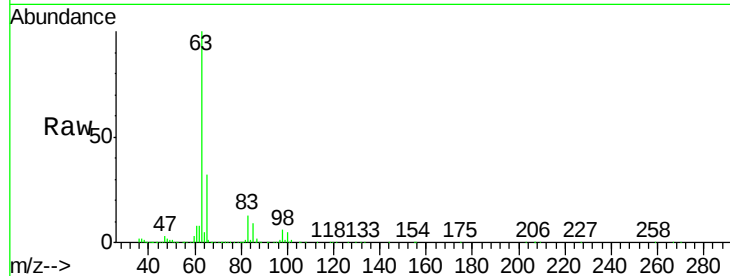
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:	63	Resp:	445227
Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.2	9.6
100	4.6	2.1	6.3



#22

cis-1,2-Dichloroethene

Concen: 55.561 ug/l

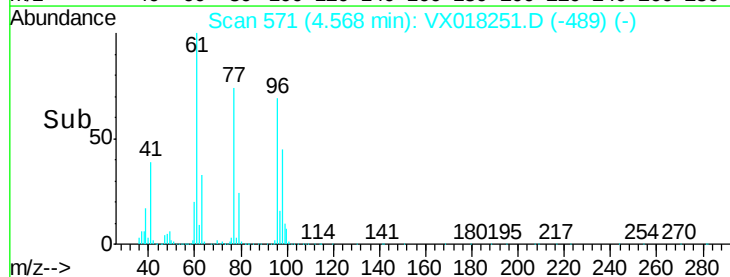
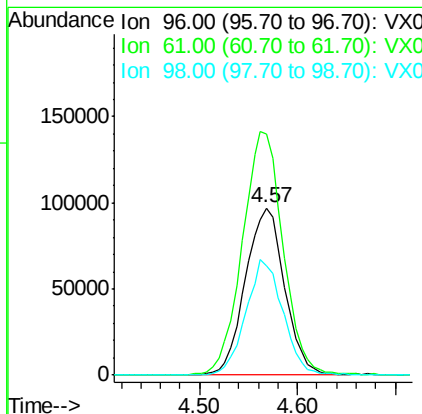
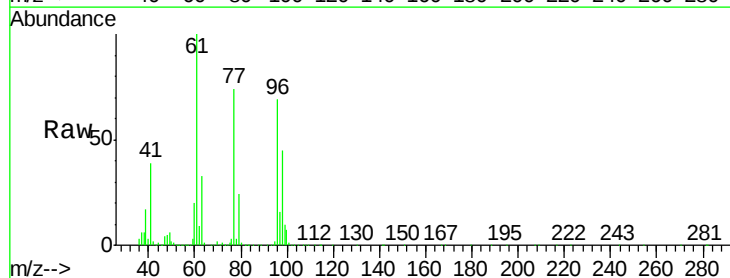
RT: 4.57 min Scan# 571

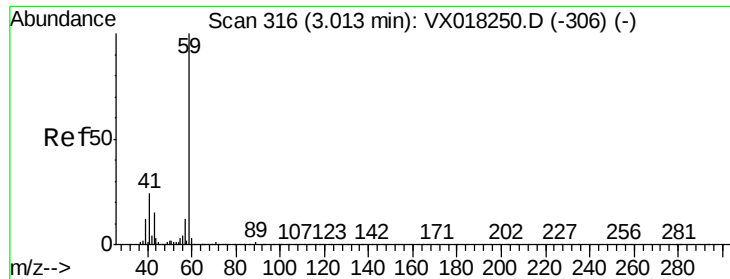
Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Tgt Ion:	96	Resp:	269619
Ion	Ratio	Lower	Upper
96	100		
61	150.9	116.2	174.4
98	65.3	52.5	78.7

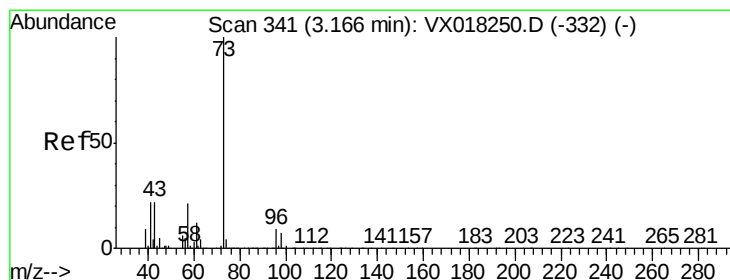
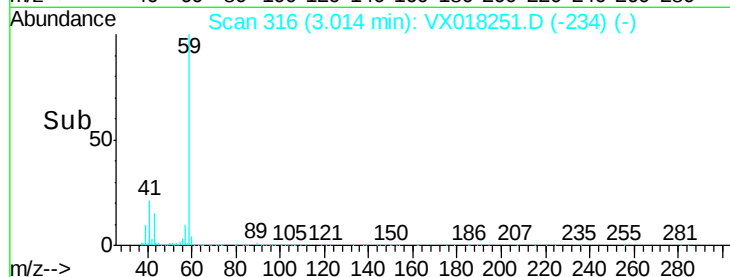
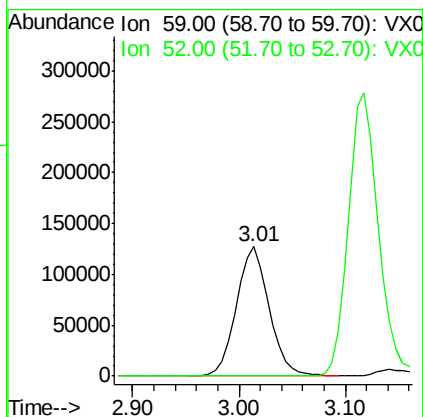
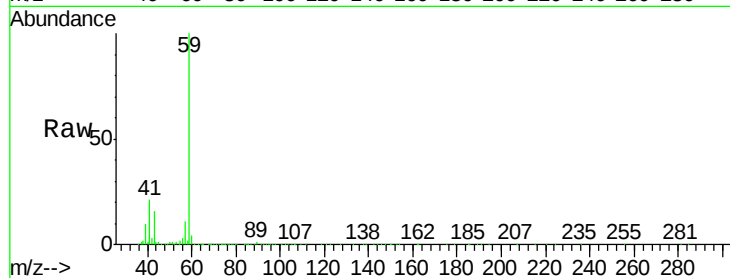




#23
tert-Butyl Alcohol
Concen: 256.276 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

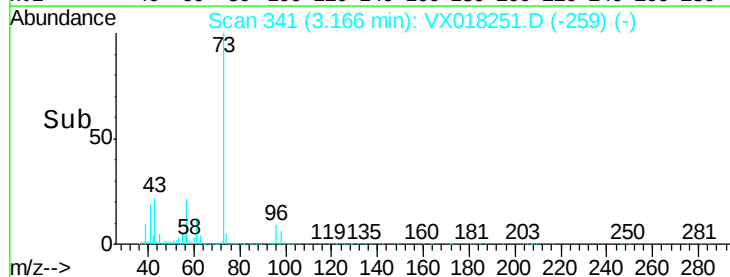
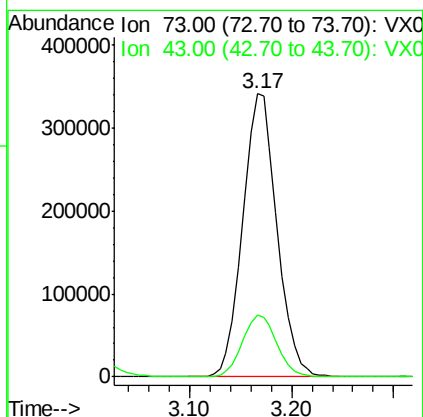
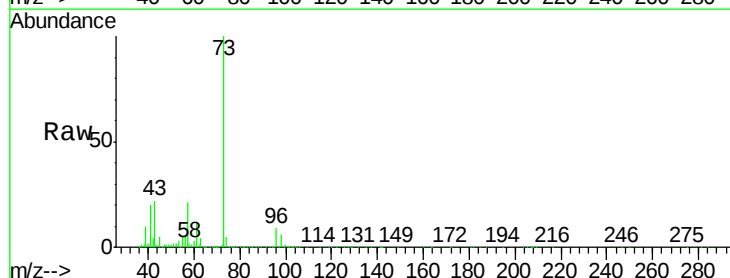
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

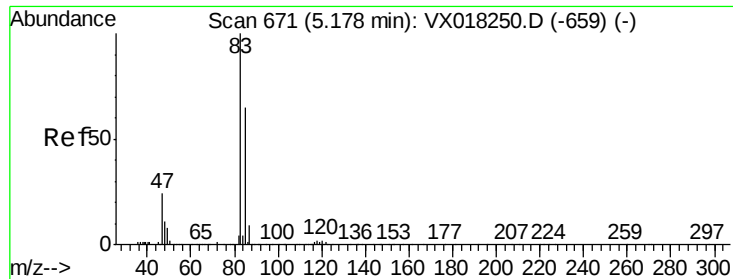
Tgt Ion: 59 Resp: 275354
Ion Ratio Lower Upper
59 100
52 0.4 0.4 0.6



#24
Methyl tert-Butyl Ether
Concen: 54.628 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion: 73 Resp: 795876
Ion Ratio Lower Upper
73 100
43 21.8 17.8 26.6





#25

Chloroform

Concen: 54.923 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

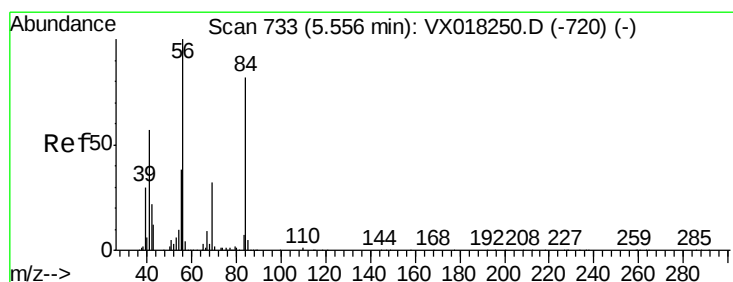
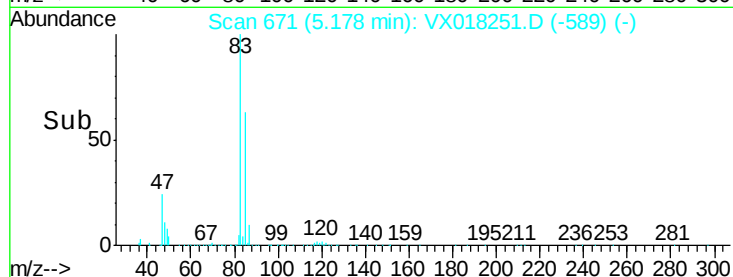
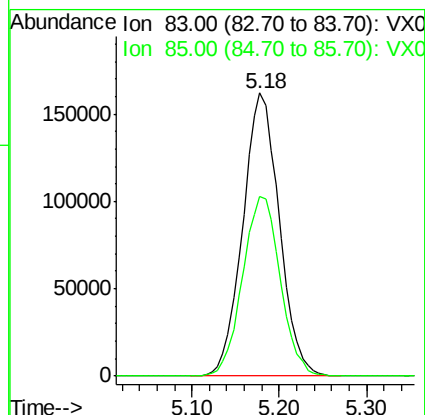
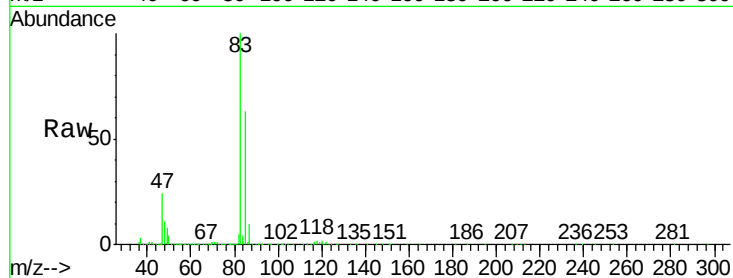
VSTDIC050

Tgt Ion: 83 Resp: 470718

Ion Ratio Lower Upper

83 100

85 63.2 51.6 77.4



#26

Cyclohexane

Concen: 54.359 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

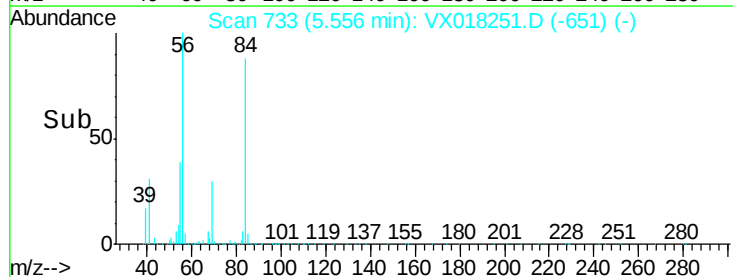
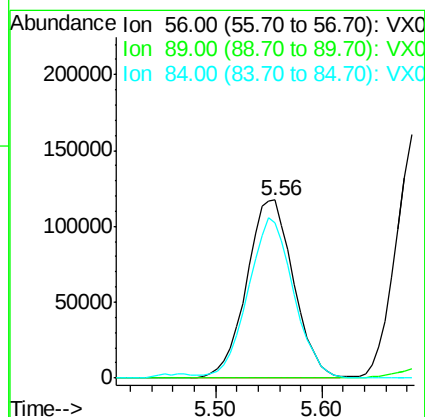
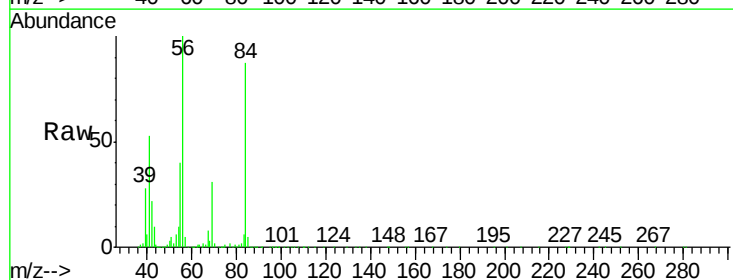
Tgt Ion: 56 Resp: 361580

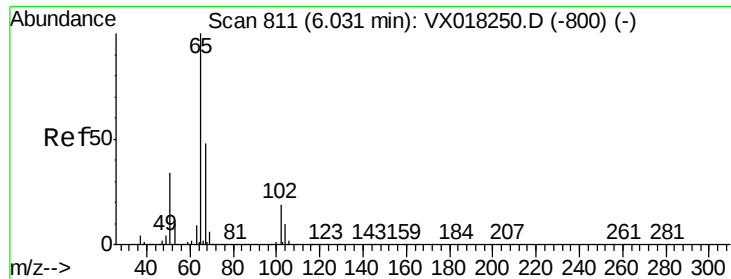
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 86.8 41.0 61.4#

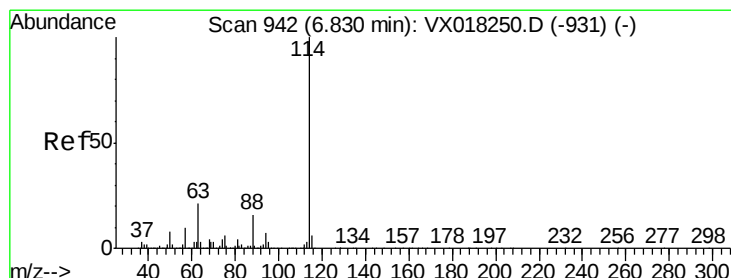
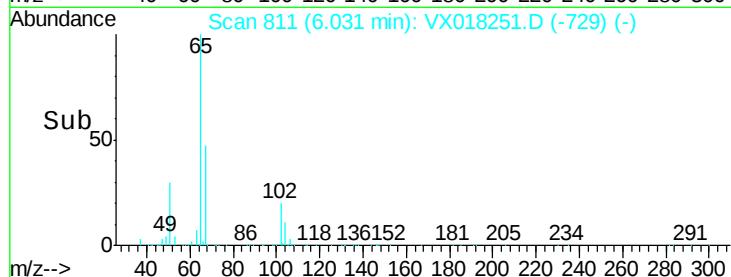
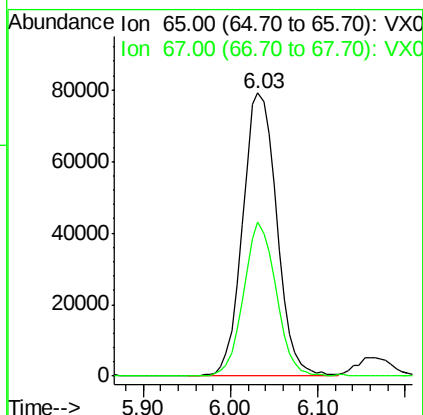
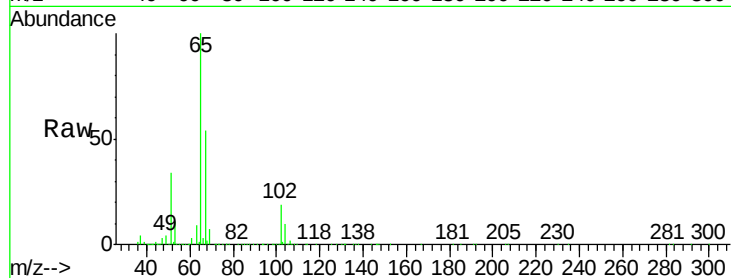




#27
 1,2-Dichloroethane-d4
 Concen: 29.886 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

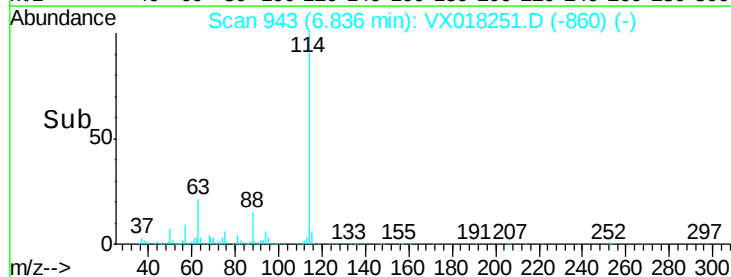
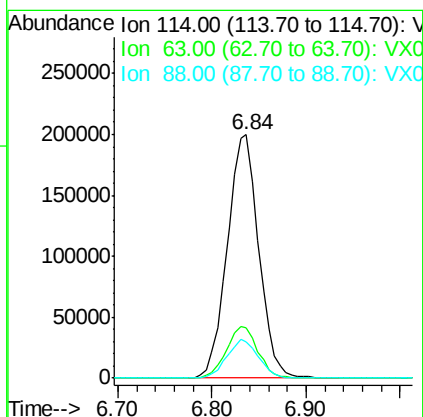
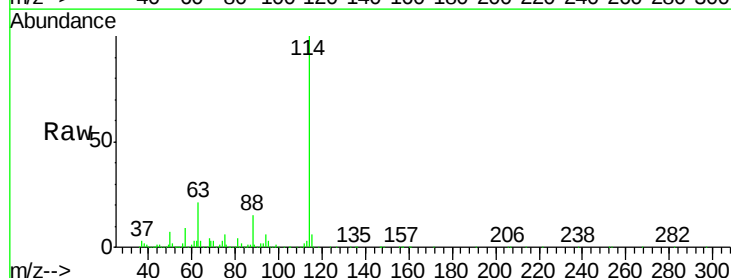
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

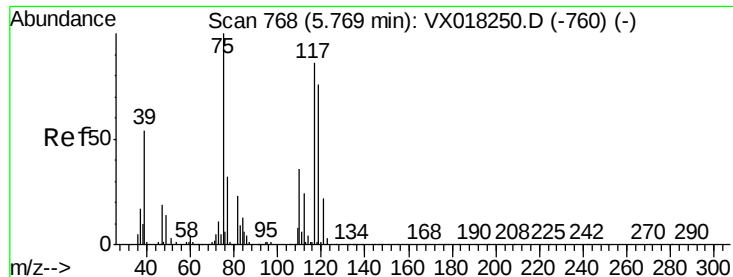
Tgt Ion: 65 Resp: 215295
 Ion Ratio Lower Upper
 65 100
 67 51.0 39.9 59.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Tgt Ion: 114 Resp: 463130
 Ion Ratio Lower Upper
 114 100
 63 21.1 16.7 25.1
 88 15.8 12.6 18.8





#29

1,1-Dichloropropene

Concen: 59.476 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

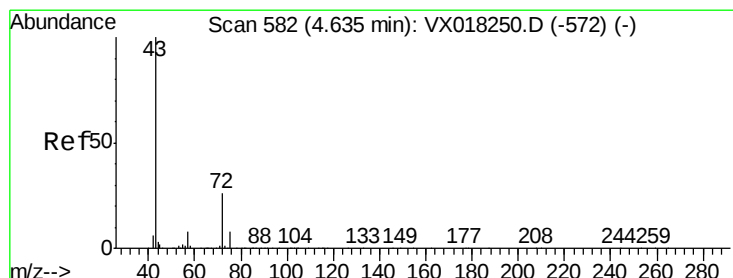
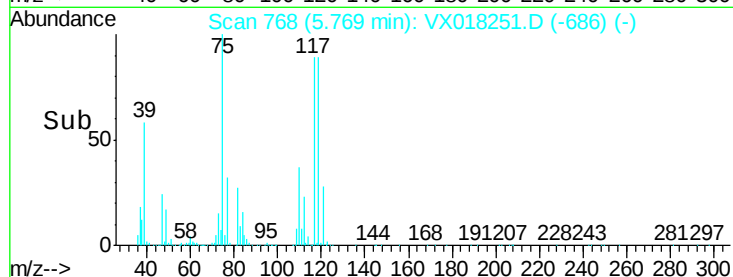
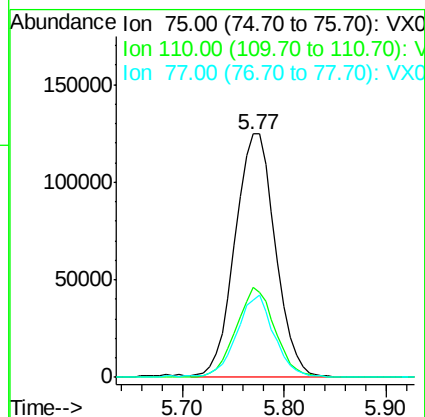
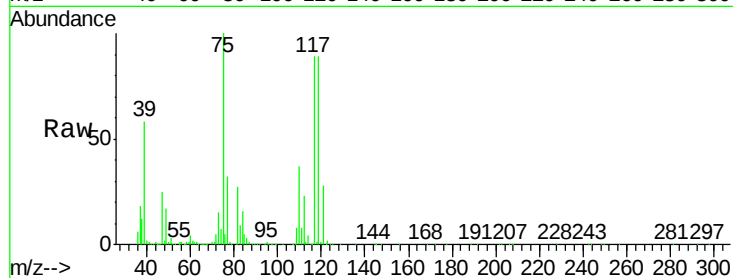
Tgt Ion: 75 Resp: 342848

Ion Ratio Lower Upper

75 100

110 35.6 0.0 72.2

77 31.0 0.0 61.0



#30

2-Butanone

Concen: 290.965 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

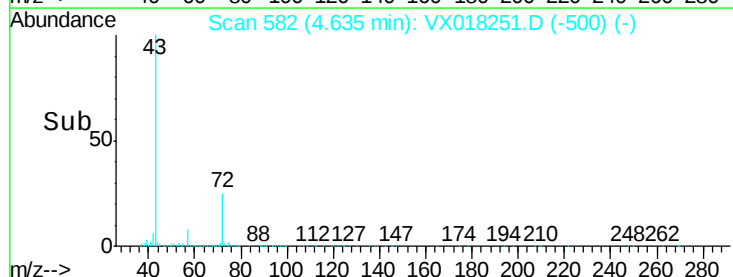
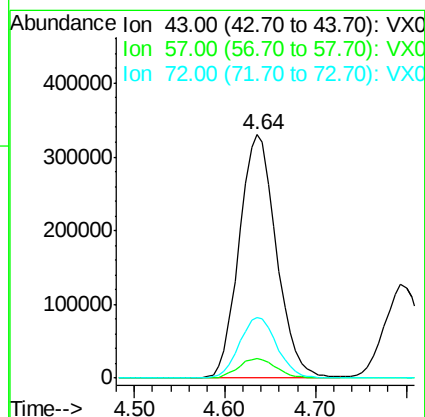
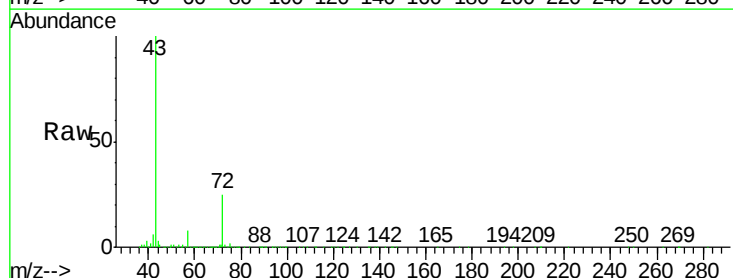
Tgt Ion: 43 Resp: 934958

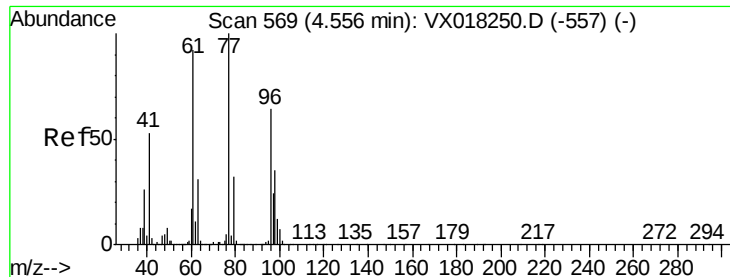
Ion Ratio Lower Upper

43 100

57 8.2 6.7 10.1

72 25.0 20.0 30.0





#31

2,2-Dichloropropane

Concen: 56.926 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

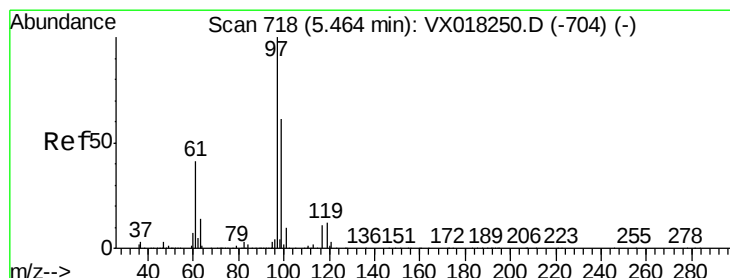
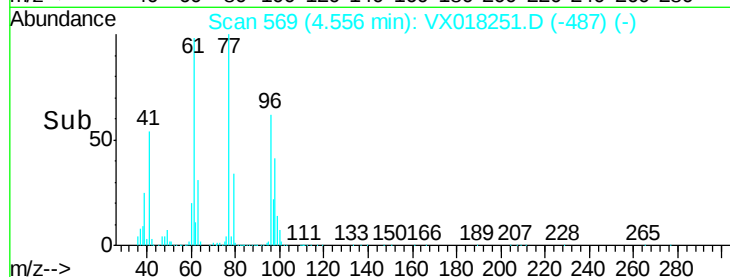
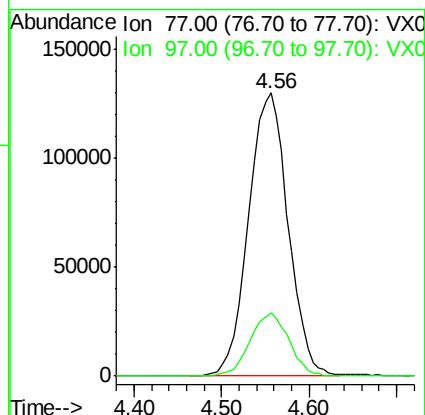
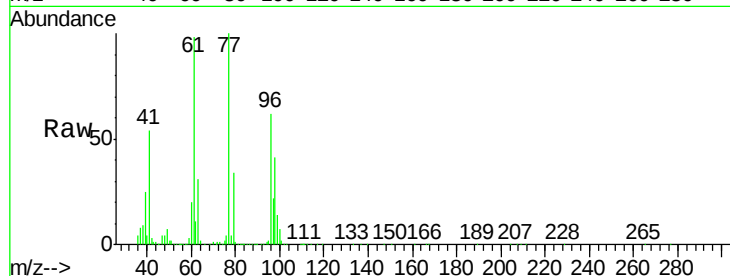
VSTDIC050

Tgt Ion: 77 Resp: 409954

Ion Ratio Lower Upper

77 100

97 21.9 18.1 27.1



#32

1,1,1-Trichloroethane

Concen: 57.532 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

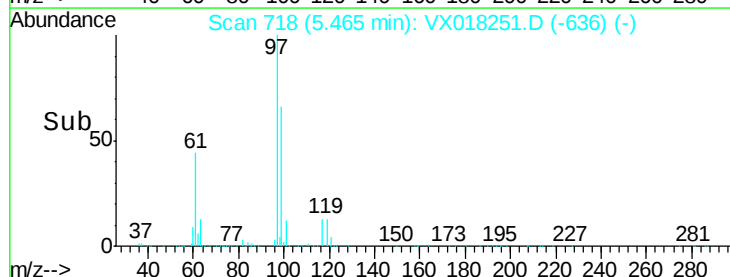
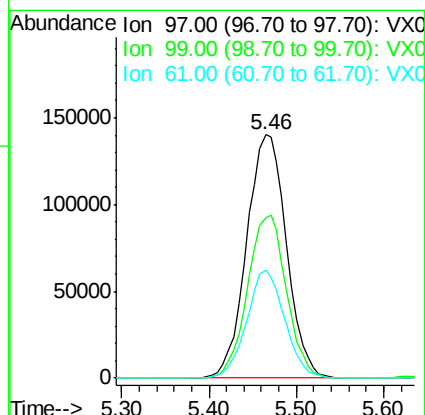
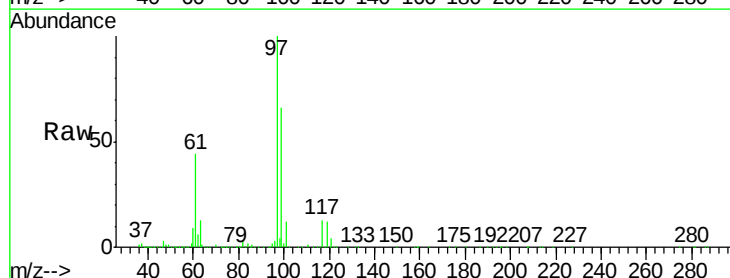
Tgt Ion: 97 Resp: 444468

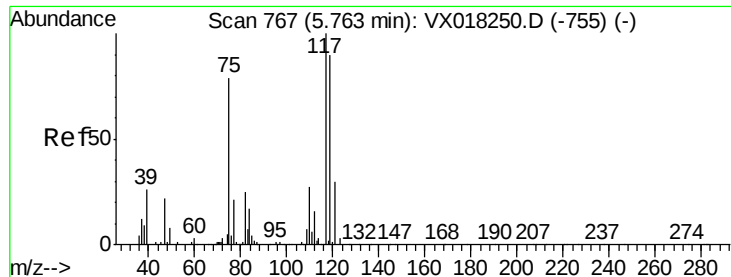
Ion Ratio Lower Upper

97 100

99 65.4 50.7 76.1

61 42.4 34.5 51.7





#33

Carbon Tetrachloride

Concen: 57.659 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

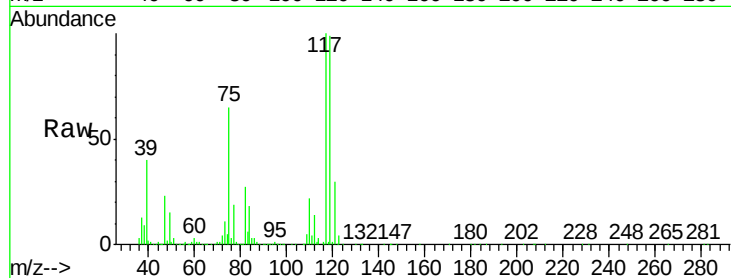
Tgt Ion: 117 Resp: 412194

Ion Ratio Lower Upper

117 100

119 98.6 72.3 108.5

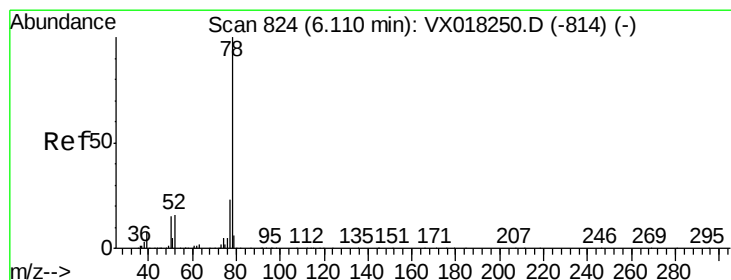
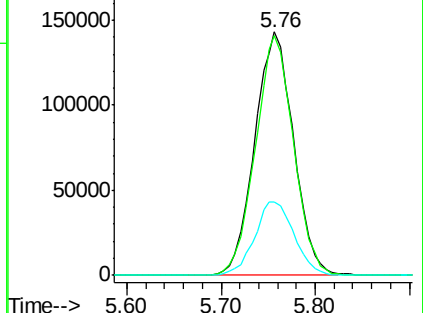
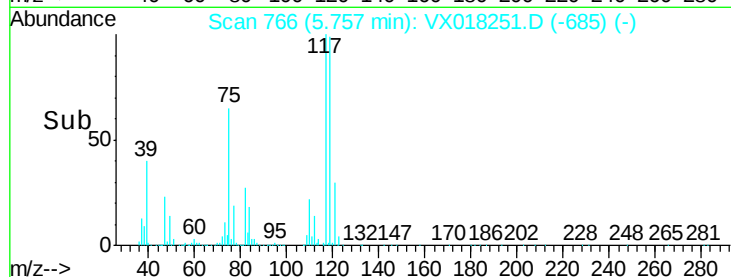
121 30.1 24.1 36.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 59.345 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

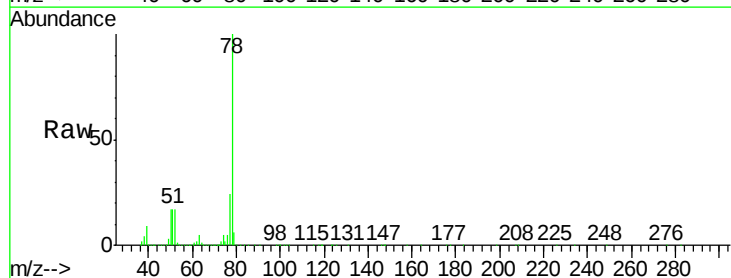
Tgt Ion: 78 Resp: 976509

Ion Ratio Lower Upper

78 100

77 23.9 18.3 27.5

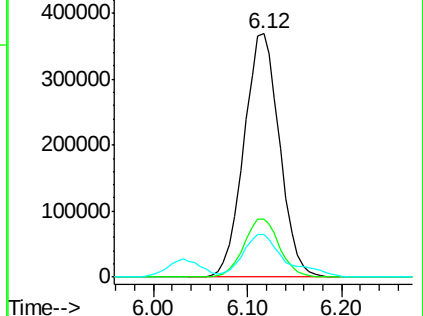
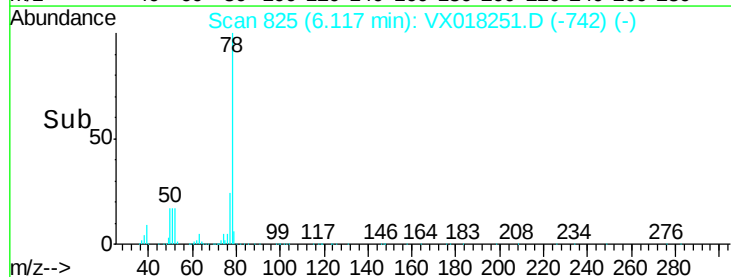
51 16.7 11.3 16.9

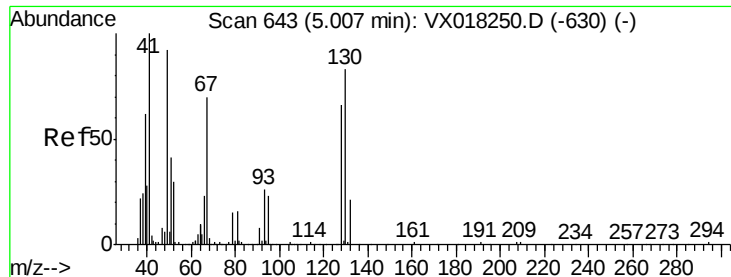


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

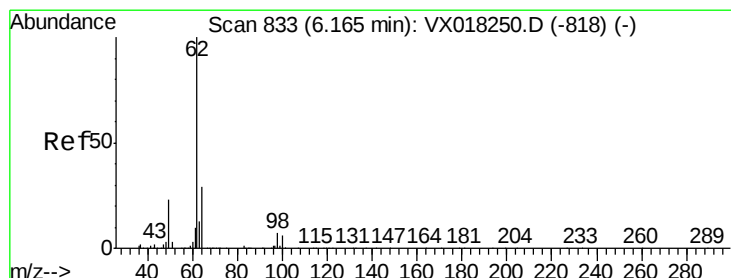
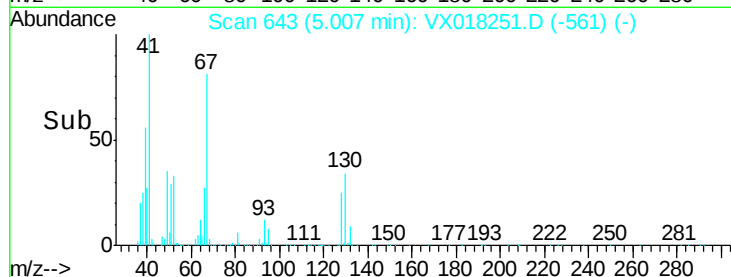
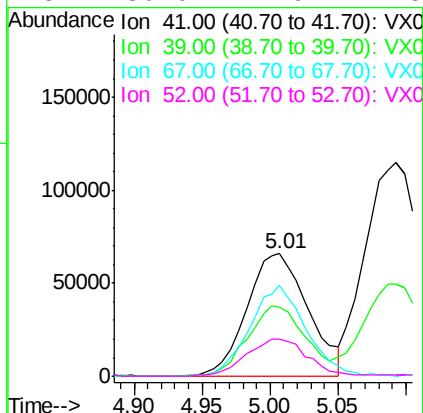
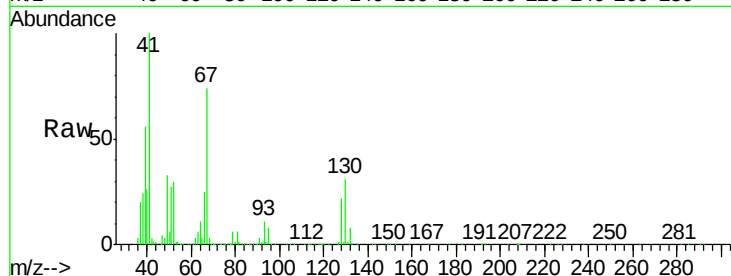




#35
Methacrylonitrile
Concen: 59.127 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

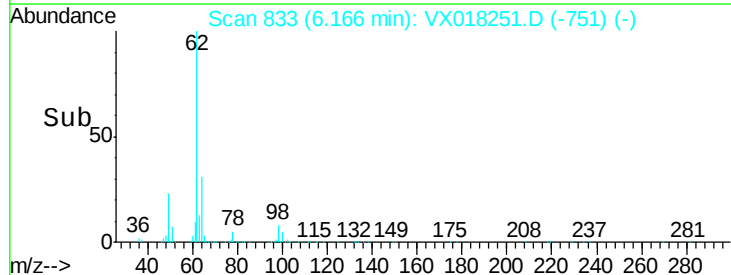
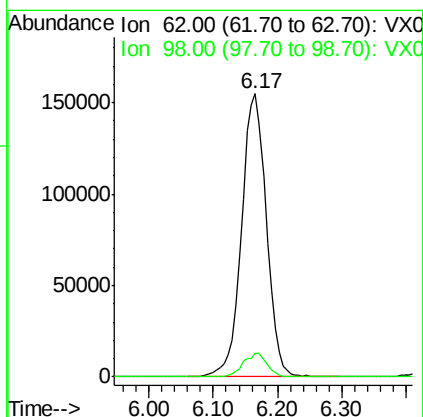
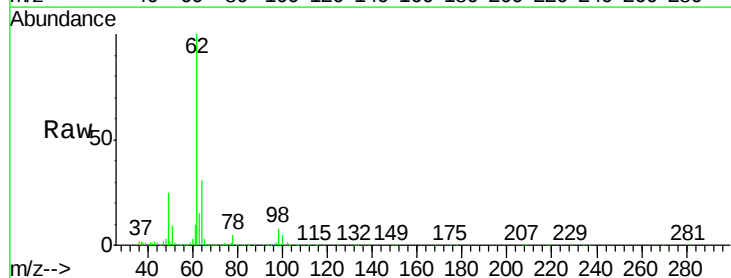
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

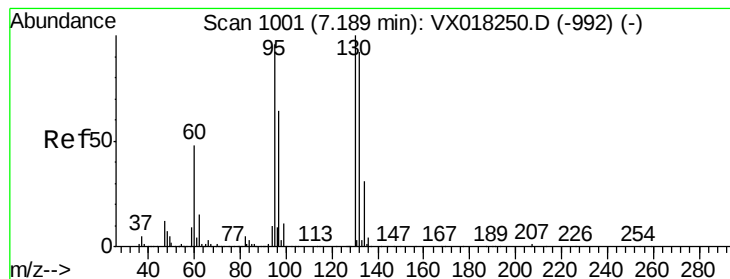
Tgt Ion:	41	Resp:	205431
Ion	Ratio	Lower	Upper
41	100		
39	55.2	31.3	93.9
67	73.5	35.4	106.2
52	30.0	14.9	44.5



#36
1,2-Dichloroethane
Concen: 59.437 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion:	62	Resp:	409946
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	0.0#





#37

Trichloroethene

Concen: 57.184 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampled :

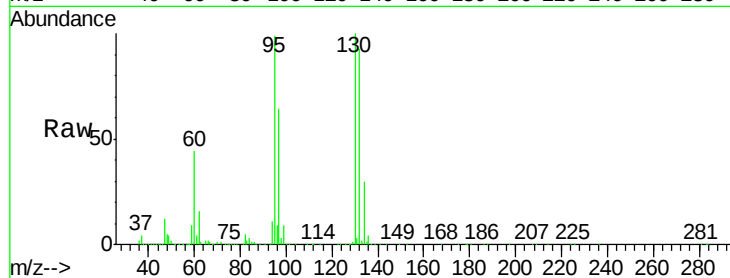
VSTDIC050

Tgt Ion:130 Resp: 274538

Ion Ratio Lower Upper

130 100

95 98.9 76.9 115.3



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

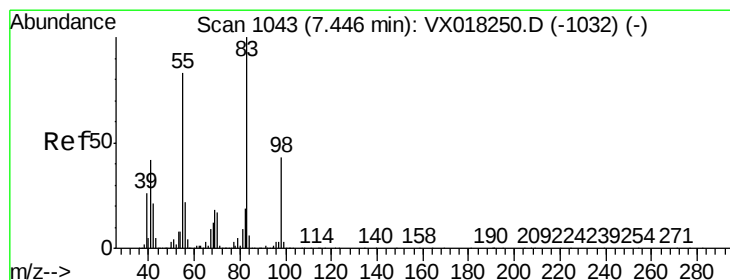
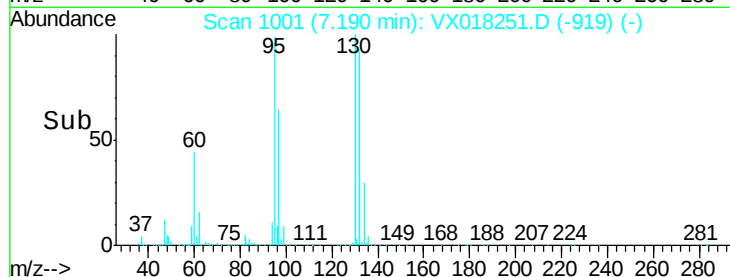
150000

100000

50000

0

Time--> 7.10 7.15 7.20 7.25



#38

Methylcyclohexane

Concen: 55.467 ug/l

RT: 7.45 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

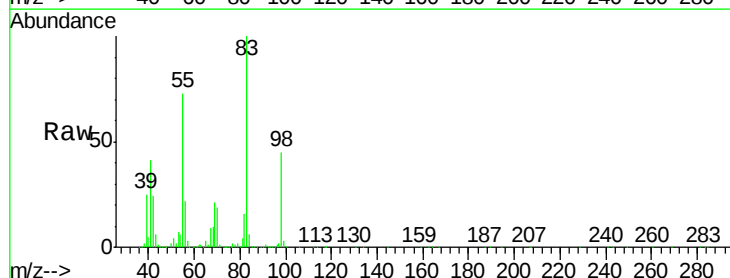
Tgt Ion: 83 Resp: 371516

Ion Ratio Lower Upper

83 100

55 77.6 41.1 123.4

98 46.6 24.0 72.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.45

200000

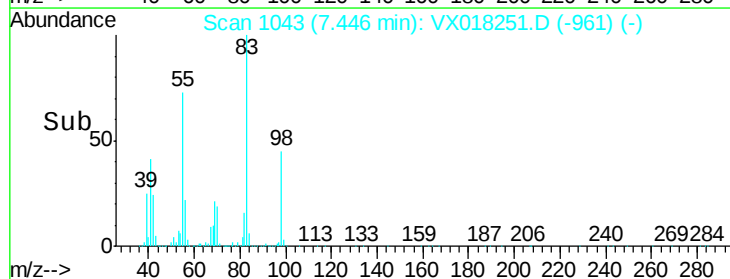
150000

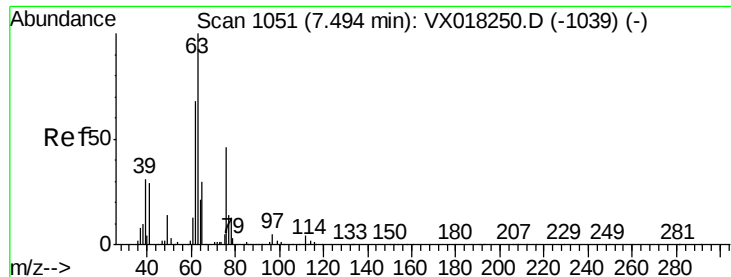
100000

50000

0

Time--> 7.30 7.40 7.50

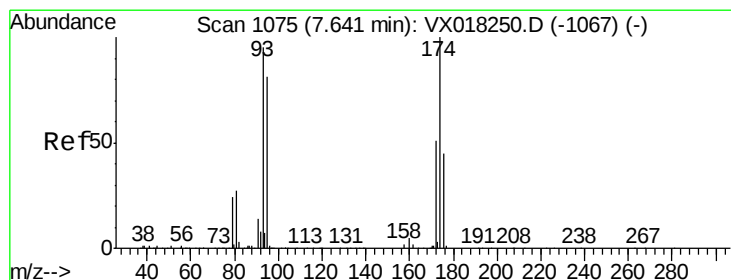
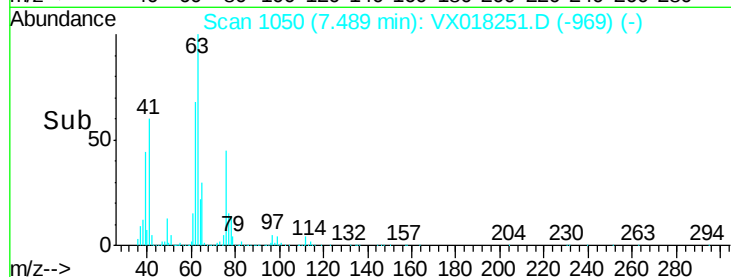
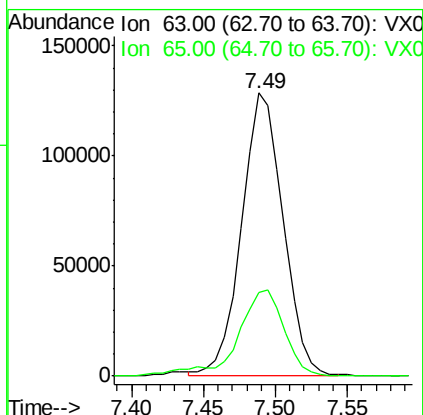
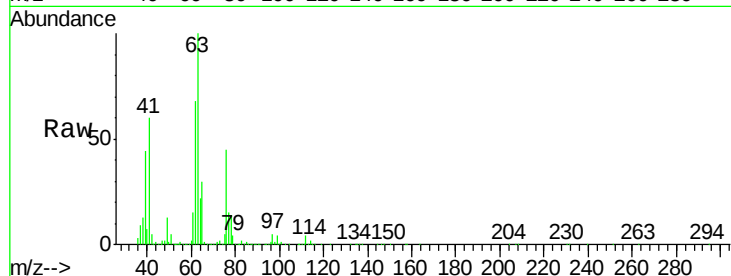




#39
 1,2-Dichloropropane
 Concen: 57.836 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

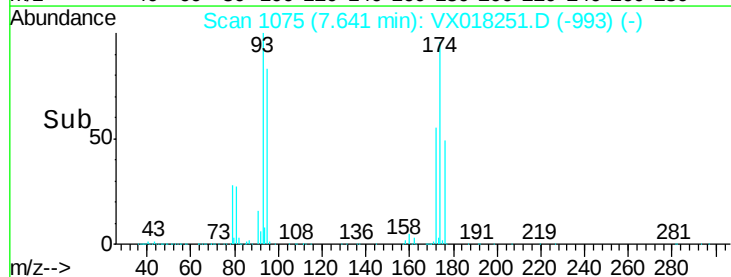
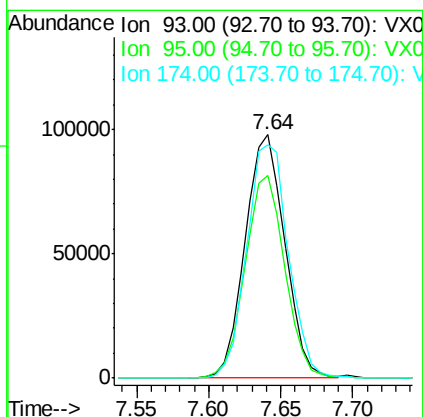
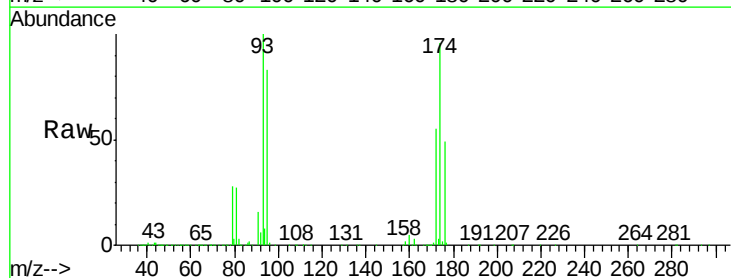
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

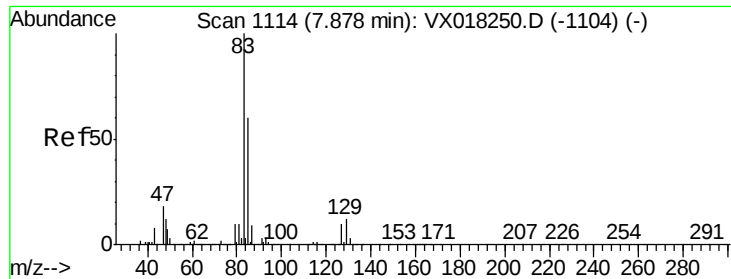
Tgt Ion: 63 Resp: 257427
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.7 38.5



#40
 Dibromomethane
 Concen: 58.857 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Tgt Ion: 93 Resp: 187052
 Ion Ratio Lower Upper
 93 100
 95 83.0 0.0 167.0
 174 100.8 0.0 202.0





#41

Bromodichloromethane

Concen: 56.823 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

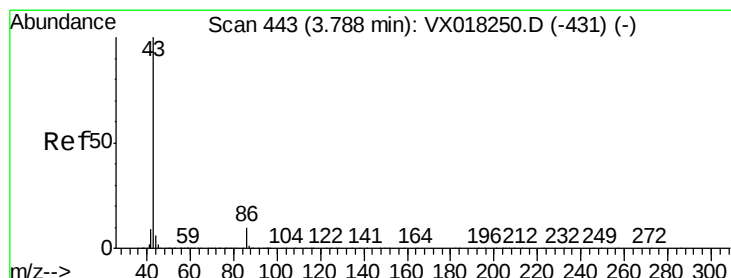
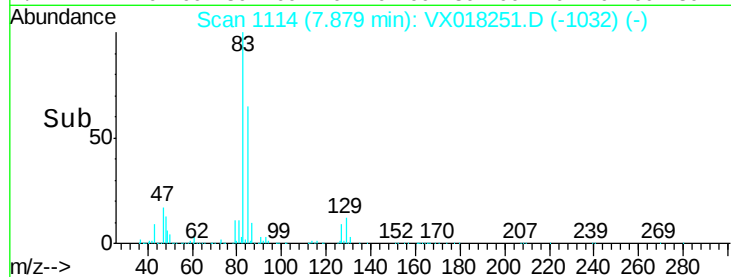
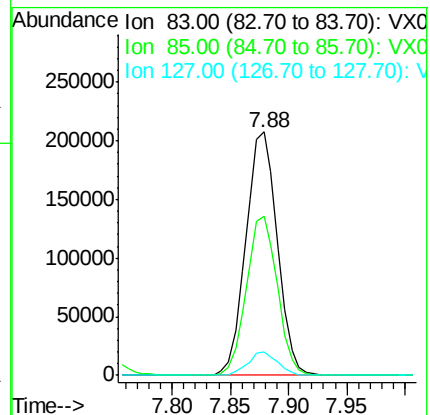
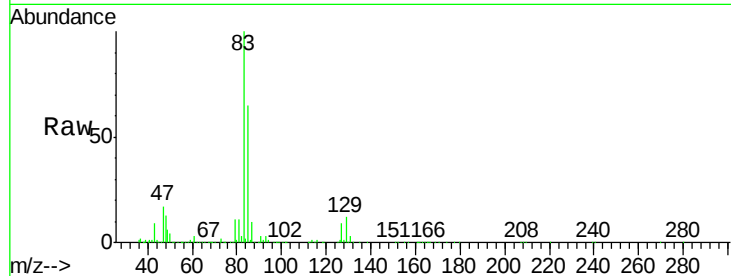
Tgt Ion: 83 Resp: 390796

Ion Ratio Lower Upper

83 100

85 65.1 48.2 72.2

127 9.4 8.0 12.0



#42

Vinyl Acetate

Concen: 322.458 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018251.D

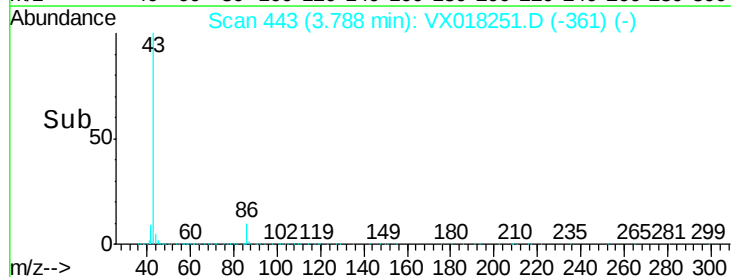
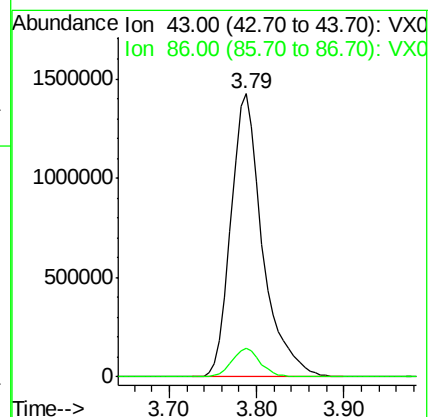
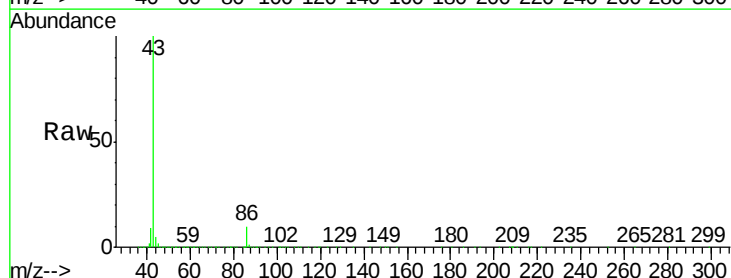
Acq: 04 Sep 2020 11:03

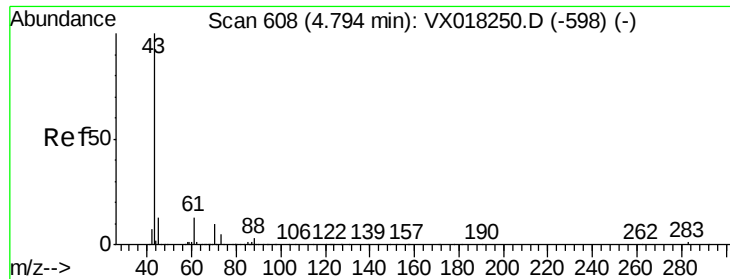
Tgt Ion: 43 Resp: 3582422

Ion Ratio Lower Upper

43 100

86 9.1 7.2 10.8

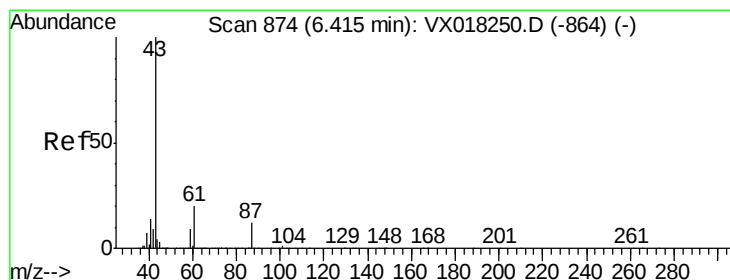
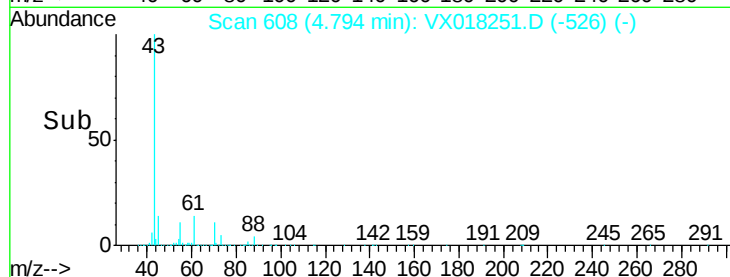
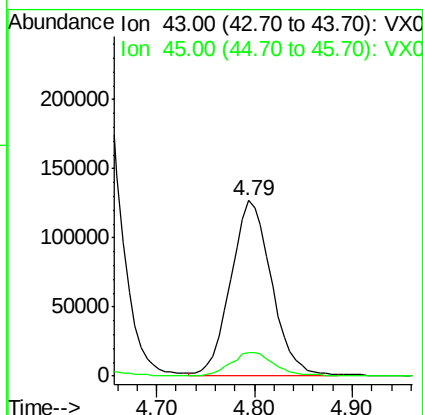
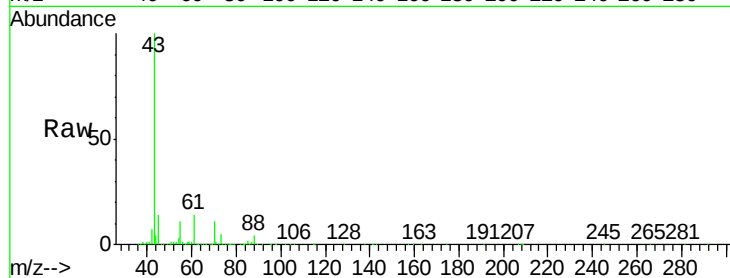




#43
Ethyl Acetate
Concen: 59.873 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

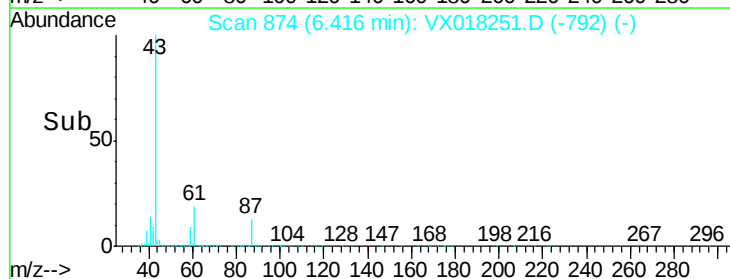
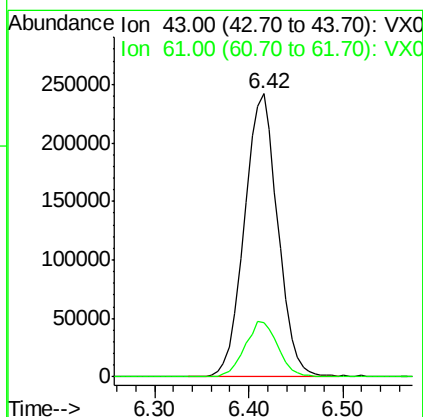
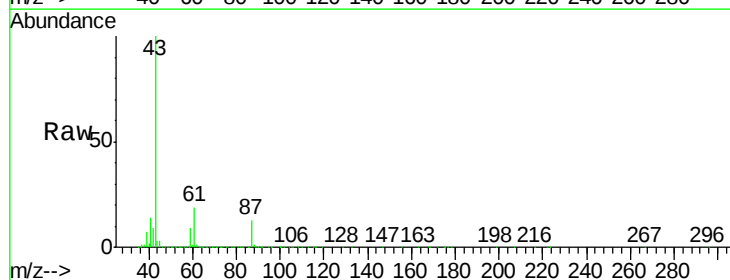
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

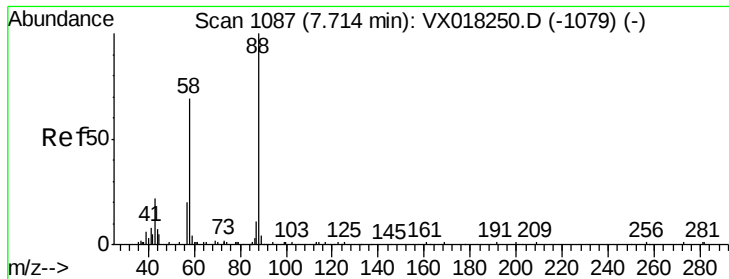
Tgt Ion: 43 Resp: 368446
Ion Ratio Lower Upper
43 100
45 14.6 11.2 16.8



#44
Isopropyl Acetate
Concen: 57.203 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion: 43 Resp: 599693
Ion Ratio Lower Upper
43 100
61 19.4 14.6 22.0

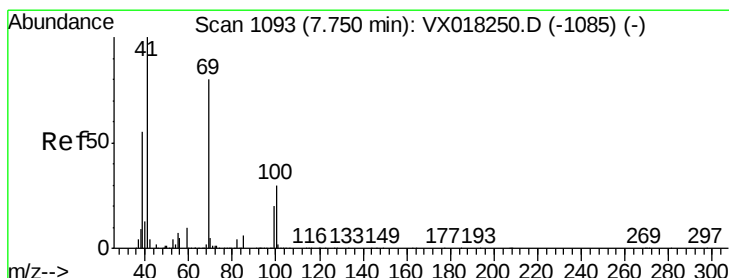
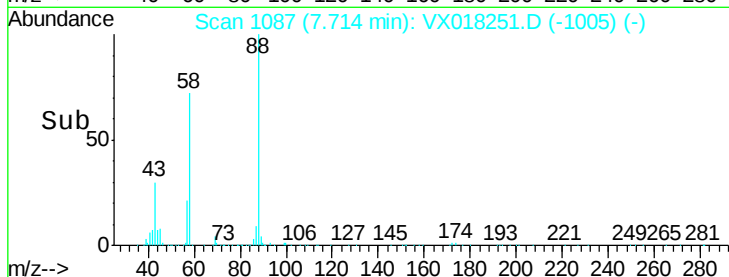
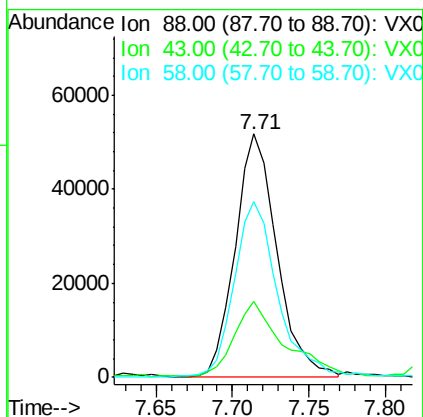
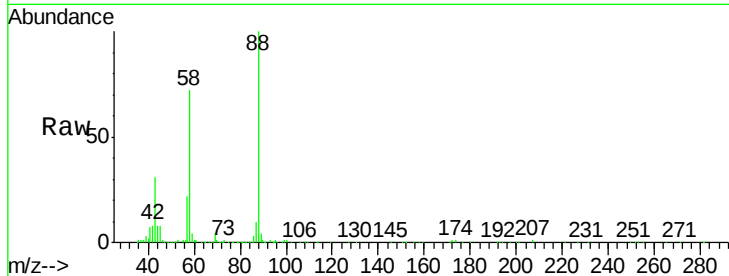




#45
 1,4-Dioxane
 Concen: 1006.680 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

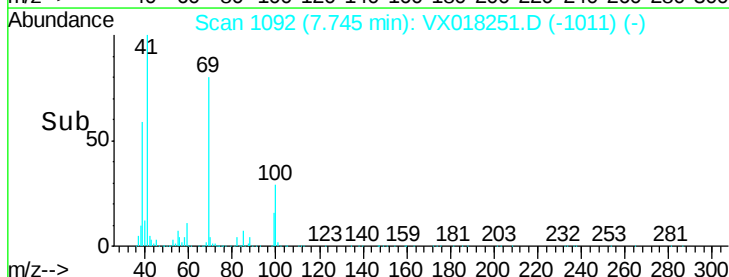
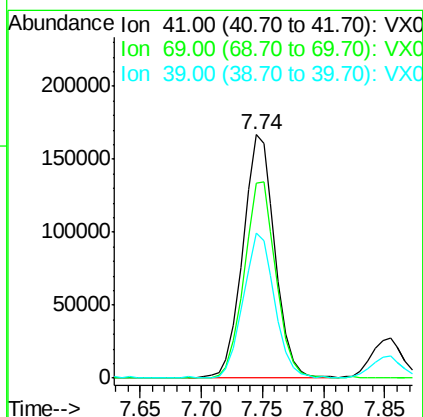
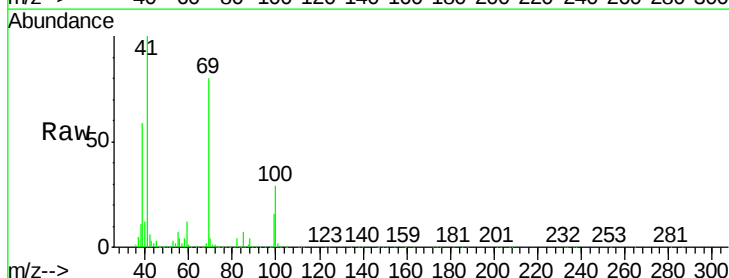
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

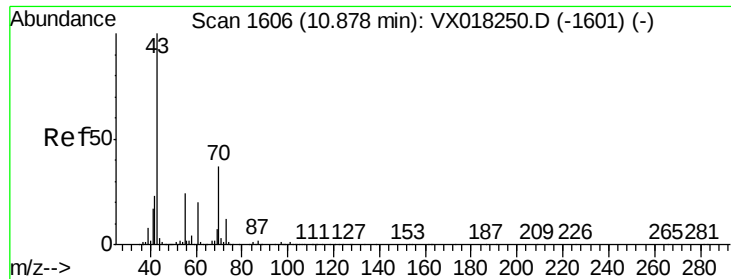
Tgt Ion: 88 Resp: 98087
 Ion Ratio Lower Upper
 88 100
 43 36.3 13.6 20.4#
 58 74.1 58.2 87.4



#46
 Methyl methacrylate
 Concen: 58.727 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Tgt Ion: 41 Resp: 300351
 Ion Ratio Lower Upper
 41 100
 69 79.8 40.3 120.8
 39 59.2 27.3 81.9

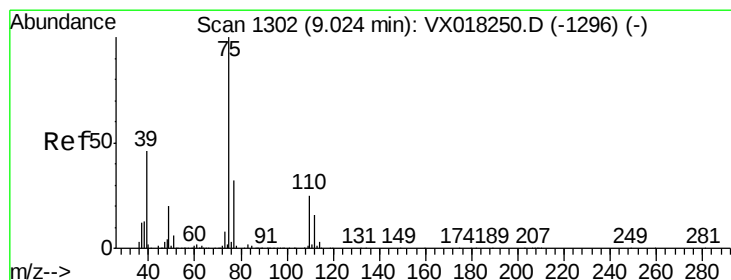
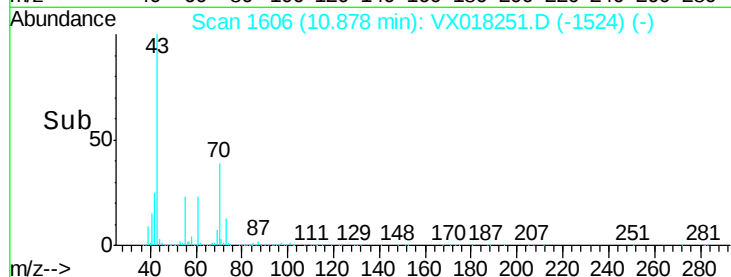
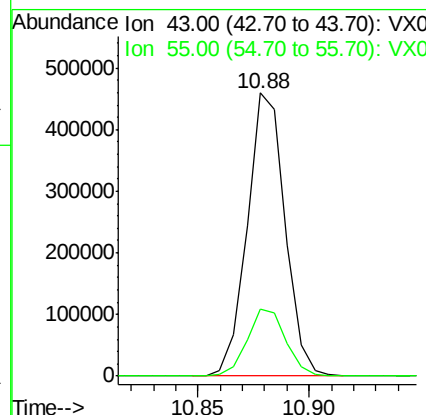
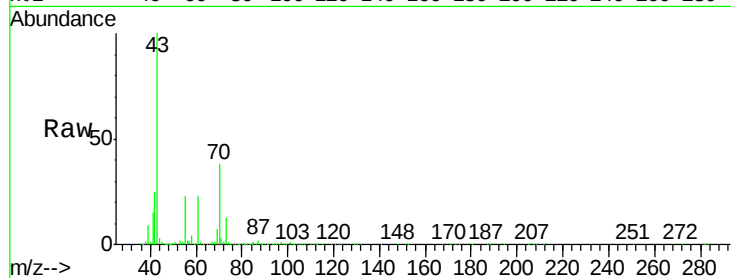




#47
n-amyl Acetate
Concen: 62.547 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

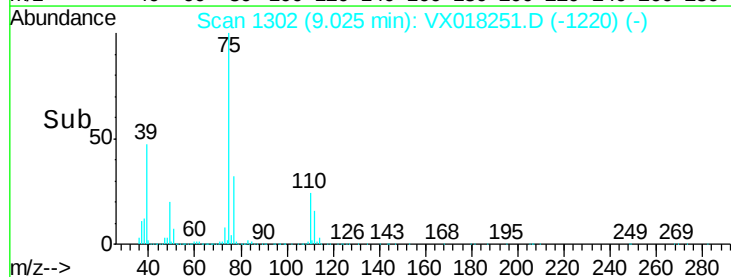
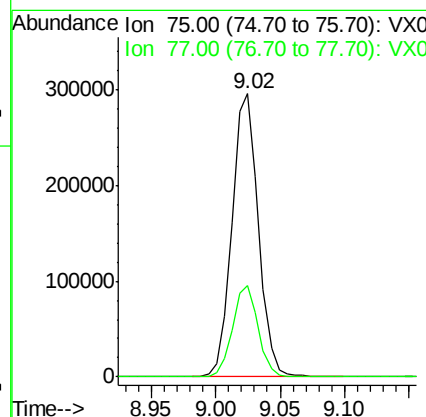
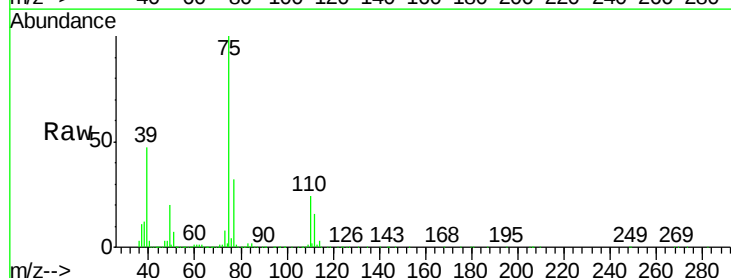
Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

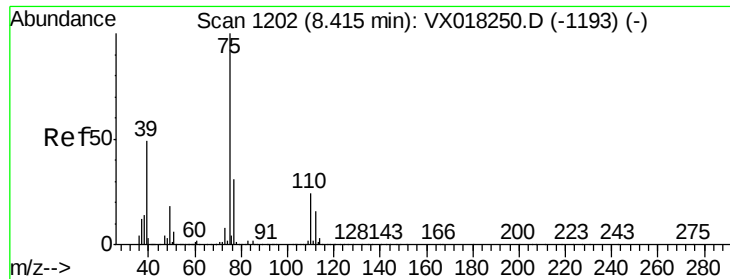
Tgt Ion: 43 Resp: 543919
Ion Ratio Lower Upper
43 100
55 23.9 18.9 28.3



#48
t-1,3-Dichloropropene
Concen: 57.535 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion: 75 Resp: 424124
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2



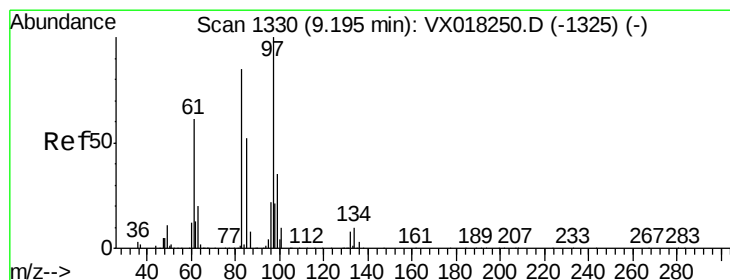
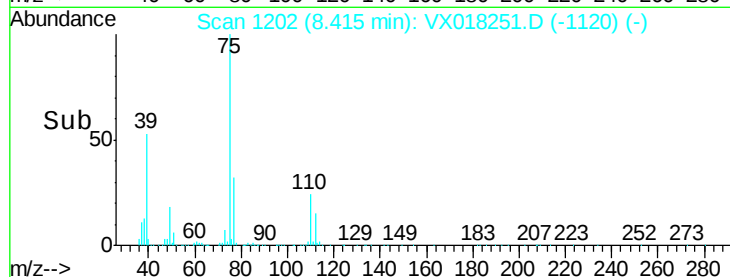
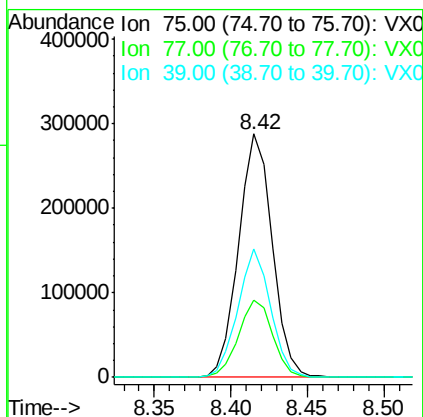
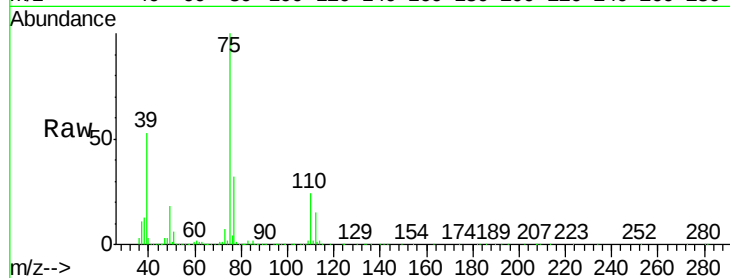


#49

cis-1,3-Dichloropropene
 Concen: 55.383 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

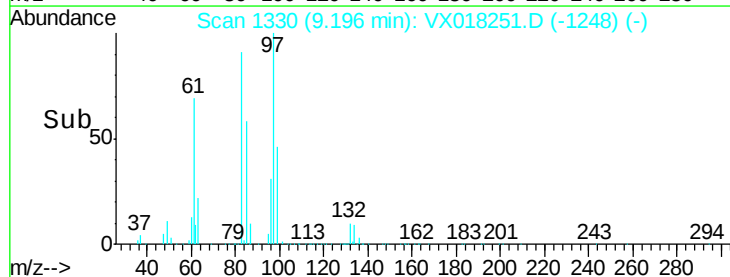
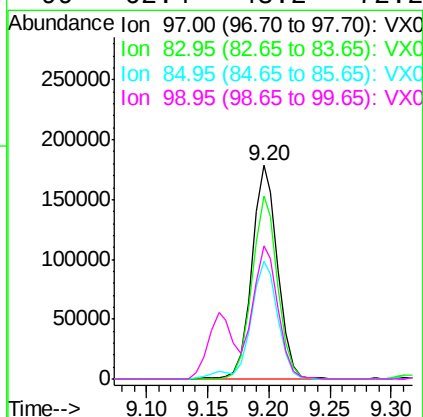
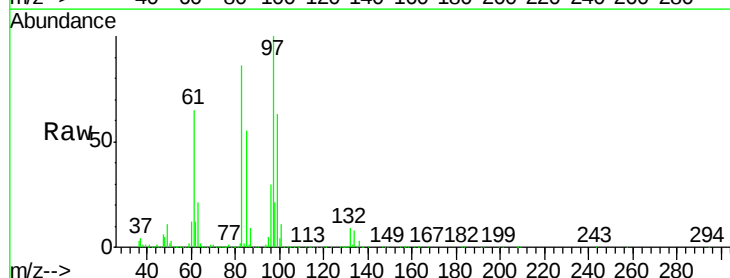
Tgt Ion:	75	Resp:	440348
Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.7	37.1
39	52.8	39.6	59.4

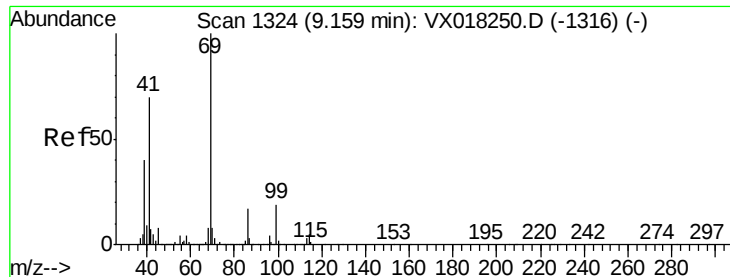


#50

1,1,2-Trichloroethane
 Concen: 58.625 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Tgt Ion:	97	Resp:	261143
Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.1	102.1
85	54.9	42.6	64.0
99	62.4	48.2	72.2





#51

Ethyl methacrylate

Concen: 58.717 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

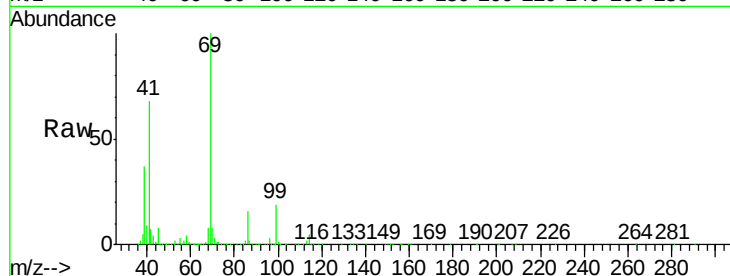
Tgt Ion: 69 Resp: 383794

Ion Ratio Lower Upper

69 100

41 67.9 34.9 104.7

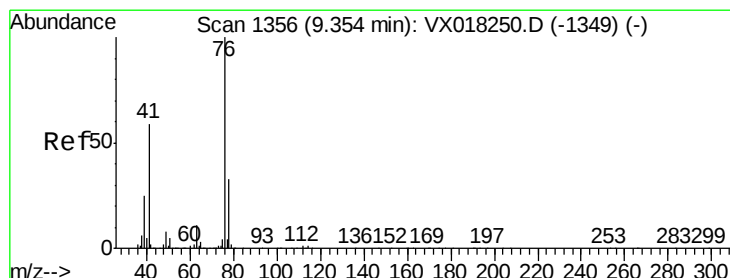
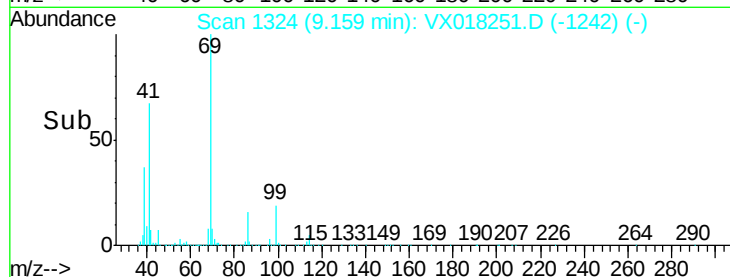
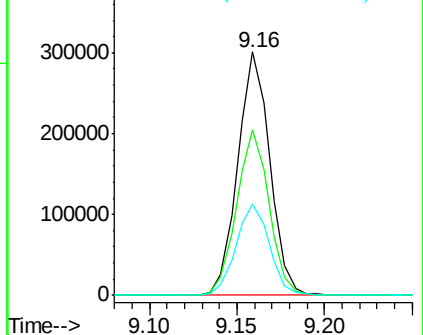
39 37.3 19.8 59.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 58.922 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018251.D

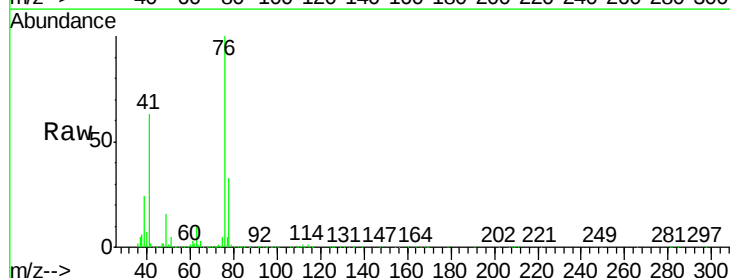
Acq: 04 Sep 2020 11:03

Tgt Ion: 76 Resp: 433787

Ion Ratio Lower Upper

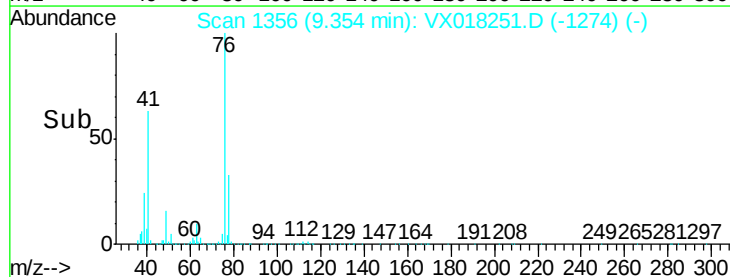
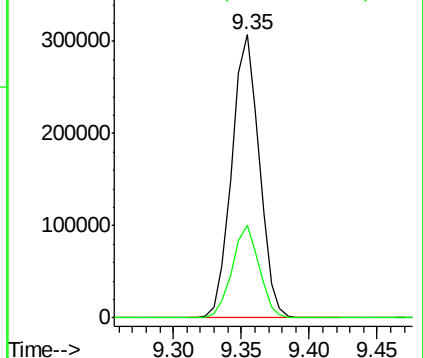
76 100

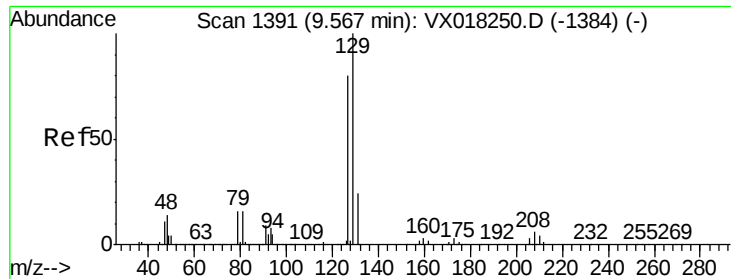
78 32.4 0.0 62.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 57.849 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

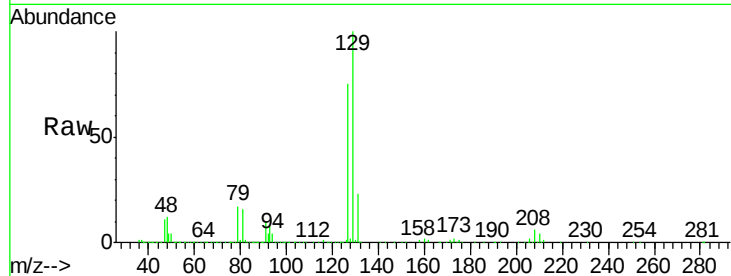
VSTDIC050

Tgt Ion:129 Resp: 329361

Ion Ratio Lower Upper

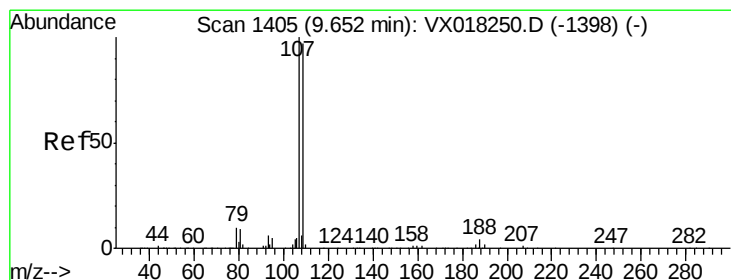
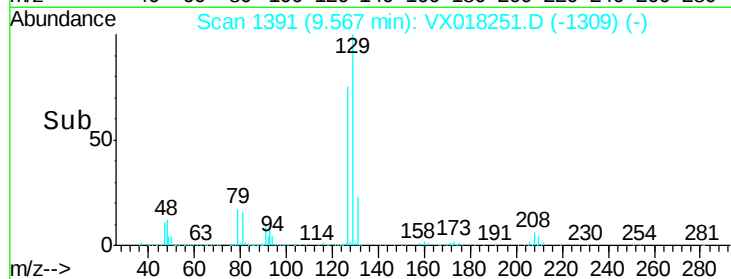
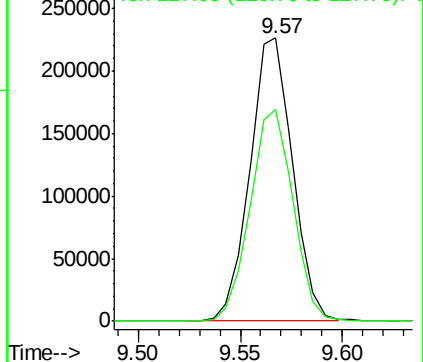
129 100

127 75.3 38.9 116.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 58.837 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018251.D

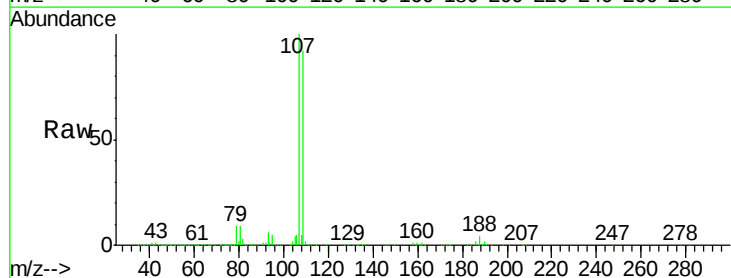
Acq: 04 Sep 2020 11:03

Tgt Ion:107 Resp: 289119

Ion Ratio Lower Upper

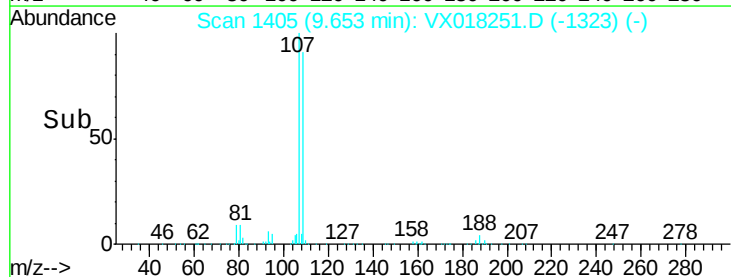
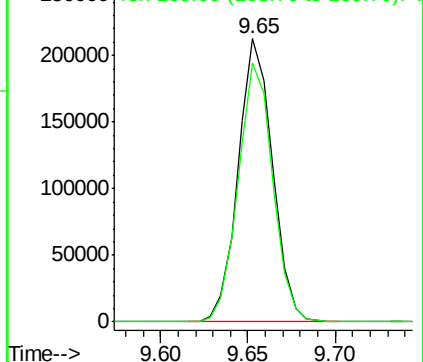
107 100

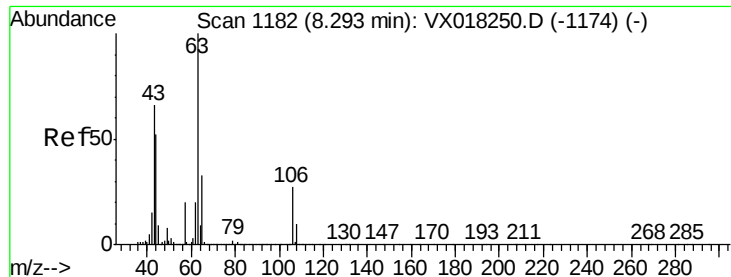
109 92.7 77.8 116.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

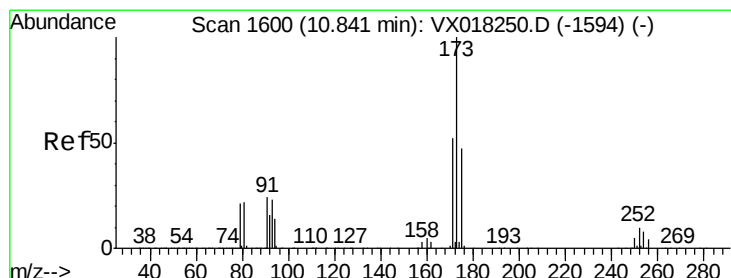
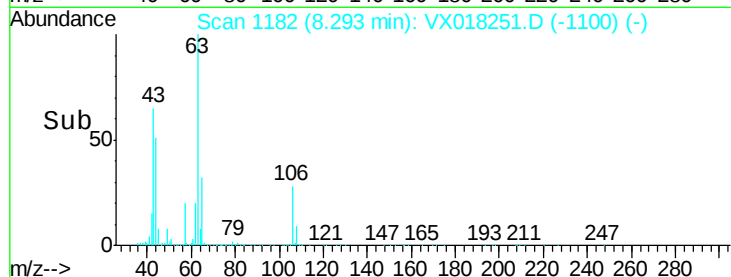
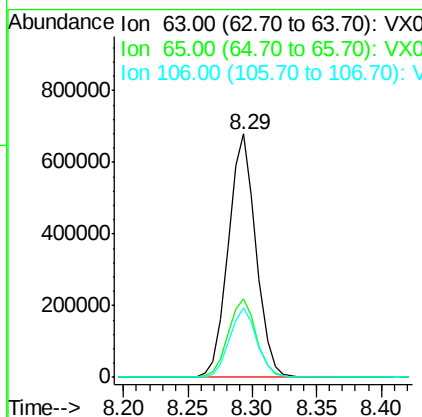
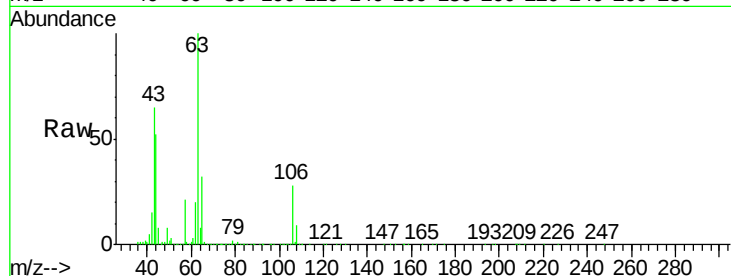




#55
 2-Chloroethyl vinyl ether
 Concen: 287.678 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

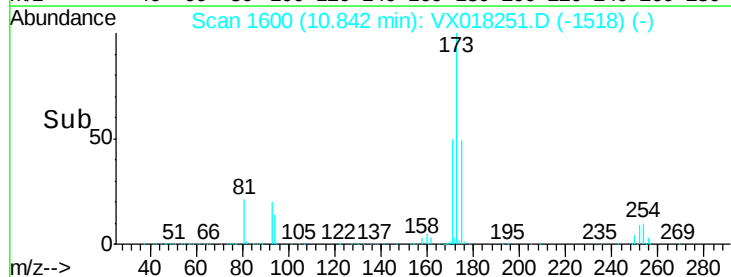
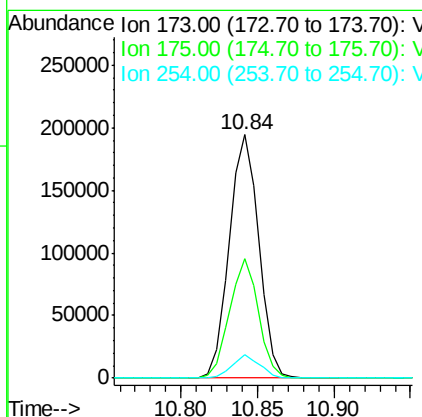
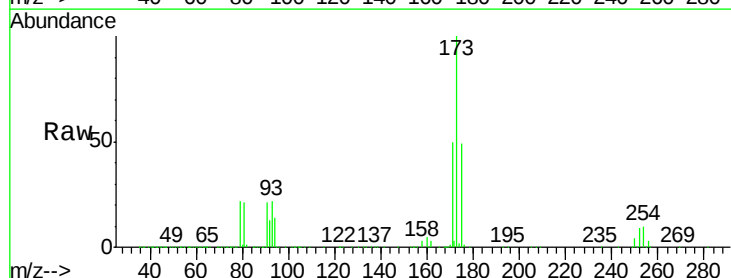
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

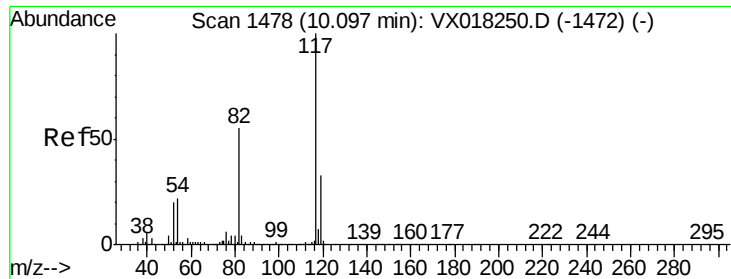
Tgt Ion: 63 Resp: 1017720
 Ion Ratio Lower Upper
 63 100
 65 32.8 26.0 39.0
 106 28.4 22.3 33.5



#56
 Bromoform
 Concen: 61.269 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Tgt Ion: 173 Resp: 258755
 Ion Ratio Lower Upper
 173 100
 175 47.9 40.2 60.2
 254 8.9 7.3 10.9

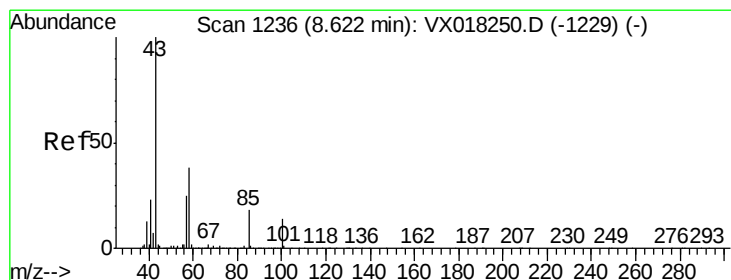
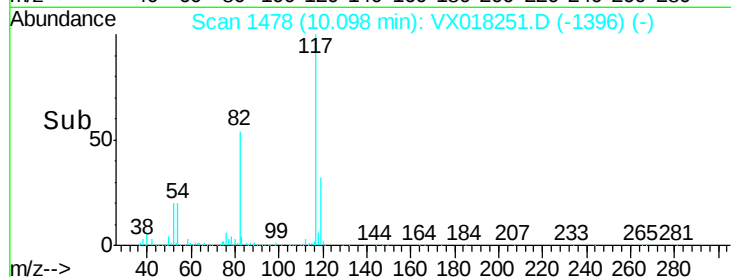
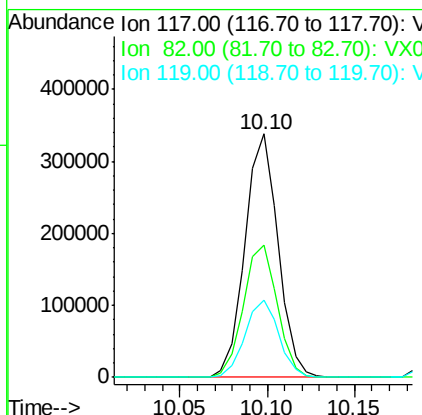
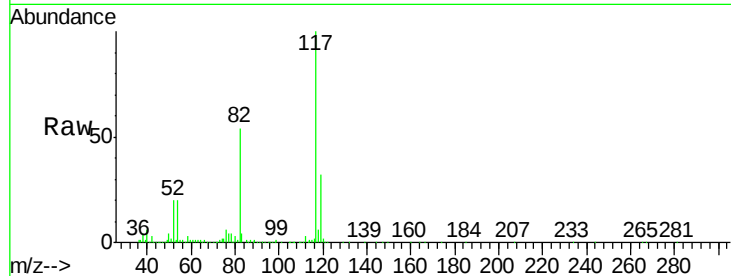




#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.10 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

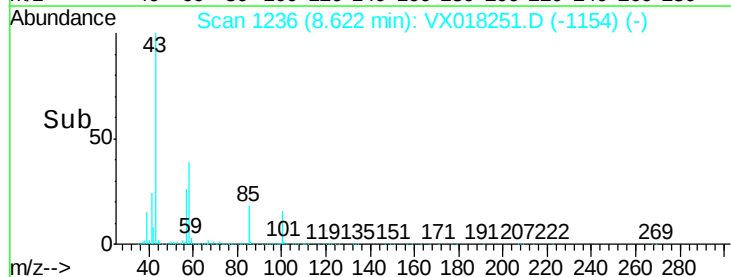
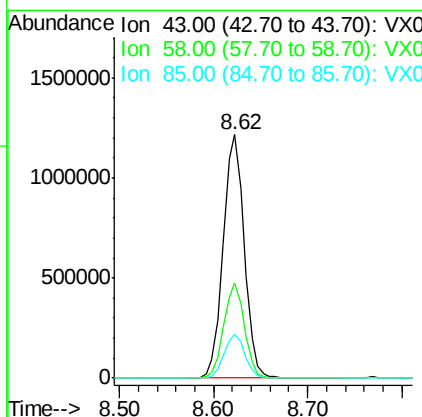
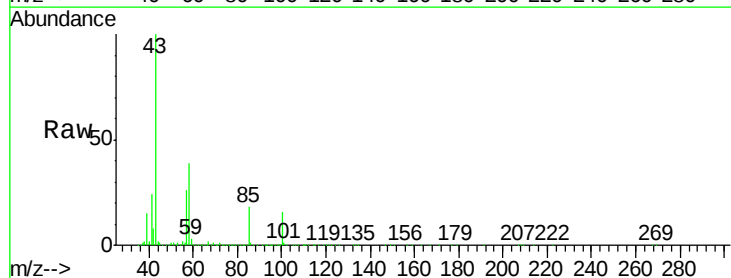
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

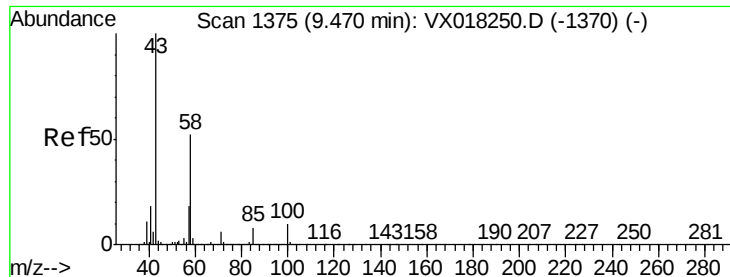
Tgt Ion: 117 Resp: 445308
 Ion Ratio Lower Upper
 117 100
 82 55.6 44.2 66.4
 119 32.5 26.1 39.1



#58
 4-Methyl-2-Pentanone
 Concen: 288.397 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Tgt Ion: 43 Resp: 1883322
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.0 45.0
 85 17.9 14.2 21.4

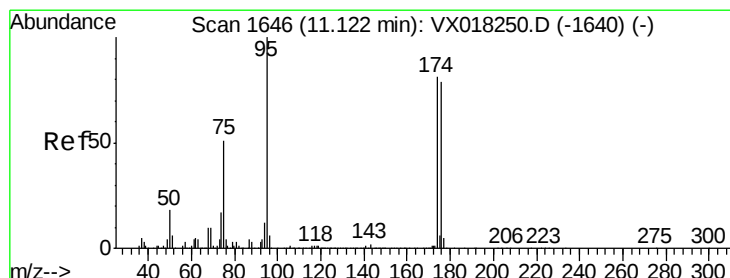
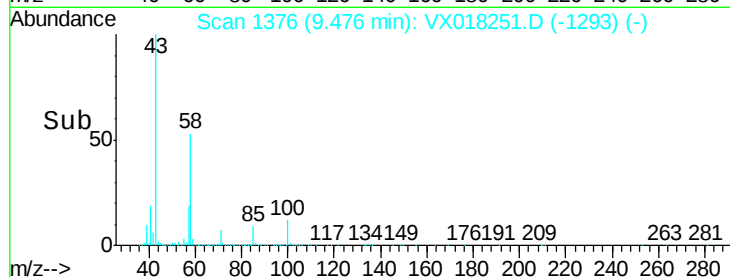
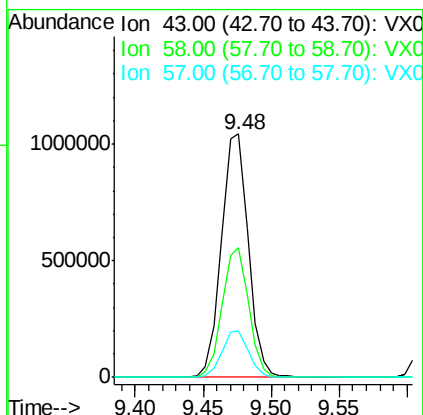
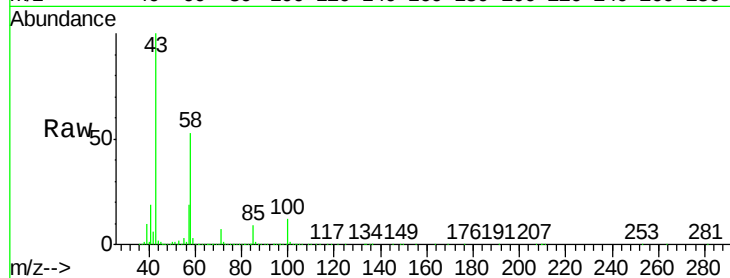




#59
2-Hexanone
Concen: 302.392 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

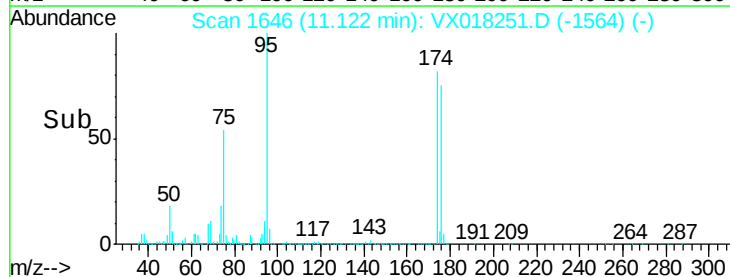
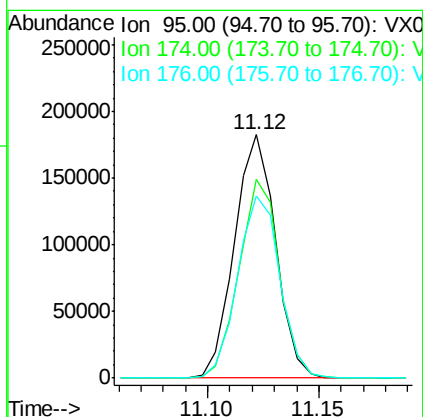
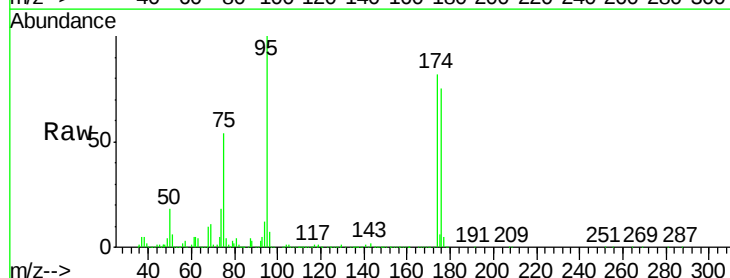
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

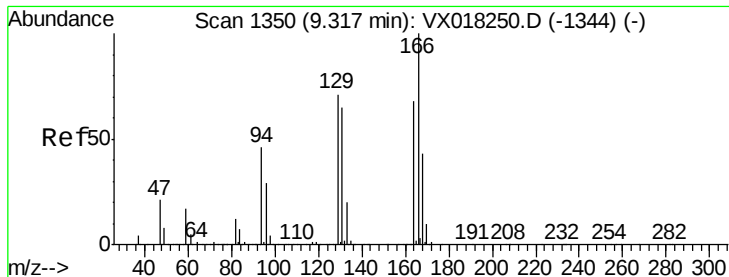
Tgt Ion: 43 Resp: 1430448
Ion Ratio Lower Upper
43 100
58 52.3 42.5 63.7
57 18.9 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 31.162 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion: 95 Resp: 233928
Ion Ratio Lower Upper
95 100
174 80.8 64.2 96.4
176 77.7 62.2 93.4





#61

Tetrachloroethene

Concen: 52.379 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:164 Resp: 260953

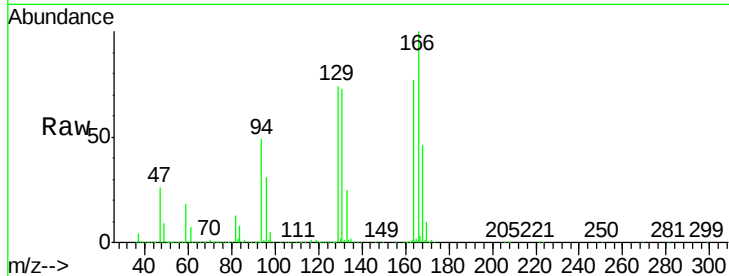
Ion Ratio Lower Upper

164 100

166 129.4 117.4 176.0

129 95.6 82.7 124.1

131 94.3 76.7 115.1

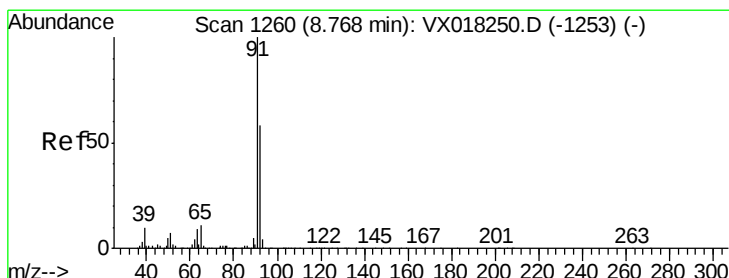
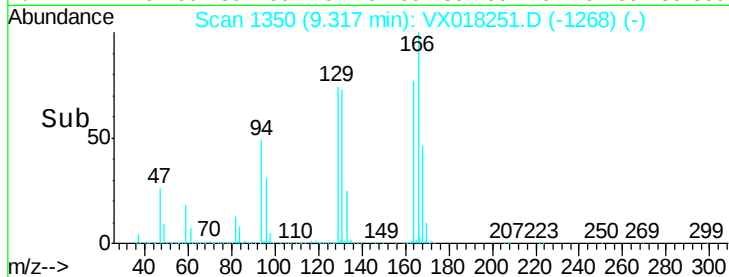
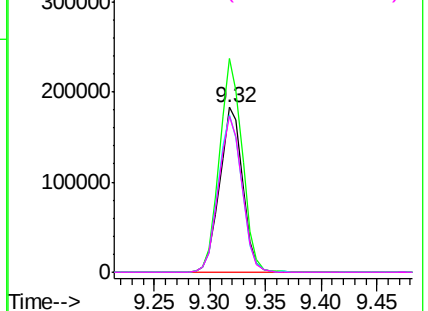


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 58.897 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018251.D

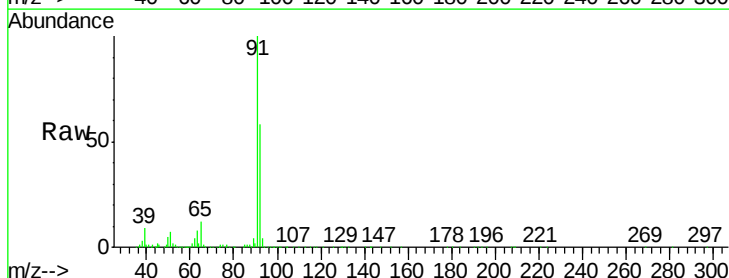
Acq: 04 Sep 2020 11:03

Tgt Ion: 91 Resp: 1087239

Ion Ratio Lower Upper

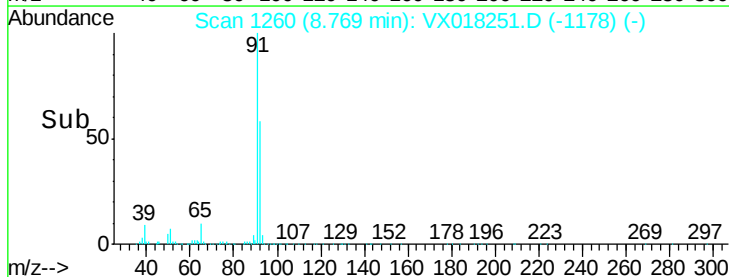
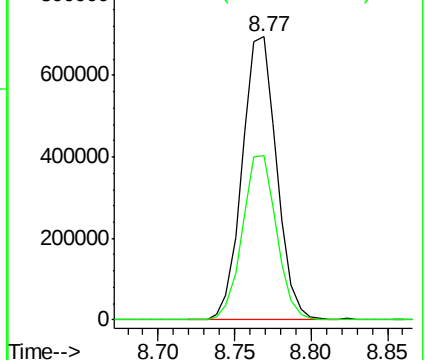
91 100

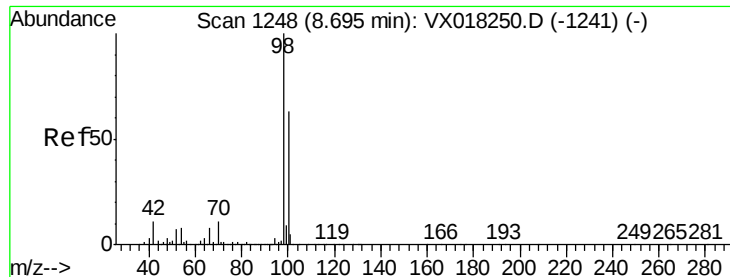
92 57.6 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.751 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

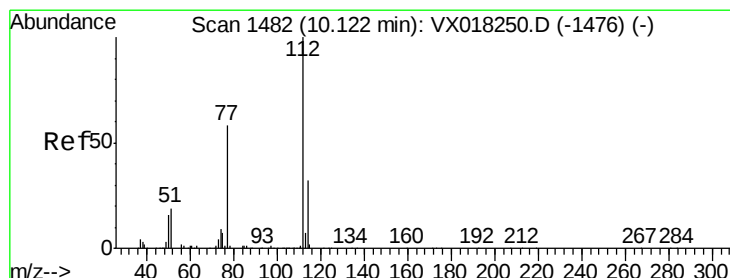
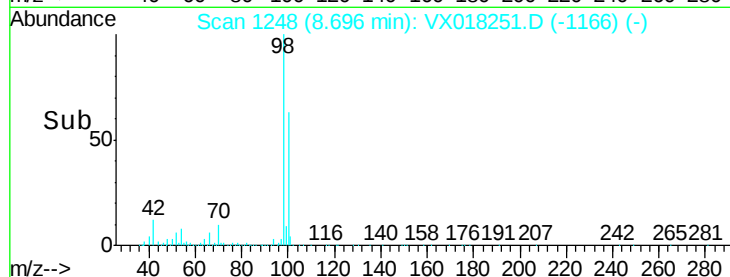
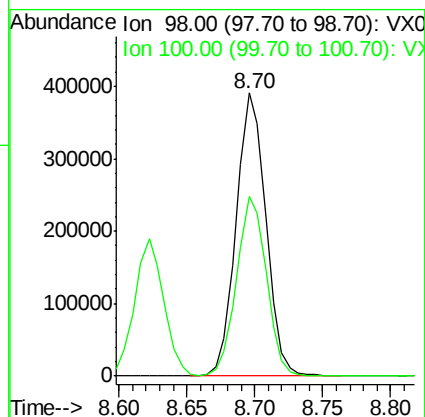
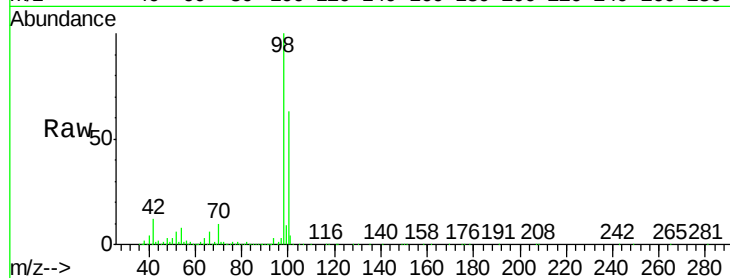
VSTDIC050

Tgt Ion: 98 Resp: 595064

Ion Ratio Lower Upper

98 100

100 63.7 51.4 77.0



#64

Chlorobenzene

Concen: 55.415 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018251.D

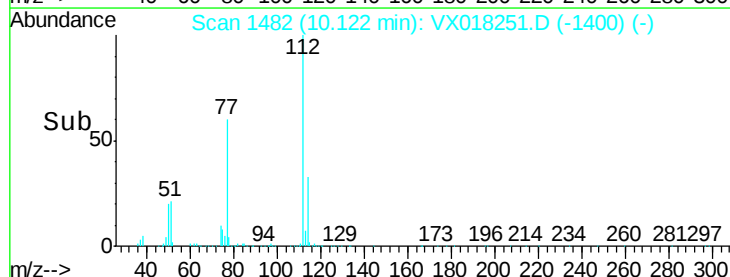
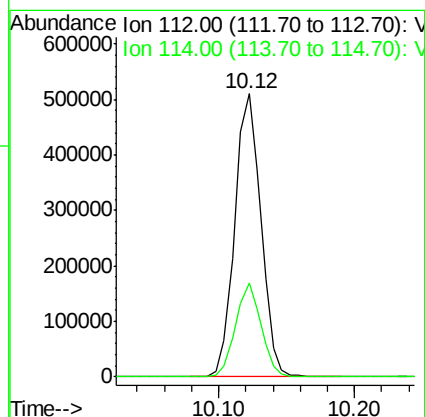
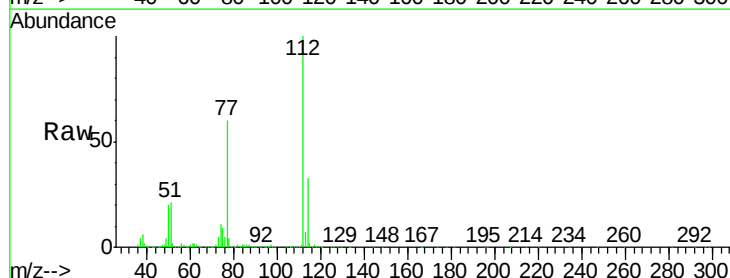
Acq: 04 Sep 2020 11:03

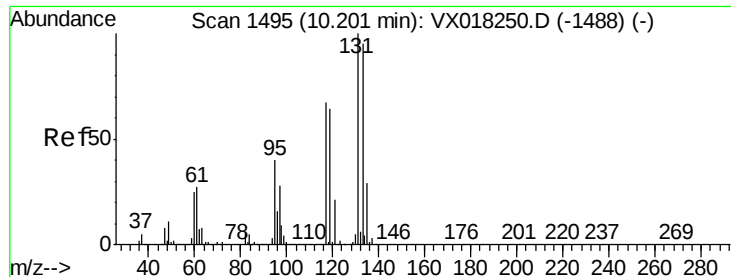
Tgt Ion: 112 Resp: 683195

Ion Ratio Lower Upper

112 100

114 33.0 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 55.106 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

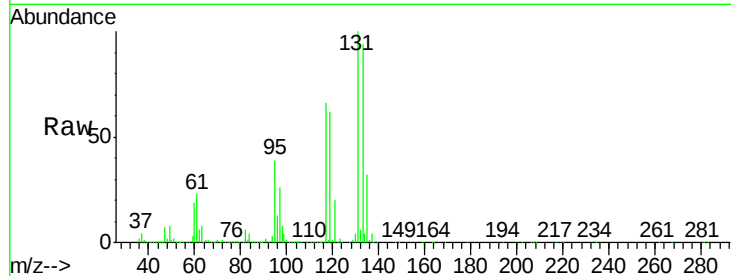
Tgt Ion:131 Resp: 277735

Ion Ratio Lower Upper

131 100

133 97.5 0.0 197.2

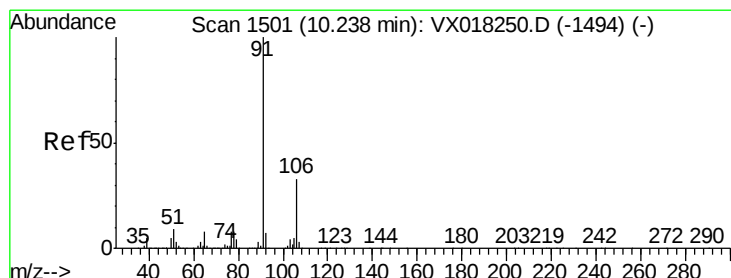
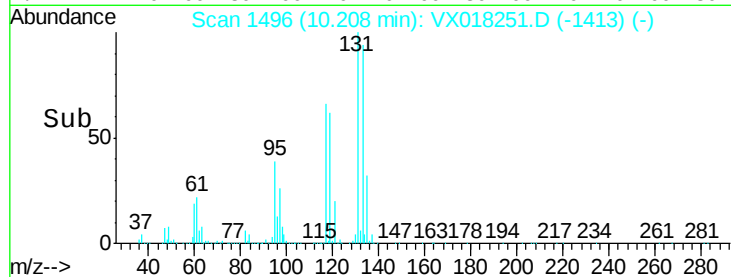
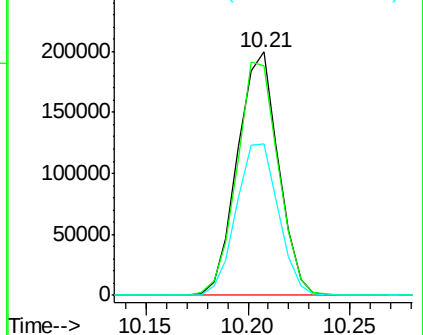
119 64.2 0.0 129.8



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 59.388 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018251.D

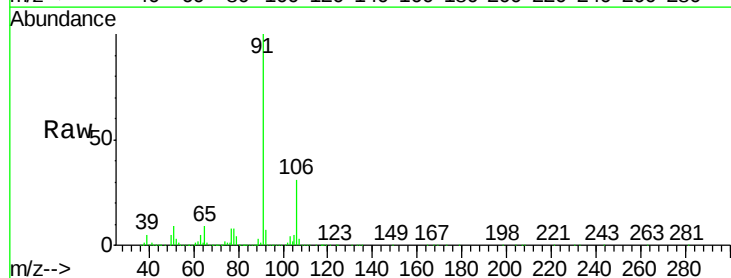
Acq: 04 Sep 2020 11:03

Tgt Ion: 91 Resp: 1219132

Ion Ratio Lower Upper

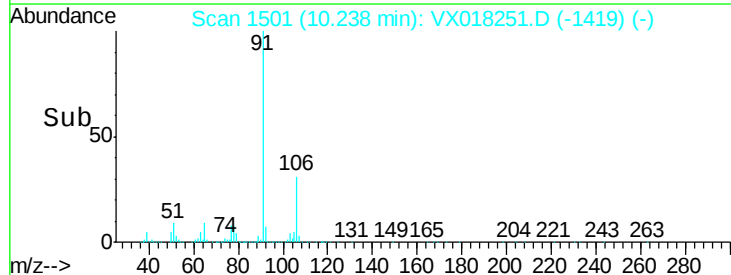
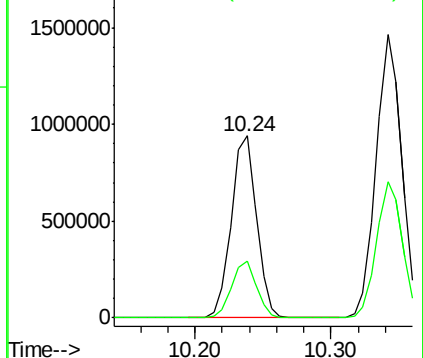
91 100

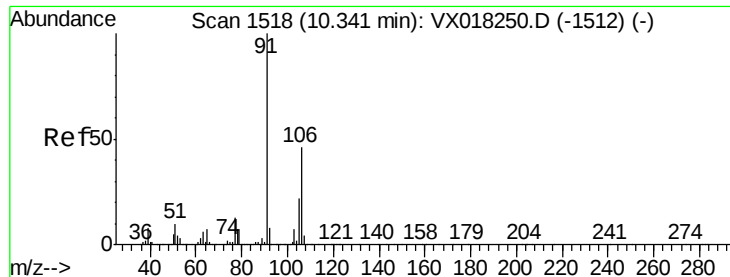
106 30.9 26.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 120.293 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

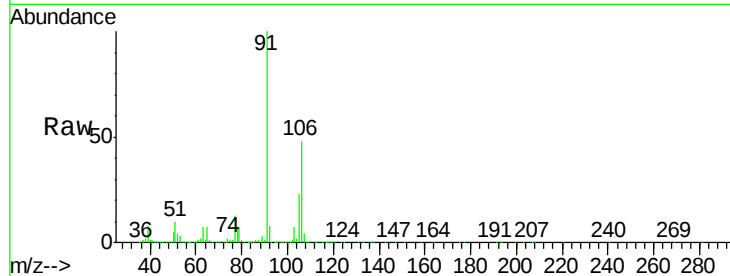
VSTDIC050

Tgt Ion:106 Resp: 929318

Ion Ratio Lower Upper

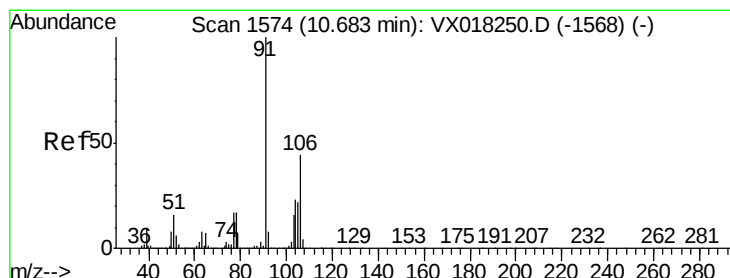
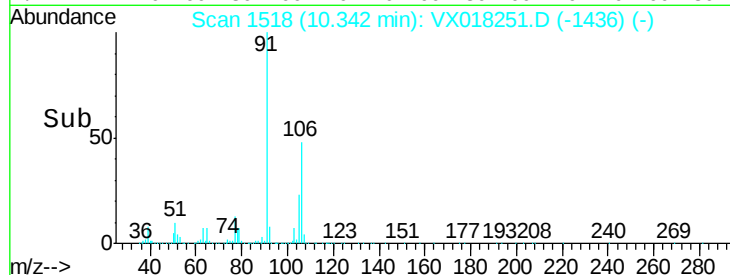
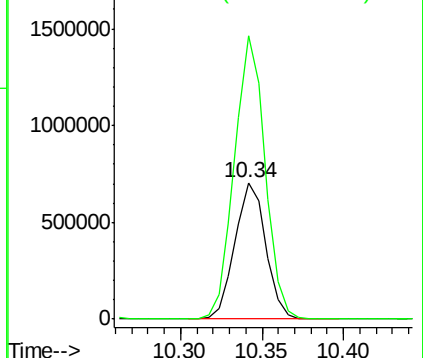
106 100

91 206.2 166.2 249.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 59.435 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018251.D

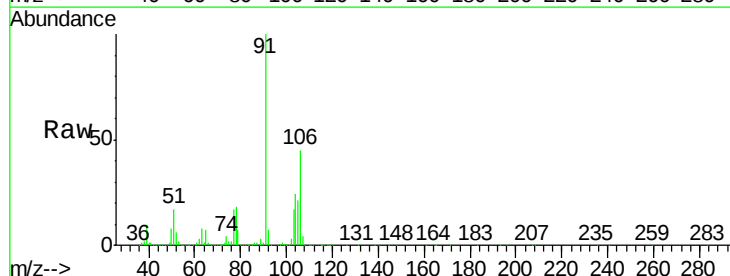
Acq: 04 Sep 2020 11:03

Tgt Ion:106 Resp: 447669

Ion Ratio Lower Upper

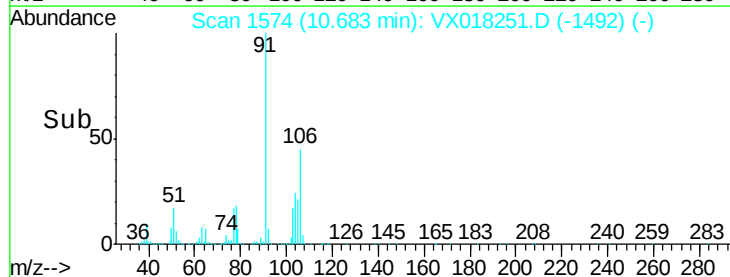
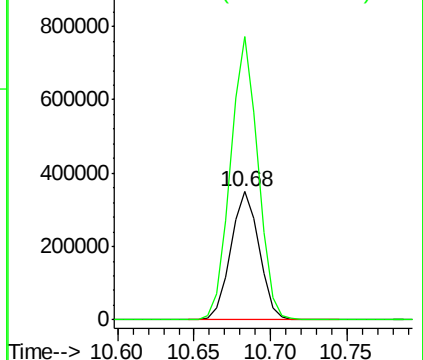
106 100

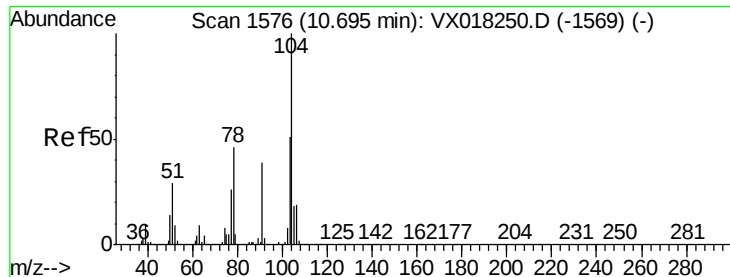
91 213.9 109.2 327.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Styrene

Concen: 59.783 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

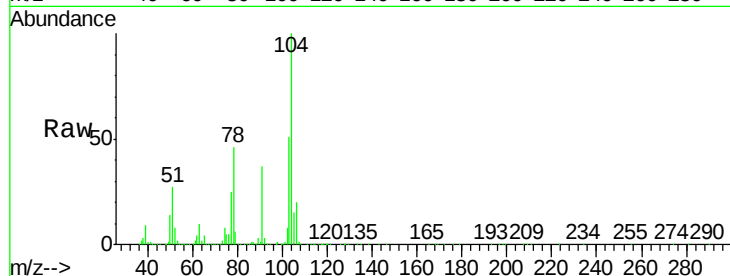
Tgt Ion:104 Resp: 789037

Ion Ratio Lower Upper

104 100

78 51.9 41.7 62.5

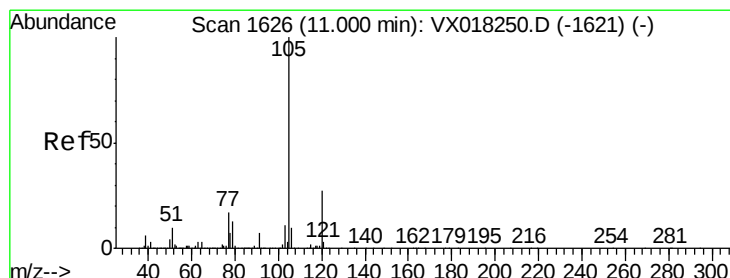
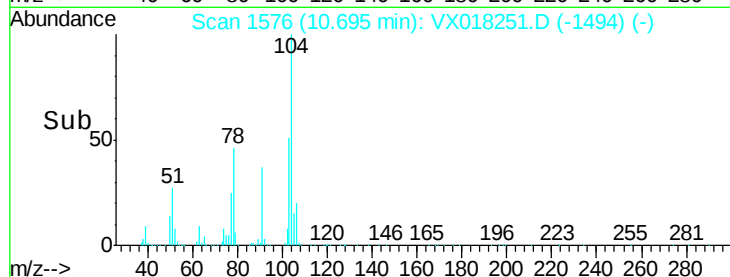
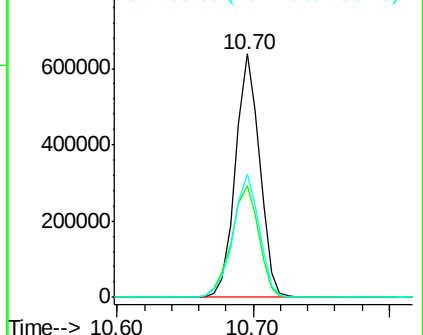
103 55.1 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 56.693 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018251.D

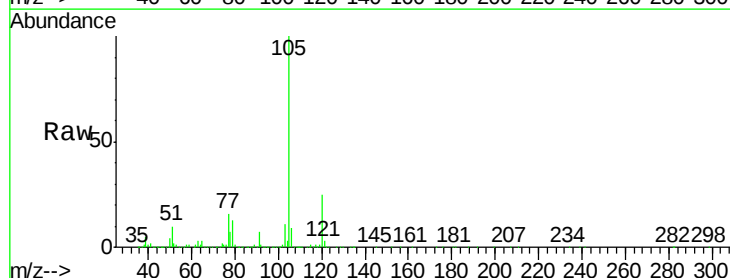
Acq: 04 Sep 2020 11:03

Tgt Ion:105 Resp: 1233825

Ion Ratio Lower Upper

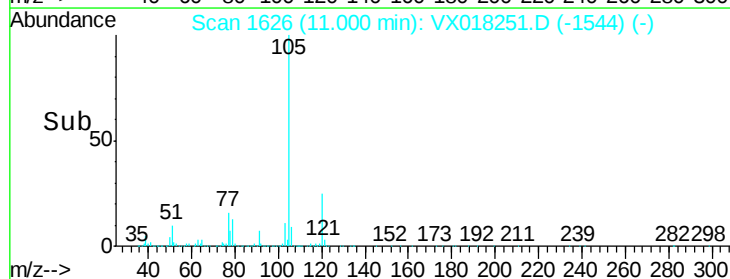
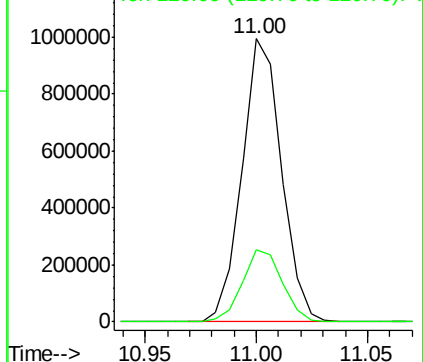
105 100

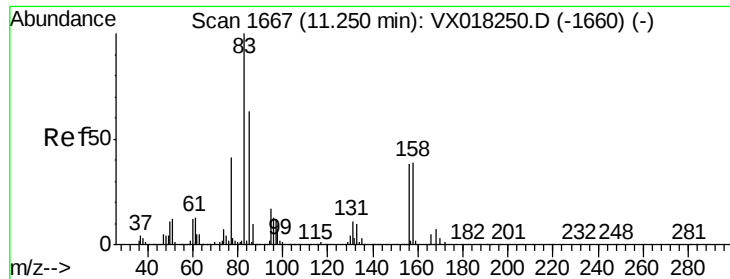
120 25.8 18.7 34.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 61.946 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

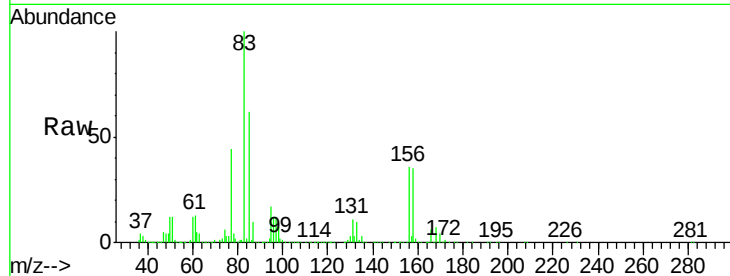
Tgt Ion: 83 Resp: 394514

Ion Ratio Lower Upper

83 100

131 11.0 5.8 17.3

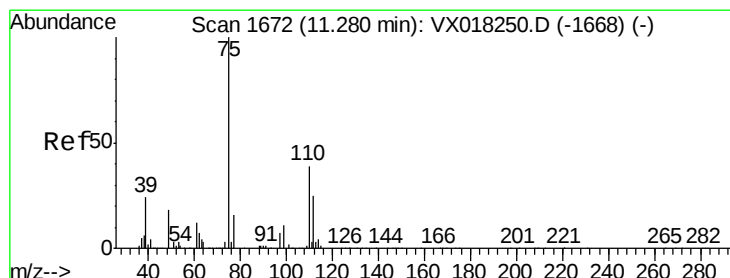
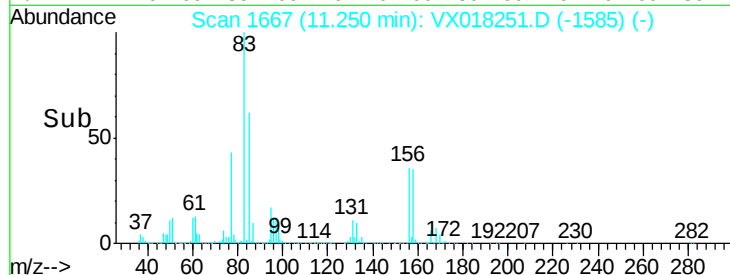
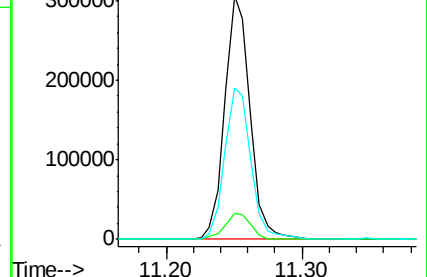
85 64.4 31.3 93.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 79.139 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018251.D

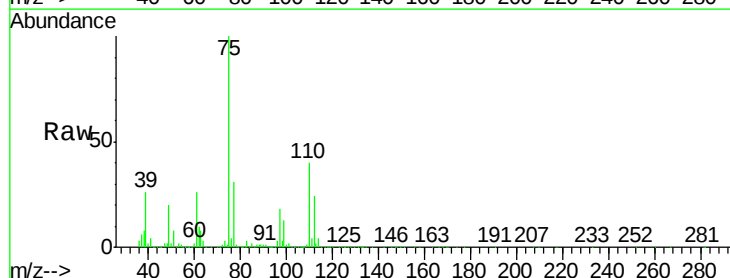
Acq: 04 Sep 2020 11:03

Tgt Ion: 75 Resp: 497988

Ion Ratio Lower Upper

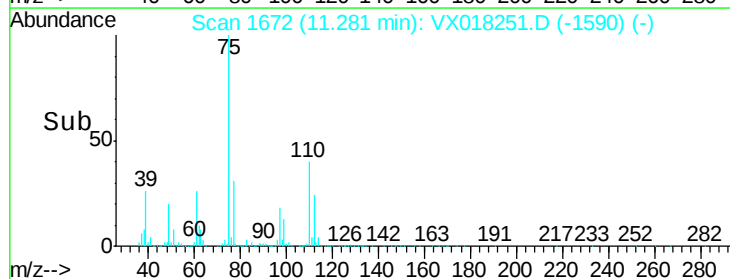
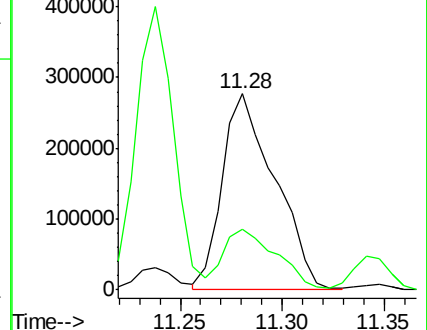
75 100

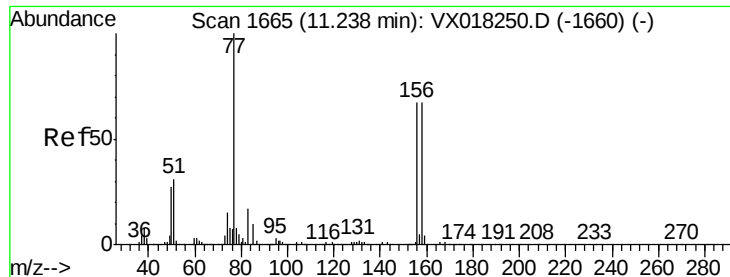
77 31.1 0.0 74.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 55.587 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

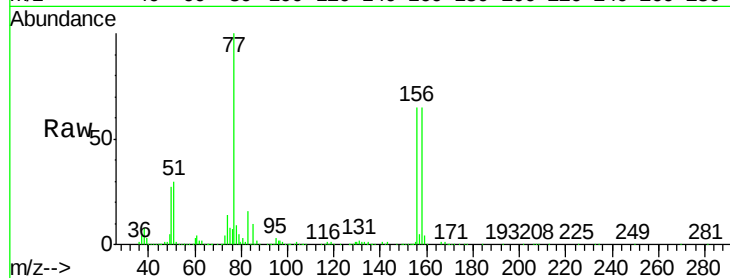
Tgt Ion:156 Resp: 321957

Ion Ratio Lower Upper

156 100

77 159.4 0.0 311.0

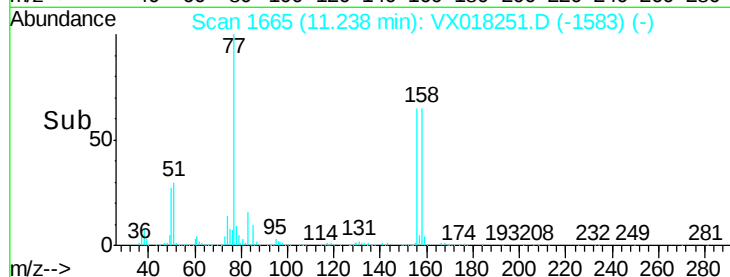
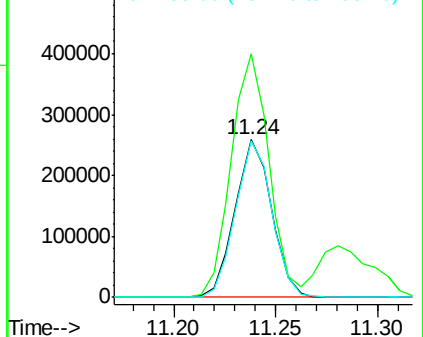
158 98.7 0.0 194.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 57.571 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018251.D

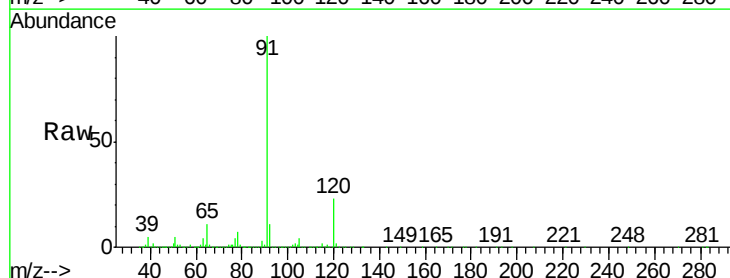
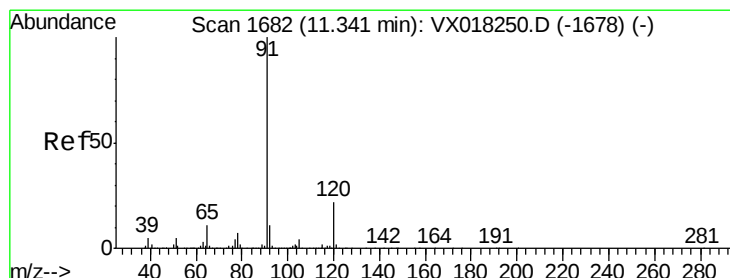
Acq: 04 Sep 2020 11:03

Tgt Ion: 91 Resp: 1441477

Ion Ratio Lower Upper

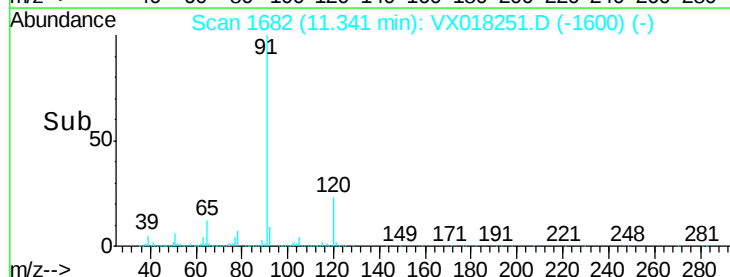
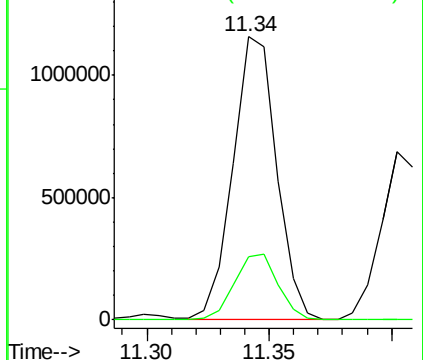
91 100

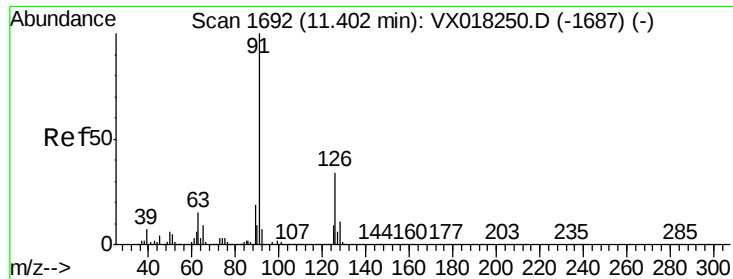
120 23.4 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 56.625 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

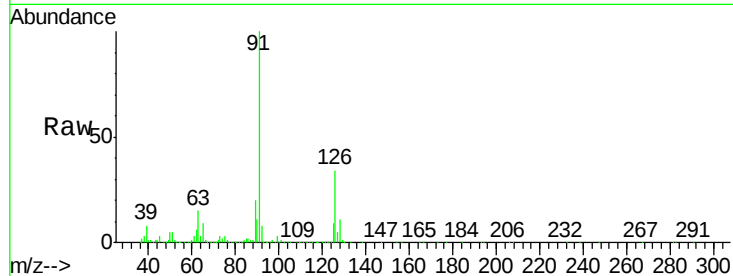
VSTDIC050

Tgt Ion: 91 Resp: 859254

Ion Ratio Lower Upper

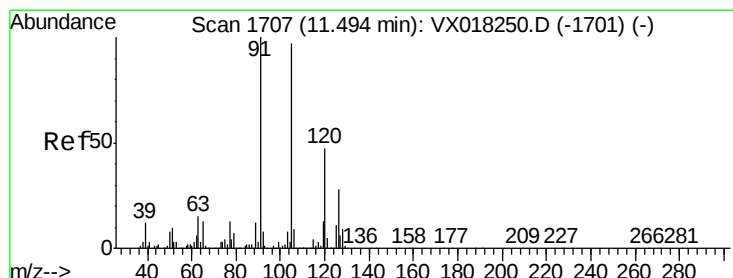
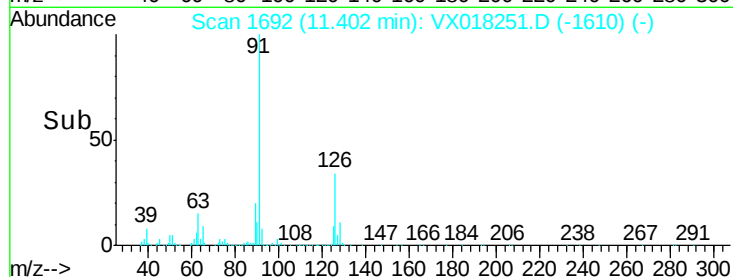
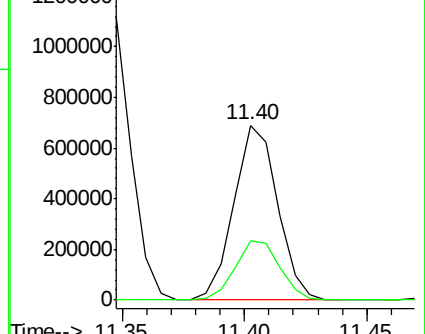
91 100

126 34.7 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 58.080 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018251.D

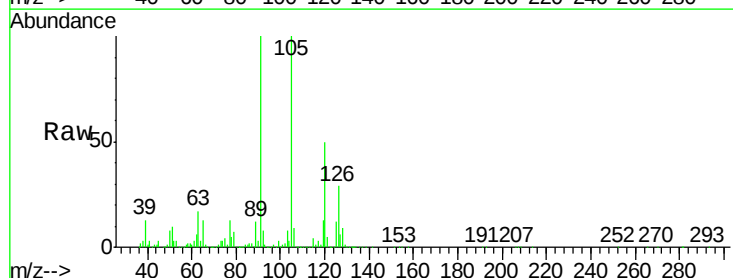
Acq: 04 Sep 2020 11:03

Tgt Ion: 105 Resp: 1067906

Ion Ratio Lower Upper

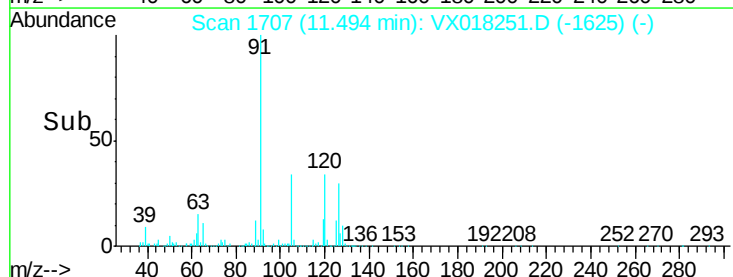
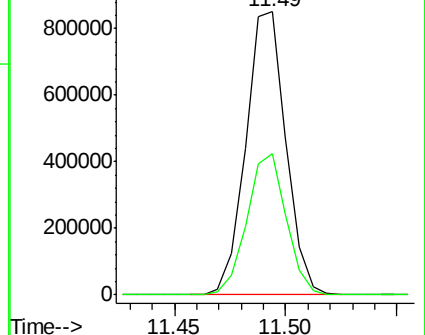
105 100

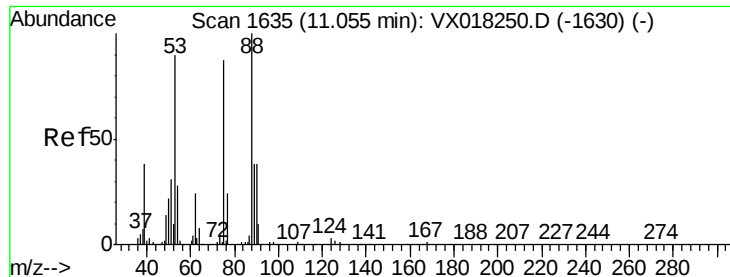
120 48.8 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

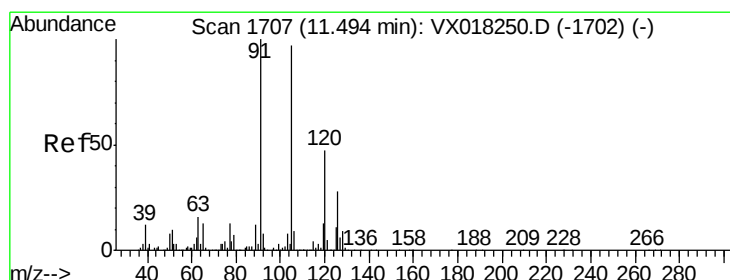
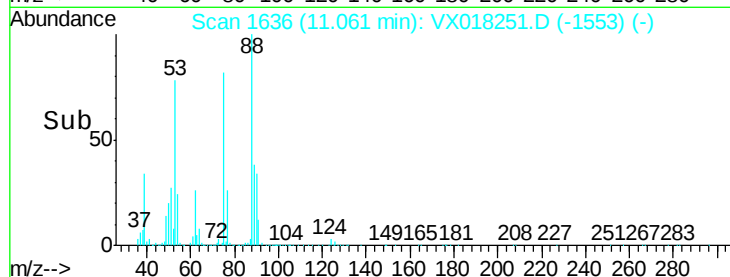
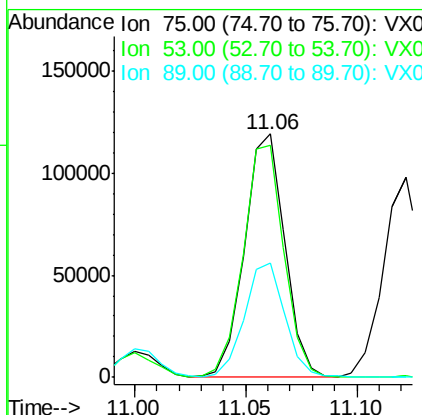
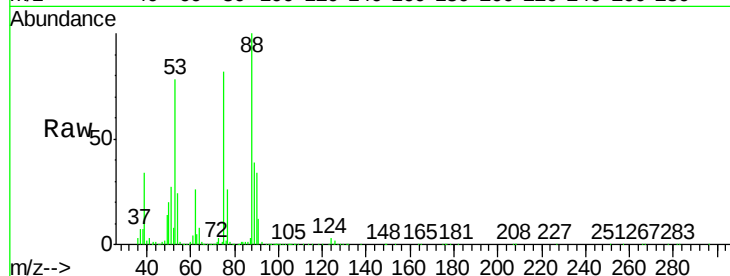




#77
t-1,4-Dichloro-2-butene
Concen: 60.965 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

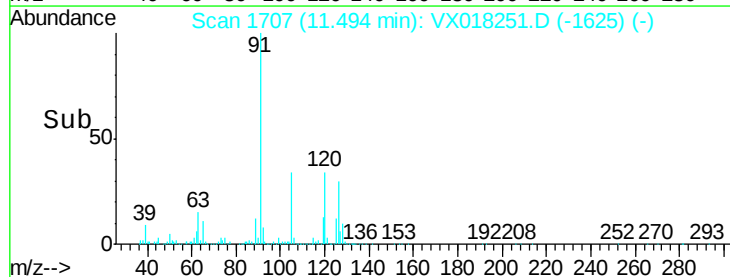
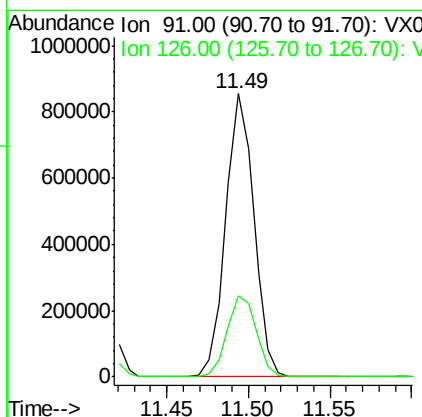
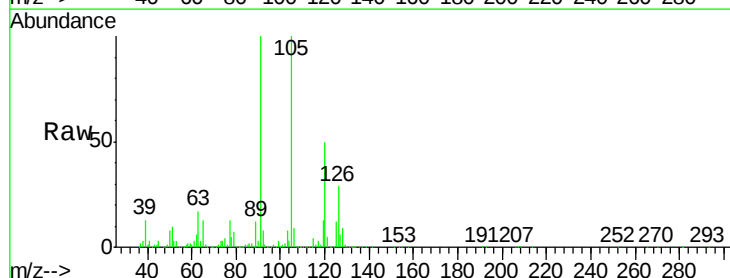
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

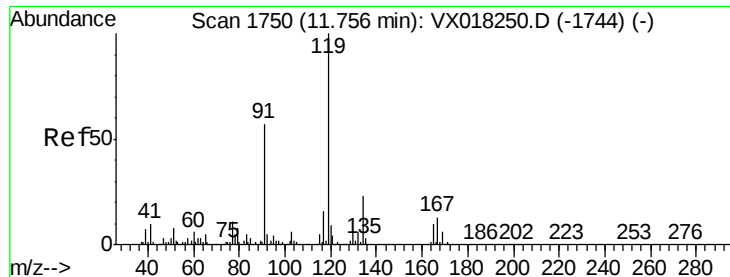
Tgt Ion: 75 Resp: 150194
Ion Ratio Lower Upper
75 100
53 95.4 52.1 156.4
89 46.8 22.1 66.3



#78
4-Chlorotoluene
Concen: 58.321 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion: 91 Resp: 1031856
Ion Ratio Lower Upper
91 100
126 29.5 0.0 59.2

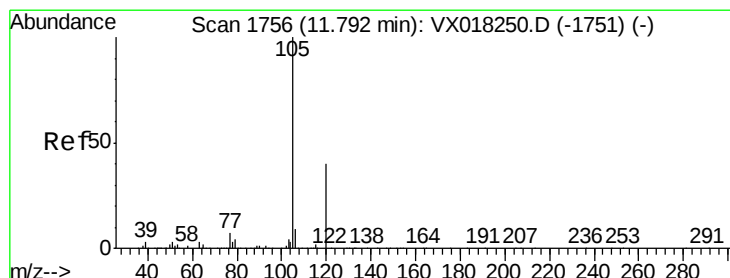
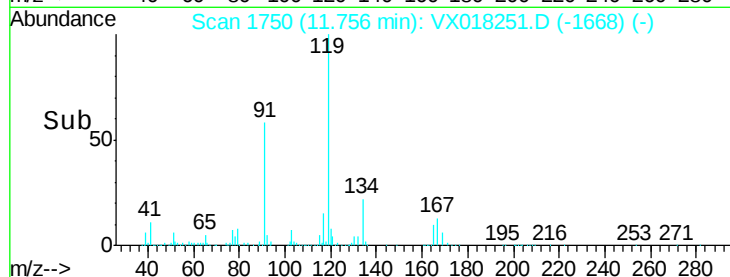
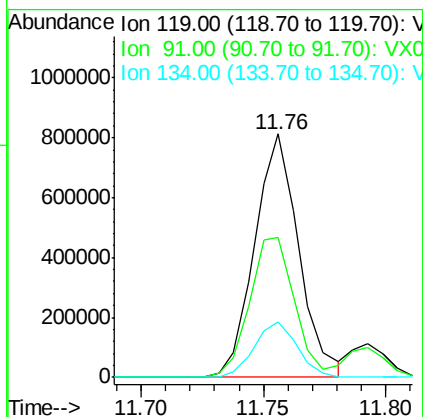
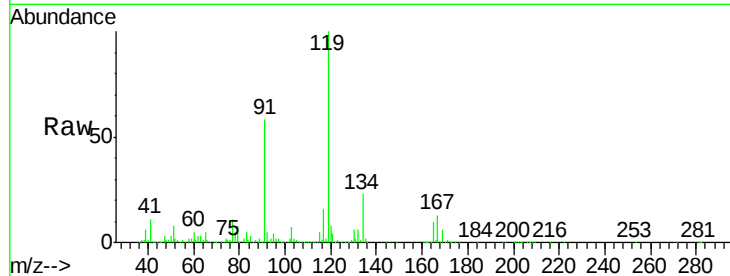




#79
tert-butylbenzene
Concen: 56.994 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

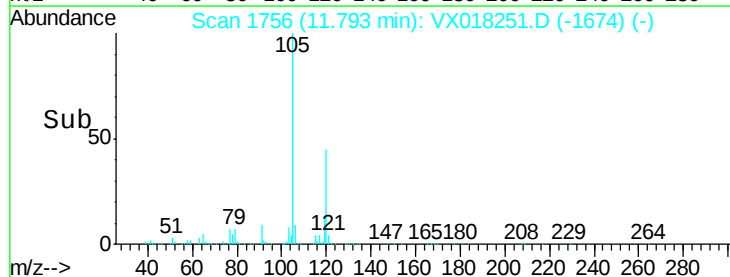
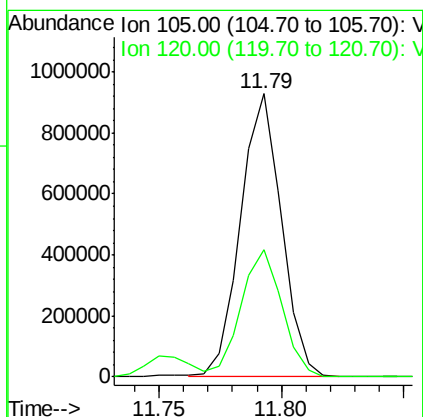
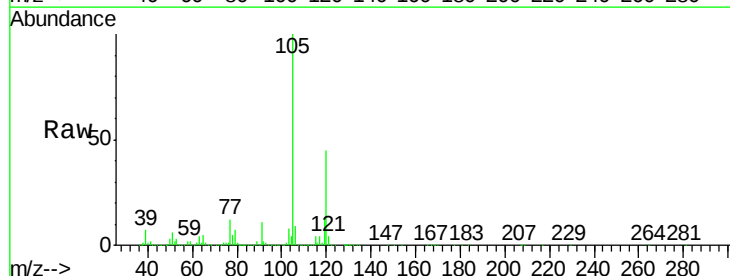
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

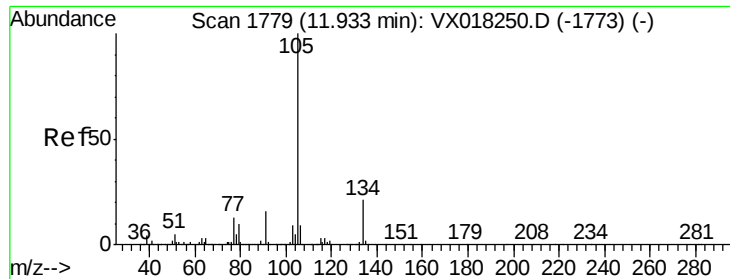
Tgt Ion:119 Resp: 1027527
Ion Ratio Lower Upper
119 100
91 58.2 0.0 111.8
134 22.4 0.0 42.4



#80
1,2,4-Trimethylbenzene
Concen: 56.345 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion:105 Resp: 1076100
Ion Ratio Lower Upper
105 100
120 45.1 0.0 89.2

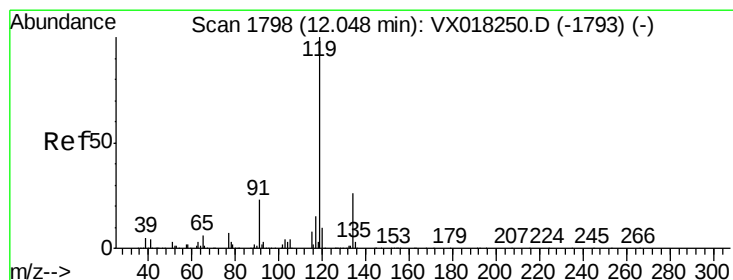
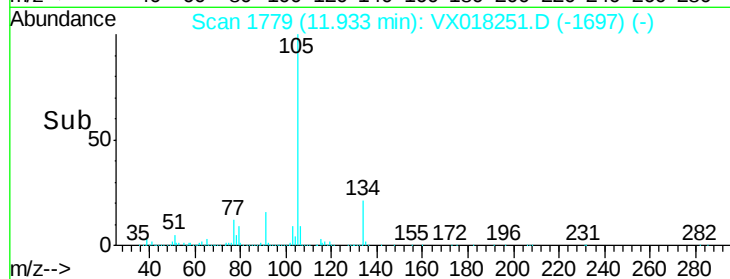
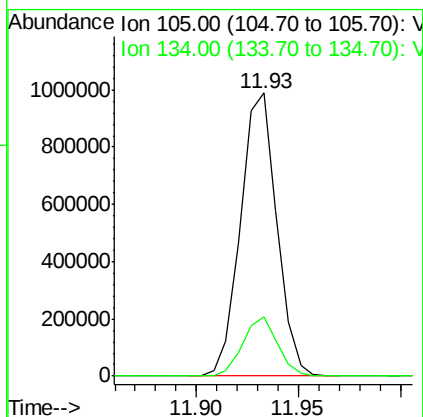
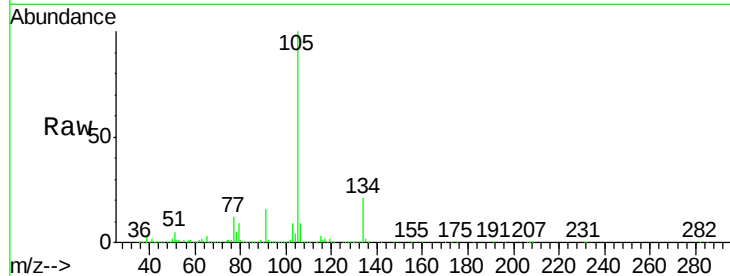




#81
 sec-Butylbenzene
 Concen: 56.913 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

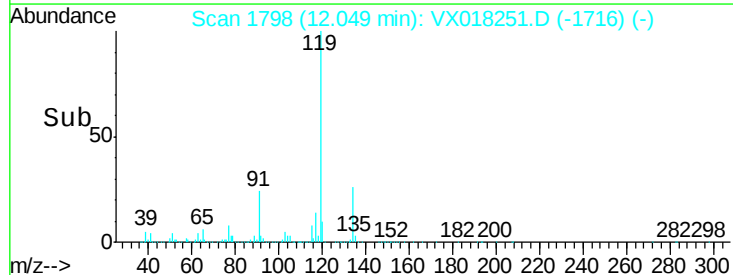
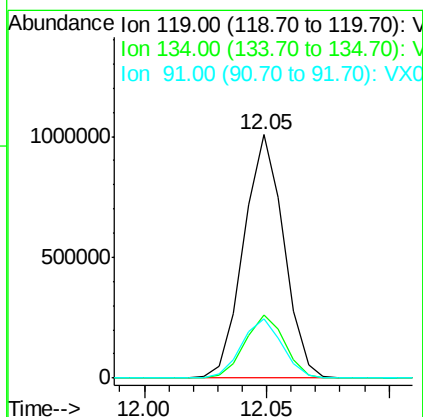
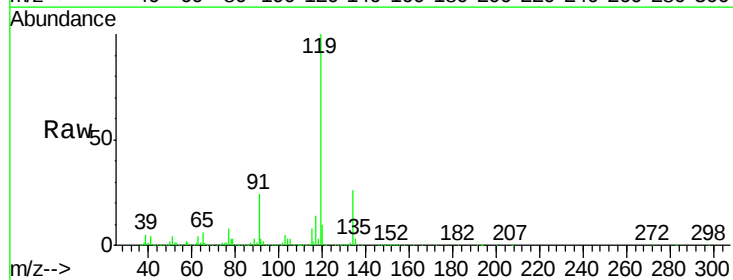
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

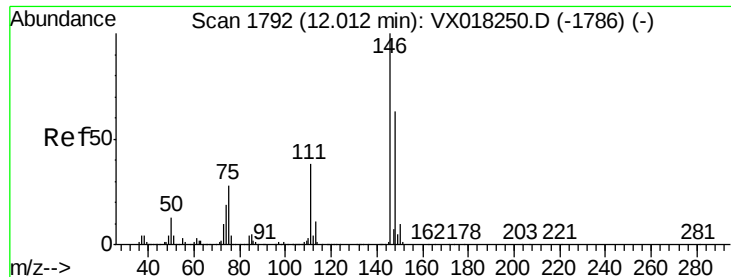
Tgt Ion:105 Resp: 1218005
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 40.0



#82
 p-Isopropyltoluene
 Concen: 58.439 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Tgt Ion:119 Resp: 1141784
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 53.0
 91 24.5 0.0 49.8

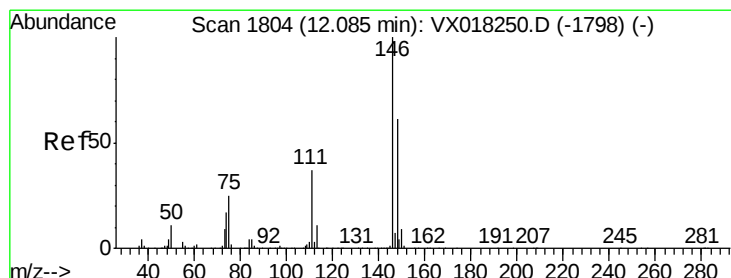
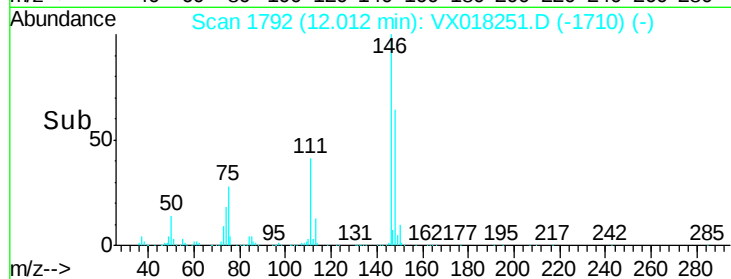
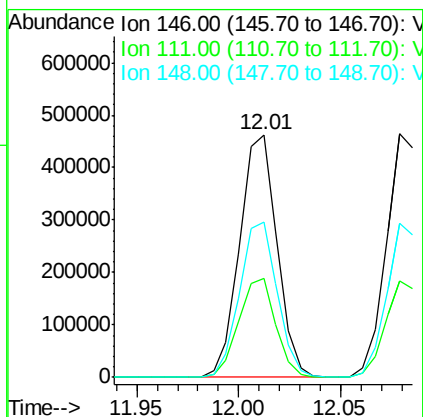
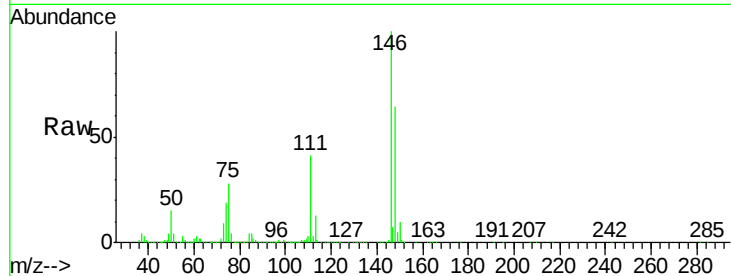




#83
 1,3-Dichlorobenzene
 Concen: 55.528 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

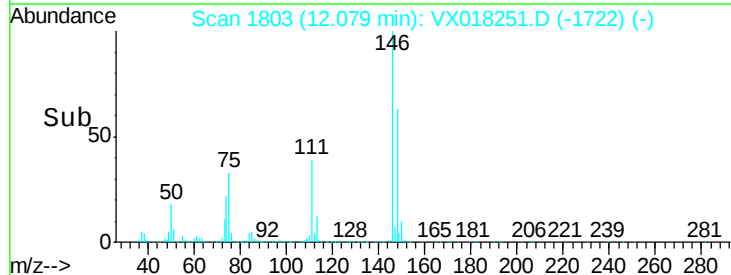
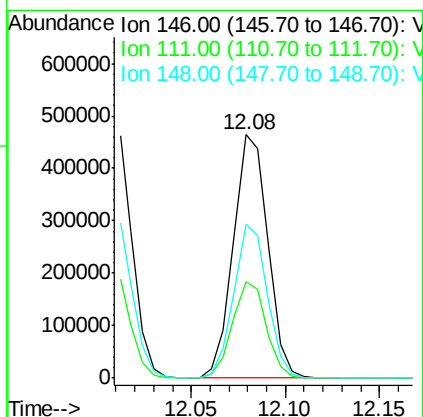
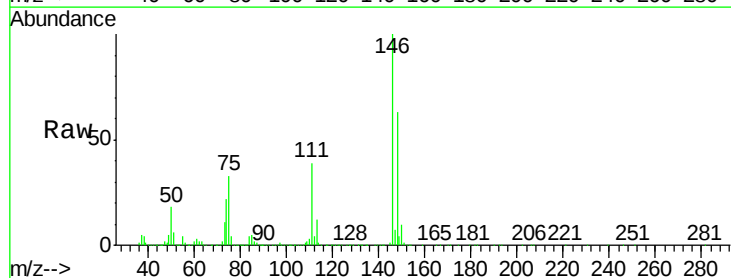
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

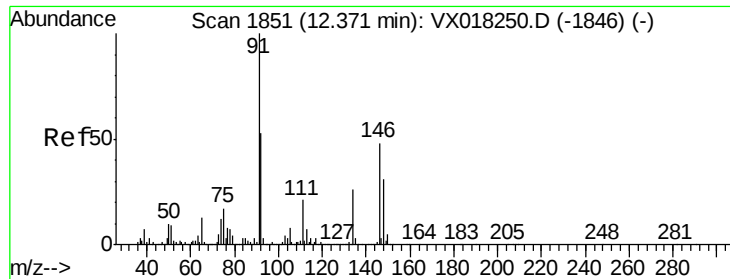
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.0	59.9
148	64.5	32.1	96.3



#84
 1,4-Dichlorobenzene
 Concen: 55.908 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.3	57.8
148	61.8	31.7	95.1

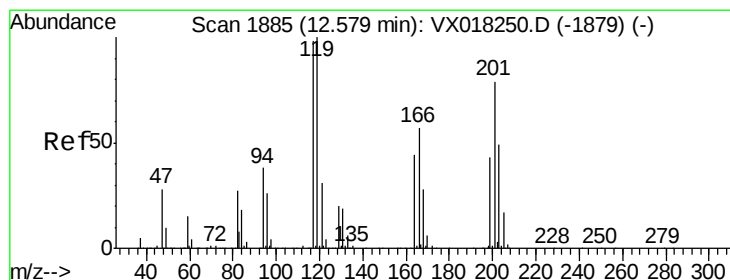
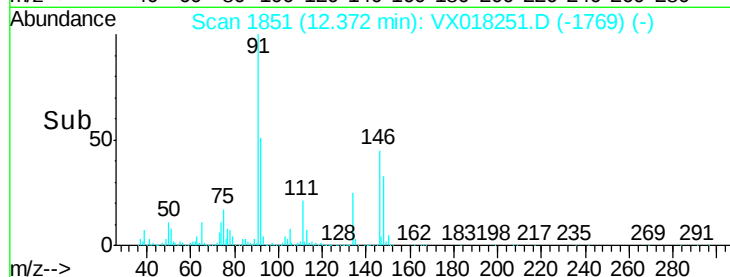
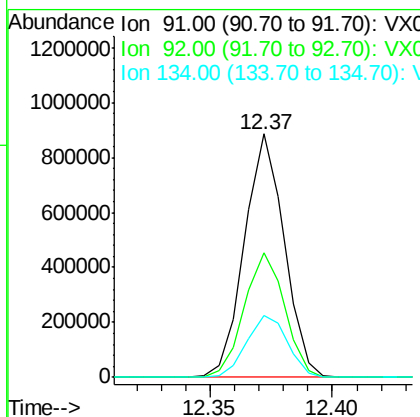
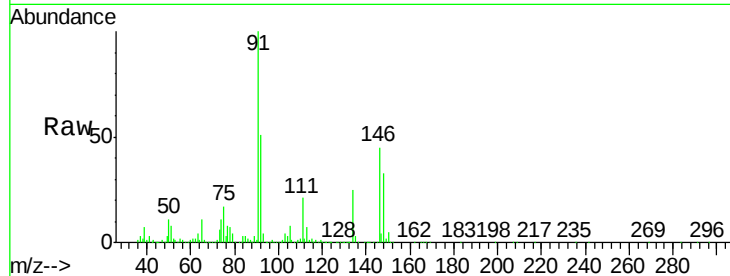




#85
n-Butylbenzene
Concen: 54.099 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

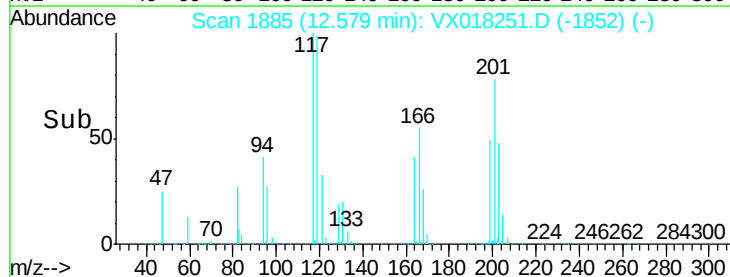
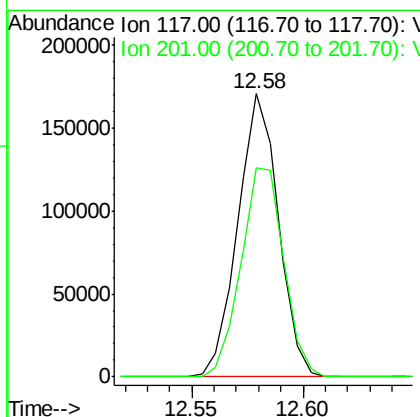
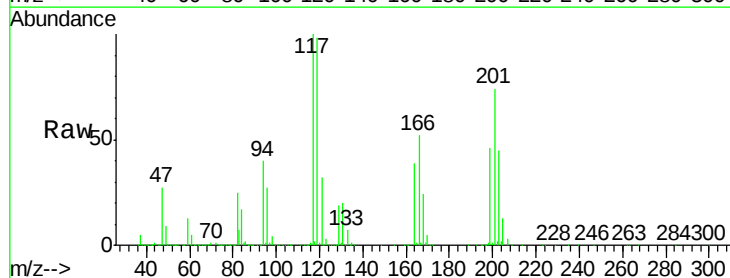
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

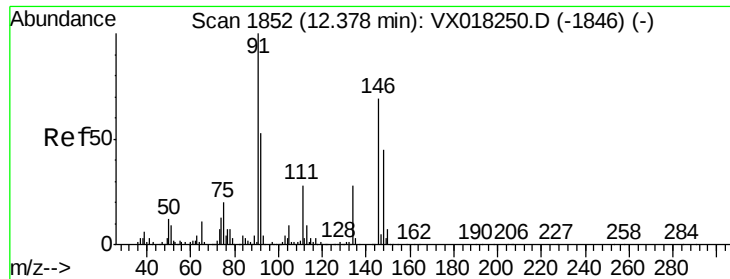
Tgt Ion: 91 Resp: 1000633
Ion Ratio Lower Upper
91 100
92 52.1 0.0 105.0
134 26.3 0.0 51.0



#86
Hexachloroethane
Concen: 52.300 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion: 117 Resp: 216044
Ion Ratio Lower Upper
117 100
201 78.4 39.6 118.8

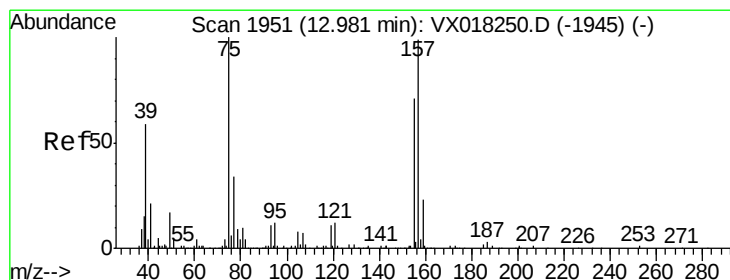
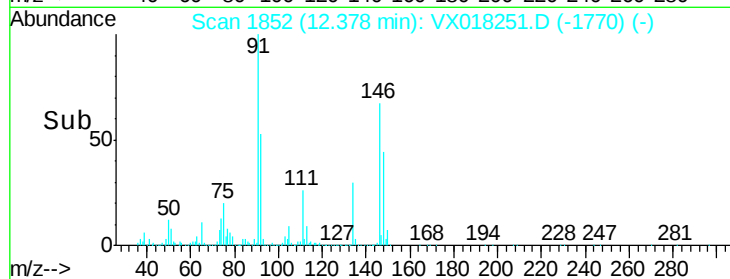
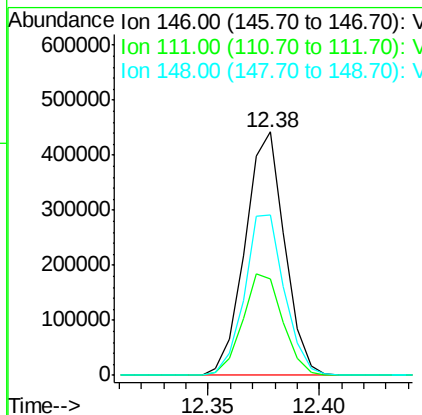
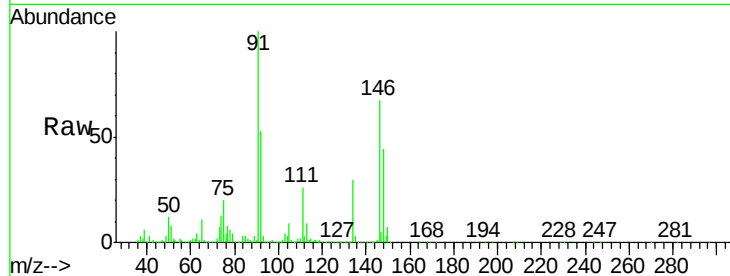




#87
 1,2-Dichlorobenzene
 Concen: 52.619 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

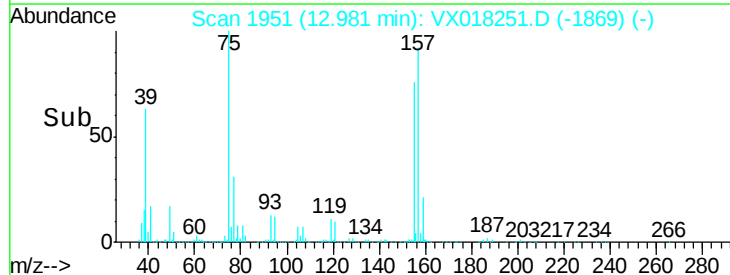
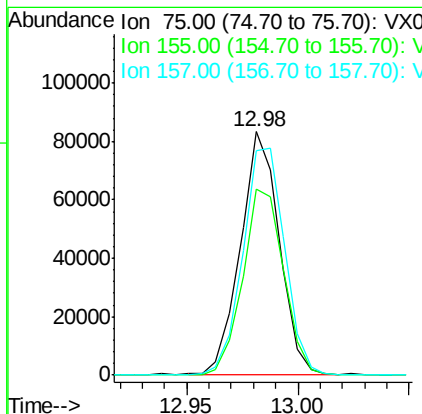
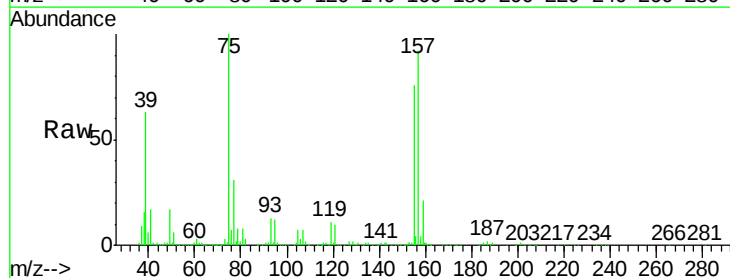
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

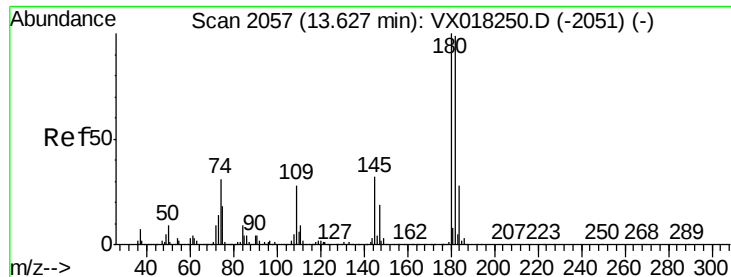
Tgt Ion: 146 Resp: 550228
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.4 64.3
 148 66.4 32.0 96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 57.931 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Tgt Ion: 75 Resp: 101584
 Ion Ratio Lower Upper
 75 100
 155 80.4 63.4 95.2
 157 100.7 87.0 130.6

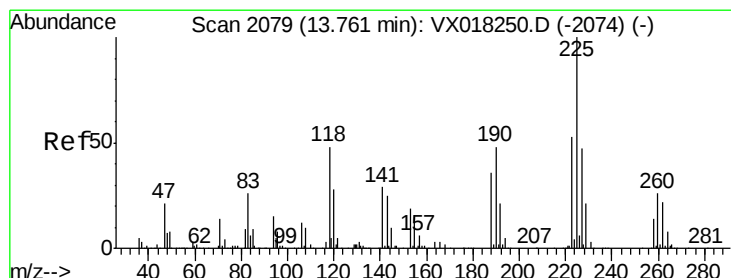
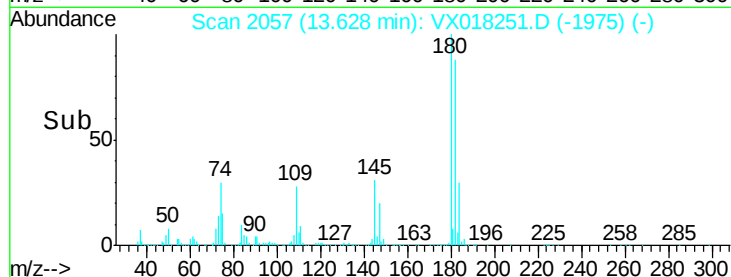
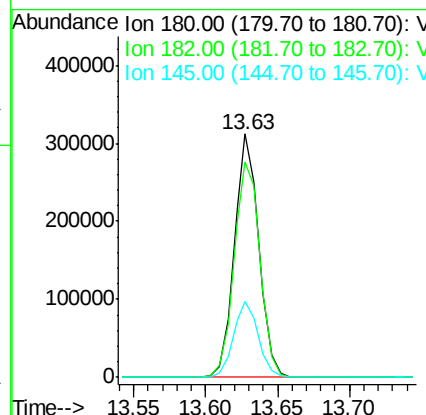
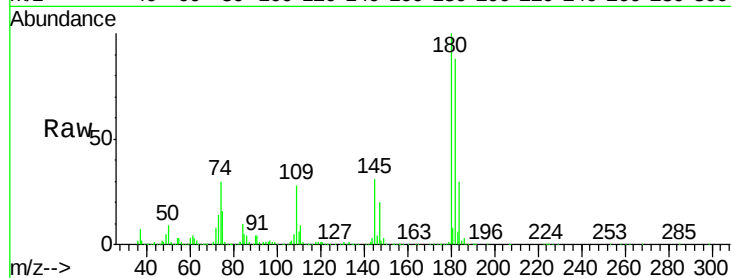




#89
 1,2,4-Trichlorobenzene
 Concen: 51.364 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

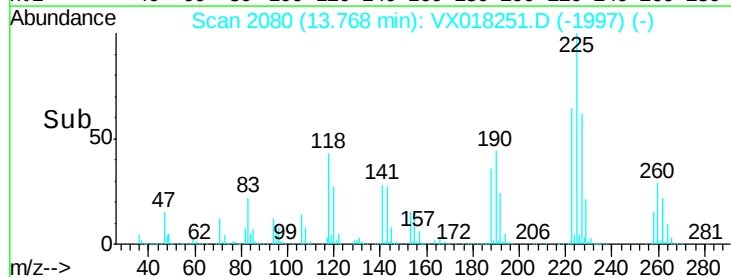
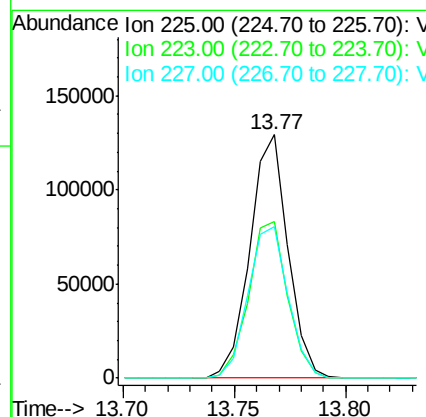
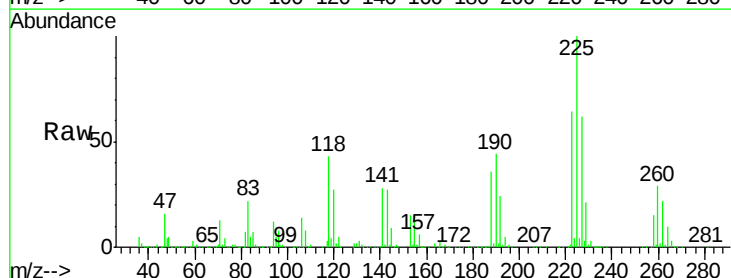
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

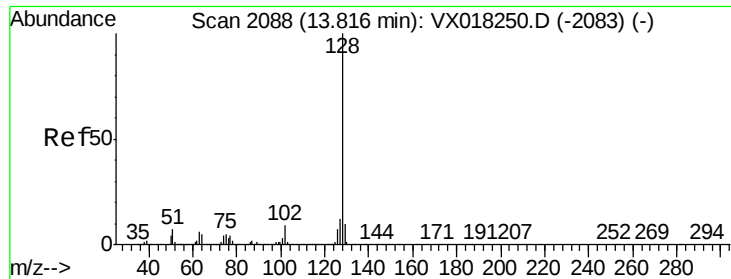
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.1	115.7
145	31.8	25.0	37.6



#90
 Hexachlorobutadiene
 Concen: 46.616 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.2	0.0	115.8
227	65.6	0.0	117.0

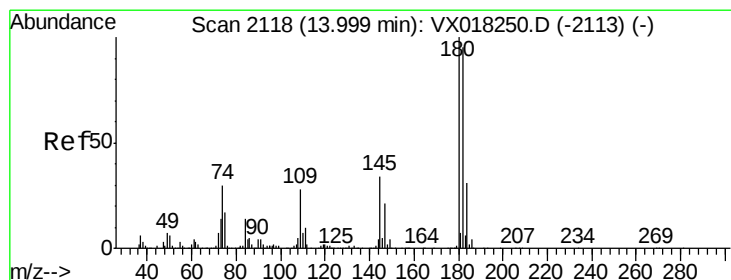
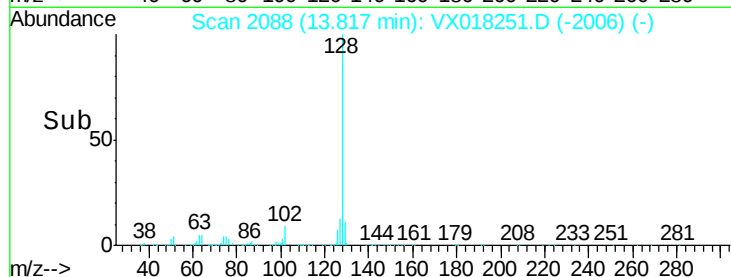
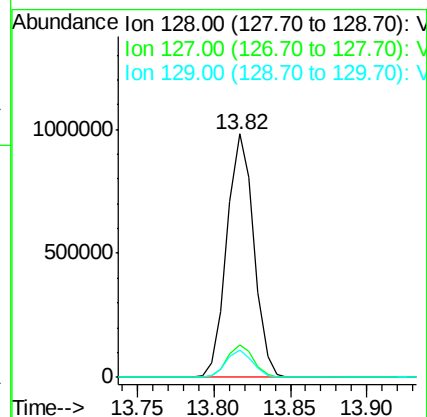
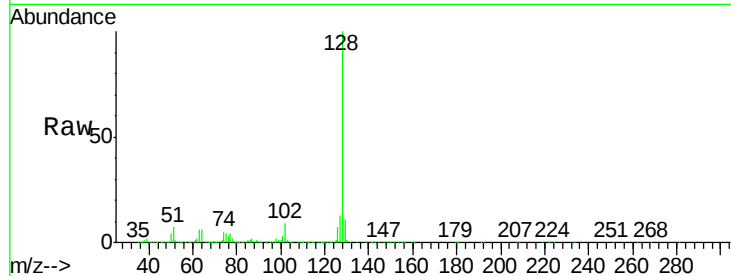




#91
Naphthalene
Concen: 55.812 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 1200463
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.9 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 54.108 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion:180 Resp: 377371
Ion Ratio Lower Upper
180 100
182 94.3 0.0 191.6
145 33.5 0.0 67.4

