

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
 Data File : VX017607.D
 Acq On : 27 Jul 2020 09:23
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 27 11:32:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:26:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	111533	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	624122	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	560305	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	268146	33.29	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	110.97%
60) 4-Bromofluorobenzene	11.12	95	257857	26.62	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.73%
63) Toluene-d8	8.70	98	697709	28.47	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	94.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	28526	4.968	ug/l 91
3) Chloromethane	1.31	50	30936	5.211	ug/l 96
4) Vinyl Chloride	1.39	62	30706	5.024	ug/l 100
5) Bromomethane	1.63	94	24442	6.147	ug/l 94
6) Chloroethane	1.71	64	18871	4.907	ug/l 100
7) Trichlorofluoromethane	1.92	101	56649	5.503	ug/l 93
8) Diethyl Ether	2.17	74	18855	5.462	ug/l 90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	30609	5.716	ug/l 97
10) 1,1-Dichloroethene	2.36	96	29652	5.658	ug/l 91
11) Methyl Iodide	2.49	142	21402	3.391	ug/l 98
12) Methyl Acetate	2.75	43	39151	5.269	ug/l 94
13) Acrolein	2.27	56	30678	31.762	ug/l 99
14) Acrylonitrile	3.11	53	72868	22.135	ug/l 96
15) Acetone	2.42	58	22239	26.135	ug/l 96
16) Carbon Disulfide	2.55	76	63726	4.526	ug/l 96
17) Allyl chloride	2.71	41	51218	5.221	ug/l 94
18) Methylene Chloride	2.83	84	32972	5.138	ug/l 91
19) trans-1,2-Dichloroethene	3.14	96	27353	4.571	ug/l 91
20) Diisopropyl ether	3.82	45	103876	5.325	ug/l 89
21) 1,1-Dichloroethane	3.67	63	54205	5.011	ug/l 97
22) cis-1,2-Dichloroethene	4.56	96	18133	2.626	ug/l # 26
23) tert-Butyl Alcohol	3.01	59	36500	25.929	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	95216	4.713	ug/l 97
25) Chloroform	5.17	83	58421	4.989	ug/l 98
26) Cyclohexane	5.54	56	39085	4.516	ug/l # 100
29) 1,1-Dichloropropene	5.76	75	42830	4.833	ug/l 96
30) 2-Butanone	4.63	43	110308	22.657	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	55145	4.752	ug/l 99
33) Carbon Tetrachloride	5.76	117	52720	4.895	ug/l 88
34) Benzene	6.11	78	113474	4.389	ug/l 96
35) Methacrylonitrile	5.00	41	23349	4.257	ug/l 87
36) 1,2-Dichloroethane	6.17	62	49724	4.797	ug/l 98
37) Trichloroethene	7.18	130	34489	4.325	ug/l 98
38) Methylcyclohexane	7.43	83	42571	4.475	ug/l 98
39) 1,2-Dichloropropane	7.49	63	30568	4.437	ug/l 96
40) Dibromomethane	7.63	93	23165	4.662	ug/l 97
41) Bromodichloromethane	7.88	83	46030	4.400	ug/l 95

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 27 11:32:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:26:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	3.78	43	425200	23.593	ug/l	99
43) Ethyl Acetate	4.79	43	46908	5.006	ug/l	96
44) Isopropyl Acetate	6.42	43	71075	4.514	ug/l	99
45) 1,4-Dioxane	7.71	88	12824	83.021	ug/l	89
46) Methyl methacrylate	7.75	41	35718	4.665	ug/l	98
47) n-amyl Acetate	10.88	43	52604	3.781	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	46277	3.981	ug/l	97
49) cis-1,3-Dichloropropene	8.41	75	55075	4.523	ug/l	95
50) 1,1,2-Trichloroethane	9.20	97	28992	3.973	ug/l #	87
51) Ethyl methacrylate	9.16	69	39685	3.681	ug/l	95
52) 1,3-Dichloropropane	9.35	76	49744	4.214	ug/l	99
53) Dibromochloromethane	9.57	129	38832	4.391	ug/l	100
54) 1,2-Dibromoethane	9.65	107	36395	4.683	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	107784	21.276	ug/l	98
56) Bromoform	10.84	173	28093	4.027	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	206402	21.660	ug/l	99
59) 2-Hexanone	9.47	43	148210	21.283	ug/l	98
61) Tetrachloroethene	9.32	164	40236	5.405	ug/l	92
62) Toluene	8.76	91	121567	4.343	ug/l	98
64) Chlorobenzene	10.12	112	84646	4.669	ug/l	90
65) 1,1,1,2-Tetrachloroethane	10.20	131	34483	4.592	ug/l	98
66) Ethyl Benzene	10.24	91	139155	4.522	ug/l	98
67) m/p-Xylenes	10.34	106	97366	8.246	ug/l	97
68) o-Xylene	10.68	106	48728	4.289	ug/l	100
69) Styrene	10.70	104	80776	4.023	ug/l	96
70) Isopropylbenzene	11.00	105	136783	4.287	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	38987	4.018	ug/l	97
72) 1,2,3-Trichloropropane	11.28	75	52806	5.519	ug/l	85
73) Bromobenzene	11.24	156	38413	4.333	ug/l	98
74) n-propylbenzene	11.34	91	153706	4.222	ug/l	100
75) 2-Chlorotoluene	11.40	91	97878	4.442	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	117958	4.408	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	14962	3.972	ug/l	96
78) 4-Chlorotoluene	11.49	91	116872	4.485	ug/l	100
79) tert-butylbenzene	11.76	119	122728	4.720	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	128550	4.775	ug/l	98
81) sec-Butylbenzene	11.93	105	137157	4.566	ug/l	99
82) p-Isopropyltoluene	12.05	119	123866	4.333	ug/l	98
83) 1,3-Dichlorobenzene	12.01	146	70993	4.530	ug/l	97
84) 1,4-Dichlorobenzene	12.08	146	69980	4.405	ug/l	99
85) n-Butylbenzene	12.37	91	130615	5.251	ug/l	98
86) Hexachloroethane	12.58	117	28590	5.108	ug/l	90
87) 1,2-Dichlorobenzene	12.38	146	75107	4.932	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	11211	4.672	ug/l	94
89) 1,2,4-Trichlorobenzene	13.63	180	47920	4.428	ug/l	98
90) Hexachlorobutadiene	13.76	225	23611	5.346	ug/l	91
91) Naphthalene	13.82	128	126144	3.827	ug/l	98
92) 1,2,3-Trichlorobenzene	14.00	180	45108	4.239	ug/l	94

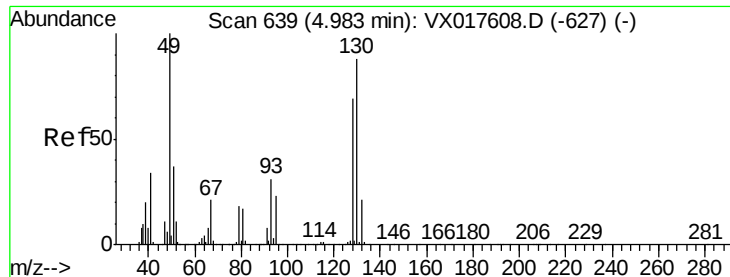
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
Data File : VX017607.D
Acq On : 27 Jul 2020 09:23
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jul 27 11:32:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 27 11:26:34 2020
Response via : Initial Calibration

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

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

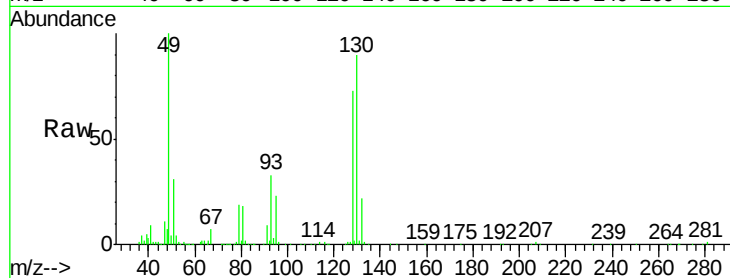
Tot Ion:128 Resp: 111533

Ion Ratio Lower Upper

128 100

49 146.2 0.0 376.0

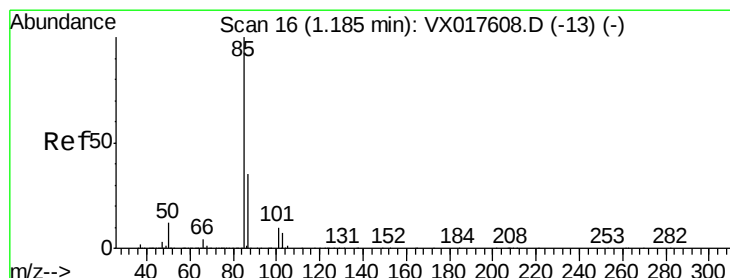
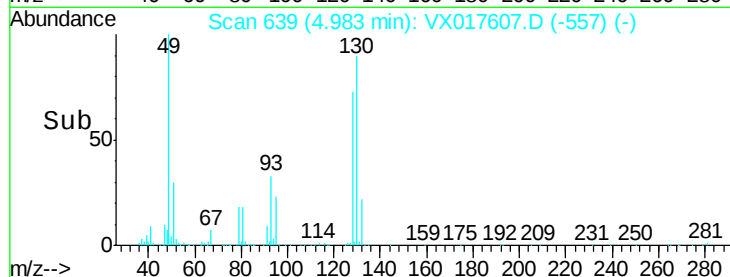
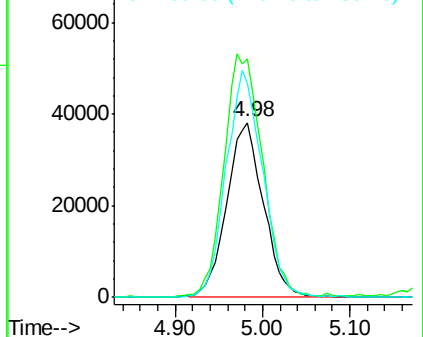
130 128.3 0.0 323.0



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: 4.968 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017607.D

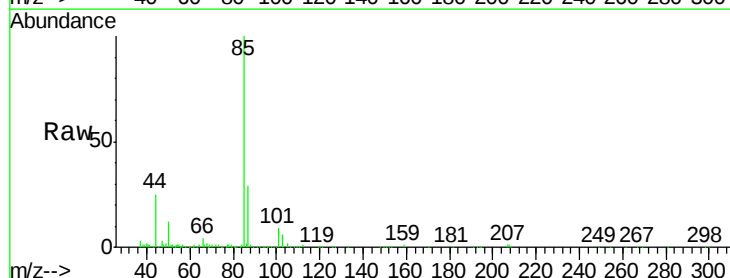
Acq: 27 Jul 2020 09:23

Tgt Ion: 85 Resp: 28526

Ion Ratio Lower Upper

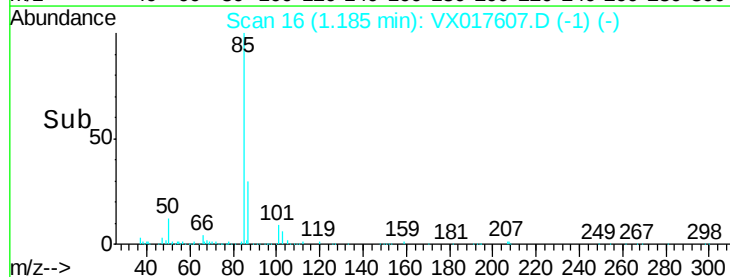
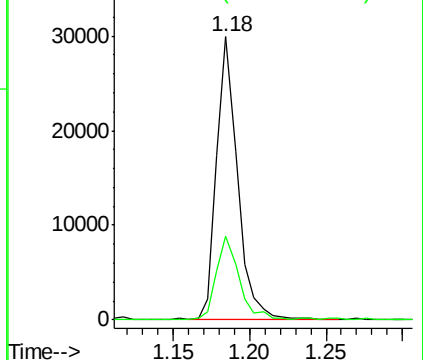
85 100

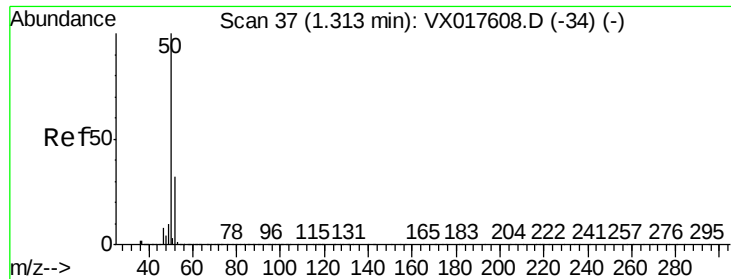
87 29.5 17.3 51.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 5.211 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

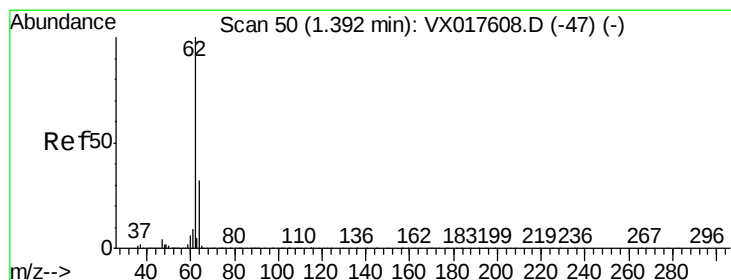
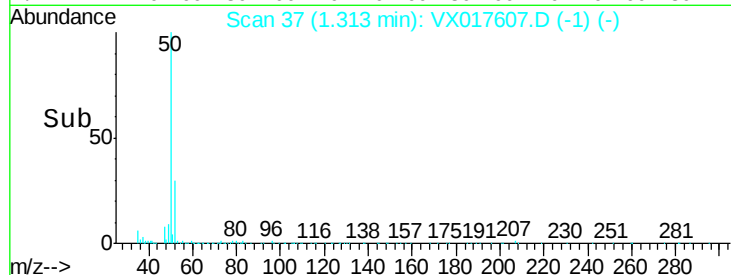
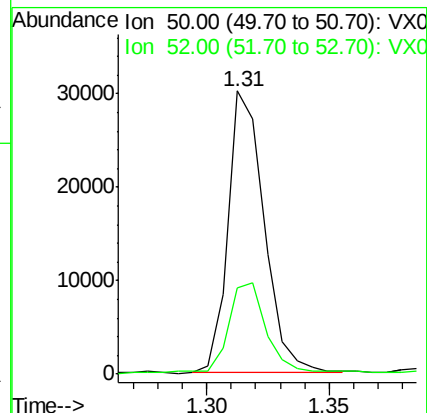
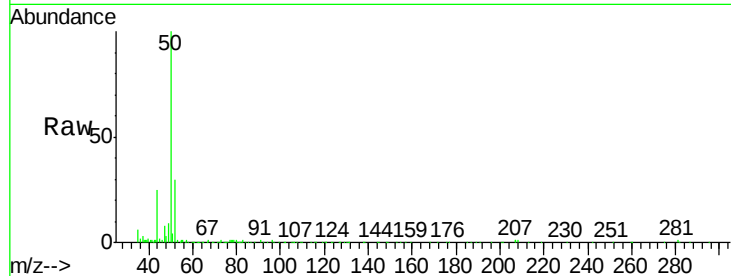
VSTDIC005

Tot Ion: 50 Resp: 30936

Ion Ratio Lower Upper

50 100

52 29.7 25.5 38.3



#4

Vinyl Chloride

Concen: 5.024 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017607.D

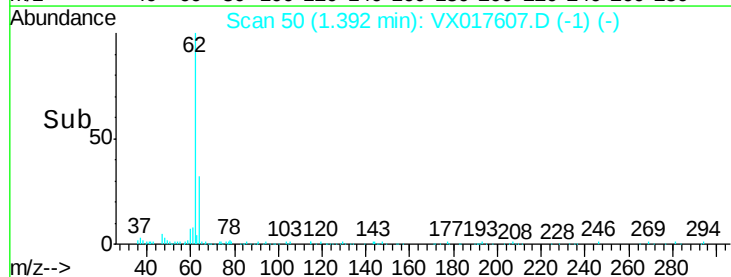
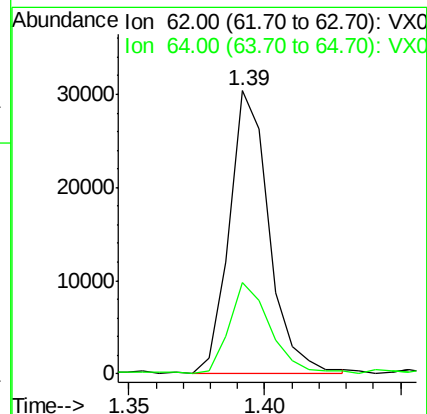
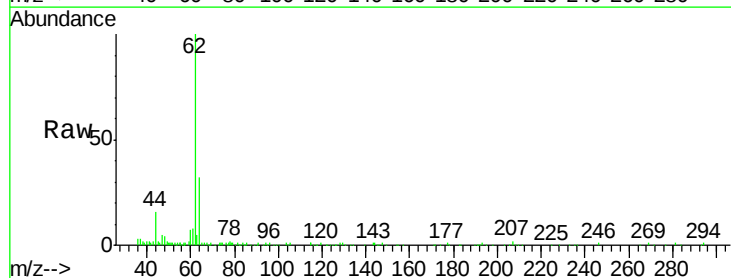
Acq: 27 Jul 2020 09:23

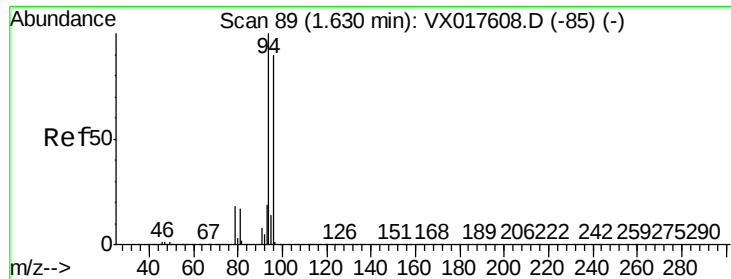
Tgt Ion: 62 Resp: 30706

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8





#5

Bromomethane

Concen: 6.147 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

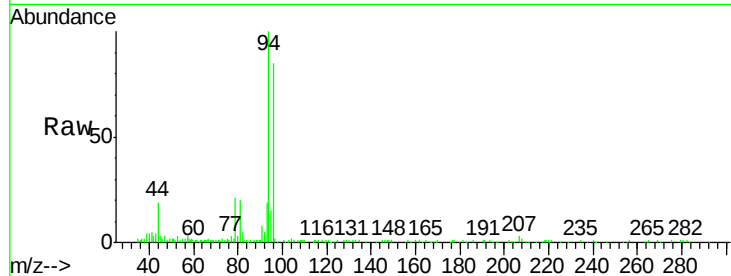
VSTDIC005

Tot Ion: 94 Resp: 24442

Ion Ratio Lower Upper

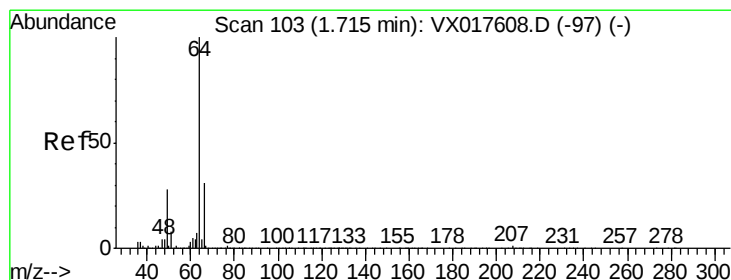
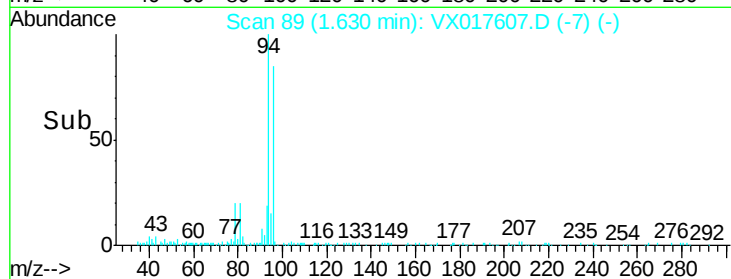
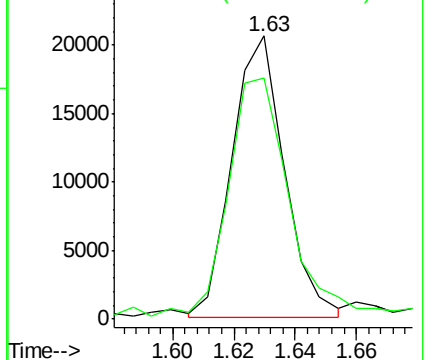
94 100

96 84.8 72.5 108.7



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 4.907 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX017607.D

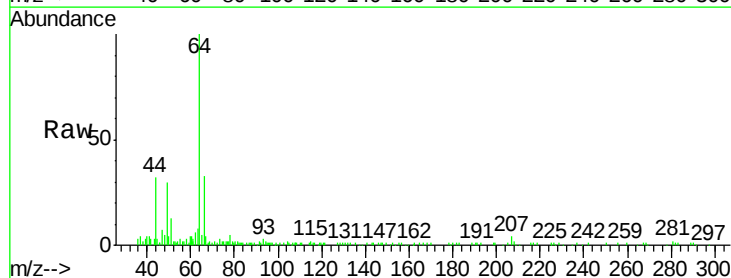
Acq: 27 Jul 2020 09:23

Tgt Ion: 64 Resp: 18871

Ion Ratio Lower Upper

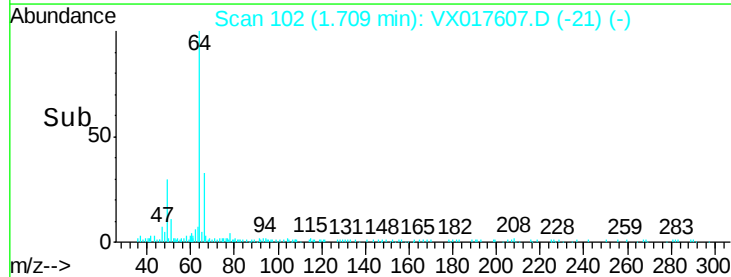
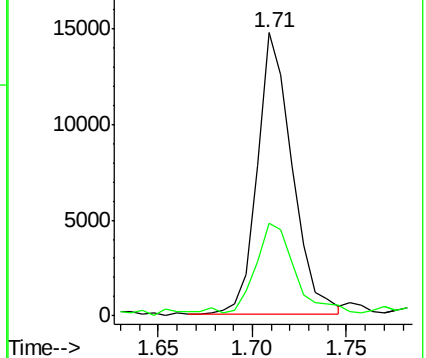
64 100

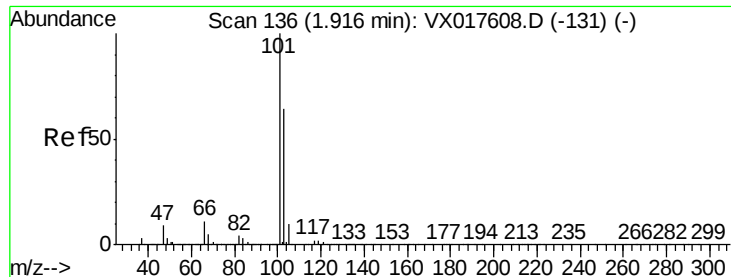
66 31.4 25.1 37.7



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



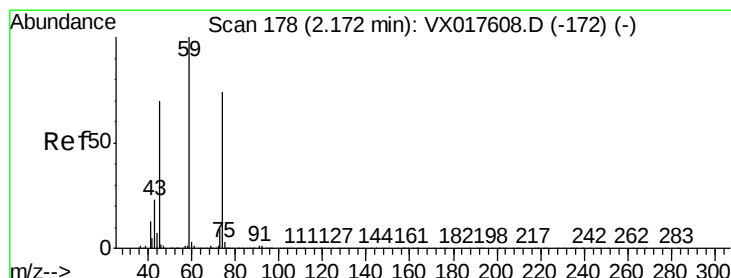
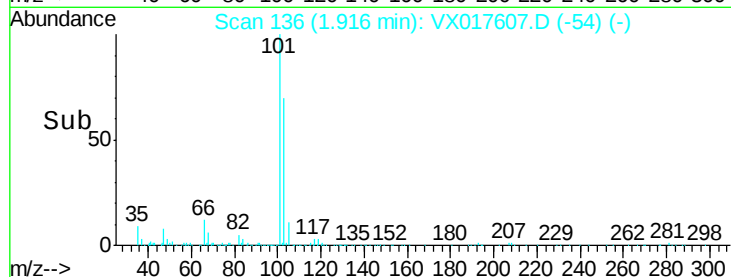
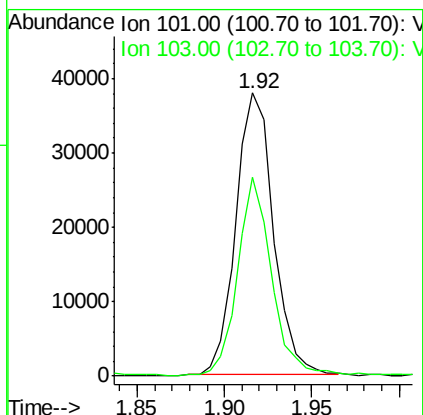
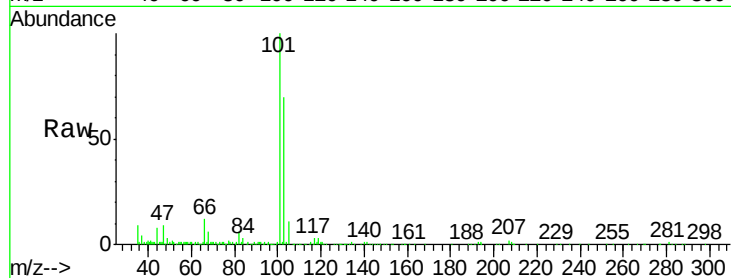


#7

Trichlorofluoromethane
 Concen: 5.503 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

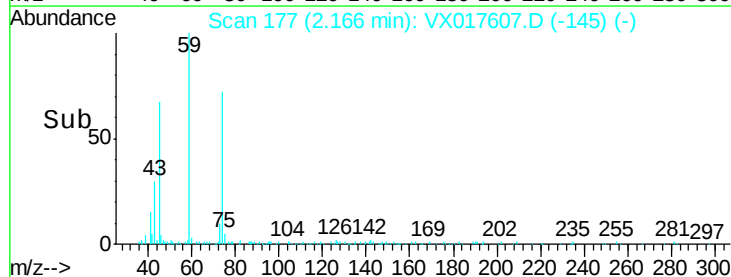
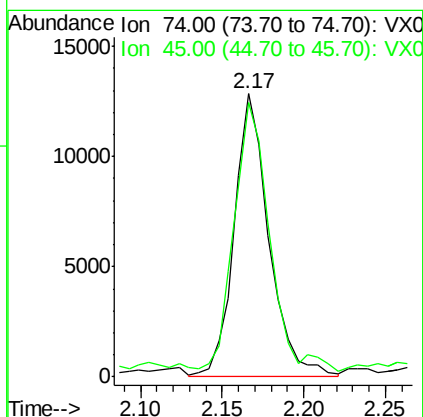
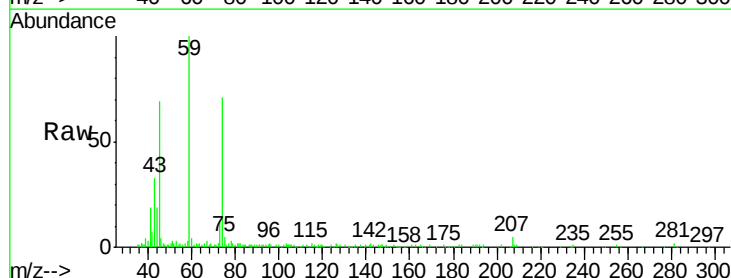
Tot Ion:101 Resp: 56649
 Ion Ratio Lower Upper
 101 100
 103 69.7 51.3 76.9

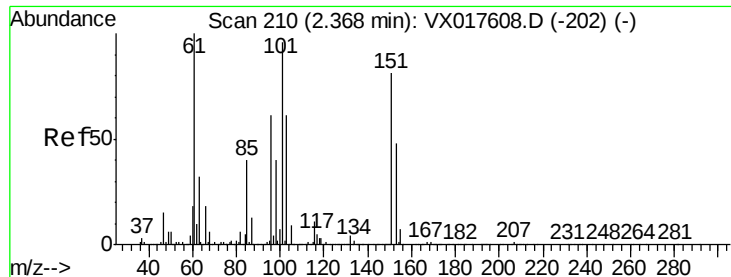


#8

Diethyl Ether
 Concen: 5.462 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Tgt Ion: 74 Resp: 18855
 Ion Ratio Lower Upper
 74 100
 45 95.0 21.1 190.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.716 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

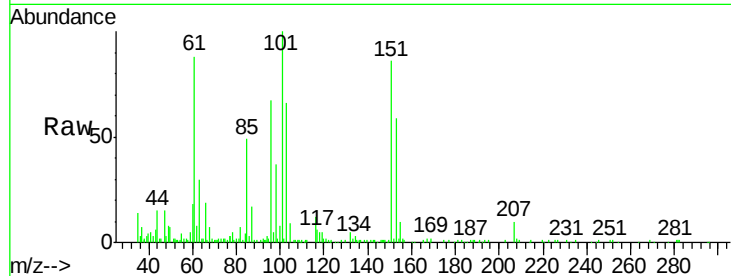
Tot Ion:101 Resp: 30609

Ion Ratio Lower Upper

101 100

85 44.1 0.0 90.6

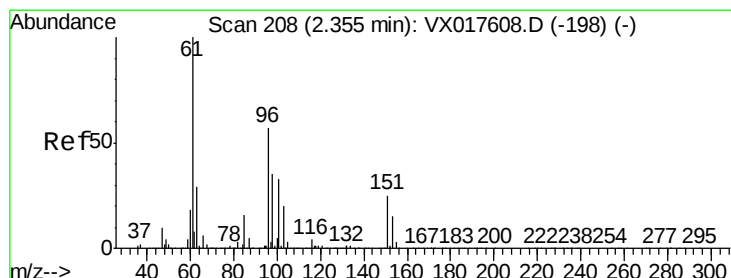
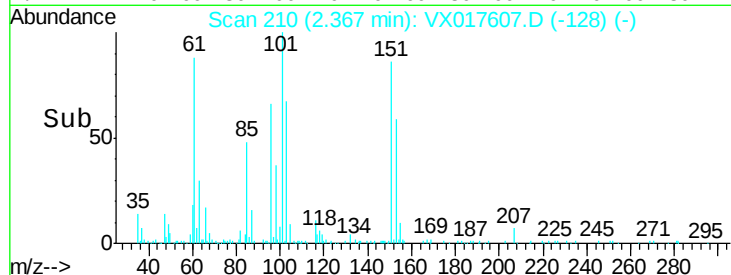
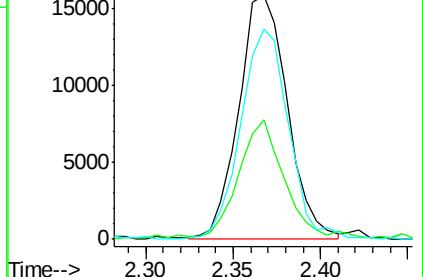
151 85.3 0.0 163.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 5.658 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

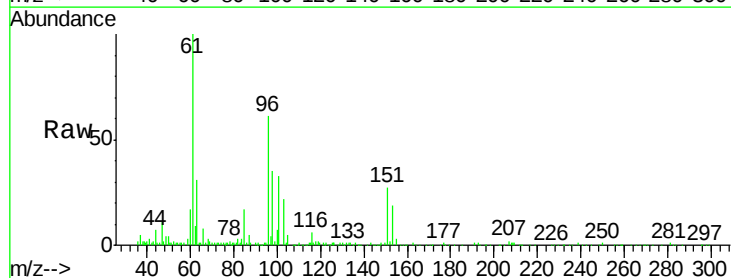
Tgt Ion: 96 Resp: 29652

Ion Ratio Lower Upper

96 100

61 163.3 141.2 211.8

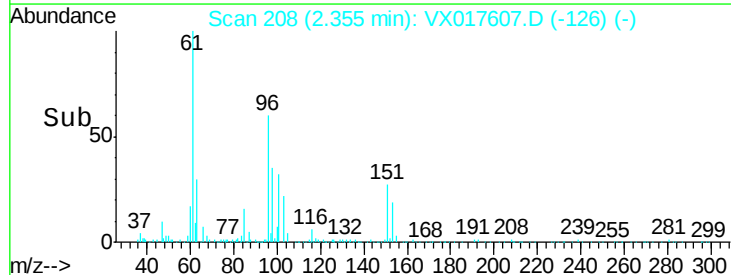
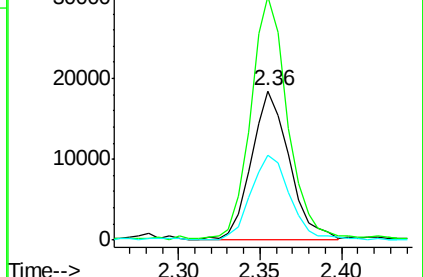
98 56.9 49.4 74.2

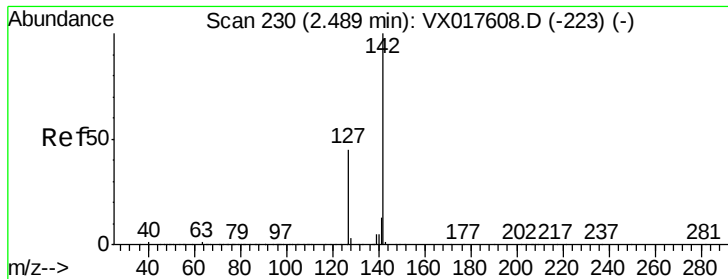


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

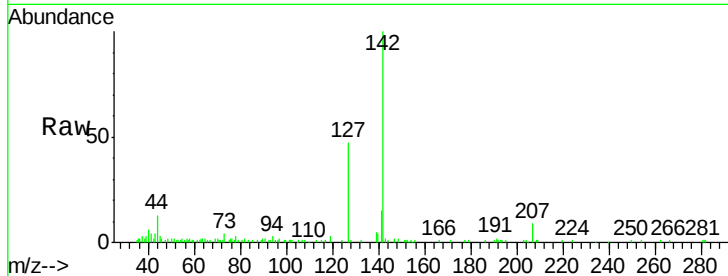




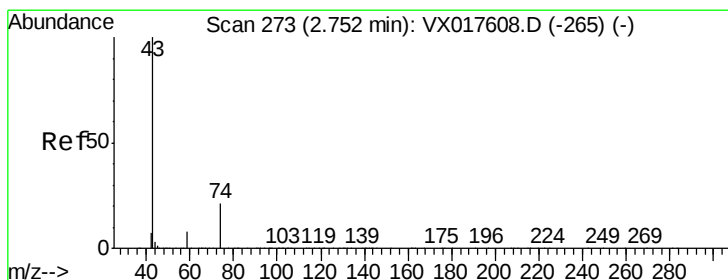
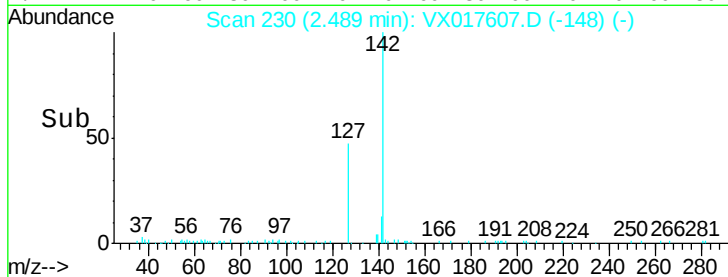
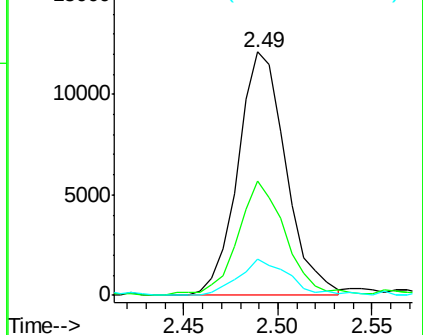
#11
Methvl Iodide
Concen: 3.391 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:142 Resp: 21402
Ion Ratio Lower Upper
142 100
127 45.5 22.4 67.0
141 15.0 6.6 19.7

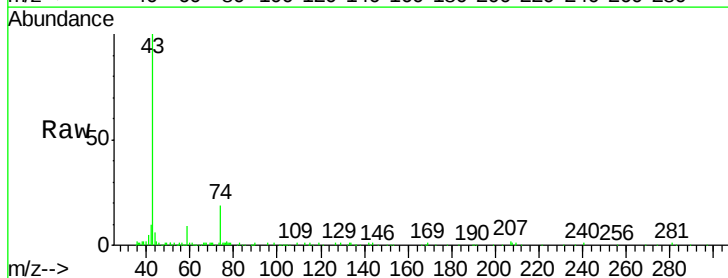


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

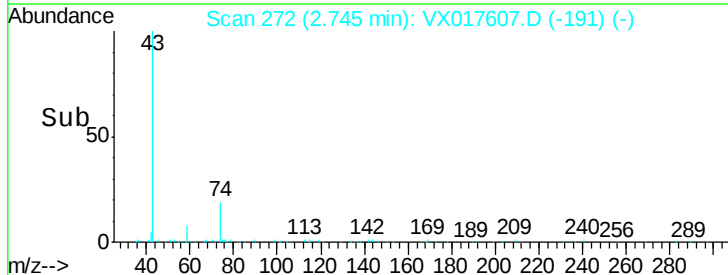
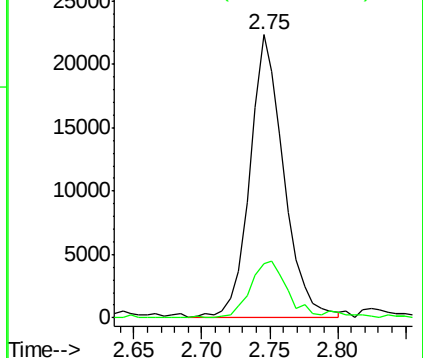


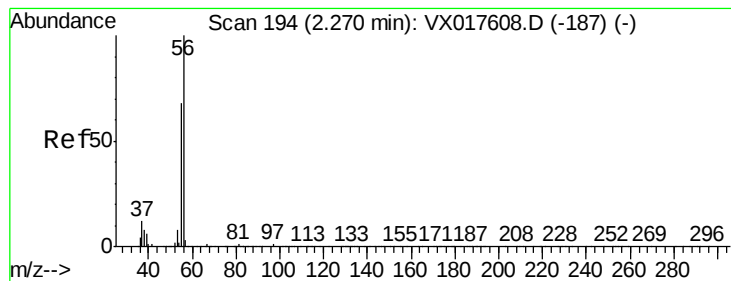
#12
Methyl Acetate
Concen: 5.269 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion: 43 Resp: 39151
Ion Ratio Lower Upper
43 100
74 18.6 17.1 25.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 31.762 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

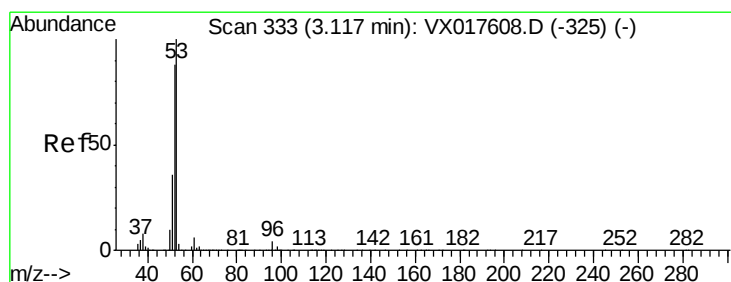
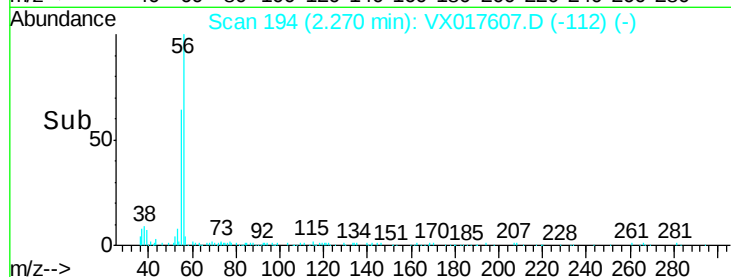
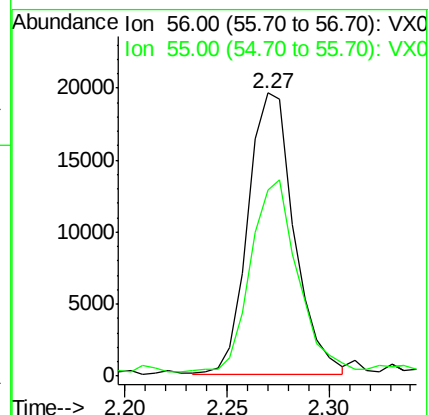
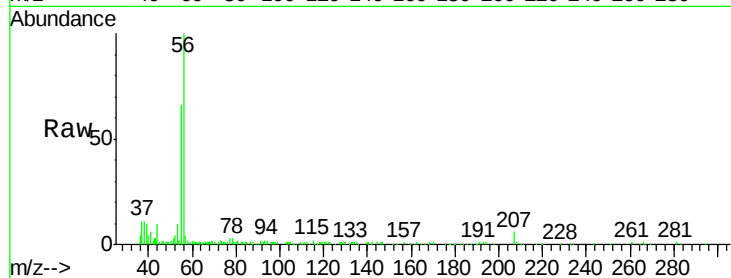
VSTDIC005

Tot Ion: 56 Resp: 30678

Ion Ratio Lower Upper

56 100

55 72.4 57.2 85.8



#14

Acrylonitrile

Concen: 22.135 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

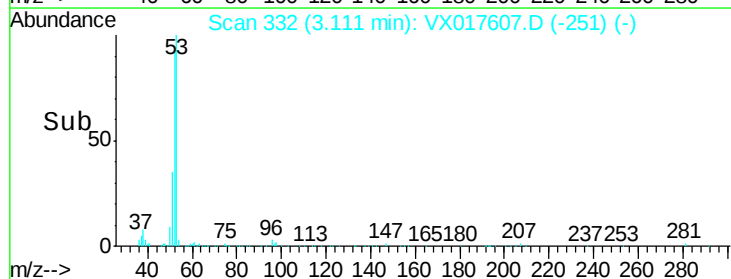
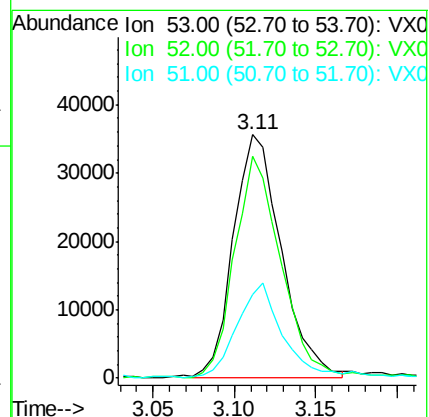
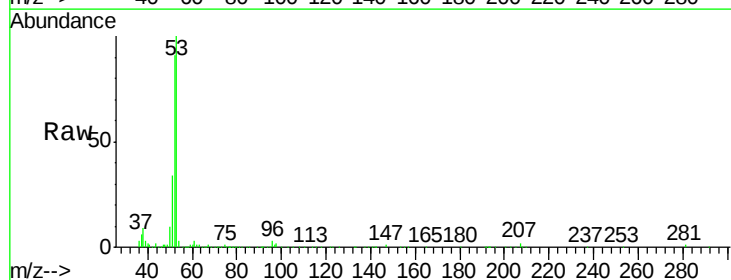
Tgt Ion: 53 Resp: 72868

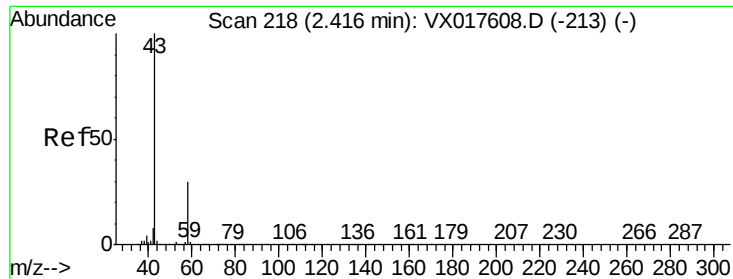
Ion Ratio Lower Upper

53 100

52 87.8 41.4 124.4

51 36.1 18.4 55.2





#15

Acetone

Concen: 26.135 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

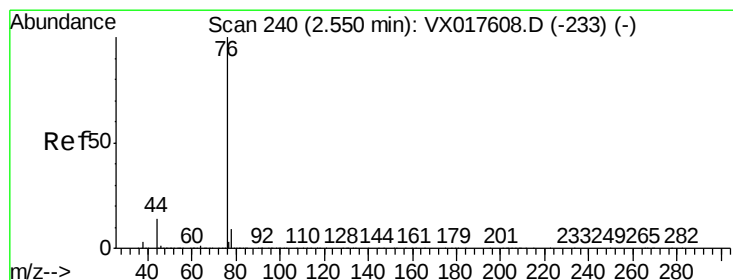
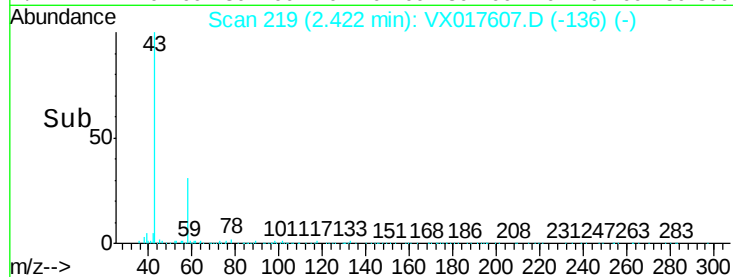
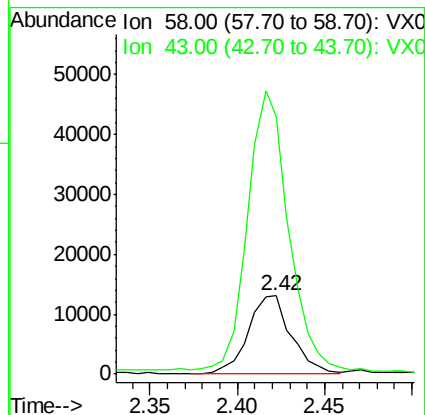
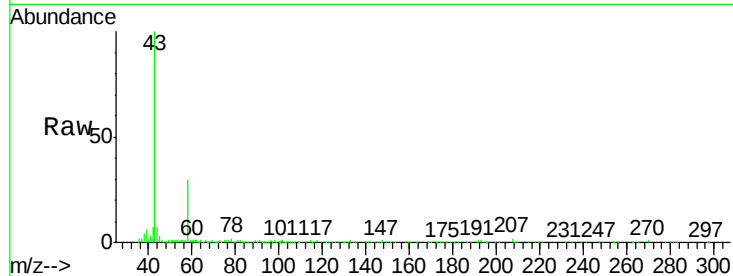
VSTDIC005

Tot Ion: 58 Resp: 22239

Ion Ratio Lower Upper

58 100

43 327.1 268.6 402.8



#16

Carbon Disulfide

Concen: 4.526 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017607.D

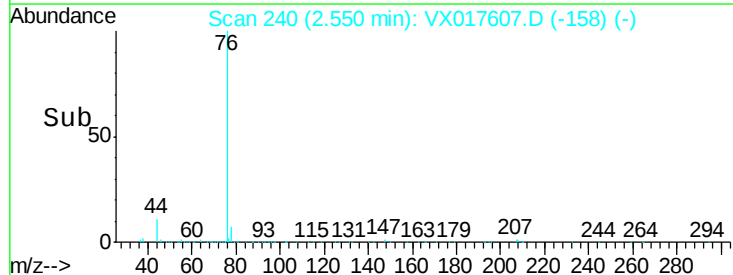
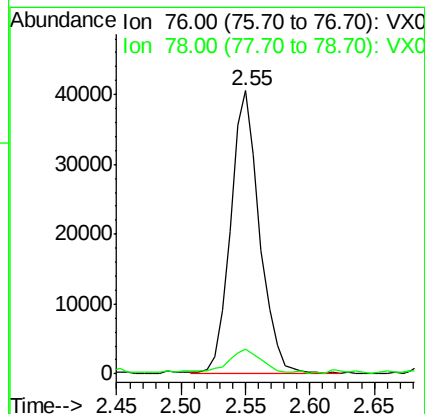
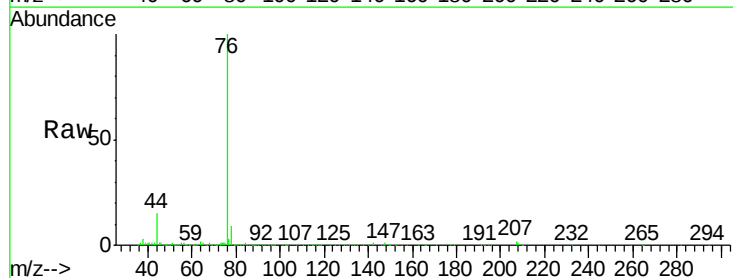
Acq: 27 Jul 2020 09:23

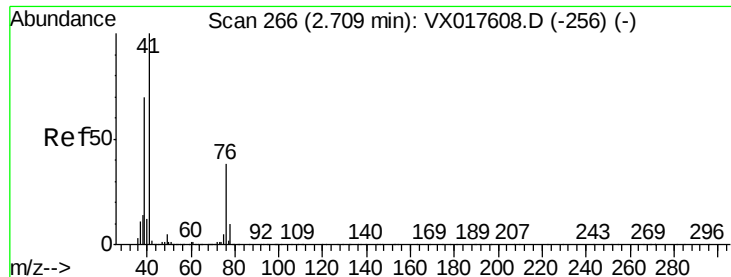
Tgt Ion: 76 Resp: 63726

Ion Ratio Lower Upper

76 100

78 8.1 7.5 11.3

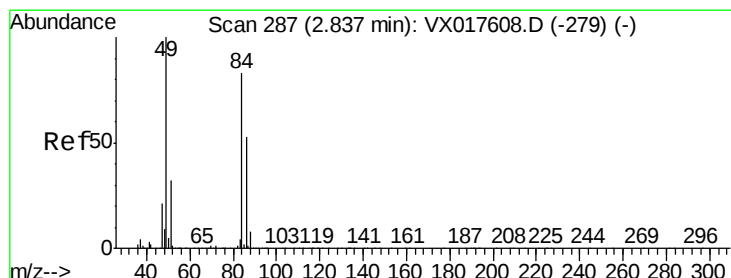
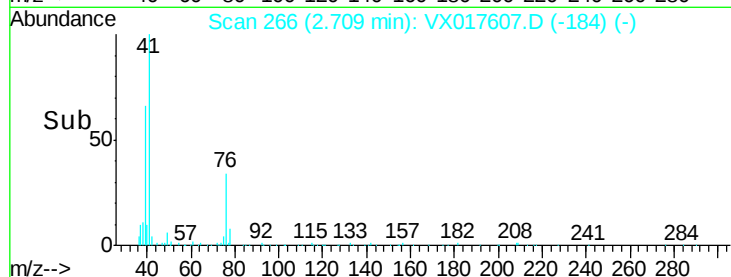
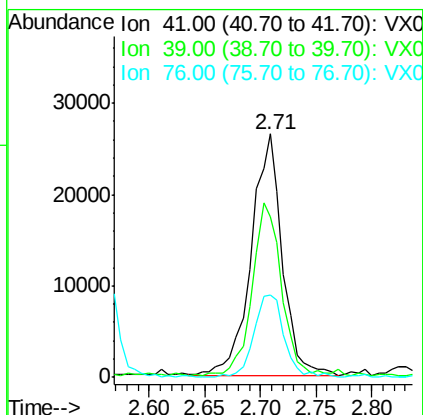
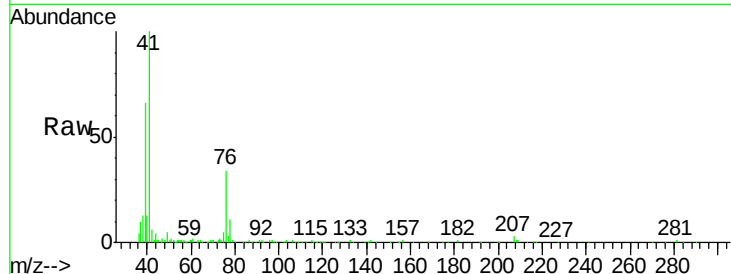




#17
Allvl chloride
Concen: 5.221 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

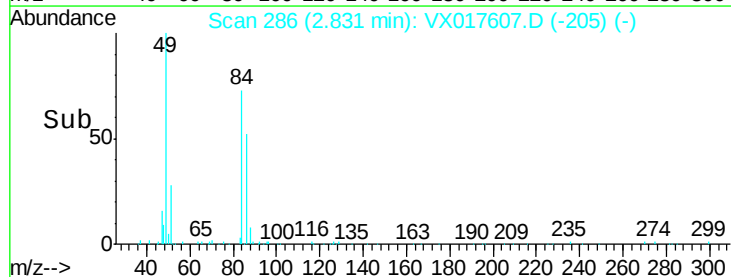
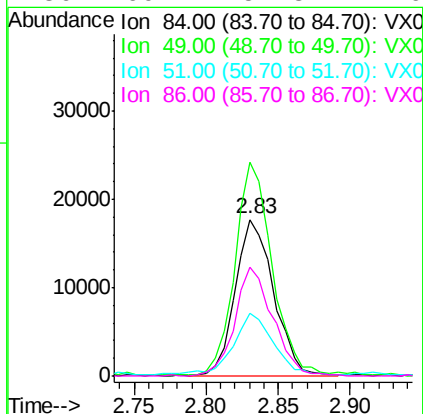
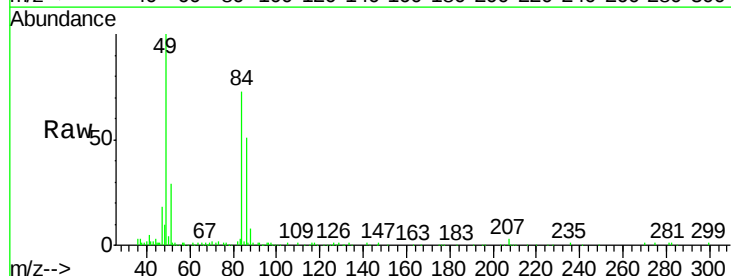
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

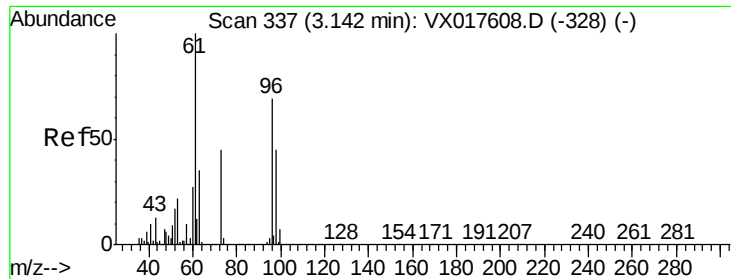
Tot Ion: 41 Resp: 51218
Ion Ratio Lower Upper
41 100
39 65.5 34.8 104.5
76 33.7 19.1 57.3



#18
Methylene Chloride
Concen: 5.138 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion: 84 Resp: 32972
Ion Ratio Lower Upper
84 100
49 135.6 96.7 145.1
51 38.7 31.0 46.4
86 69.7 51.8 77.6

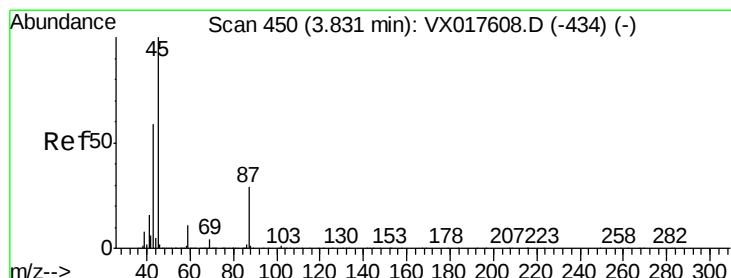
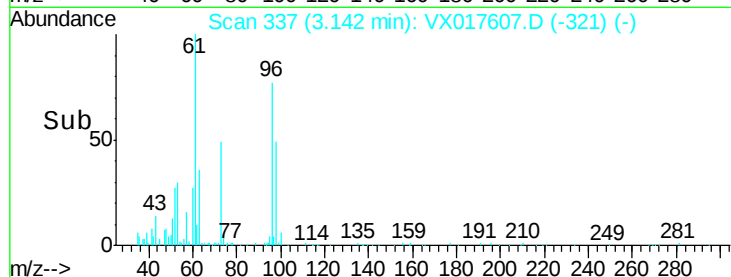
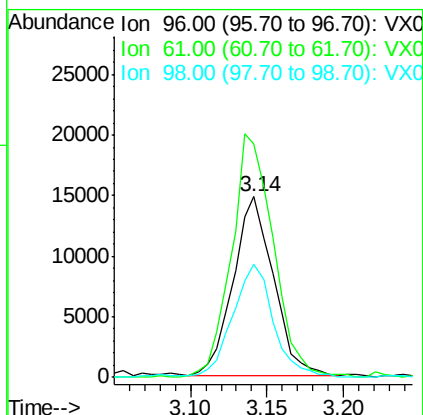
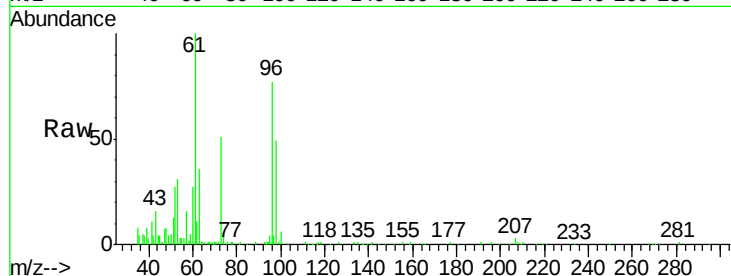




#19
trans-1,2-Dichloroethene
Concen: 4.571 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

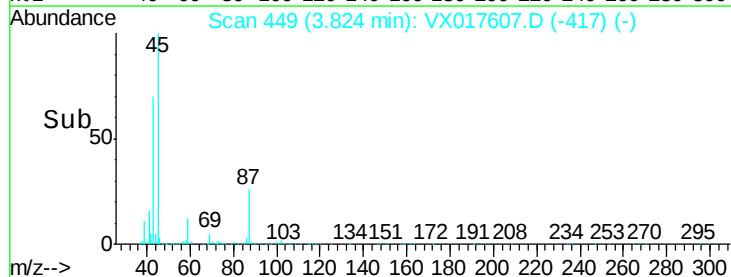
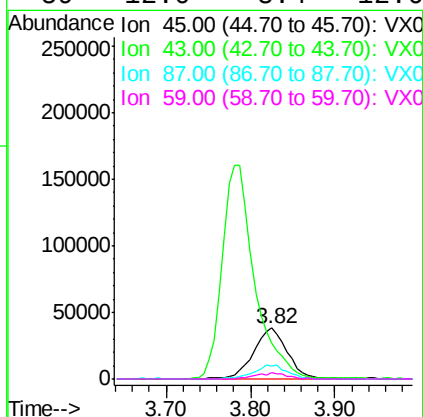
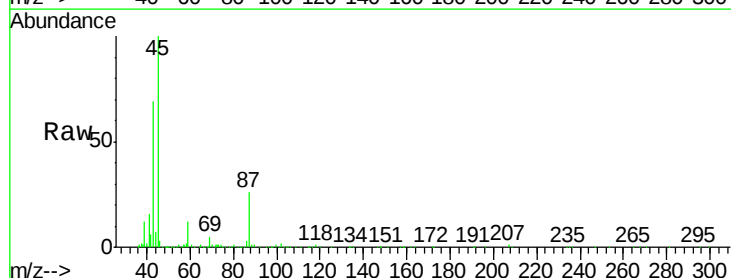
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

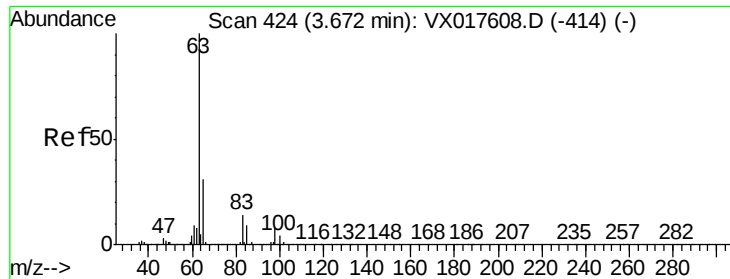
Tot Ion: 96 Resp: 27353
Ion Ratio Lower Upper
96 100
61 129.2 115.0 172.6
98 63.0 51.6 77.4



#20
Diisopropyl ether
Concen: 5.325 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion: 45 Resp: 103876
Ion Ratio Lower Upper
45 100
43 69.7 47.4 71.0
87 25.4 23.3 34.9
59 12.0 8.4 12.6

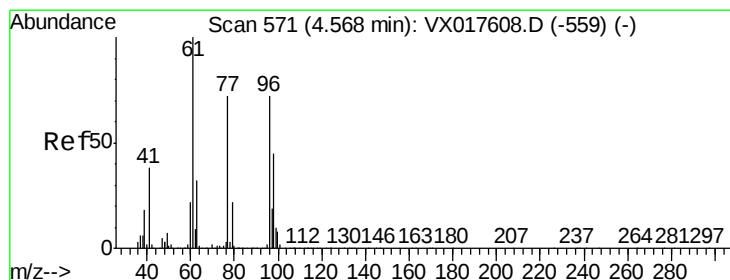
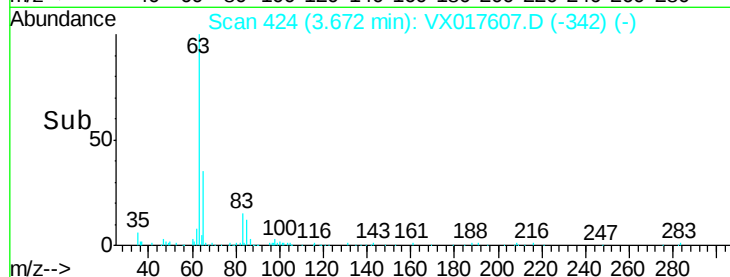
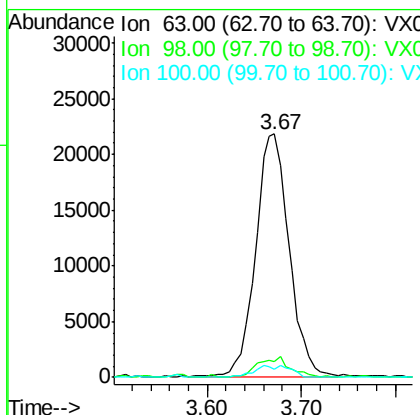
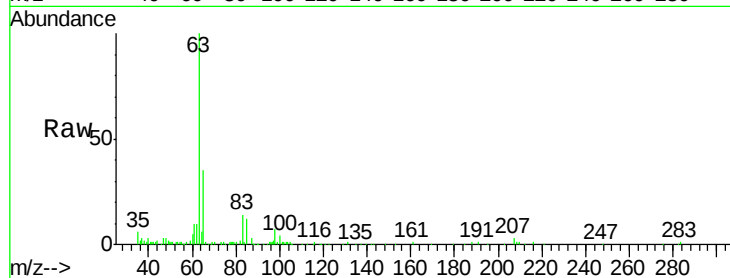




#21
 1,1-Dichloroethane
 Concen: 5.011 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

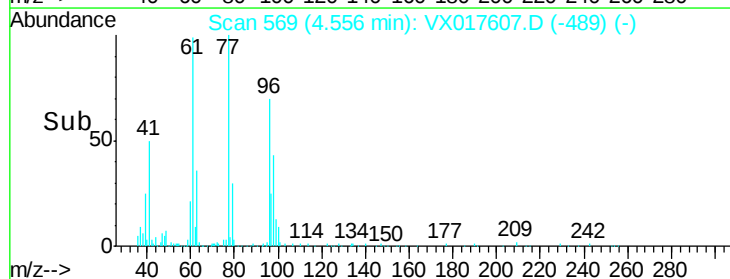
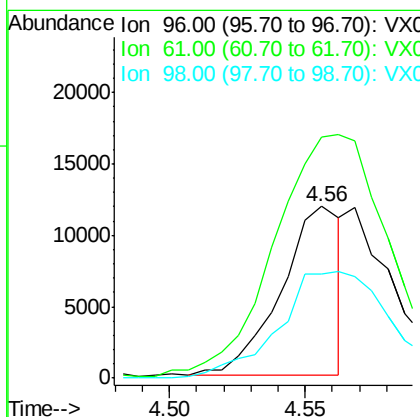
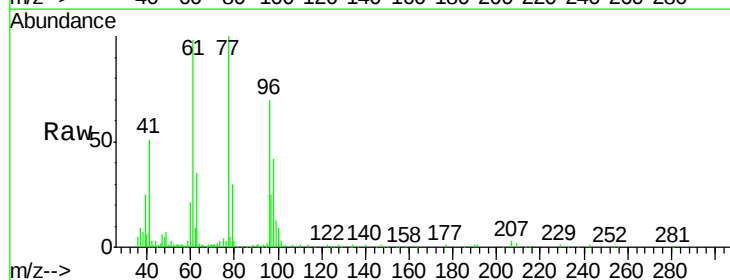
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

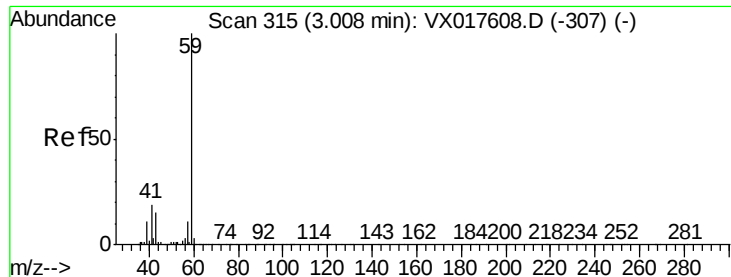
Tot Ion:	63	Resp:	54205
Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.9	11.7
100	3.5	1.9	5.7



#22
 cis-1,2-Dichloroethene
 Concen: 2.626 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Tgt Ion:	96	Resp:	18133
Ion	Ratio	Lower	Upper
96	100		
61	278.0	121.1	181.7#
98	52.6	51.4	77.2





#23

tert-Butyl Alcohol

Concen: 25.929 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

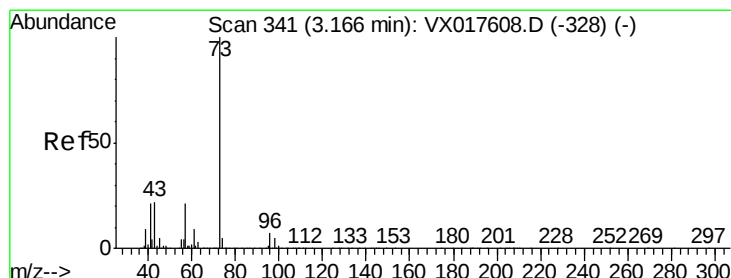
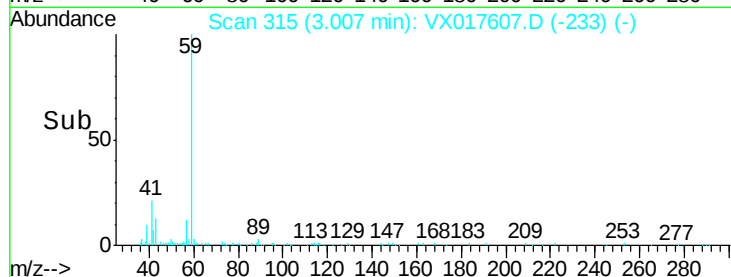
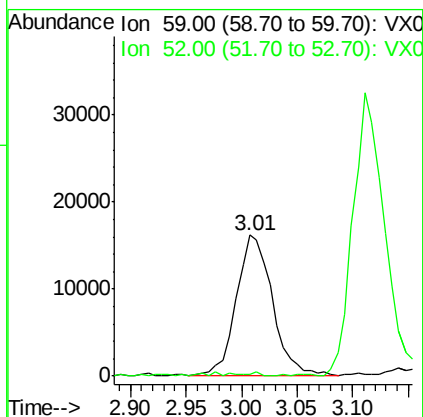
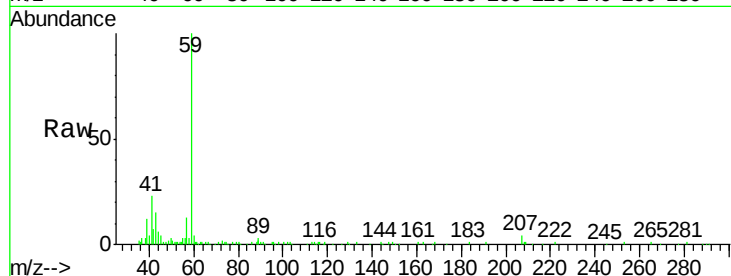
VSTDIC005

Tot Ion: 59 Resp: 36500

Ion Ratio Lower Upper

59 100

52 0.6 0.2 0.4#



#24

Methyl tert-Butyl Ether

Concen: 4.713 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX017607.D

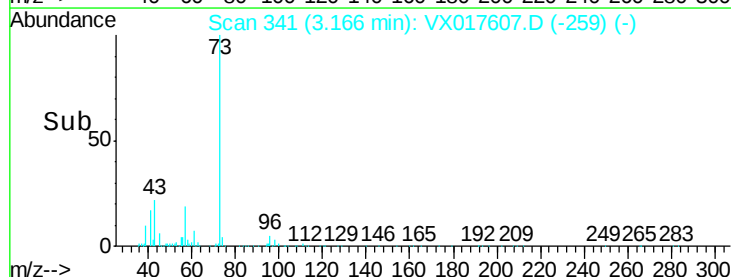
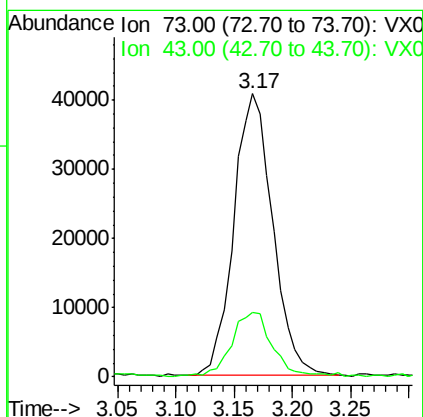
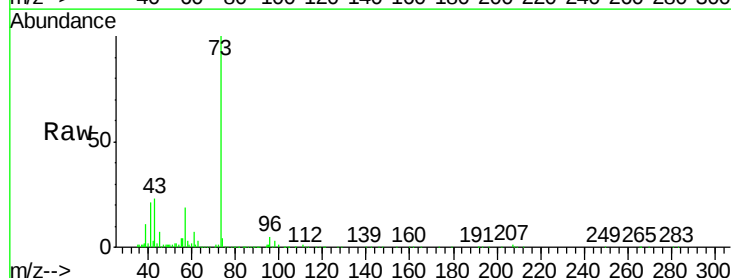
Acq: 27 Jul 2020 09:23

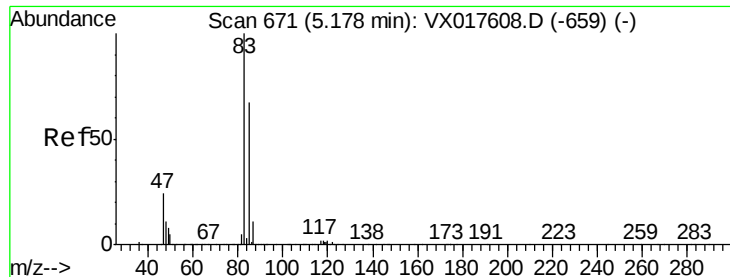
Tgt Ion: 73 Resp: 95216

Ion Ratio Lower Upper

73 100

43 24.0 18.1 27.1





#25

Chloroform

Concen: 4.989 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

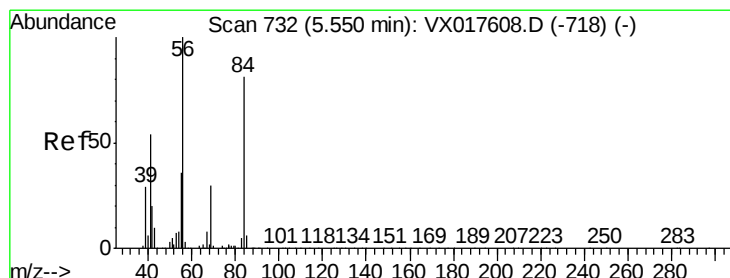
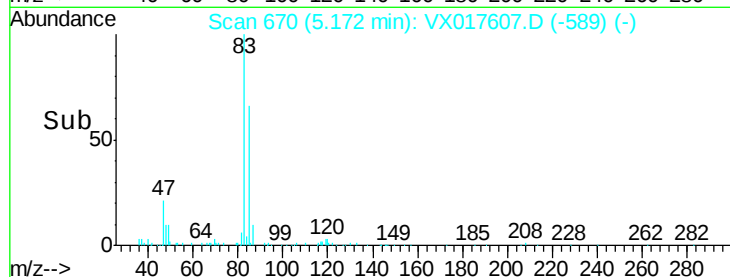
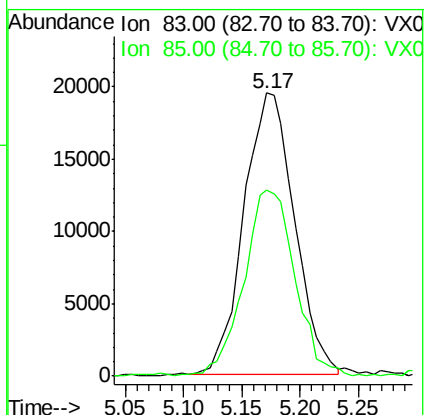
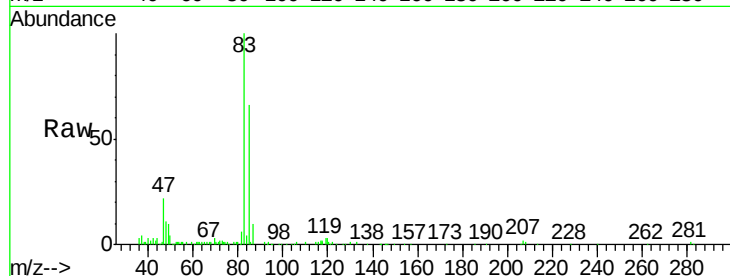
VSTDIC005

Tot Ion: 83 Resp: 58421

Ion Ratio Lower Upper

83 100

85 65.3 53.7 80.5



#26

Cyclohexane

Concen: 4.516 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

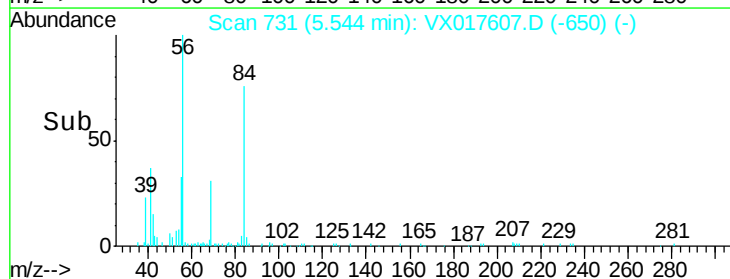
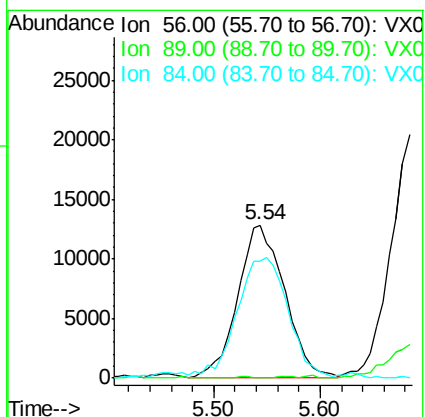
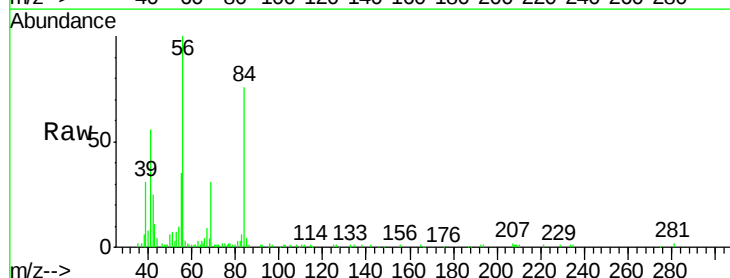
Tgt Ion: 56 Resp: 39085

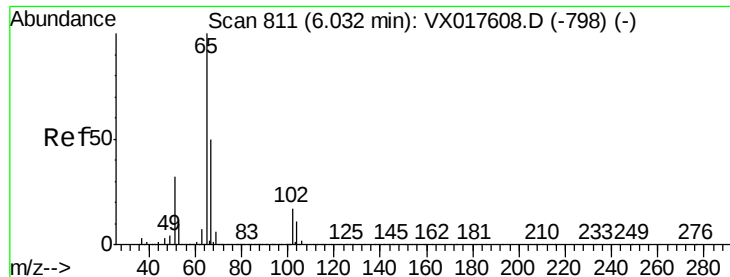
Ion Ratio Lower Upper

56 100

89 0.3 0.0 0.0#

84 86.8 69.3 103.9





#27

1,2-Dichloroethane-d4

Concen: 33.293 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

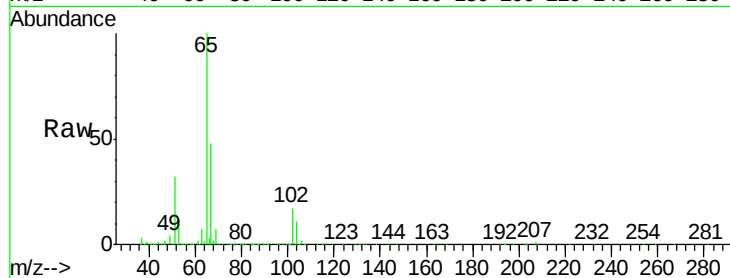
VSTDIC005

Tot Ion: 65 Resp: 268146

Ion Ratio Lower Upper

65 100

67 50.3 40.6 61.0



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.03

120000

100000

80000

60000

40000

20000

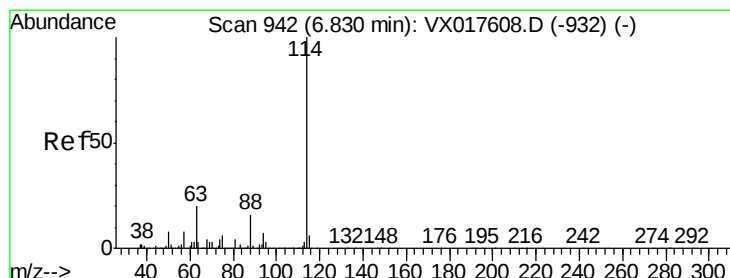
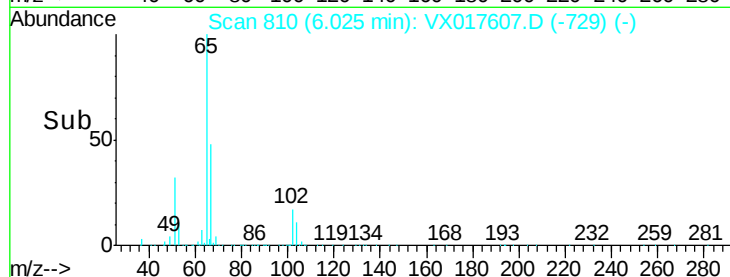
0

Time-->

5.90

6.00

6.10



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

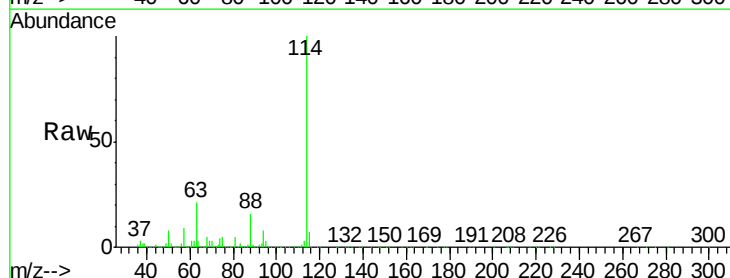
Tgt Ion: 114 Resp: 624122

Ion Ratio Lower Upper

114 100

63 20.6 16.3 24.5

88 16.0 12.6 18.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

300000

200000

100000

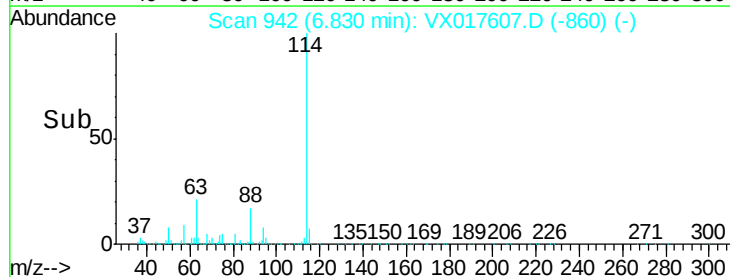
0

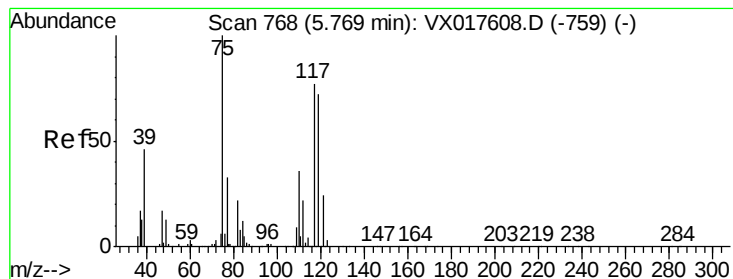
Time-->

6.70

6.80

6.90





#29

1,1-Dichloropropene

Concen: 4.833 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

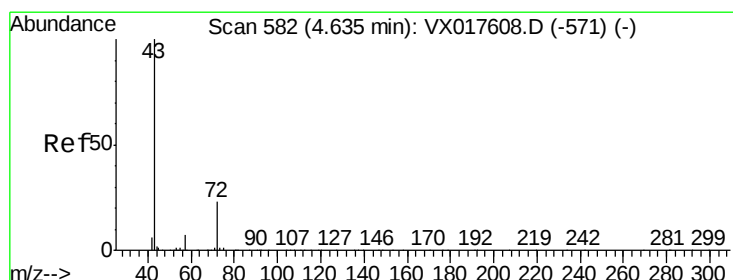
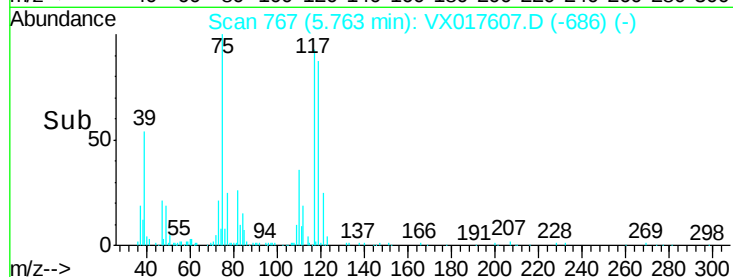
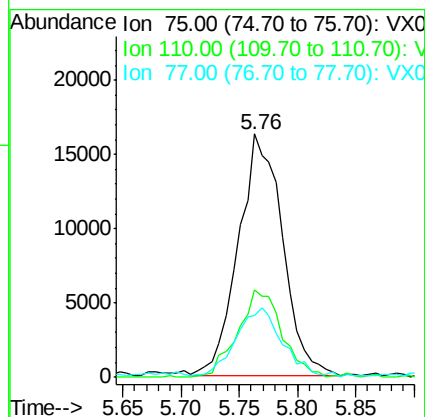
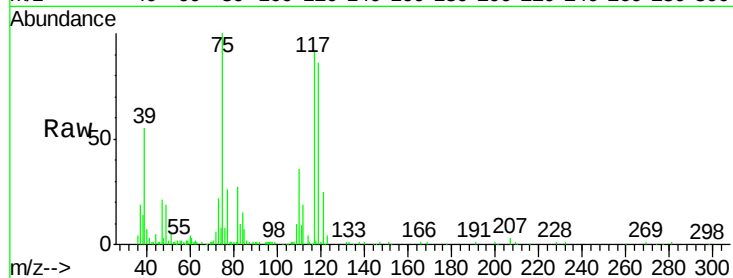
Tot Ion: 75 Resp: 42830

Ion Ratio Lower Upper

75 100

110 36.4 0.0 75.4

77 27.8 0.0 63.2



#30

2-Butanone

Concen: 22.657 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

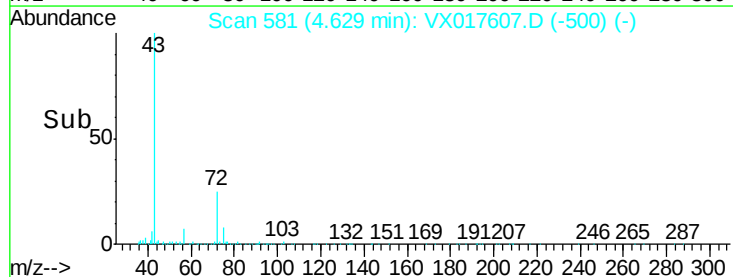
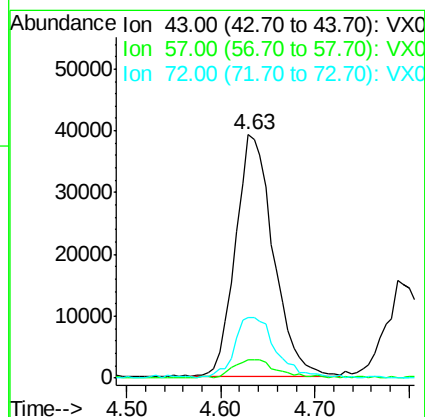
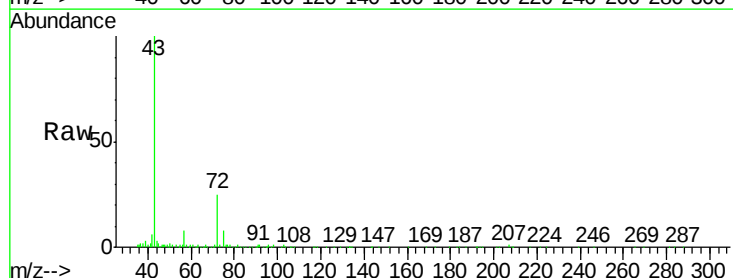
Tgt Ion: 43 Resp: 110308

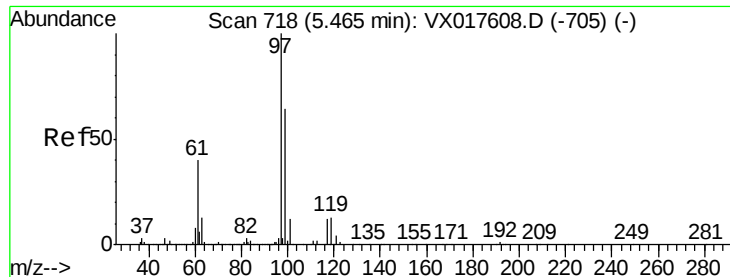
Ion Ratio Lower Upper

43 100

57 8.2 6.5 9.7

72 26.1 19.8 29.6





#32

1,1,1-Trichloroethane

Concen: 4.752 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

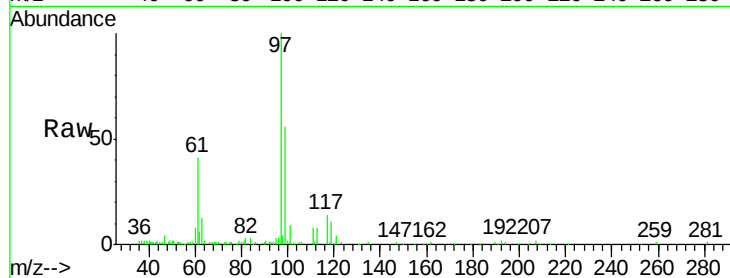
Tot Ion: 97 Resp: 55145

Ion Ratio Lower Upper

97 100

99 64.0 50.6 75.8

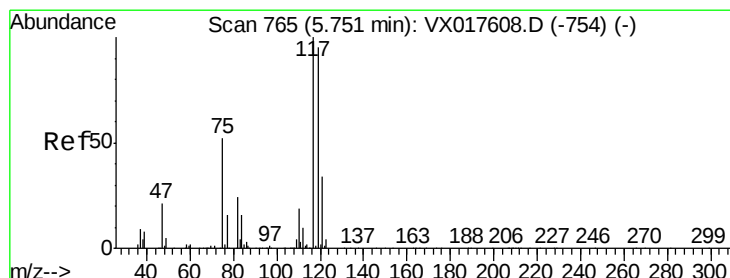
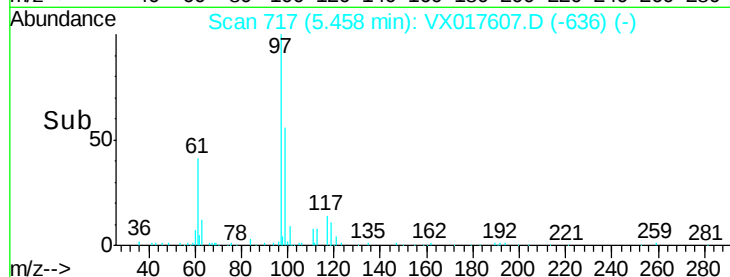
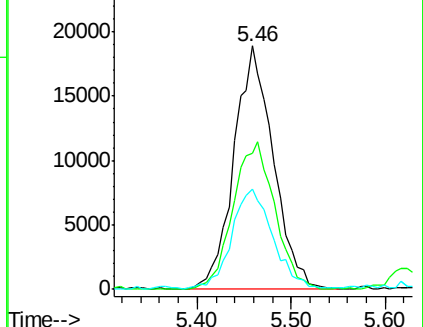
61 42.0 32.6 48.8



Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#33

Carbon Tetrachloride

Concen: 4.895 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

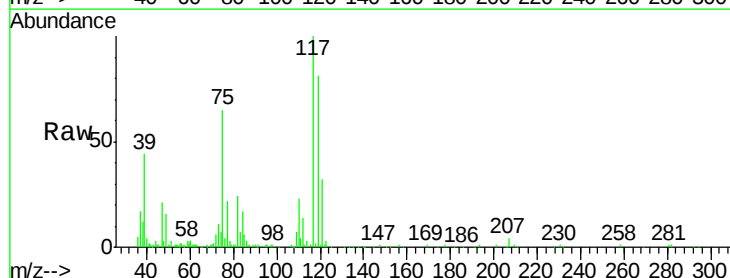
Tgt Ion: 117 Resp: 52720

Ion Ratio Lower Upper

117 100

119 80.7 76.2 114.2

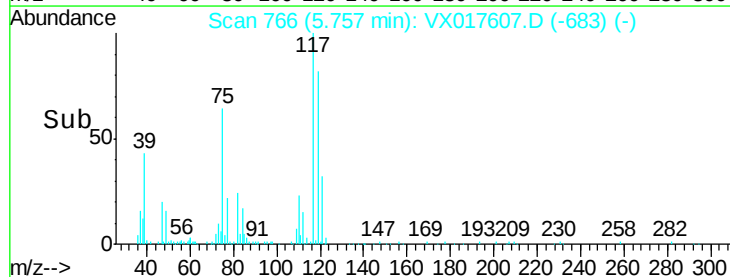
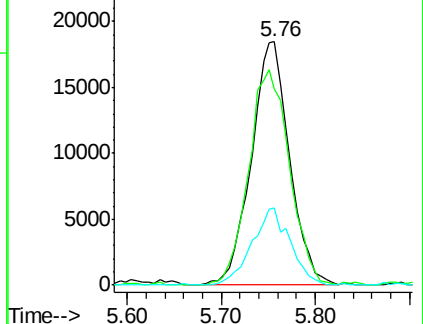
121 31.9 26.8 40.2

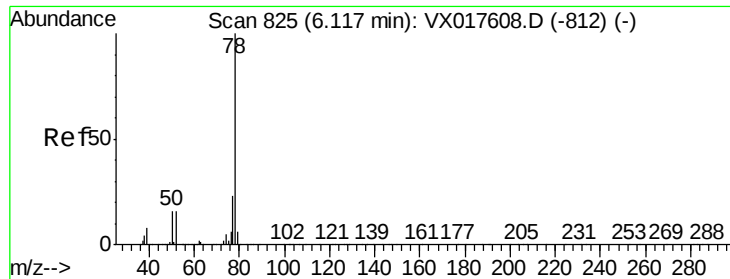


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V





#34

Benzene

Concen: 4.389 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

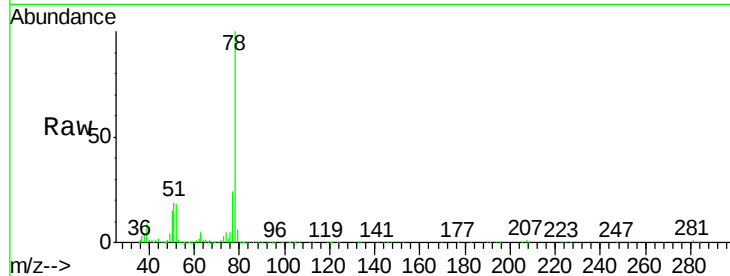
Tot Ion: 78 Resp: 113474

Ion Ratio Lower Upper

78 100

77 24.4 18.3 27.5

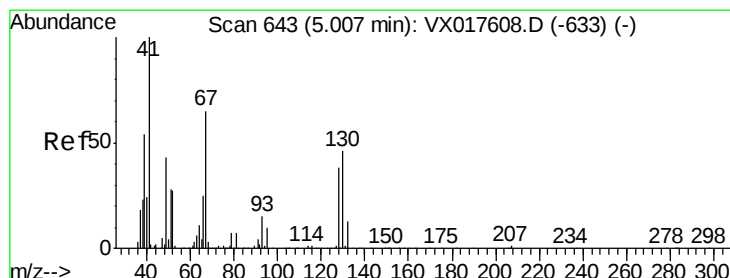
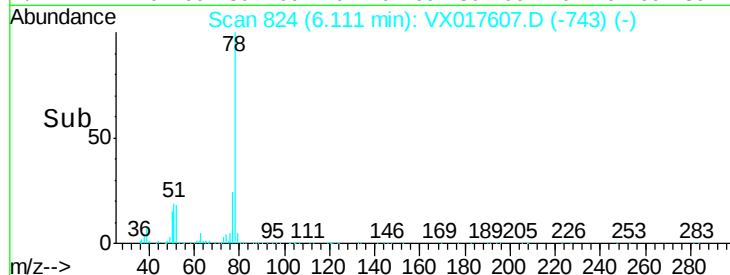
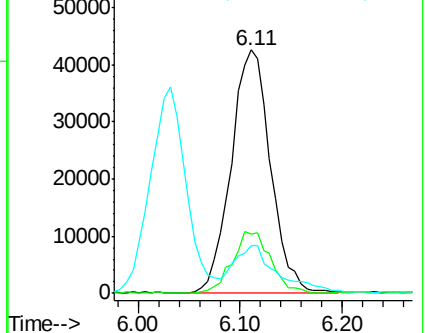
51 18.1 12.3 18.5



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: 4.257 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Tgt Ion: 41 Resp: 23349

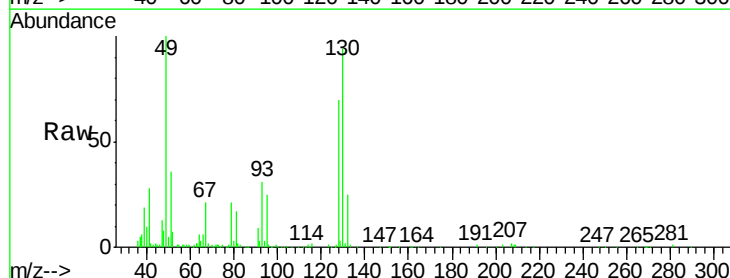
Ion Ratio Lower Upper

41 100

39 64.3 27.0 81.0

67 75.6 32.4 97.0

52 22.8 13.3 39.8

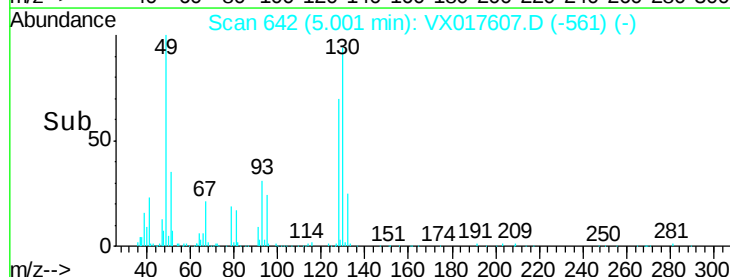
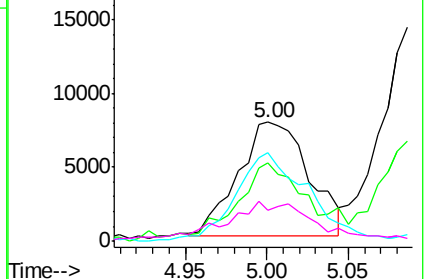


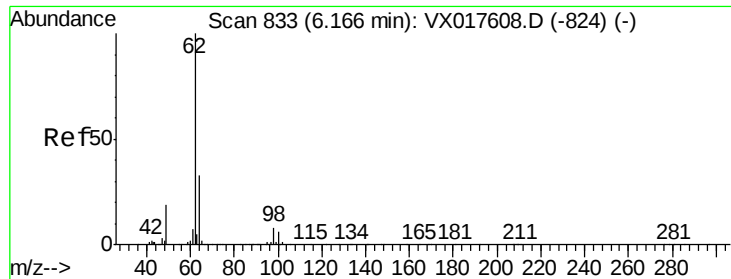
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

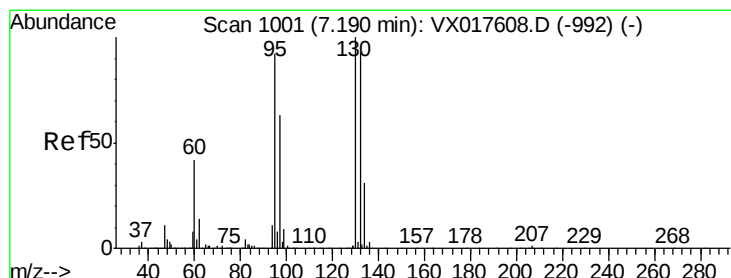
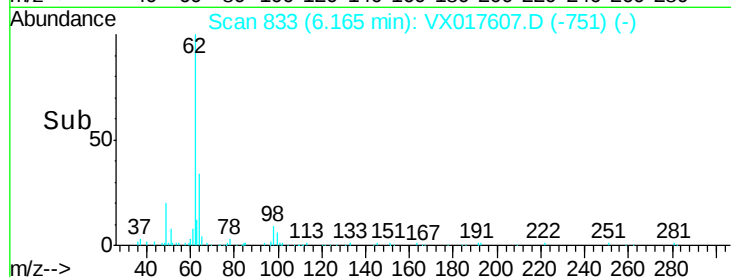
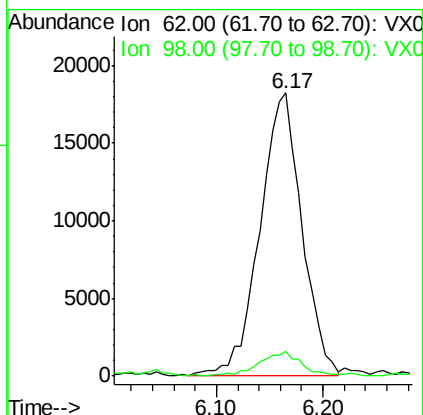
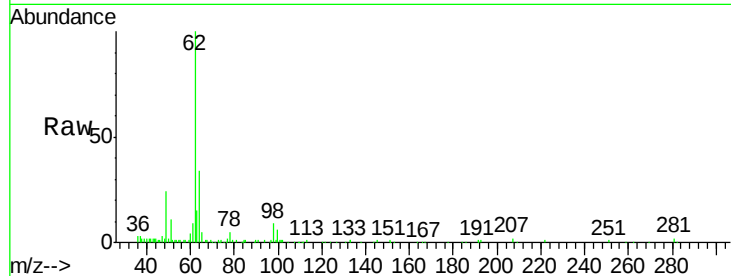




#36
 1,2-Dichloroethane
 Concen: 4.797 ug/l
 RT: 6.17 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

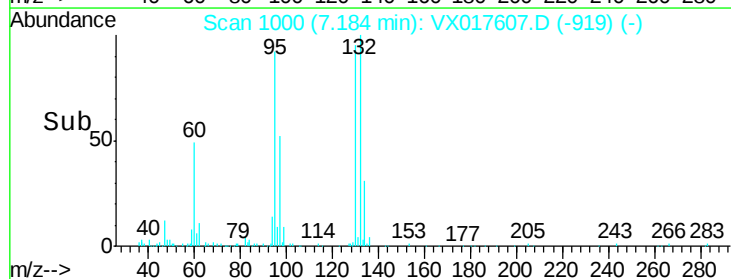
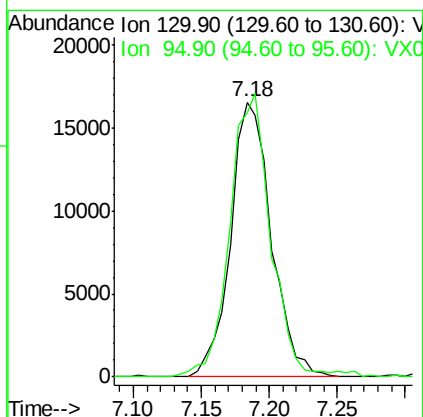
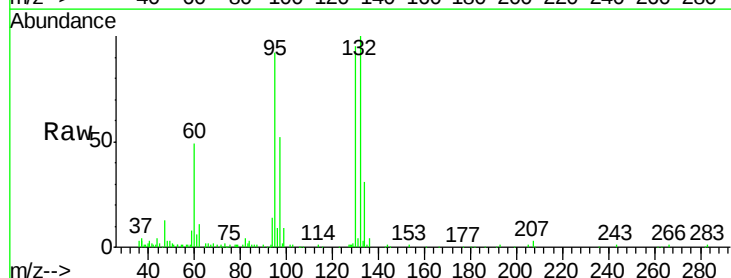
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

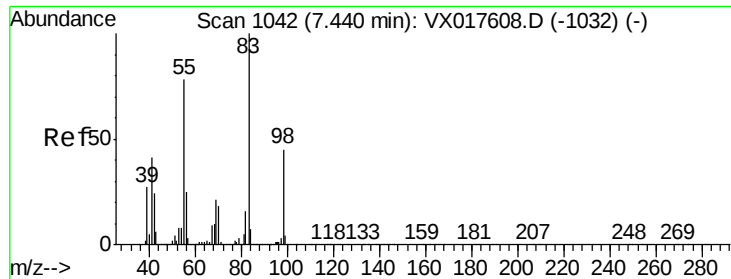
Tot Ion: 62 Resp: 49724
 Ion Ratio Lower Upper
 62 100
 98 8.9 6.6 10.0



#37
 Trichloroethene
 Concen: 4.325 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Tgt Ion:130 Resp: 34489
 Ion Ratio Lower Upper
 130 100
 95 94.2 73.9 110.9

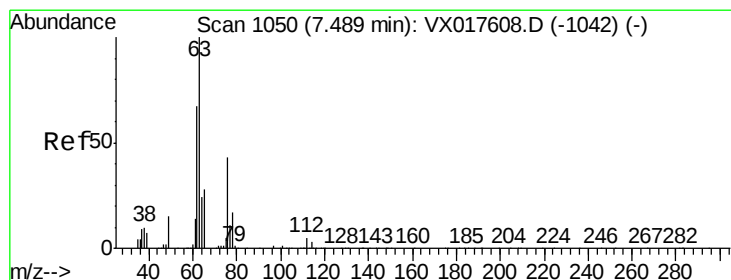
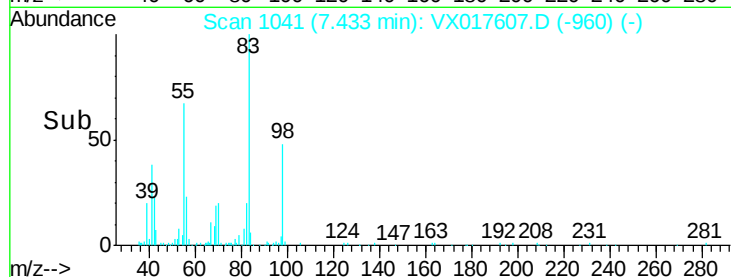
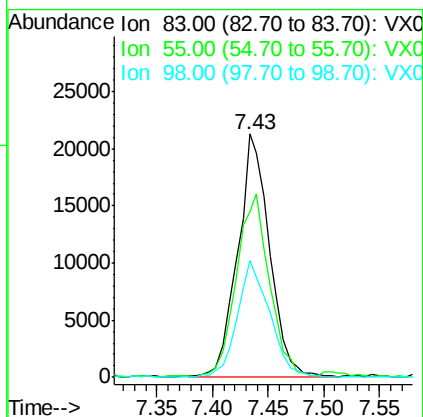
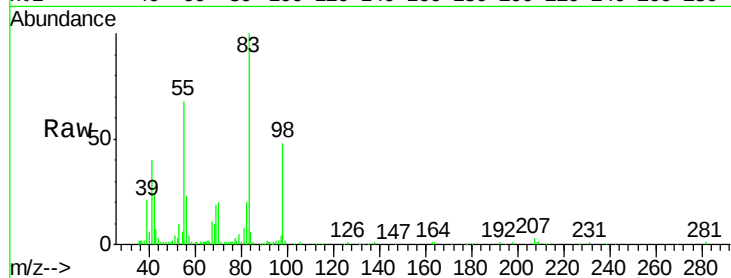




#38
Methvlcvclohexane
Concen: 4.475 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

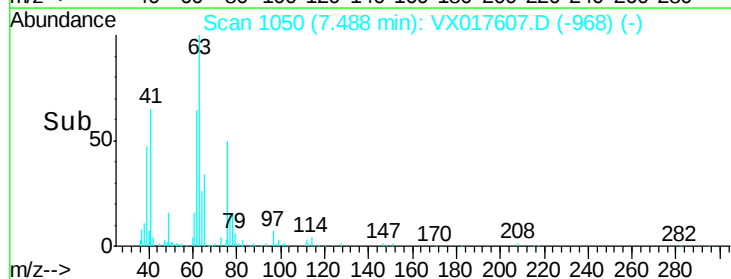
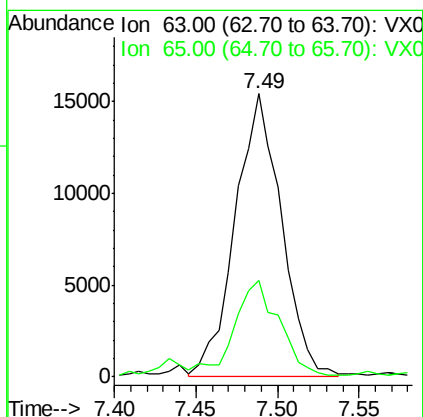
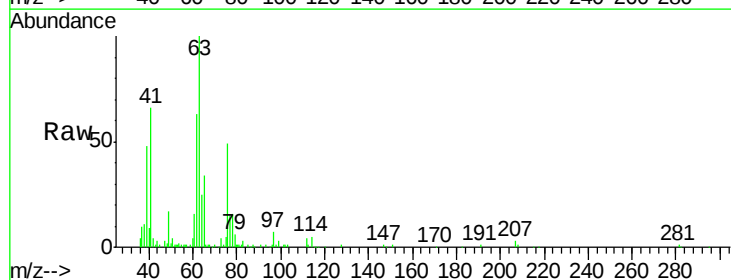
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

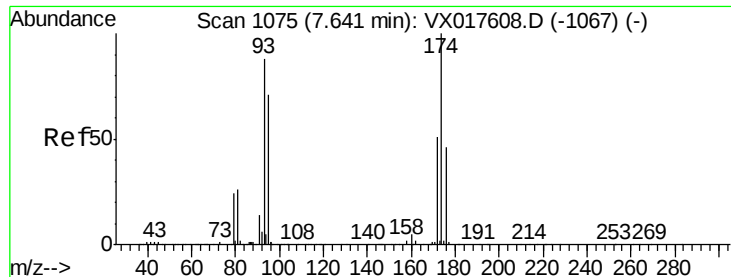
Tot Ion: 83 Resp: 42571
Ion Ratio Lower Upper
83 100
55 76.7 39.6 118.7
98 48.7 23.9 71.7



#39
1,2-Dichloropropane
Concen: 4.437 ug/l
RT: 7.49 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion: 63 Resp: 30568
Ion Ratio Lower Upper
63 100
65 33.7 25.2 37.8





#40

Dibromomethane

Concen: 4.662 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

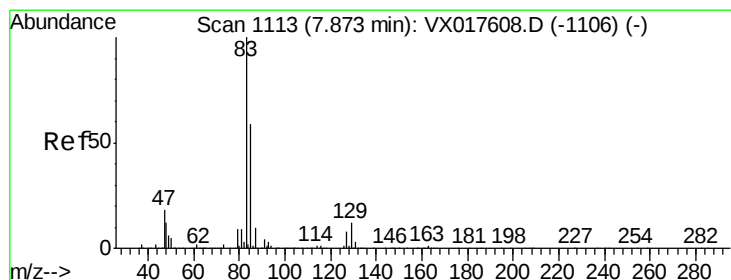
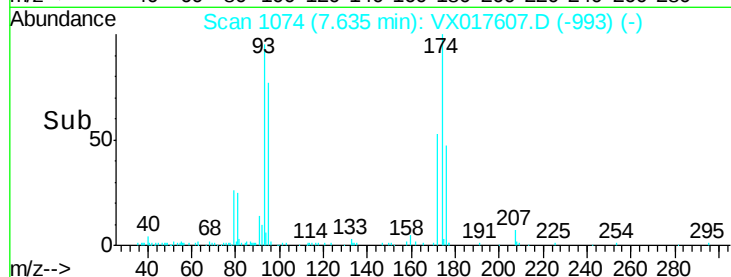
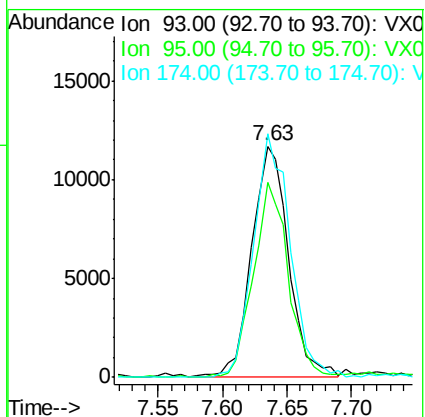
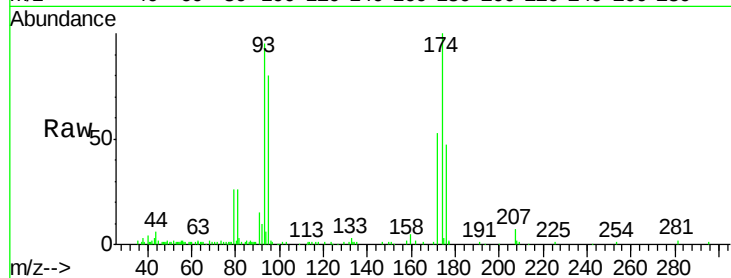
Tot Ion: 93 Resp: 23165

Ion Ratio Lower Upper

93 100

95 77.9 0.0 163.4

174 104.6 0.0 214.6



#41

Bromodichloromethane

Concen: 4.400 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

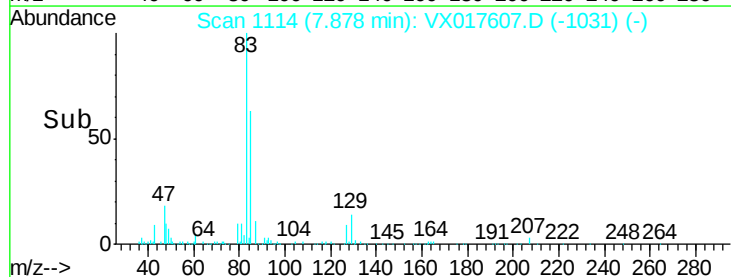
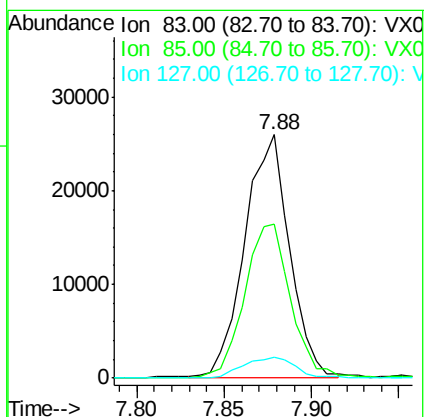
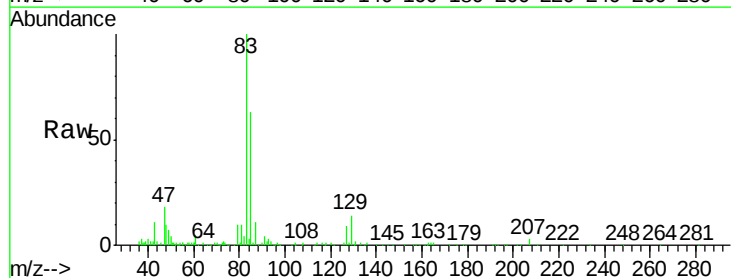
Tgt Ion: 83 Resp: 46030

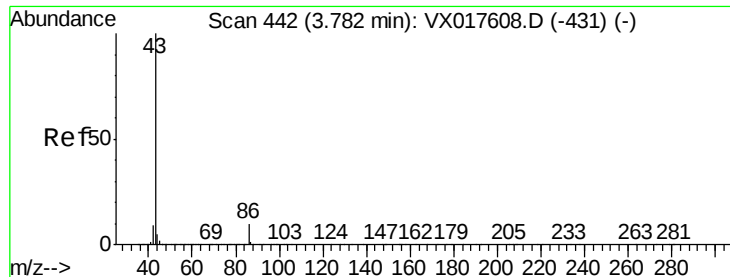
Ion Ratio Lower Upper

83 100

85 63.4 47.4 71.0

127 8.4 6.3 9.5





#42

Vinyl Acetate

Concen: 23.593 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

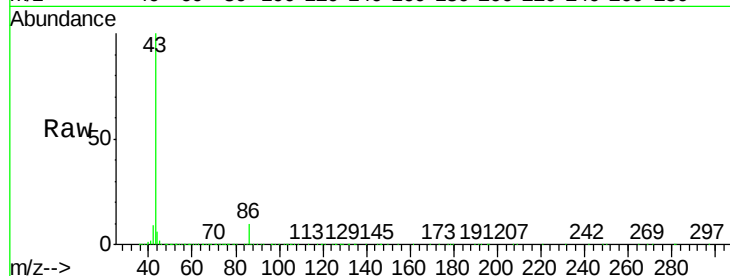
VSTDIC005

Tot Ion: 43 Resp: 425200

Ion Ratio Lower Upper

43 100

86 9.1 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

150000

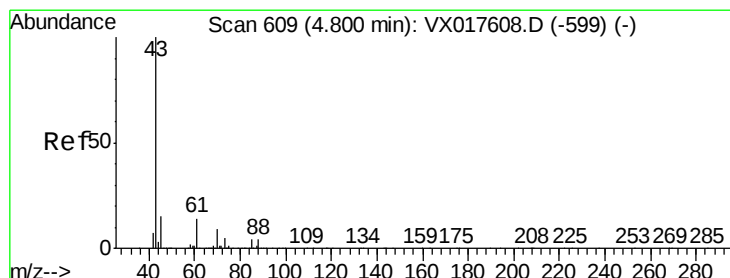
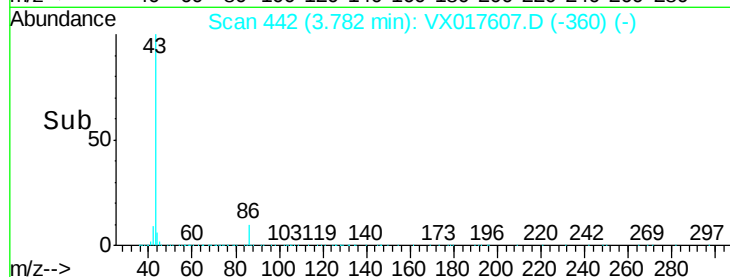
100000

50000

0

Time-->

3.70 3.80 3.90



#43

Ethyl Acetate

Concen: 5.006 ug/l

RT: 4.79 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX017607.D

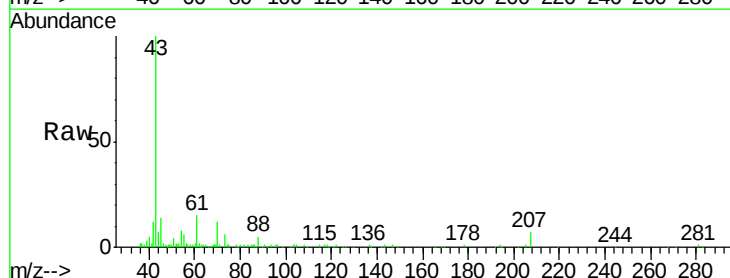
Acq: 27 Jul 2020 09:23

Tgt Ion: 43 Resp: 46908

Ion Ratio Lower Upper

43 100

45 12.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

20000

15000

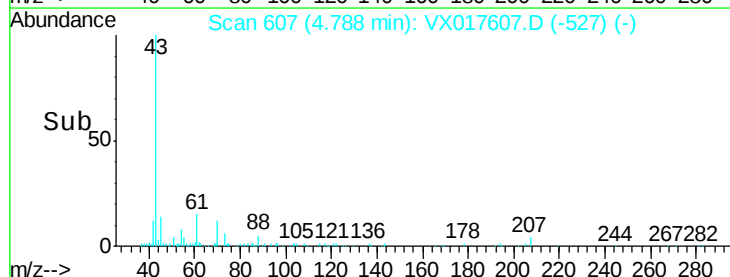
10000

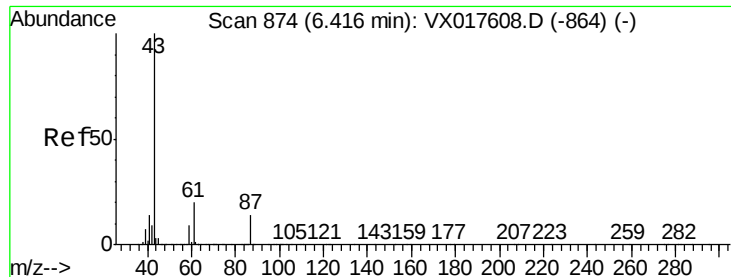
5000

0

Time-->

4.70 4.80 4.90





#44

Isopropyl Acetate

Concen: 4.514 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

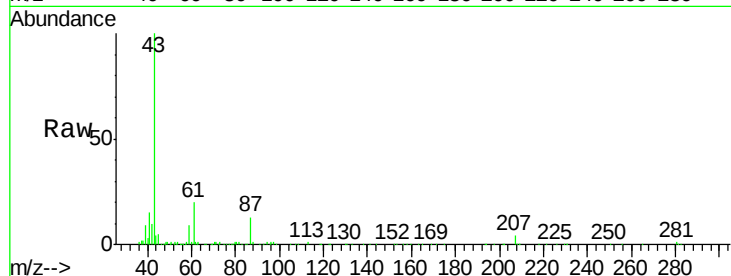
VSTDIC005

Tot Ion: 43 Resp: 71075

Ion Ratio Lower Upper

43 100

61 19.2 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6.42

30000

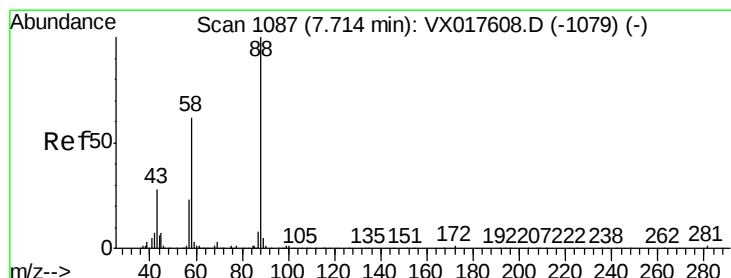
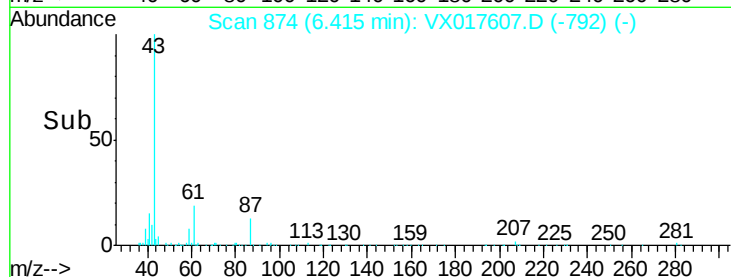
20000

10000

0

6.30 6.35 6.40 6.45 6.50

Time-->



#45

1,4-Dioxane

Concen: 83.021 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

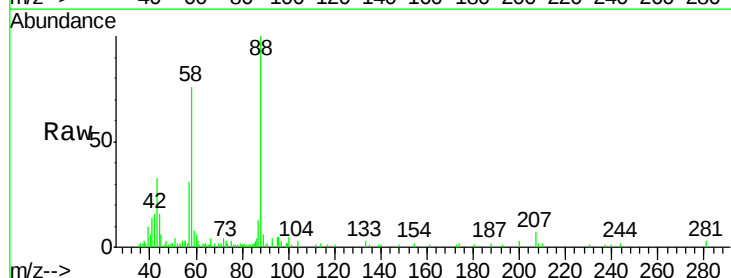
Tgt Ion: 88 Resp: 12824

Ion Ratio Lower Upper

88 100

43 30.2 29.0 43.6

58 79.2 55.6 83.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

7.71

8000

6000

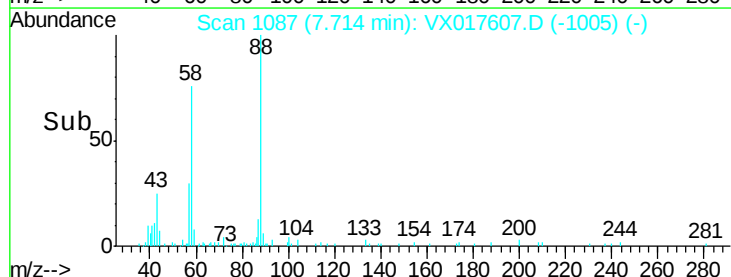
4000

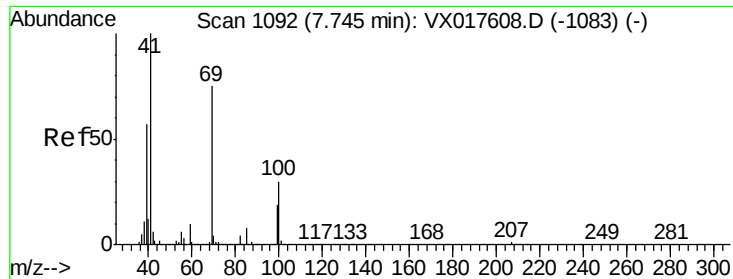
2000

0

7.65 7.70 7.75

Time-->

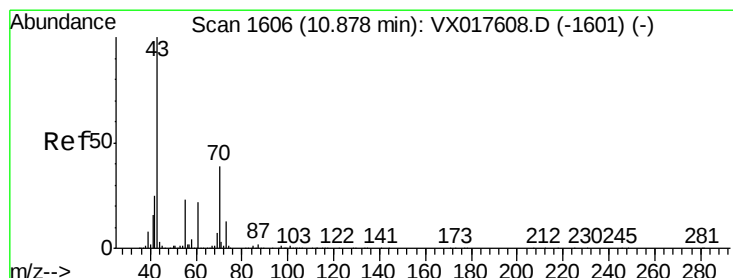
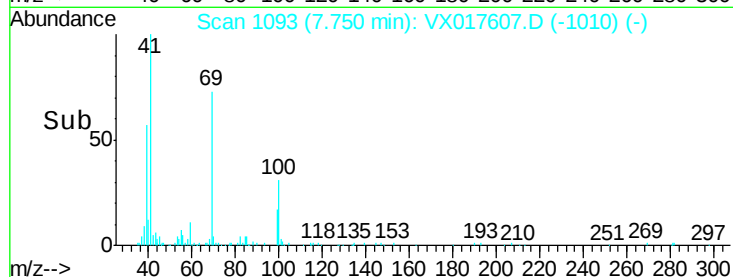
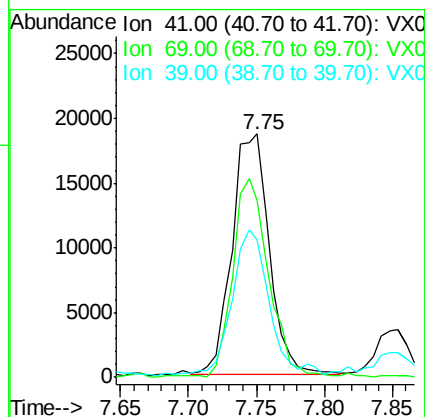
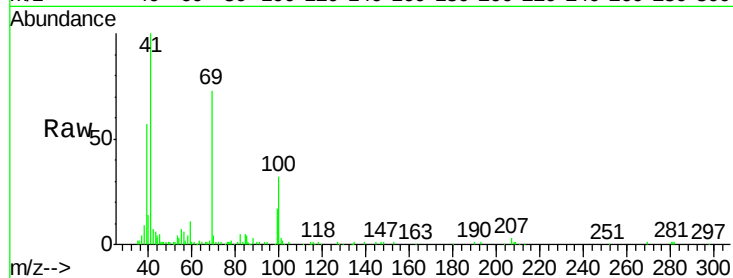




#46
Methvl methacrylate
Concen: 4.665 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

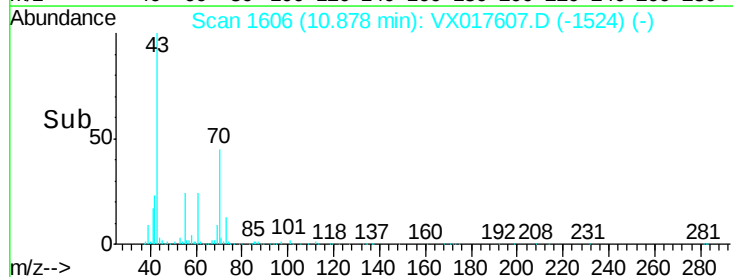
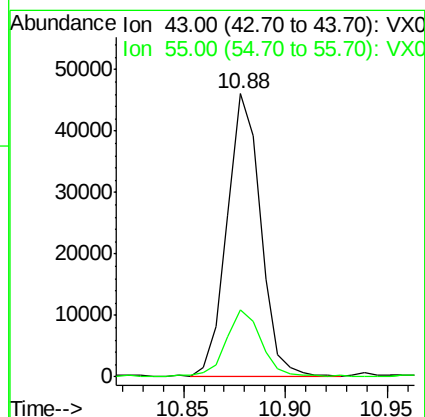
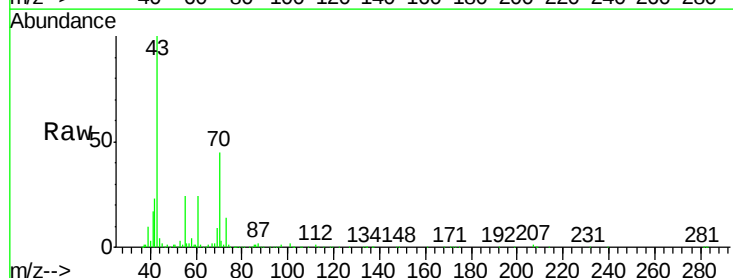
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

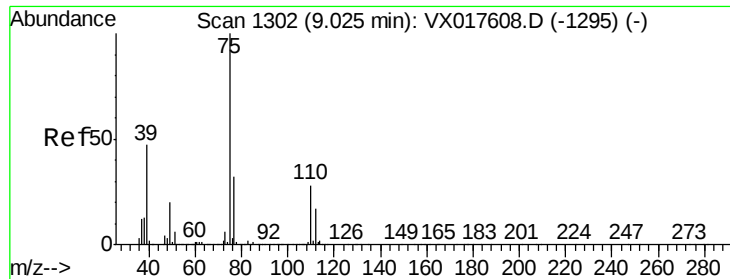
Tot Ion: 41 Resp: 35718
Ion Ratio Lower Upper
41 100
69 73.3 37.4 112.1
39 55.3 28.7 86.1



#47
n-aml Acetate
Concen: 3.781 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion: 43 Resp: 52604
Ion Ratio Lower Upper
43 100
55 24.5 19.5 29.3

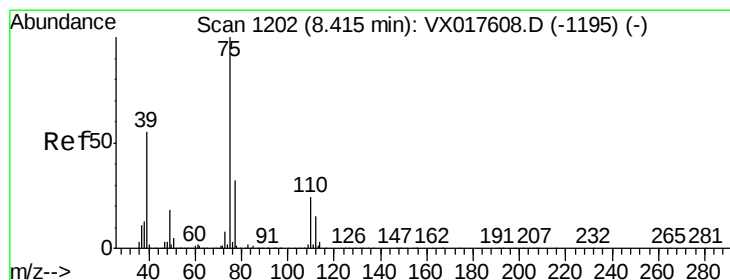
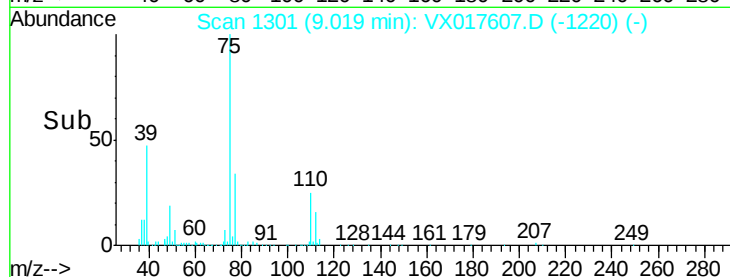
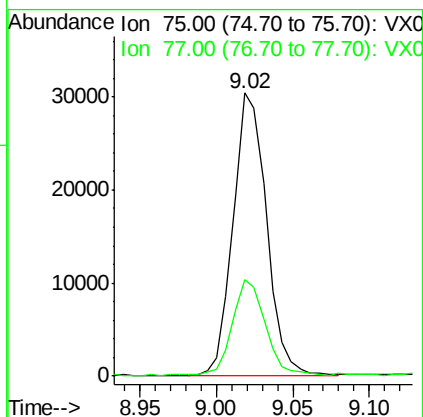
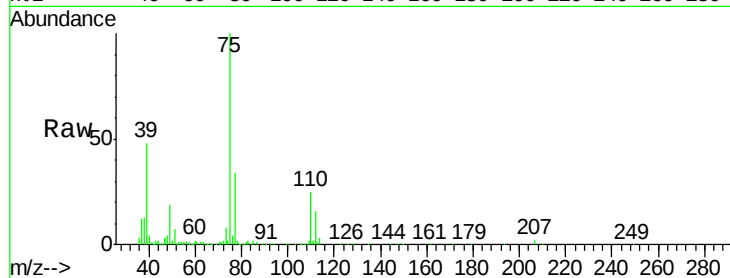




#48
 t-1,3-Dichloropropene
 Concen: 3.981 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

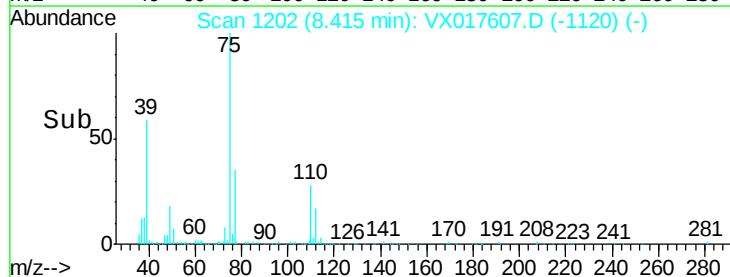
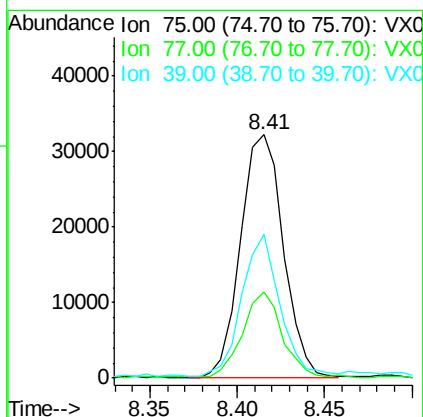
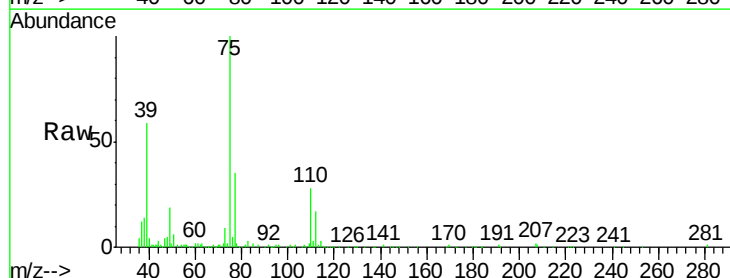
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

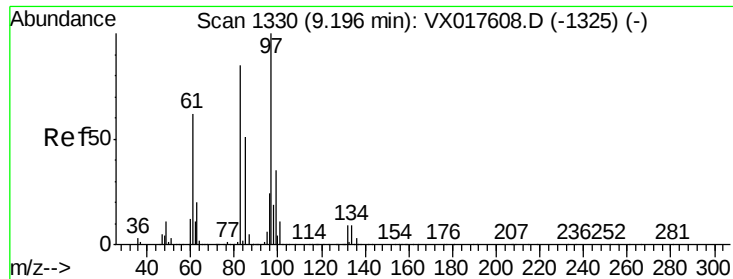
Tot Ion: 75 Resp: 46277
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.6 38.4



#49
 cis-1,3-Dichloropropene
 Concen: 4.523 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Tgt Ion: 75 Resp: 55075
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.4 38.0
 39 58.3 43.6 65.4

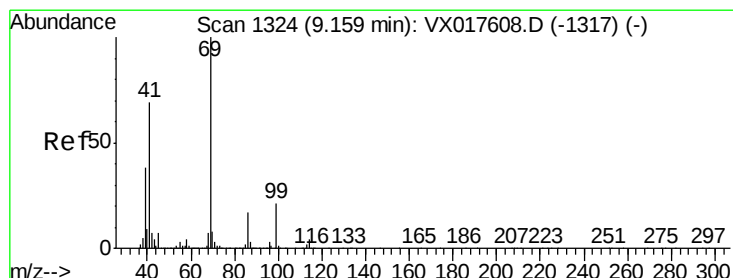
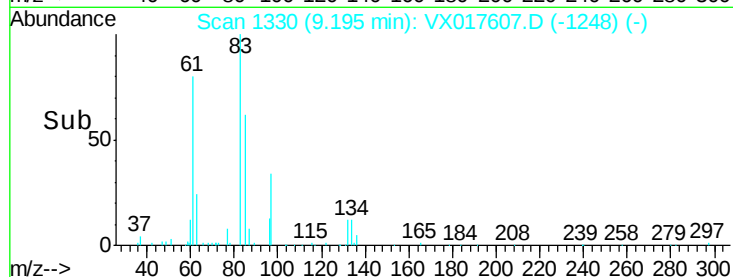
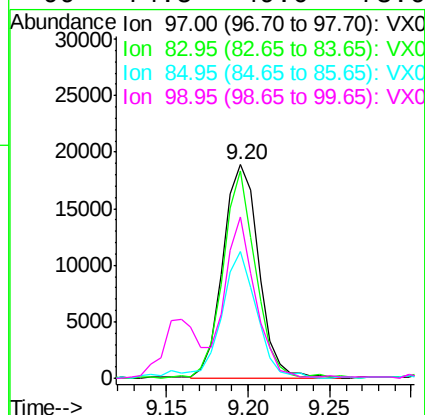
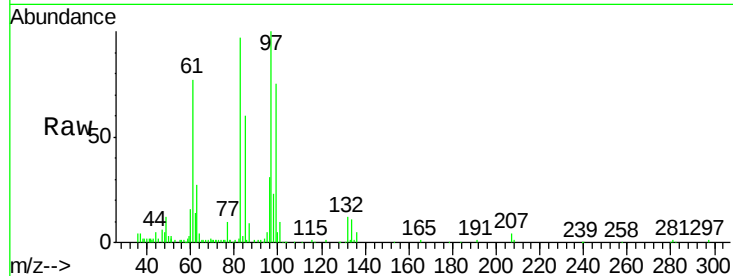




#50
 1,1,2-Trichloroethane
 Concen: 3.973 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

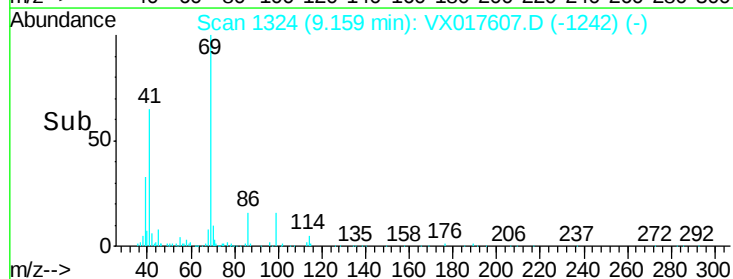
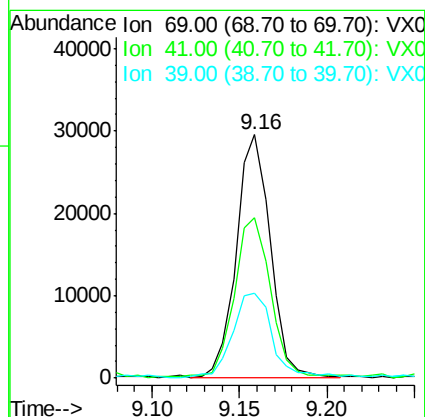
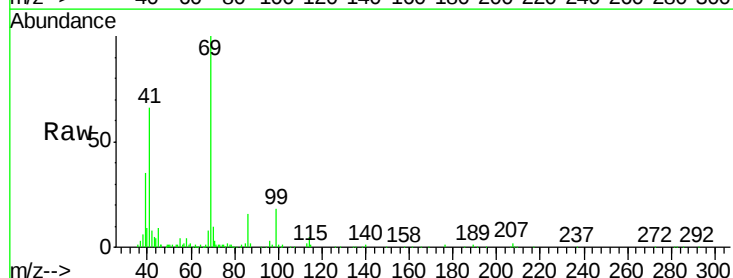
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

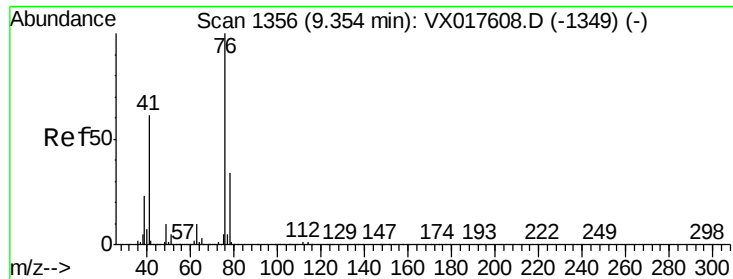
Tot Ion: 97 Resp: 28992
 Ion Ratio Lower Upper
 97 100
 83 96.7 68.2 102.2
 85 58.9 42.6 64.0
 99 74.5 49.0 73.6#



#51
 Ethyl methacrylate
 Concen: 3.681 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Tgt Ion: 69 Resp: 39685
 Ion Ratio Lower Upper
 69 100
 41 65.3 34.4 103.2
 39 34.8 19.1 57.1





#52

1,3-Dichloropropane

Concen: 4.214 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

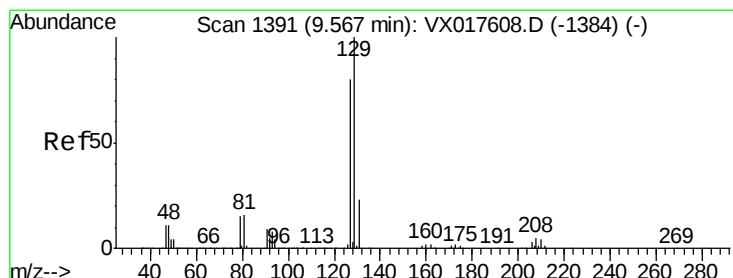
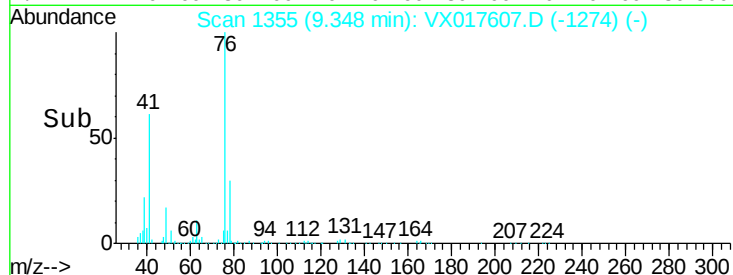
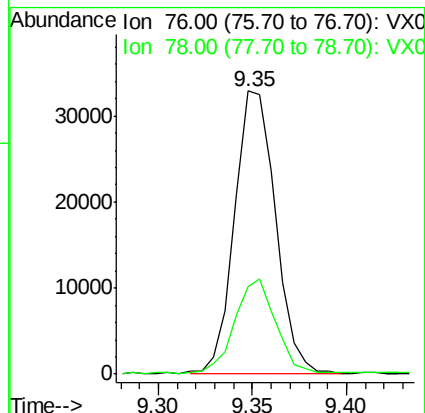
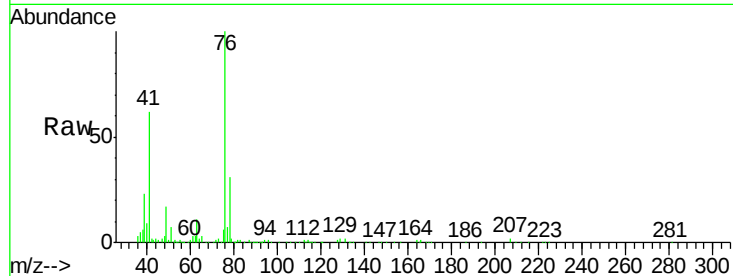
VSTDIC005

Tot Ion: 76 Resp: 49744

Ion Ratio Lower Upper

76 100

78 33.1 0.0 65.4



#53

Dibromochloromethane

Concen: 4.391 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX017607.D

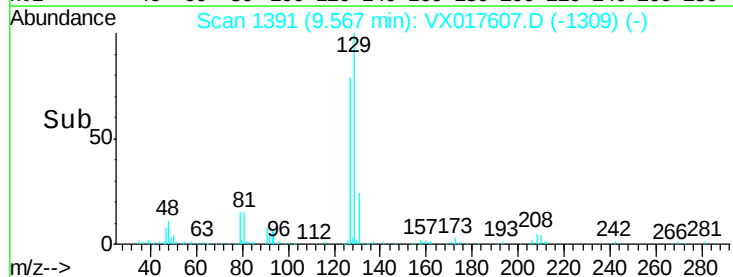
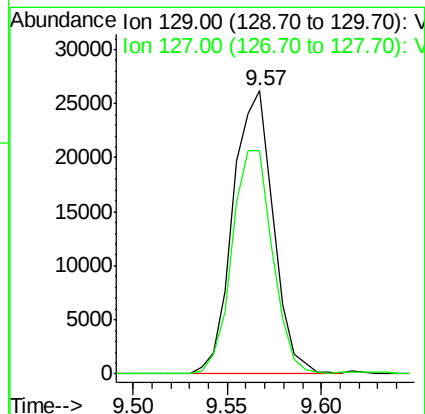
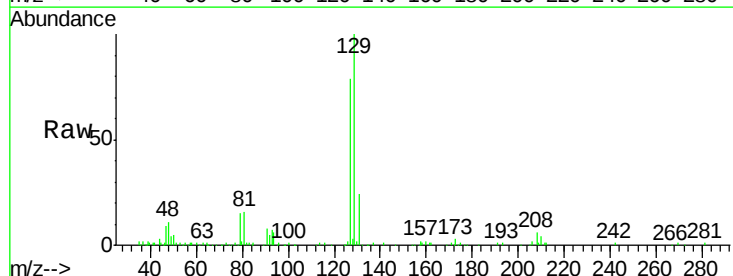
Acq: 27 Jul 2020 09:23

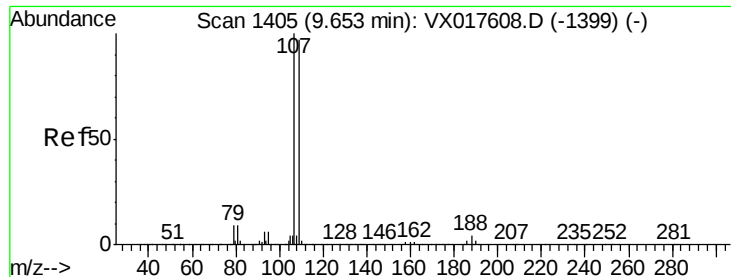
Tgt Ion: 129 Resp: 38832

Ion Ratio Lower Upper

129 100

127 79.4 39.7 119.1

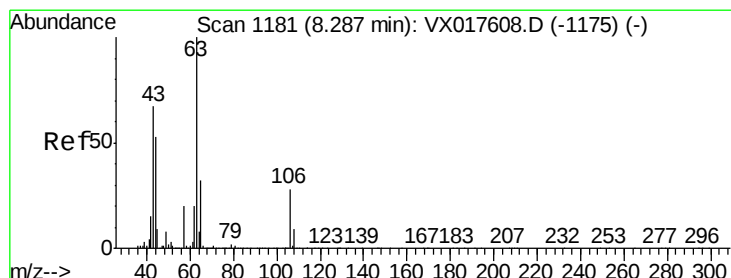
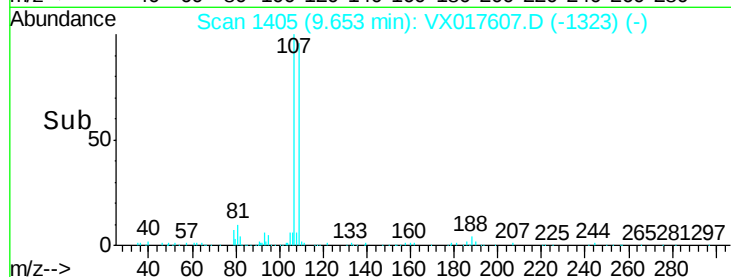
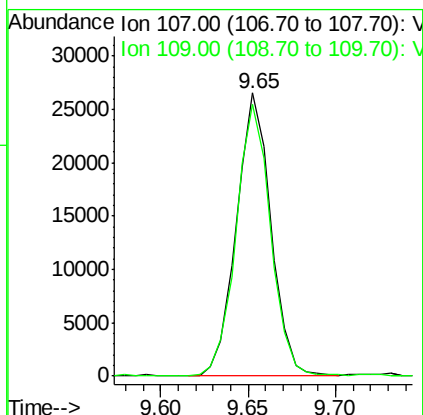
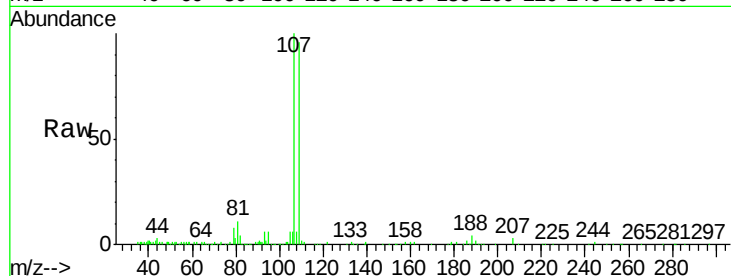




#54
 1,2-Dibromoethane
 Concen: 4.683 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

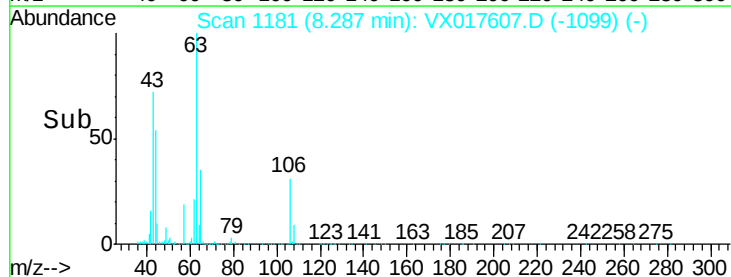
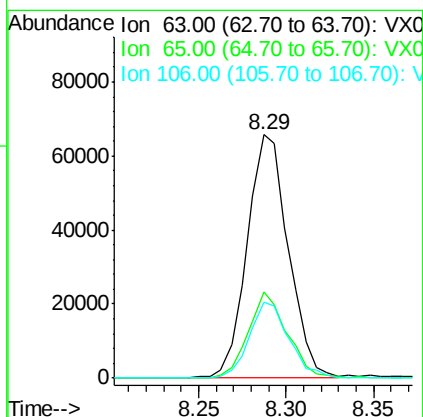
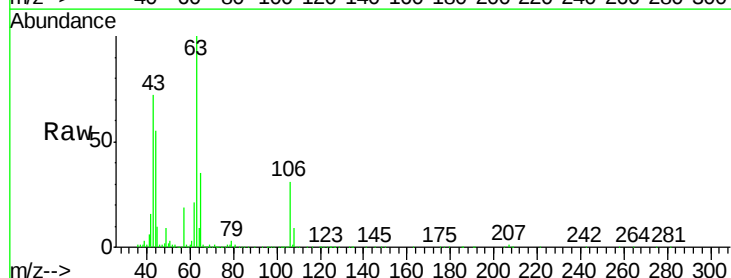
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

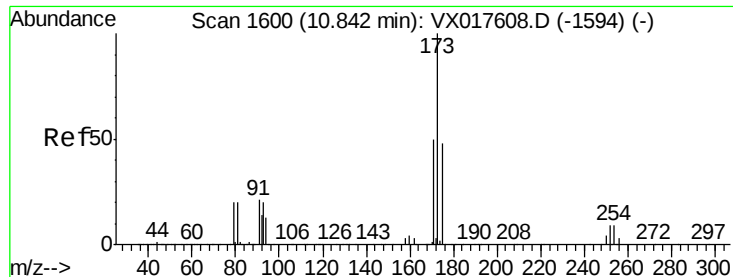
Tot Ion:107 Resp: 36395
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.6 113.4



#55
 2-Chloroethyl vinyl ether
 Concen: 21.276 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Tgt Ion: 63 Resp: 107784
 Ion Ratio Lower Upper
 63 100
 65 32.8 25.5 38.3
 106 30.0 22.9 34.3

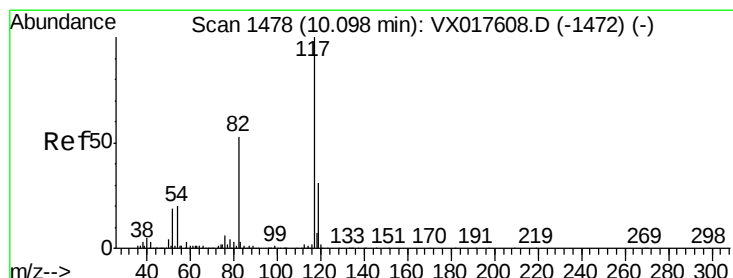
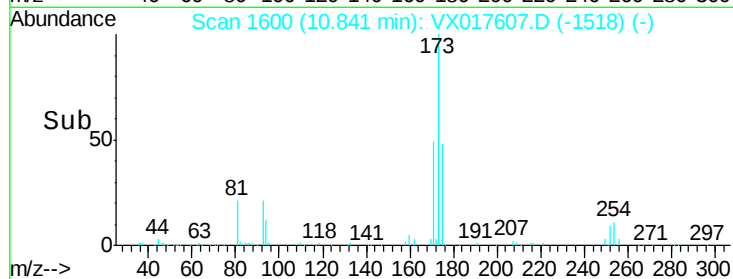
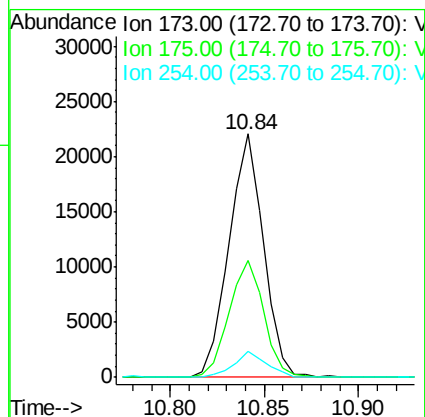
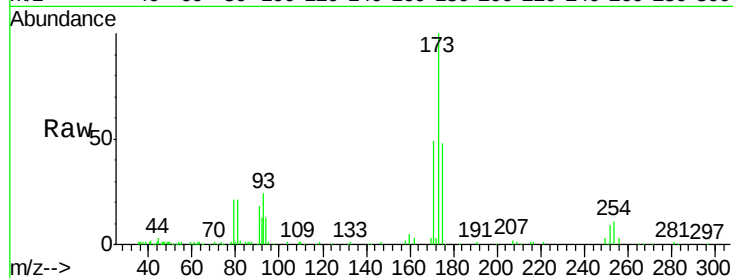




#56
Bromoform
Concen: 4.027 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

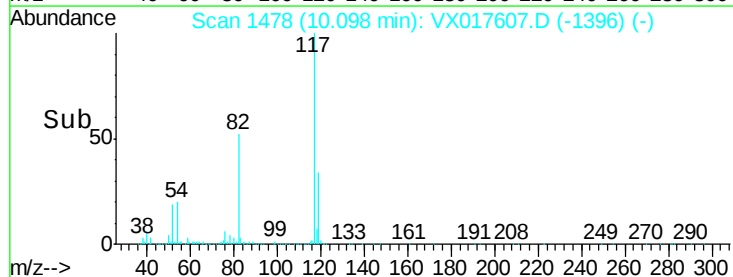
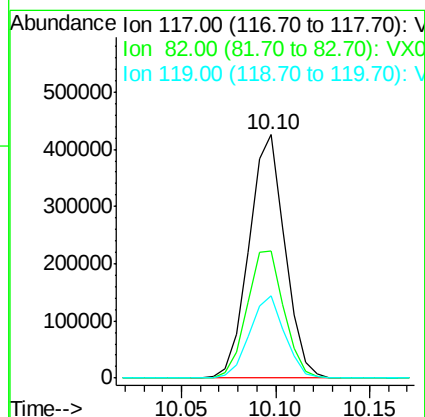
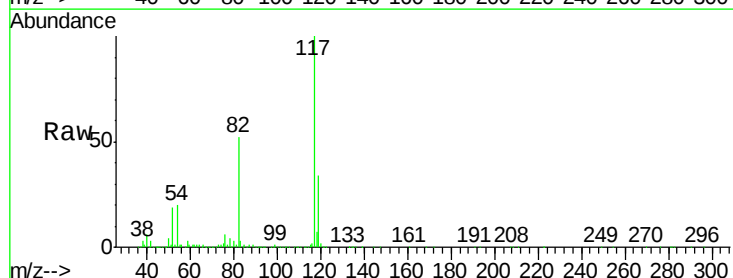
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

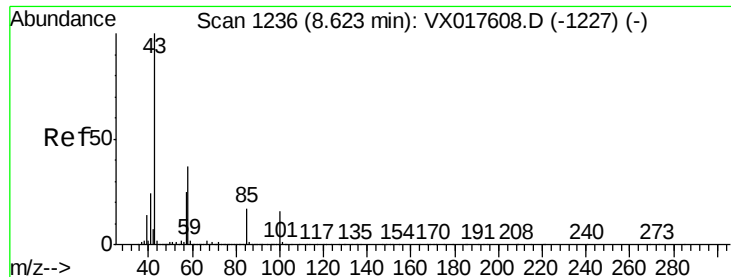
Tot Ion:173 Resp: 28093
Ion Ratio Lower Upper
173 100
175 48.3 38.2 57.4
254 10.2 7.4 11.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion:117 Resp: 560305
Ion Ratio Lower Upper
117 100
82 54.3 43.6 65.4
119 33.0 25.7 38.5

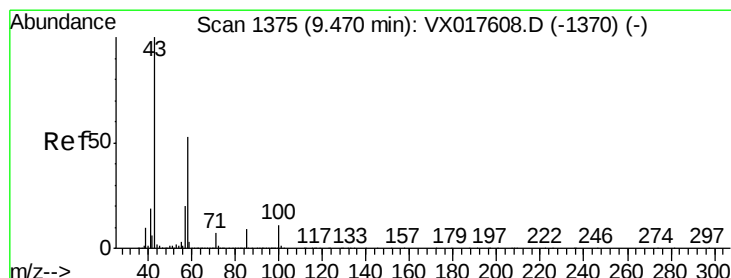
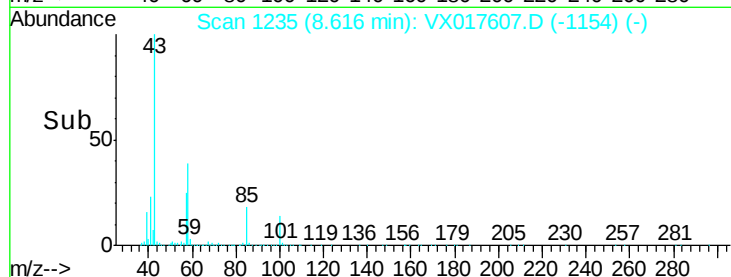
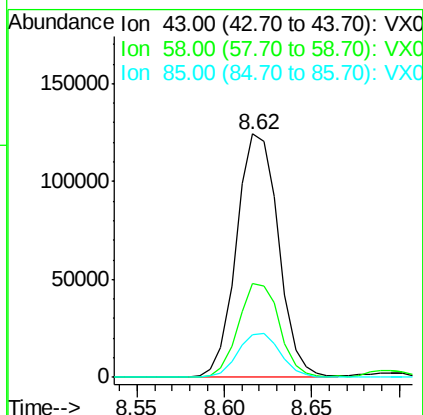
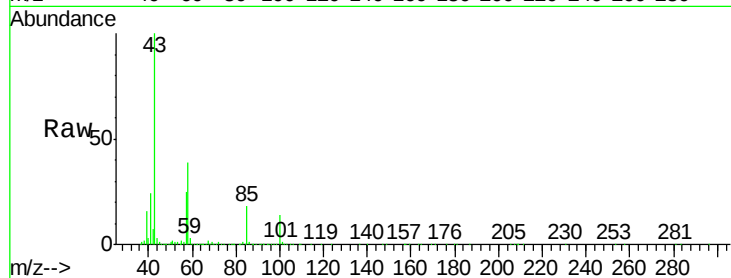




#58
 4-Methyl-2-Pentanone
 Concen: 21.660 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

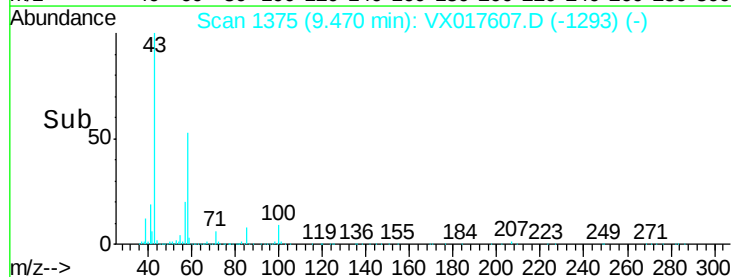
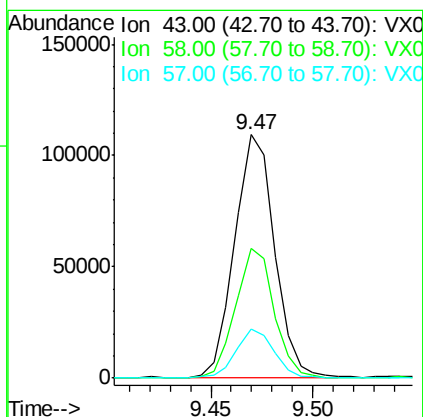
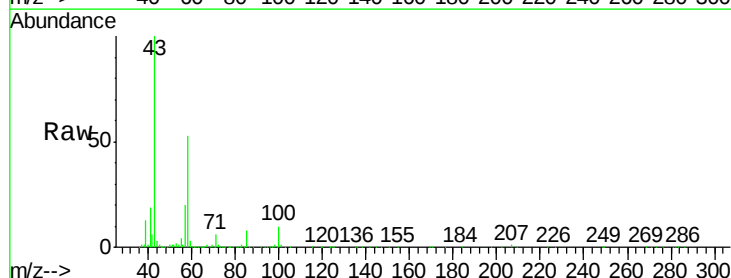
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

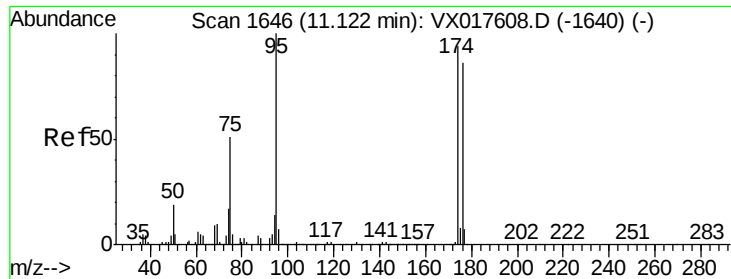
Tot Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.5	45.7
85	18.4	14.2	21.2



#59
 2-Hexanone
 Concen: 21.283 ug/l
 RT: 9.47 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.8	42.9	64.3
57	19.2	16.1	24.1

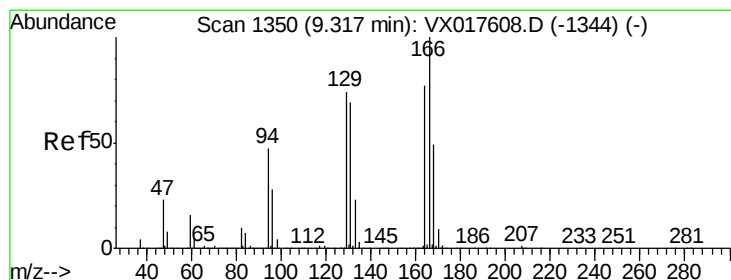
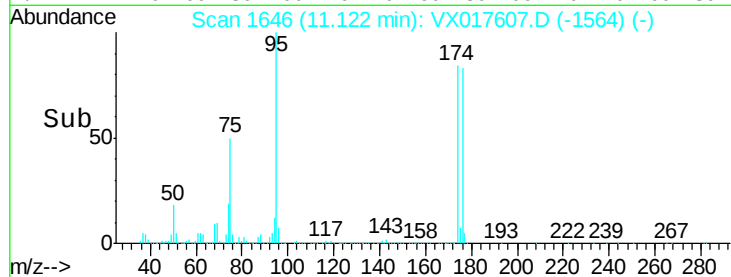
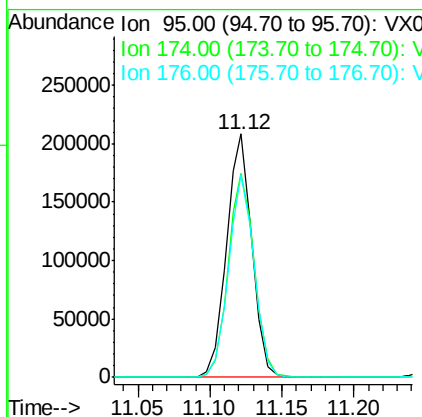
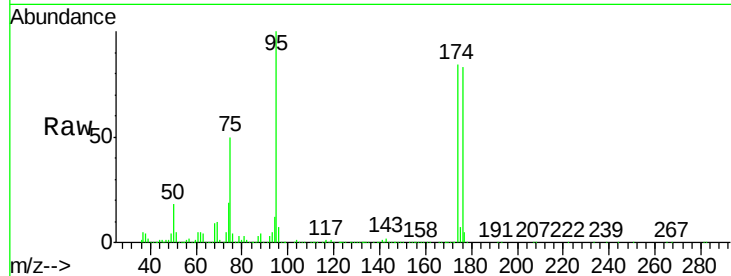




#60
4-Bromofluorobenzene
Concen: 26.619 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

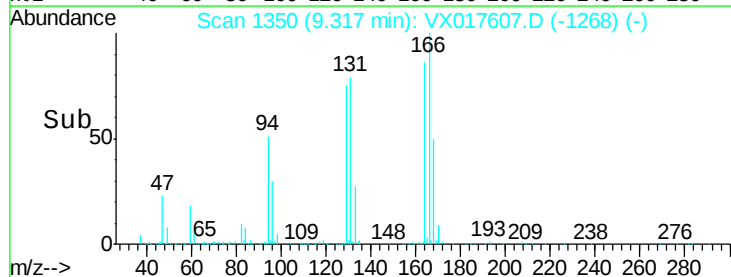
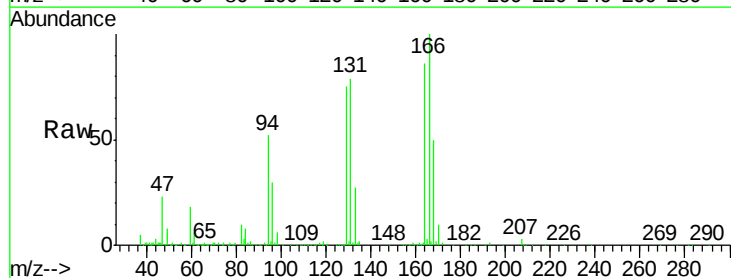
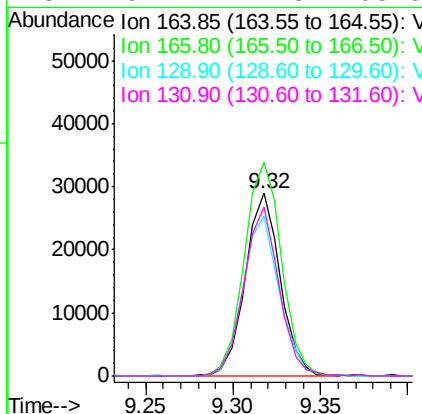
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

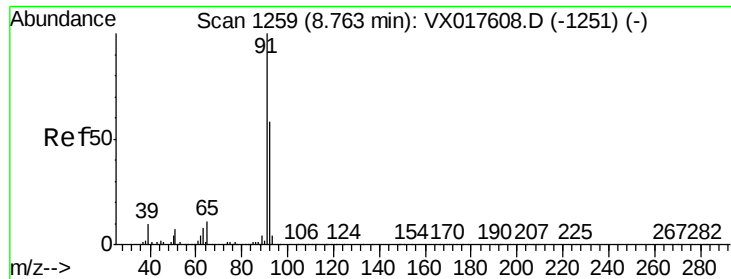
Tot Ion: 95 Resp: 257857
Ion Ratio Lower Upper
95 100
174 86.1 70.2 105.2
176 83.8 65.6 98.4



#61
Tetrachloroethene
Concen: 5.405 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion: 164 Resp: 40236
Ion Ratio Lower Upper
164 100
166 116.9 104.4 156.6
129 87.3 77.0 115.4
131 92.2 72.3 108.5





#62

Toluene

Concen: 4.343 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

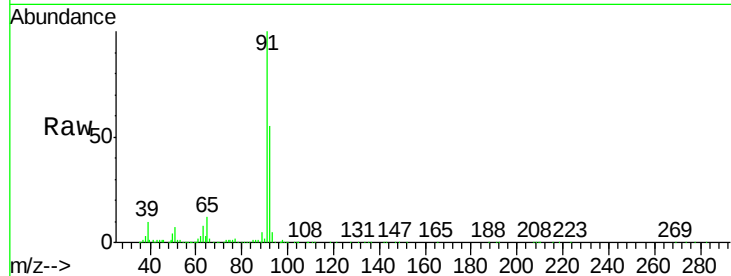
VSTDIC005

Tot Ion: 91 Resp: 121567

Ion Ratio Lower Upper

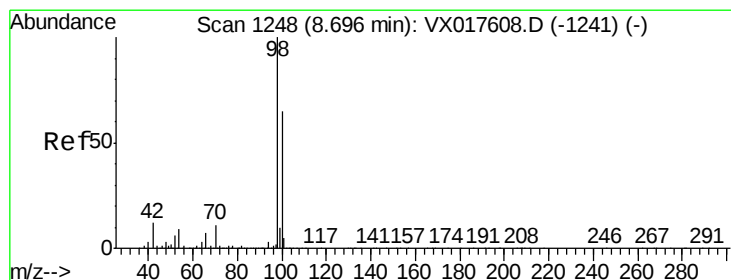
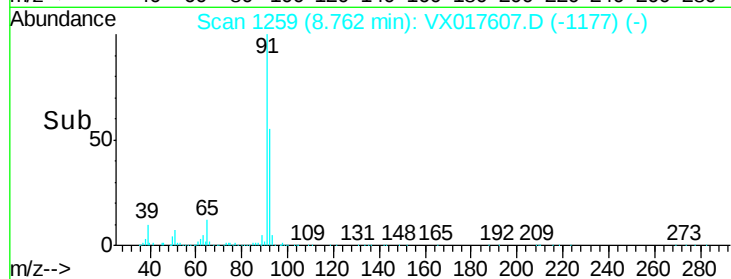
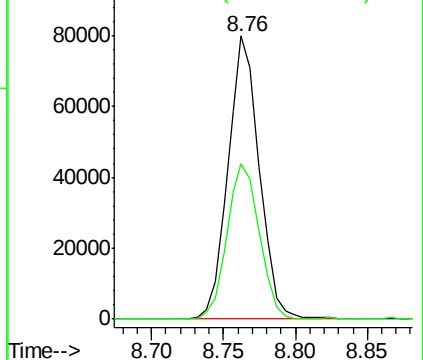
91 100

92 56.8 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: 28.467 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017607.D

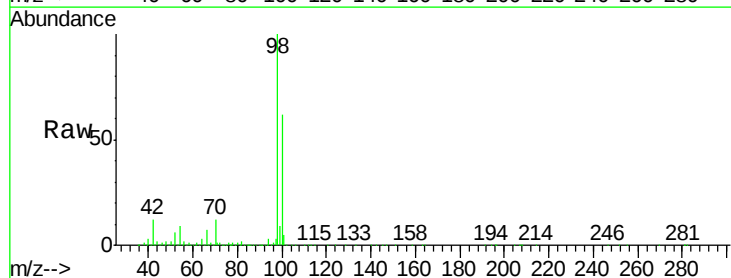
Acq: 27 Jul 2020 09:23

Tgt Ion: 98 Resp: 697709

Ion Ratio Lower Upper

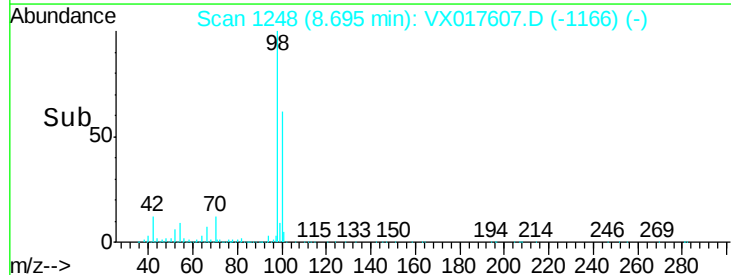
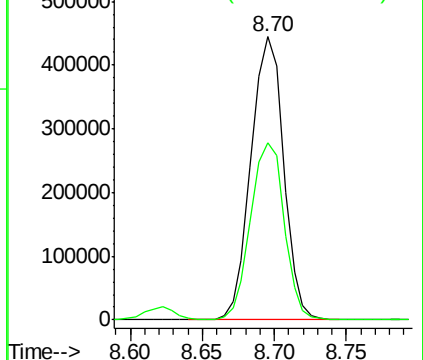
98 100

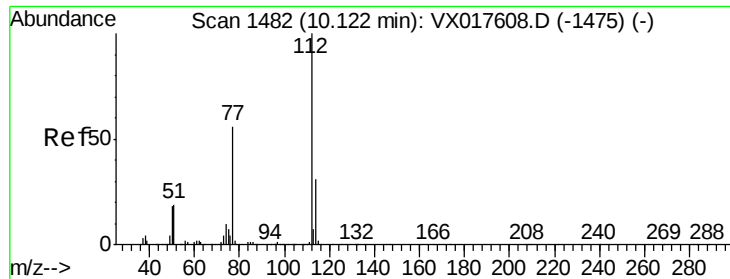
100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#64

Chlorobenzene

Concen: 4.669 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

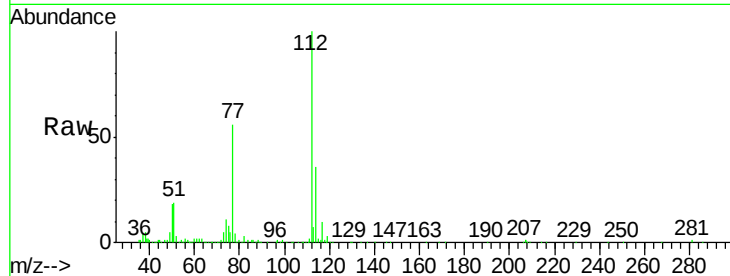
VSTDIC005

Tot Ion:112 Resp: 84646

Ion Ratio Lower Upper

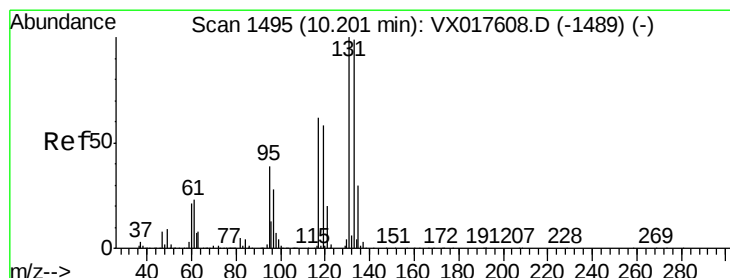
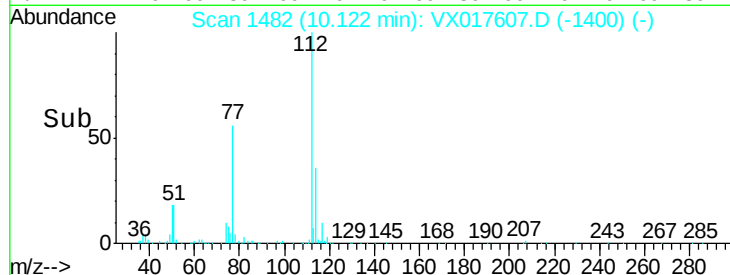
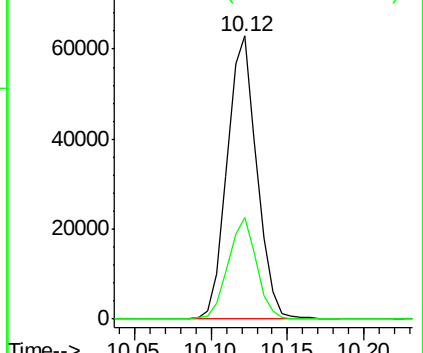
112 100

114 35.7 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#65

1,1,1,2-Tetrachloroethane

Concen: 4.592 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

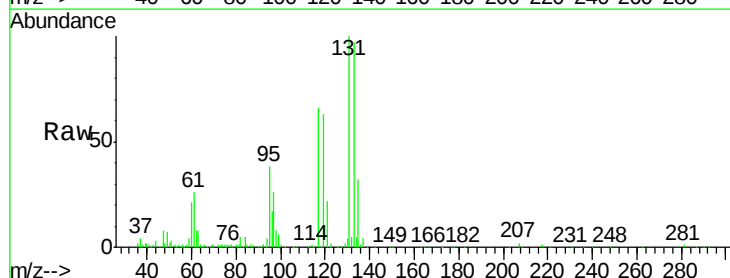
Tgt Ion:131 Resp: 34483

Ion Ratio Lower Upper

131 100

133 94.2 0.0 189.8

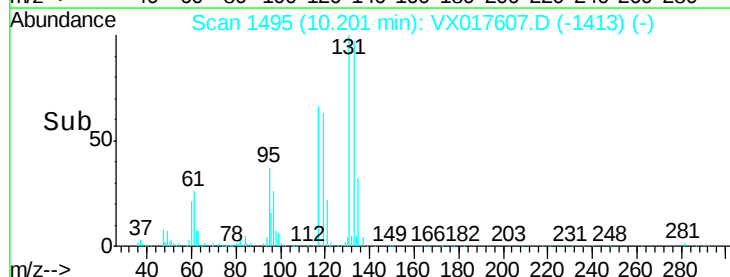
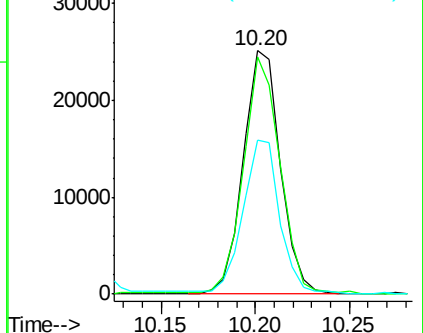
119 62.6 0.0 119.6

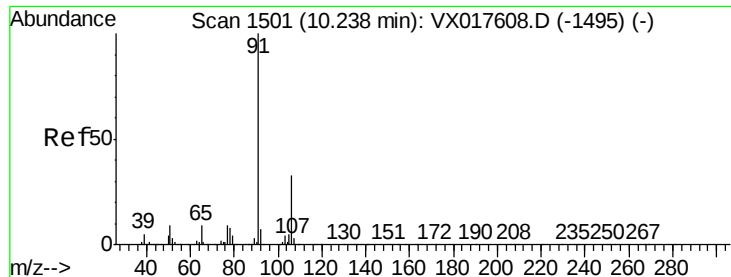


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#66

Ethyl Benzene

Concen: 4.522 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

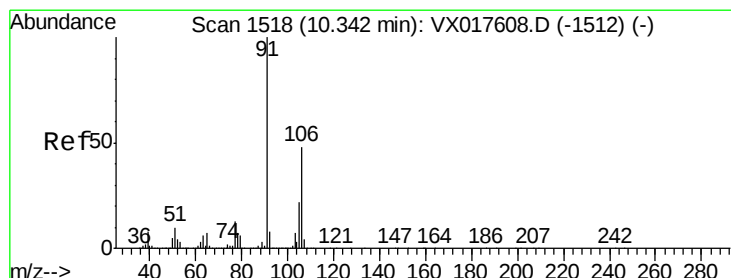
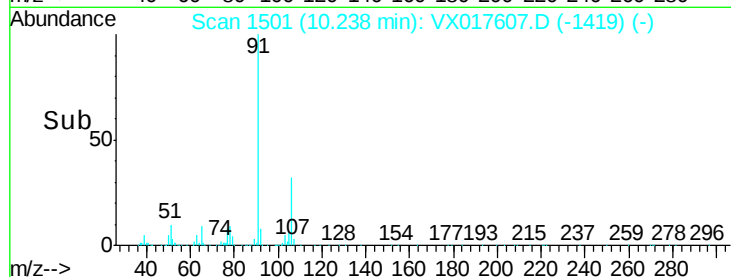
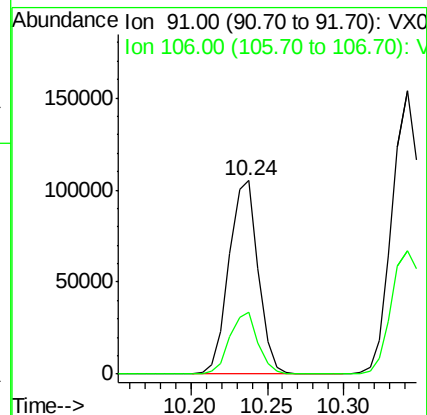
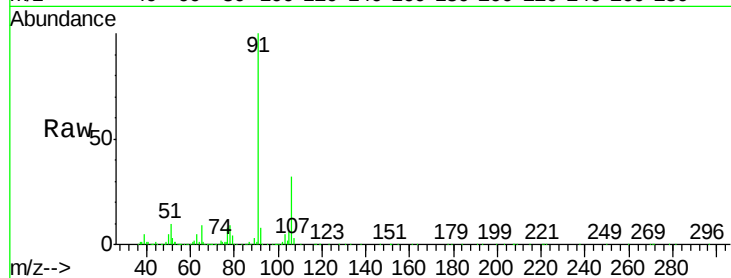
VSTDIC005

Tot Ion: 91 Resp: 139155

Ion Ratio Lower Upper

91 100

106 31.8 26.2 39.2



#67

m/p-Xylenes

Concen: 8.246 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017607.D

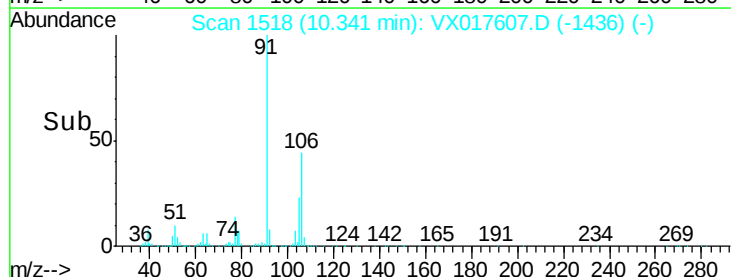
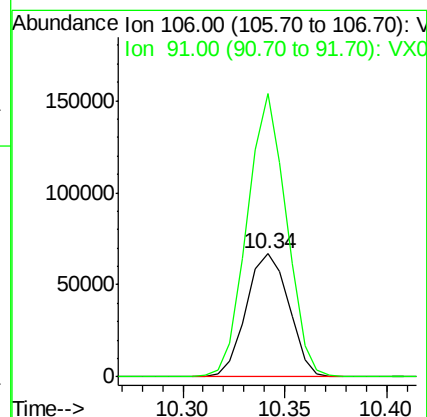
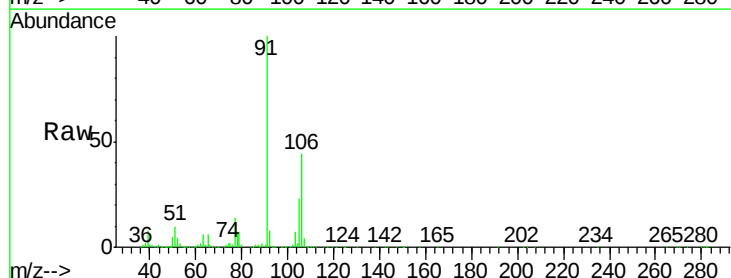
Acq: 27 Jul 2020 09:23

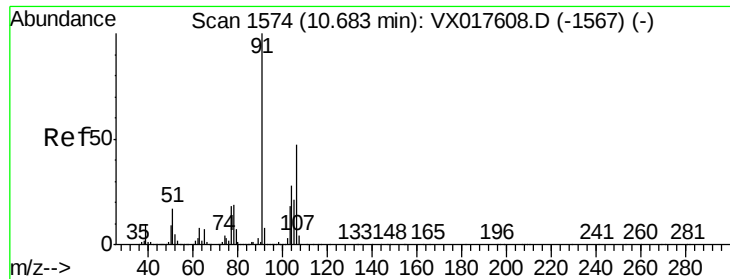
Tgt Ion: 106 Resp: 97366

Ion Ratio Lower Upper

106 100

91 212.1 166.6 249.8

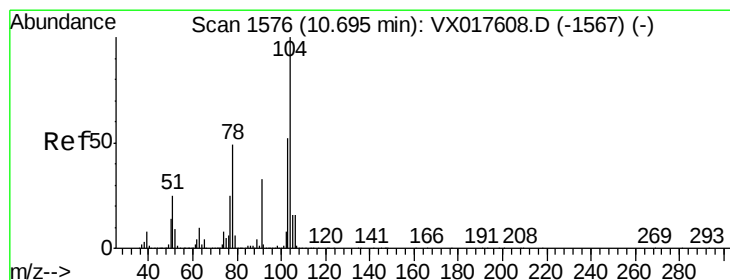
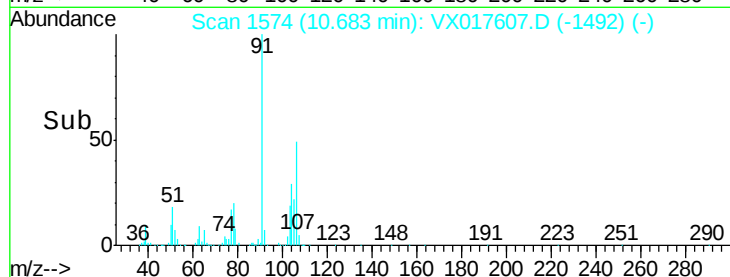
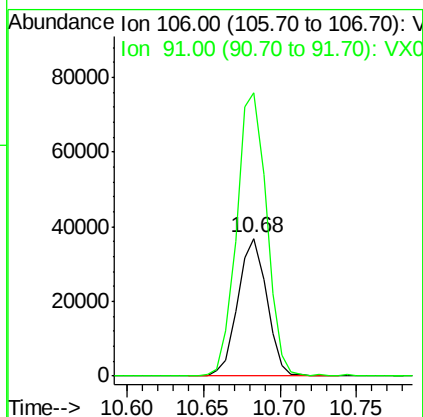
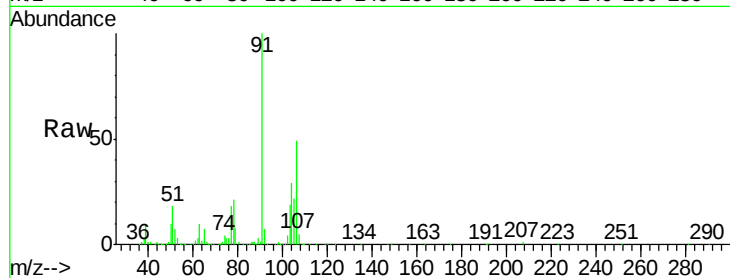




#68
o-Xylene
Concen: 4.289 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

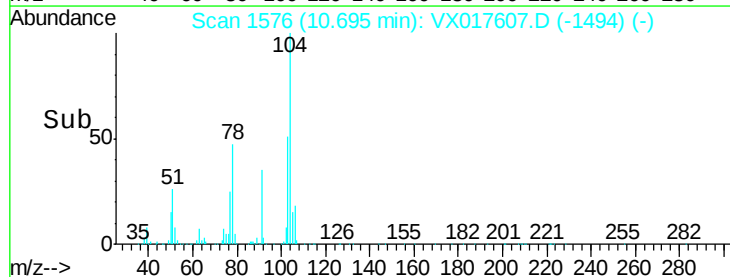
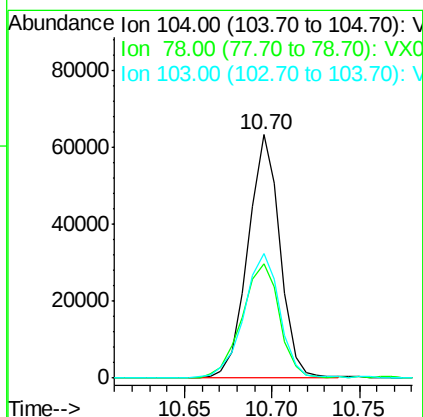
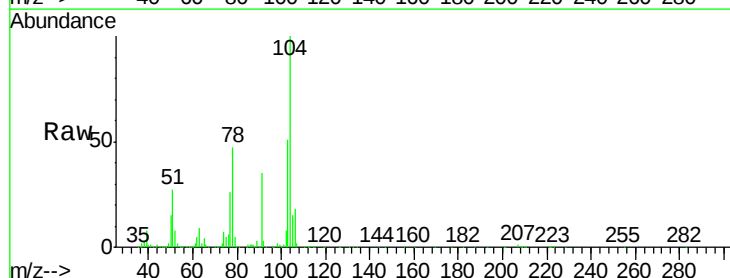
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

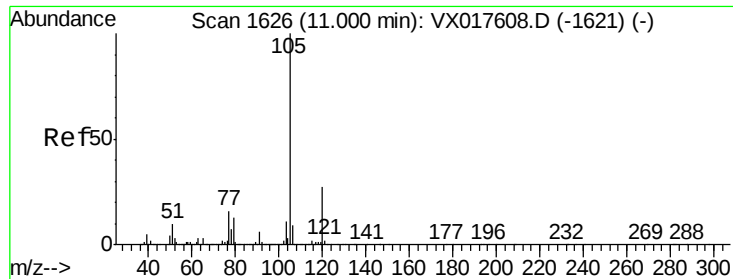
Tot Ion:106 Resp: 48728
Ion Ratio Lower Upper
106 100
91 212.0 105.8 317.6



#69
Styrene
Concen: 4.023 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion:104 Resp: 80776
Ion Ratio Lower Upper
104 100
78 54.3 41.7 62.5
103 57.6 43.4 65.2





#70

Isopropylbenzene

Concen: 4.287 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

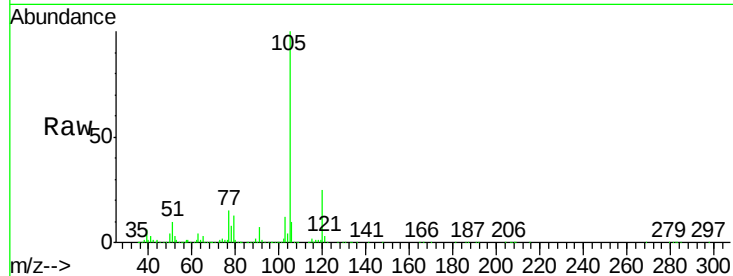
VSTDIC005

Tot Ion:105 Resp: 136783

Ion Ratio Lower Upper

105 100

120 26.1 18.7 34.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

120000

100000

80000

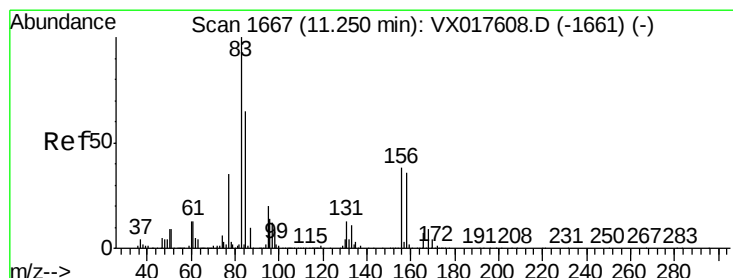
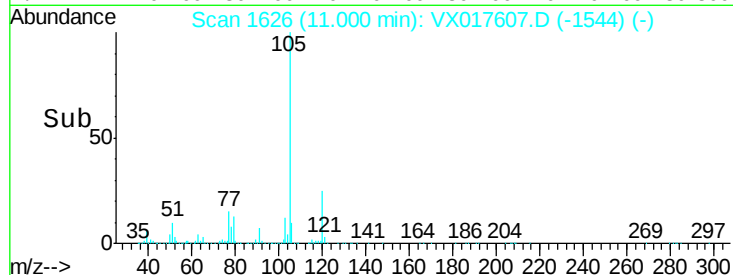
60000

40000

20000

0

Time--> 10.95 11.00 11.05



#71

1,1,2,2-Tetrachloroethane

Concen: 4.018 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

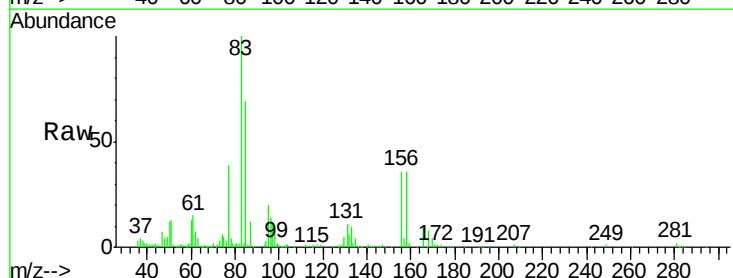
Tgt Ion: 83 Resp: 38987

Ion Ratio Lower Upper

83 100

131 11.5 5.9 17.8

85 62.7 32.7 98.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0

11.25

40000

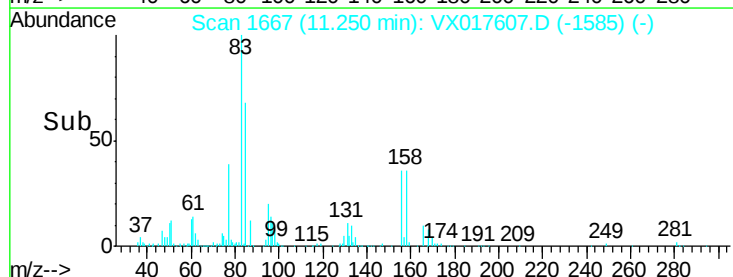
30000

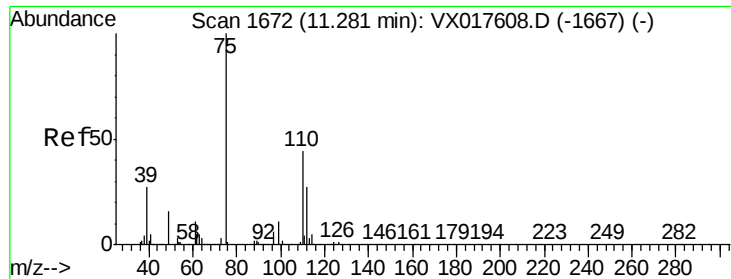
20000

10000

0

Time--> 11.20 11.25 11.30





#72

1,2,3-Trichloropropane

Concen: 5.519 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

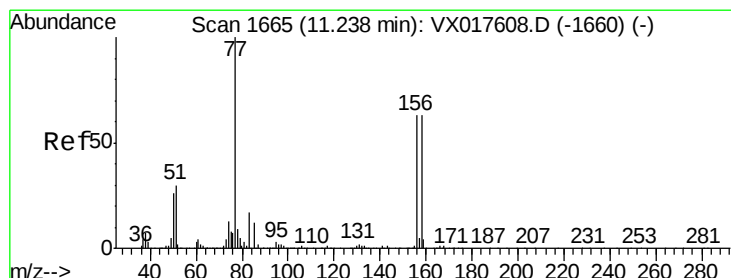
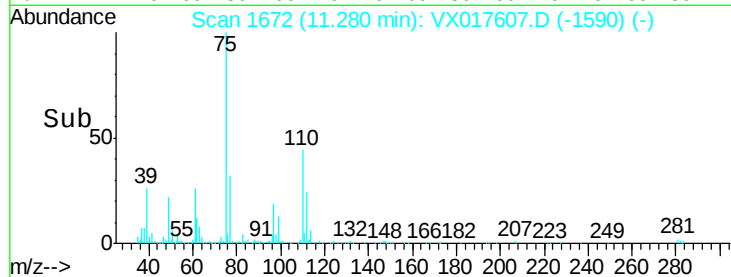
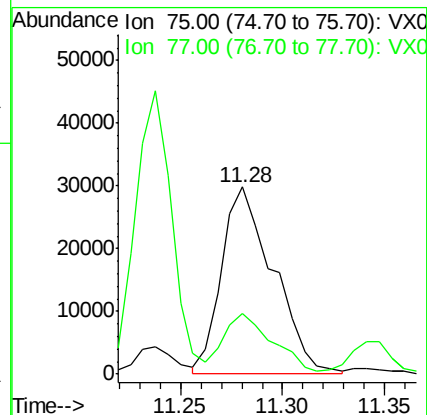
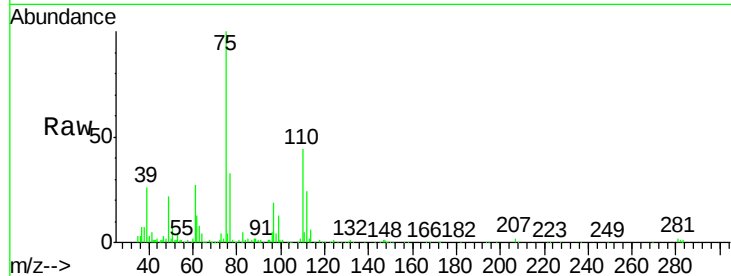
VSTDIC005

Tot Ion: 75 Resp: 52806

Ion Ratio Lower Upper

75 100

77 27.9 0.0 73.2



#73

Bromobenzene

Concen: 4.333 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

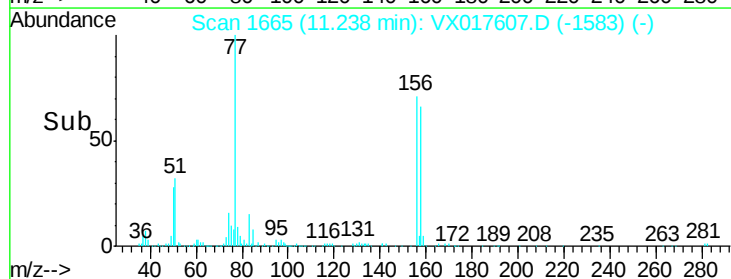
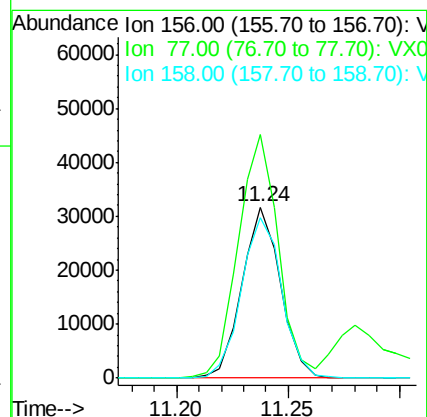
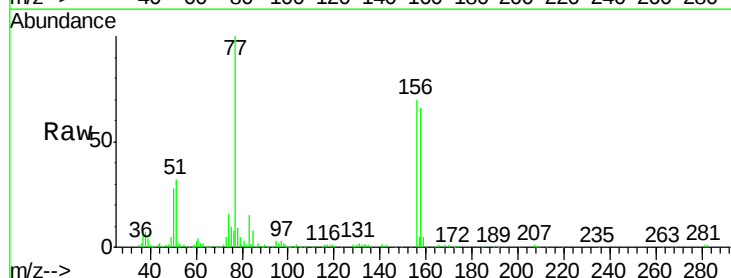
Tgt Ion: 156 Resp: 38413

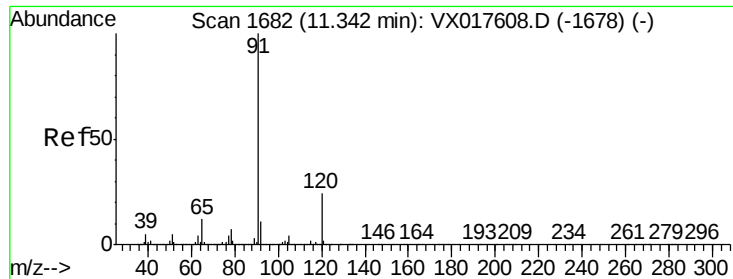
Ion Ratio Lower Upper

156 100

77 147.7 0.0 302.0

158 98.1 0.0 199.6





#74

n-propylbenzene

Concen: 4.222 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

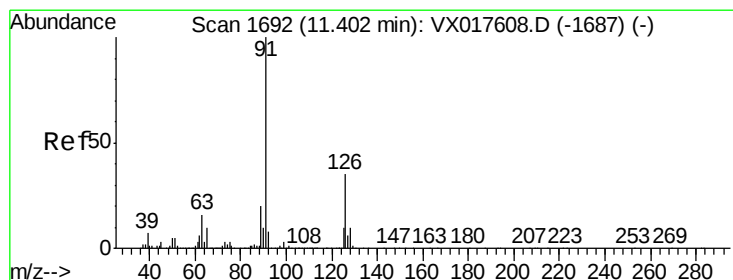
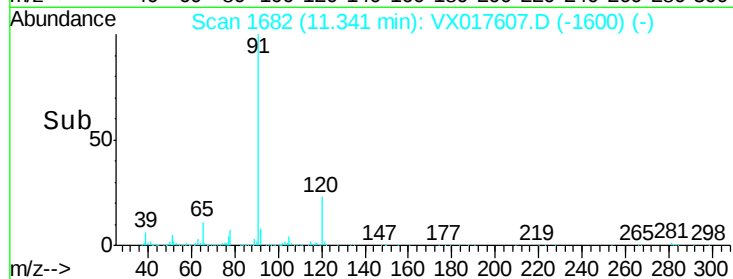
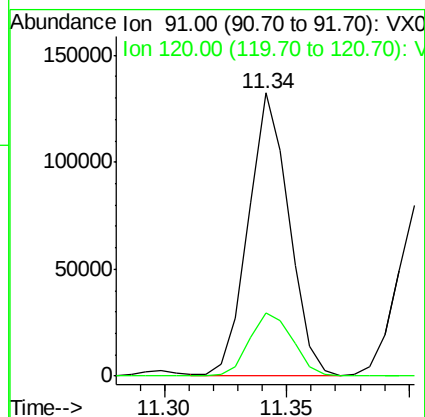
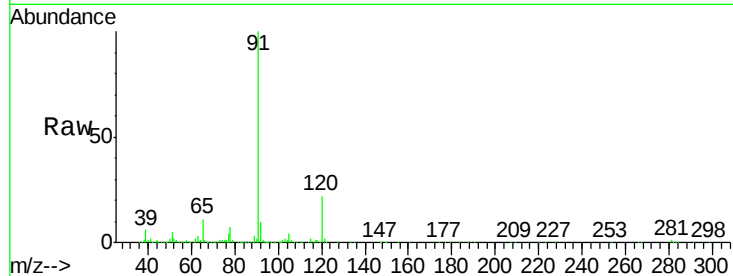
VSTDIC005

Tot Ion: 91 Resp: 153706

Ion Ratio Lower Upper

91 100

120 24.0 0.0 48.0



#75

2-Chlorotoluene

Concen: 4.442 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017607.D

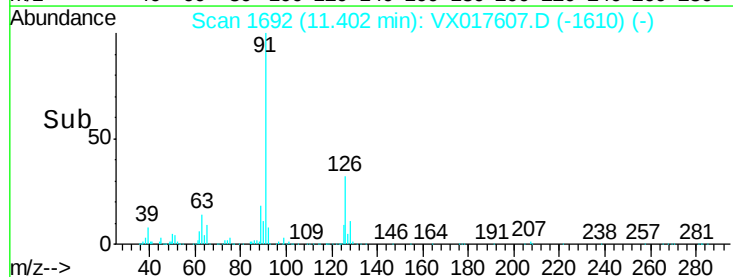
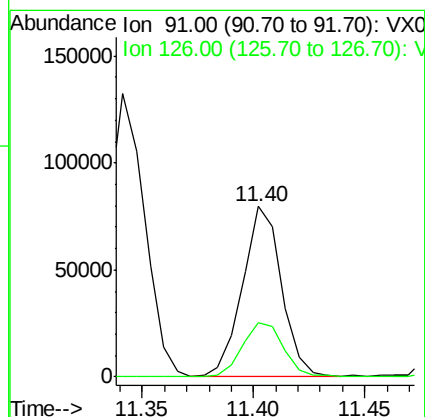
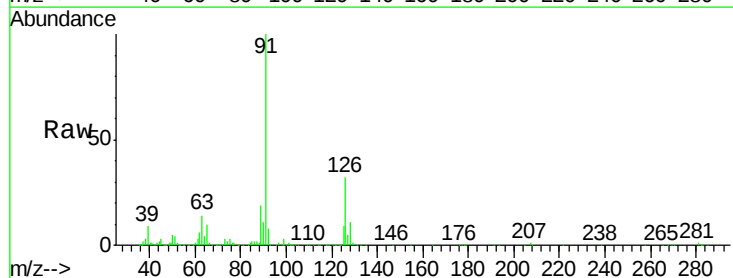
Acq: 27 Jul 2020 09:23

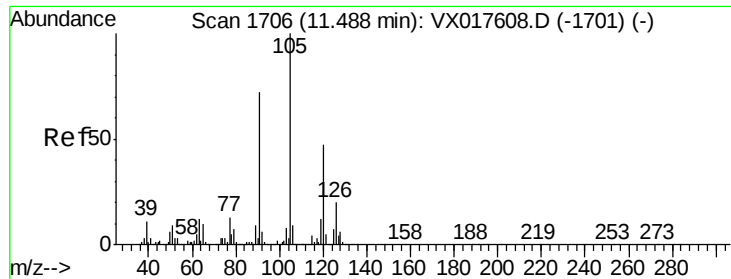
Tgt Ion: 91 Resp: 97878

Ion Ratio Lower Upper

91 100

126 34.3 0.0 67.8





#76

1,3,5-Trimethylbenzene

Concen: 4.408 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

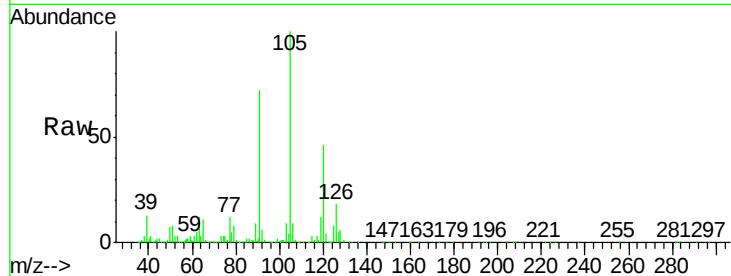
VSTDIC005

Tot Ion:105 Resp: 117958

Ion Ratio Lower Upper

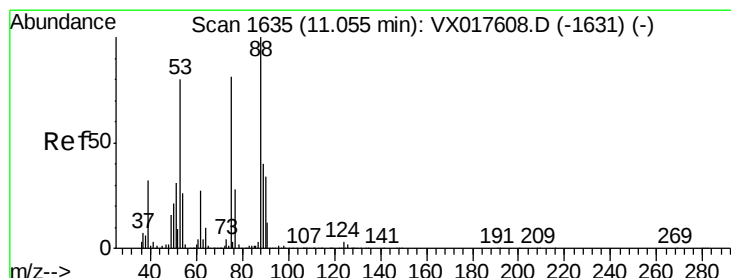
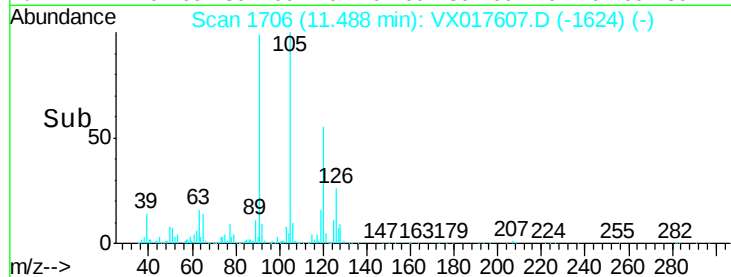
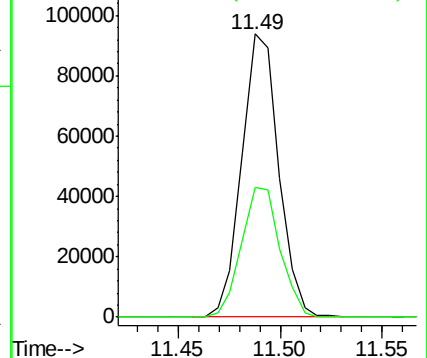
105 100

120 48.1 0.0 95.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#77

t-1,4-Dichloro-2-butene

Concen: 3.972 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

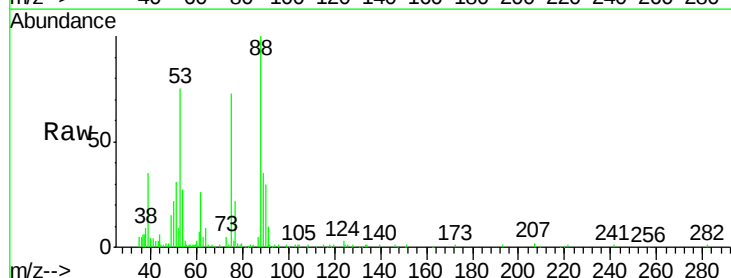
Tgt Ion: 75 Resp: 14962

Ion Ratio Lower Upper

75 100

53 102.7 49.0 147.0

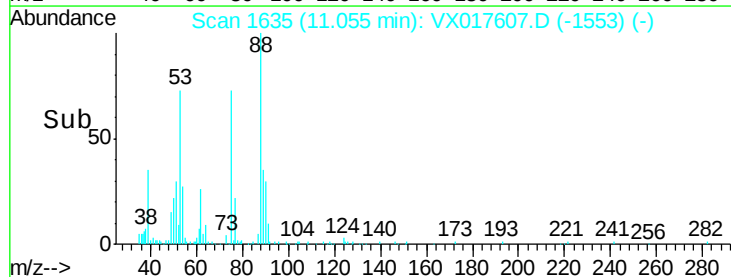
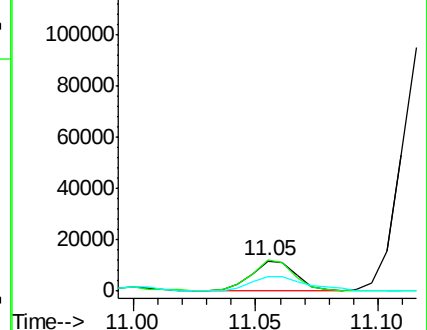
89 46.8 24.4 73.2

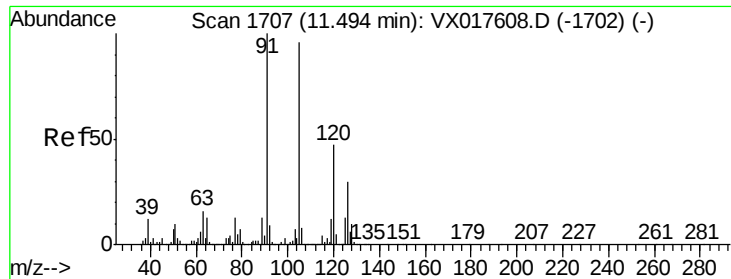


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0





#78

4-Chlorotoluene

Concen: 4.485 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

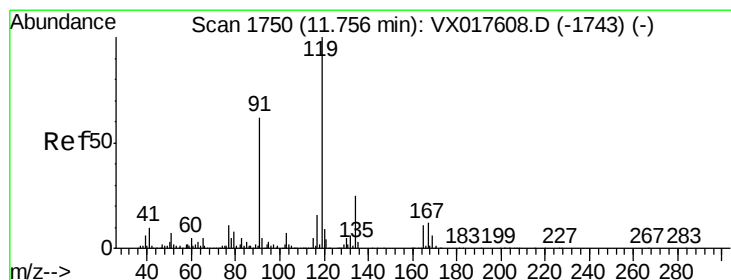
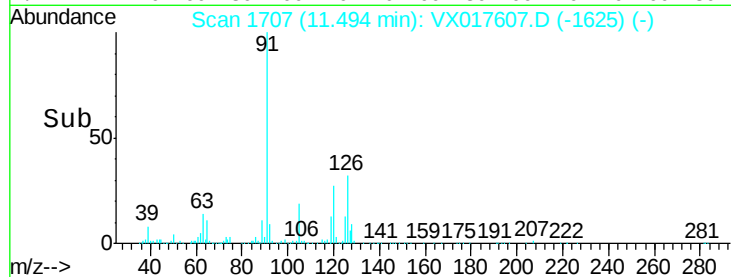
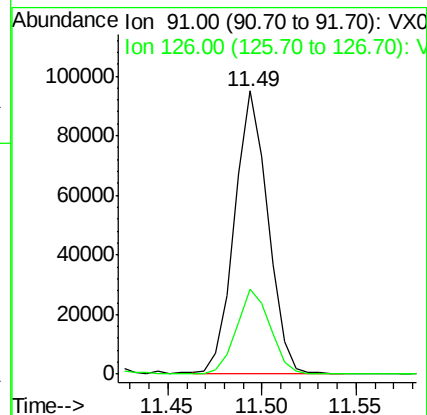
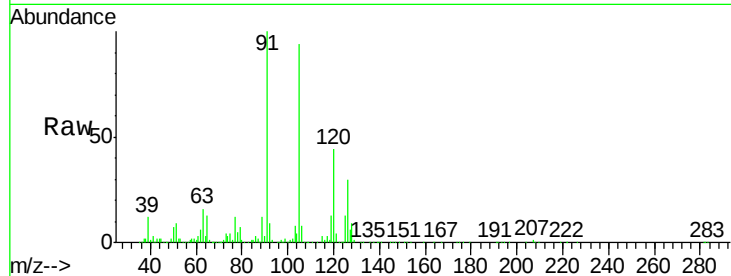
VSTDIC005

Tot Ion: 91 Resp: 116872

Ion Ratio Lower Upper

91 100

126 30.2 0.0 60.8



#79

tert-butylbenzene

Concen: 4.720 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

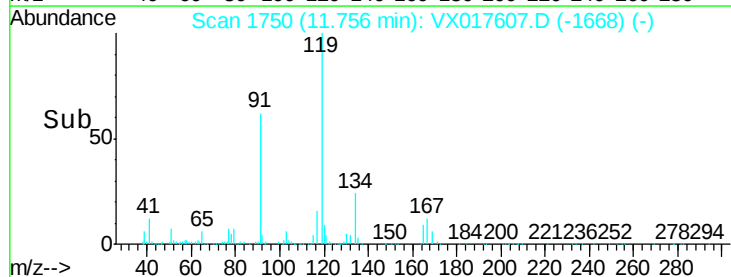
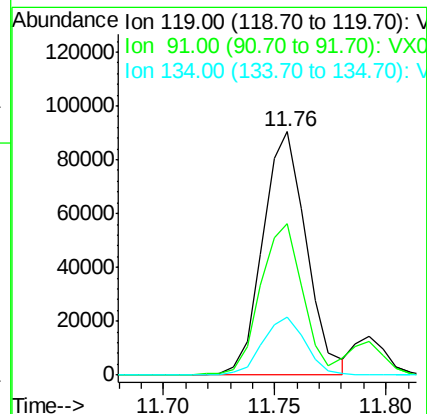
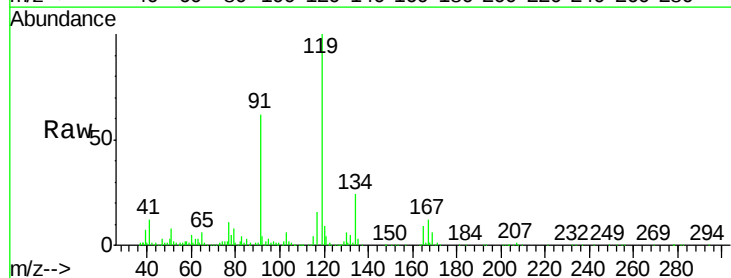
Tgt Ion: 119 Resp: 122728

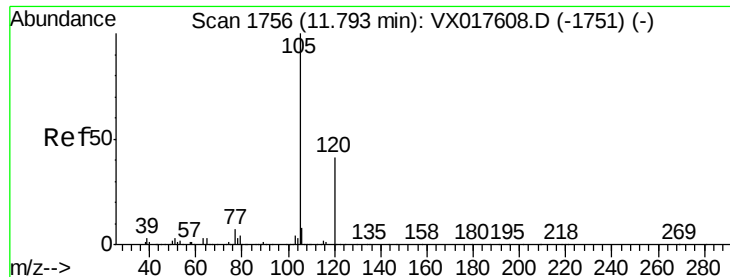
Ion Ratio Lower Upper

119 100

91 60.2 0.0 121.0

134 23.3 0.0 45.0





#80

1,2,4-Trimethylbenzene

Concen: 4.775 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

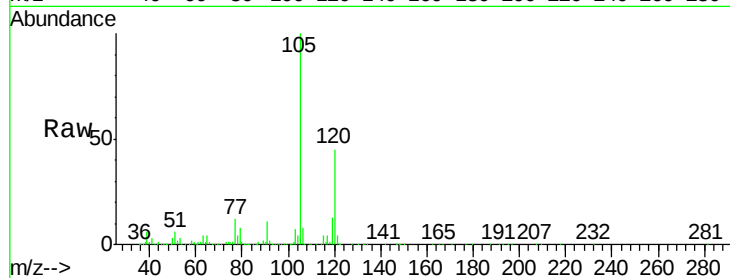
VSTDIC005

Tot Ion:105 Resp: 128550

Ion Ratio Lower Upper

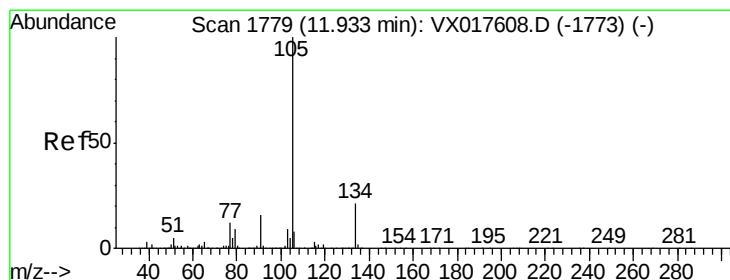
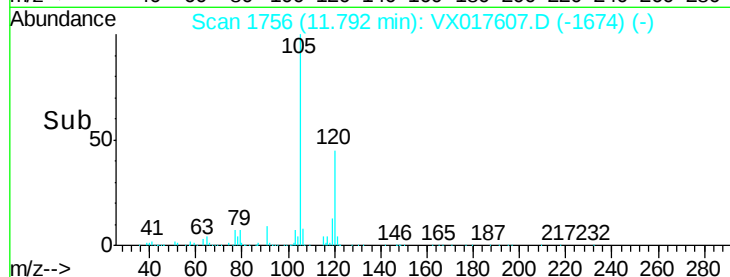
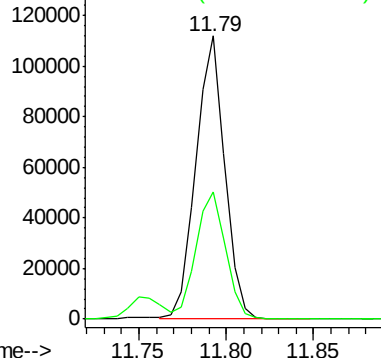
105 100

120 46.3 0.0 90.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

sec-Butylbenzene

Concen: 4.566 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017607.D

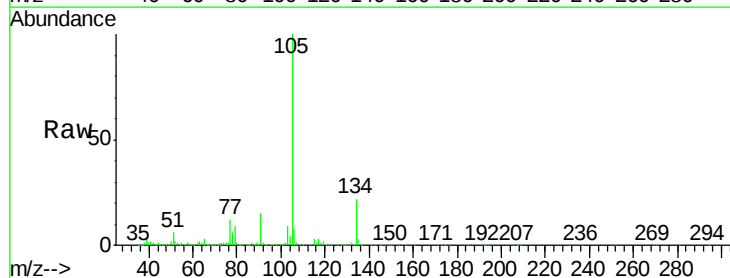
Acq: 27 Jul 2020 09:23

Tgt Ion:105 Resp: 137157

Ion Ratio Lower Upper

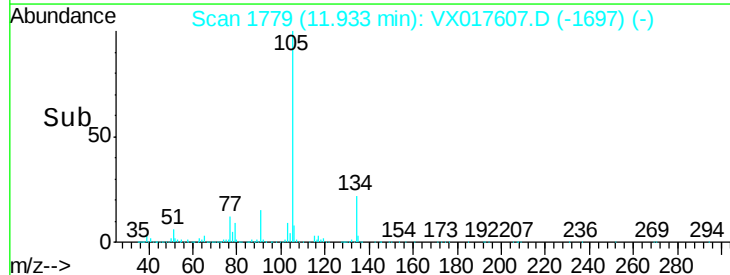
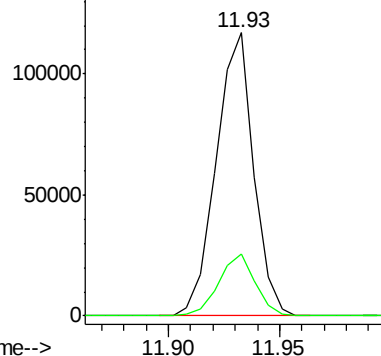
105 100

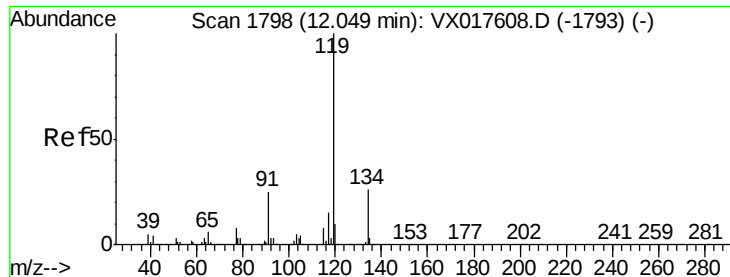
134 21.2 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

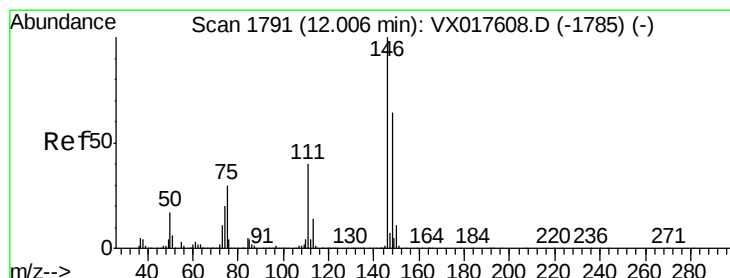
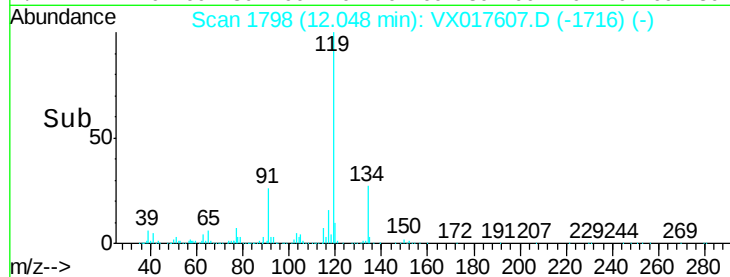
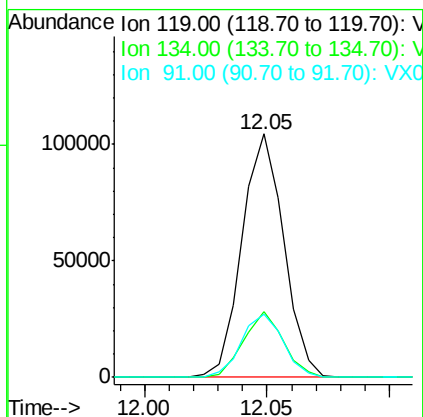
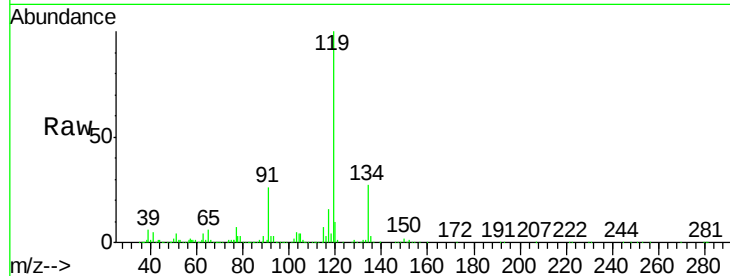




#82
p-Isopropyltoluene
Concen: 4.333 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

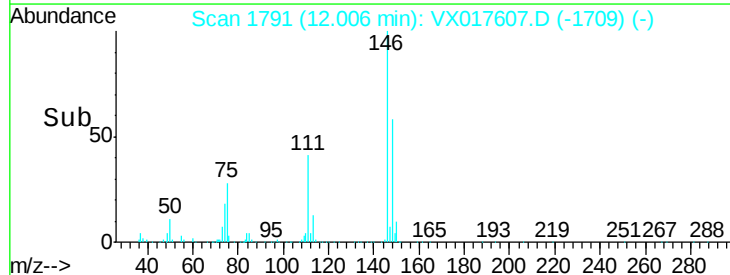
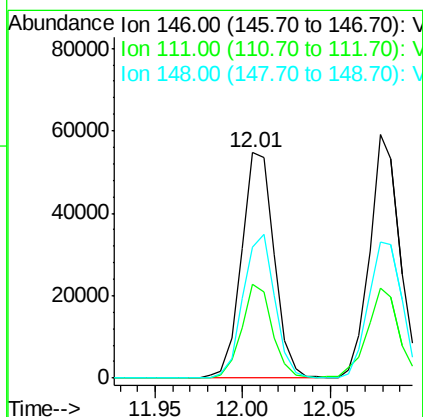
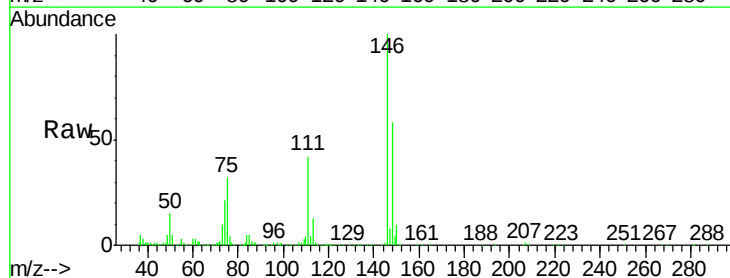
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

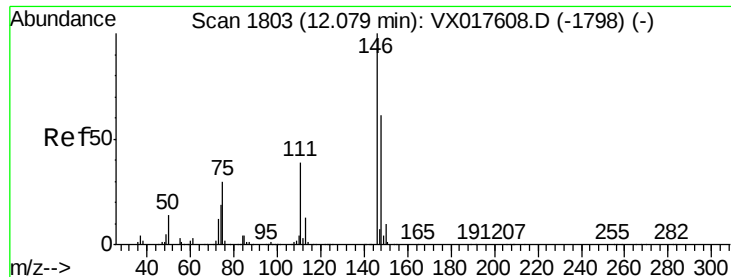
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.9	0.0	52.6
91	26.0	0.0	48.2



#83
1,3-Dichlorobenzene
Concen: 4.530 ug/l
RT: 12.01 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.9	59.7
148	61.8	32.6	98.0





#84

1,4-Dichlorobenzene

Concen: 4.405 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

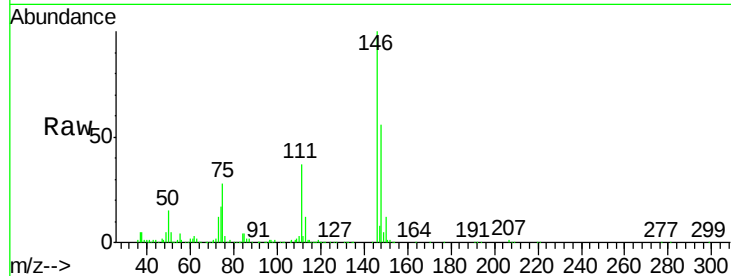
Tot Ion:146 Resp: 69980

Ion Ratio Lower Upper

146 100

111 38.7 18.7 56.1

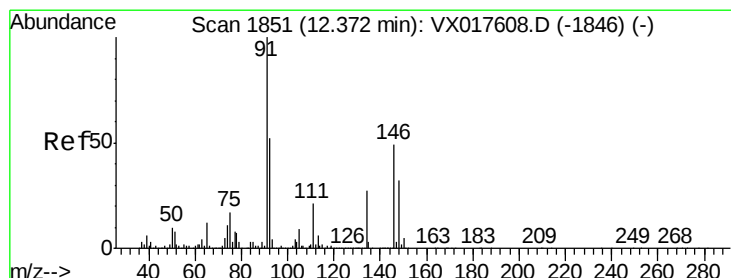
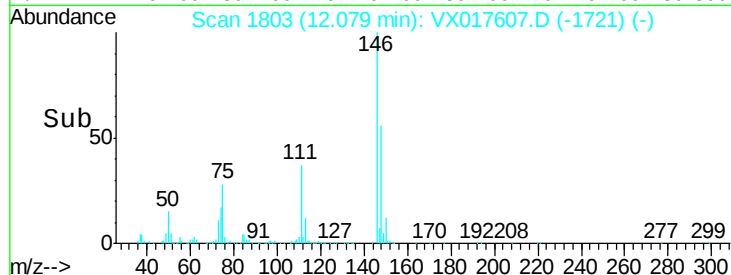
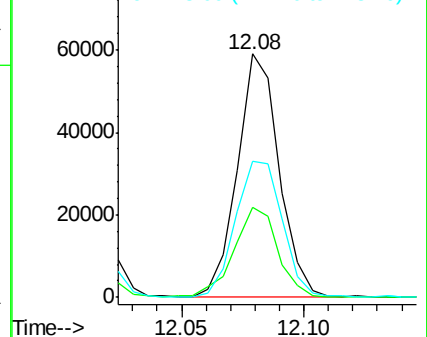
148 63.0 31.6 94.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#85

n-Butylbenzene

Concen: 5.251 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

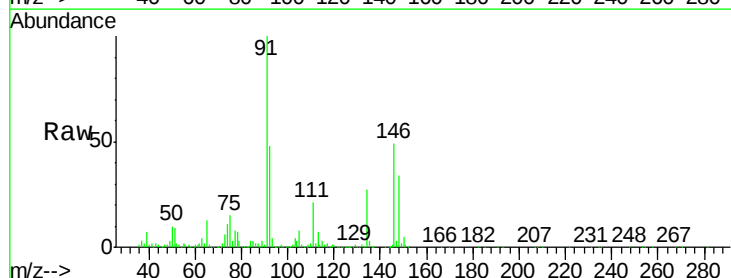
Tgt Ion: 91 Resp: 130615

Ion Ratio Lower Upper

91 100

92 50.1 0.0 104.0

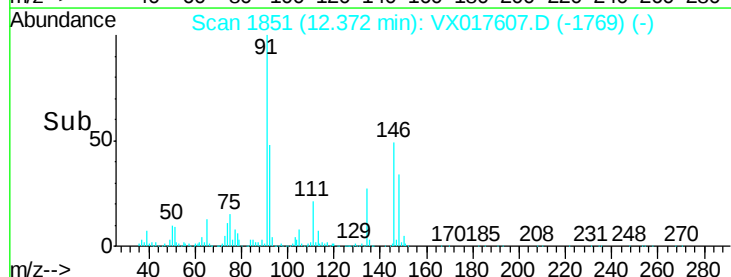
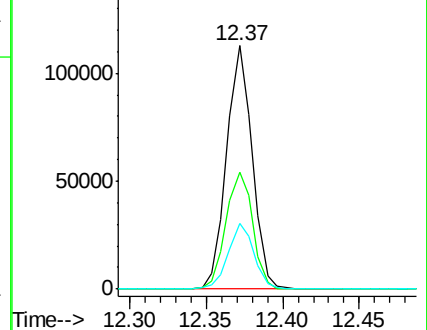
134 27.4 0.0 55.0

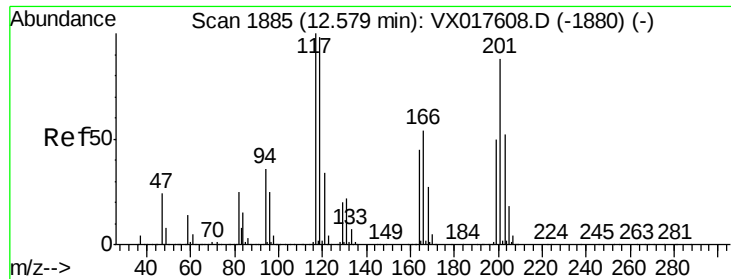


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

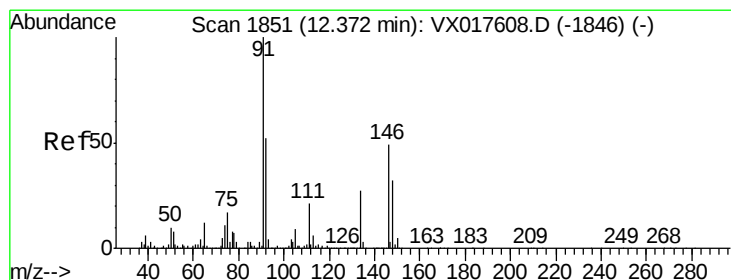
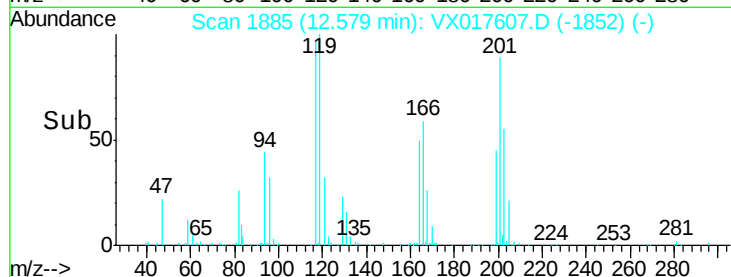
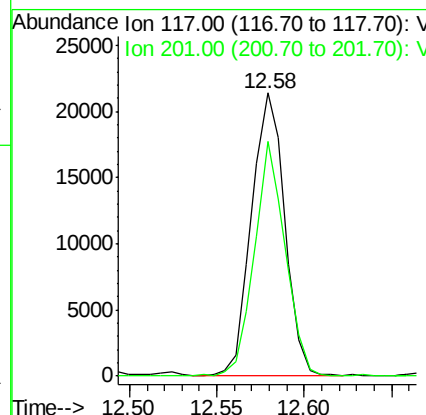
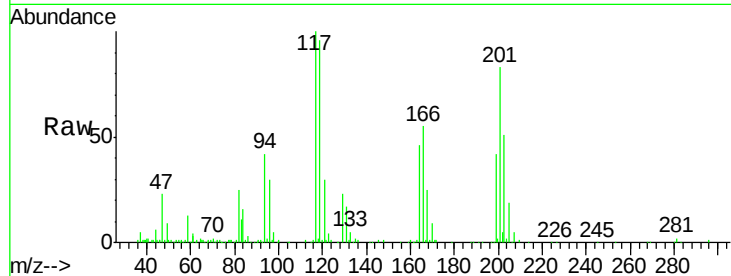




#86
Hexachloroethane
Concen: 5.108 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

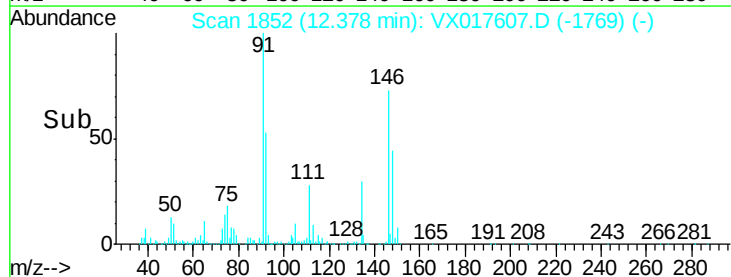
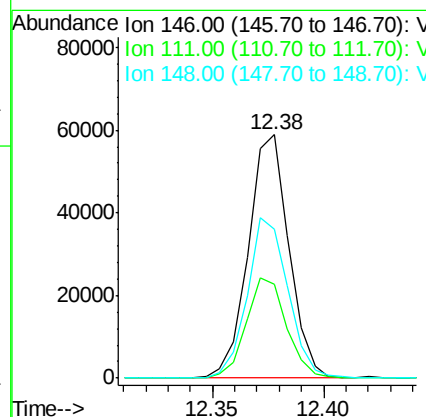
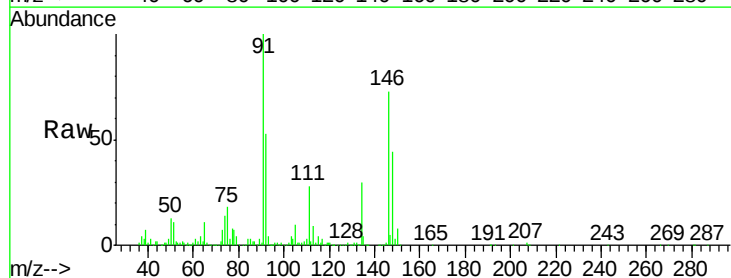
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

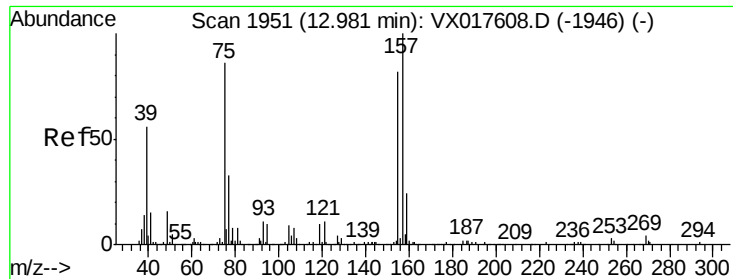
Tot Ion:117 Resp: 28590
Ion Ratio Lower Upper
117 100
201 76.7 43.1 129.3



#87
1,2-Dichlorobenzene
Concen: 4.932 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.01 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion:146 Resp: 75107
Ion Ratio Lower Upper
146 100
111 40.9 20.7 62.1
148 66.0 32.3 96.9





#88

1,2-Dibromo-3-Chloropropane

Concen: 4.672 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

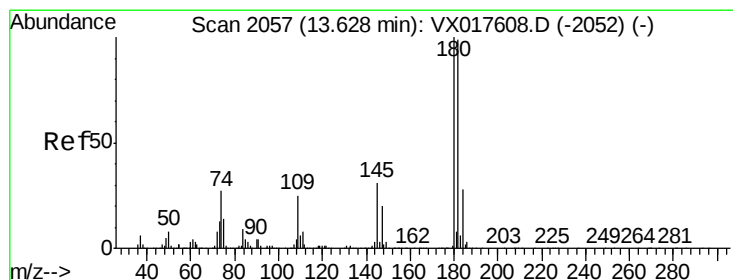
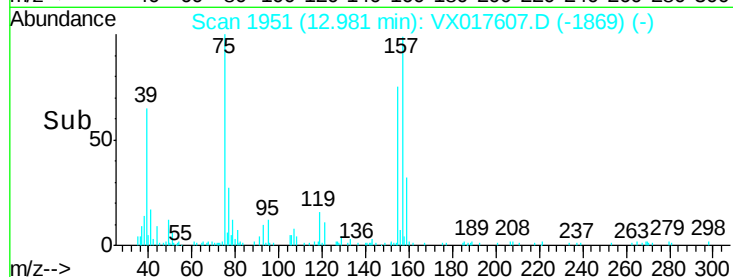
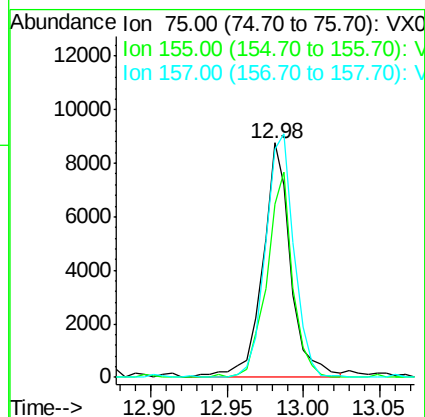
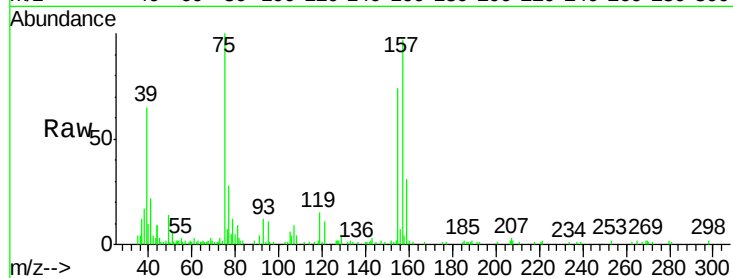
Tot Ion: 75 Resp: 11211

Ion Ratio Lower Upper

75 100

155 79.8 69.5 104.3

157 105.5 88.2 132.4



#89

1,2,4-Trichlorobenzene

Concen: 4.428 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

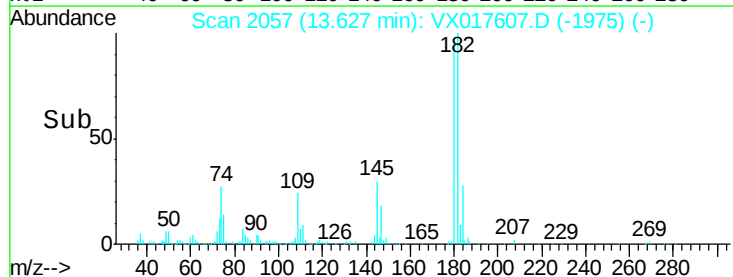
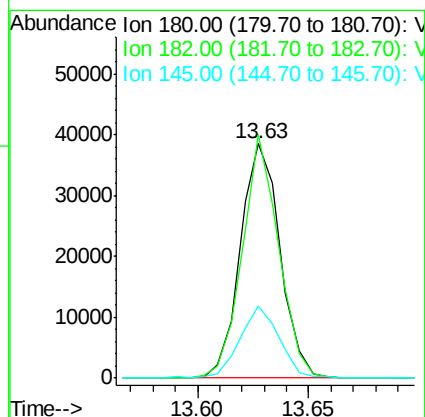
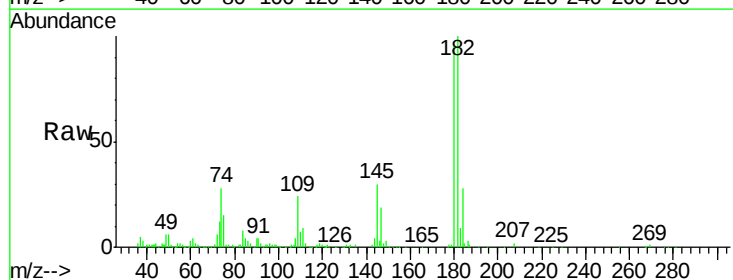
Tgt Ion:180 Resp: 47920

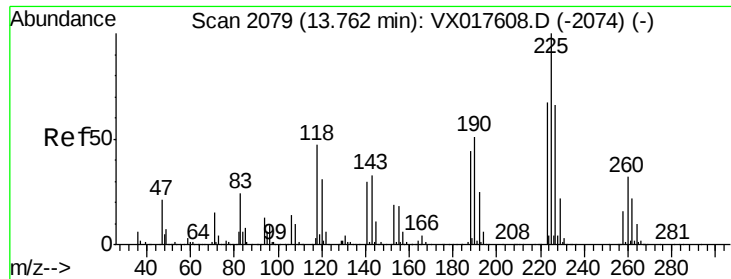
Ion Ratio Lower Upper

180 100

182 95.1 77.4 116.0

145 30.2 24.9 37.3

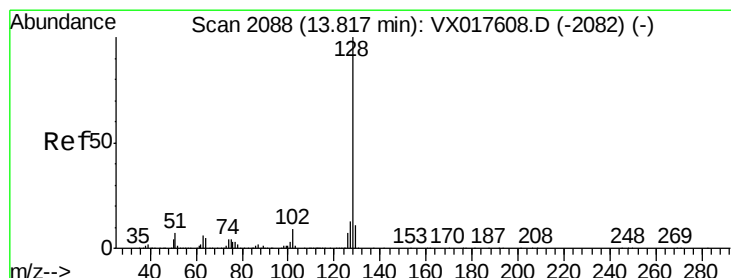
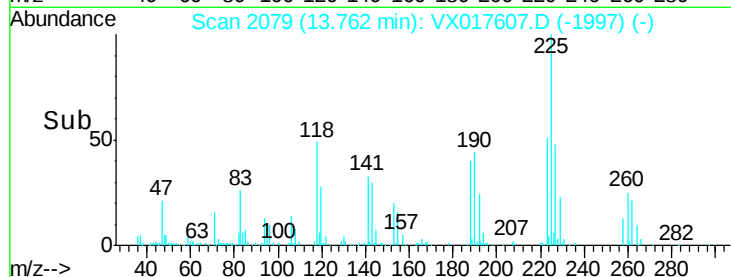
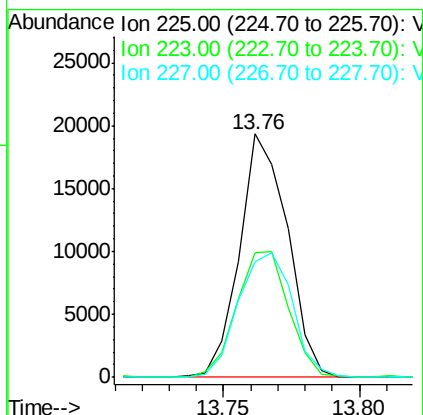
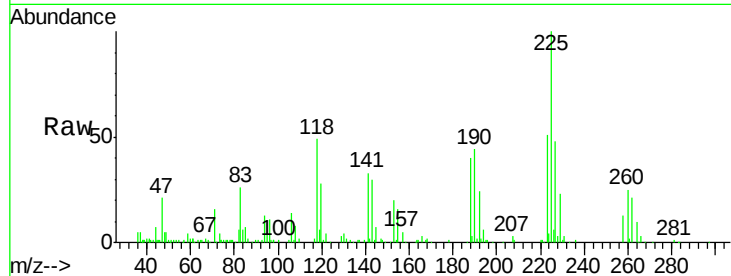




#90
Hexachlorobutadiene
Concen: 5.346 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

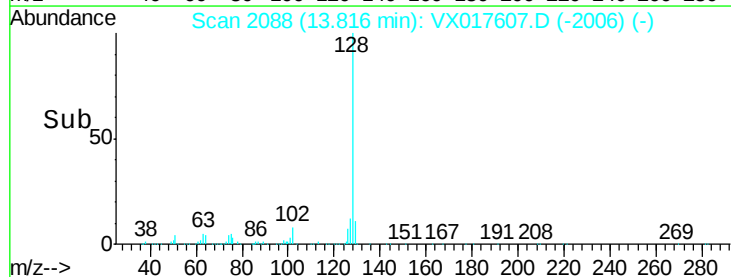
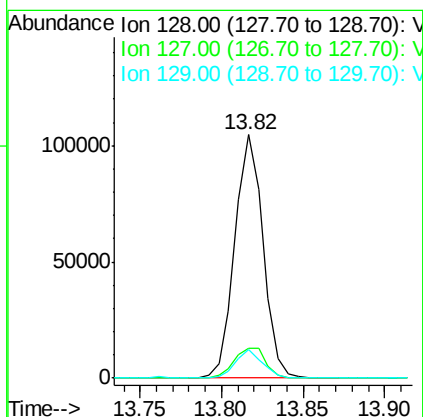
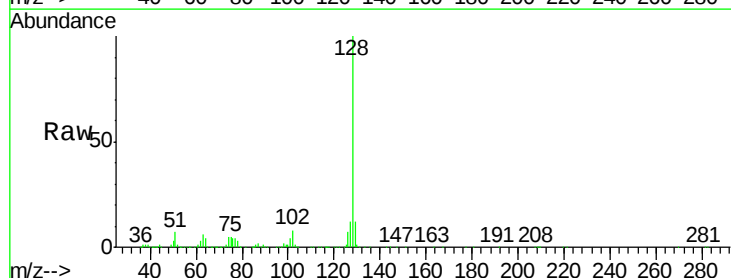
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

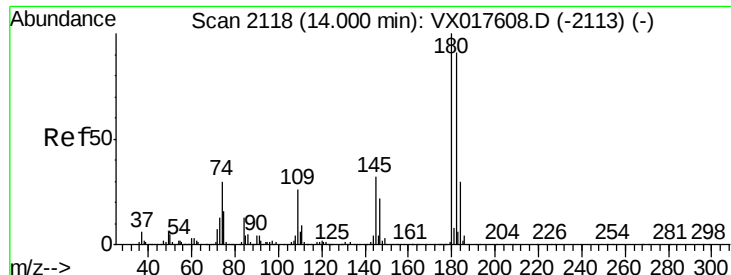
Tot Ion:225 Resp: 23611
Ion Ratio Lower Upper
225 100
223 56.4 0.0 130.8
227 58.1 0.0 127.2



#91
Naphthalene
Concen: 3.827 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion:128 Resp: 126144
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.2
129 11.4 8.7 13.1





#92
 1,2,3-Trichlorobenzene
 Concen: 4.239 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.5	0.0	190.2
145	35.5	0.0	63.8

