

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
 Data File : VX017610.D
 Acq On : 27 Jul 2020 10:31
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 27 11:35:47 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	100987	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	495890	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	502118	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	224763	30.82	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.73%
60) 4-Bromofluorobenzene	11.12	95	266075	30.65	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.17%
63) Toluene-d8	8.70	98	639983	29.14	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.13%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	839648	161.489	ug/l 98
3) Chloromethane	1.31	50	801201	149.063	ug/l 98
4) Vinyl Chloride	1.39	62	805483	145.540	ug/l 98
5) Bromomethane	1.62	94	433737	120.477	ug/l 95
6) Chloroethane	1.70	64	443343	127.332	ug/l 100
7) Trichlorofluoromethane	1.91	101	1210160	129.828	ug/l 99
8) Diethyl Ether	2.17	74	335352	107.296	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	526808	108.655	ug/l 99
10) 1,1-Dichloroethene	2.36	96	483765	101.957	ug/l 96
11) Methyl Iodide	2.49	142	711884	124.585	ug/l 97
12) Methyl Acetate	2.75	43	735506	109.315	ug/l 100
13) Acrolein	2.27	56	567464	648.861	ug/l 99
14) Acrylonitrile	3.12	53	1577467	529.218	ug/l 99
15) Acetone	2.42	58	417445	541.810	ug/l 97
16) Carbon Disulfide	2.55	76	1324148	103.876	ug/l 100
17) Allyl chloride	2.70	41	919235	103.479	ug/l 97
18) Methylene Chloride	2.84	84	544056	93.637	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	520136	95.996	ug/l 98
20) Diisopropyl ether	3.82	45	1854410	104.992	ug/l # 88
21) 1,1-Dichloroethane	3.67	63	984657	100.523	ug/l 97
22) cis-1,2-Dichloroethene	4.56	96	632214	101.111	ug/l 99
23) tert-Butyl Alcohol	3.02	59	728103	571.251	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	1978106	108.136	ug/l 99
25) Chloroform	5.18	83	1078271	101.702	ug/l 97
26) Cyclohexane	5.55	56	929489	118.605	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	739842	105.072	ug/l 97
30) 2-Butanone	4.64	43	2162364	559.000	ug/l 99
31) 2,2-Dichloropropane	4.55	77	991119	111.049	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	1037348	112.519	ug/l 98
33) Carbon Tetrachloride	5.76	117	933352	109.067	ug/l 99
34) Benzene	6.11	78	2163273	105.304	ug/l 99
35) Methacrylonitrile	5.01	41	478988	109.916	ug/l 96
36) 1,2-Dichloroethane	6.17	62	886588	107.638	ug/l 99
37) Trichloroethene	7.19	130	627120	98.981	ug/l 99
38) Methylcyclohexane	7.44	83	1028012	135.999	ug/l 99
39) 1,2-Dichloropropane	7.49	63	575224	105.087	ug/l 100
40) Dibromomethane	7.64	93	391153	99.083	ug/l 97

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 ClientSampleId :
 VSTDICC100

Quant Time: Jul 27 11:35:47 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)
41) Bromodichloromethane	7.88	83	966800	116.309	ug/l	92
42) Vinyl Acetate	3.79	43	6943097	484.868	ug/l	100
43) Ethyl Acetate	4.79	43	776720	104.326	ug/l	99
44) Isopropyl Acetate	6.41	43	1449652	115.873	ug/l	100
45) 1,4-Dioxane	7.71	88	279627	2278.380	ug/l	99
46) Methyl methacrylate	7.74	41	681892	112.099	ug/l	98
47) n-amyl Acetate	10.88	43	1294957	117.150	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	1053769	114.093	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	1120067	115.777	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	600626	103.586	ug/l	98
51) Ethyl methacrylate	9.16	69	911587	106.430	ug/l	98
52) 1,3-Dichloropropane	9.35	76	973942	103.838	ug/l	99
53) Dibromochloromethane	9.57	129	795174	113.160	ug/l	98
54) 1,2-Dibromoethane	9.65	107	628512	101.785	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	2676673	665.006	ug/l	100
56) Bromoform	10.84	173	585308	105.596	ug/l	97
58) 4-Methyl-2-Pentanone	8.62	43	4475804	524.122	ug/l	99
59) 2-Hexanone	9.48	43	3101821	497.029	ug/l	99
61) Tetrachloroethene	9.32	164	636182	95.364	ug/l	96
62) Toluene	8.76	91	2461841	98.151	ug/l	98
64) Chlorobenzene	10.12	112	1664972	102.482	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	694943	103.258	ug/l	98
66) Ethyl Benzene	10.23	91	2771648	100.496	ug/l	97
67) m/p-Xylenes	10.34	106	2128536	201.150	ug/l	100
68) o-Xylene	10.68	106	1064528	104.554	ug/l	96
69) Styrene	10.70	104	1903080	105.765	ug/l	100
70) Isopropylbenzene	11.00	105	3289415	115.043	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	863593	99.317	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	1131994	132.009	ug/l	92
73) Bromobenzene	11.24	156	809164	101.845	ug/l	98
74) n-propylbenzene	11.34	91	3480329	106.684	ug/l	100
75) 2-Chlorotoluene	11.40	91	2183708	110.578	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	2505744	104.498	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	359661	106.556	ug/l	96
78) 4-Chlorotoluene	11.49	91	2359169	101.022	ug/l	100
79) tert-butylbenzene	11.76	119	2497194	107.165	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	2655760	110.077	ug/l	99
81) sec-Butylbenzene	11.93	105	3188008	118.420	ug/l	99
82) p-Isopropyltoluene	12.05	119	2872595	112.122	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	1473048	104.892	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	1427027	100.243	ug/l	99
85) n-Butylbenzene	12.37	91	2840415	127.422	ug/l	99
86) Hexachloroethane	12.58	117	612537	122.113	ug/l	91
87) 1,2-Dichlorobenzene	12.38	146	1518950	111.291	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	259047	120.470	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	1034241	106.638	ug/l	99
90) Hexachlorobutadiene	13.77	225	459881	116.191	ug/l	99
91) Naphthalene	13.82	128	3130698	105.982	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	1006719	105.567	ug/l	100

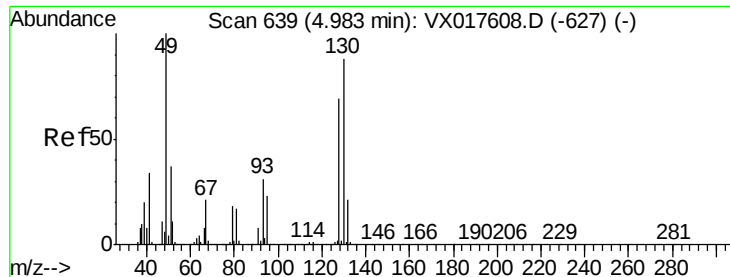
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Jul 27 11:35:47 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)
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(#) = 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: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

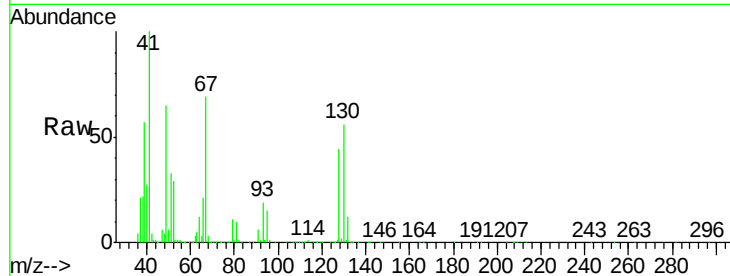
Tot Ion:128 Resp: 100987

Ion Ratio Lower Upper

128 100

49 153.8 0.0 376.0

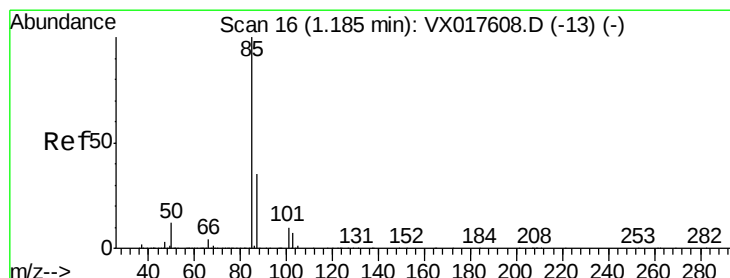
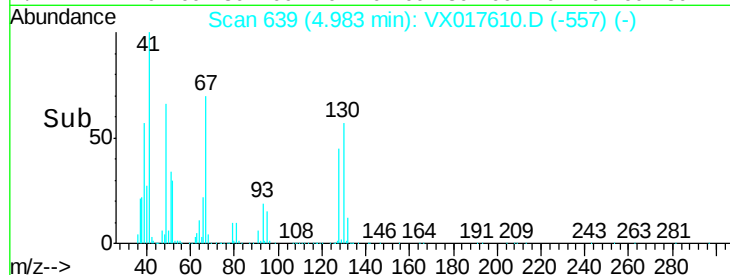
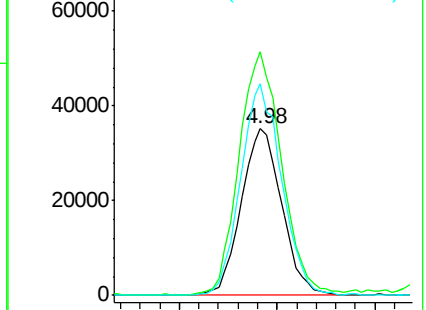
130 128.2 0.0 323.0



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: 161.489 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017610.D

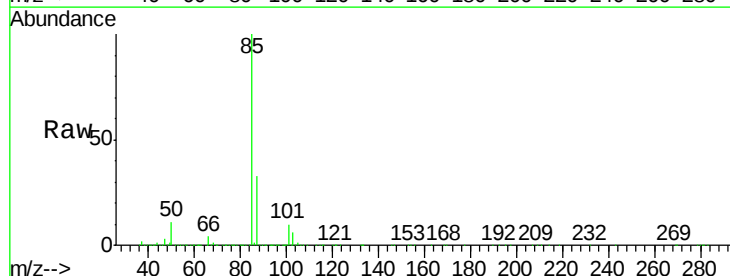
Acq: 27 Jul 2020 10:31

Tgt Ion: 85 Resp: 839648

Ion Ratio Lower Upper

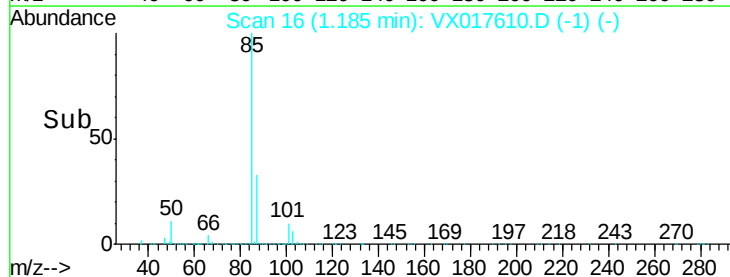
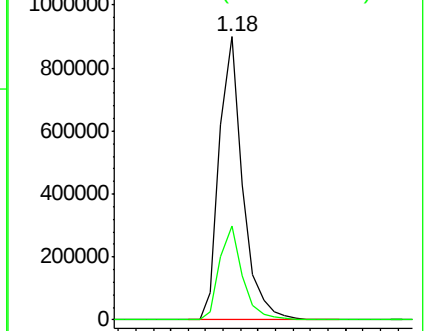
85 100

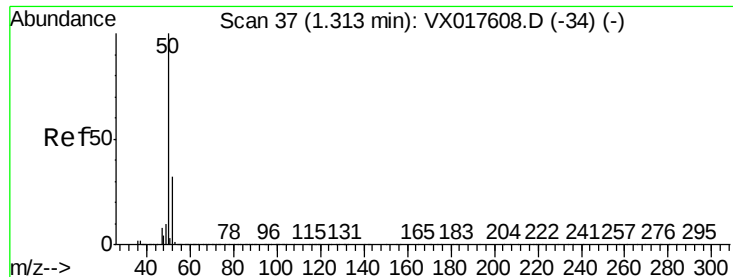
87 33.2 17.3 51.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

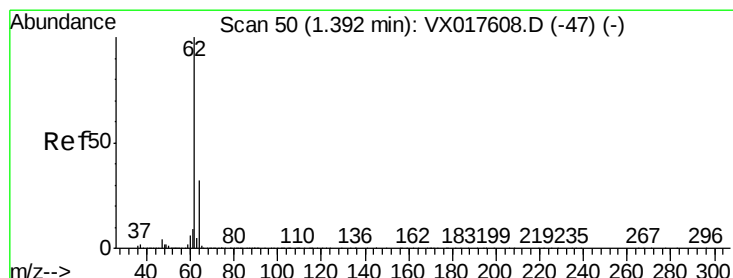
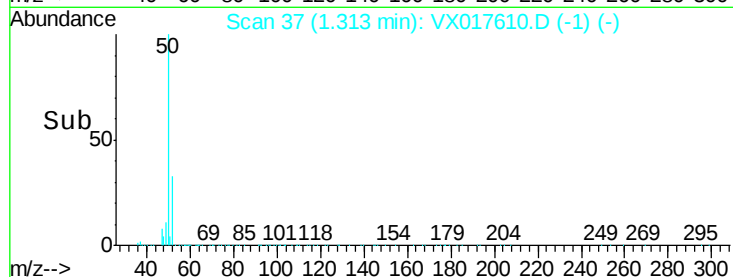
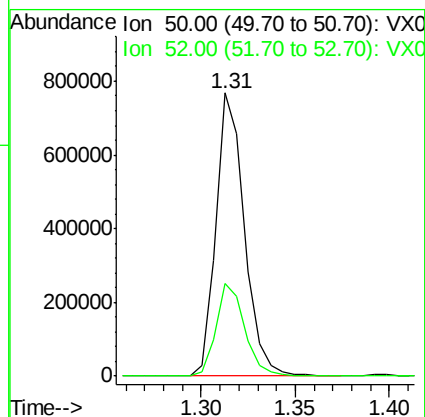
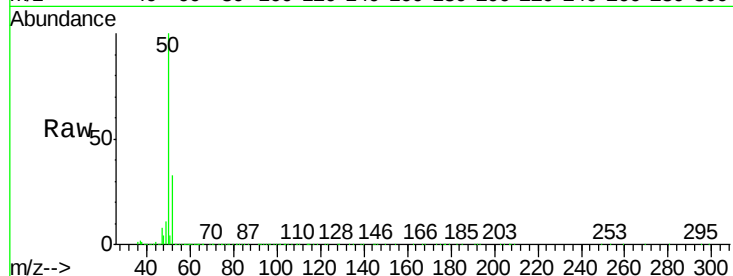




#3
Chloromethane
Concen: 149.063 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

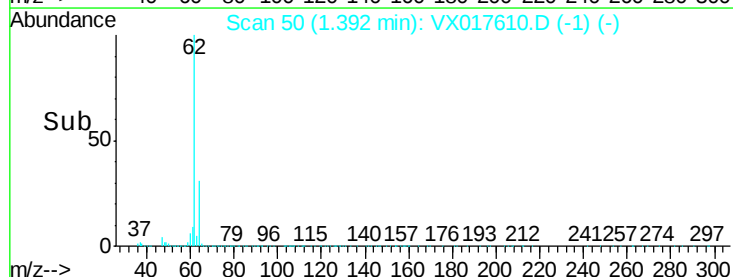
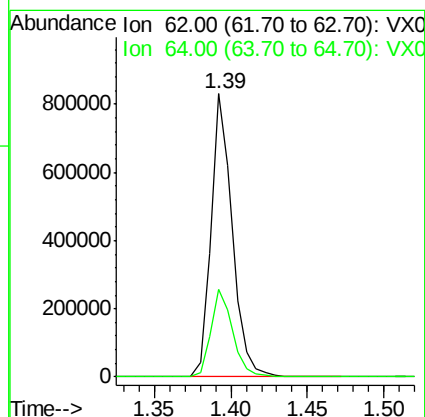
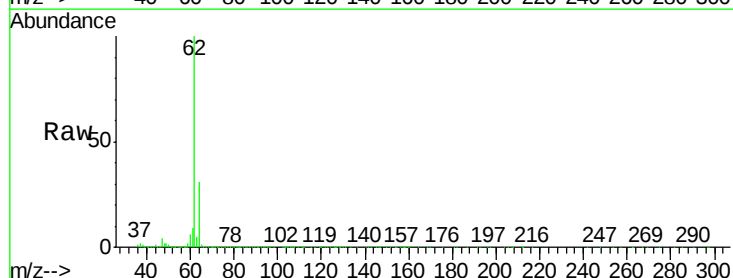
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

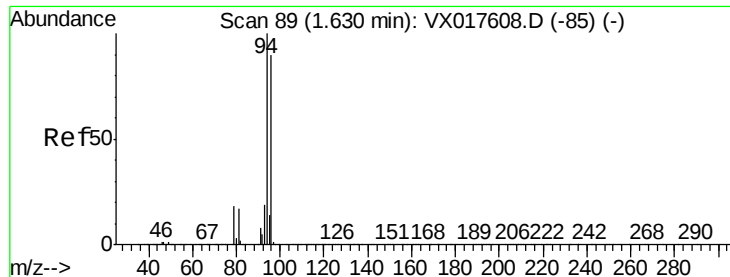
Tot Ion: 50 Resp: 801201
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3



#4
Vinyl Chloride
Concen: 145.540 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

Tgt Ion: 62 Resp: 805483
Ion Ratio Lower Upper
62 100
64 31.0 25.8 38.8





#5

Bromomethane

Concen: 120.477 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

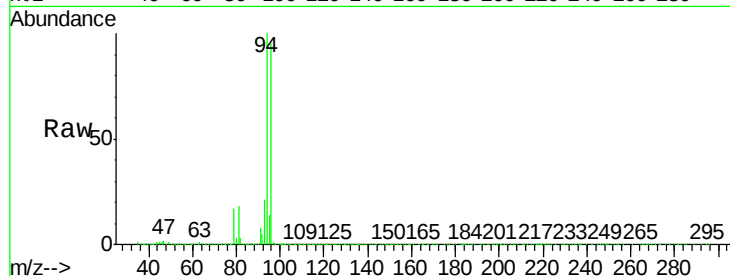
VSTDIC100

Tot Ion: 94 Resp: 433737

Ion Ratio Lower Upper

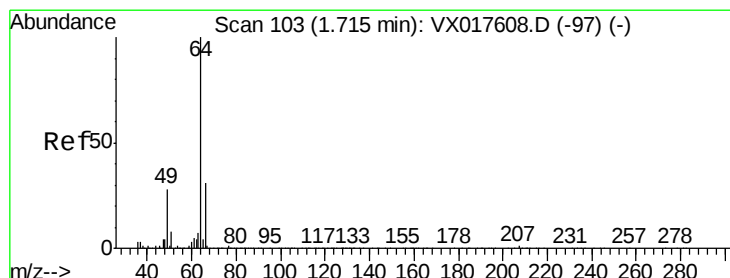
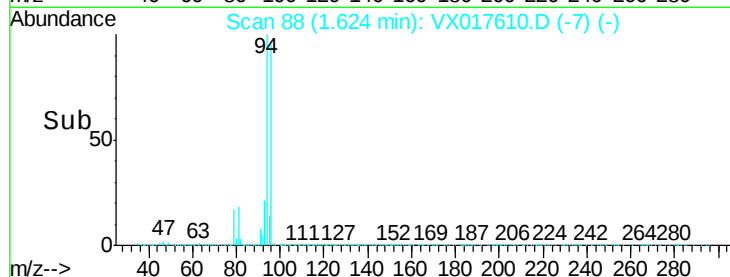
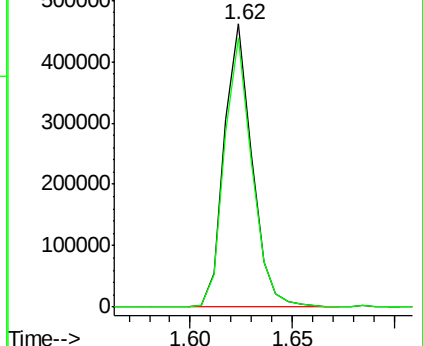
94 100

96 95.2 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: 127.332 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017610.D

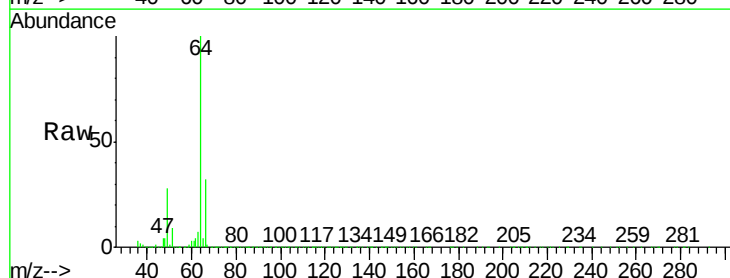
Acq: 27 Jul 2020 10:31

Tgt Ion: 64 Resp: 443343

Ion Ratio Lower Upper

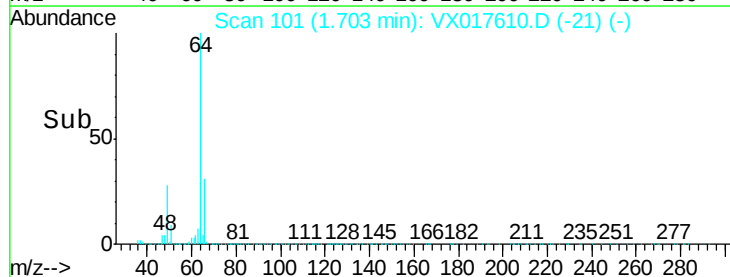
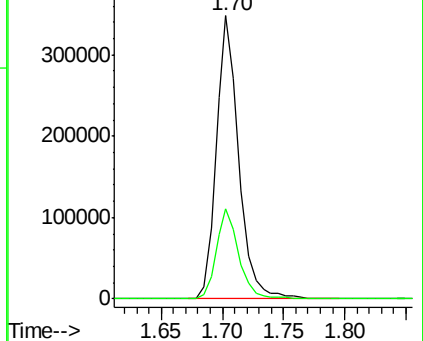
64 100

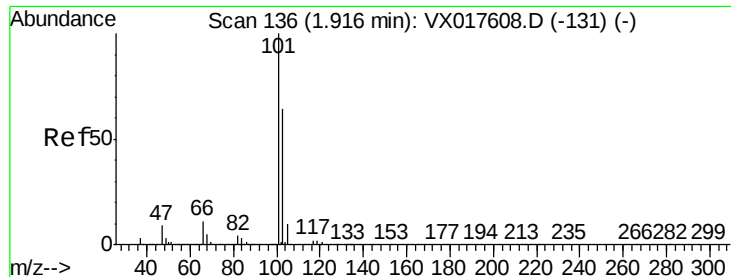
66 31.6 25.1 37.7



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



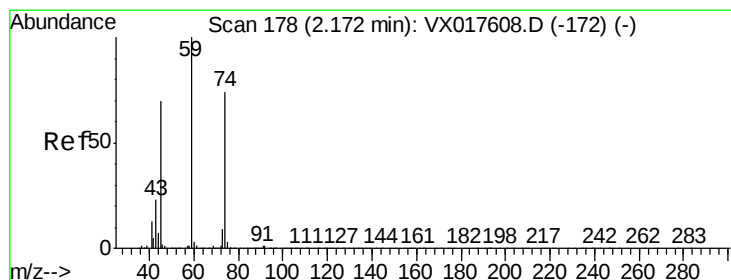
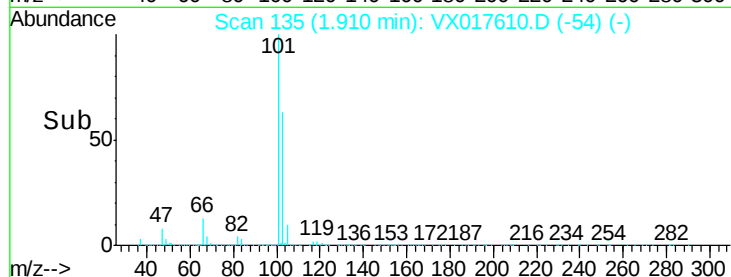
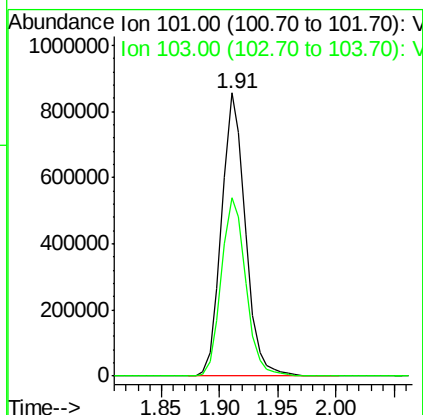
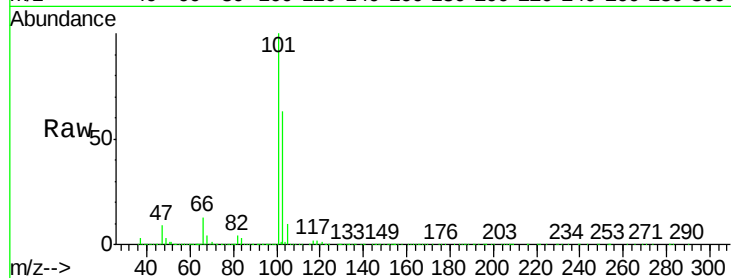


#7

Trichlorofluoromethane
Concen: 129.828 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

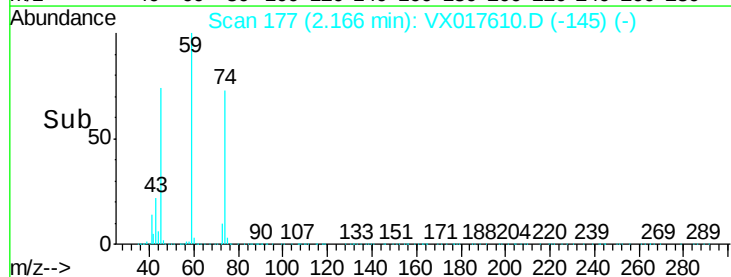
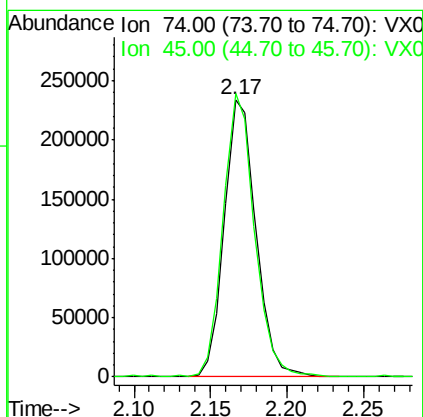
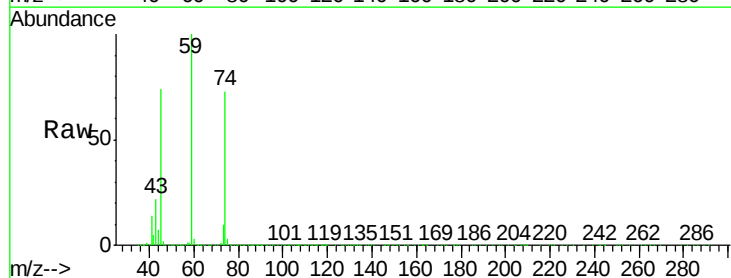
Tot Ion:101 Resp: 1210160
Ion Ratio Lower Upper
101 100
103 63.1 51.3 76.9

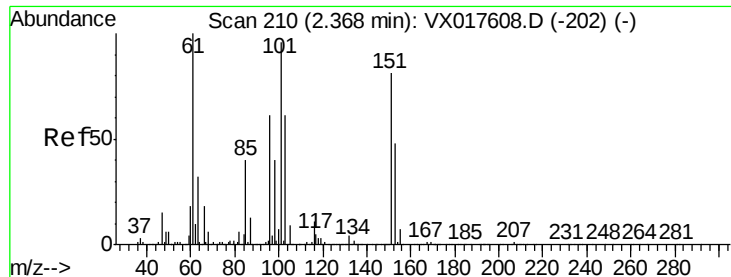


#8

Diethyl Ether
Concen: 107.296 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

Tgt Ion: 74 Resp: 335352
Ion Ratio Lower Upper
74 100
45 100.1 21.1 190.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 108.655 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

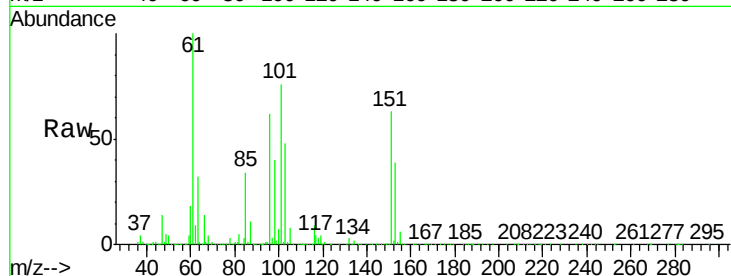
Tot Ion:101 Resp: 526808

Ion Ratio Lower Upper

101 100

85 44.3 0.0 90.6

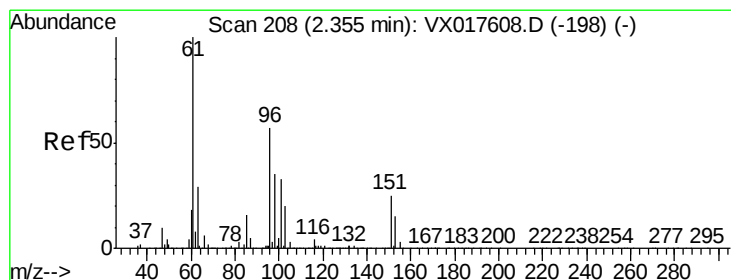
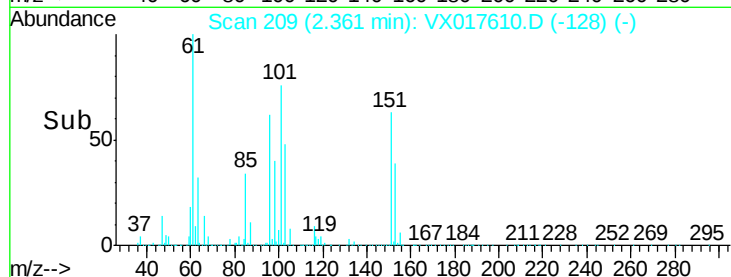
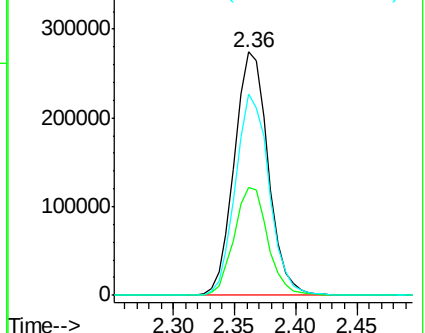
151 82.4 0.0 163.2



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: 101.957 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

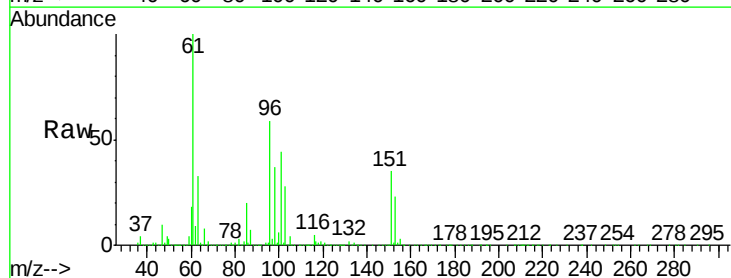
Tgt Ion: 96 Resp: 483765

Ion Ratio Lower Upper

96 100

61 170.3 141.2 211.8

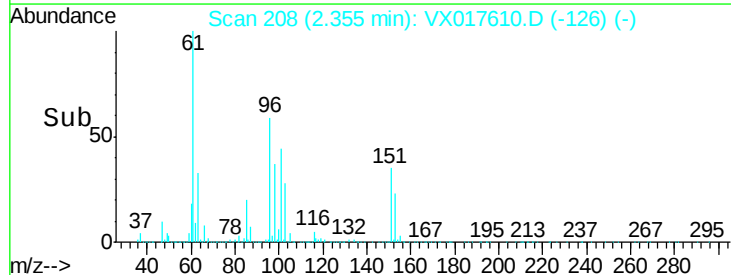
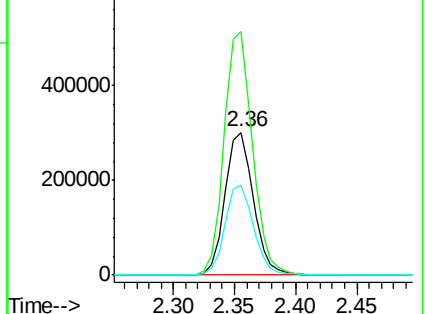
98 62.8 49.4 74.2

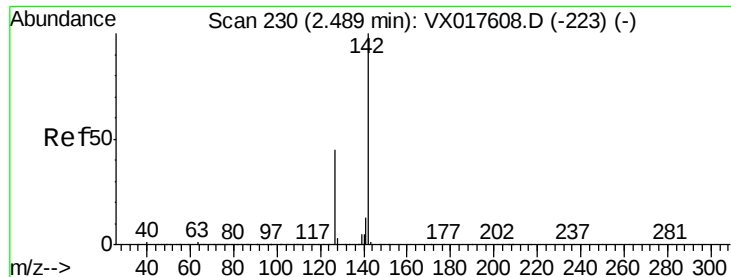


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

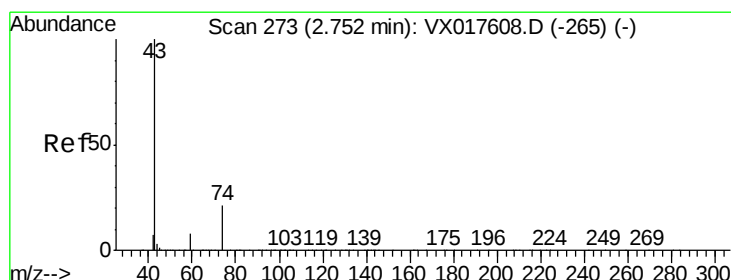
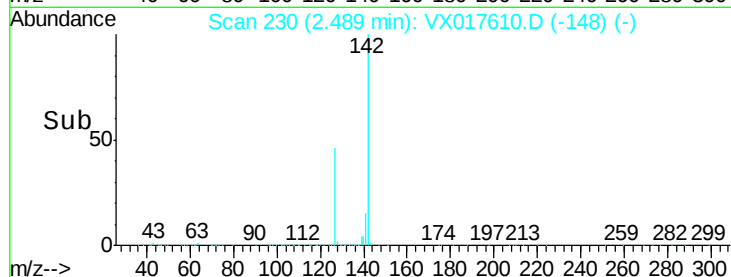
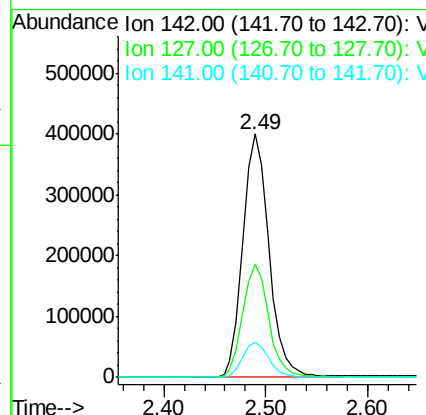
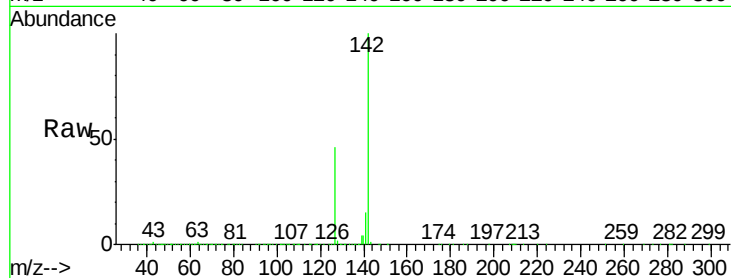




#11
Methvl Iodide
Concen: 124.585 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

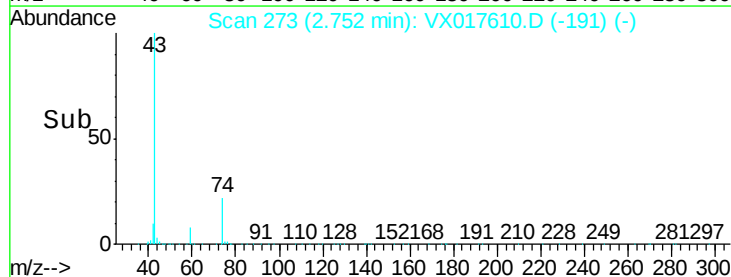
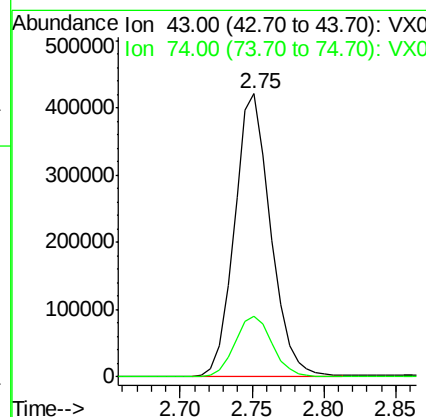
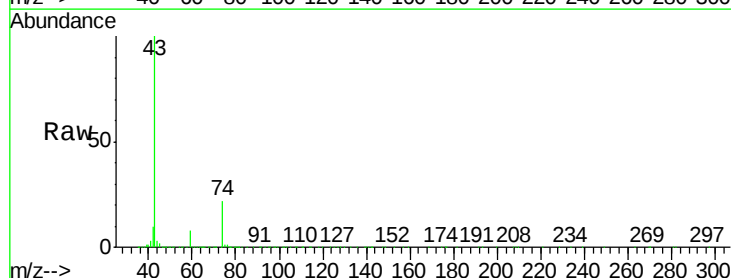
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

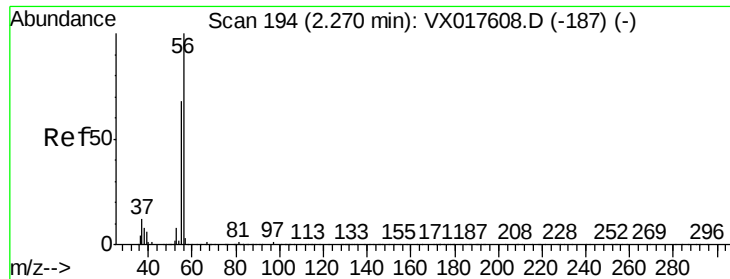
Tot Ion:142 Resp: 711884
Ion Ratio Lower Upper
142 100
127 46.3 22.4 67.0
141 14.5 6.6 19.7



#12
Methyl Acetate
Concen: 109.315 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

Tgt Ion: 43 Resp: 735506
Ion Ratio Lower Upper
43 100
74 21.5 17.1 25.7





#13

Acrolein

Concen: 648.861 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

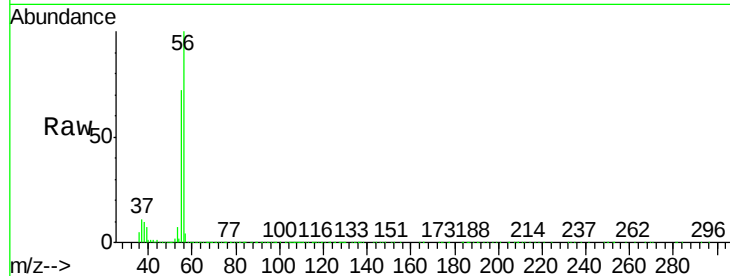
VSTDIC100

Tot Ion: 56 Resp: 567464

Ion Ratio Lower Upper

56 100

55 72.0 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

400000

300000

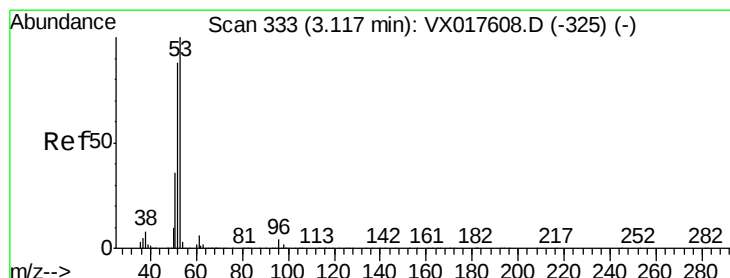
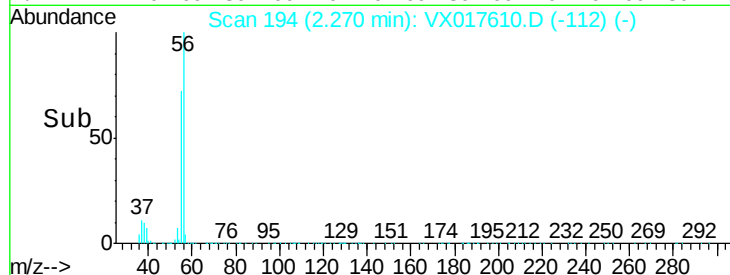
200000

100000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Acrylonitrile

Concen: 529.218 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

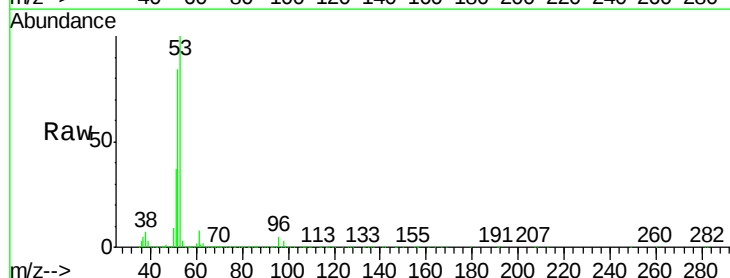
Tgt Ion: 53 Resp: 1577467

Ion Ratio Lower Upper

53 100

52 84.0 41.4 124.4

51 37.2 18.4 55.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

1000000

800000

600000

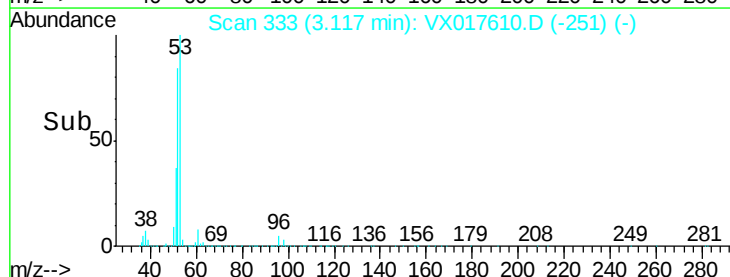
400000

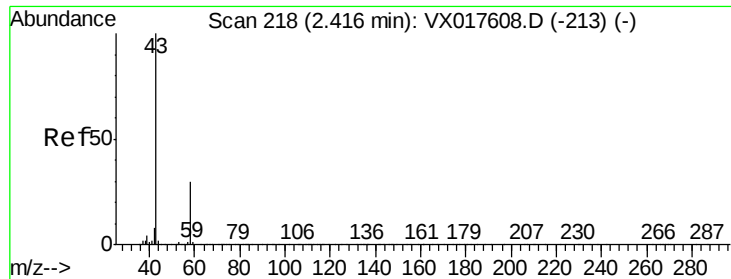
200000

0

Time-->

3.00 3.10 3.20





#15

Acetone

Concen: 541.810 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

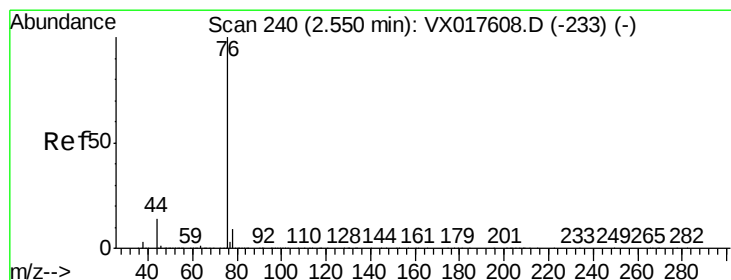
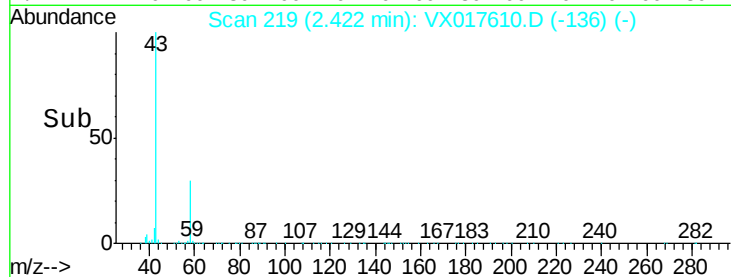
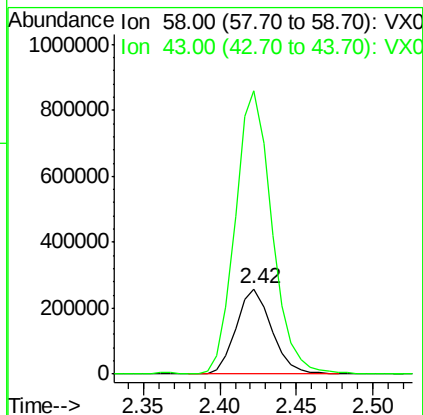
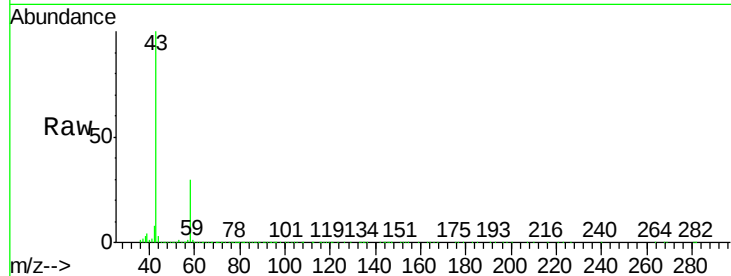
VSTDIC100

Tot Ion: 58 Resp: 417445

Ion Ratio Lower Upper

58 100

43 330.4 268.6 402.8



#16

Carbon Disulfide

Concen: 103.876 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017610.D

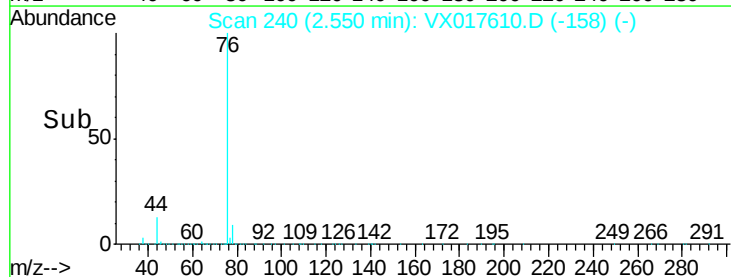
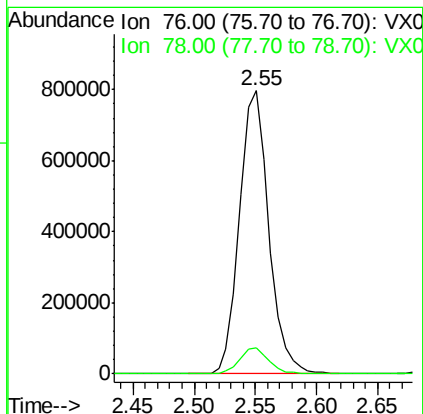
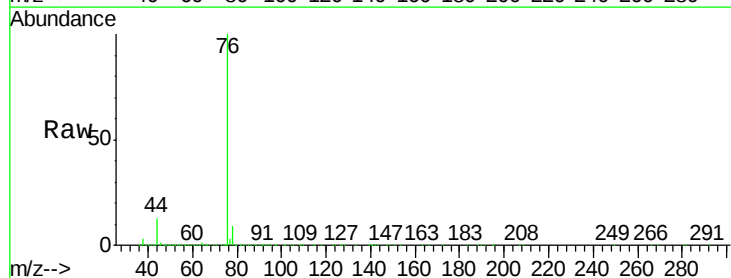
Acq: 27 Jul 2020 10:31

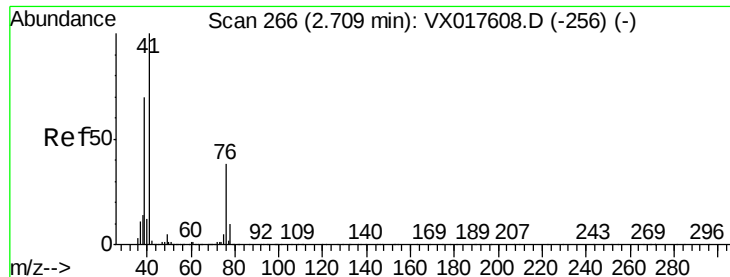
Tgt Ion: 76 Resp: 1324148

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

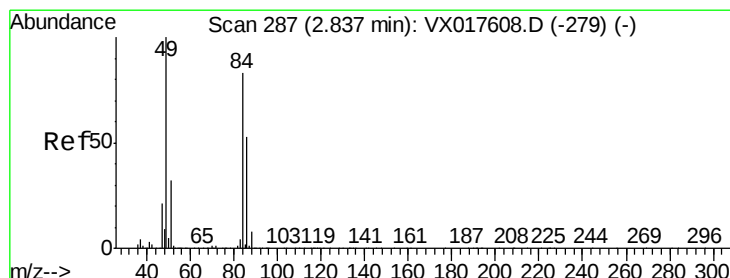
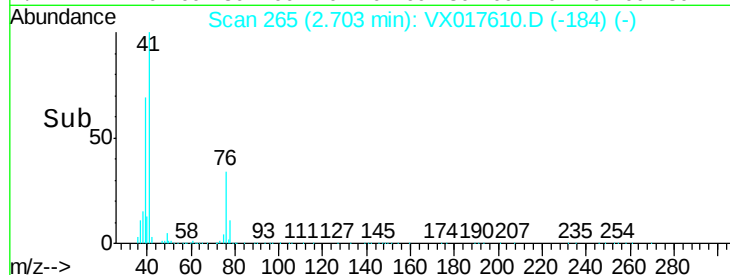
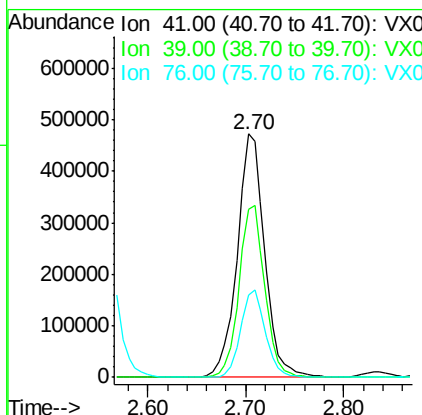
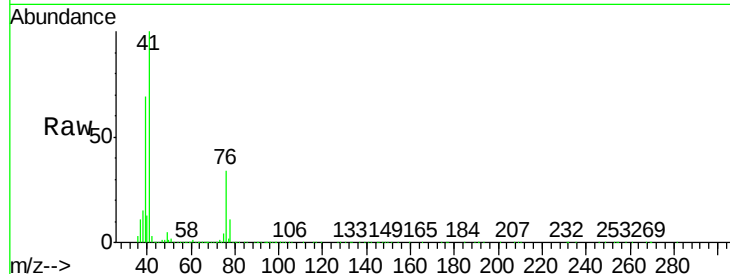




#17
Allvl chloride
Concen: 103.479 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

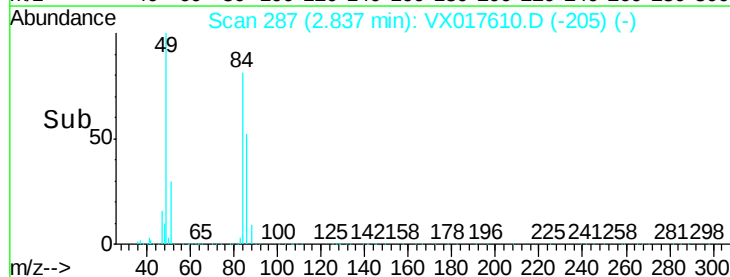
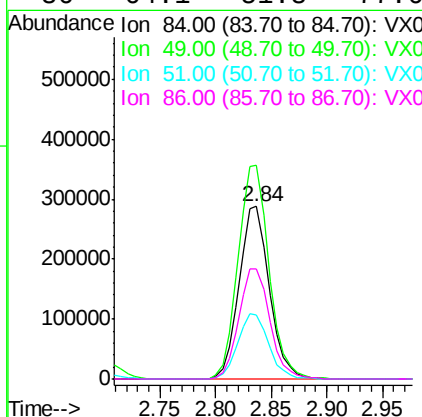
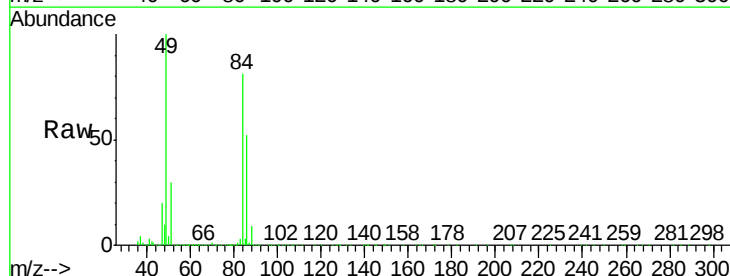
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

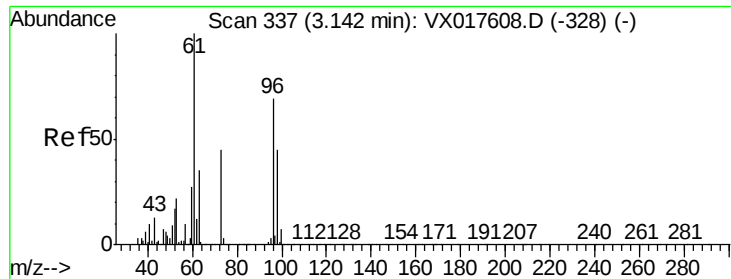
Tot Ion	Ratio	Lower	Upper
41	100		
39	69.0	34.8	104.5
76	33.6	19.1	57.3



#18
Methylene Chloride
Concen: 93.637 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.7	96.7	145.1
51	36.8	31.0	46.4
86	64.1	51.8	77.6

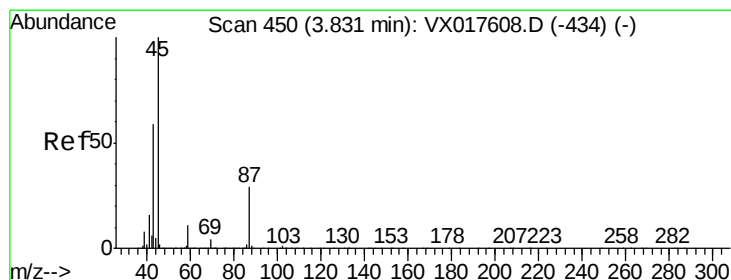
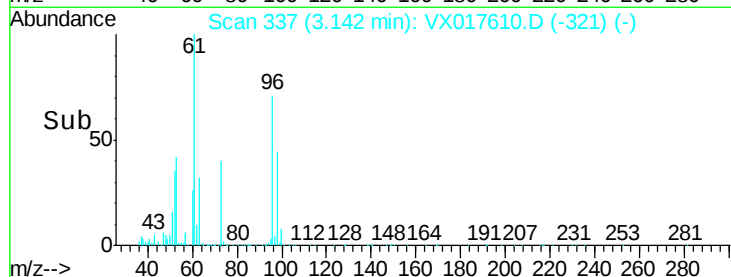
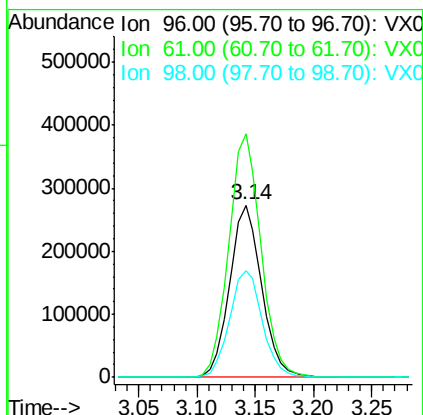
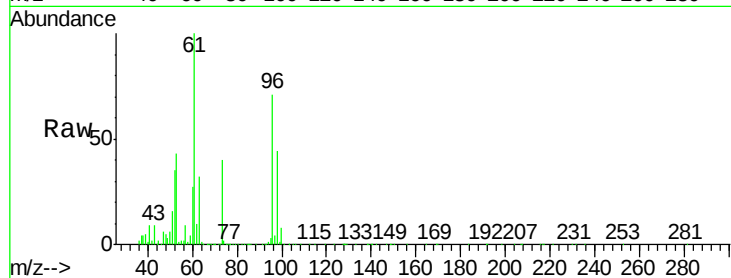




#19
trans-1,2-Dichloroethene
Concen: 95.996 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

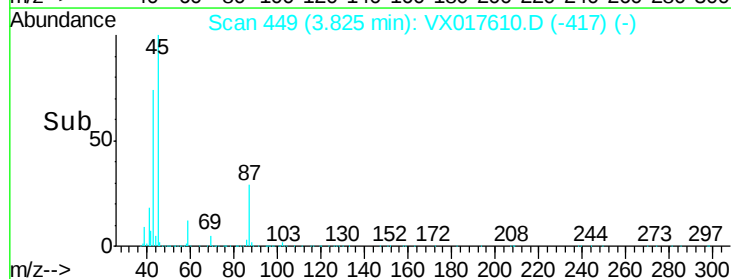
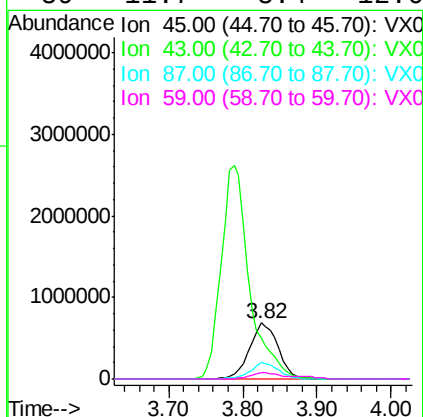
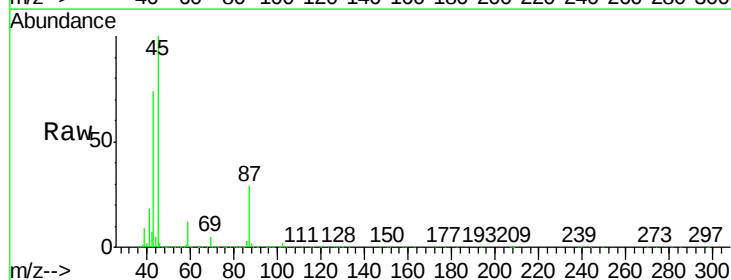
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

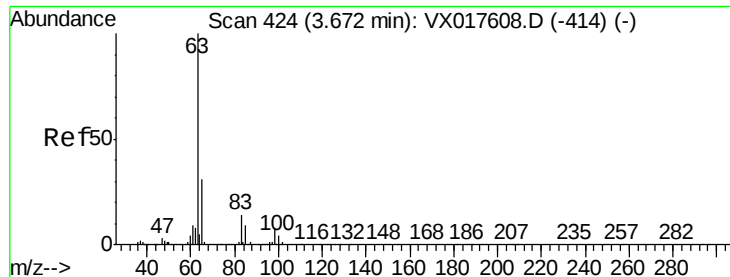
Tot Ion: 96 Resp: 520136
Ion Ratio Lower Upper
96 100
61 141.5 115.0 172.6
98 62.2 51.6 77.4



#20
Diisopropyl ether
Concen: 104.992 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

Tgt Ion: 45 Resp: 1854410
Ion Ratio Lower Upper
45 100
43 73.6 47.4 71.0#
87 28.6 23.3 34.9
59 11.7 8.4 12.6

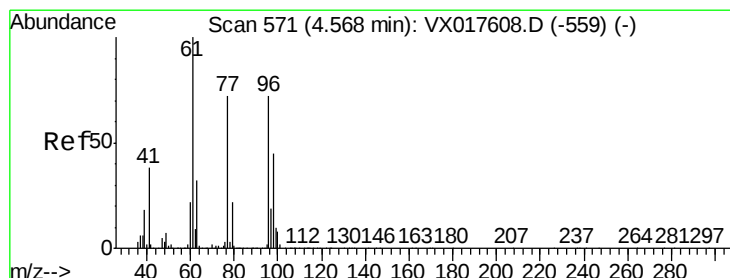
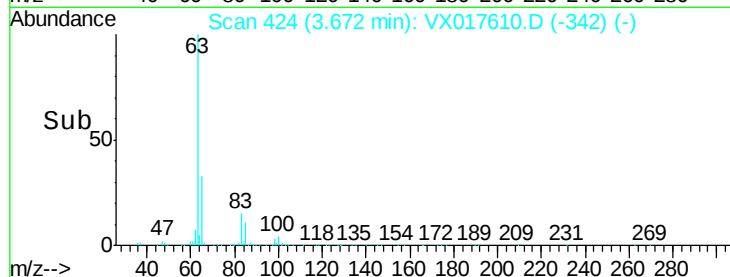
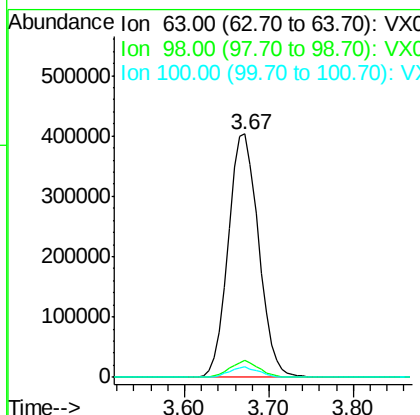
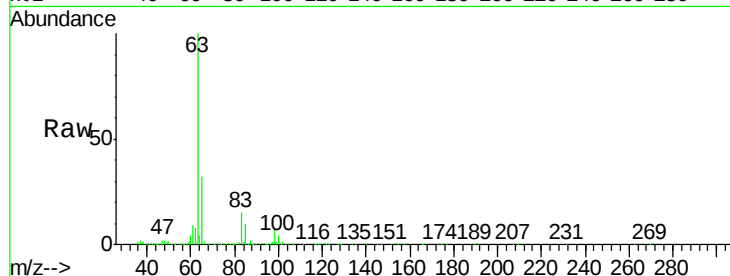




#21
 1,1-Dichloroethane
 Concen: 100.523 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017610.D
 Acq: 27 Jul 2020 10:31

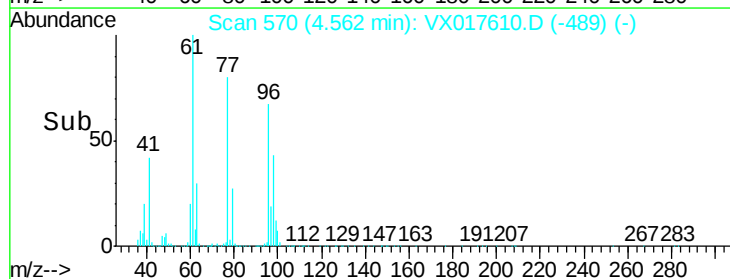
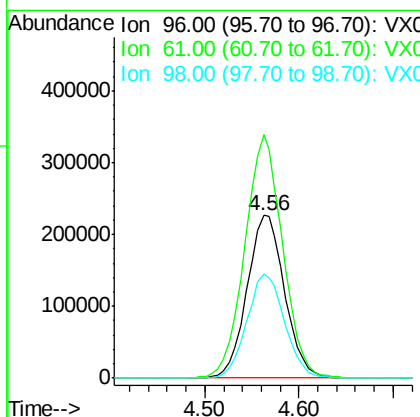
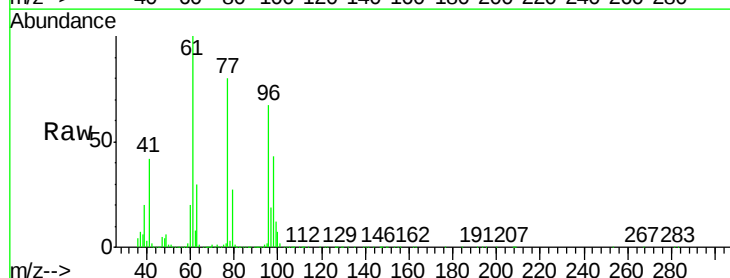
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

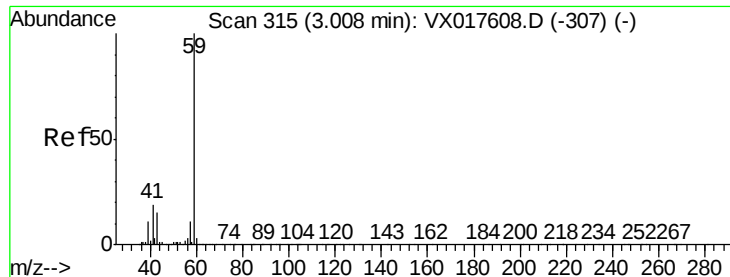
Tot Ion:	63	Resp:	984657
Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.9	11.7
100	4.3	1.9	5.7



#22
 cis-1,2-Dichloroethene
 Concen: 101.111 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX017610.D
 Acq: 27 Jul 2020 10:31

Tgt Ion:	96	Resp:	632214
Ion	Ratio	Lower	Upper
96	100		
61	150.3	121.1	181.7
98	64.6	51.4	77.2



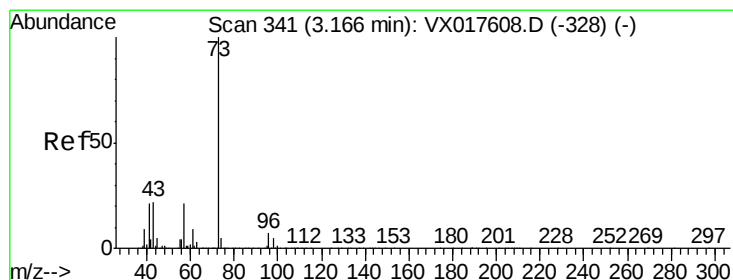
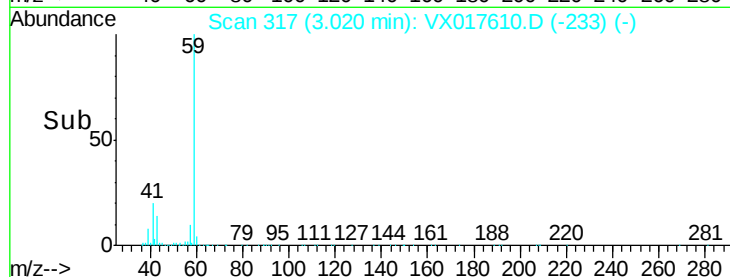
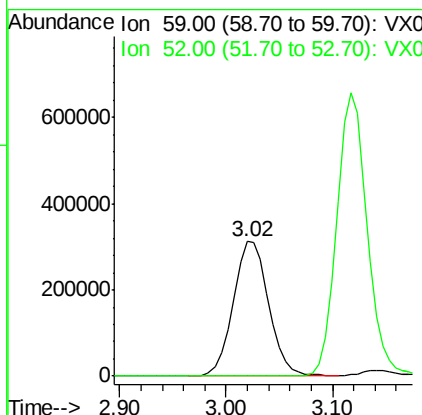
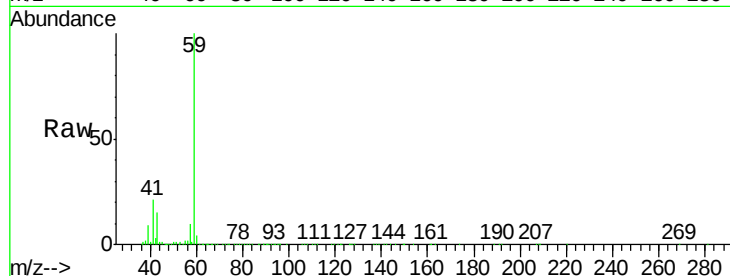


#23

tert-Butyl Alcohol
 Concen: 571.251 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX017610.D
 Acq: 27 Jul 2020 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

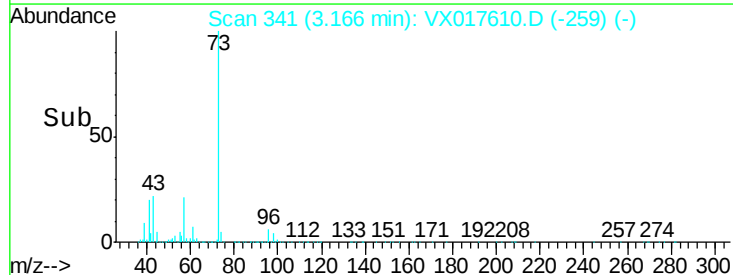
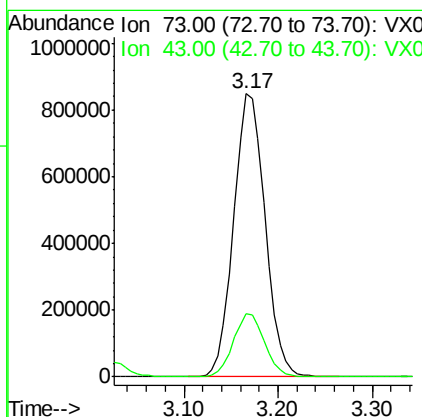
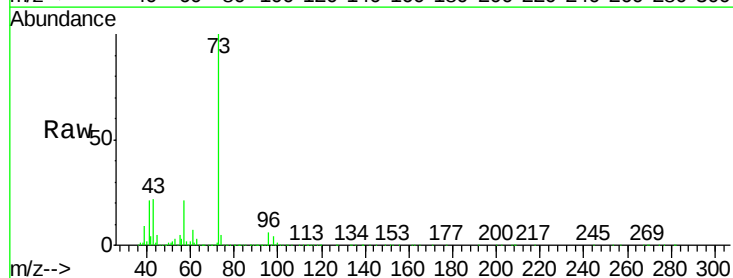
Tot Ion: 59 Resp: 728103
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.4#

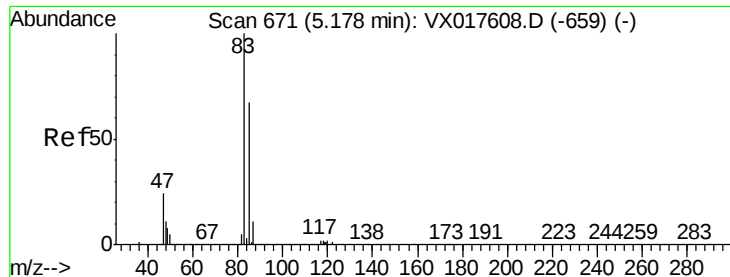


#24

Methyl tert-Butyl Ether
 Concen: 108.136 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017610.D
 Acq: 27 Jul 2020 10:31

Tgt Ion: 73 Resp: 1978106
 Ion Ratio Lower Upper
 73 100
 43 22.0 18.1 27.1





#25

Chloroform

Concen: 101.702 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

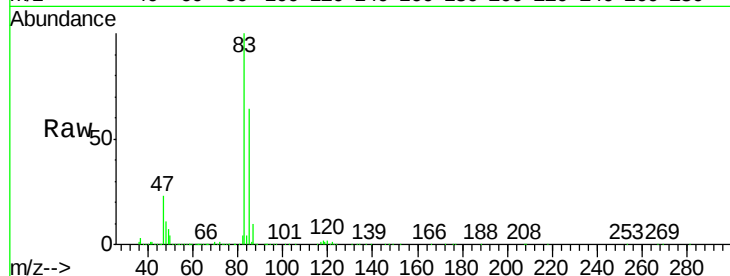
VSTDIC100

Tot Ion: 83 Resp: 1078271

Ion Ratio Lower Upper

83 100

85 64.3 53.7 80.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.18

400000

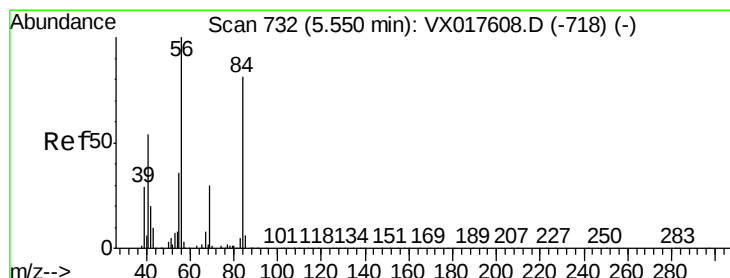
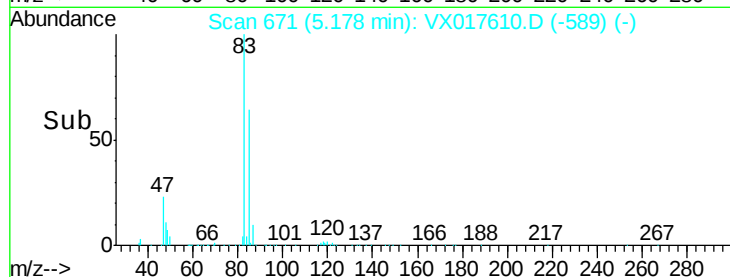
300000

200000

100000

0

Time--> 5.00 5.10 5.20 5.30



#26

Cyclohexane

Concen: 118.605 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

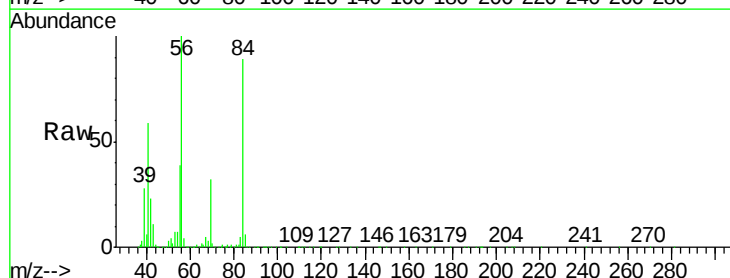
Tgt Ion: 56 Resp: 929489

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.8 69.3 103.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

600000

500000

400000

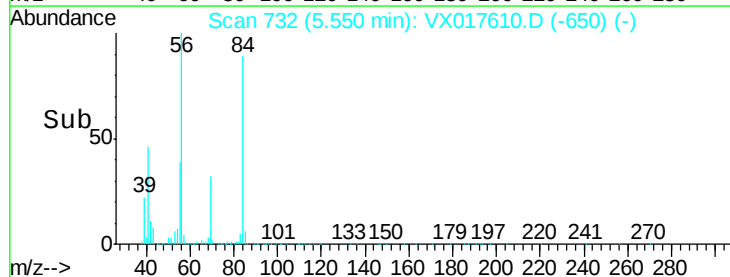
300000

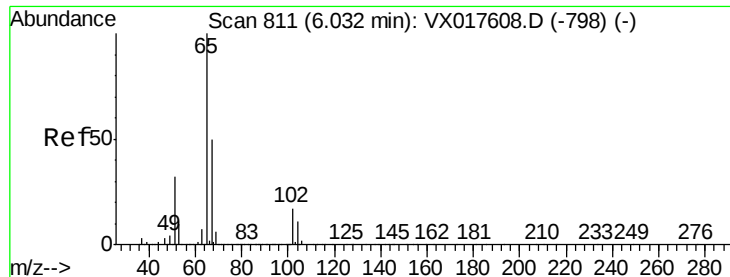
200000

100000

0

Time--> 5.40 5.50 5.60





#27

1,2-Dichloroethane-d4

Concen: 30.821 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

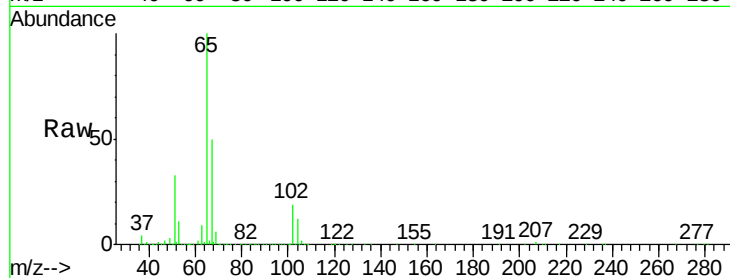
VSTDIC100

Tot Ion: 65 Resp: 224763

Ion Ratio Lower Upper

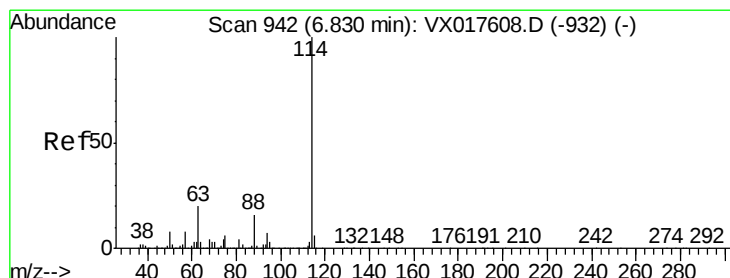
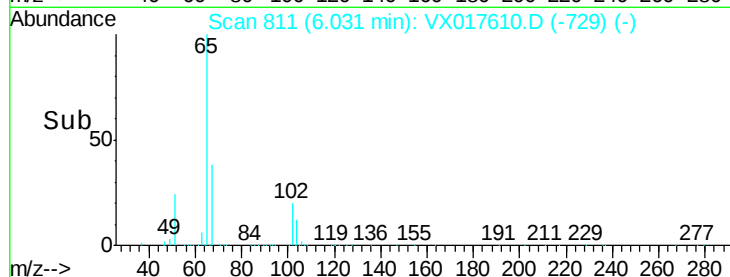
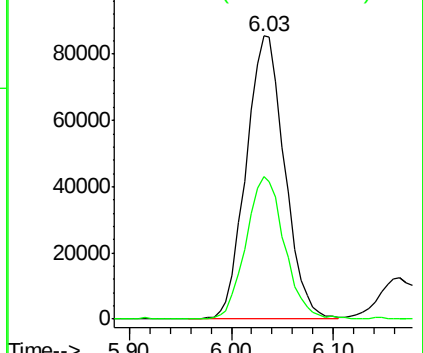
65 100

67 49.8 40.6 61.0



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

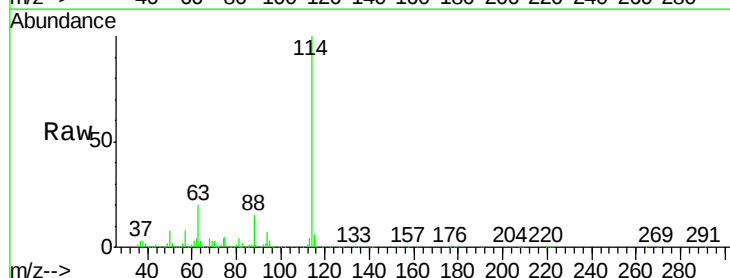
Tgt Ion: 114 Resp: 495890

Ion Ratio Lower Upper

114 100

63 20.2 16.3 24.5

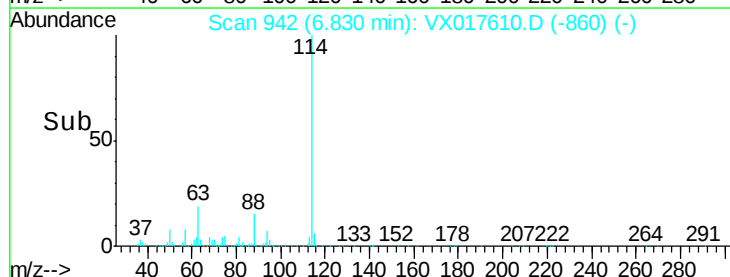
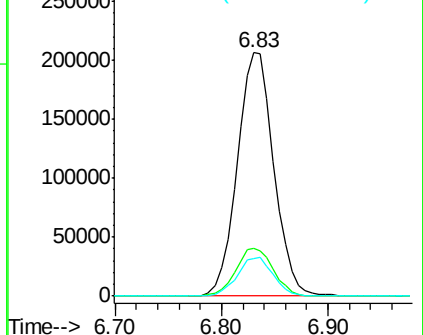
88 15.9 12.6 18.8

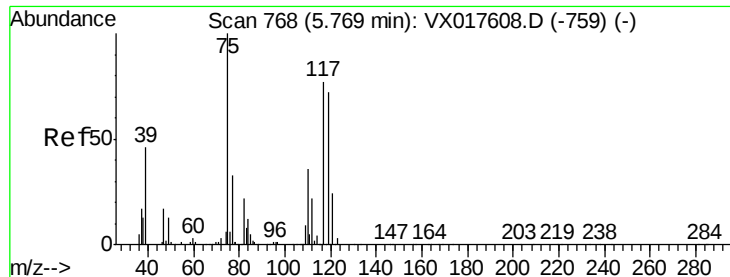


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 105.072 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

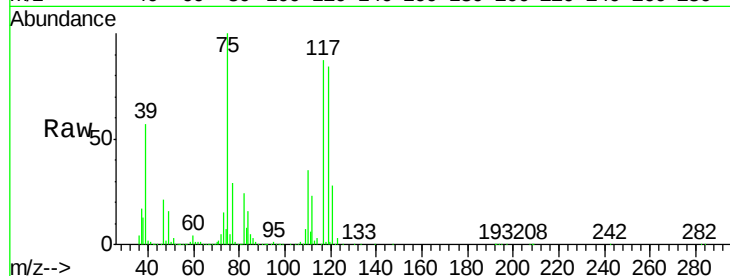
Tot Ion: 75 Resp: 739842

Ion Ratio Lower Upper

75 100

110 36.2 0.0 75.4

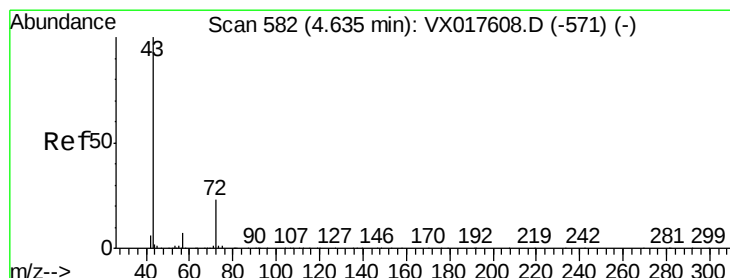
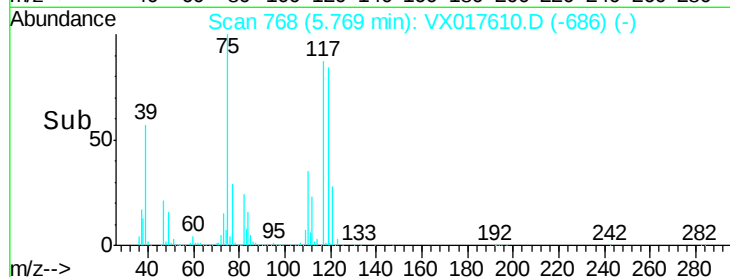
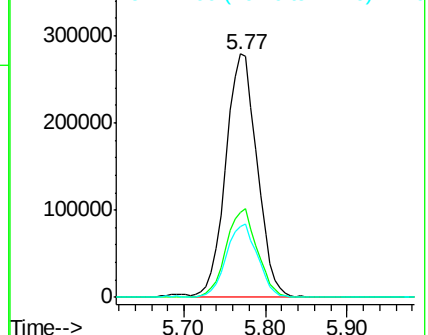
77 30.2 0.0 63.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 559.000 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

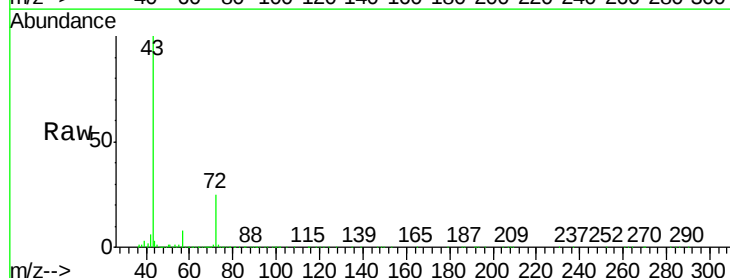
Tgt Ion: 43 Resp: 2162364

Ion Ratio Lower Upper

43 100

57 8.0 6.5 9.7

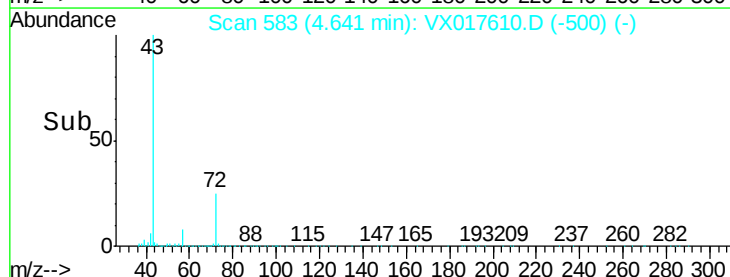
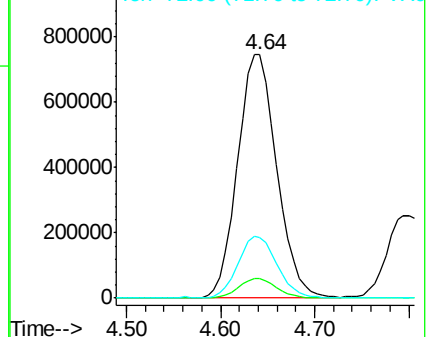
72 25.2 19.8 29.6

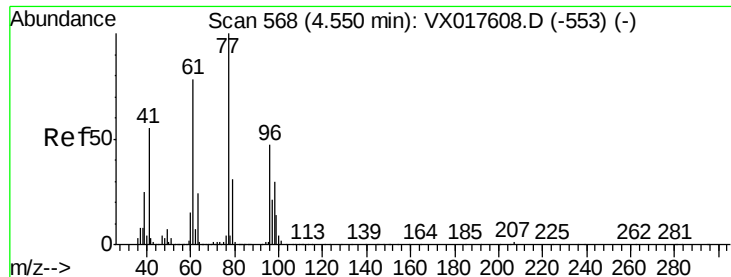


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 111.049 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

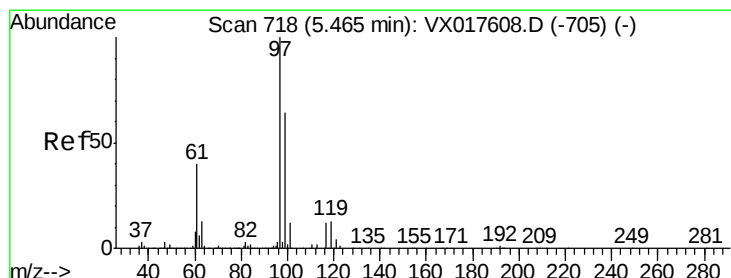
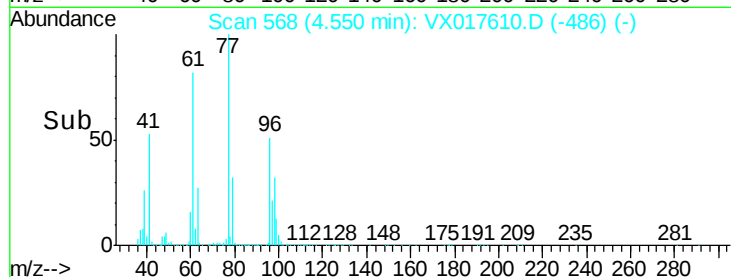
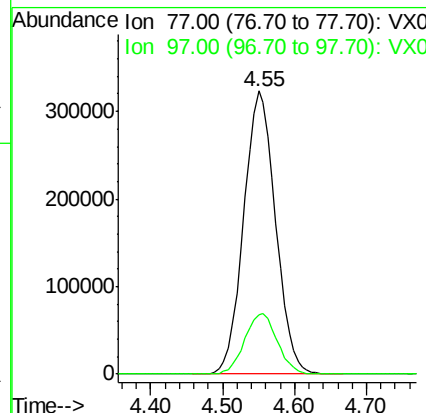
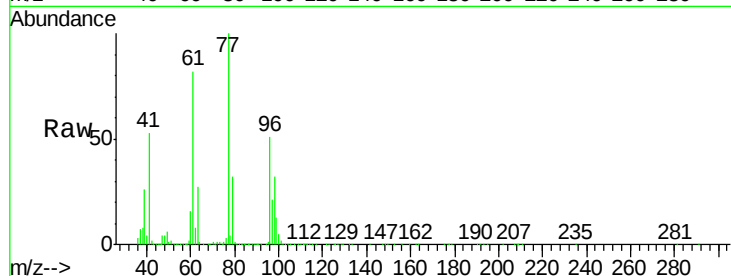
VSTDIC100

Tot Ion: 77 Resp: 991119

Ion Ratio Lower Upper

77 100

97 22.0 17.6 26.4



#32

1,1,1-Trichloroethane

Concen: 112.519 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

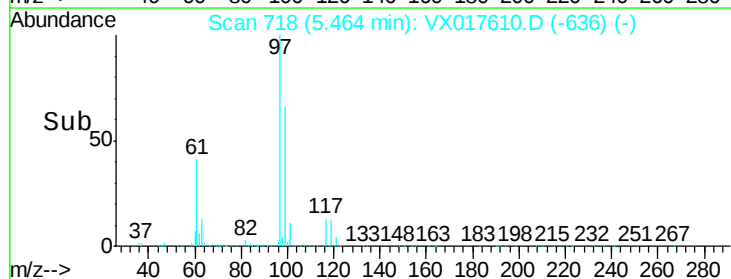
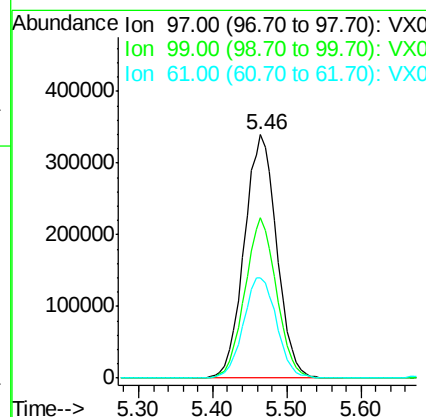
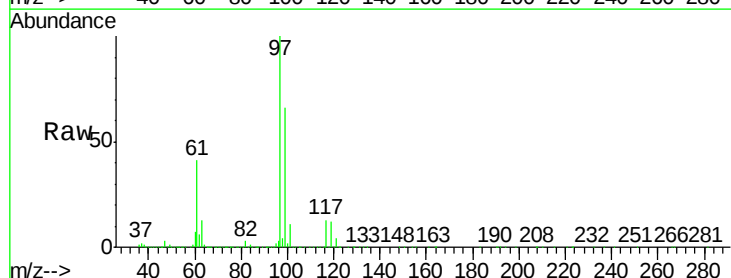
Tgt Ion: 97 Resp: 1037348

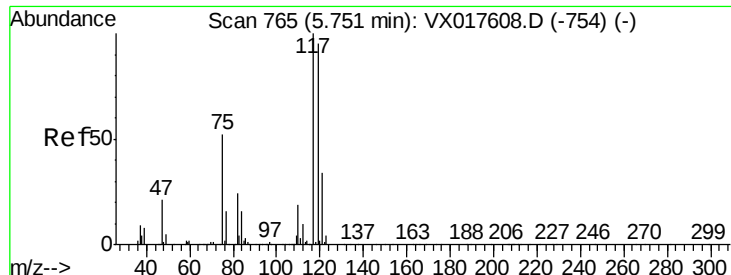
Ion Ratio Lower Upper

97 100

99 64.1 50.6 75.8

61 42.2 32.6 48.8





#33

Carbon Tetrachloride

Concen: 109.067 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

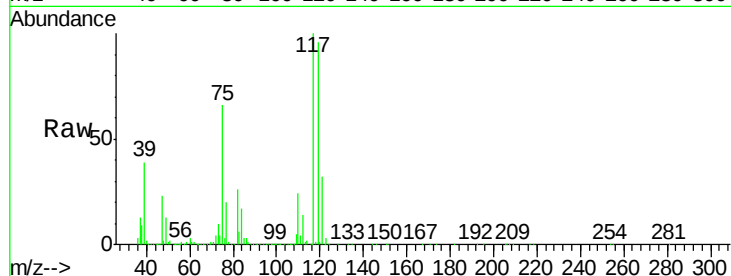
Tot Ion:117 Resp: 933352

Ion Ratio Lower Upper

117 100

119 95.8 76.2 114.2

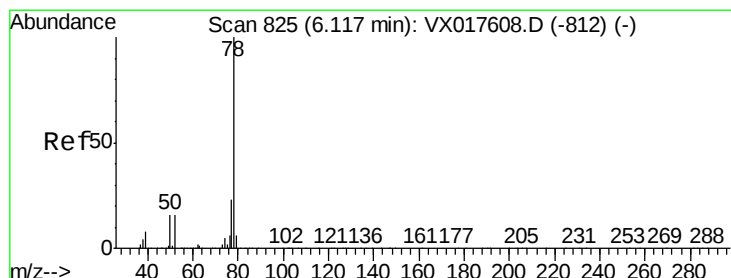
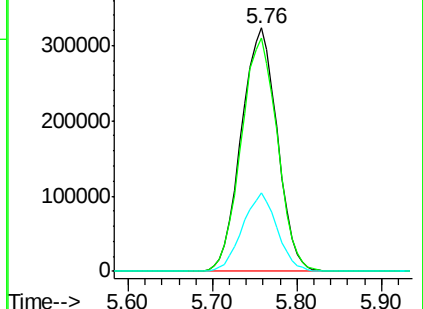
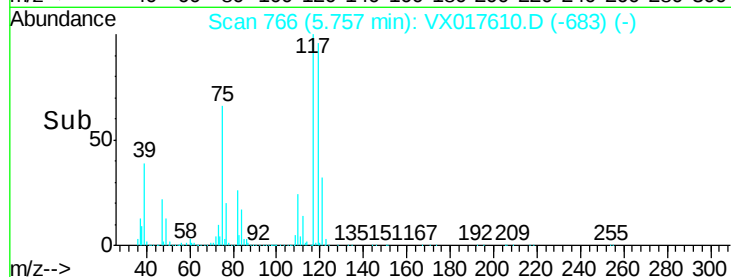
121 32.4 26.8 40.2



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: 105.304 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

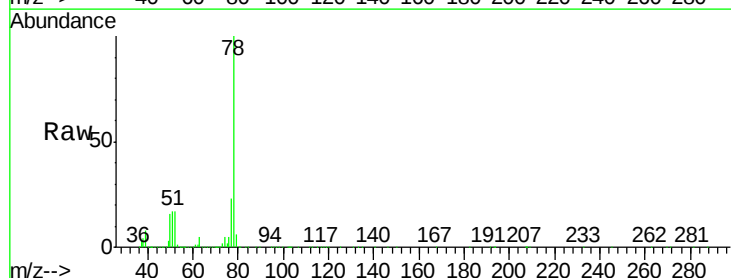
Tgt Ion: 78 Resp: 2163273

Ion Ratio Lower Upper

78 100

77 23.0 18.3 27.5

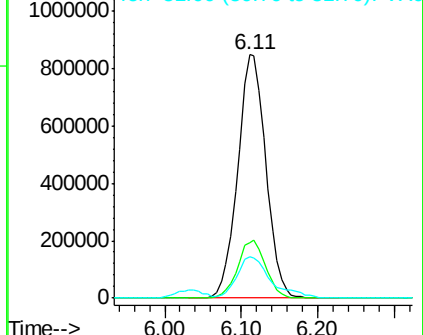
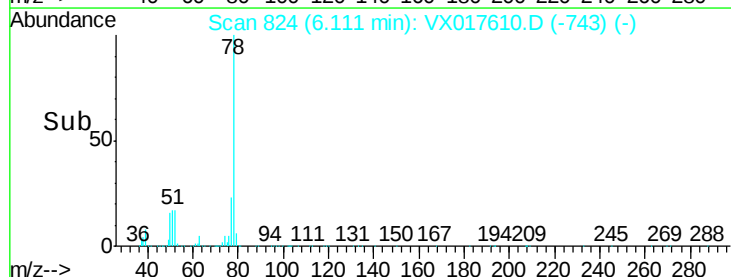
51 16.8 12.3 18.5

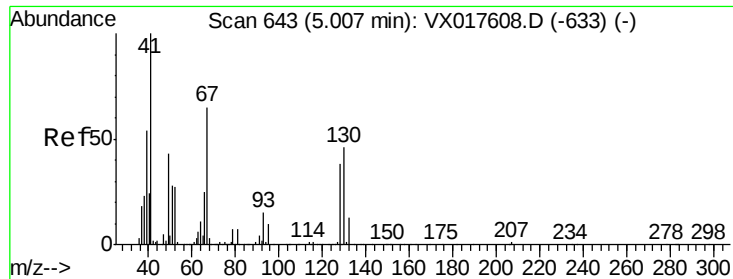


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

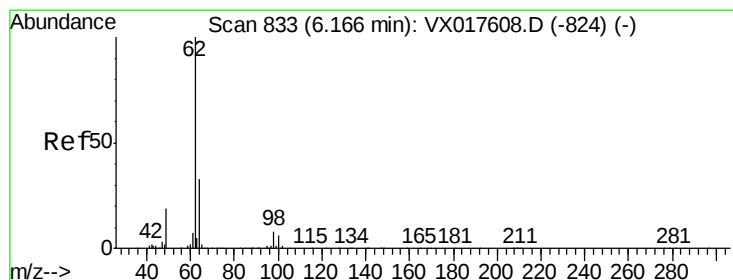
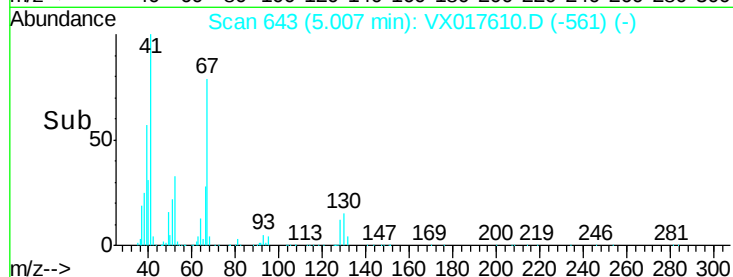
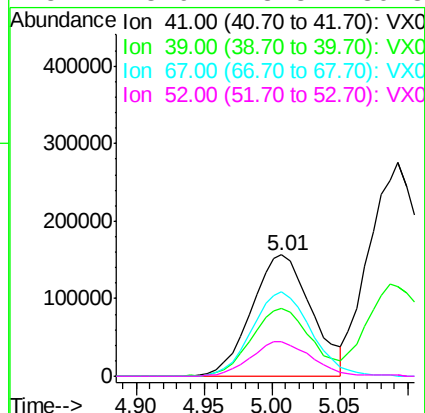
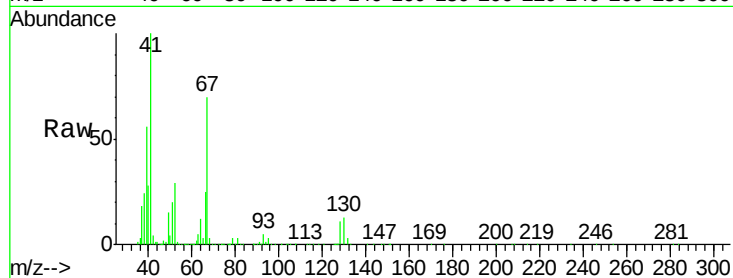




#35
Methacrylonitrile
Concen: 109.916 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

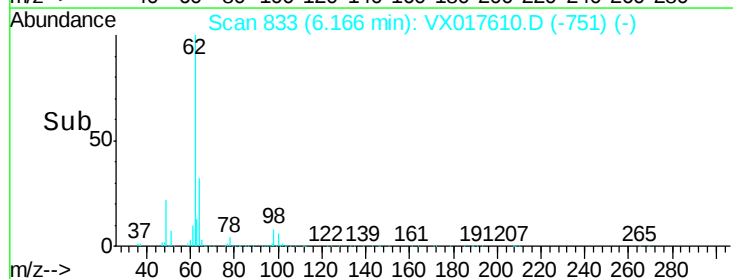
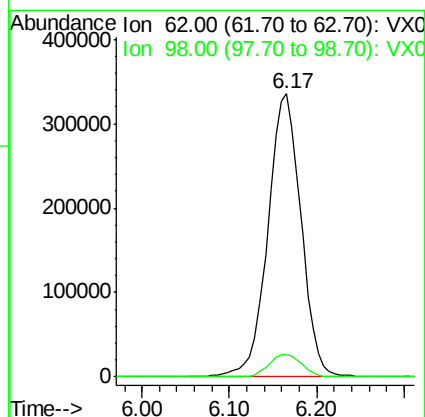
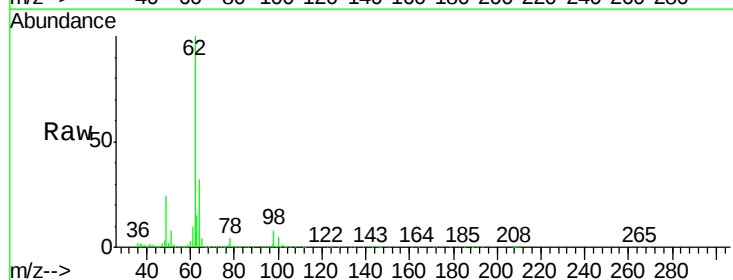
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

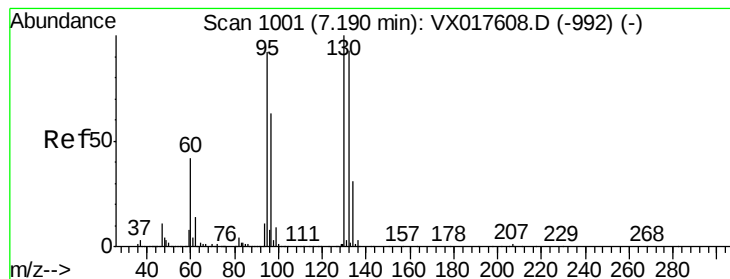
Tot Ion:	41	Resp:	478988
Ion	Ratio	Lower	Upper
41	100		
39	55.2	27.0	81.0
67	70.0	32.4	97.0
52	28.9	13.3	39.8



#36
1,2-Dichloroethane
Concen: 107.638 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

Tgt Ion:	62	Resp:	886588
Ion	Ratio	Lower	Upper
62	100		
98	8.0	6.6	10.0





#37

Trichloroethene

Concen: 98.981 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

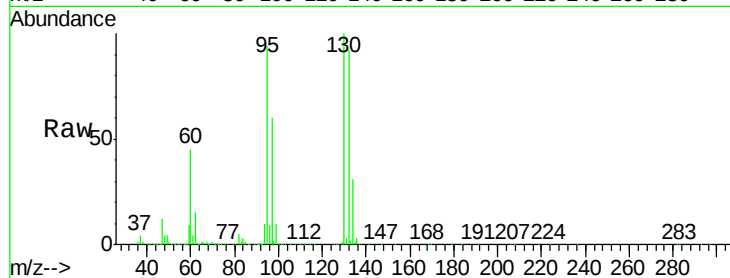
VSTDIC100

Tot Ion:130 Resp: 627120

Ion Ratio Lower Upper

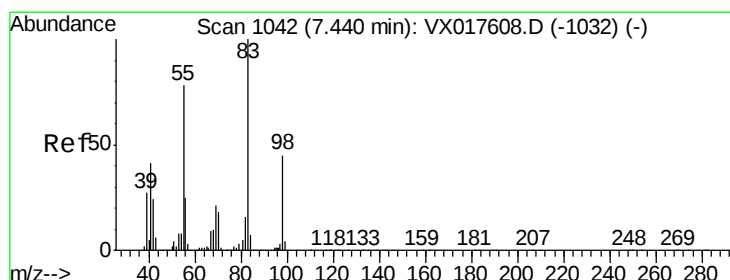
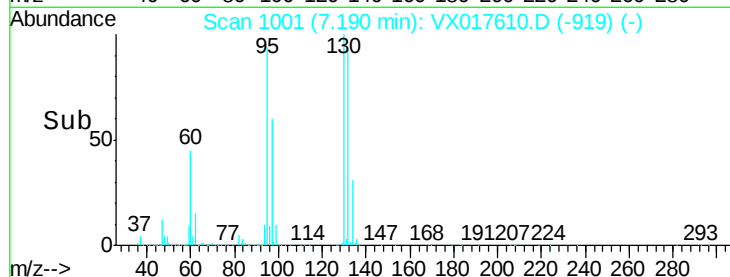
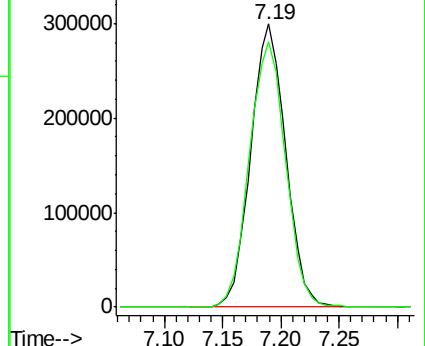
130 100

95 93.8 73.9 110.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 135.999 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

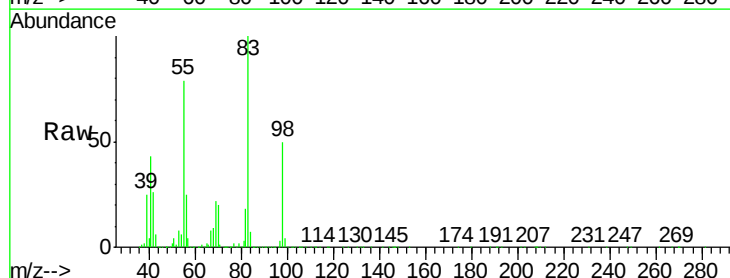
Tgt Ion: 83 Resp: 1028012

Ion Ratio Lower Upper

83 100

55 77.6 39.6 118.7

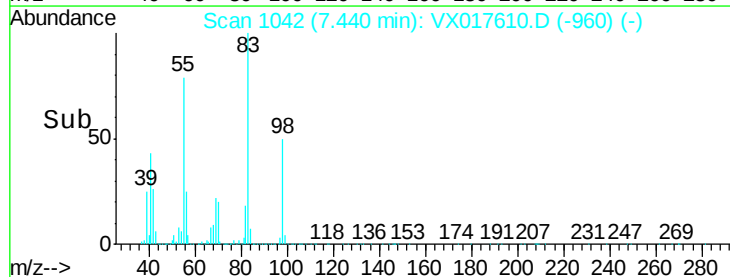
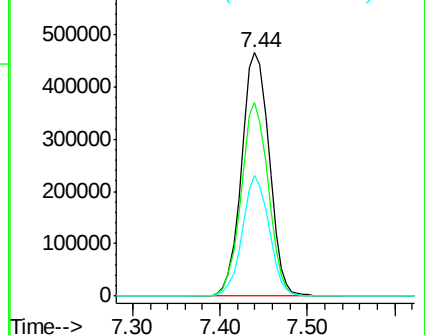
98 47.7 23.9 71.7

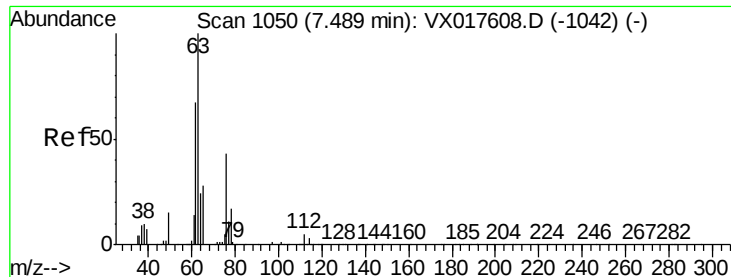


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 105.087 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

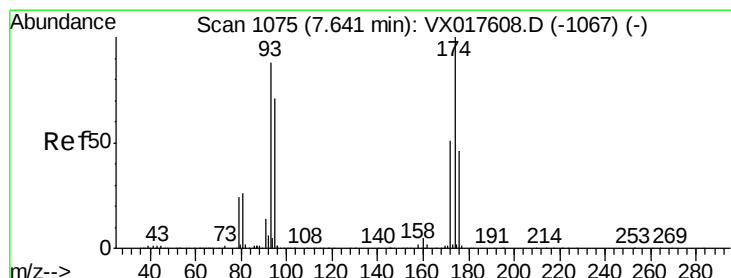
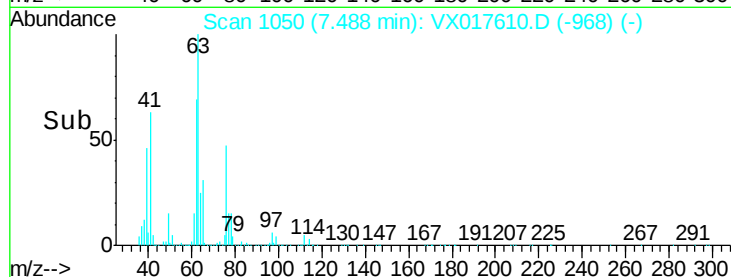
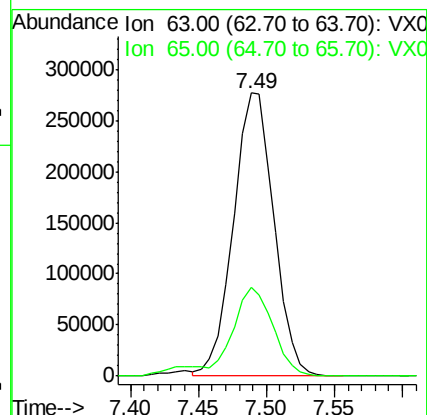
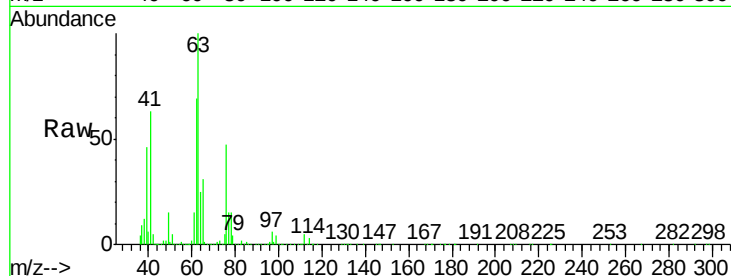
VSTDIC100

Tot Ion: 63 Resp: 575224

Ion Ratio Lower Upper

63 100

65 31.2 25.2 37.8



#40

Dibromomethane

Concen: 99.083 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

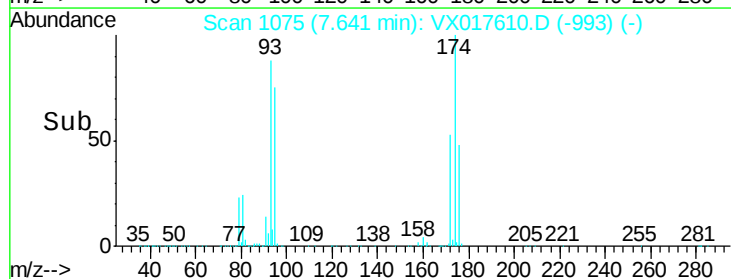
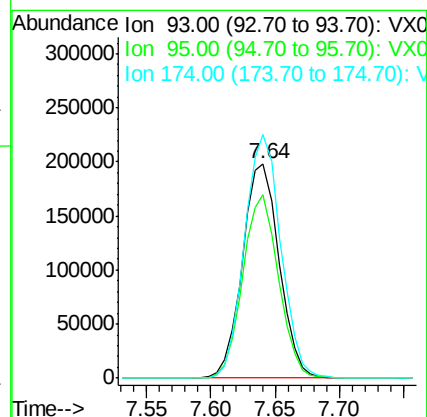
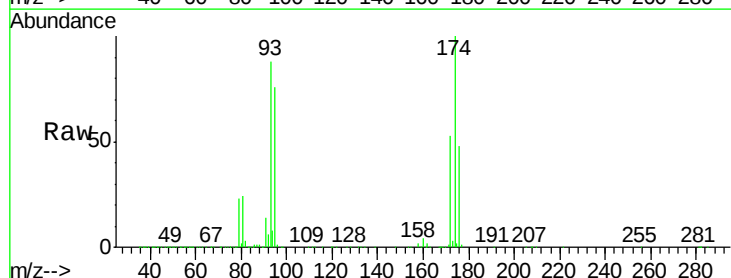
Tgt Ion: 93 Resp: 391153

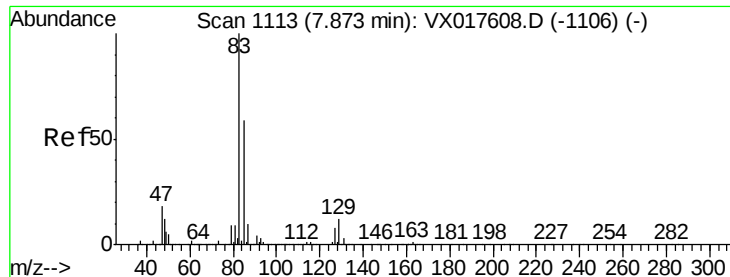
Ion Ratio Lower Upper

93 100

95 83.2 0.0 163.4

174 112.1 0.0 214.6





#41

Bromodichloromethane

Concen: 116.309 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

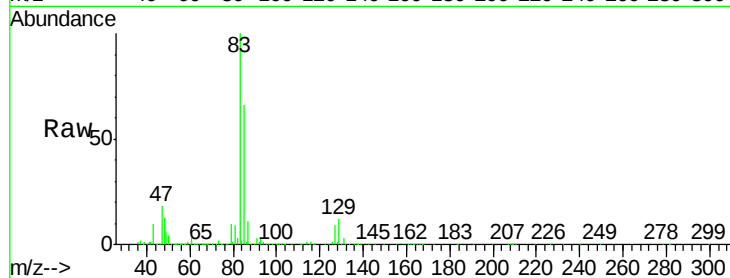
Tot Ion: 83 Resp: 966800

Ion Ratio Lower Upper

83 100

85 66.0 47.4 71.0

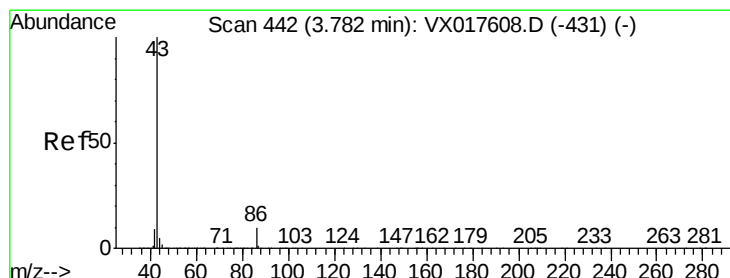
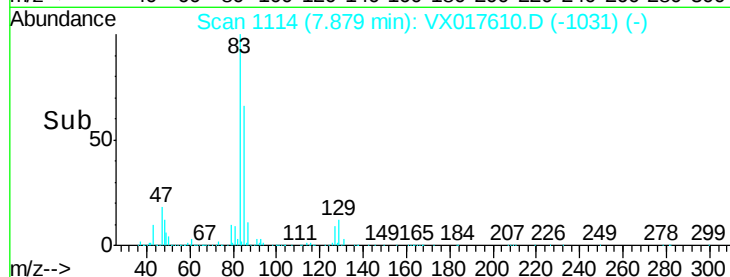
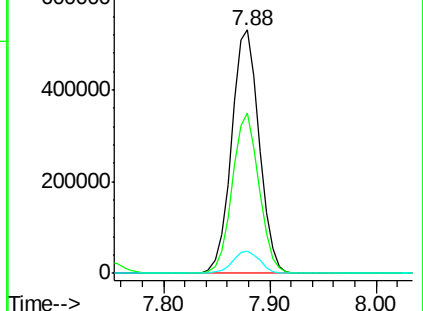
127 9.3 6.3 9.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 484.868 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX017610.D

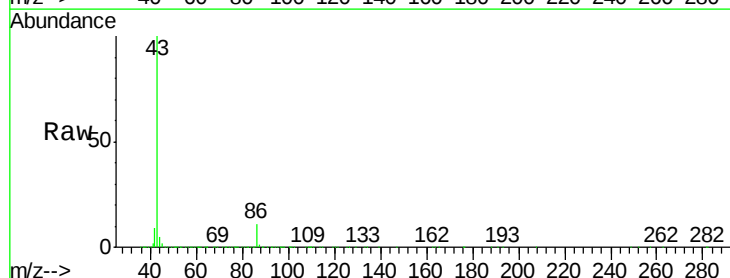
Acq: 27 Jul 2020 10:31

Tgt Ion: 43 Resp: 6943097

Ion Ratio Lower Upper

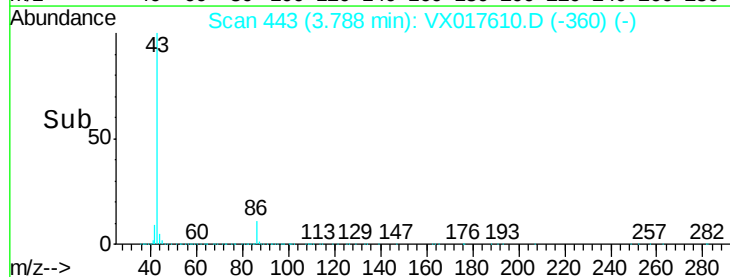
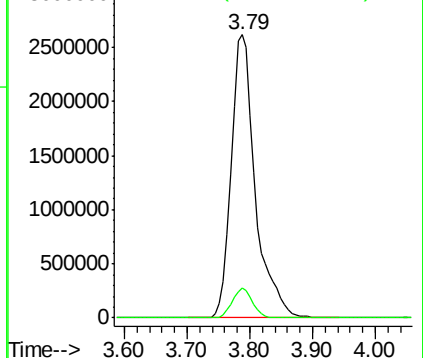
43 100

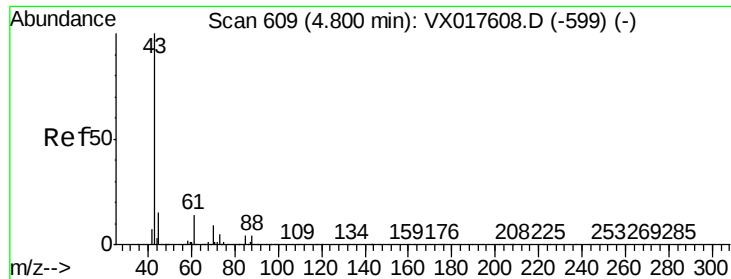
86 8.9 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

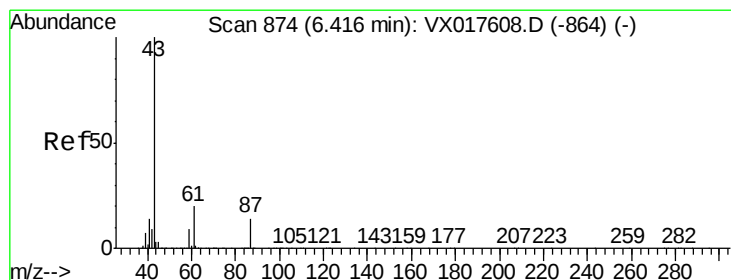
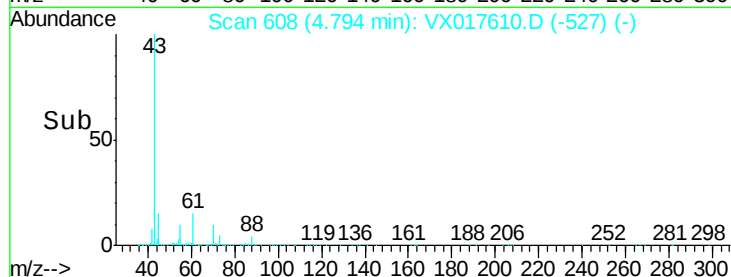
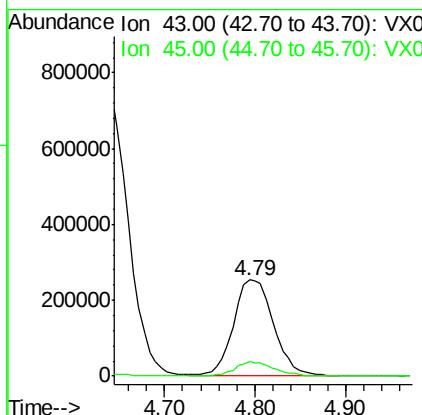
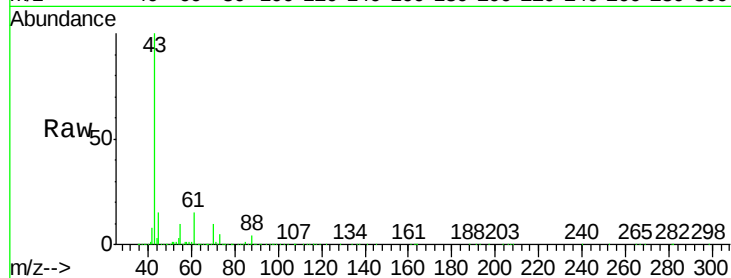




#43
Ethyl Acetate
Concen: 104.326 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

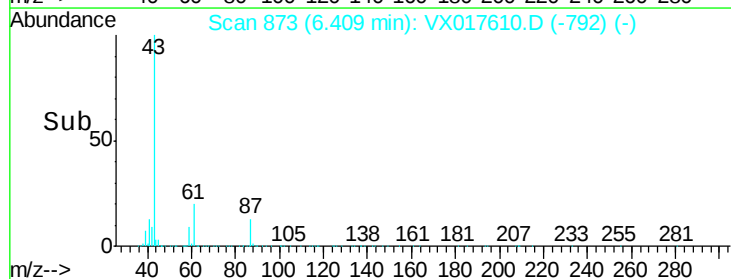
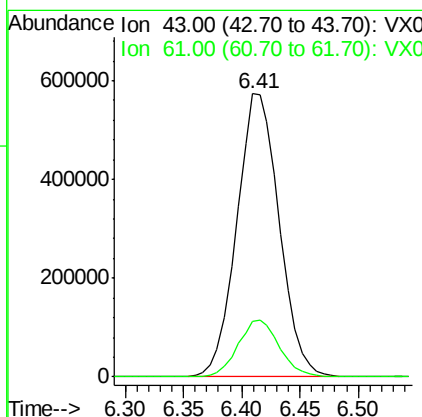
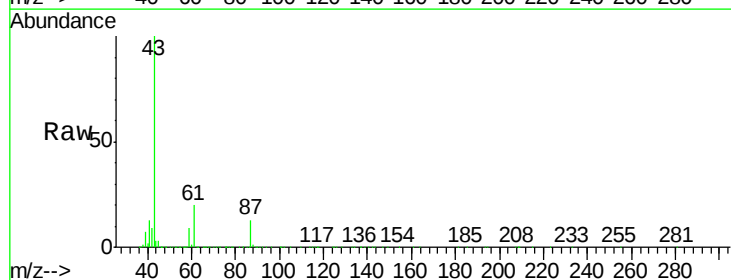
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

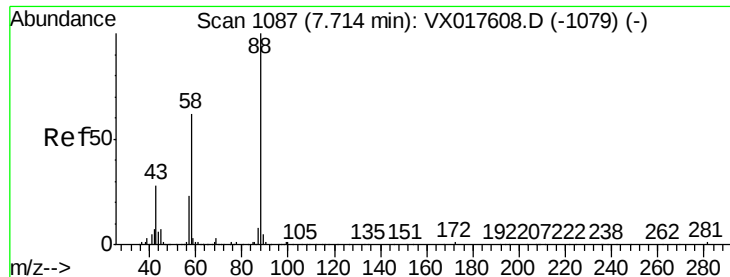
Tot Ion: 43 Resp: 776720
Ion Ratio Lower Upper
43 100
45 14.5 11.4 17.2



#44
Isopropyl Acetate
Concen: 115.873 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

Tgt Ion: 43 Resp: 1449652
Ion Ratio Lower Upper
43 100
61 19.7 15.9 23.9

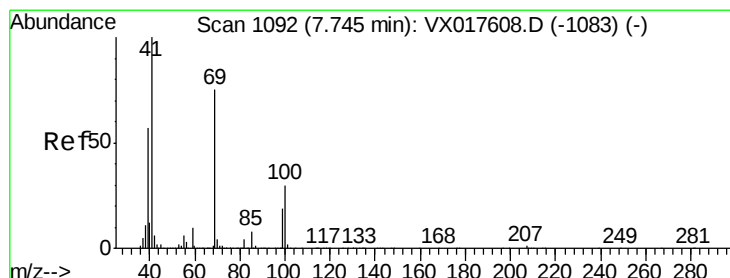
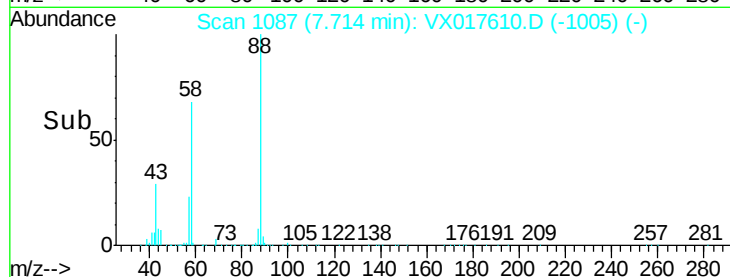
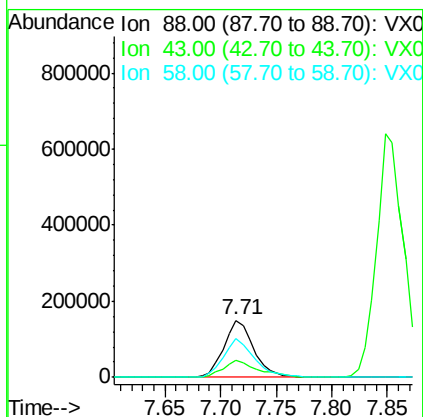
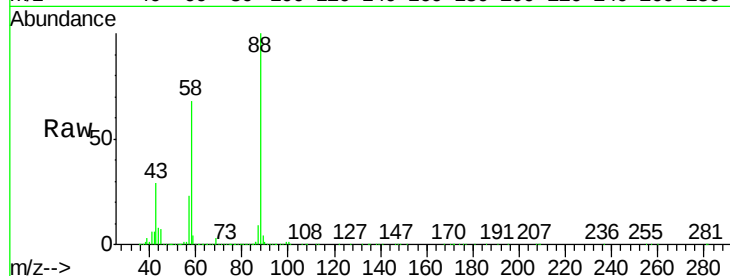




#45
1,4-Dioxane
Concen: 2278.380 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

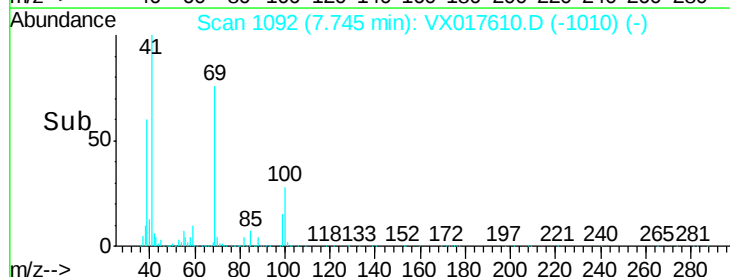
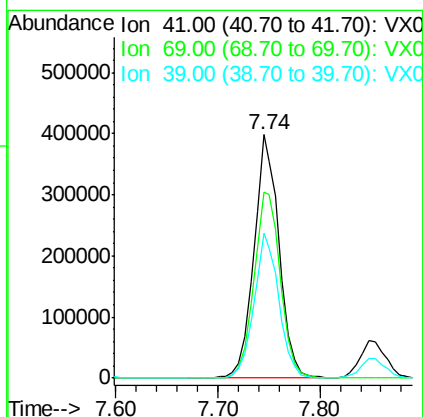
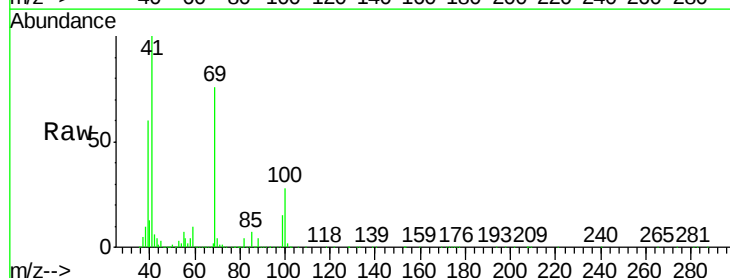
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

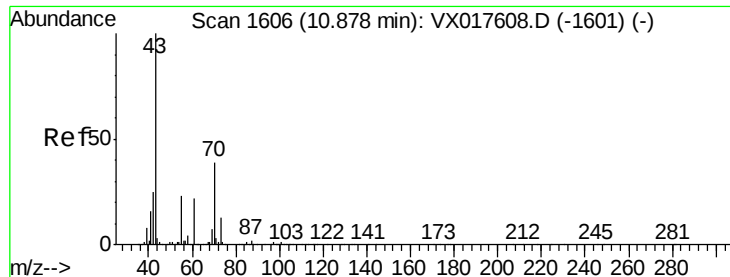
Tot Ion	Ratio	Lower	Upper
88	100		
43	34.3	29.0	43.6
58	69.6	55.6	83.4



#46
Methyl methacrylate
Concen: 112.099 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

Tgt Ion	Ratio	Lower	Upper
41	100		
69	76.2	37.4	112.1
39	59.5	28.7	86.1





#47

n-amvl Acetate

Concen: 117.150 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

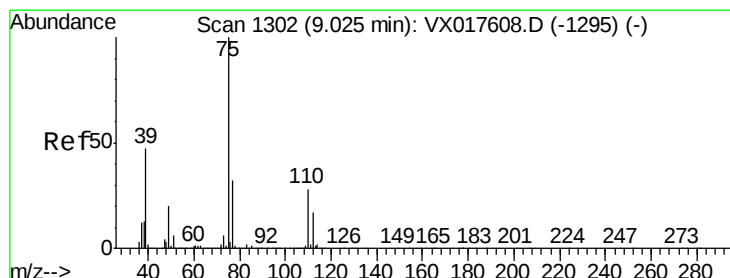
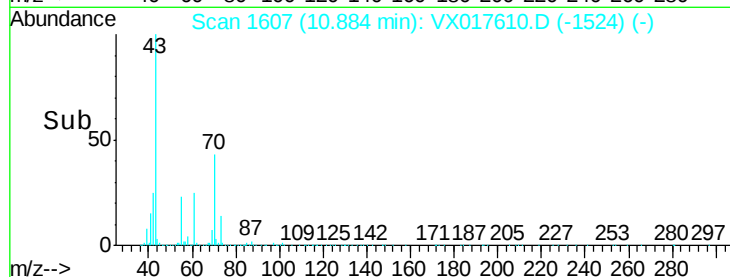
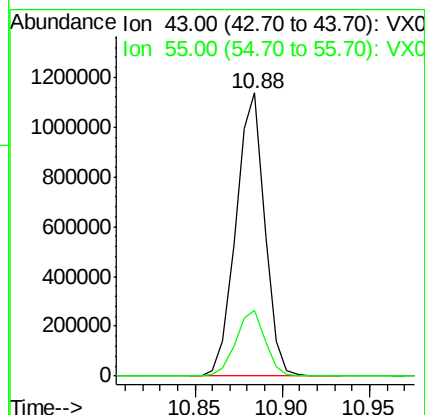
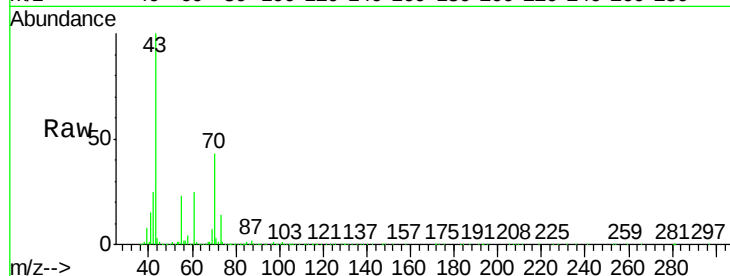
VSTDIC100

Tot Ion: 43 Resp: 1294957

Ion Ratio Lower Upper

43 100

55 23.6 19.5 29.3



#48

t-1,3-Dichloropropene

Concen: 114.093 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017610.D

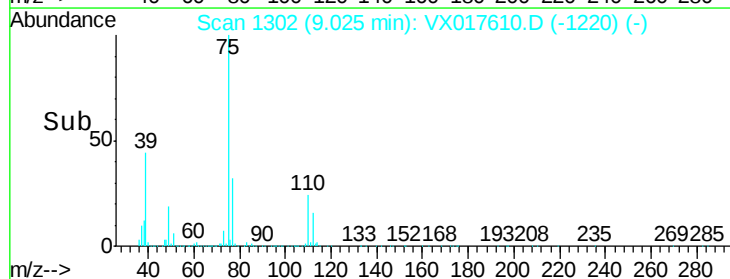
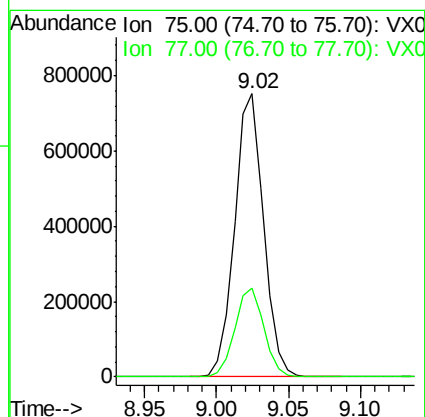
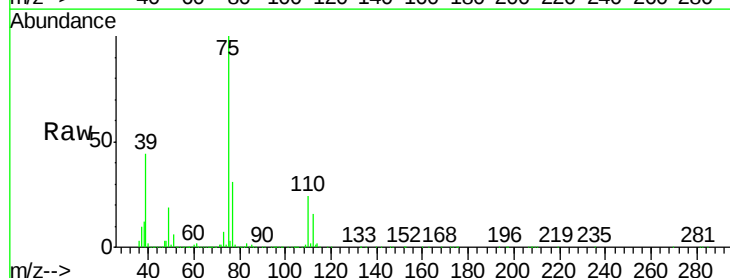
Acq: 27 Jul 2020 10:31

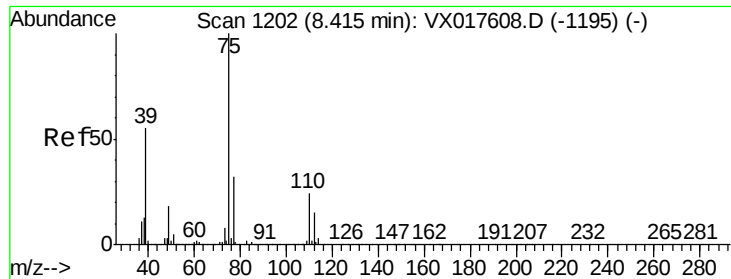
Tgt Ion: 75 Resp: 1053769

Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4



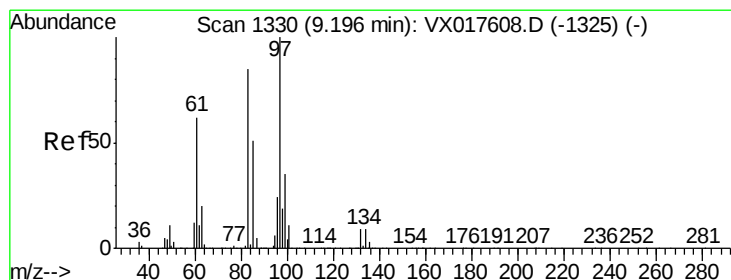
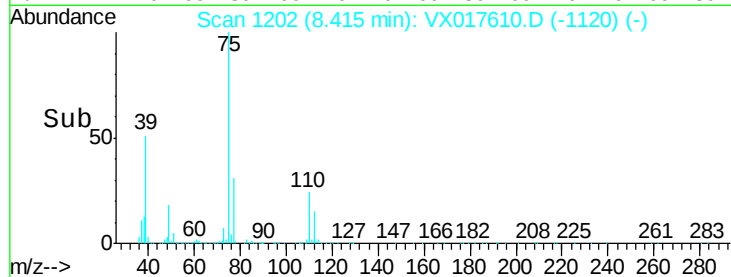
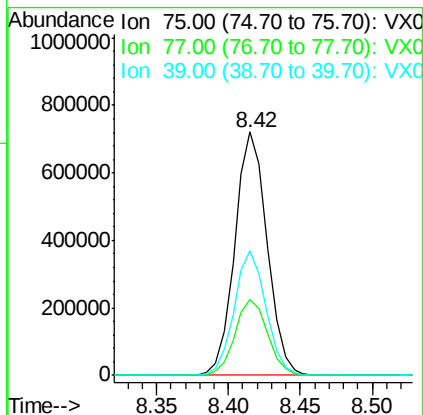
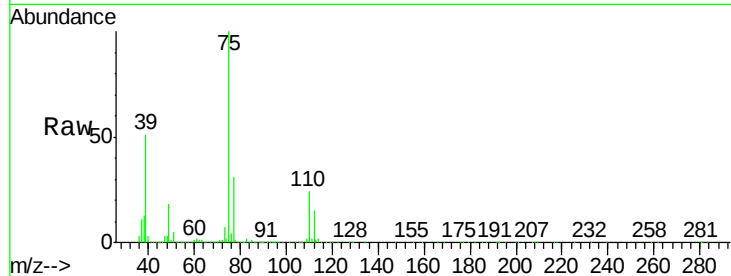


#49

cis-1,3-Dichloropropene
Concen: 115.777 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

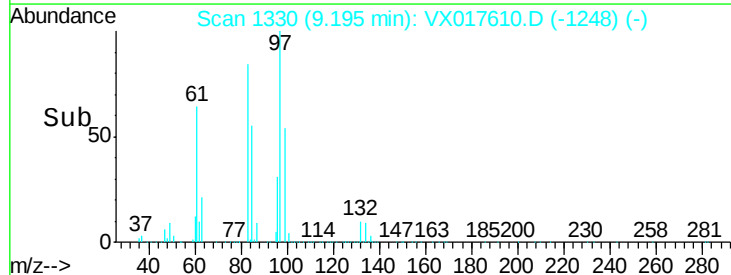
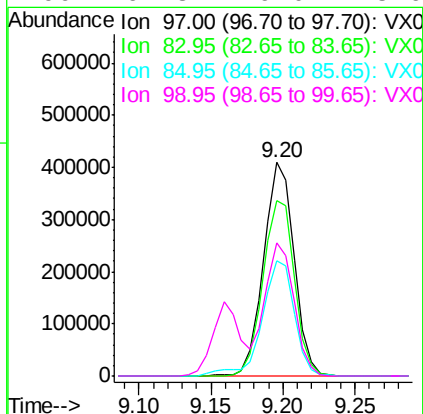
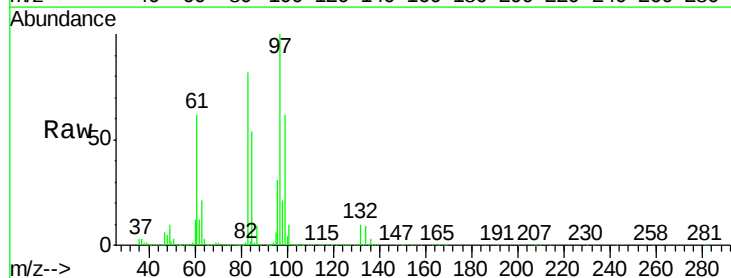
Tot Ion: 75 Resp: 1120067
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0
39 51.2 43.6 65.4

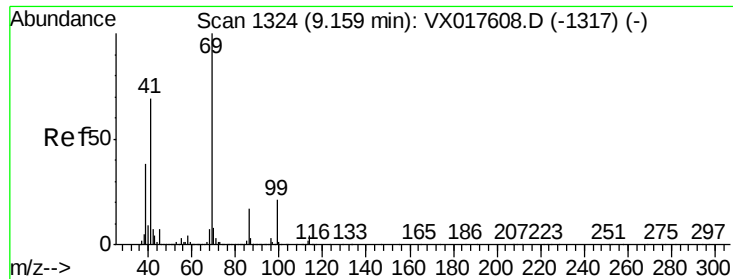


#50

1,1,2-Trichloroethane
Concen: 103.586 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

Tgt Ion: 97 Resp: 600626
Ion Ratio Lower Upper
97 100
83 82.1 68.2 102.2
85 54.2 42.6 64.0
99 62.3 49.0 73.6





#51

Ethyl methacrylate

Concen: 106.430 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

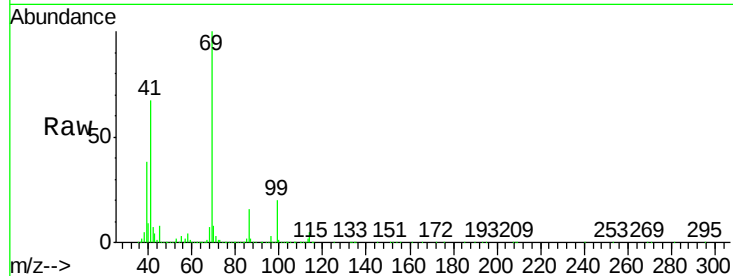
Tot Ion: 69 Resp: 911587

Ion Ratio Lower Upper

69 100

41 66.9 34.4 103.2

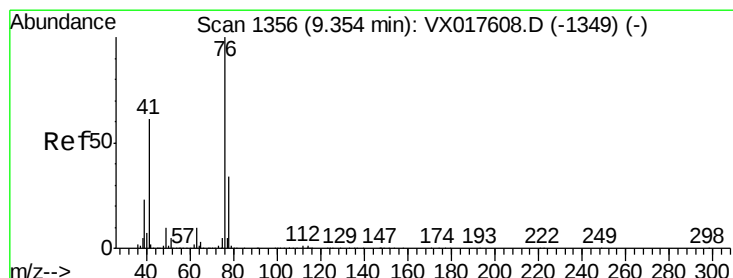
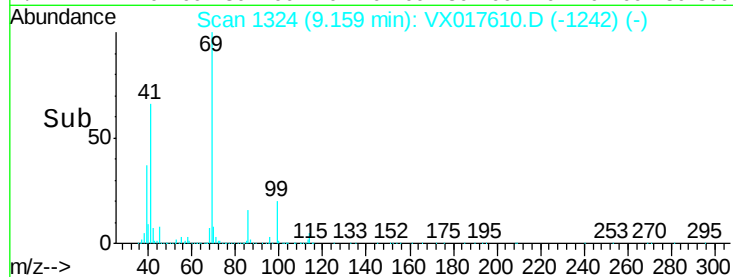
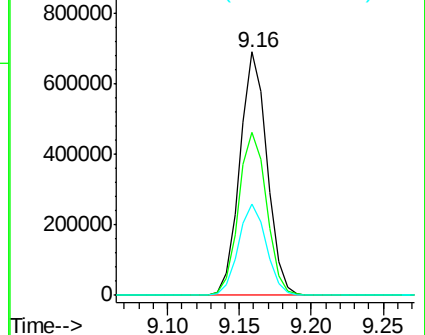
39 37.5 19.1 57.1



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 103.838 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017610.D

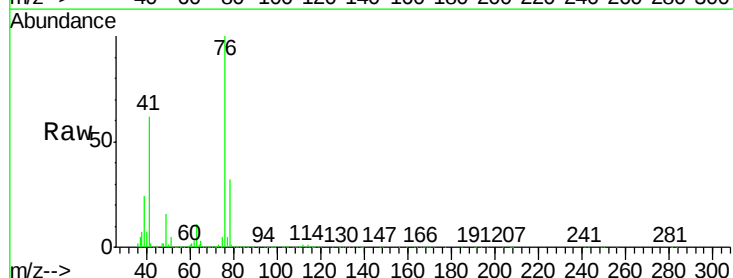
Acq: 27 Jul 2020 10:31

Tgt Ion: 76 Resp: 973942

Ion Ratio Lower Upper

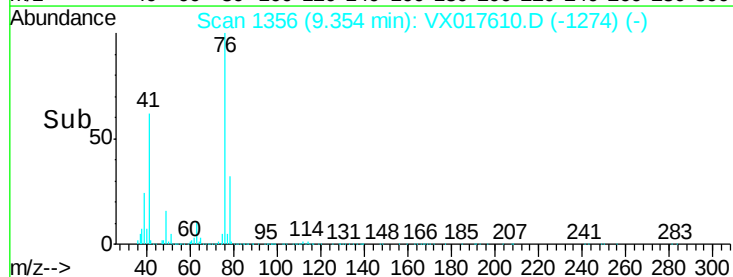
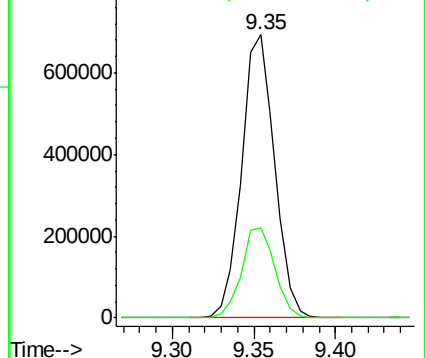
76 100

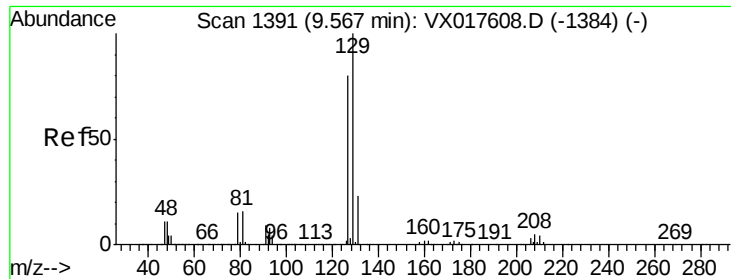
78 32.3 0.0 65.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 113.160 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

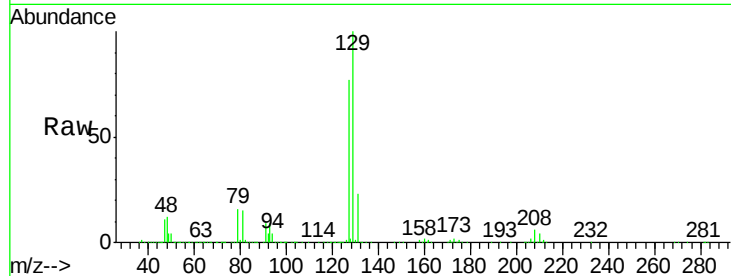
VSTDIC100

Tot Ion:129 Resp: 795174

Ion Ratio Lower Upper

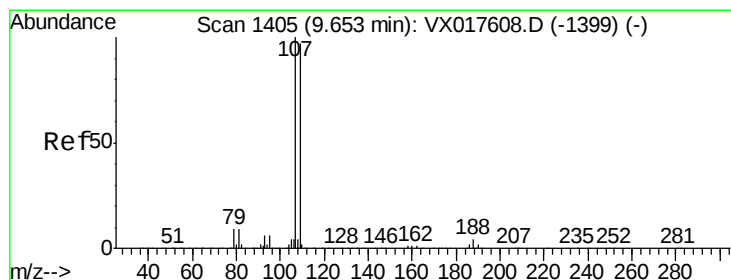
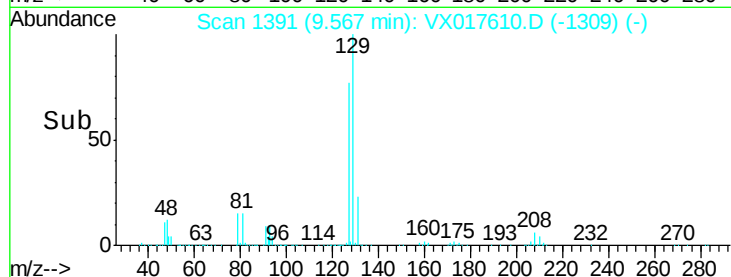
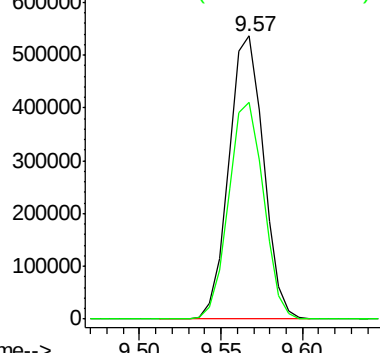
129 100

127 77.3 39.7 119.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 101.785 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017610.D

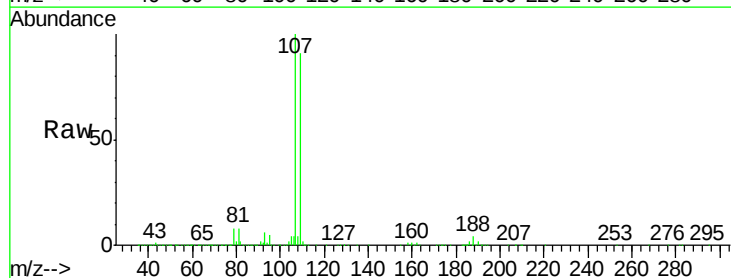
Acq: 27 Jul 2020 10:31

Tgt Ion:107 Resp: 628512

Ion Ratio Lower Upper

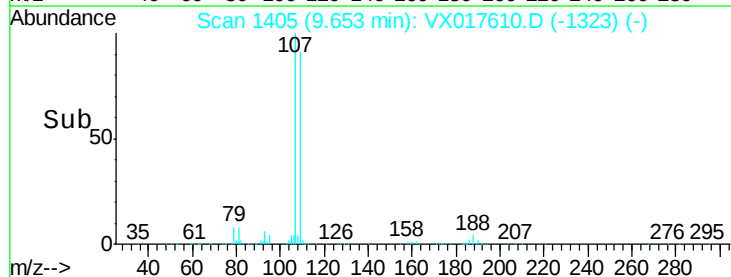
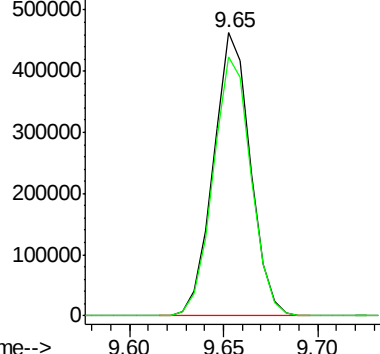
107 100

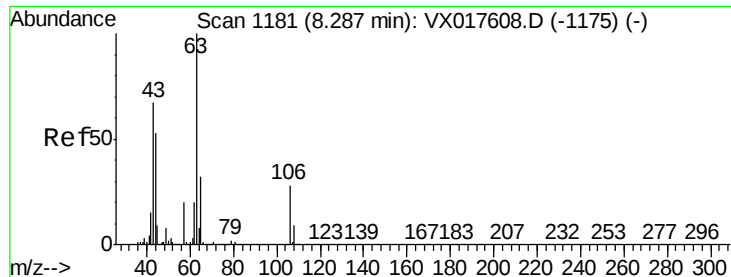
109 93.9 75.6 113.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

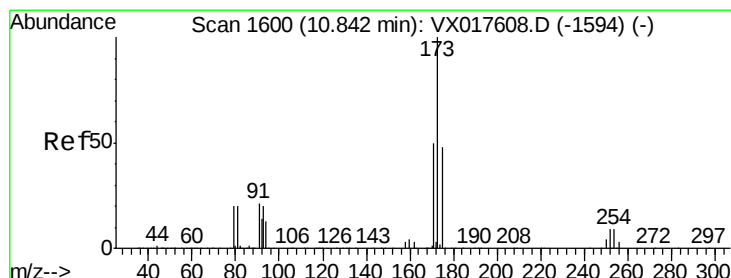
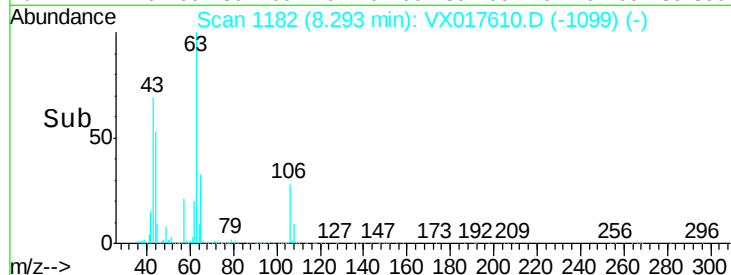
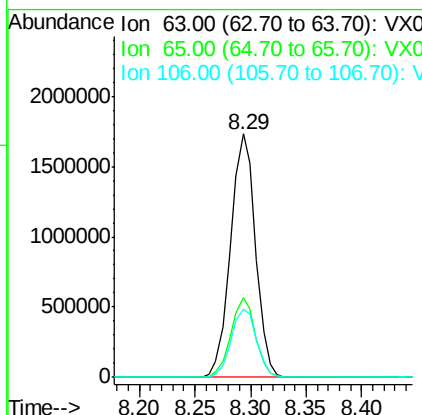
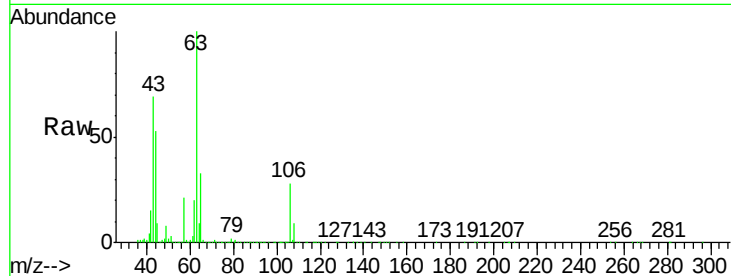




#55
2-Chloroethyl vinyl ether
Concen: 665.006 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

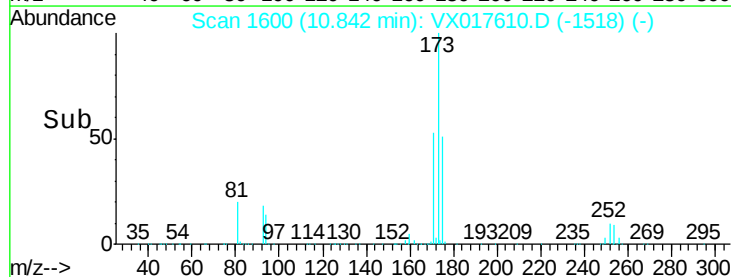
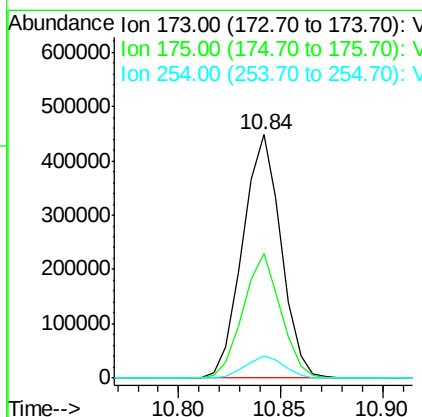
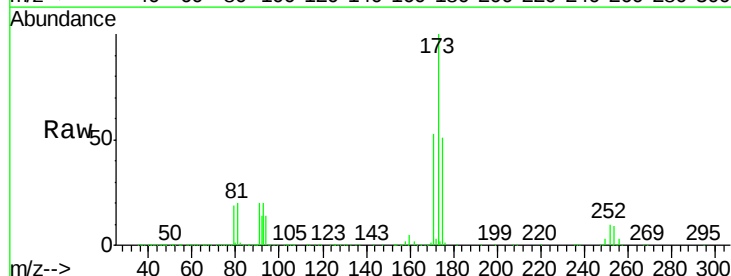
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

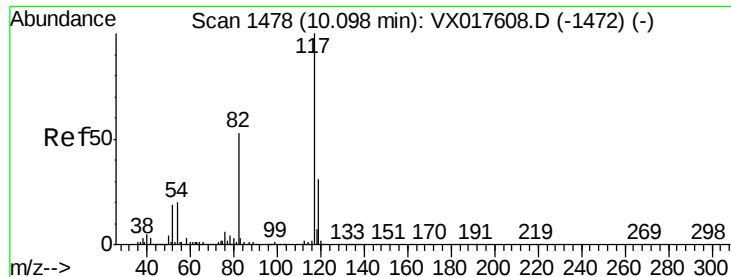
Tot Ion: 63 Resp: 2676673
Ion Ratio Lower Upper
63 100
65 32.2 25.5 38.3
106 28.8 22.9 34.3



#56
Bromoform
Concen: 105.596 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

Tgt Ion:173 Resp: 585308
Ion Ratio Lower Upper
173 100
175 50.4 38.2 57.4
254 9.4 7.4 11.2

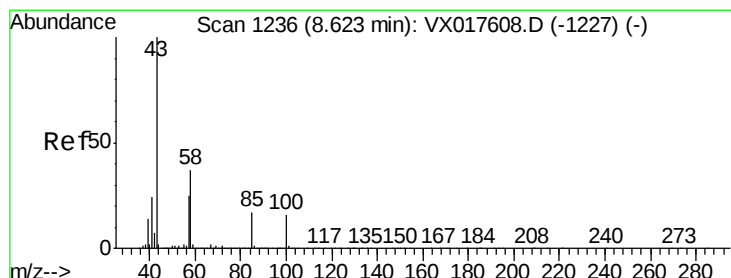
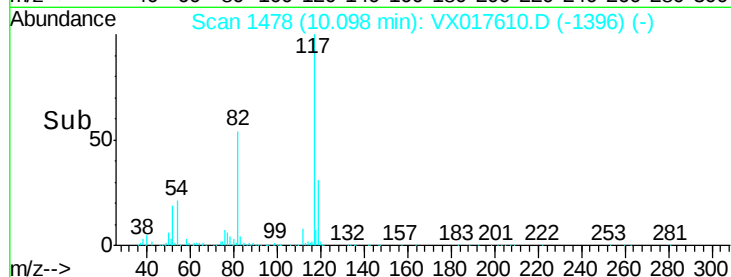
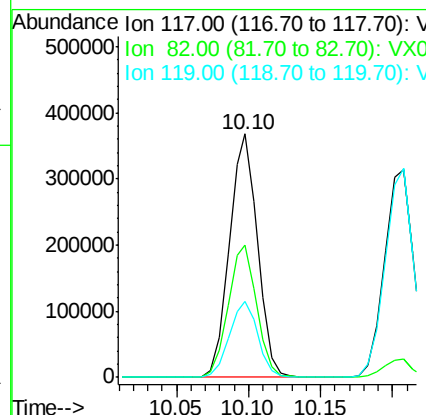
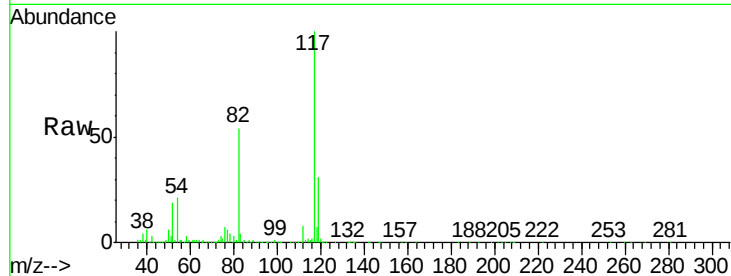




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

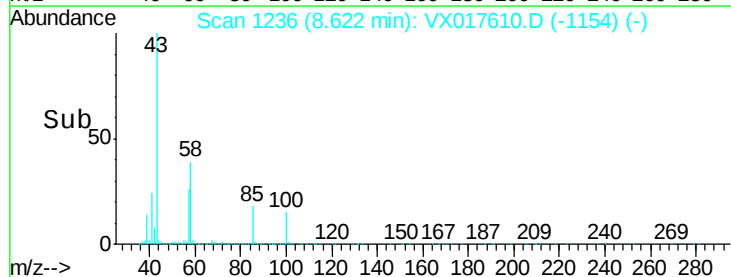
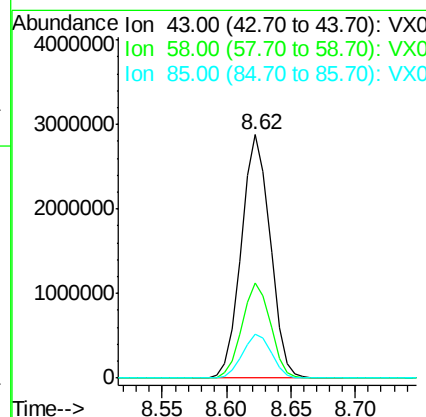
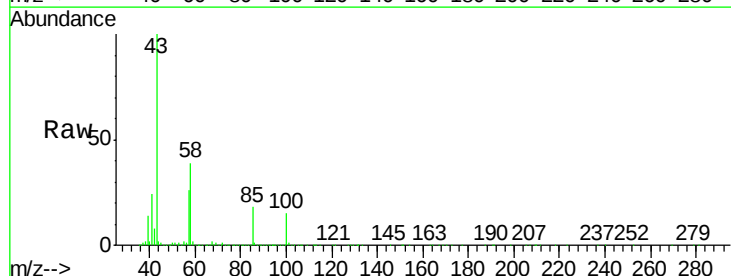
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

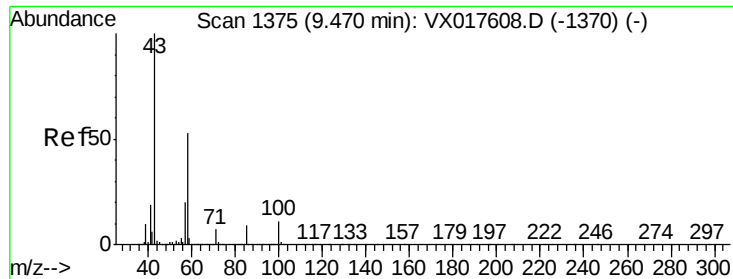
Tot Ion:117 Resp: 502118
Ion Ratio Lower Upper
117 100
82 55.1 43.6 65.4
119 31.6 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 524.122 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

Tgt Ion: 43 Resp: 4475804
Ion Ratio Lower Upper
43 100
58 38.7 30.5 45.7
85 18.3 14.2 21.2

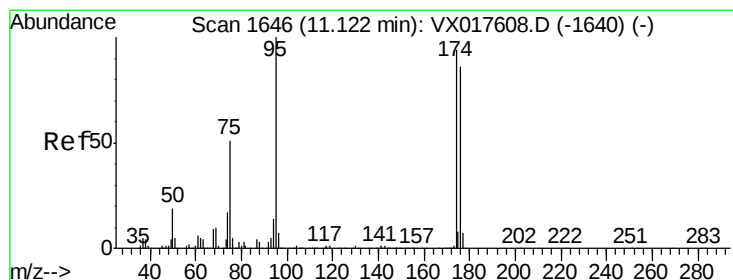
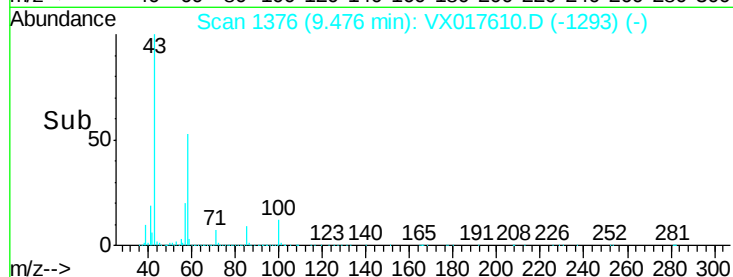
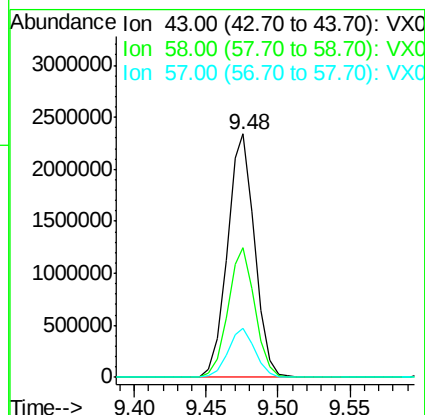
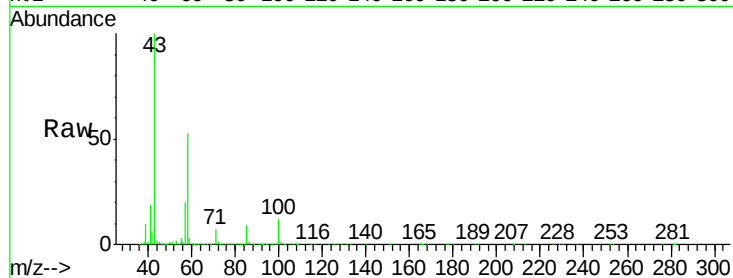




#59
2-Hexanone
Concen: 497.029 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

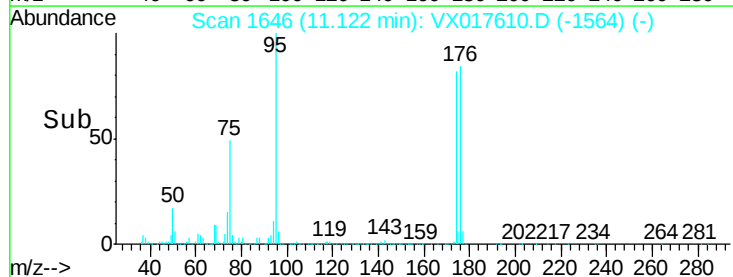
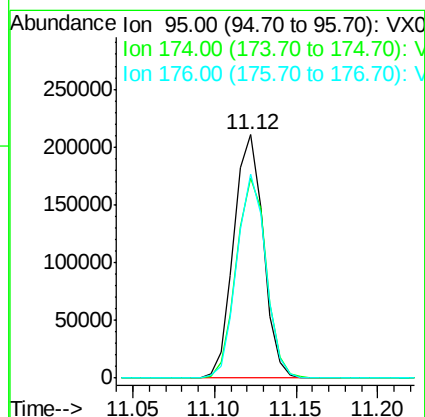
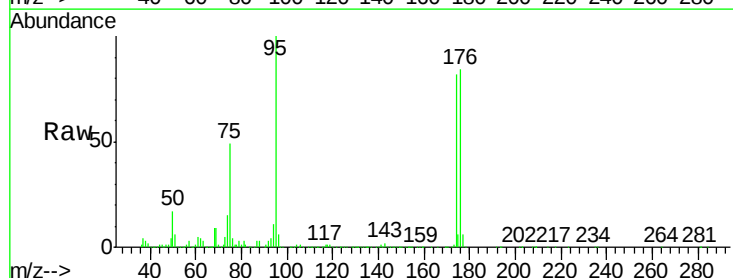
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

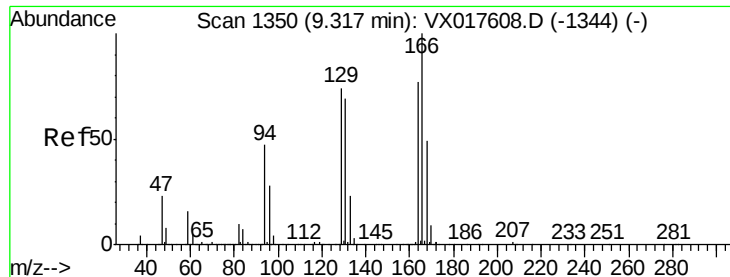
Tot Ion: 43 Resp: 3101821
Ion Ratio Lower Upper
43 100
58 52.5 42.9 64.3
57 19.7 16.1 24.1



#60
4-Bromofluorobenzene
Concen: 30.650 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

Tgt Ion: 95 Resp: 266075
Ion Ratio Lower Upper
95 100
174 83.7 70.2 105.2
176 82.4 65.6 98.4





#61

Tetrachloroethene

Concen: 95.364 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:164 Resp: 636182

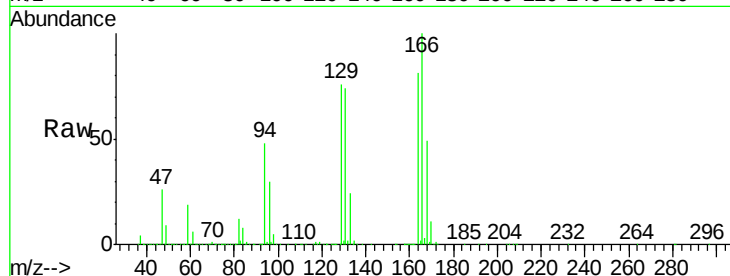
Ion Ratio Lower Upper

164 100

166 122.7 104.4 156.6

129 93.8 77.0 115.4

131 90.3 72.3 108.5

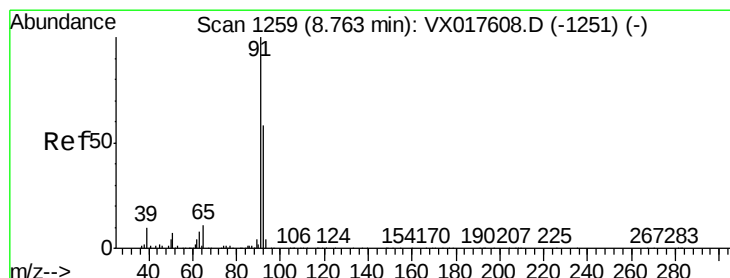
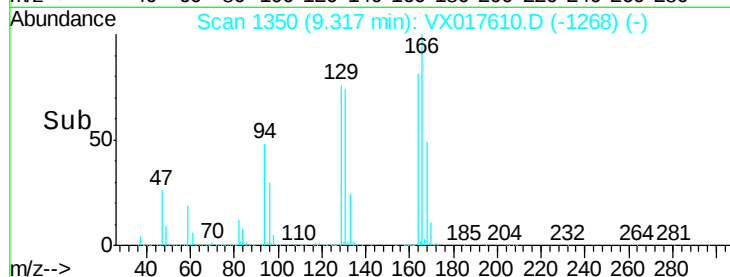
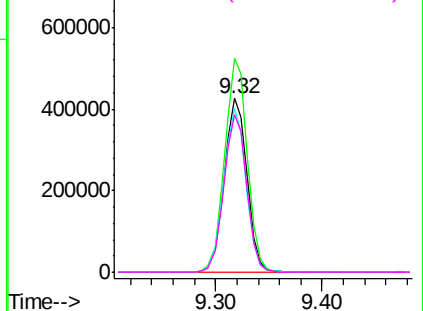


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 98.151 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017610.D

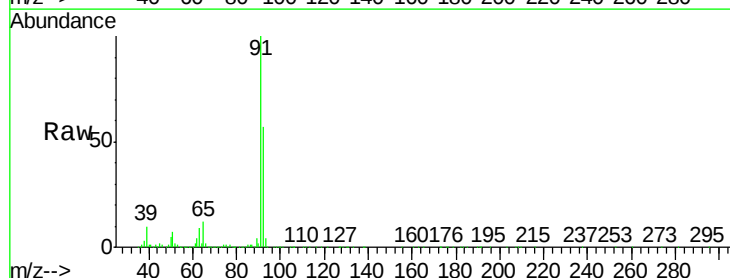
Acq: 27 Jul 2020 10:31

Tgt Ion: 91 Resp: 2461841

Ion Ratio Lower Upper

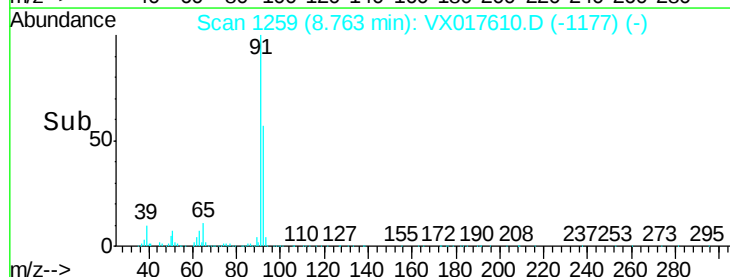
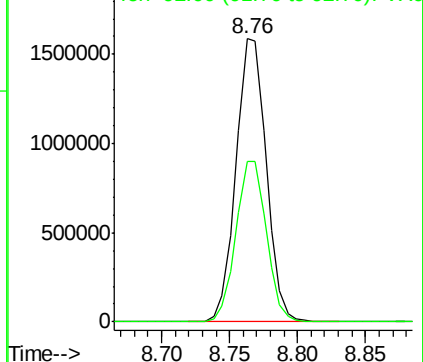
91 100

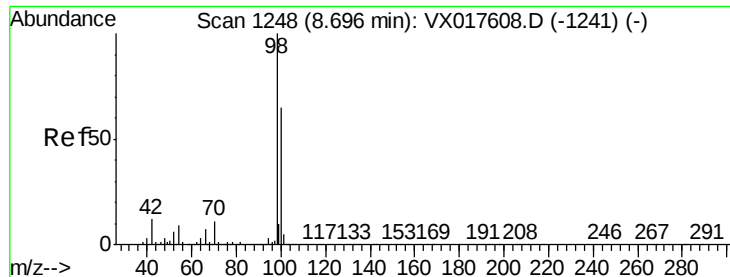
92 57.4 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.137 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

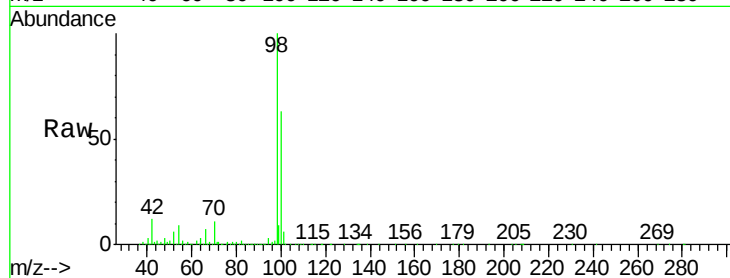
VSTDIC100

Tot Ion: 98 Resp: 639983

Ion Ratio Lower Upper

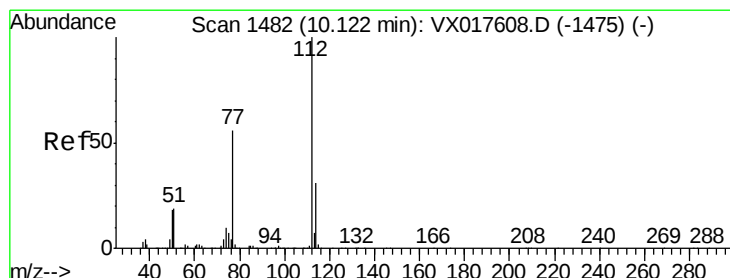
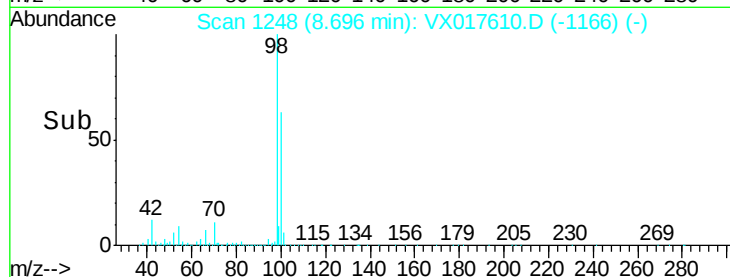
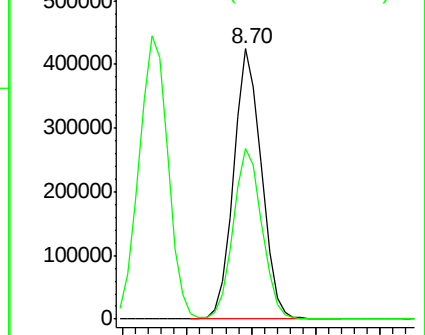
98 100

100 65.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 102.482 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017610.D

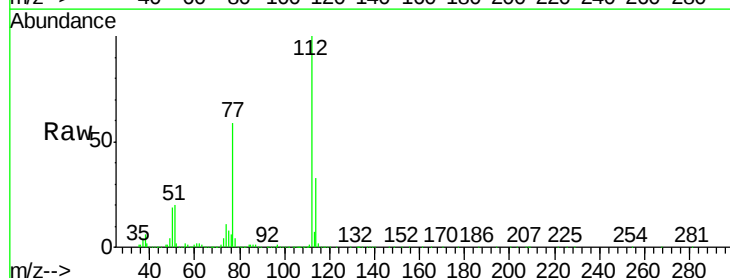
Acq: 27 Jul 2020 10:31

Tgt Ion: 112 Resp: 1664972

Ion Ratio Lower Upper

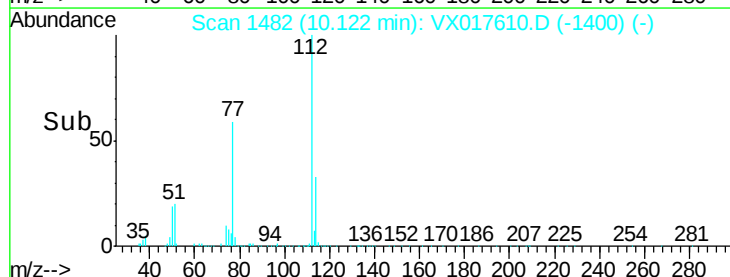
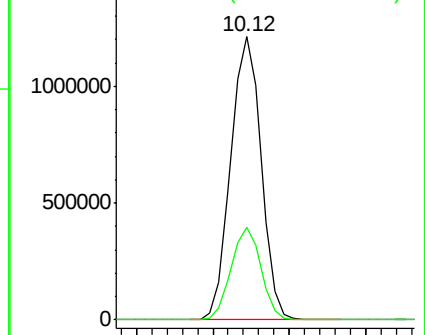
112 100

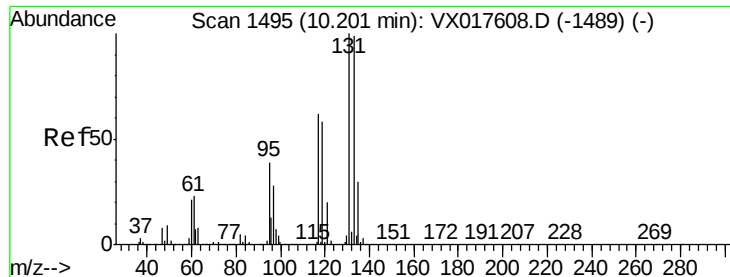
114 32.5 24.4 36.6



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: 103.258 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

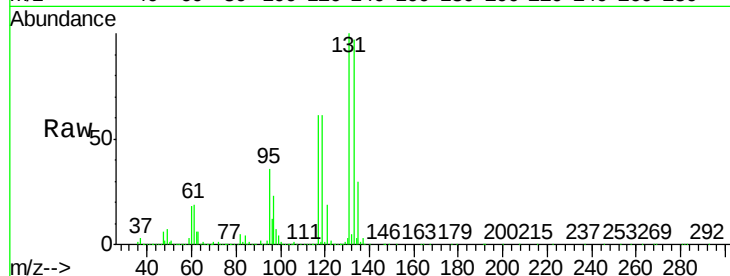
Tot Ion:131 Resp: 694943

Ion Ratio Lower Upper

131 100

133 95.9 0.0 189.8

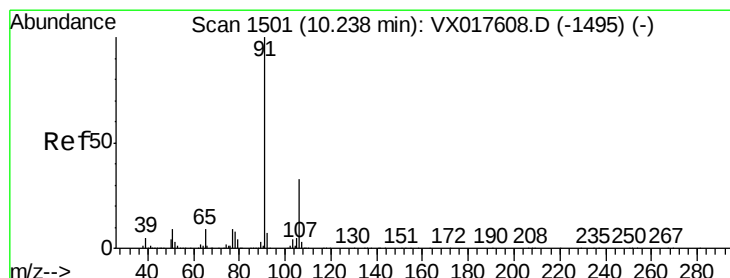
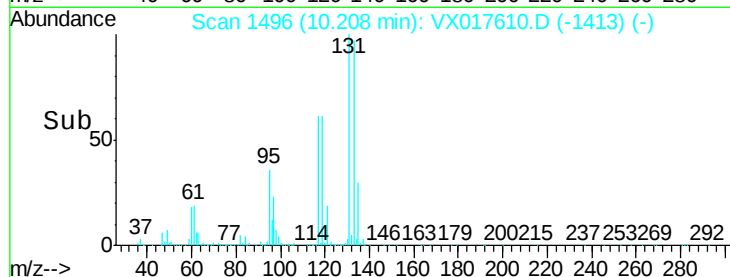
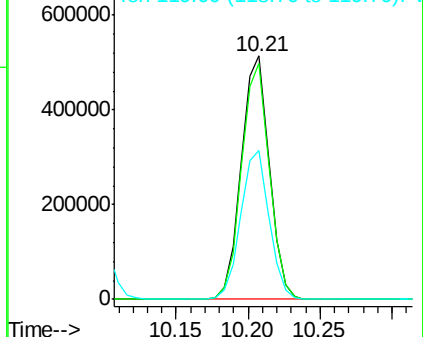
119 61.8 0.0 119.6



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: 100.496 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017610.D

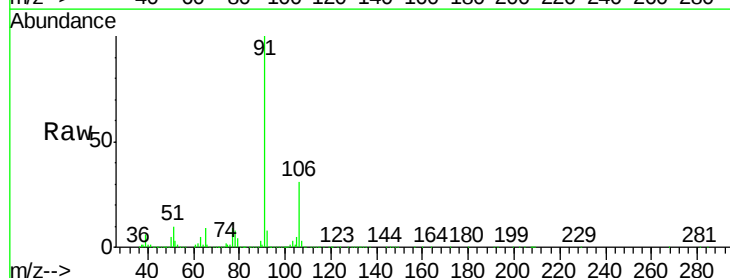
Acq: 27 Jul 2020 10:31

Tgt Ion: 91 Resp: 2771648

Ion Ratio Lower Upper

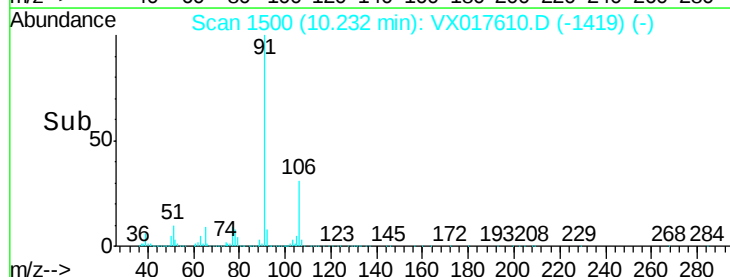
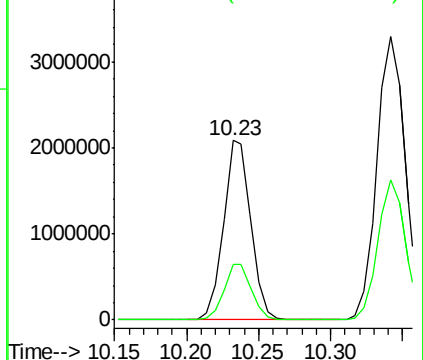
91 100

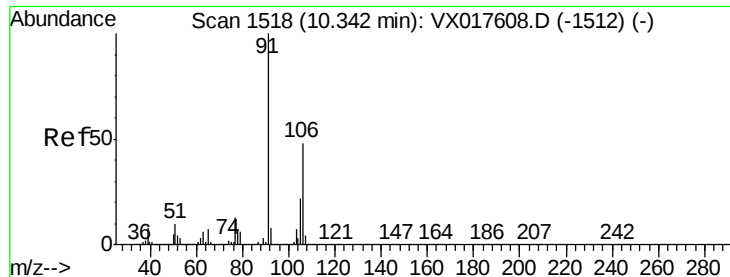
106 31.1 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

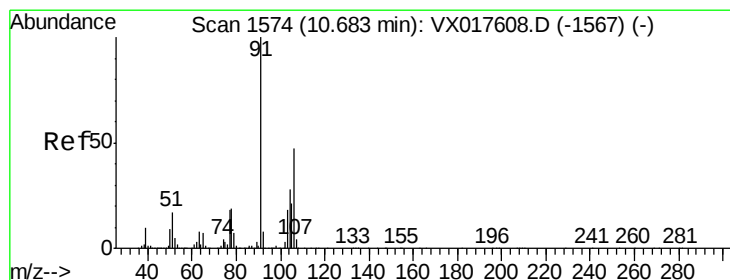
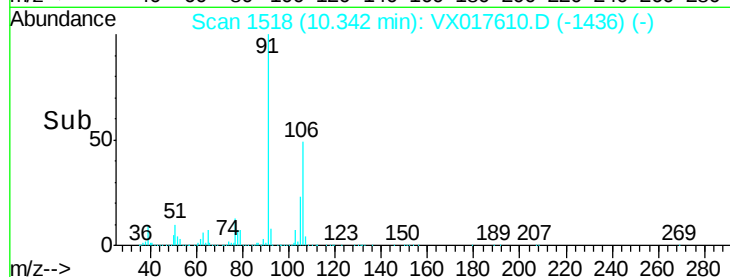
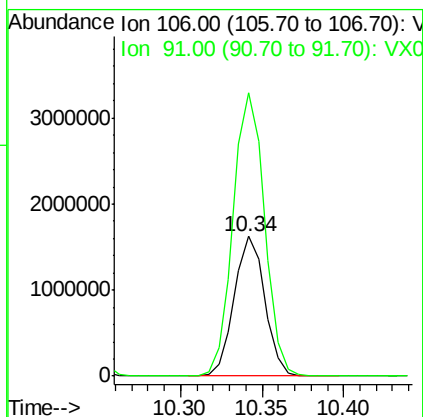
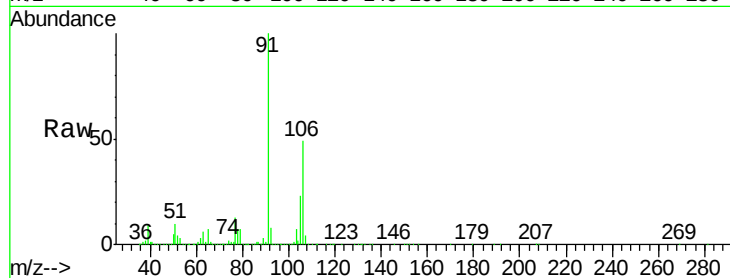




#67
m/p-Xylenes
Concen: 201.150 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

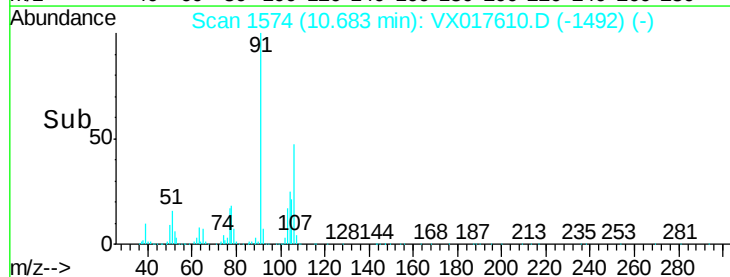
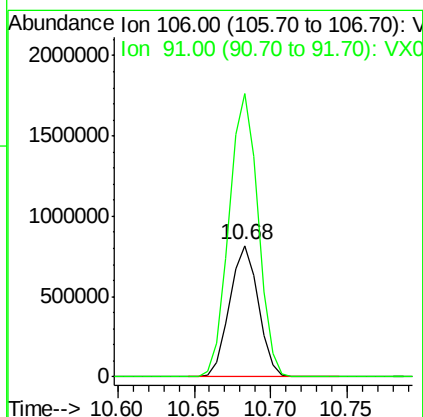
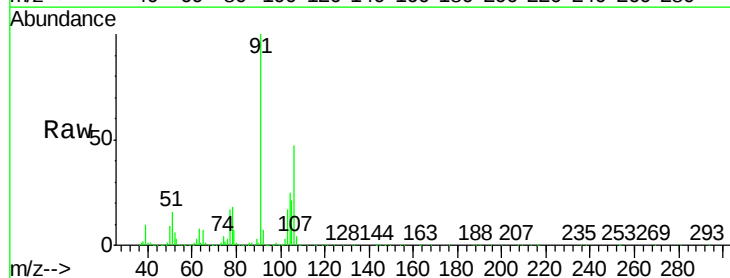
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

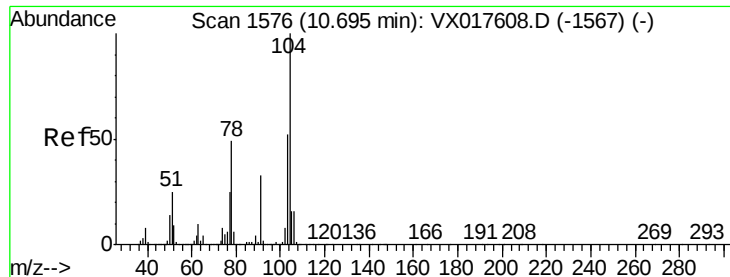
Tot Ion:106 Resp: 2128536
Ion Ratio Lower Upper
106 100
91 207.5 166.6 249.8



#68
o-Xylene
Concen: 104.554 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

Tgt Ion:106 Resp: 1064528
Ion Ratio Lower Upper
106 100
91 217.5 105.8 317.6

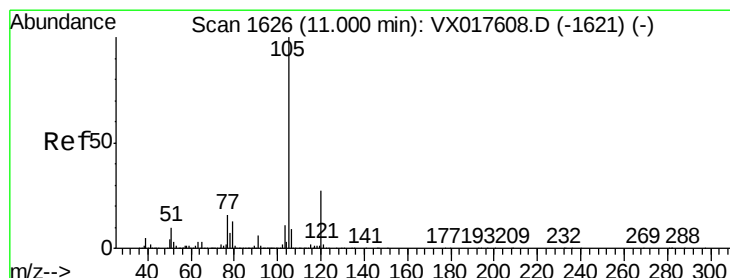
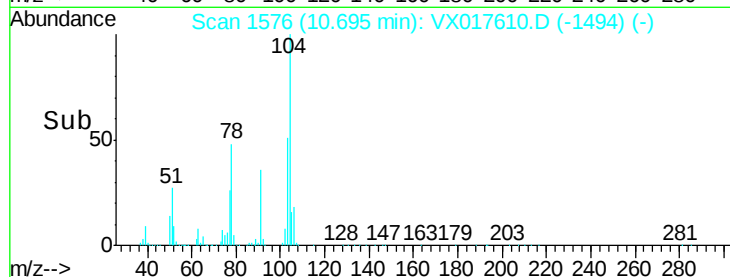
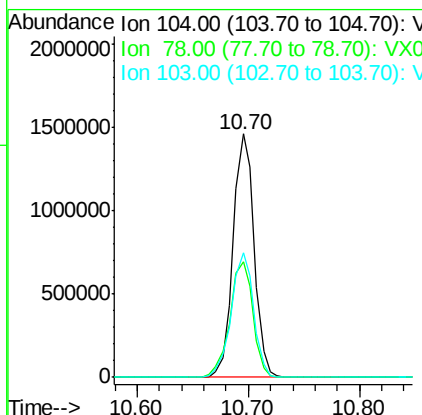
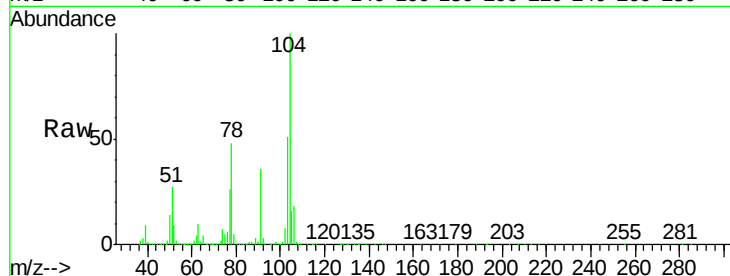




#69
Stvrene
Concen: 105.765 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

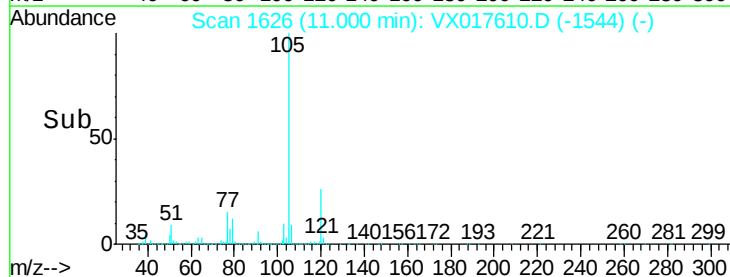
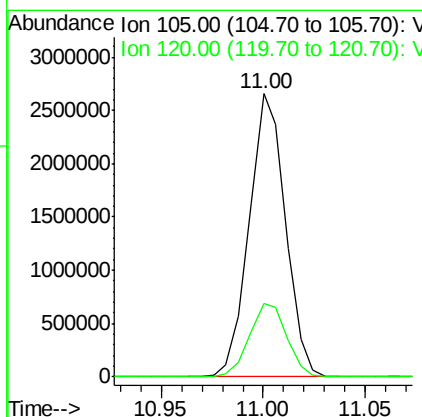
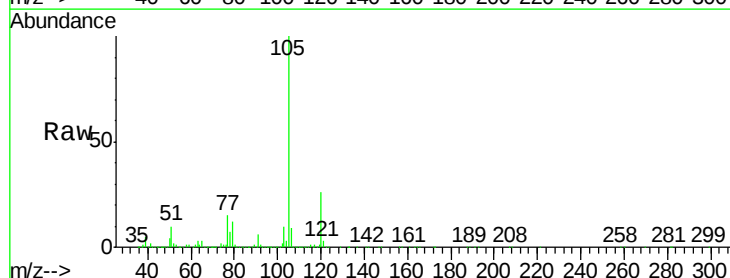
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

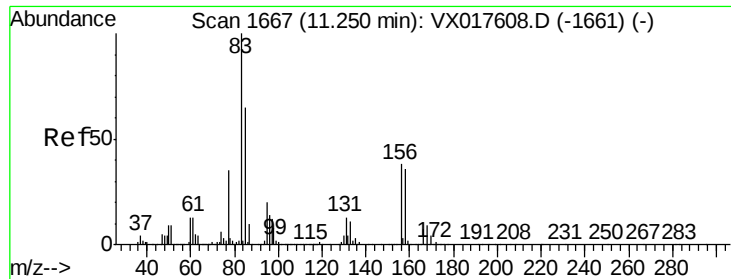
Tot Ion:104 Resp: 1903080
Ion Ratio Lower Upper
104 100
78 52.3 41.7 62.5
103 54.6 43.4 65.2



#70
Isopropylbenzene
Concen: 115.043 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

Tgt Ion:105 Resp: 3289415
Ion Ratio Lower Upper
105 100
120 26.8 18.7 34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 99.317 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

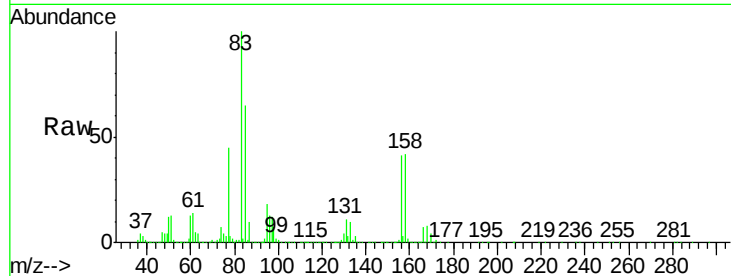
Tot Ion: 83 Resp: 863593

Ion Ratio Lower Upper

83 100

131 11.7 5.9 17.8

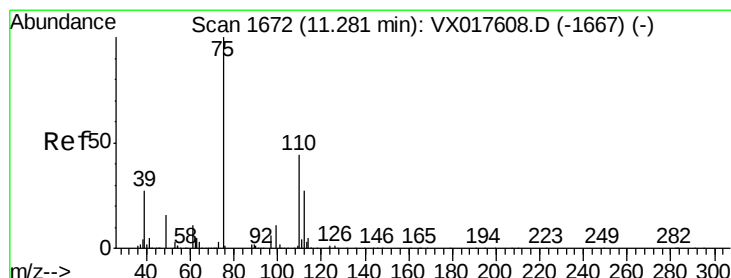
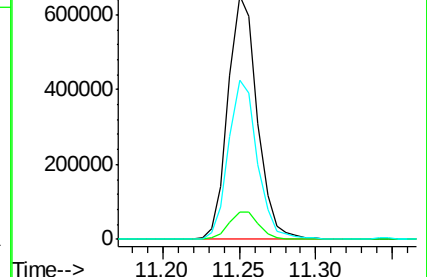
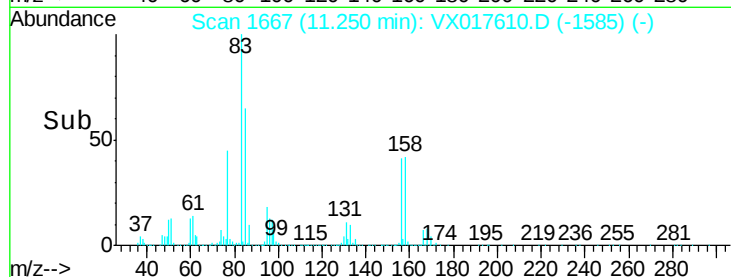
85 64.8 32.7 98.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 132.009 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017610.D

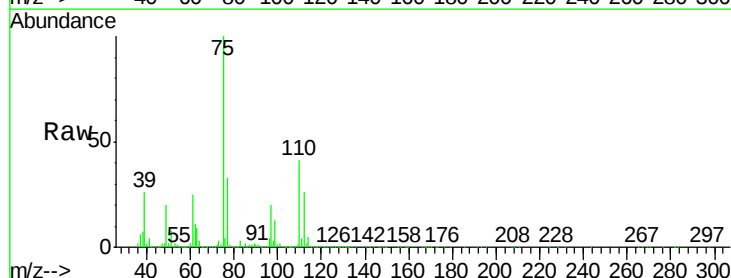
Acq: 27 Jul 2020 10:31

Tgt Ion: 75 Resp: 1131994

Ion Ratio Lower Upper

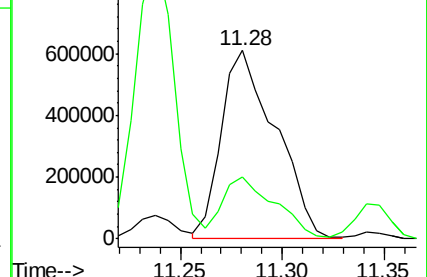
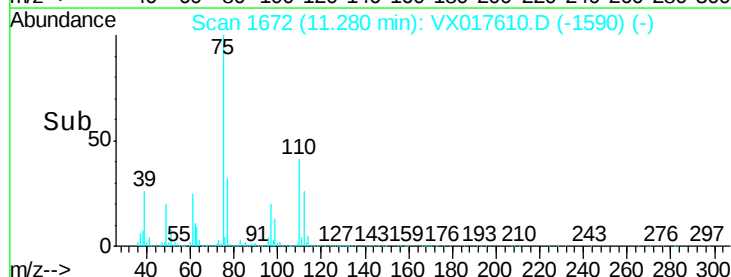
75 100

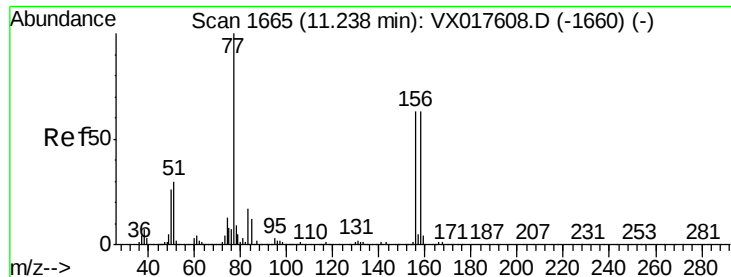
77 31.8 0.0 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 101.845 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

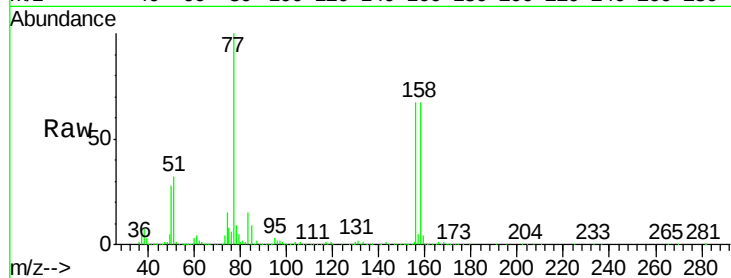
Tot Ion:156 Resp: 809164

Ion Ratio Lower Upper

156 100

77 149.4 0.0 302.0

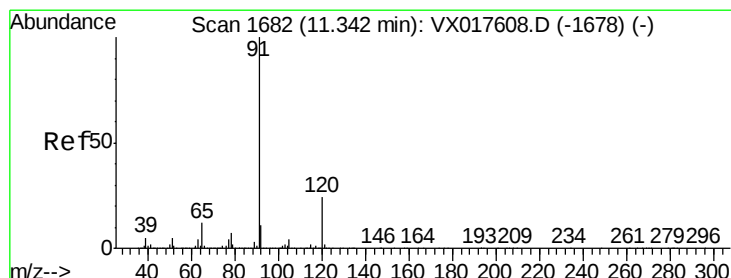
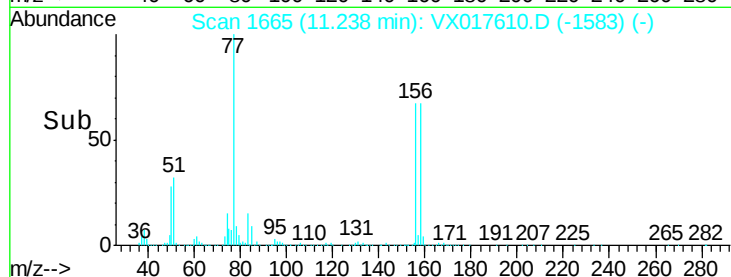
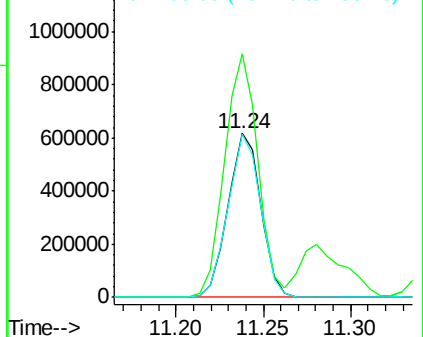
158 97.9 0.0 199.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 106.684 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017610.D

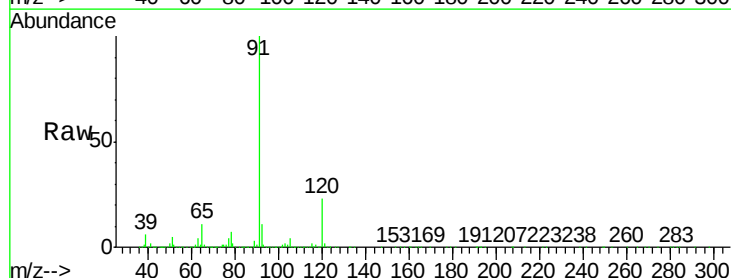
Acq: 27 Jul 2020 10:31

Tgt Ion: 91 Resp: 3480329

Ion Ratio Lower Upper

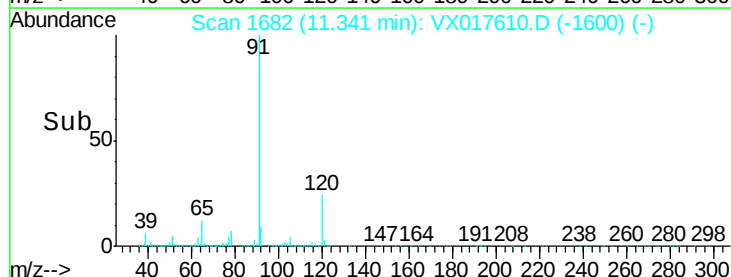
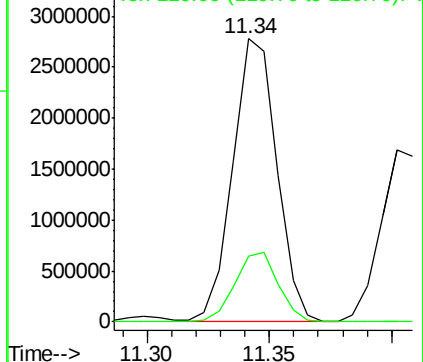
91 100

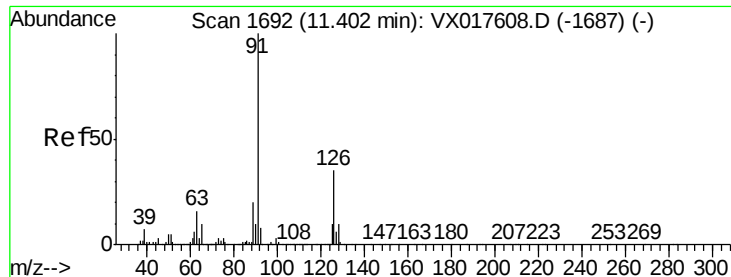
120 24.1 0.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 110.578 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

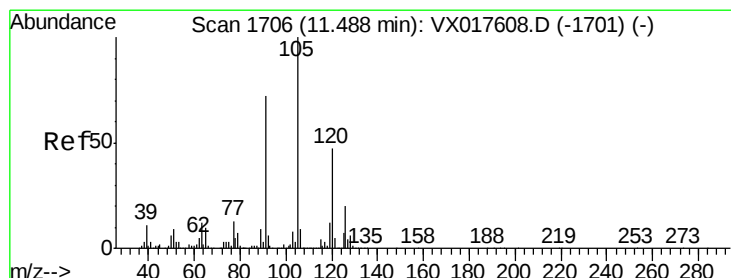
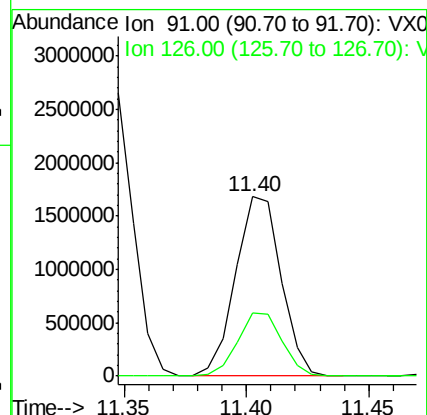
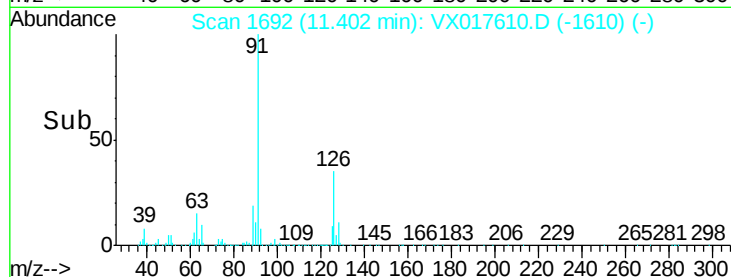
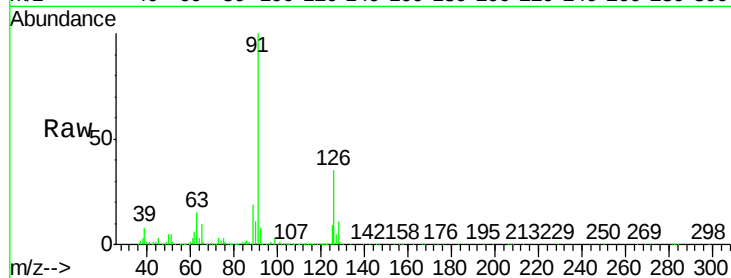
VSTDIC100

Tot Ion: 91 Resp: 2183708

Ion Ratio Lower Upper

91 100

126 34.6 0.0 67.8



#76

1,3,5-Trimethylbenzene

Concen: 104.498 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX017610.D

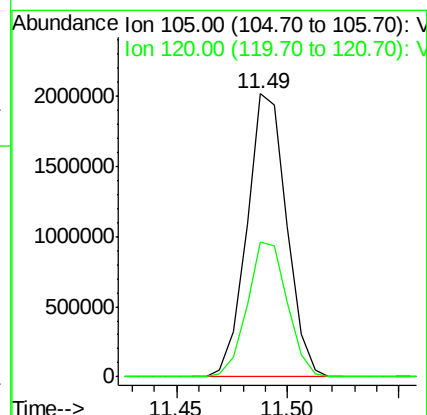
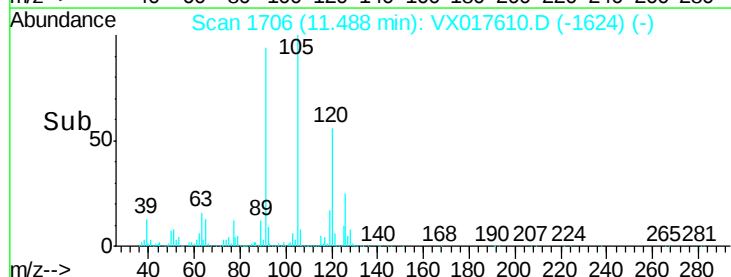
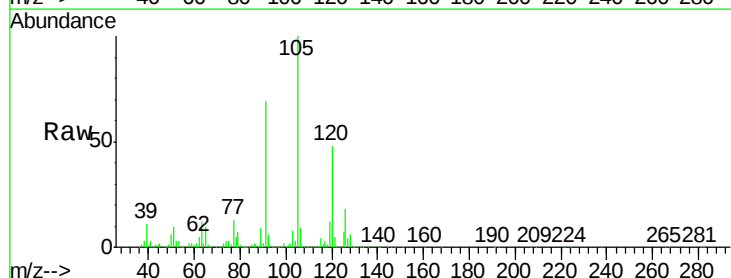
Acq: 27 Jul 2020 10:31

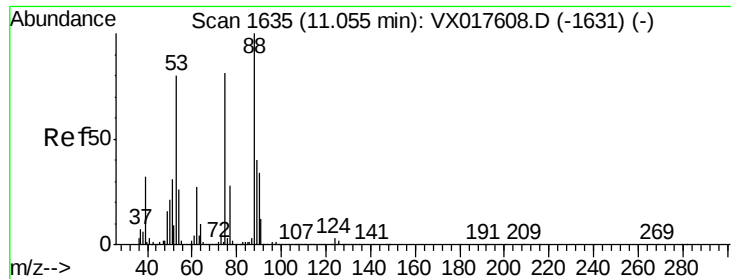
Tgt Ion: 105 Resp: 2505744

Ion Ratio Lower Upper

105 100

120 48.2 0.0 95.8





#77

t-1,4-Dichloro-2-butene

Concen: 106.556 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

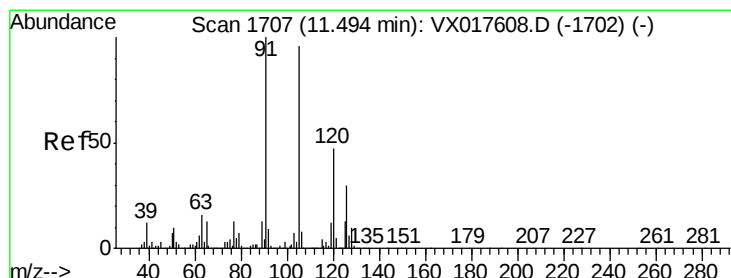
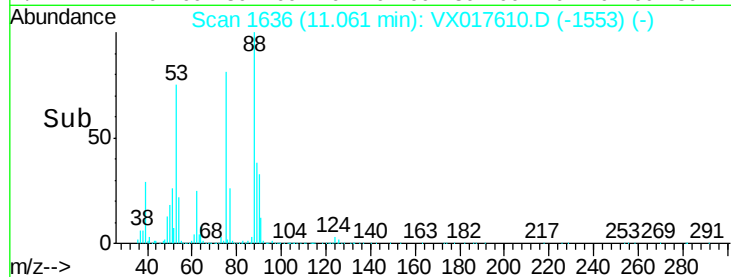
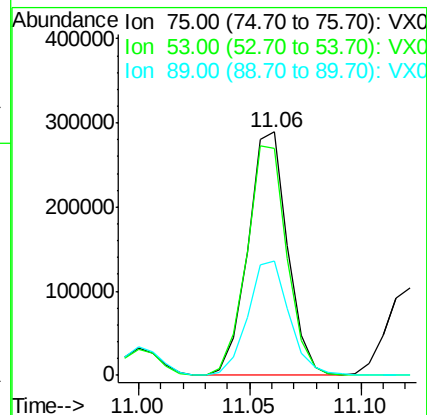
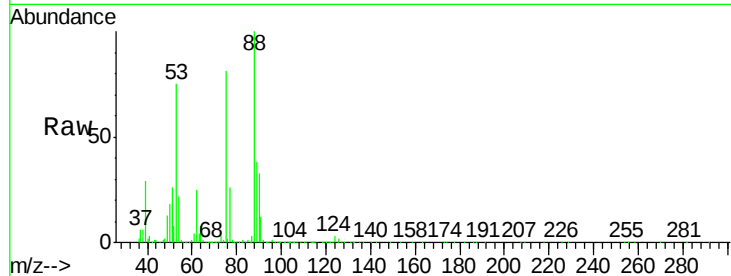
Tot Ion: 75 Resp: 359661

Ion Ratio Lower Upper

75 100

53 93.4 49.0 147.0

89 46.5 24.4 73.2



#78

4-Chlorotoluene

Concen: 101.022 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017610.D

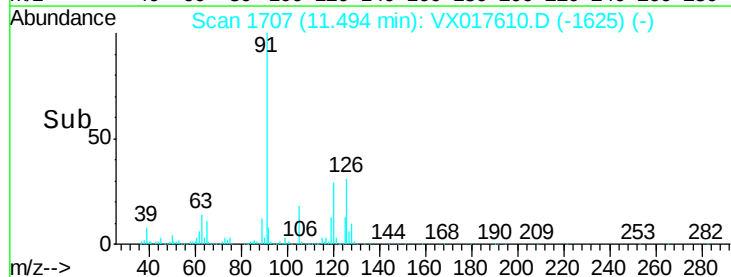
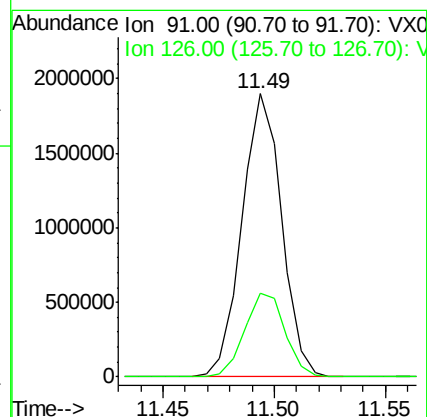
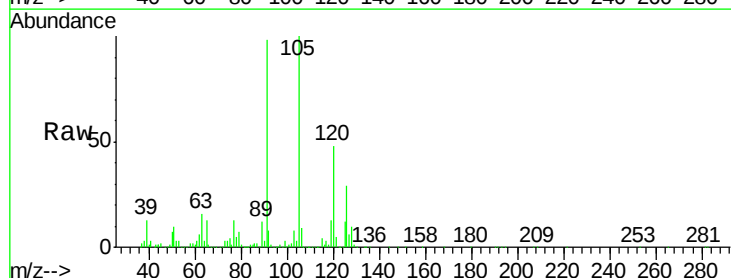
Acq: 27 Jul 2020 10:31

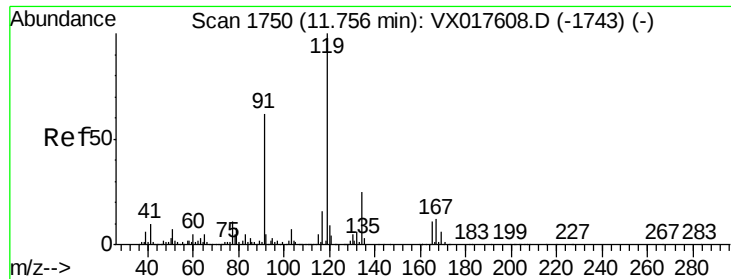
Tgt Ion: 91 Resp: 2359169

Ion Ratio Lower Upper

91 100

126 30.2 0.0 60.8

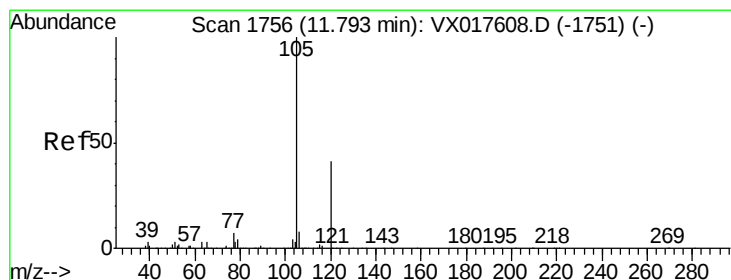
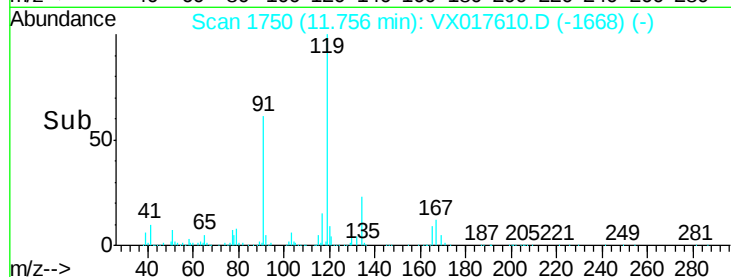
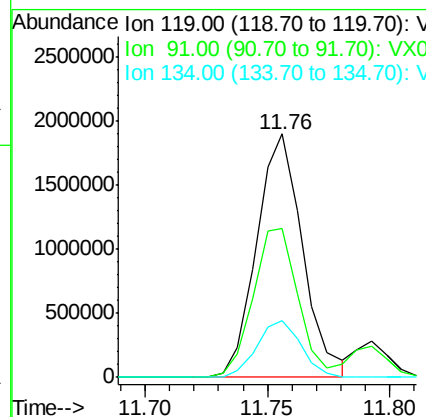
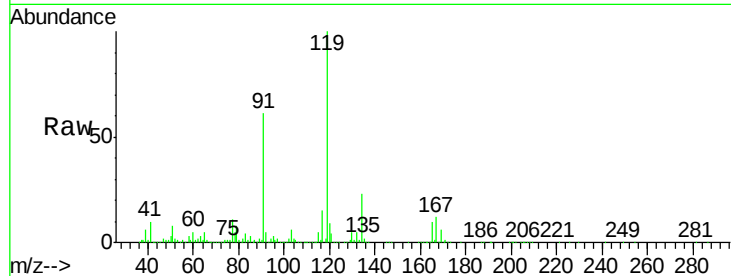




#79
tert-butylbenzene
Concen: 107.165 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

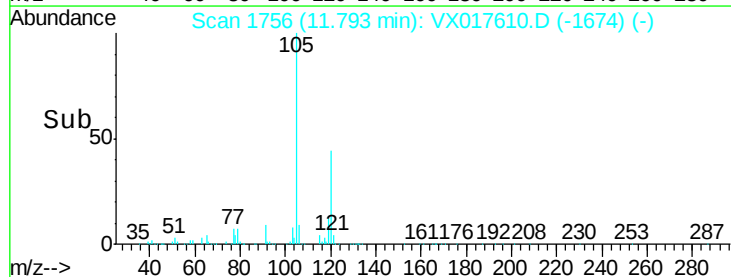
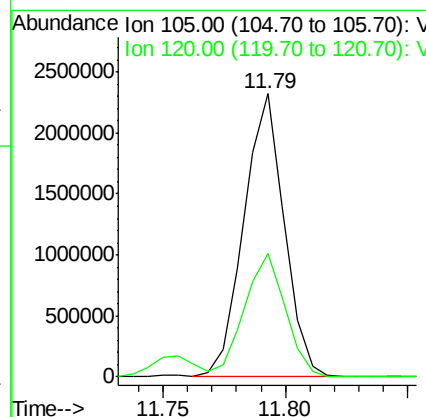
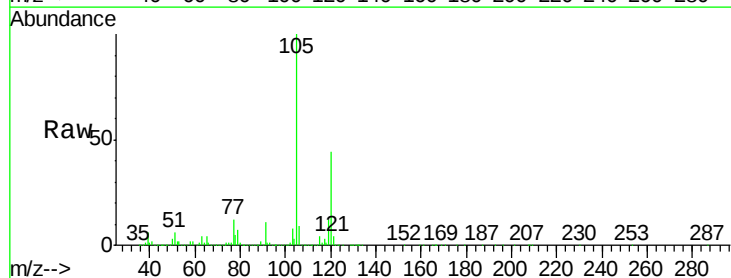
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

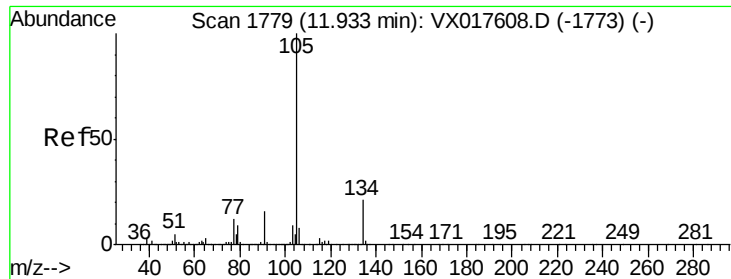
Tot Ion:119 Resp: 2497194
Ion Ratio Lower Upper
119 100
91 59.3 0.0 121.0
134 22.6 0.0 45.0



#80
1,2,4-Trimethylbenzene
Concen: 110.077 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

Tgt Ion:105 Resp: 2655760
Ion Ratio Lower Upper
105 100
120 44.4 0.0 90.0





#81

sec-Butylbenzene

Concen: 118.420 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

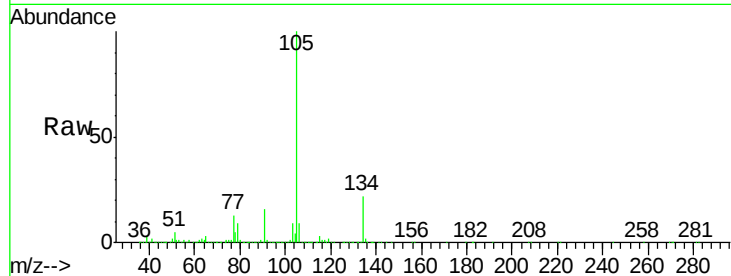
VSTDIC100

Tot Ion:105 Resp: 3188008

Ion Ratio Lower Upper

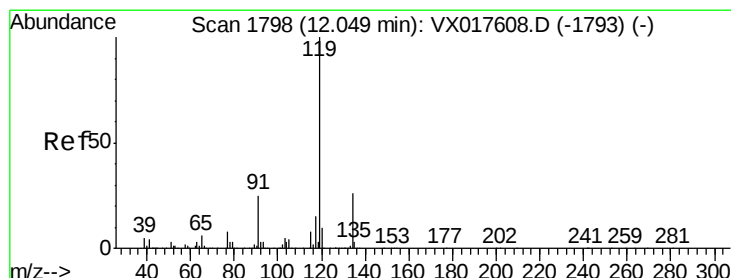
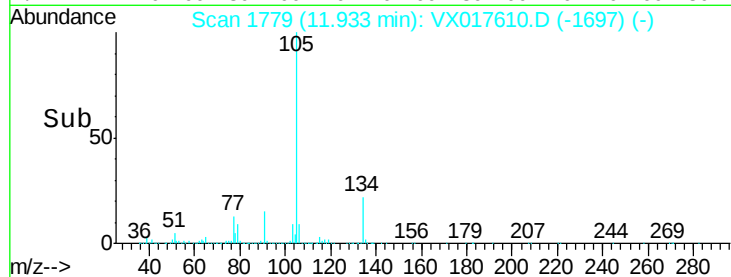
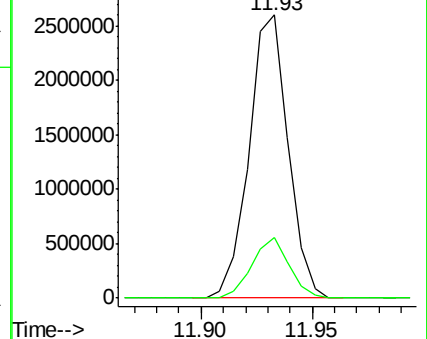
105 100

134 20.5 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: 112.122 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

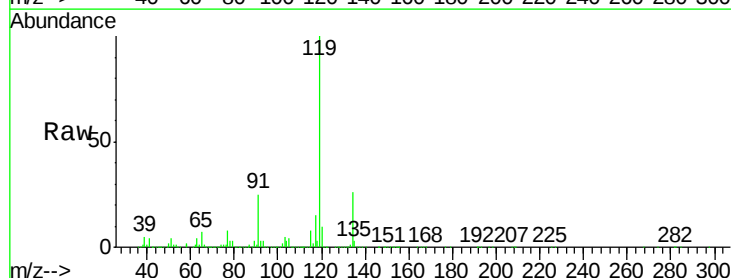
Tgt Ion:119 Resp: 2872595

Ion Ratio Lower Upper

119 100

134 25.9 0.0 52.6

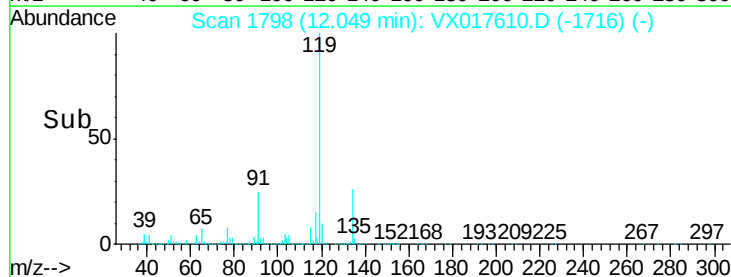
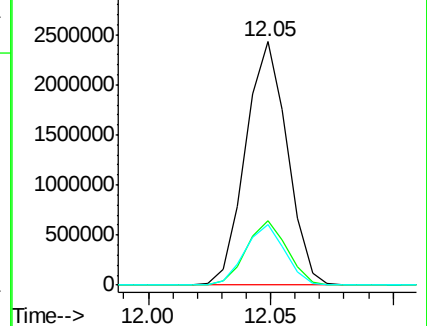
91 24.1 0.0 48.2

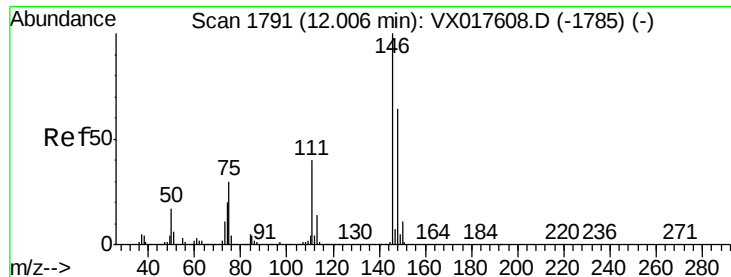


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

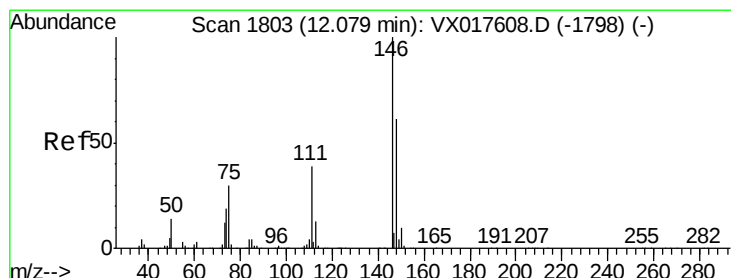
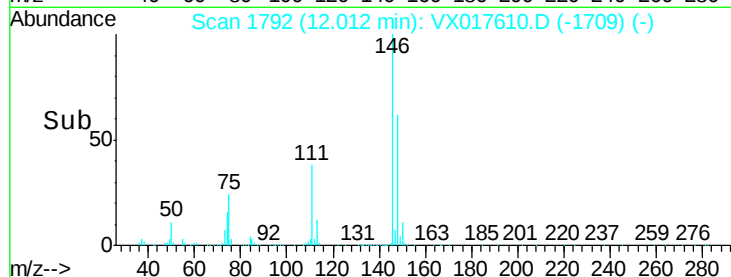
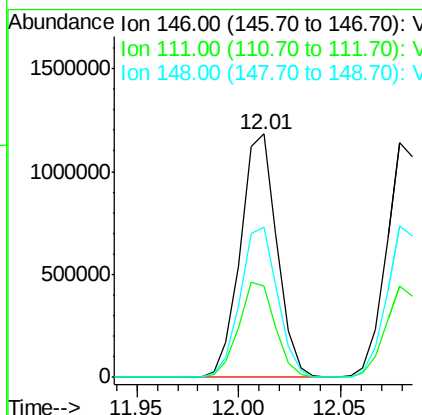
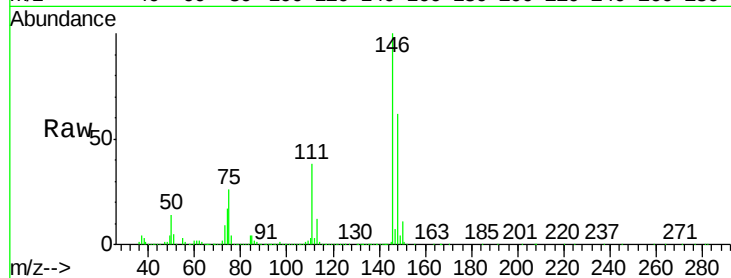




#83
 1,3-Dichlorobenzene
 Concen: 104.892 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX017610.D
 Acq: 27 Jul 2020 10:31

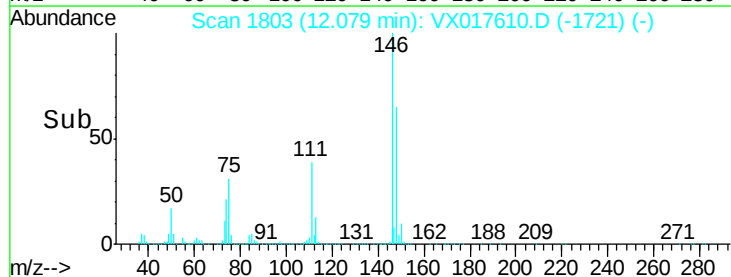
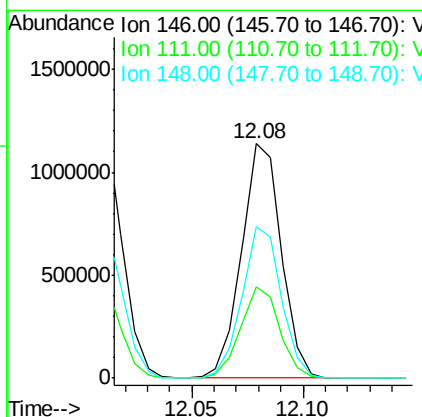
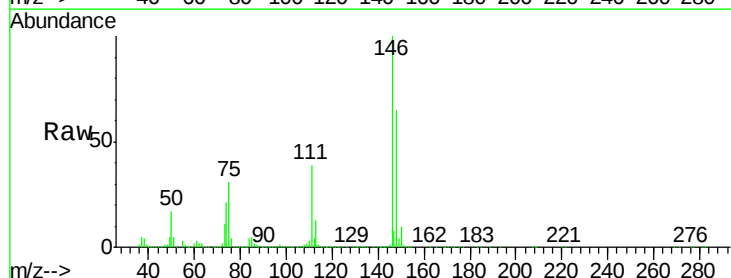
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

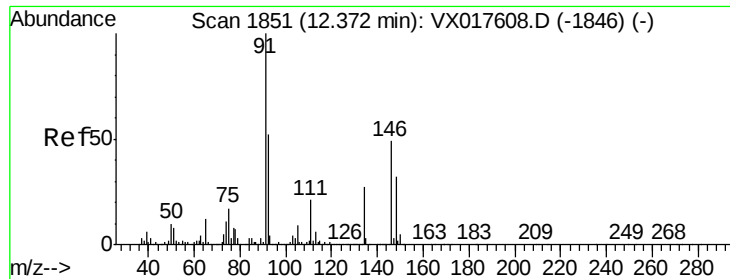
Tot Ion:146 Resp: 1473048
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.9 59.7
 148 62.6 32.6 98.0



#84
 1,4-Dichlorobenzene
 Concen: 100.243 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017610.D
 Acq: 27 Jul 2020 10:31

Tgt Ion:146 Resp: 1427027
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.7 56.1
 148 63.6 31.6 94.8

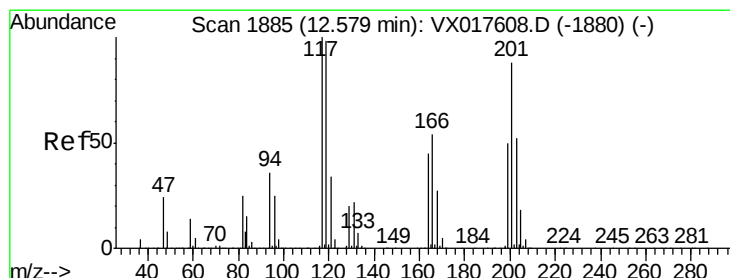
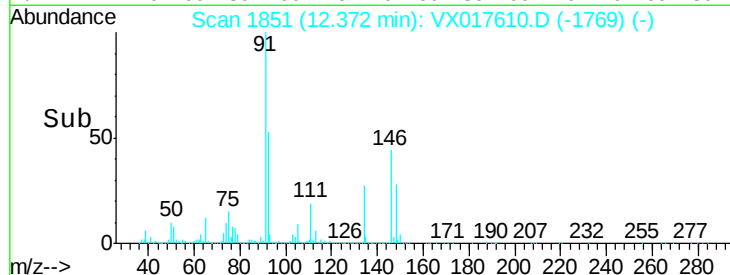
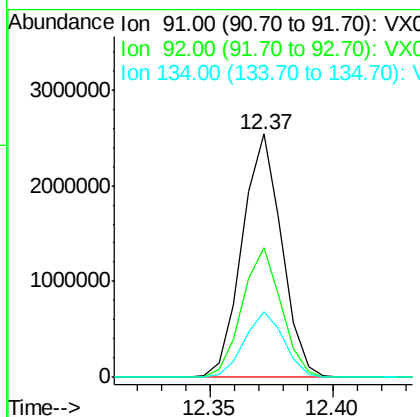
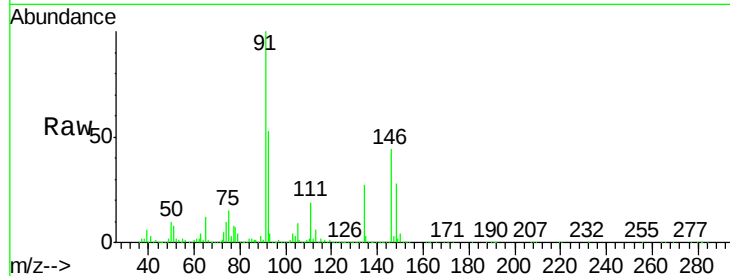




#85
n-Butylbenzene
Concen: 127.422 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

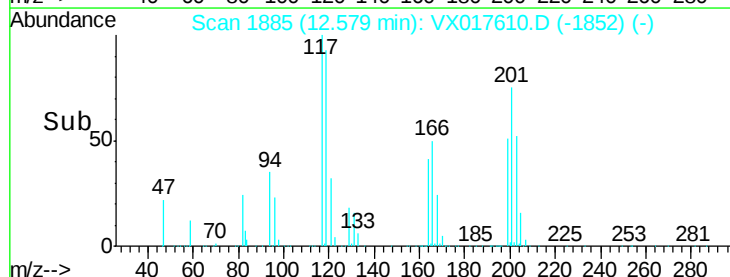
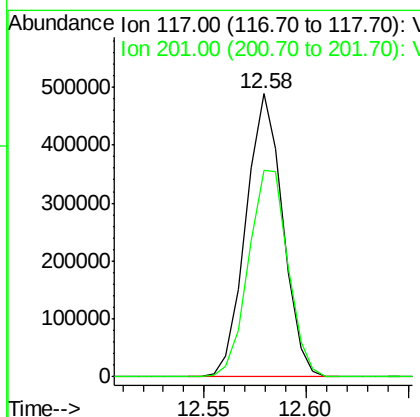
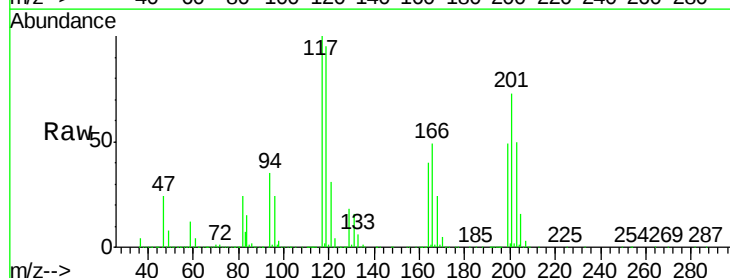
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

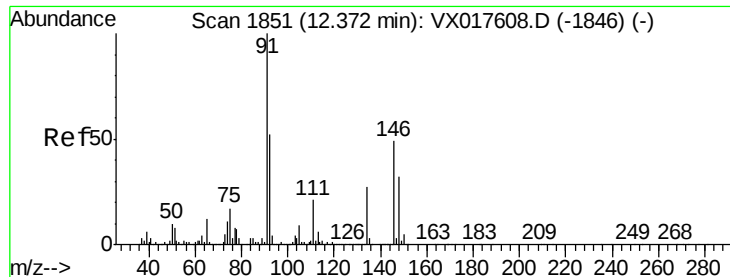
Tot Ion: 91 Resp: 2840415
Ion Ratio Lower Upper
91 100
92 52.9 0.0 104.0
134 26.9 0.0 55.0



#86
Hexachloroethane
Concen: 122.113 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017610.D
Acq: 27 Jul 2020 10:31

Tgt Ion: 117 Resp: 612537
Ion Ratio Lower Upper
117 100
201 78.2 43.1 129.3





#87

1,2-Dichlorobenzene

Concen: 111.291 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

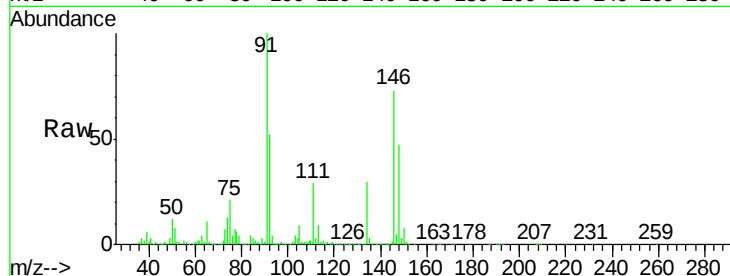
Tot Ion:146 Resp: 1518950

Ion Ratio Lower Upper

146 100

111 41.1 20.7 62.1

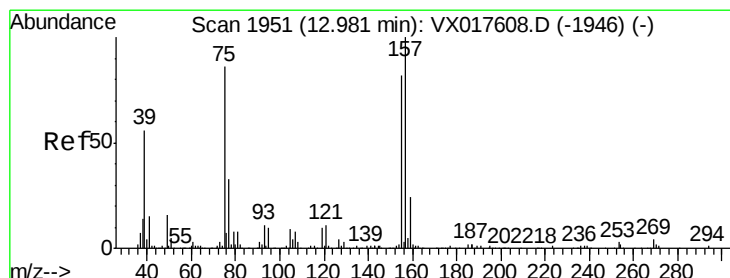
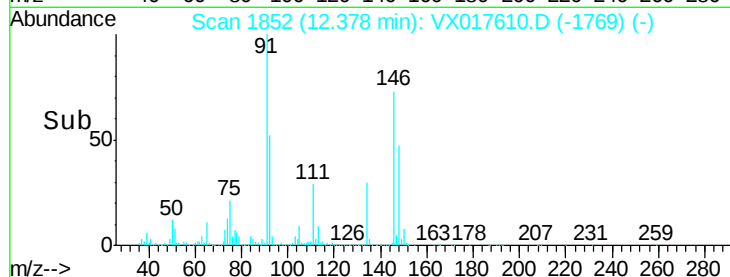
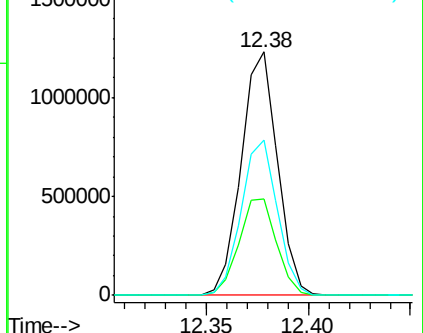
148 63.8 32.3 96.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 120.470 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

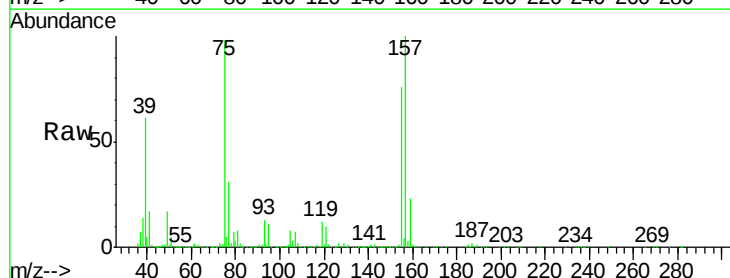
Tgt Ion: 75 Resp: 259047

Ion Ratio Lower Upper

75 100

155 84.9 69.5 104.3

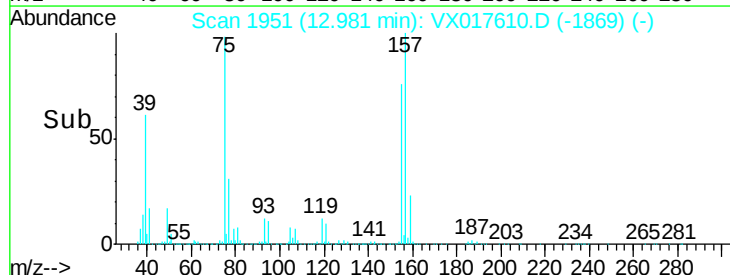
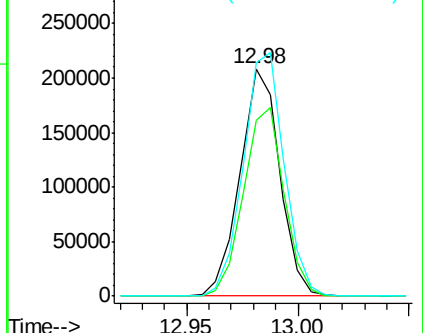
157 110.3 88.2 132.4

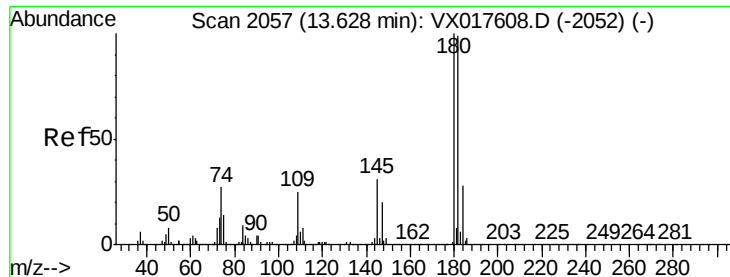


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

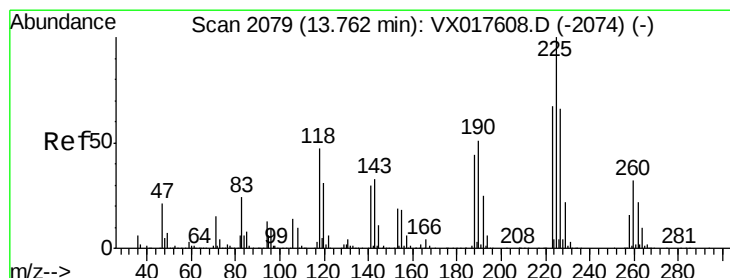
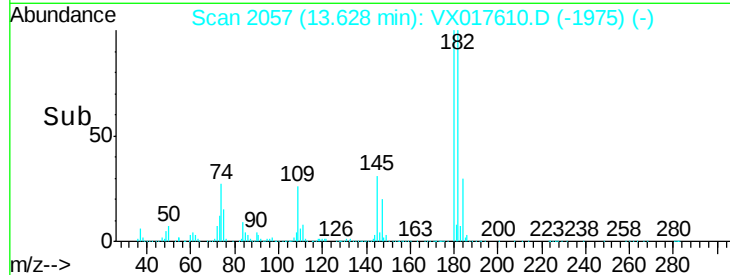
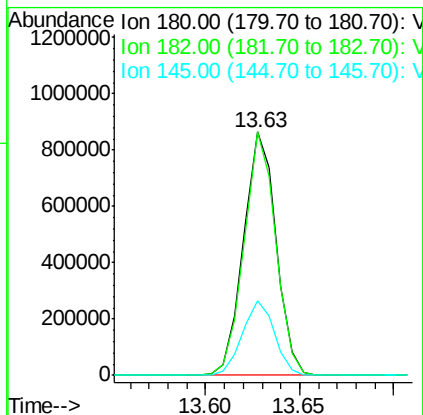
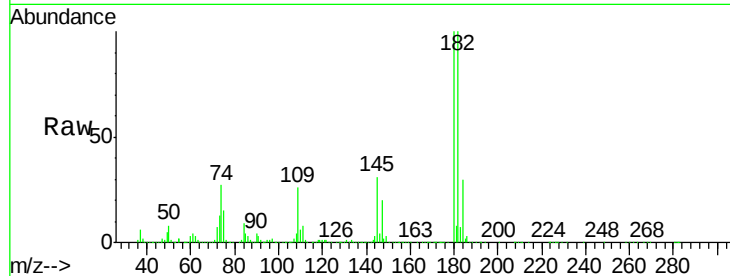




#89
 1,2,4-Trichlorobenzene
 Concen: 106.638 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017610.D
 Acq: 27 Jul 2020 10:31

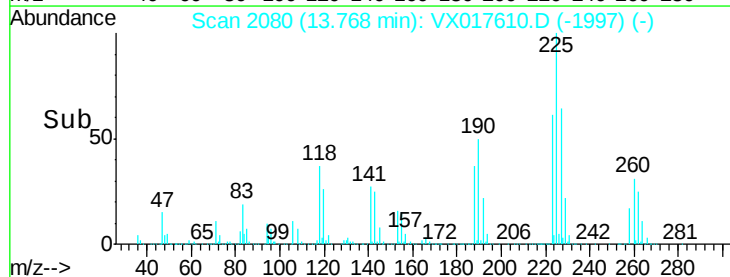
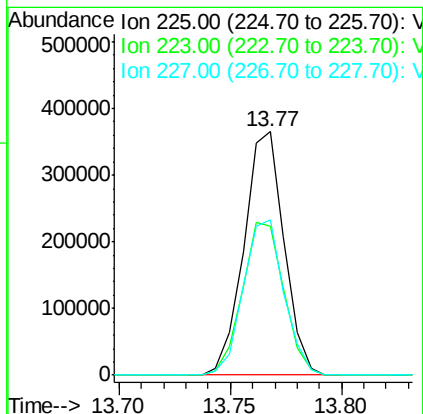
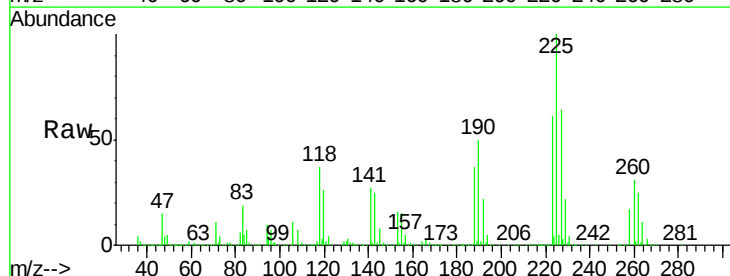
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

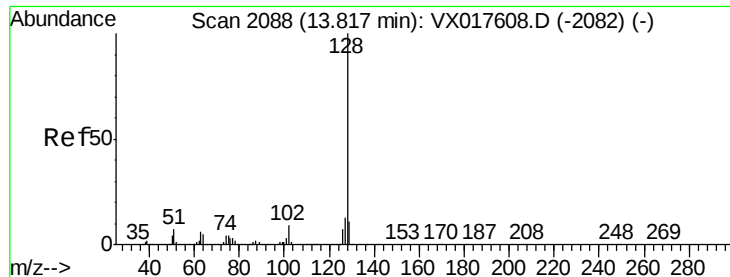
Tot Ion:180 Resp: 1034241
 Ion Ratio Lower Upper
 180 100
 182 97.1 77.4 116.0
 145 30.4 24.9 37.3



#90
 Hexachlorobutadiene
 Concen: 116.191 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX017610.D
 Acq: 27 Jul 2020 10:31

Tgt Ion:225 Resp: 459881
 Ion Ratio Lower Upper
 225 100
 223 64.8 0.0 130.8
 227 64.6 0.0 127.2





#91

Naphthalene

Concen: 105.982 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

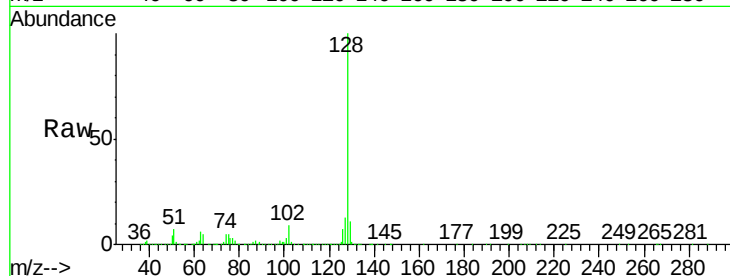
Tot Ion:128 Resp: 3130698

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

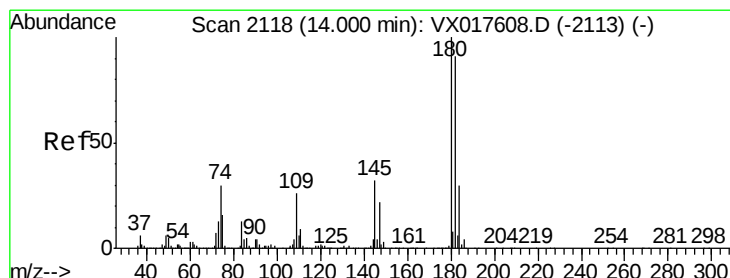
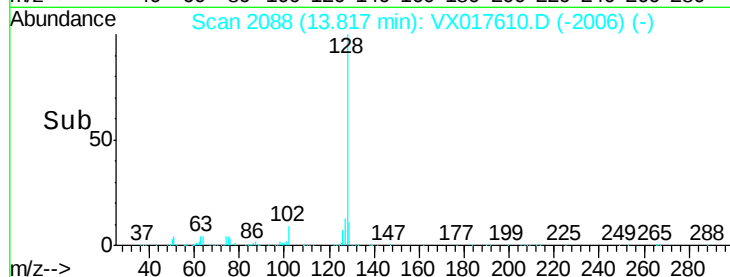
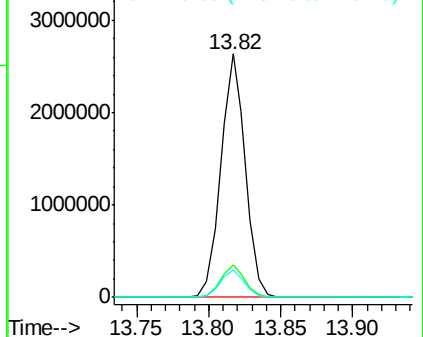
129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 105.567 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX017610.D

Acq: 27 Jul 2020 10:31

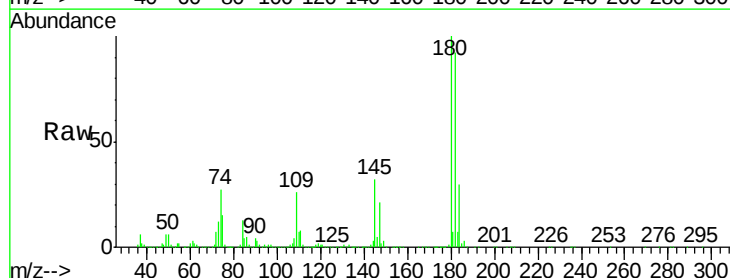
Tgt Ion:180 Resp: 1006719

Ion Ratio Lower Upper

180 100

182 94.8 0.0 190.2

145 32.4 0.0 63.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

