

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070920\
 Data File : VX017300.D
 Acq On : 09 Jul 2020 11:15
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Quant Time: Jul 09 11:42:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 11:39:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	54240	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	274113	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	262654	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	114724	27.62	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	92.07%
60) 4-Bromofluorobenzene	11.12	95	135022	30.57	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.90%
63) Toluene-d8	8.70	98	335566	29.06	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.87%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	122391	46.439	ug/l 97
3) Chloromethane	1.32	50	124535	37.232	ug/l 94
4) Vinyl Chloride	1.39	62	131004	38.338	ug/l 98
5) Bromomethane	1.63	94	87840	36.061	ug/l 96
6) Chloroethane	1.71	64	85769	38.577	ug/l 99
7) Trichlorofluoromethane	1.92	101	238782	41.856	ug/l 98
8) Diethyl Ether	2.17	74	79489	38.725	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	130650	43.072	ug/l 99
10) 1,1-Dichloroethene	2.36	96	125571	42.356	ug/l 94
11) Methyl Iodide	2.49	142	159396	40.633	ug/l 97
12) Methyl Acetate	2.75	43	174952	45.786	ug/l 100
13) Acrolein	2.27	56	112887	190.959	ug/l 99
14) Acrylonitrile	3.12	53	390705	218.841	ug/l 100
15) Acetone	2.42	58	99250	216.584	ug/l 98
16) Carbon Disulfide	2.55	76	348669	37.829	ug/l 98
17) Allyl chloride	2.71	41	230406	41.855	ug/l 96
18) Methylene Chloride	2.84	84	147970	41.173	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	145064	42.509	ug/l 92
20) Diisopropyl ether	3.82	45	461598	41.401	ug/l 99
21) 1,1-Dichloroethane	3.67	63	258345	42.070	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	162198	42.914	ug/l 98
23) tert-Butyl Alcohol	3.01	59	161862	207.514	ug/l # 99
24) Methyl tert-Butyl Ether	3.17	73	476475	44.517	ug/l 100
25) Chloroform	5.18	83	276630	44.029	ug/l 93
26) Cyclohexane	5.55	56	213248	40.302	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	198092	45.783	ug/l 99
30) 2-Butanone	4.64	43	533261	236.075	ug/l 99
31) 2,2-Dichloropropane	4.55	77	242159	48.346	ug/l 98
32) 1,1,1-Trichloroethane	5.47	97	255036	48.181	ug/l 98
33) Carbon Tetrachloride	5.76	117	235135	49.757	ug/l 95
34) Benzene	6.11	78	575328	45.741	ug/l 98
35) Methacrylonitrile	5.01	41	118913	47.733	ug/l 99
36) 1,2-Dichloroethane	6.17	62	223203	46.051	ug/l 100
37) Trichloroethene	7.19	130	172090	49.337	ug/l 97
38) Methylcyclohexane	7.44	83	216738	44.325	ug/l 99
39) 1,2-Dichloropropane	7.49	63	149067	45.398	ug/l 92
40) Dibromomethane	7.63	93	106616	46.938	ug/l 99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	223925	47.585	ug/l	98
42) Vinyl Acetate	3.79	43	2049226	226.968	ug/l	100
43) Ethyl Acetate	4.79	43	212783	45.738	ug/l	99
44) Isopropyl Acetate	6.42	43	344705	44.997	ug/l	98
45) 1,4-Dioxane	7.71	88	65715	869.756	ug/l	96
46) Methyl methacrylate	7.74	41	171033	47.892	ug/l	97
47) n-amyl Acetate	10.88	43	310808	45.939	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	245483	47.079	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	259509	47.440	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	158480	49.313	ug/l	98
51) Ethyl methacrylate	9.16	69	235848	48.576	ug/l	97
52) 1,3-Dichloropropane	9.35	76	257839	47.509	ug/l	99
53) Dibromochloromethane	9.57	129	191570	51.377	ug/l	97
54) 1,2-Dibromoethane	9.65	107	169426	49.701	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	638904	249.795	ug/l	100
56) Bromoform	10.84	173	150294	55.898	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	1075164	229.075	ug/l	99
59) 2-Hexanone	9.47	43	816314	232.558	ug/l	98
61) Tetrachloroethene	9.32	164	170176	50.610	ug/l	98
62) Toluene	8.76	91	639045	45.800	ug/l	99
64) Chlorobenzene	10.12	112	425129	48.138	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	169387	50.507	ug/l	98
66) Ethyl Benzene	10.23	91	722180	46.643	ug/l	99
67) m/p-Xylenes	10.34	106	562940	95.615	ug/l	98
68) o-Xylene	10.68	106	268547	47.957	ug/l	97
69) Styrene	10.70	104	476946	49.153	ug/l	98
70) Isopropylbenzene	11.00	105	734687	47.861	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	225110	47.581	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	289660	63.693	ug/l	92
73) Bromobenzene	11.24	156	197453	50.258	ug/l	99
74) n-propylbenzene	11.34	91	852072	47.048	ug/l	99
75) 2-Chlorotoluene	11.40	91	510627	47.769	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	630171	48.728	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	85942	46.969	ug/l	96
78) 4-Chlorotoluene	11.49	91	609210	48.227	ug/l	100
79) tert-butylbenzene	11.76	119	621663	50.269	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	643673	49.609	ug/l	99
81) sec-Butylbenzene	11.93	105	703559	47.259	ug/l	100
82) p-Isopropyltoluene	12.05	119	674823	49.834	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	359929	50.994	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	368305	51.952	ug/l	99
85) n-Butylbenzene	12.37	91	572395	46.332	ug/l	100
86) Hexachloroethane	12.58	117	128869	48.925	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	346309	52.293	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	54815	50.602	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	230030	51.372	ug/l	100
90) Hexachlorobutadiene	13.76	225	93562	53.884	ug/l	98
91) Naphthalene	13.82	128	743354	51.540	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	233627	53.165	ug/l	99

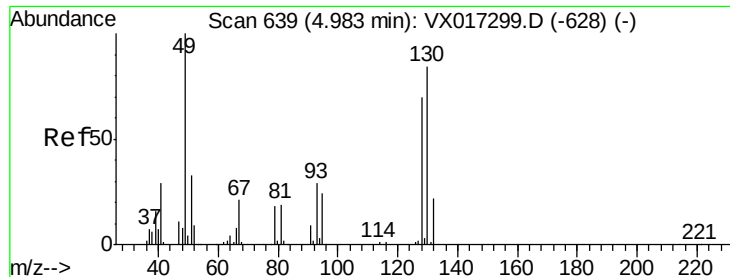
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070920\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

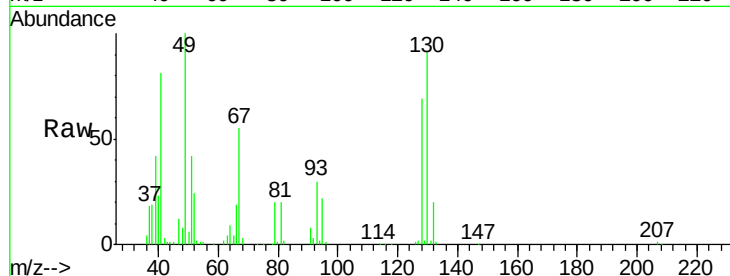
Tgt Ion:128 Resp: 54240

Ion Ratio Lower Upper

128 100

49 146.4 0.0 358.8

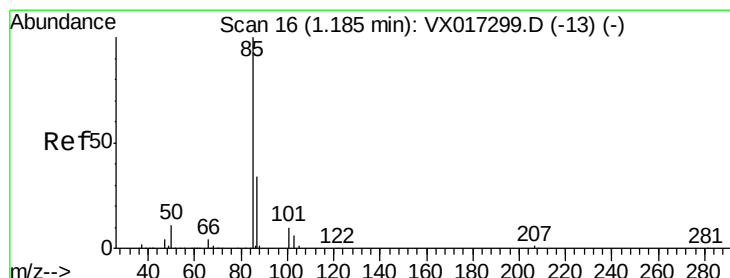
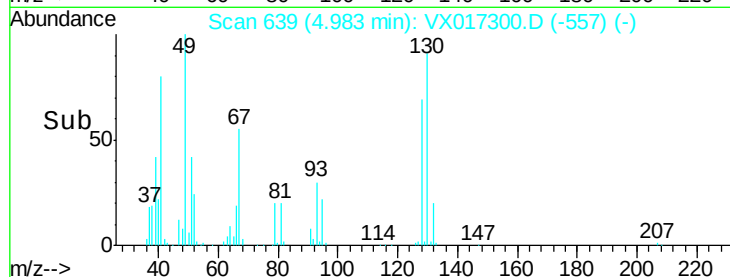
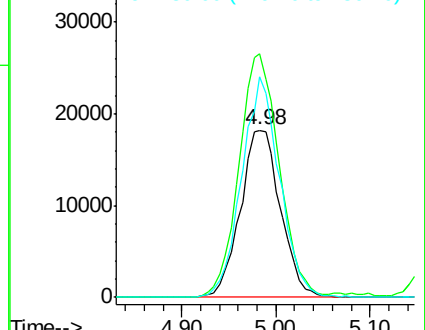
130 124.8 0.0 323.8



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: 46.439 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017300.D

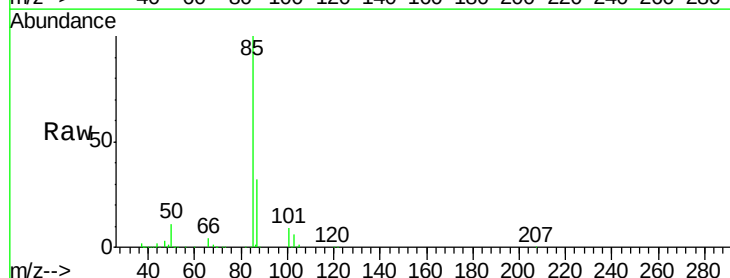
Acq: 09 Jul 2020 11:15

Tgt Ion: 85 Resp: 122391

Ion Ratio Lower Upper

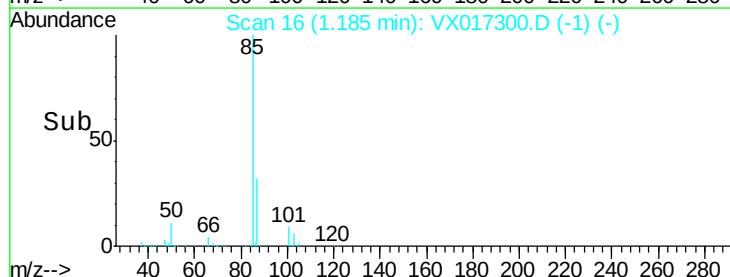
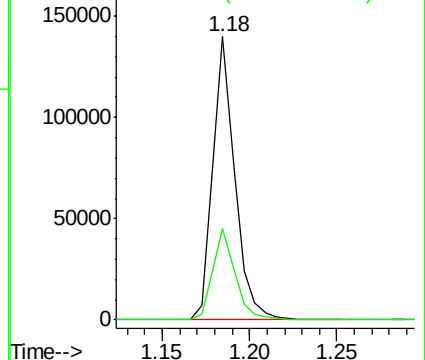
85 100

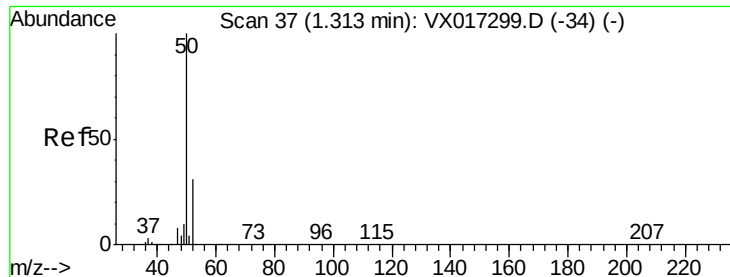
87 32.2 16.9 50.6



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 37.232 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

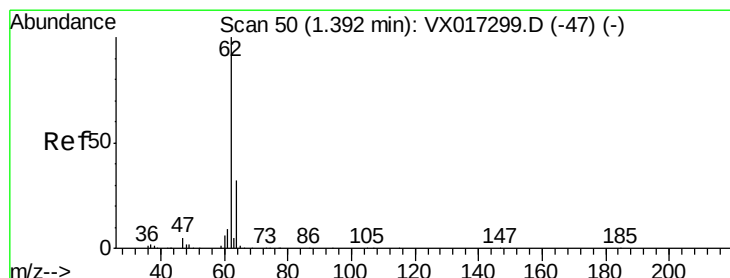
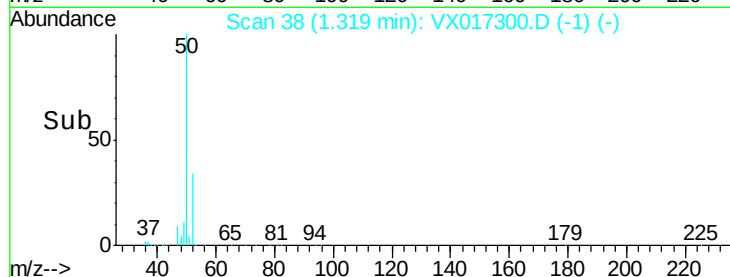
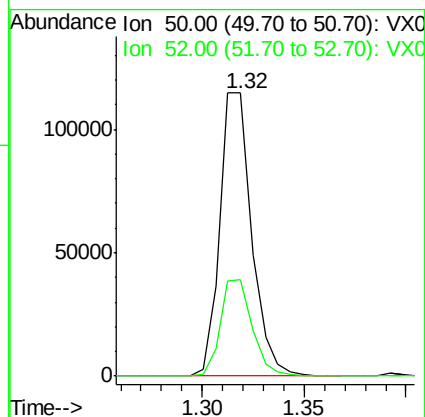
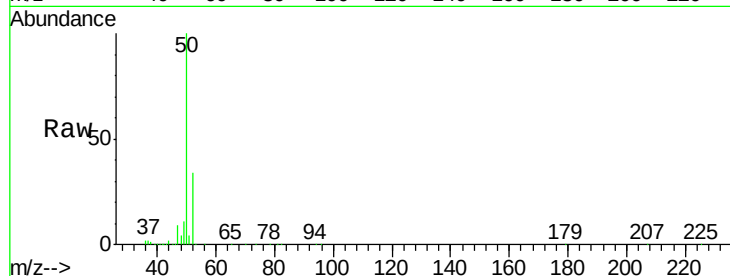
VSTDIC050

Tgt Ion: 50 Resp: 124535

Ion Ratio Lower Upper

50 100

52 34.1 24.8 37.2



#4

Vinyl Chloride

Concen: 38.338 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017300.D

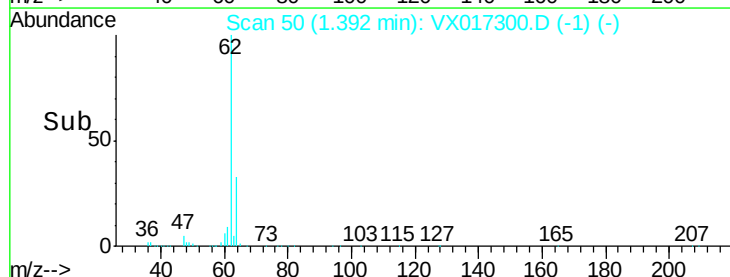
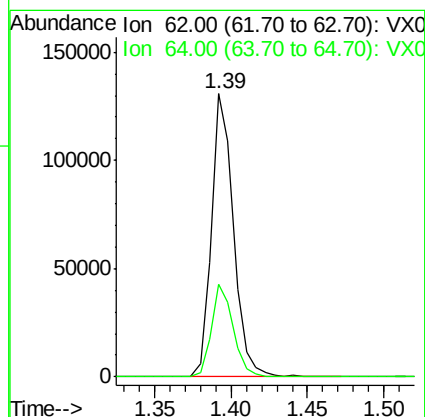
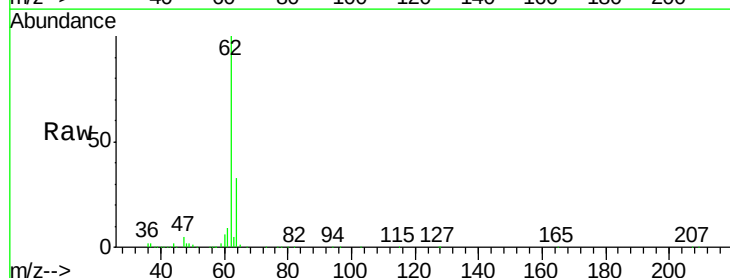
Acq: 09 Jul 2020 11:15

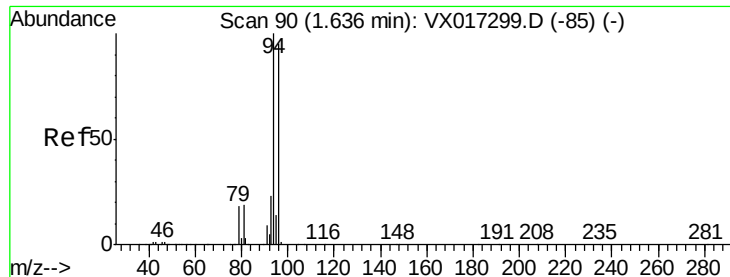
Tgt Ion: 62 Resp: 131004

Ion Ratio Lower Upper

62 100

64 32.8 25.3 37.9





#5

Bromomethane

Concen: 36.061 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

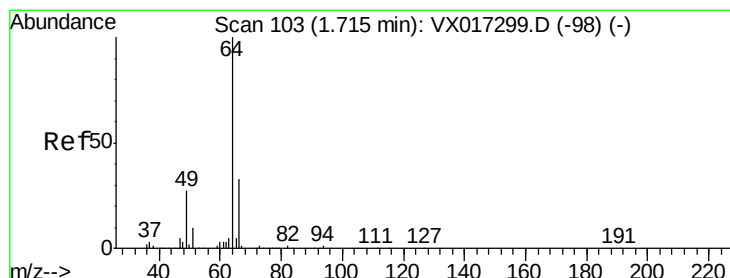
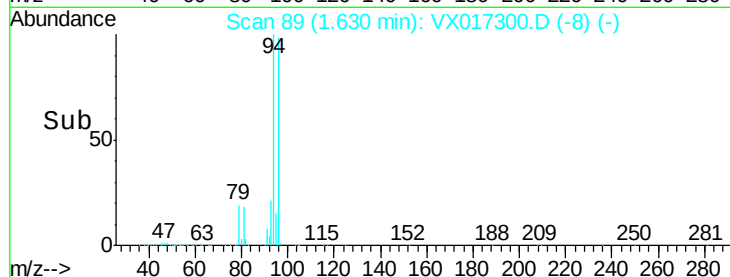
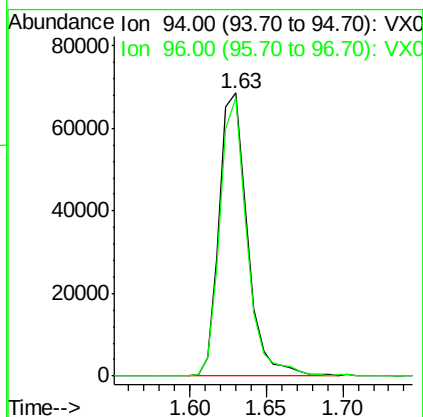
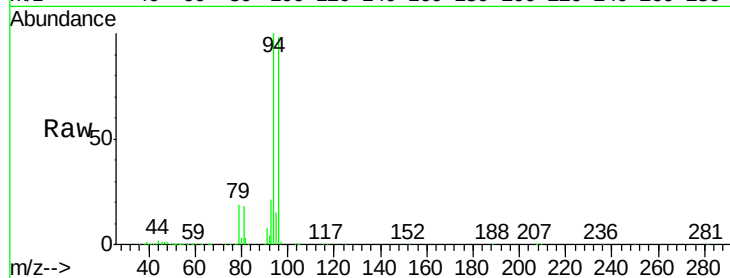
VSTDIC050

Tgt Ion: 94 Resp: 87840

Ion Ratio Lower Upper

94 100

96 98.5 75.7 113.5



#6

Chloroethane

Concen: 38.577 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX017300.D

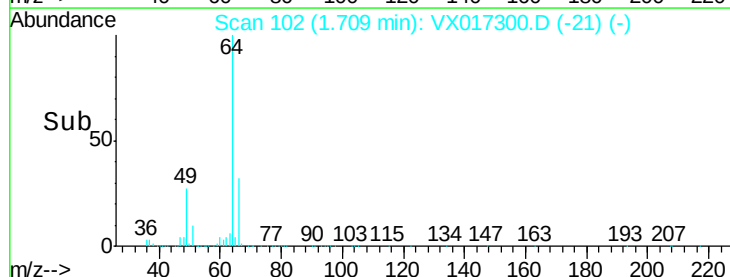
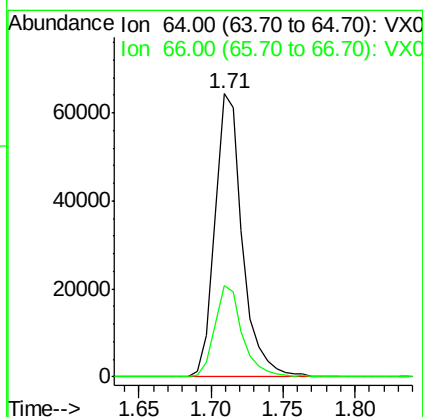
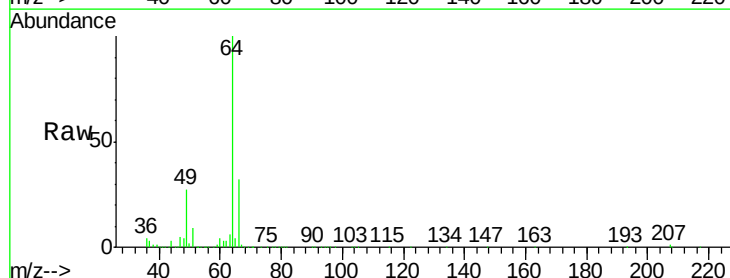
Acq: 09 Jul 2020 11:15

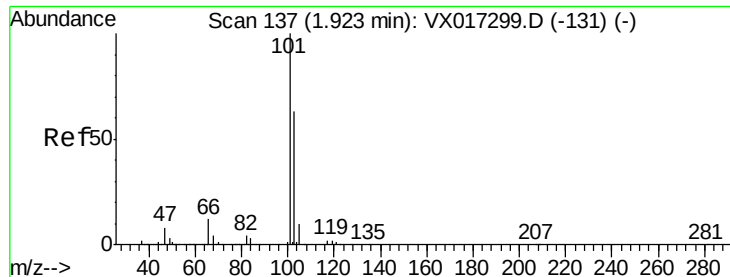
Tgt Ion: 64 Resp: 85769

Ion Ratio Lower Upper

64 100

66 32.1 26.1 39.1



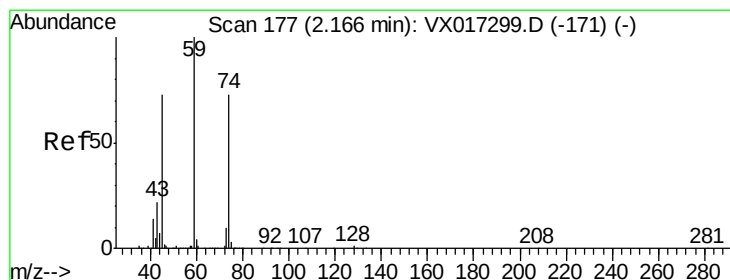
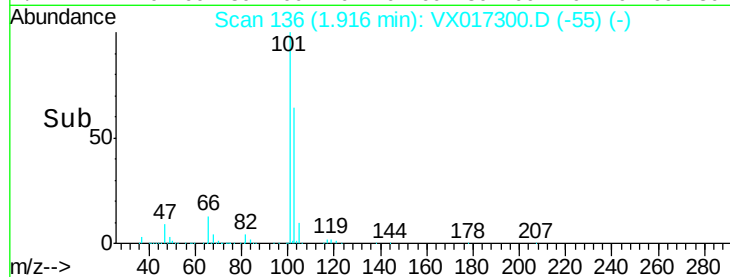
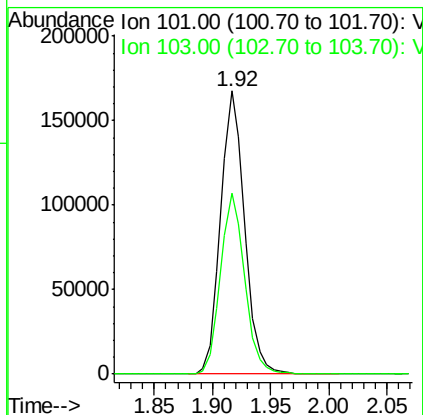
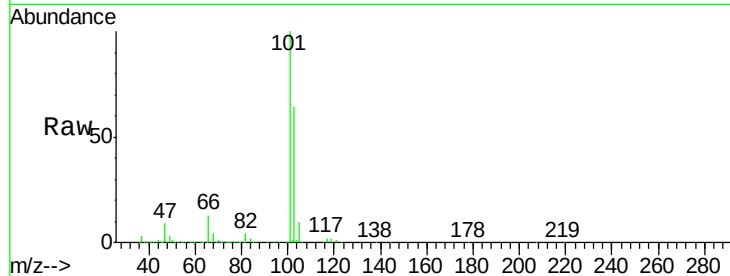


#7

Trichlorofluoromethane
Concen: 41.856 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

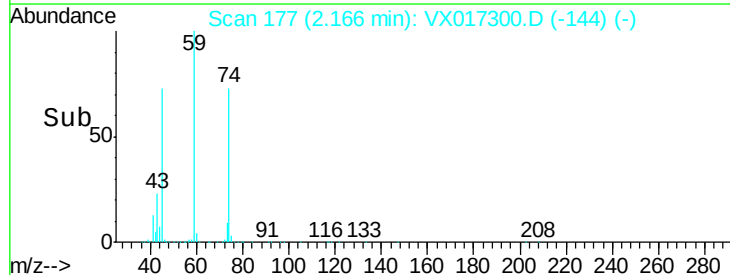
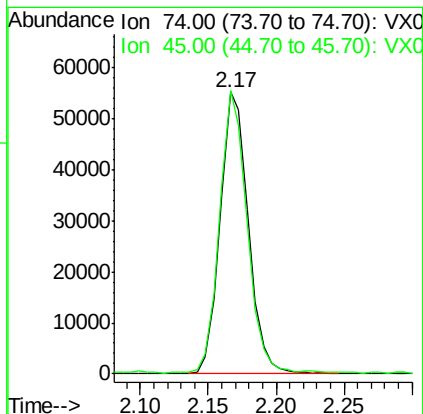
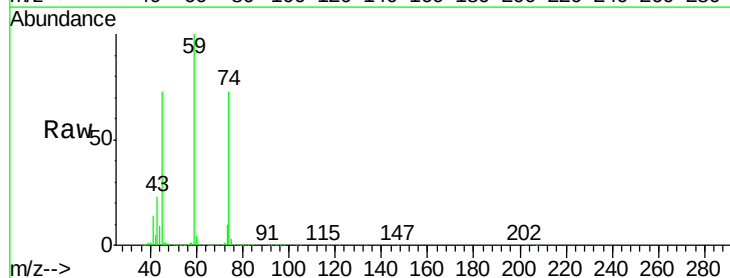
Tgt Ion: 101 Resp: 238782
Ion Ratio Lower Upper
101 100
103 63.9 50.1 75.1

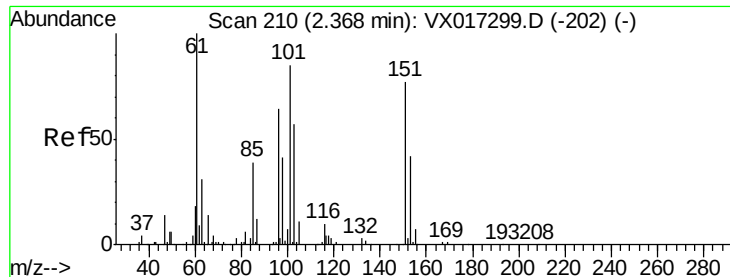


#8

Diethyl Ether
Concen: 38.725 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

Tgt Ion: 74 Resp: 79489
Ion Ratio Lower Upper
74 100
45 97.1 18.9 170.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.072 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

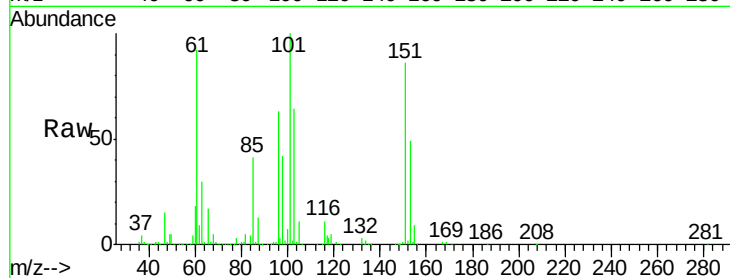
Tgt Ion: 101 Resp: 130650

Ion Ratio Lower Upper

101 100

85 43.7 0.0 87.8

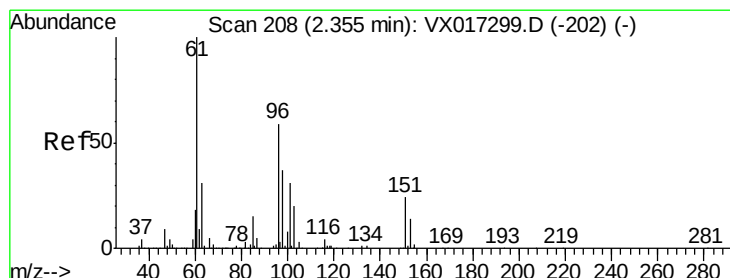
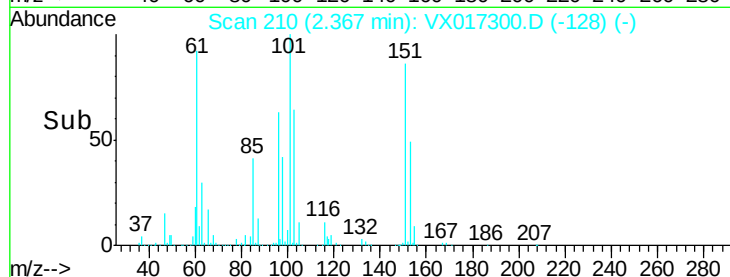
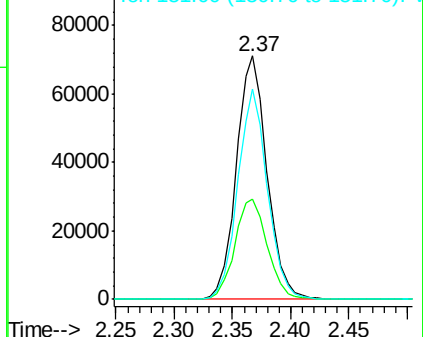
151 83.8 0.0 170.2



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: 42.356 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

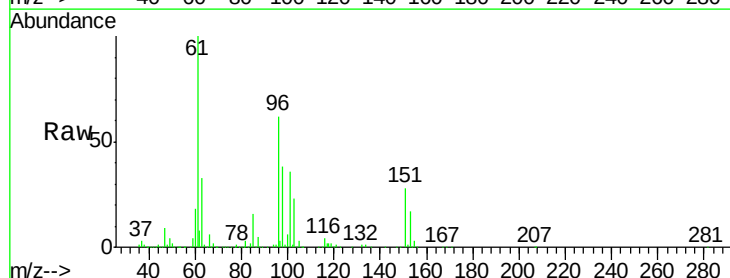
Tgt Ion: 96 Resp: 125571

Ion Ratio Lower Upper

96 100

61 161.9 137.0 205.4

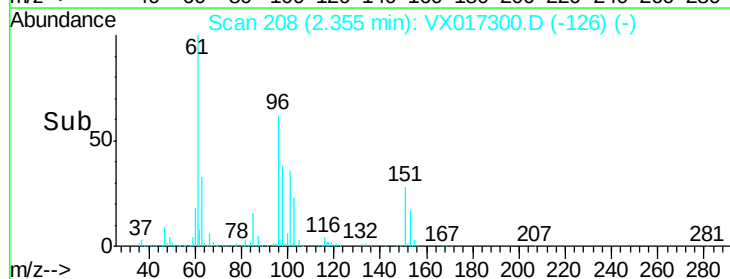
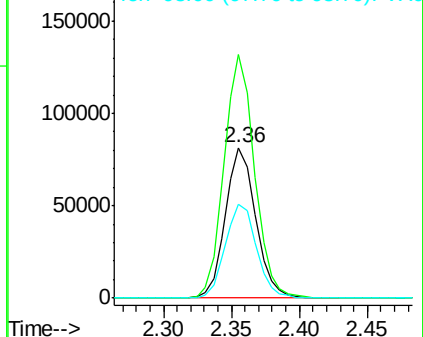
98 62.1 51.1 76.7

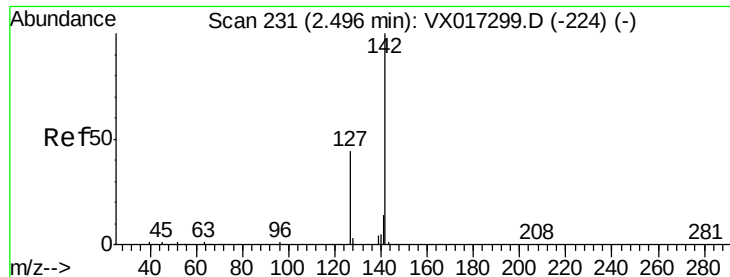


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

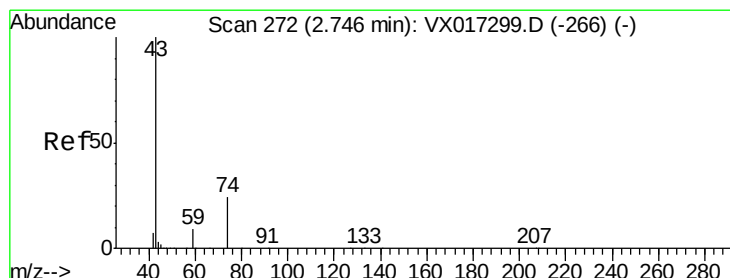
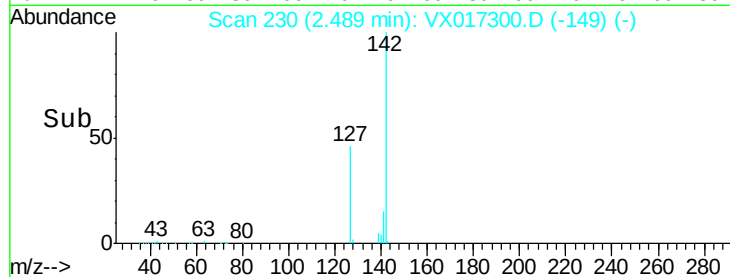
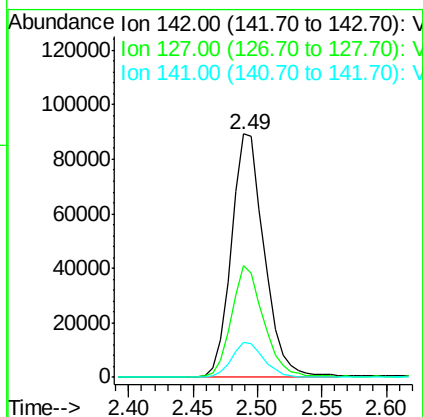
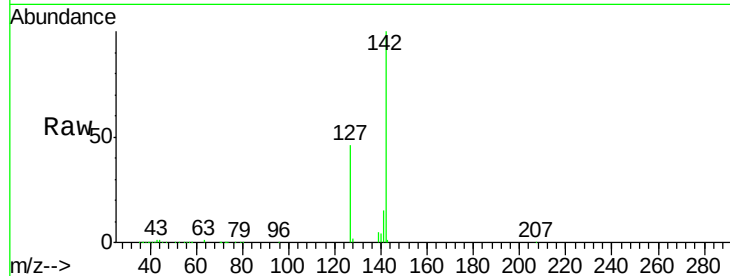




#11
Methyl Iodide
Concen: 40.633 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

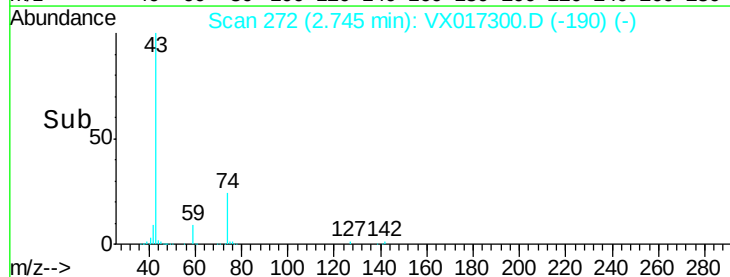
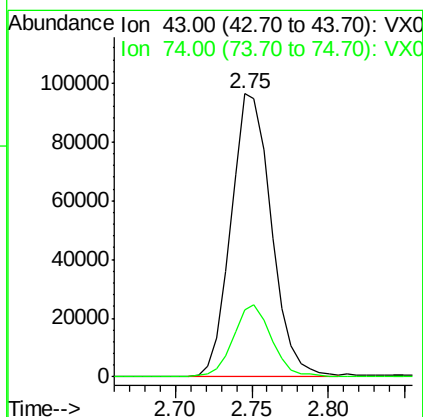
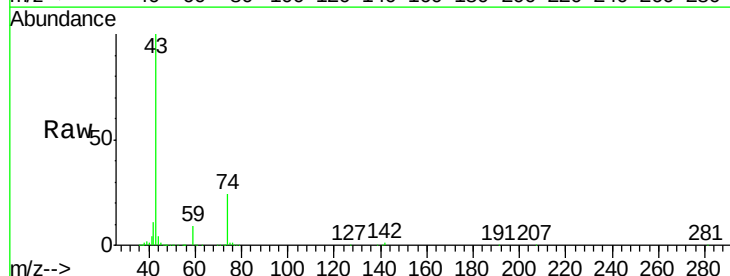
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

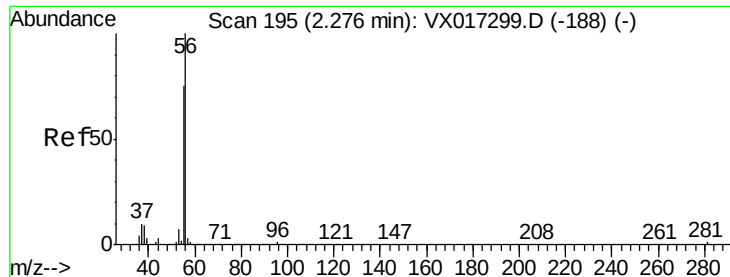
Tgt Ion: 142 Resp: 159396
Ion Ratio Lower Upper
142 100
127 46.1 21.9 65.7
141 14.6 7.0 21.1



#12
Methyl Acetate
Concen: 45.786 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

Tgt Ion: 43 Resp: 174952
Ion Ratio Lower Upper
43 100
74 23.4 18.8 28.2





#13

Acrolein

Concen: 190.959 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

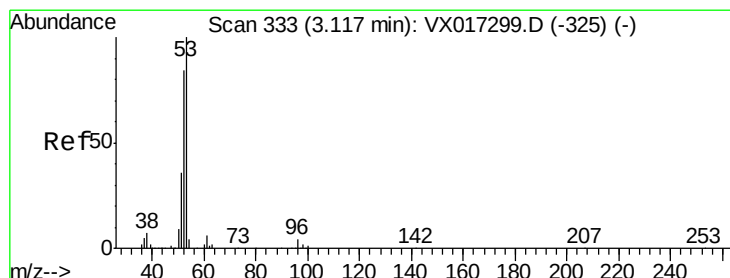
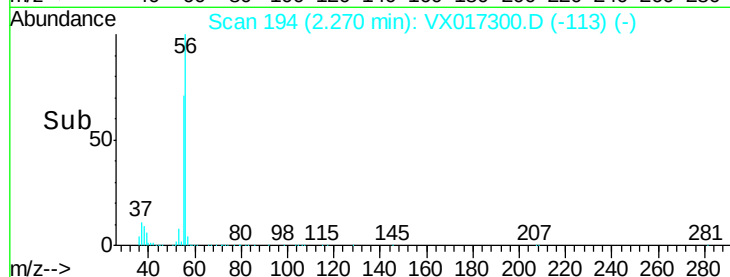
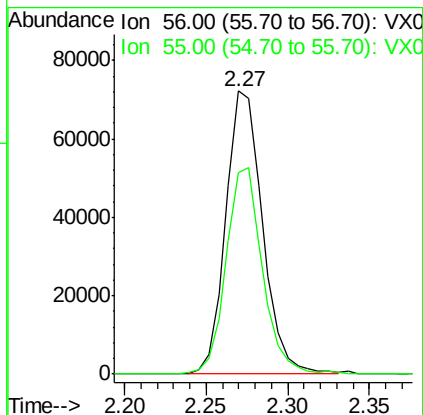
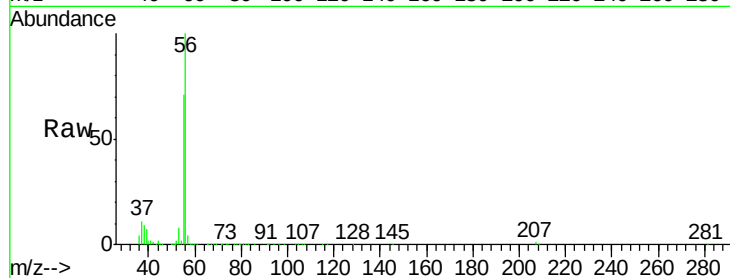
VSTDIC050

Tgt Ion: 56 Resp: 112887

Ion Ratio Lower Upper

56 100

55 72.2 58.5 87.7



#14

Acrylonitrile

Concen: 218.841 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

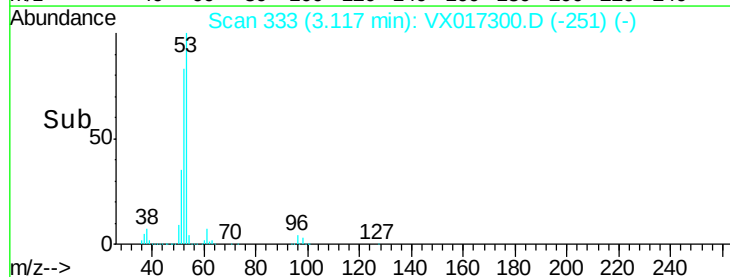
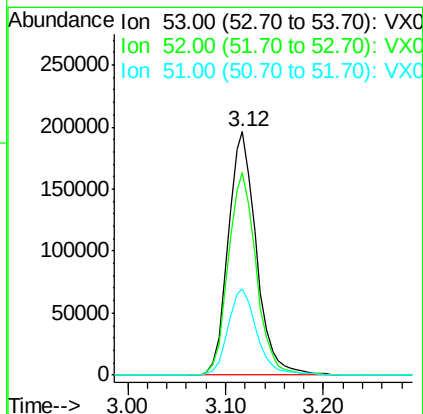
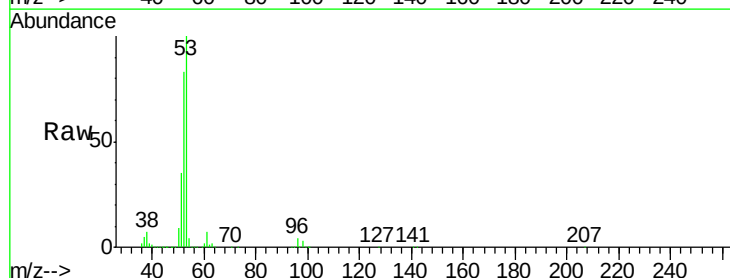
Tgt Ion: 53 Resp: 390705

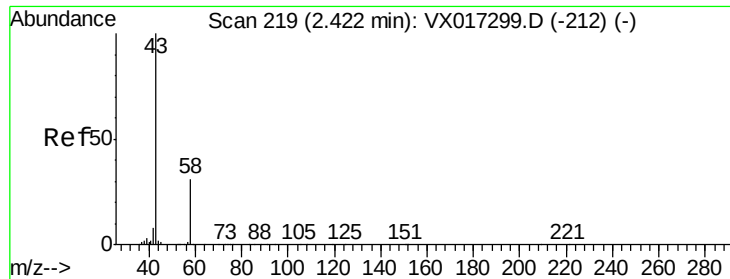
Ion Ratio Lower Upper

53 100

52 82.4 41.3 123.9

51 36.0 18.1 54.1





#15

Acetone

Concen: 216.584 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

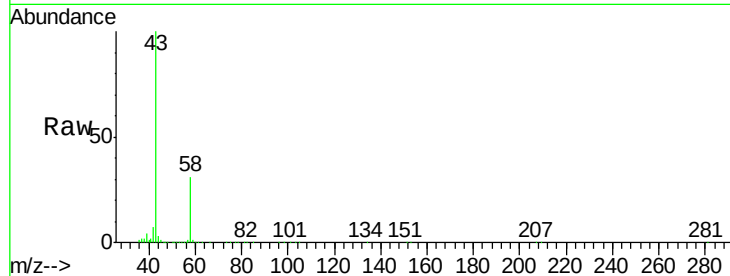
VSTDIC050

Tgt Ion: 58 Resp: 99250

Ion Ratio Lower Upper

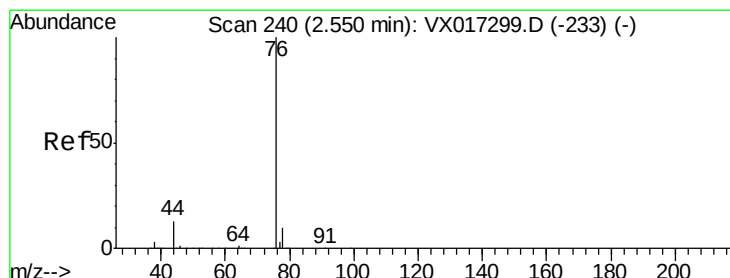
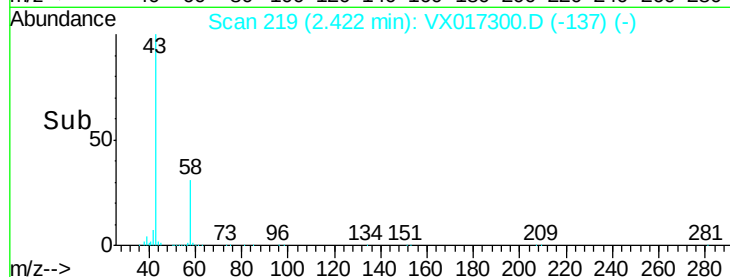
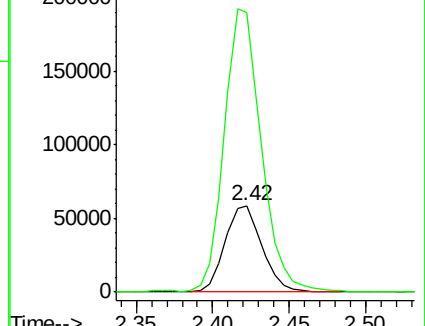
58 100

43 322.0 255.0 382.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 37.829 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017300.D

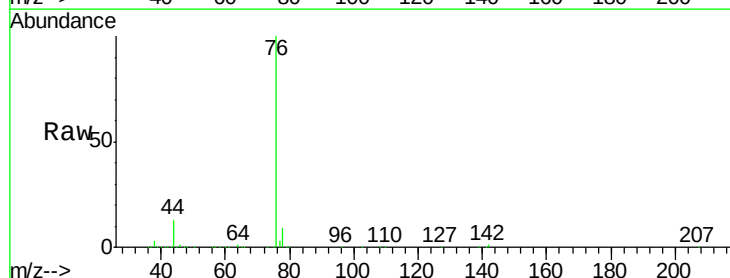
Acq: 09 Jul 2020 11:15

Tgt Ion: 76 Resp: 348669

Ion Ratio Lower Upper

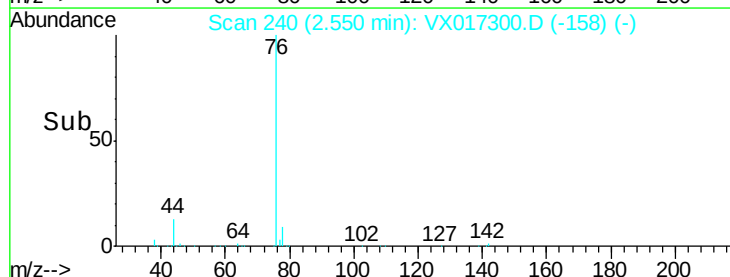
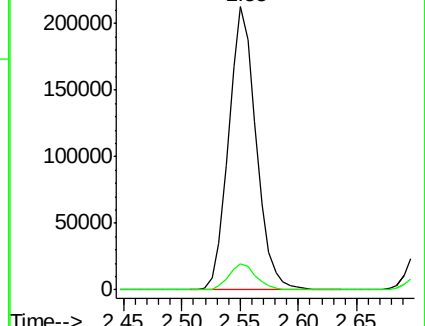
76 100

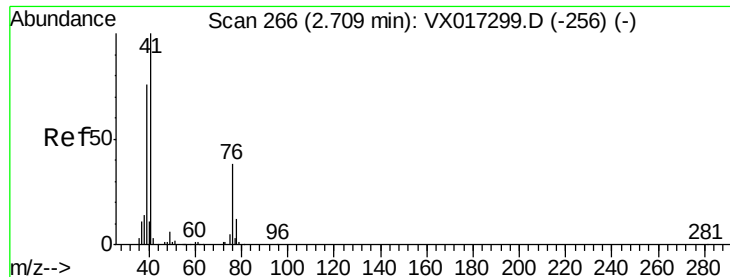
78 9.2 7.9 11.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

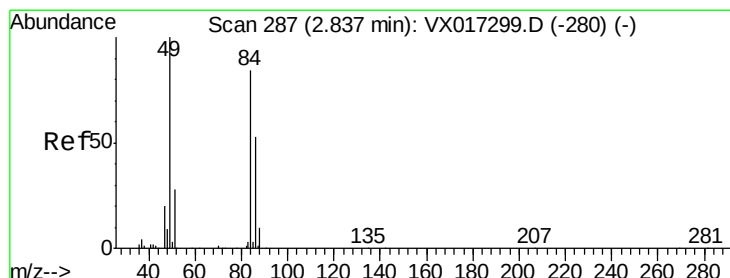
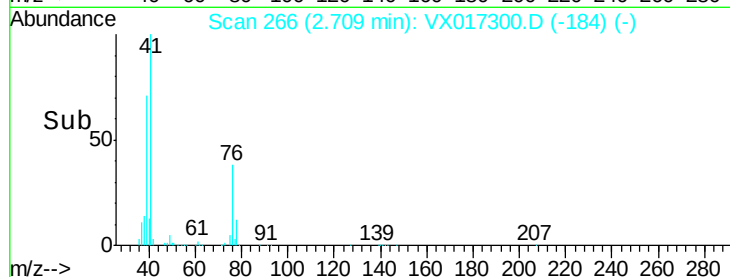
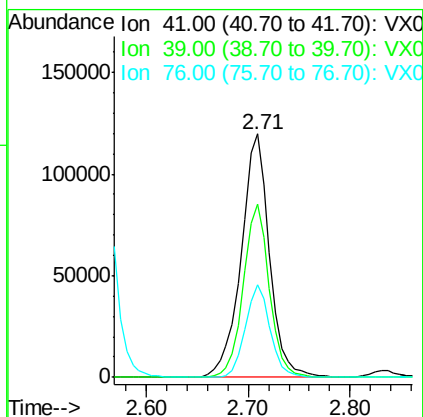
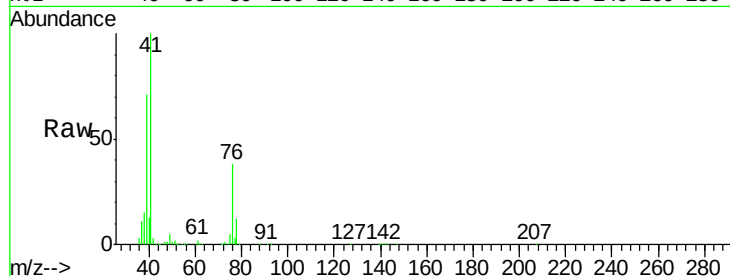




#17
 Allyl chloride
 Concen: 41.855 ug/l
 RT: 2.71 min Scan# 266
 Delta R.T. -0.00 min
 Lab File: VX017300.D
 Acq: 09 Jul 2020 11:15

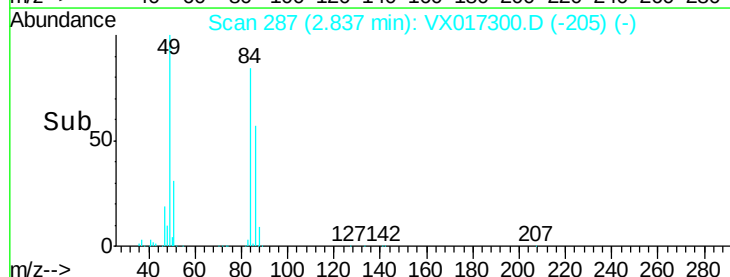
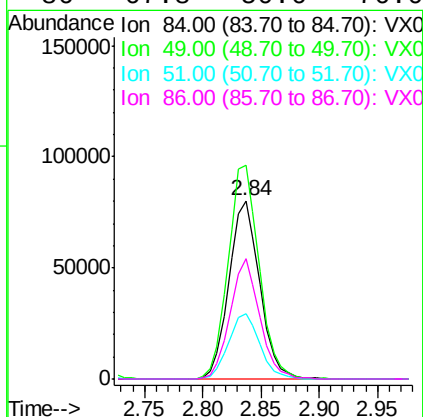
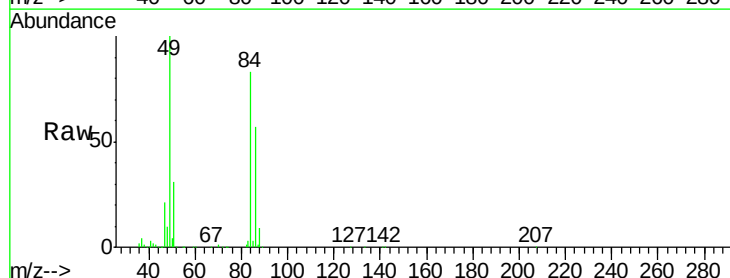
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

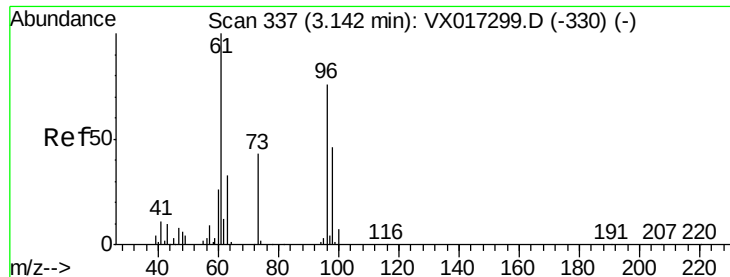
Tgt Ion: 41 Resp: 230406
 Ion Ratio Lower Upper
 41 100
 39 70.8 38.1 114.5
 76 37.8 18.8 56.4



#18
 Methylene Chloride
 Concen: 41.173 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX017300.D
 Acq: 09 Jul 2020 11:15

Tgt Ion: 84 Resp: 147970
 Ion Ratio Lower Upper
 84 100
 49 119.8 95.7 143.5
 51 36.6 27.2 40.8
 86 67.8 50.6 76.0





#19

trans-1,2-Dichloroethene

Concen: 42.509 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampled :

VSTDIC050

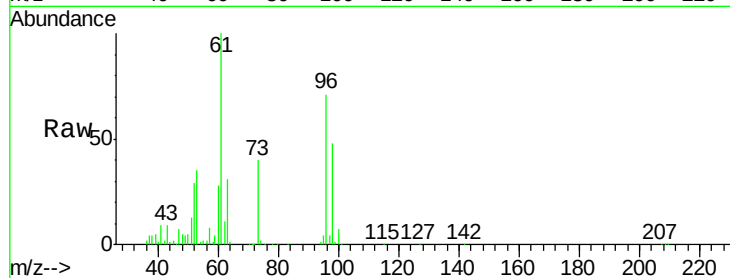
Tgt Ion: 96 Resp: 145064

Ion Ratio Lower Upper

96 100

61 140.2 105.0 157.6

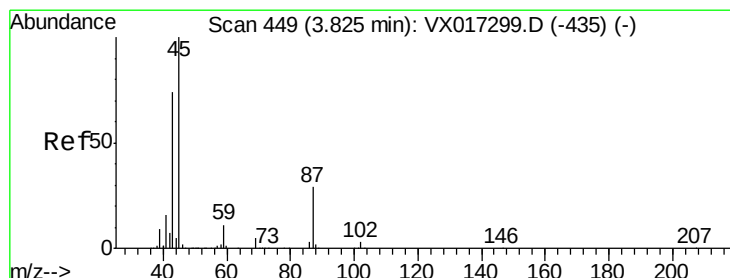
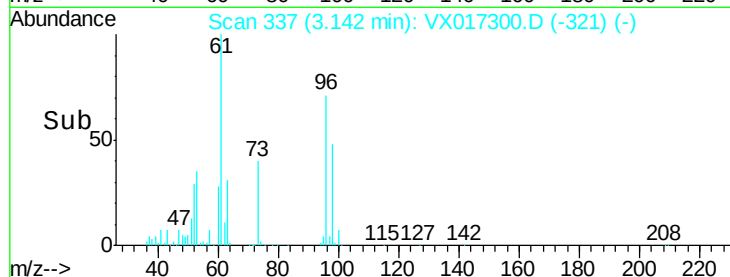
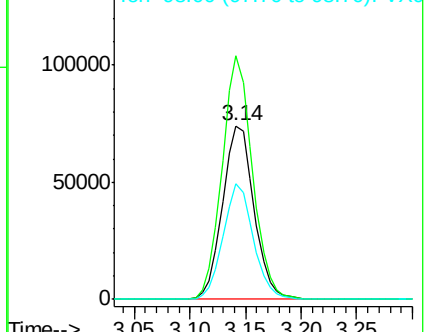
98 66.8 48.6 73.0



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



#20

Diisopropyl ether

Concen: 41.401 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Tgt Ion: 45 Resp: 461598

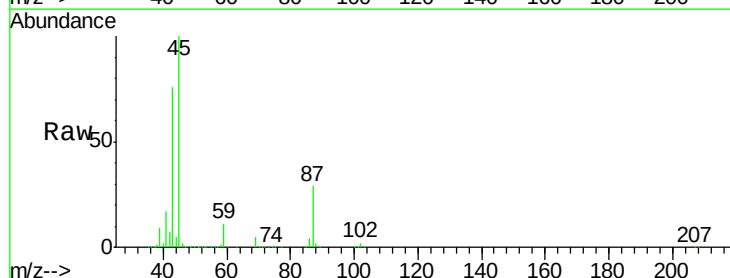
Ion Ratio Lower Upper

45 100

43 75.9 59.5 89.3

87 29.2 23.2 34.8

59 11.0 8.5 12.7

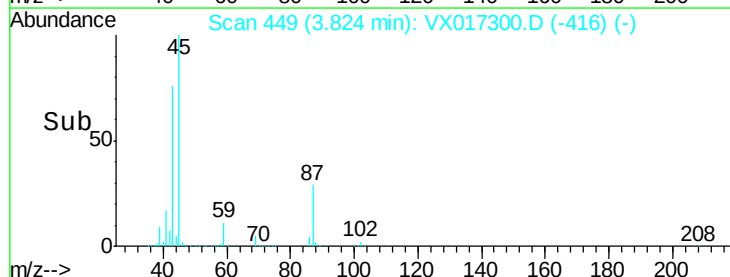
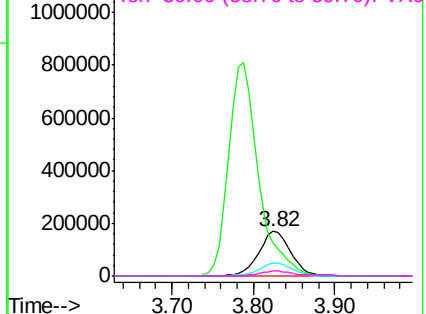


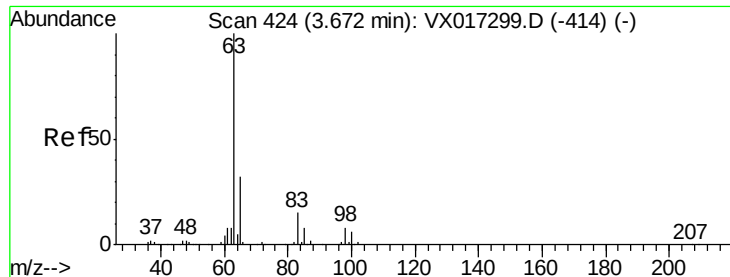
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 42.070 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

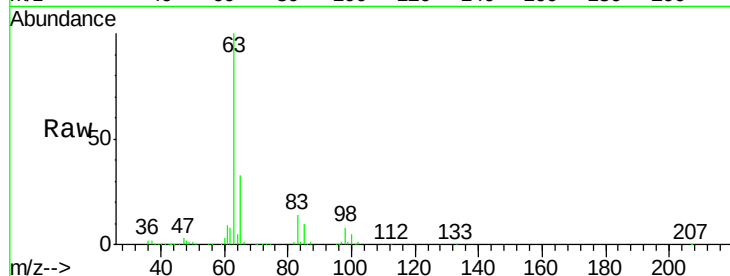
Tgt Ion: 63 Resp: 258345

Ion Ratio Lower Upper

63 100

98 7.9 4.2 12.4

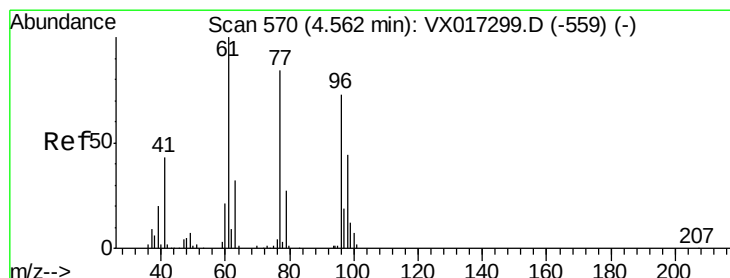
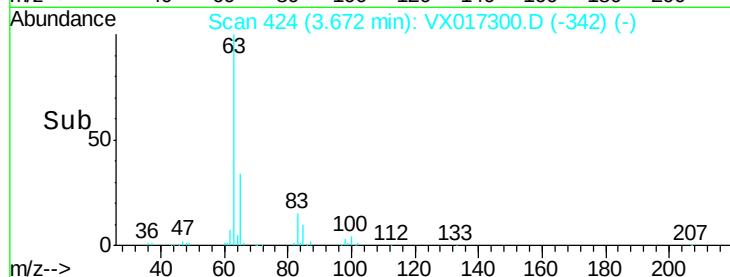
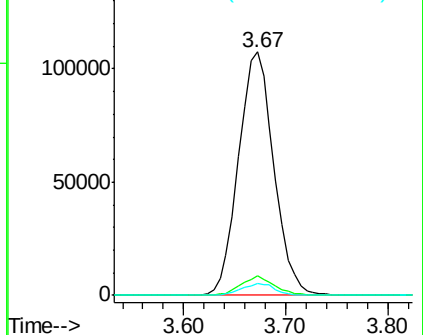
100 4.8 2.8 8.3



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 42.914 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

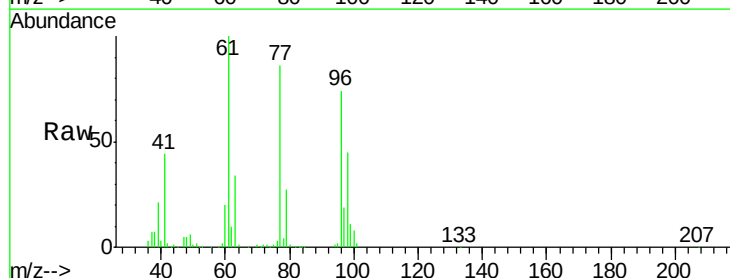
Tgt Ion: 96 Resp: 162198

Ion Ratio Lower Upper

96 100

61 143.4 111.7 167.5

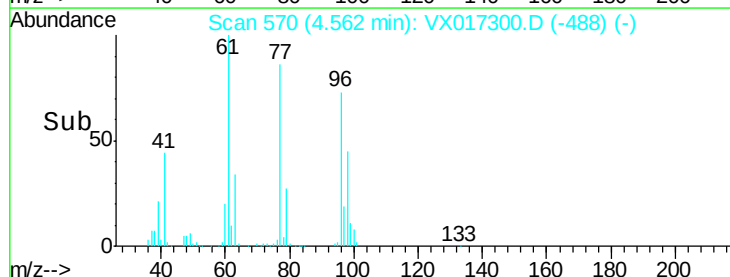
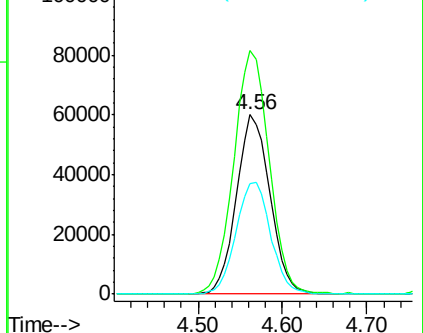
98 64.3 50.9 76.3

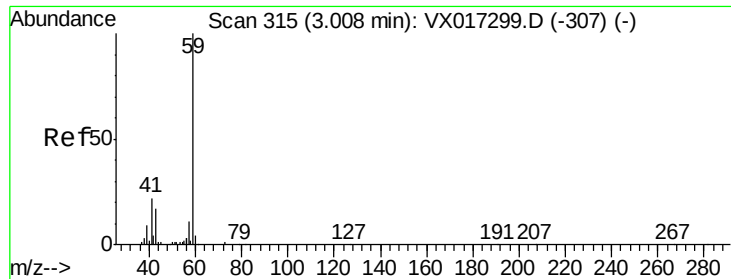


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

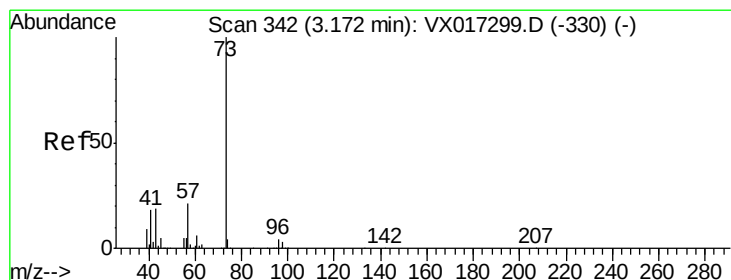
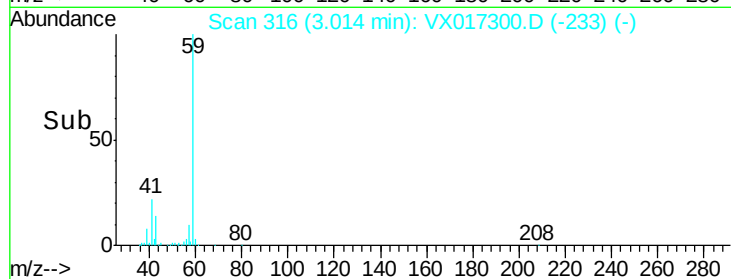
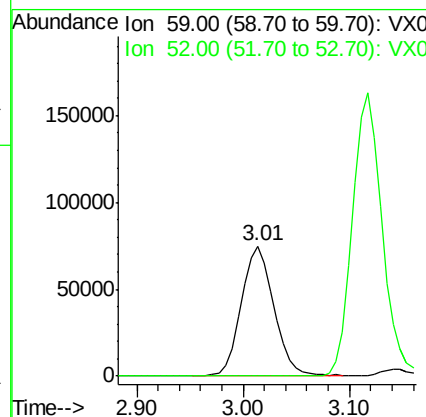
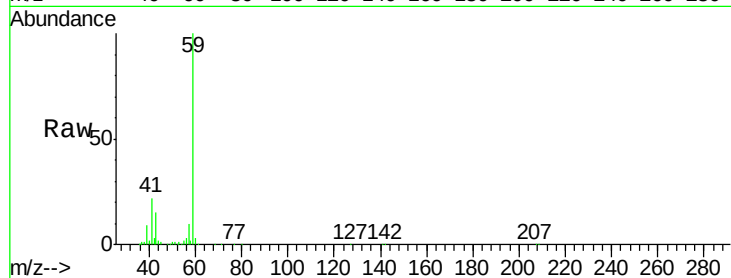




#23
tert-Butyl Alcohol
Concen: 207.514 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

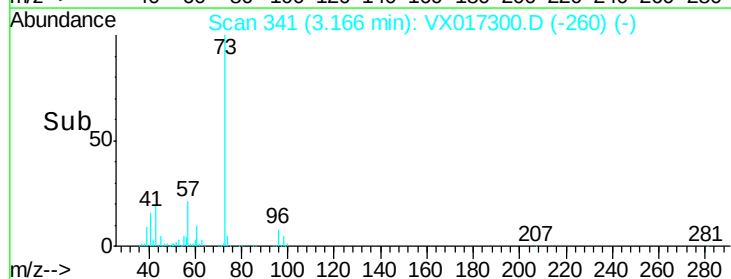
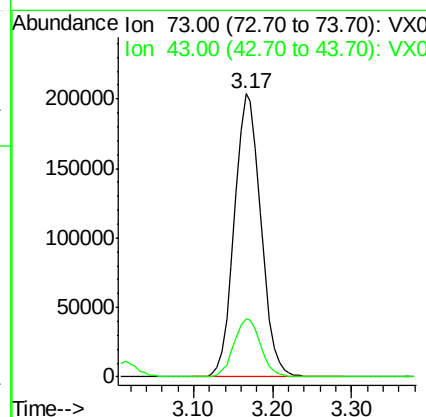
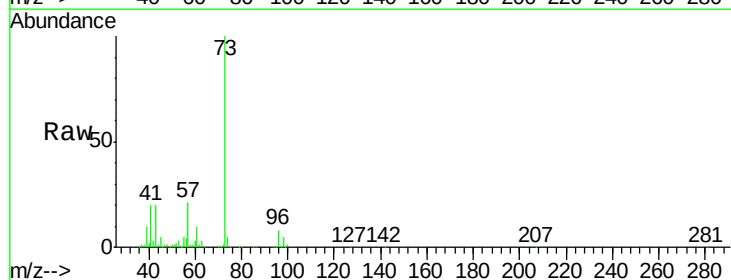
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

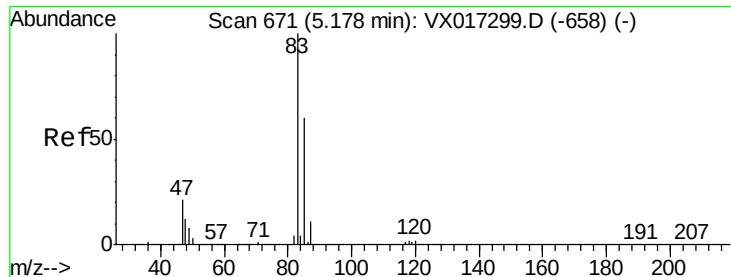
Tgt Ion: 59 Resp: 161862
Ion Ratio Lower Upper
59 100
52 0.2 0.4 0.6#



#24
Methyl tert-Butyl Ether
Concen: 44.517 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

Tgt Ion: 73 Resp: 476475
Ion Ratio Lower Upper
73 100
43 20.6 16.3 24.5

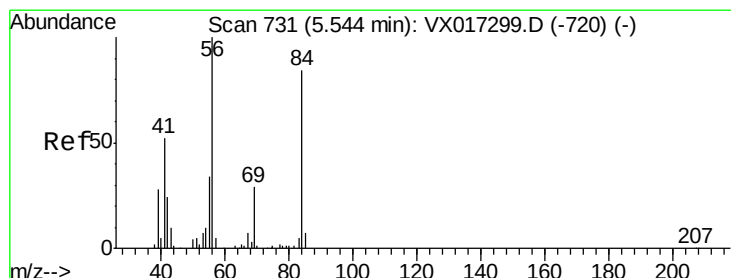
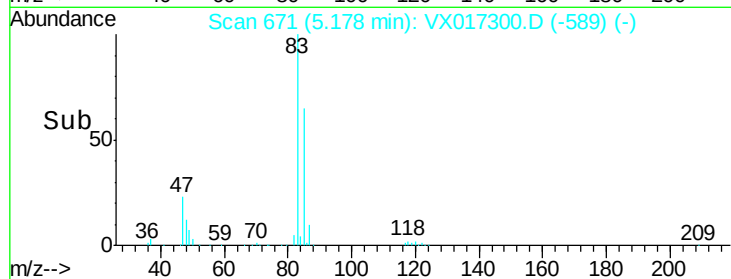
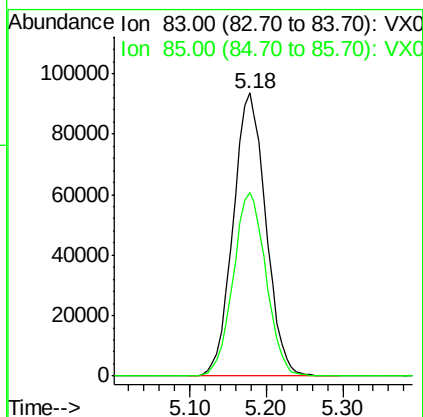
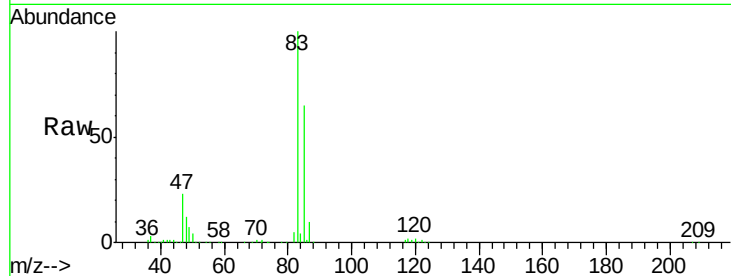




#25
Chloroform
Concen: 44.029 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

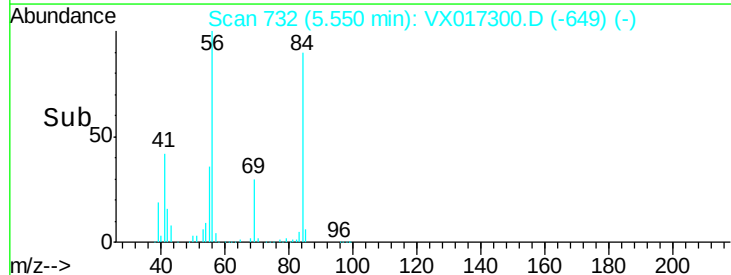
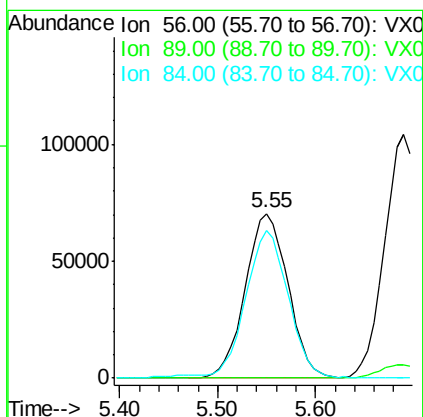
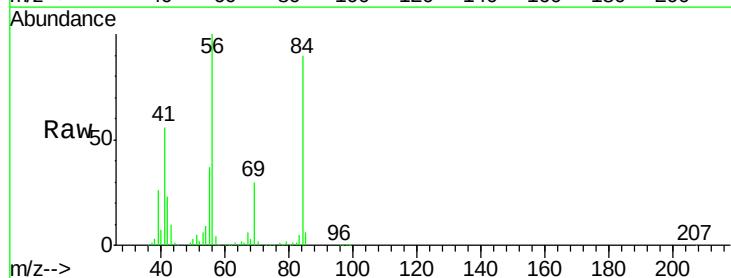
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

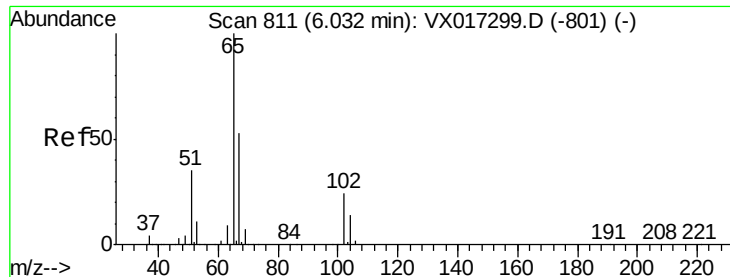
Tgt Ion: 83 Resp: 276630
Ion Ratio Lower Upper
83 100
85 64.8 47.8 71.8



#26
Cyclohexane
Concen: 40.302 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

Tgt Ion: 56 Resp: 213248
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.4 71.5 107.3

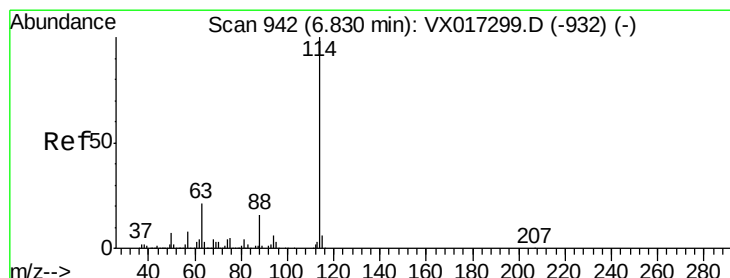
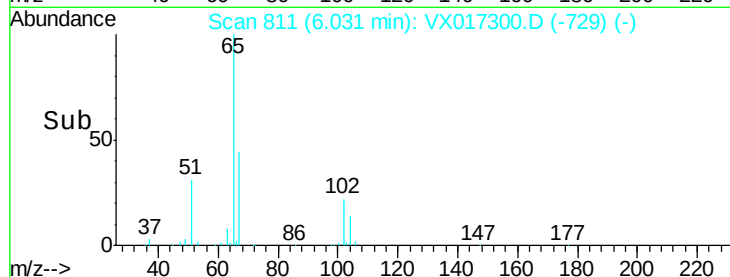
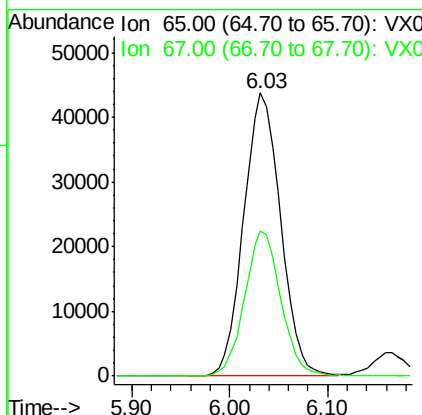
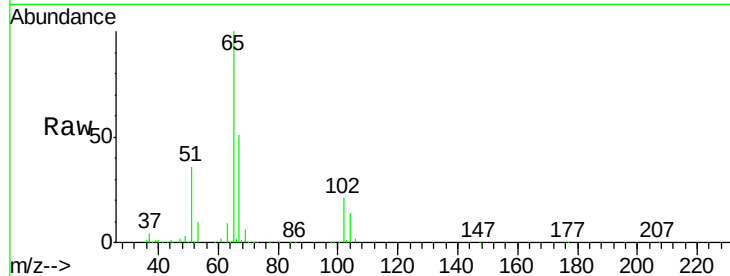




#27
 1,2-Dichloroethane-d4
 Concen: 27.617 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017300.D
 Acq: 09 Jul 2020 11:15

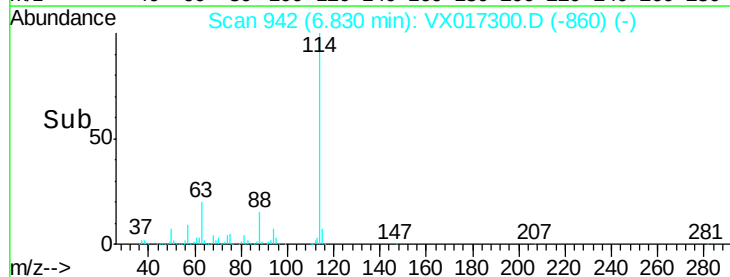
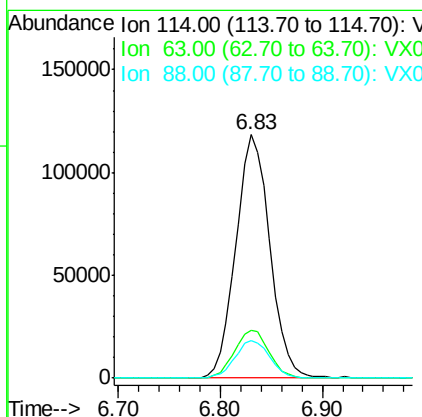
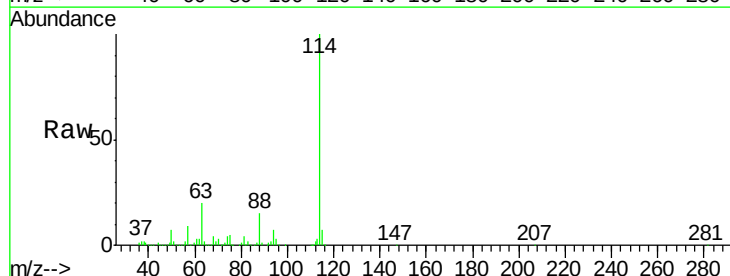
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

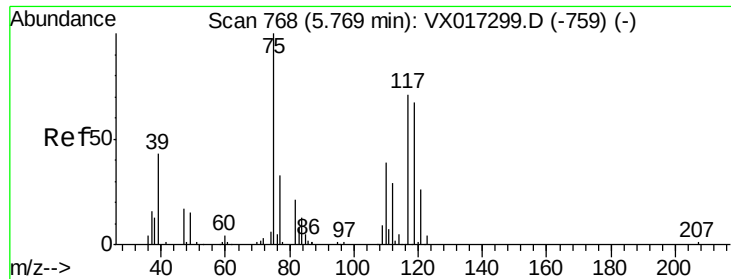
Tgt Ion: 65 Resp: 114724
 Ion Ratio Lower Upper
 65 100
 67 50.2 41.0 61.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017300.D
 Acq: 09 Jul 2020 11:15

Tgt Ion: 114 Resp: 274113
 Ion Ratio Lower Upper
 114 100
 63 19.9 15.9 23.9
 88 15.9 12.4 18.6

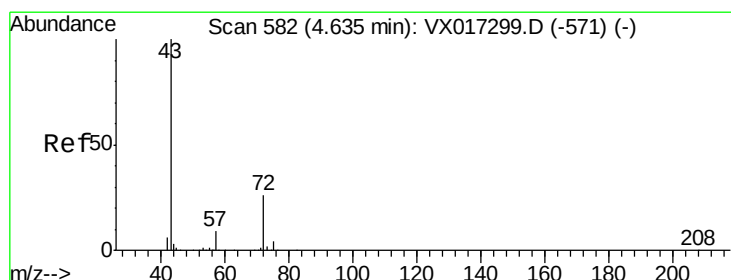
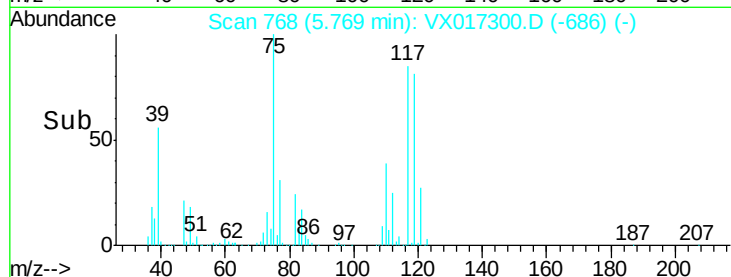
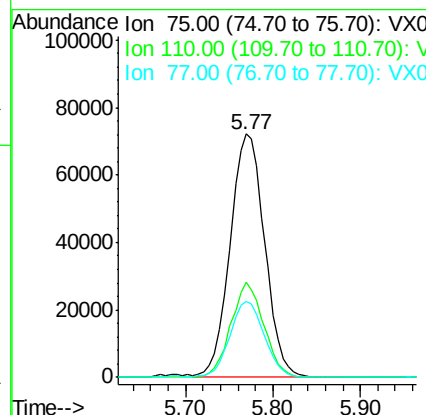
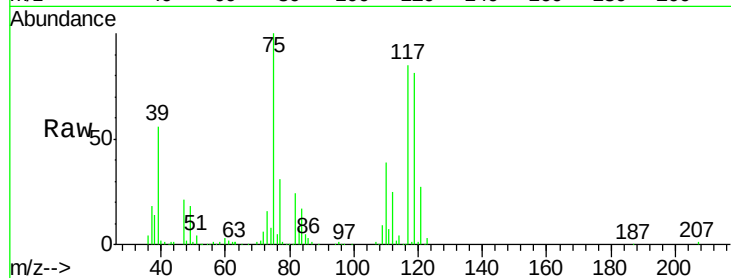




#29
 1,1-Dichloropropene
 Concen: 45.783 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017300.D
 Acq: 09 Jul 2020 11:15

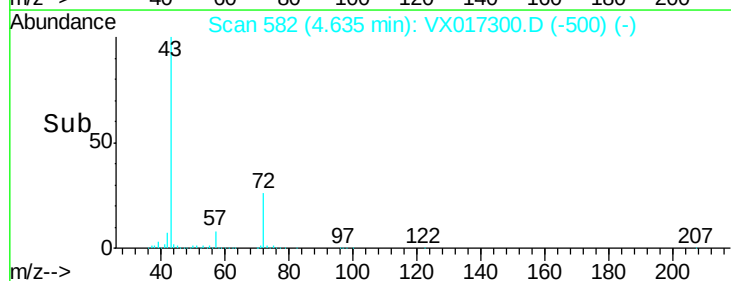
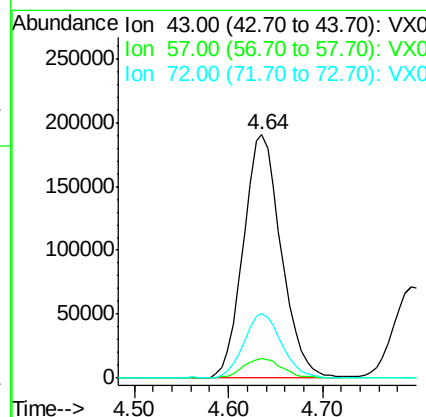
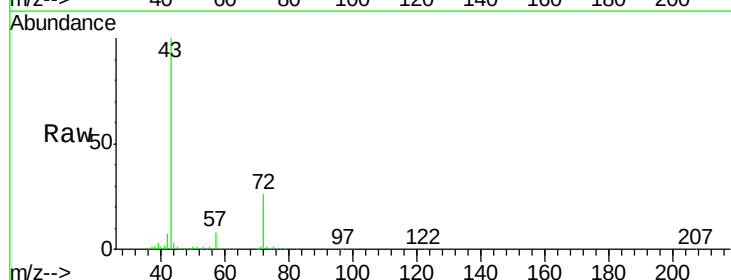
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

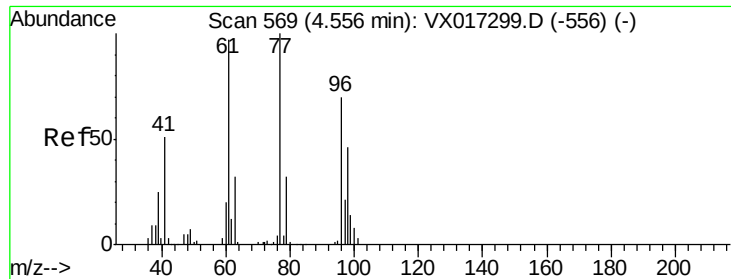
Tgt Ion: 75 Resp: 198092
 Ion Ratio Lower Upper
 75 100
 110 37.1 0.0 75.8
 77 31.2 0.0 63.4



#30
 2-Butanone
 Concen: 236.075 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX017300.D
 Acq: 09 Jul 2020 11:15

Tgt Ion: 43 Resp: 533261
 Ion Ratio Lower Upper
 43 100
 57 8.1 6.8 10.2
 72 26.1 21.0 31.6





#31

2,2-Dichloropropane

Concen: 48.346 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

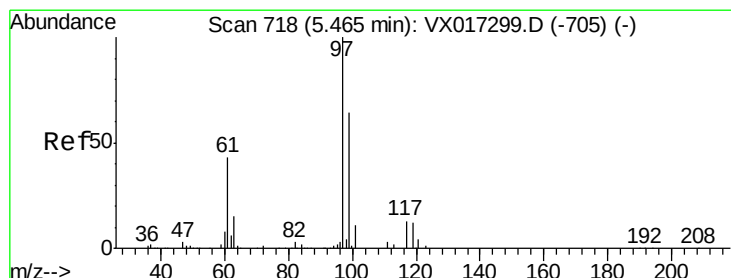
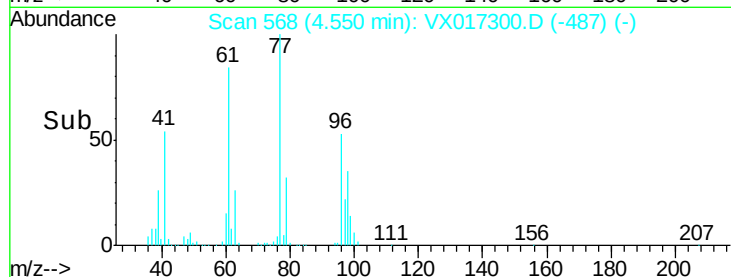
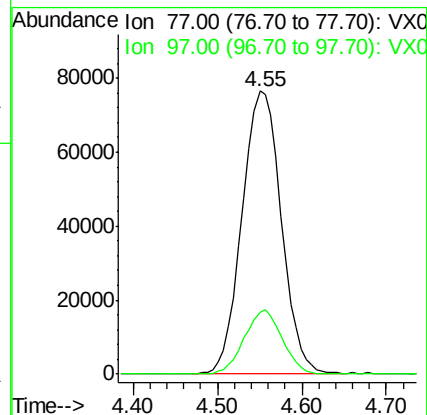
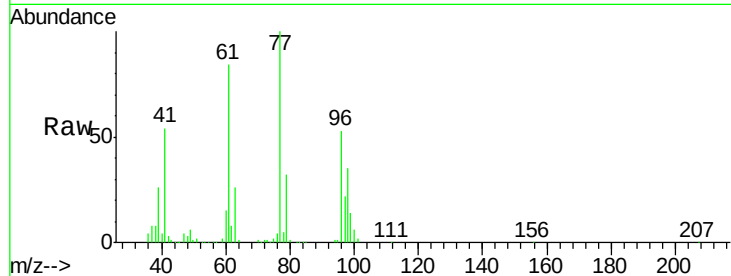
VSTDIC050

Tgt Ion: 77 Resp: 242159

Ion Ratio Lower Upper

77 100

97 21.8 18.2 27.2



#32

1,1,1-Trichloroethane

Concen: 48.181 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

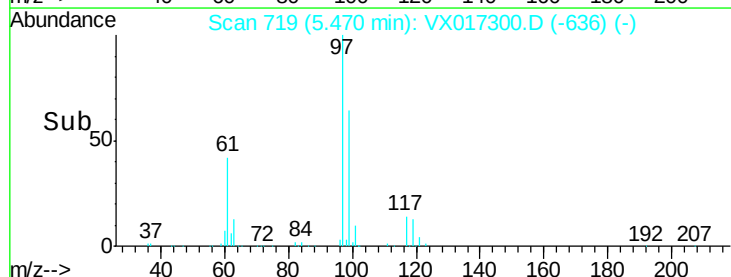
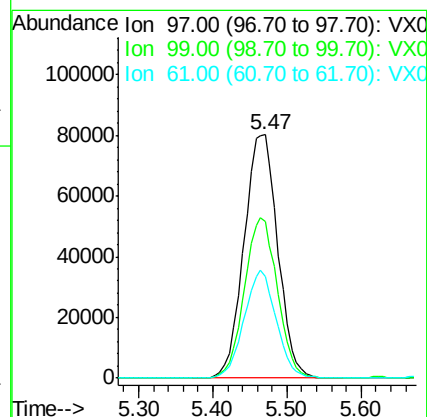
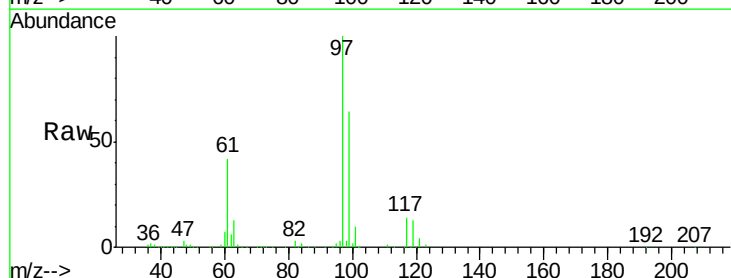
Tgt Ion: 97 Resp: 255036

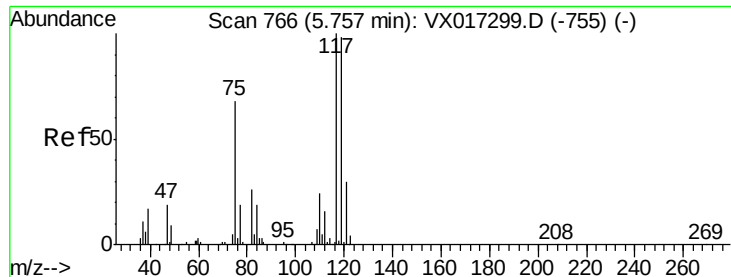
Ion Ratio Lower Upper

97 100

99 64.5 53.2 79.8

61 42.0 34.0 51.0





#33

Carbon Tetrachloride

Concen: 49.757 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

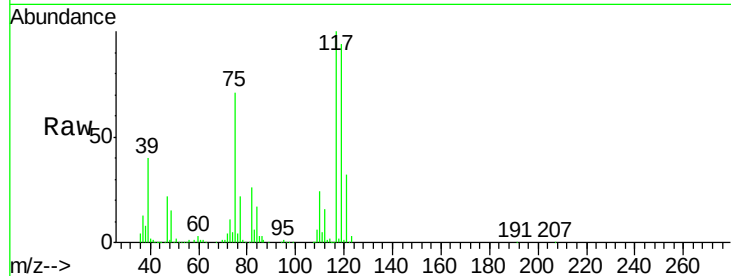
Tgt Ion:117 Resp: 235135

Ion Ratio Lower Upper

117 100

119 93.9 78.8 118.2

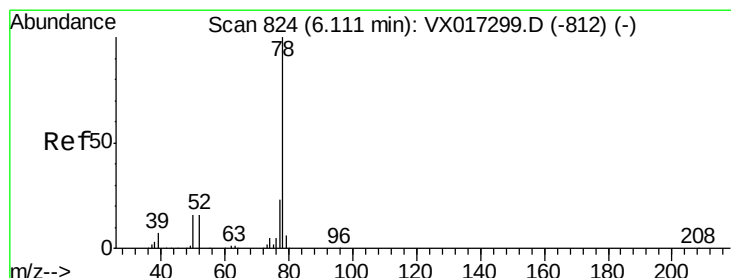
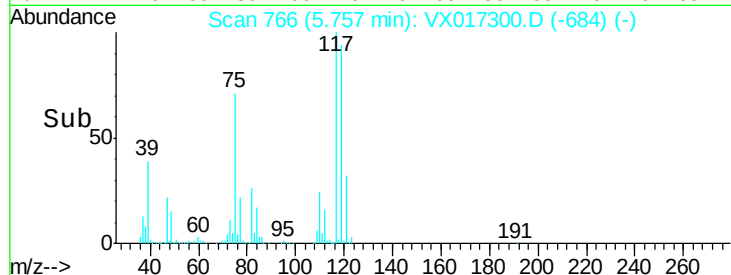
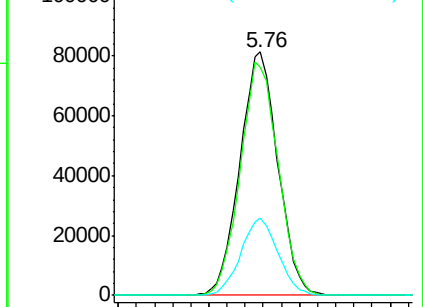
121 31.9 23.7 35.5



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: 45.741 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

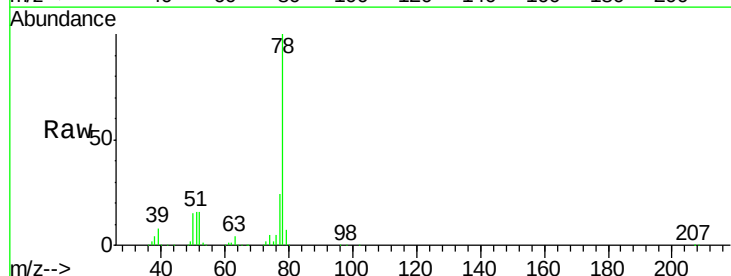
Tgt Ion: 78 Resp: 575328

Ion Ratio Lower Upper

78 100

77 23.7 18.1 27.1

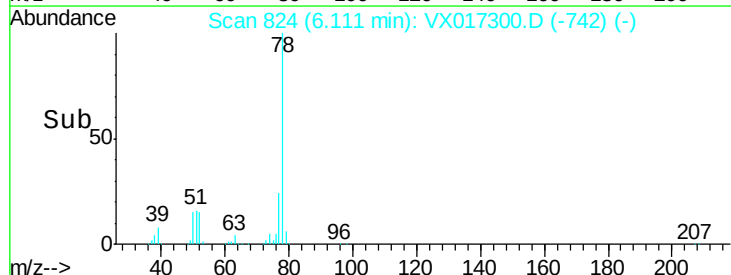
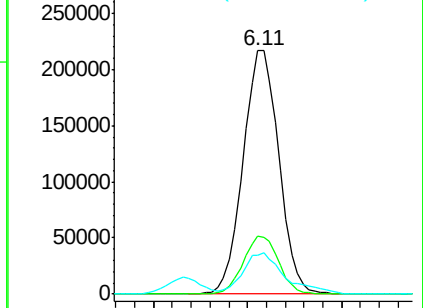
51 15.6 12.9 19.3

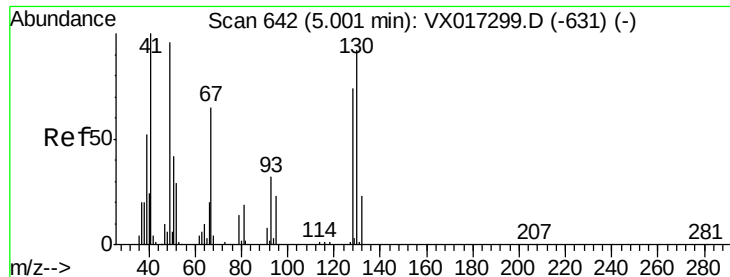


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

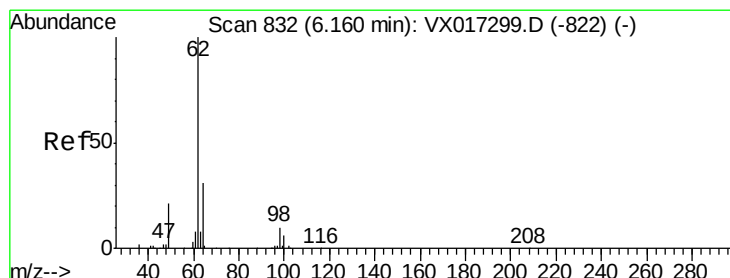
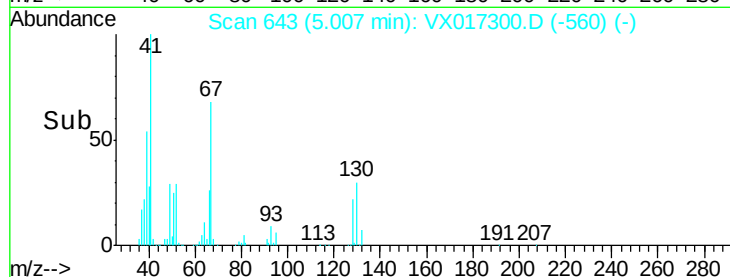
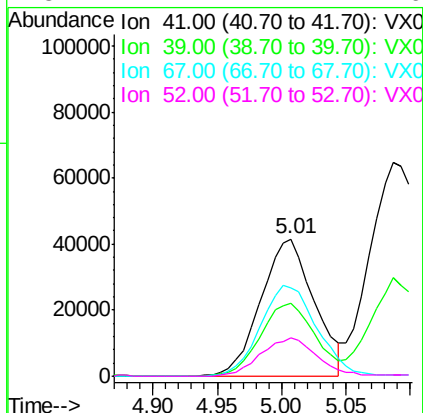
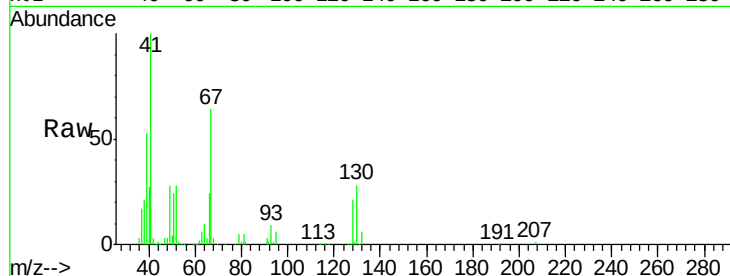




#35
Methacrylonitrile
Concen: 47.733 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

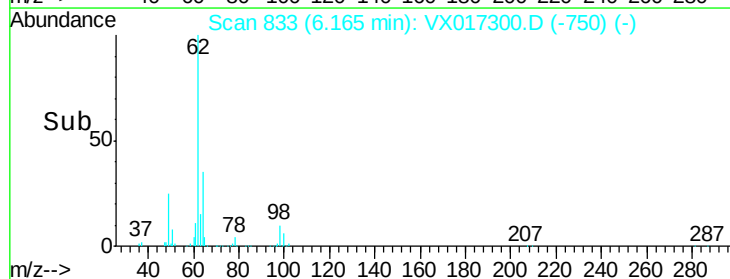
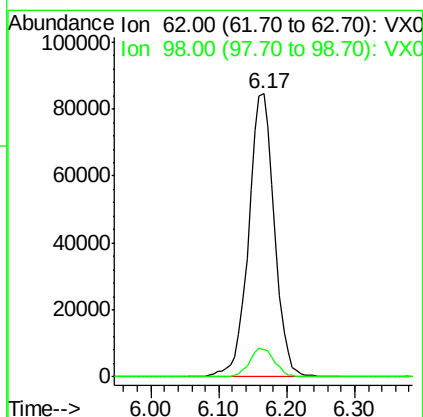
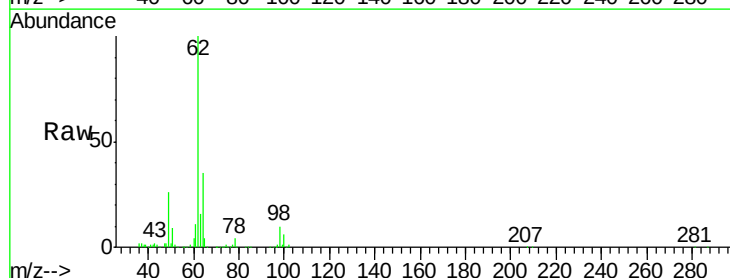
Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

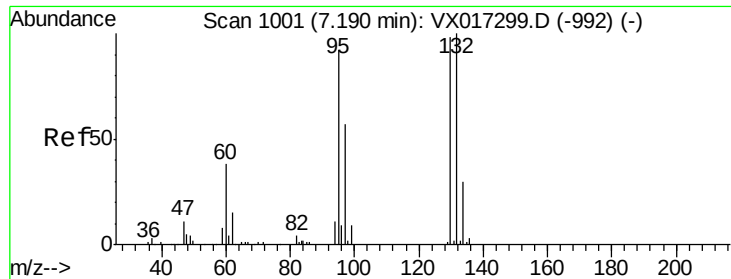
Tgt Ion:	41	Resp:	118913
Ion	Ratio	Lower	Upper
41	100		
39	53.5	26.0	78.0
67	64.7	32.6	97.8
52	27.7	14.2	42.6



#36
1,2-Dichloroethane
Concen: 46.051 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

Tgt Ion:	62	Resp:	223203
Ion	Ratio	Lower	Upper
62	100		
98	9.7	7.8	11.8





#37

Trichloroethene

Concen: 49.337 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

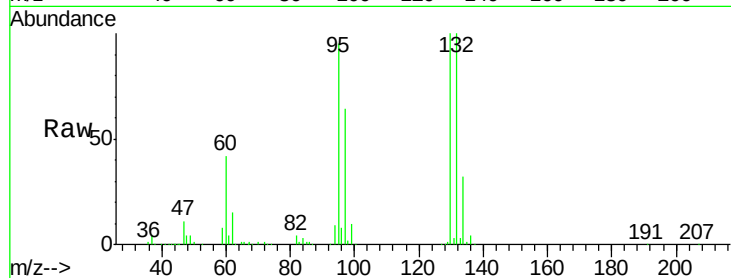
VSTDIC050

Tgt Ion:130 Resp: 172090

Ion Ratio Lower Upper

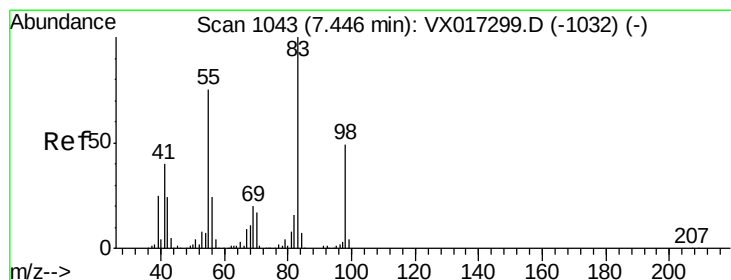
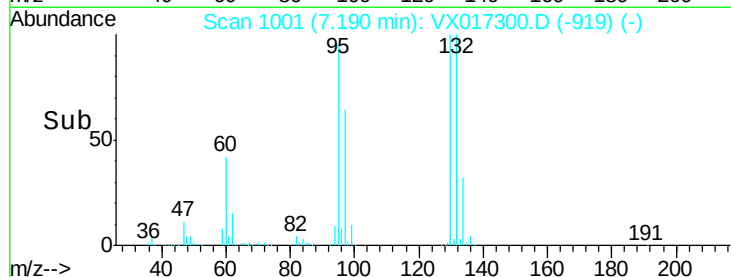
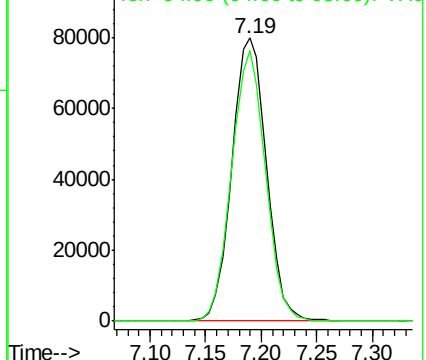
130 100

95 95.6 74.4 111.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 44.325 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

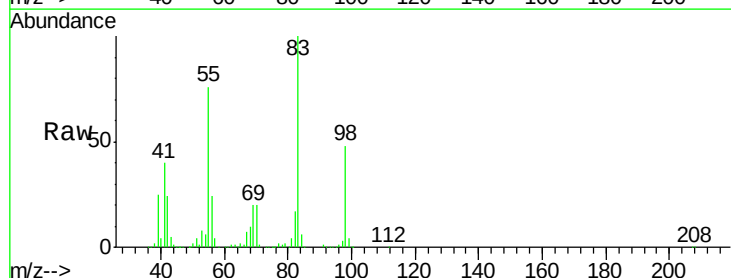
Tgt Ion: 83 Resp: 216738

Ion Ratio Lower Upper

83 100

55 76.6 39.0 117.0

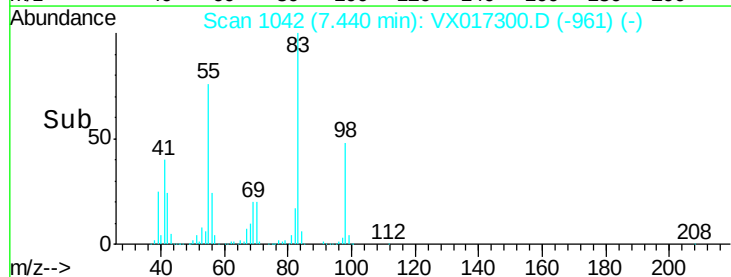
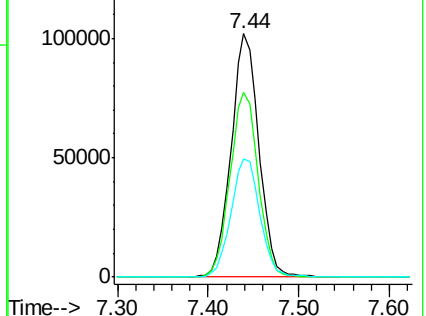
98 50.7 25.3 75.9

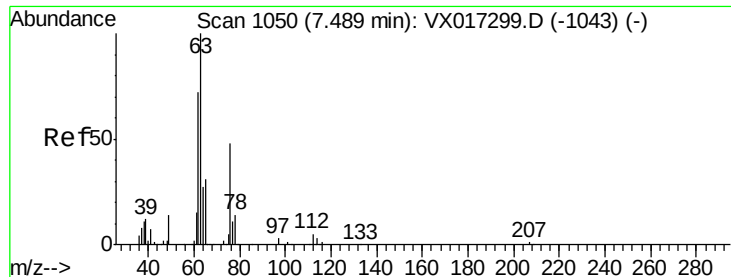


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 45.398 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

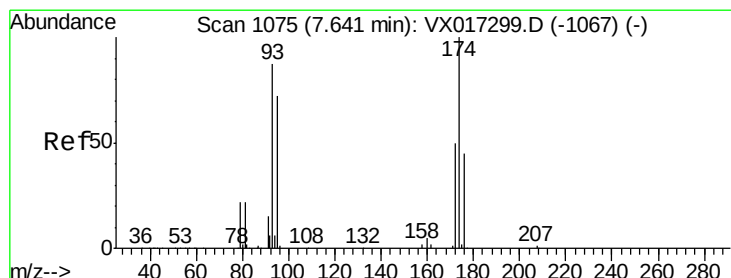
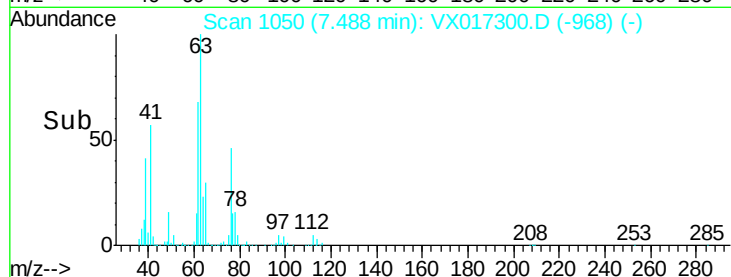
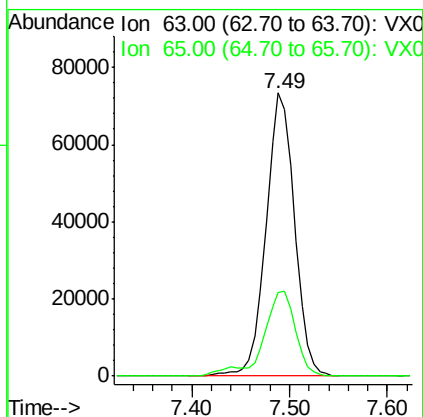
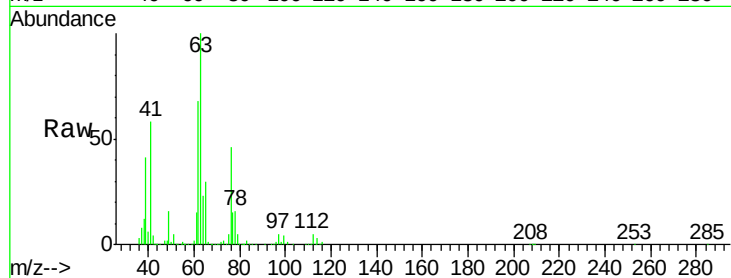
VSTDIC050

Tgt Ion: 63 Resp: 149067

Ion Ratio Lower Upper

63 100

65 29.7 27.4 41.0



#40

Dibromomethane

Concen: 46.938 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

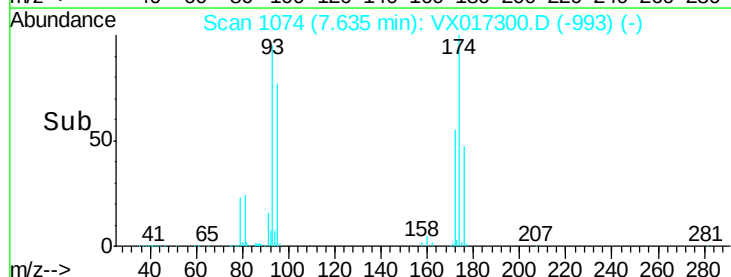
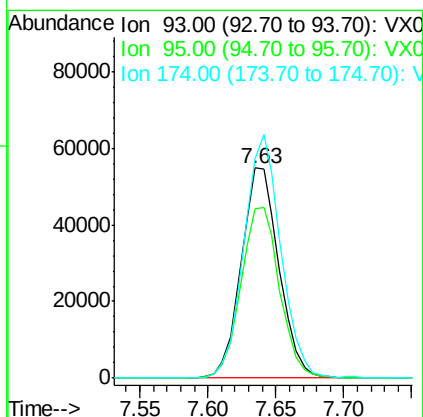
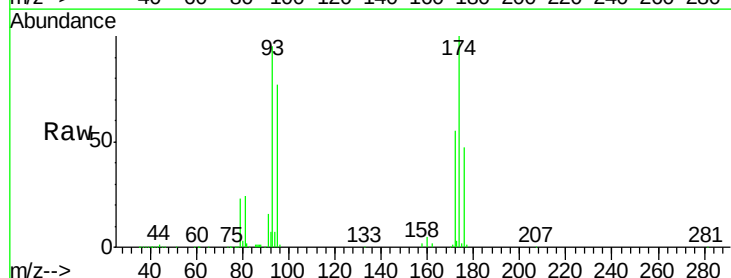
Tgt Ion: 93 Resp: 106616

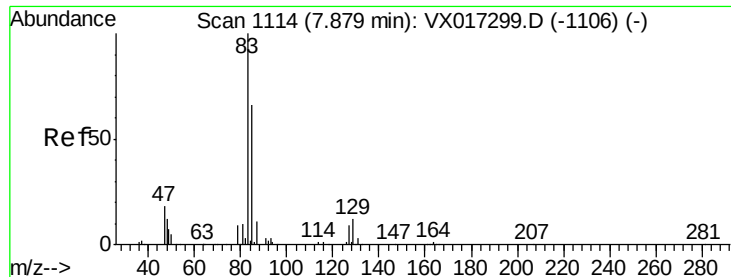
Ion Ratio Lower Upper

93 100

95 82.9 0.0 164.4

174 112.9 0.0 224.8





#41

Bromodichloromethane

Concen: 47.585 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

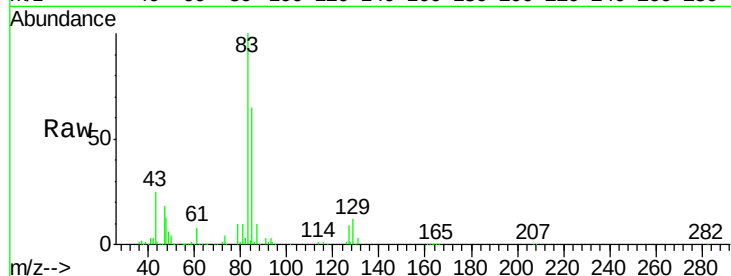
Tgt Ion: 83 Resp: 223925

Ion Ratio Lower Upper

83 100

85 64.6 53.1 79.7

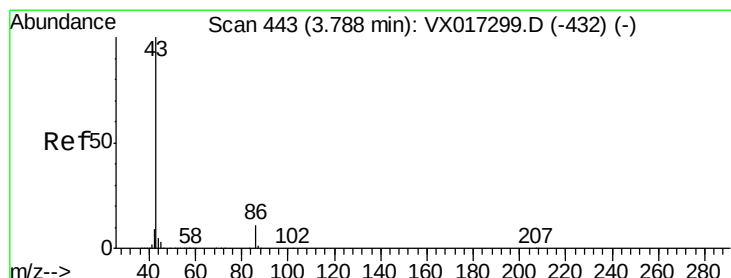
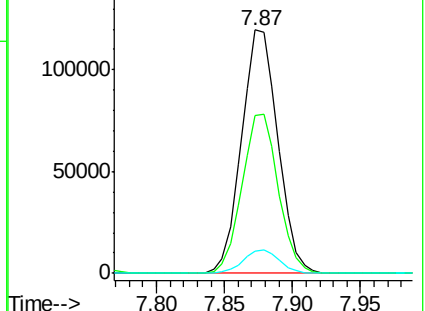
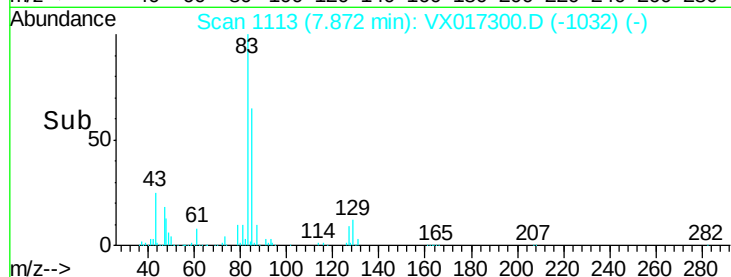
127 8.9 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX017300.D (-1032) (-)

Ion 85.00 (84.70 to 85.70): VX017300.D (-1032) (-)

Ion 127.00 (126.70 to 127.70): VX017300.D (-1032) (-)



#42

Vinyl Acetate

Concen: 226.968 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017300.D

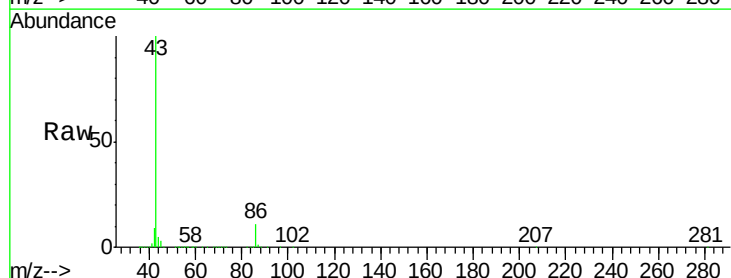
Acq: 09 Jul 2020 11:15

Tgt Ion: 43 Resp: 2049226

Ion Ratio Lower Upper

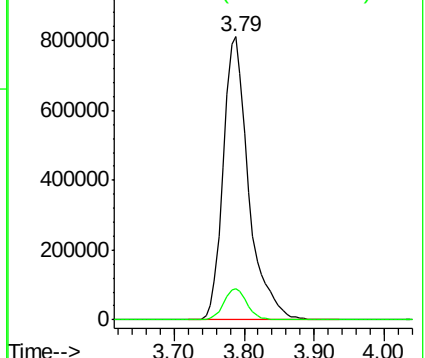
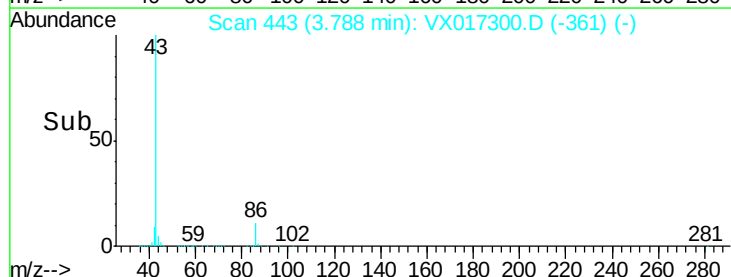
43 100

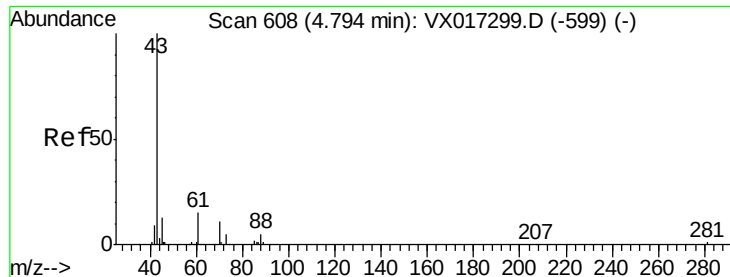
86 10.0 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX017300.D (-361) (-)

Ion 86.00 (85.70 to 86.70): VX017300.D (-361) (-)

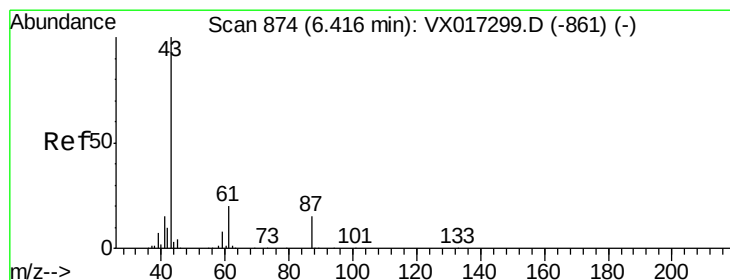
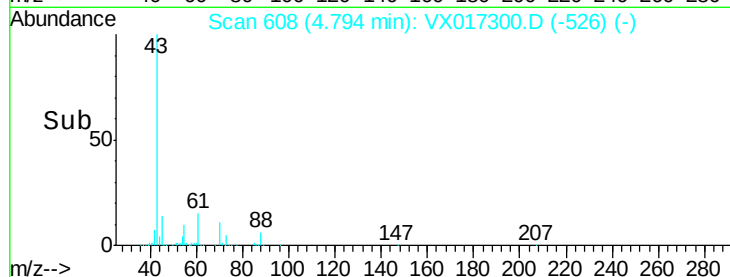
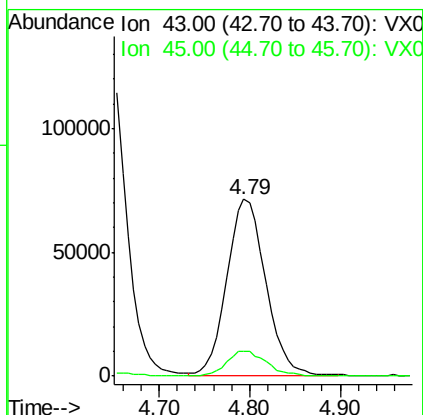
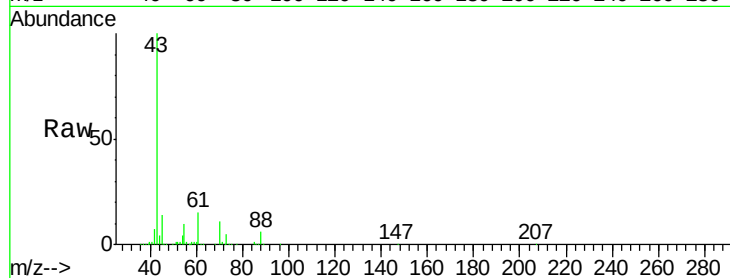




#43
Ethyl Acetate
Concen: 45.738 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

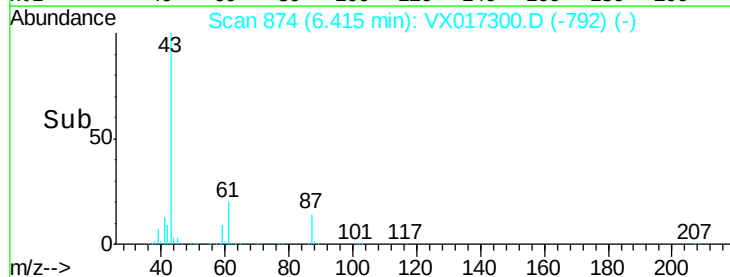
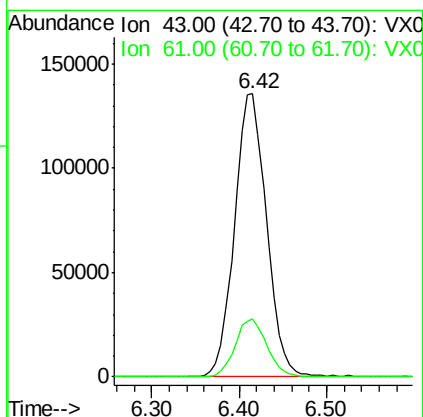
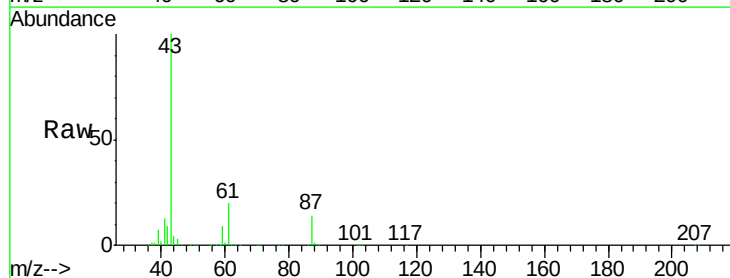
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

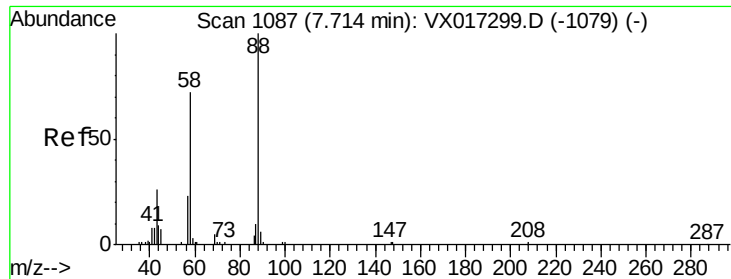
Tgt Ion: 43 Resp: 212783
Ion Ratio Lower Upper
43 100
45 14.8 12.1 18.1



#44
Isopropyl Acetate
Concen: 44.997 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

Tgt Ion: 43 Resp: 344705
Ion Ratio Lower Upper
43 100
61 20.4 15.7 23.5





#45

1,4-Dioxane

Concen: 869.756 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

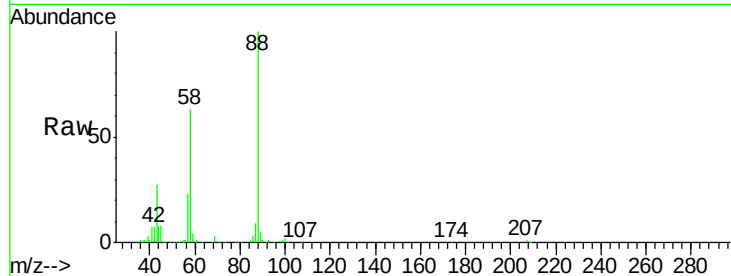
Tgt Ion: 88 Resp: 65715

Ion Ratio Lower Upper

88 100

43 33.7 29.0 43.4

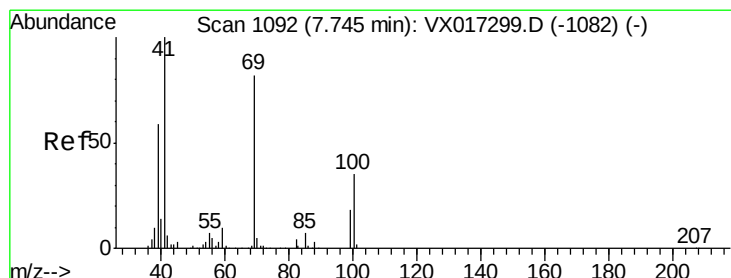
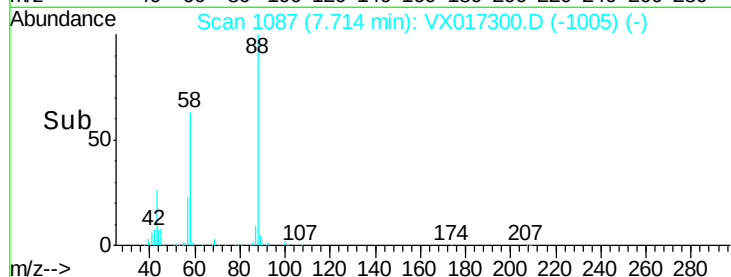
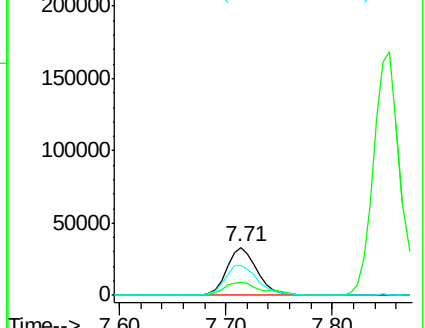
58 69.2 58.3 87.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 47.892 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

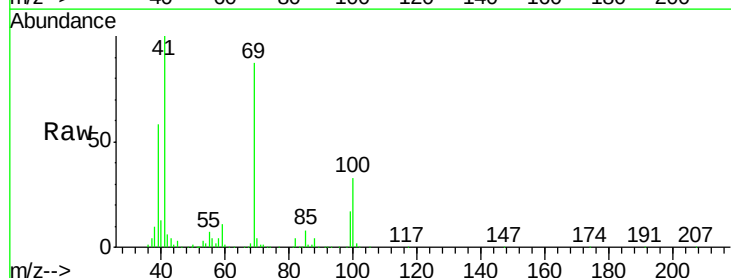
Tgt Ion: 41 Resp: 171033

Ion Ratio Lower Upper

41 100

69 87.1 41.1 123.3

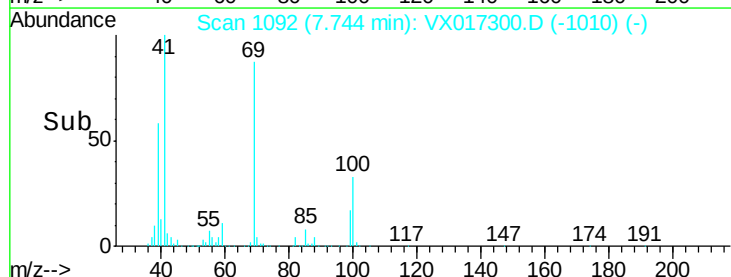
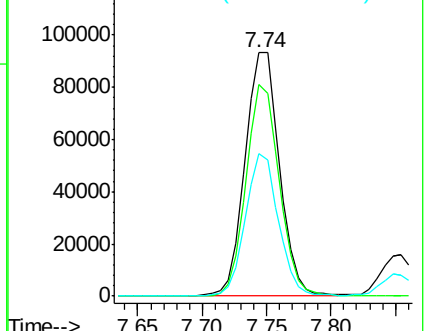
39 58.4 29.2 87.6

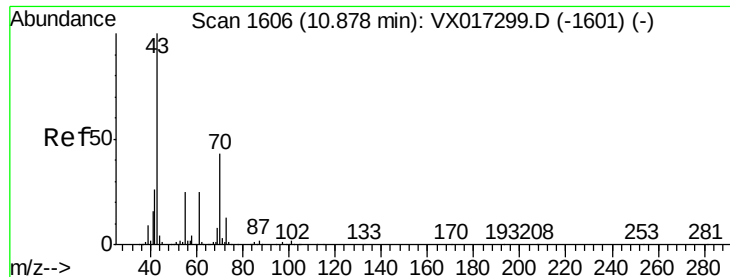


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amyl Acetate

Concen: 45.939 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

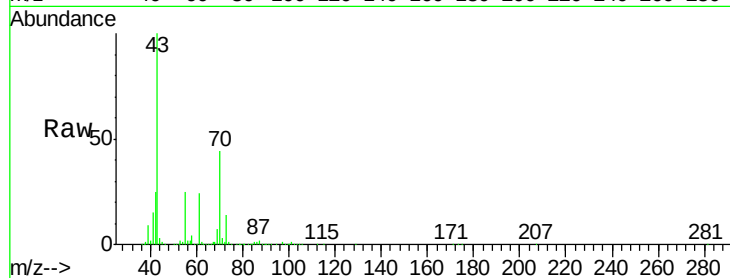
VSTDIC050

Tgt Ion: 43 Resp: 310808

Ion Ratio Lower Upper

43 100

55 24.6 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.88

250000

200000

150000

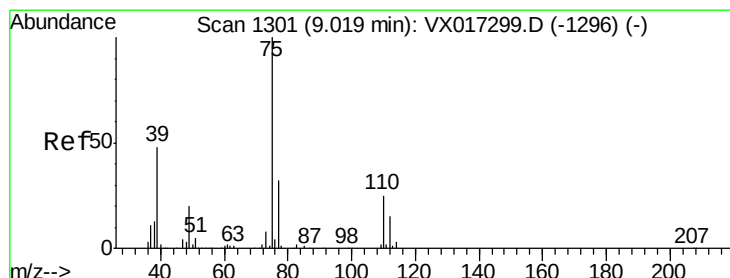
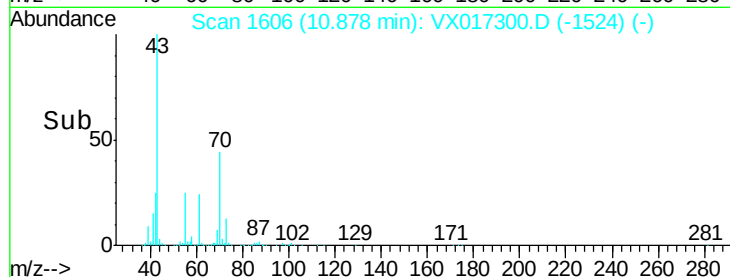
100000

50000

0

Time-->

10.85 10.90 10.95



#48

t-1,3-Dichloropropene

Concen: 47.079 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX017300.D

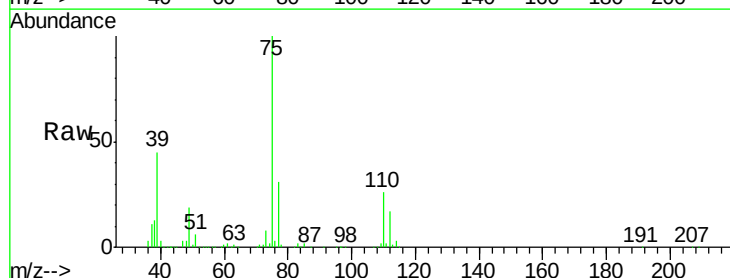
Acq: 09 Jul 2020 11:15

Tgt Ion: 75 Resp: 245483

Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.02

200000

150000

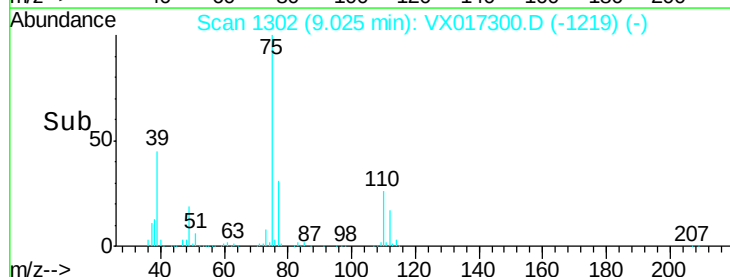
100000

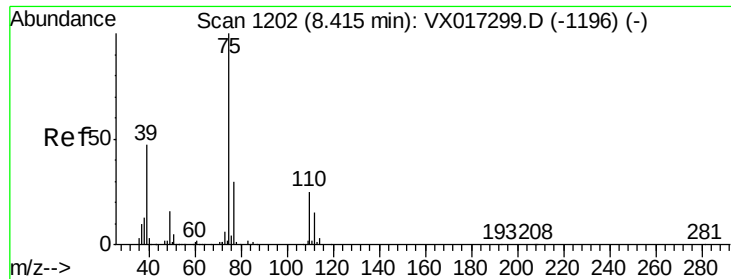
50000

0

Time-->

8.95 9.00 9.05 9.10



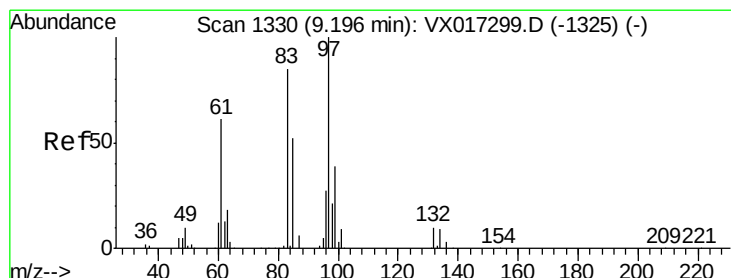
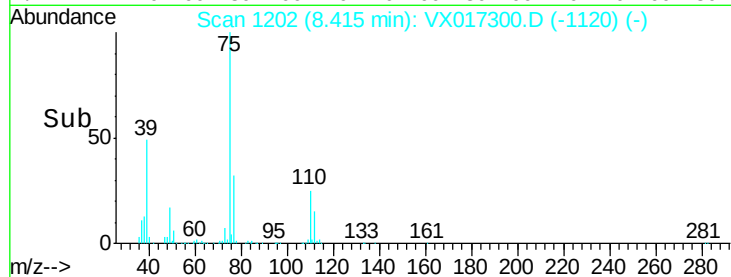
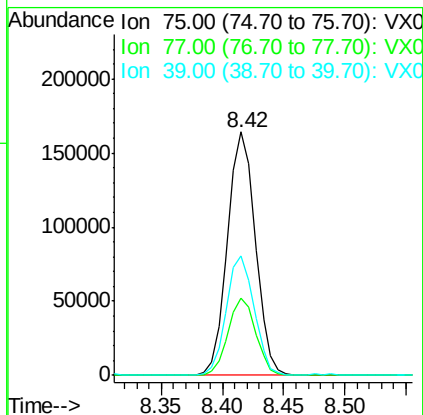
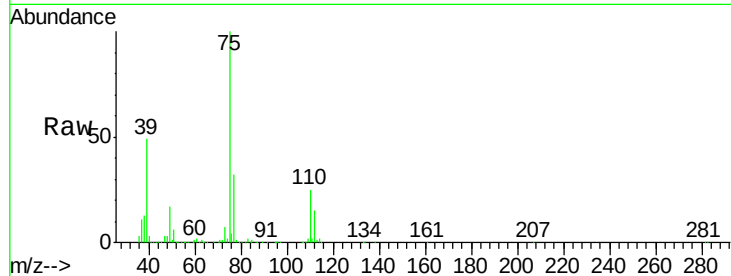


#49

cis-1,3-Dichloropropene
 Concen: 47.440 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017300.D
 Acq: 09 Jul 2020 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

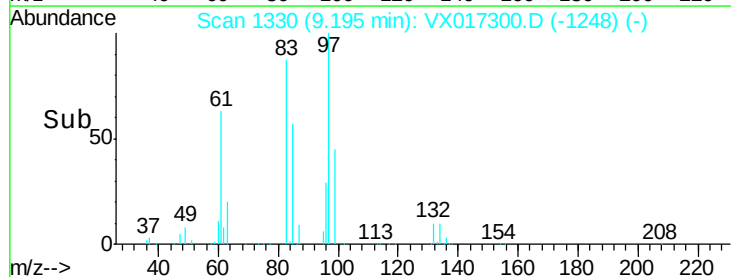
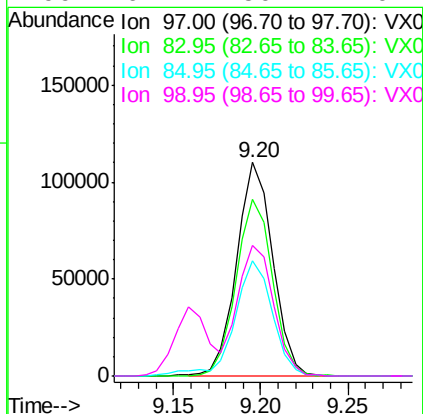
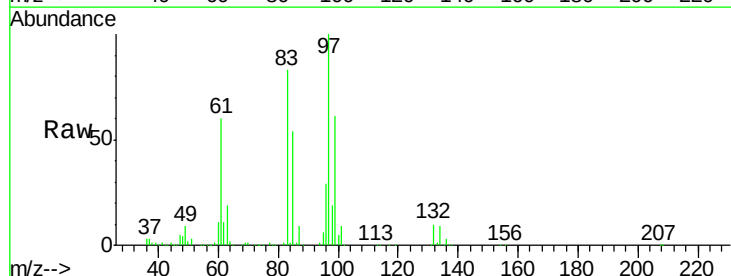
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	23.6	35.4
39	48.9	37.5	56.3

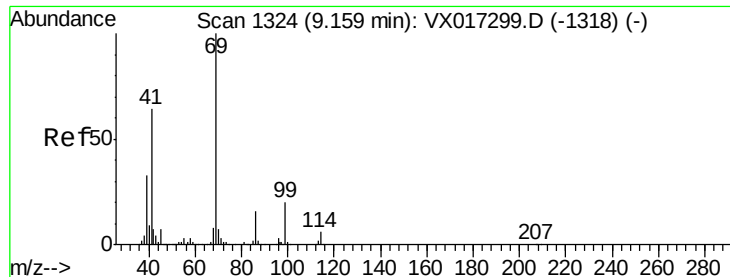


#50

1,1,2-Trichloroethane
 Concen: 49.313 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017300.D
 Acq: 09 Jul 2020 11:15

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.9	101.9
85	54.2	42.6	64.0
99	61.4	50.7	76.1





#51

Ethyl methacrylate

Concen: 48.576 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

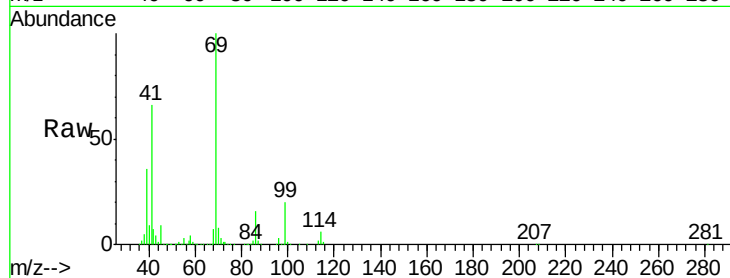
Tgt Ion: 69 Resp: 235848

Ion Ratio Lower Upper

69 100

41 66.0 32.1 96.5

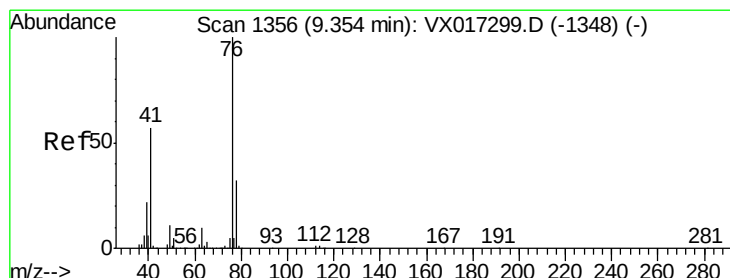
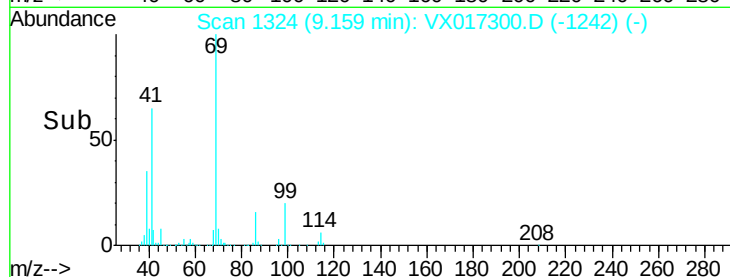
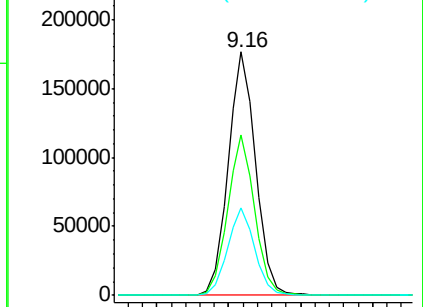
39 35.9 16.3 48.9



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: 47.509 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017300.D

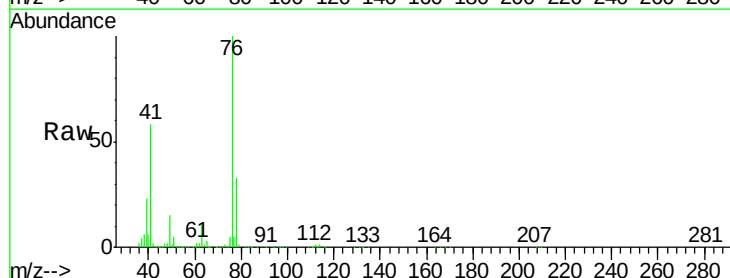
Acq: 09 Jul 2020 11:15

Tgt Ion: 76 Resp: 257839

Ion Ratio Lower Upper

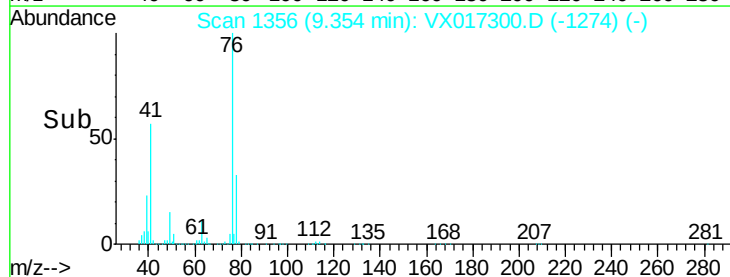
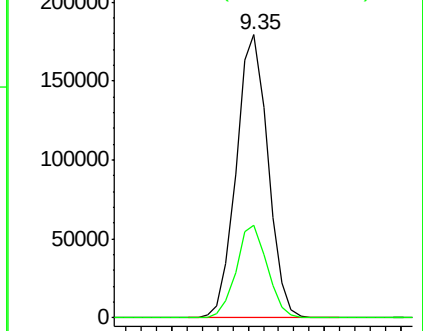
76 100

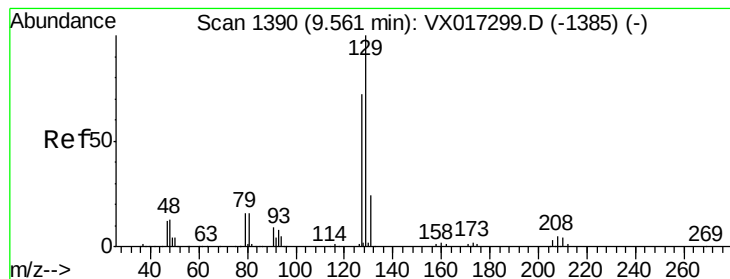
78 32.2 0.0 65.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 51.377 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

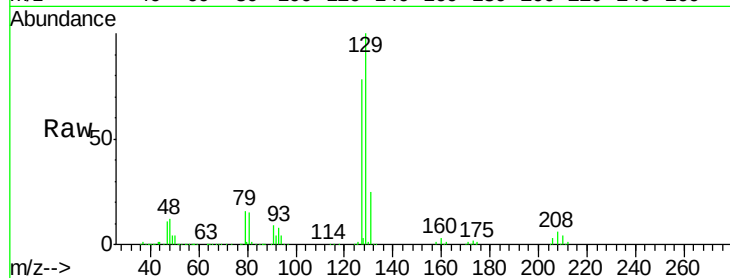
VSTDIC050

Tgt Ion:129 Resp: 191570

Ion Ratio Lower Upper

129 100

127 77.5 37.5 112.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

150000

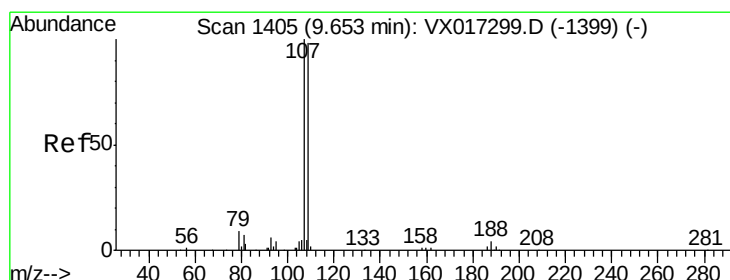
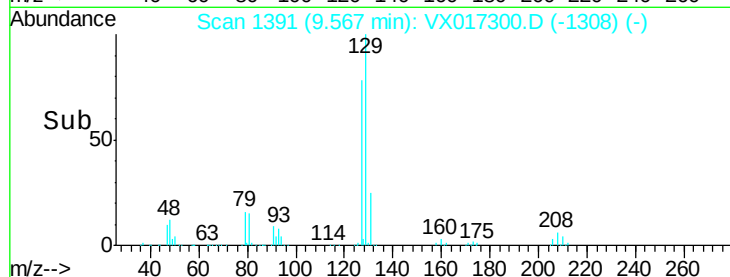
100000

50000

0

9.50 9.55 9.60

Time-->



#54

1,2-Dibromoethane

Concen: 49.701 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017300.D

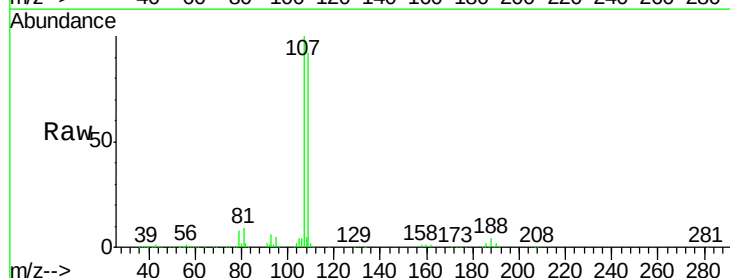
Acq: 09 Jul 2020 11:15

Tgt Ion:107 Resp: 169426

Ion Ratio Lower Upper

107 100

109 94.4 76.9 115.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

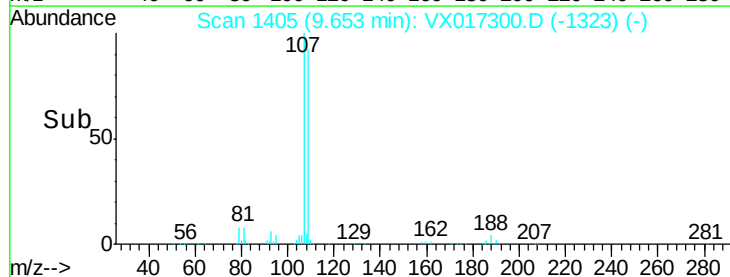
100000

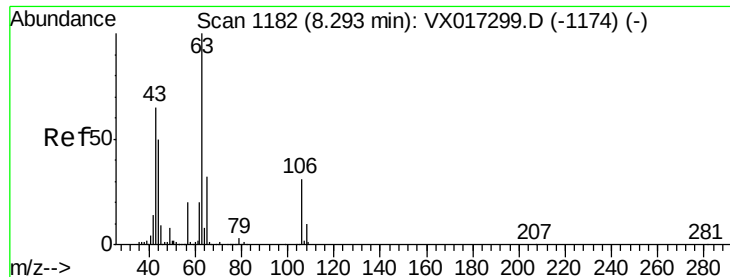
50000

0

9.60 9.65 9.70

Time-->





#55

2-Chloroethyl vinyl ether

Concen: 249.795 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

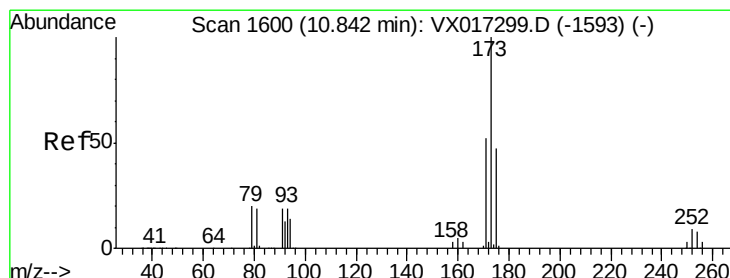
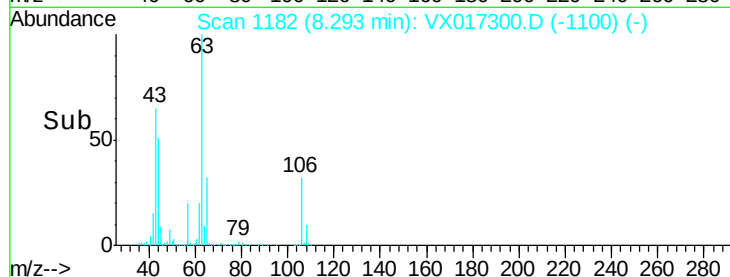
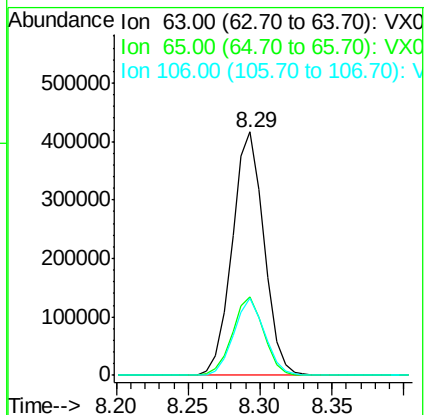
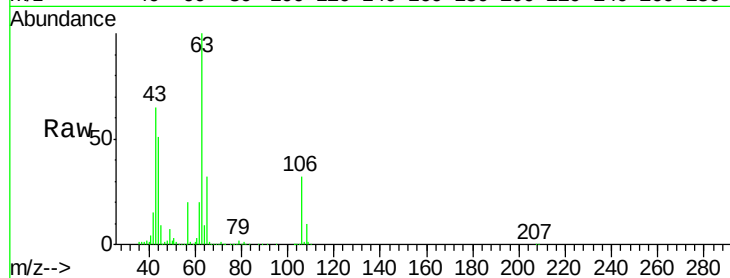
Tgt Ion: 63 Resp: 638904

Ion Ratio Lower Upper

63 100

65 31.8 25.4 38.0

106 30.7 24.5 36.7



#56

Bromoform

Concen: 55.898 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

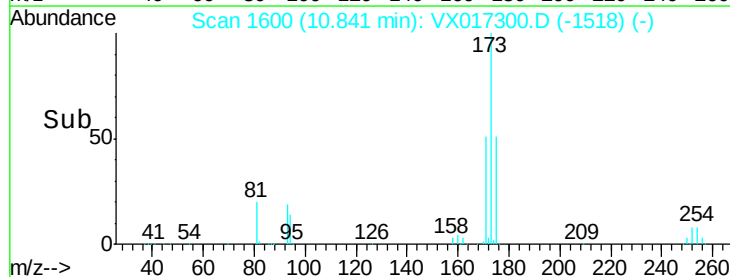
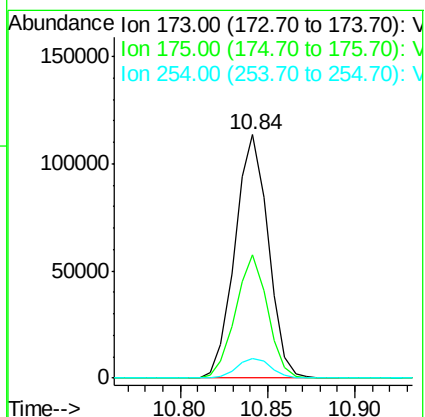
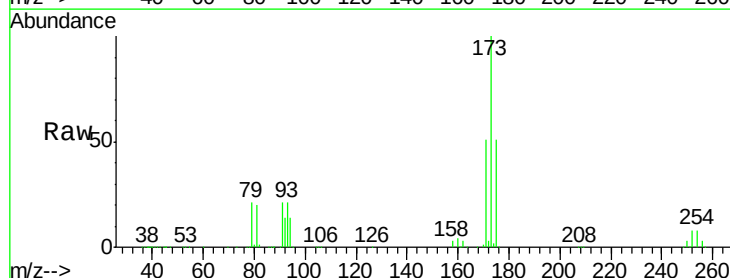
Tgt Ion: 173 Resp: 150294

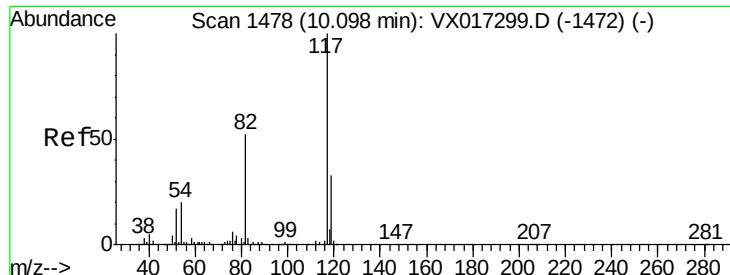
Ion Ratio Lower Upper

173 100

175 48.8 38.4 57.6

254 8.3 7.0 10.4

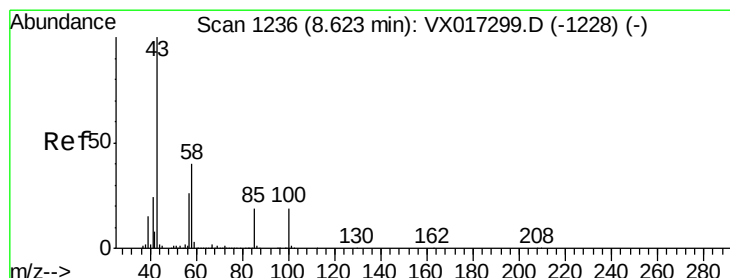
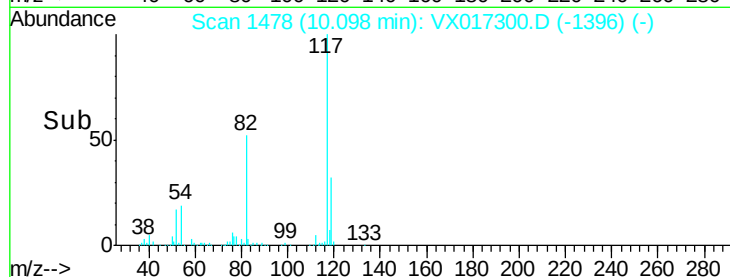
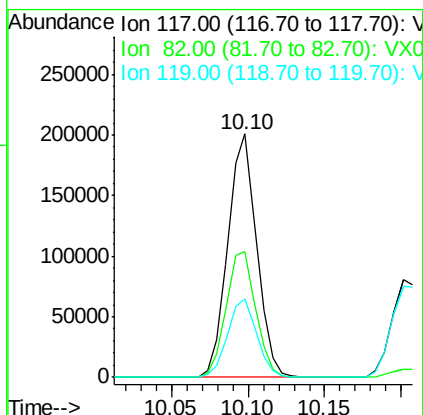
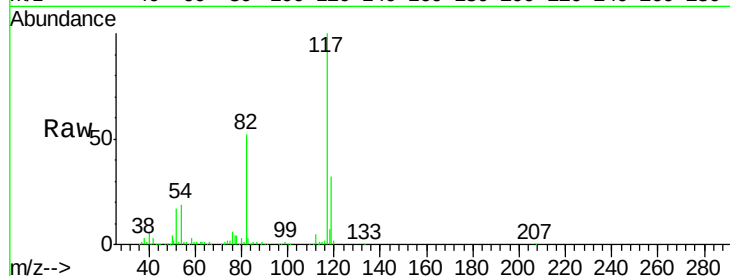




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

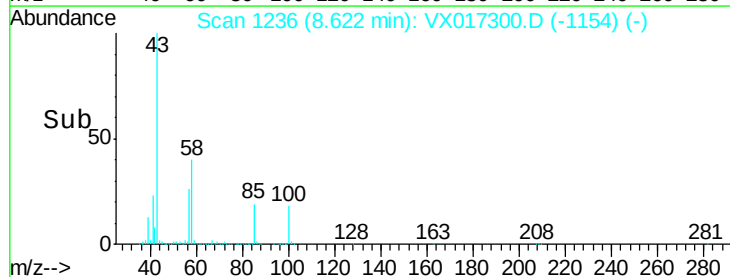
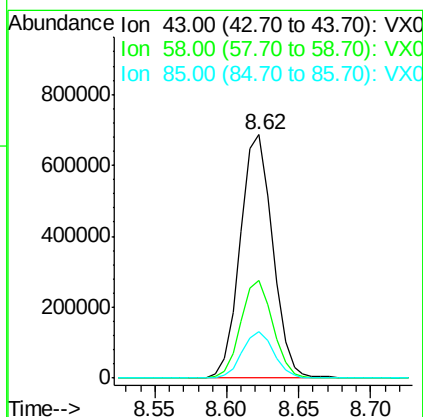
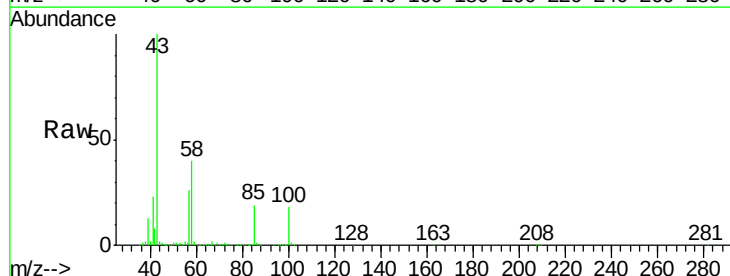
Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

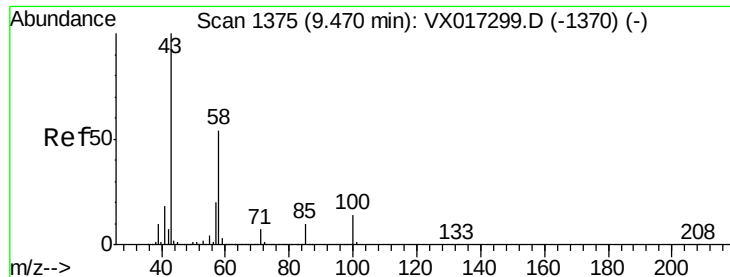
Tgt Ion: 117 Resp: 262654
Ion Ratio Lower Upper
117 100
82 53.2 42.2 63.4
119 32.4 26.4 39.6



#58
4-Methyl-2-Pentanone
Concen: 229.075 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

Tgt Ion: 43 Resp: 1075164
Ion Ratio Lower Upper
43 100
58 39.9 32.2 48.2
85 18.7 14.8 22.2

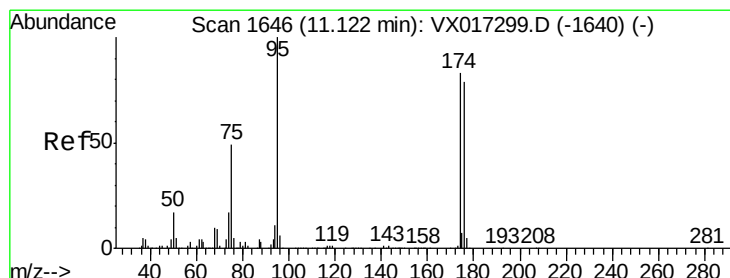
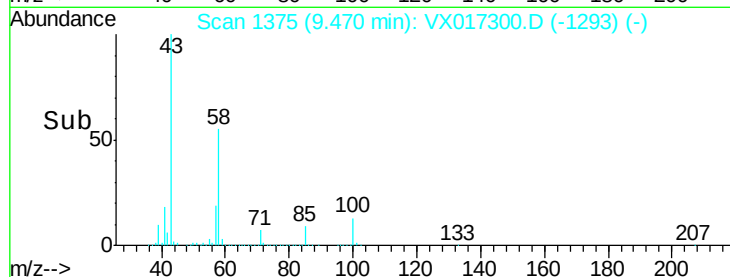
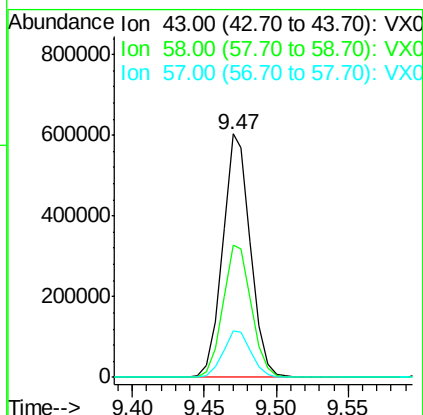
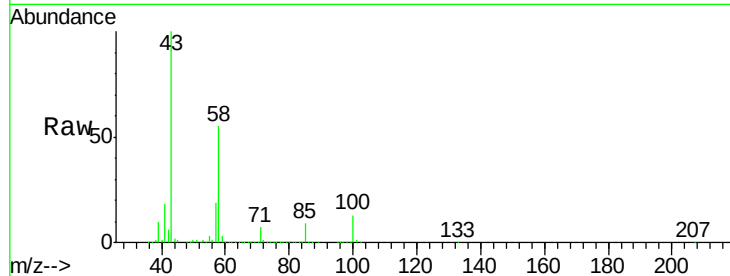




#59
2-Hexanone
Concen: 232.558 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

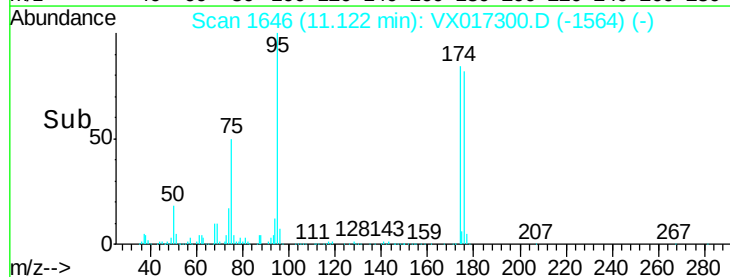
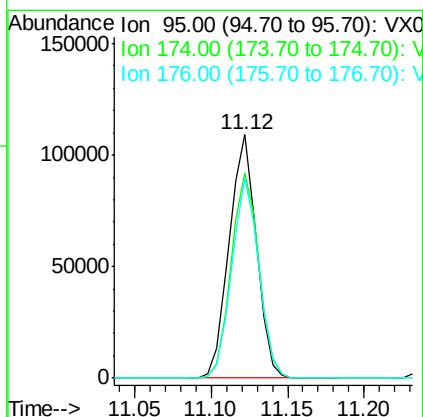
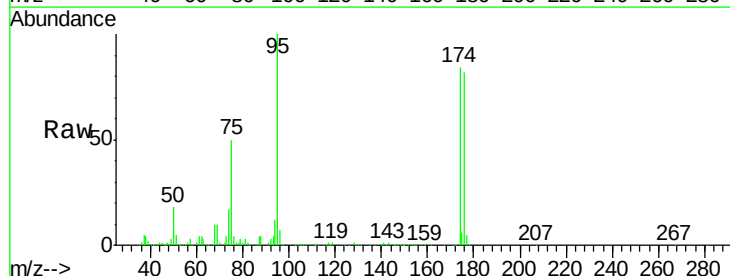
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

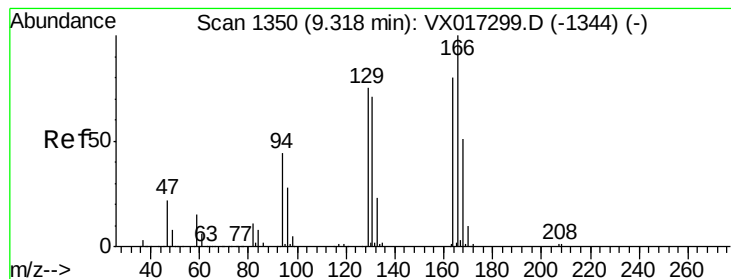
Tgt Ion: 43 Resp: 816314
Ion Ratio Lower Upper
43 100
58 55.6 43.4 65.0
57 19.5 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 30.566 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

Tgt Ion: 95 Resp: 135022
Ion Ratio Lower Upper
95 100
174 85.2 66.9 100.3
176 81.2 65.5 98.3





#61

Tetrachloroethene

Concen: 50.610 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:164 Resp: 170176

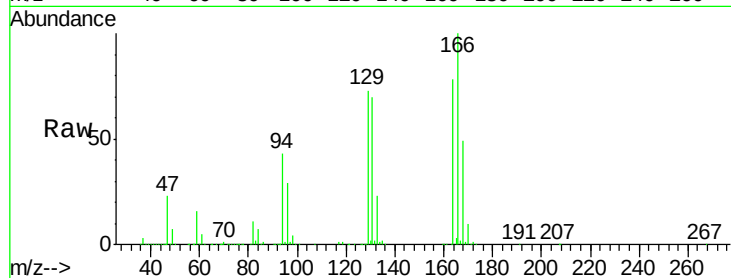
Ion Ratio Lower Upper

164 100

166 127.5 99.8 149.6

129 93.4 74.4 111.6

131 89.6 70.6 105.8

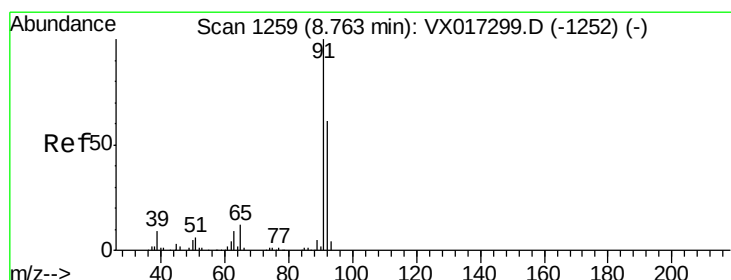
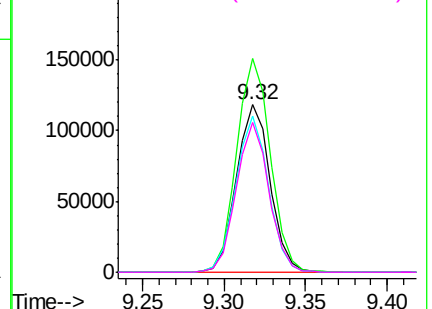
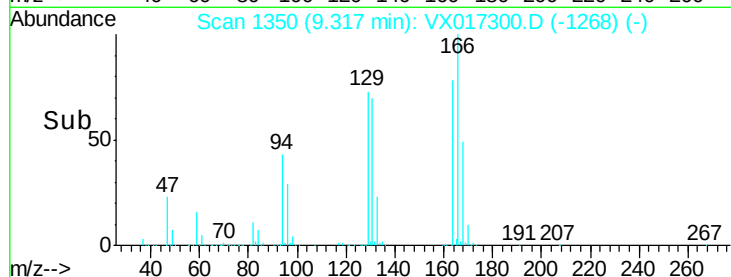


Abundance Ion 163.85 (163.55 to 164.55): V

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: 45.800 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017300.D

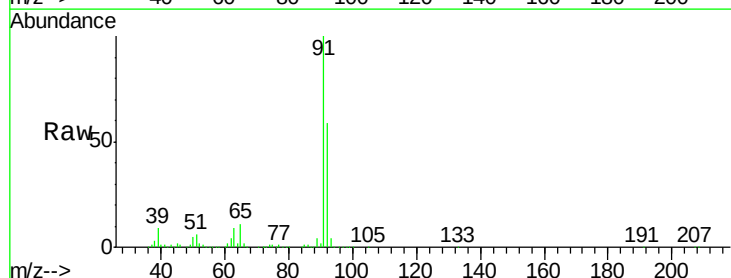
Acq: 09 Jul 2020 11:15

Tgt Ion: 91 Resp: 639045

Ion Ratio Lower Upper

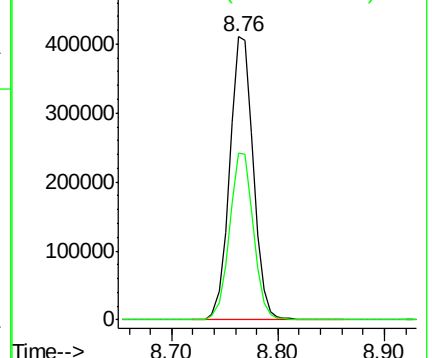
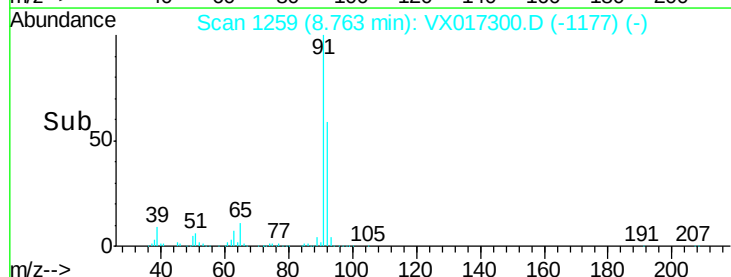
91 100

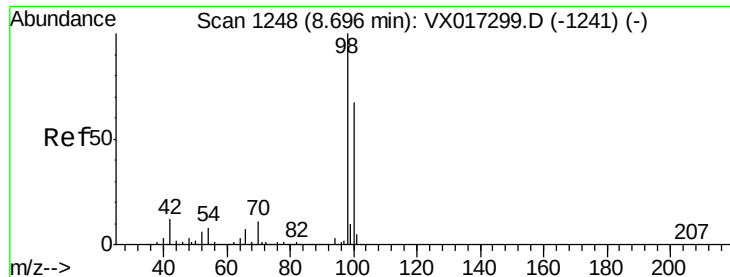
92 59.5 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

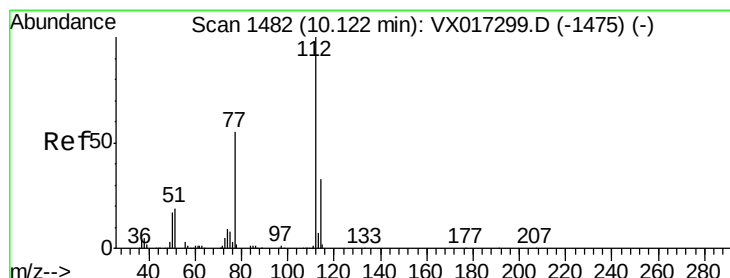
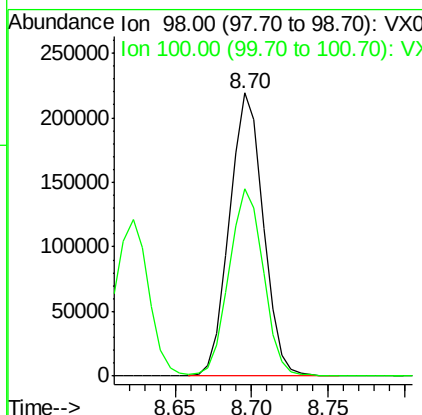
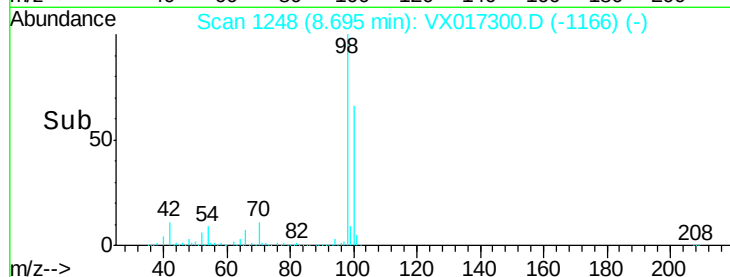
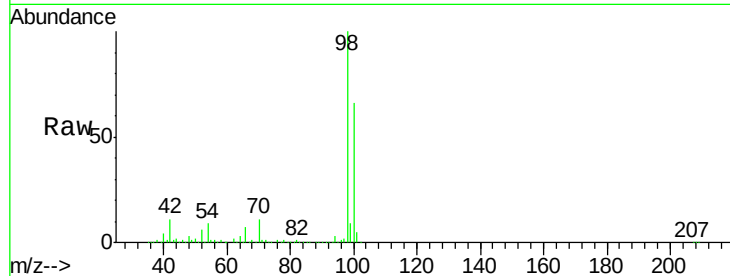




#63
Toluene-d8
Concen: 29.065 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

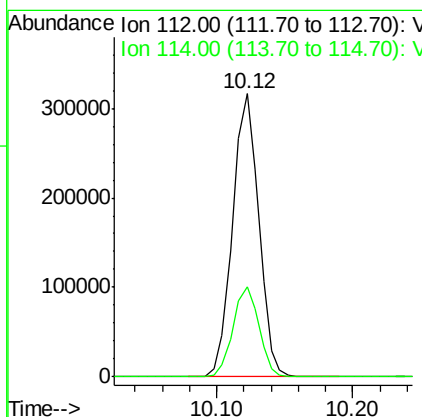
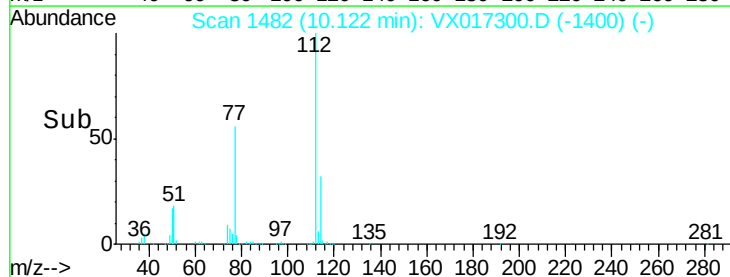
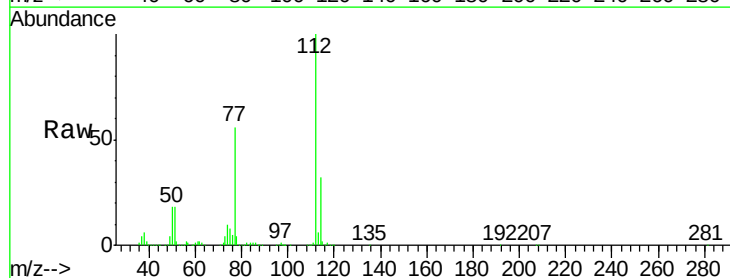
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

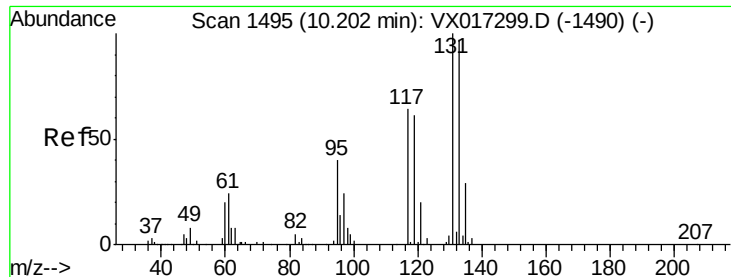
Tgt Ion: 98 Resp: 335566
Ion Ratio Lower Upper
98 100
100 67.6 52.8 79.2



#64
Chlorobenzene
Concen: 48.138 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

Tgt Ion: 112 Resp: 425129
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2

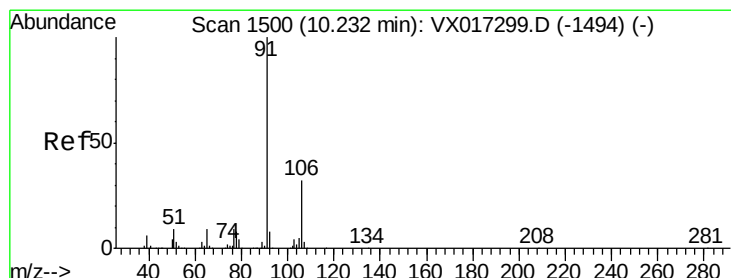
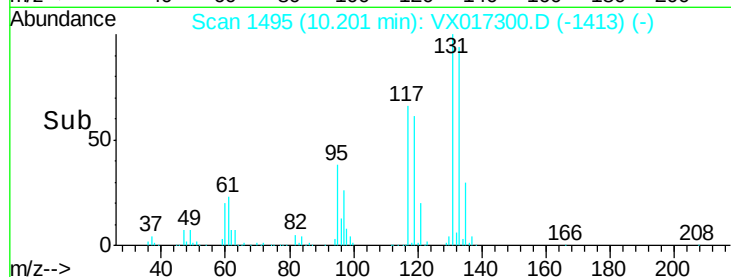
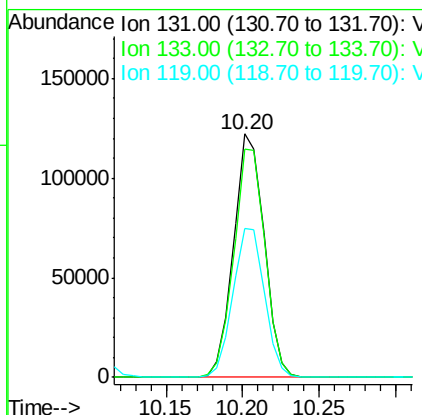
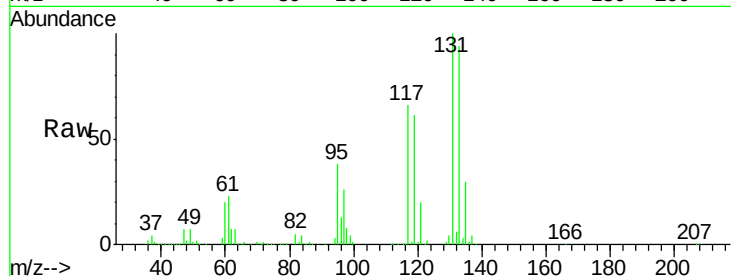




#65
 1,1,1,2-Tetrachloroethane
 Concen: 50.507 ug/l
 RT: 10.20 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: VX017300.D
 Acq: 09 Jul 2020 11:15

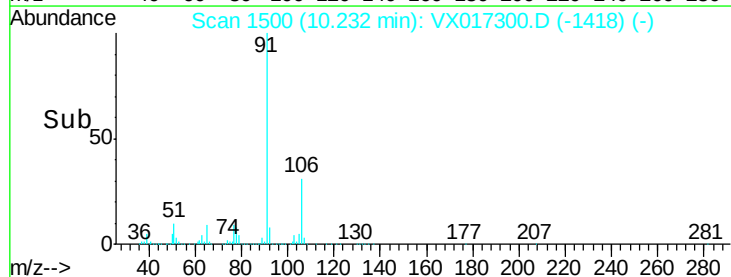
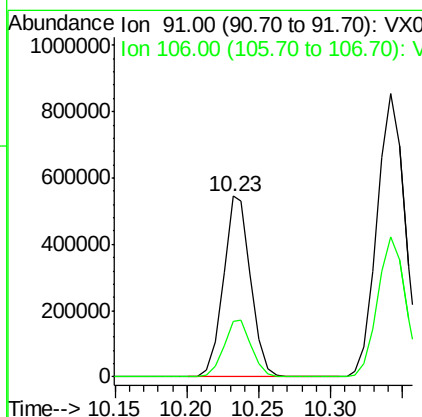
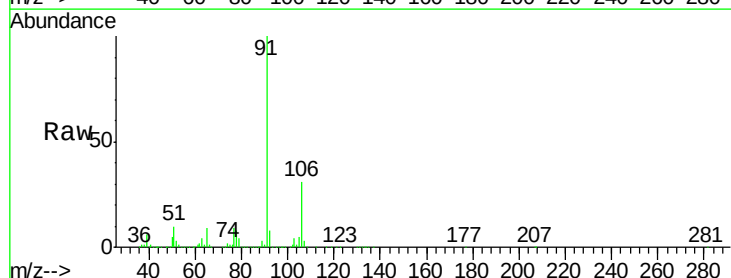
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

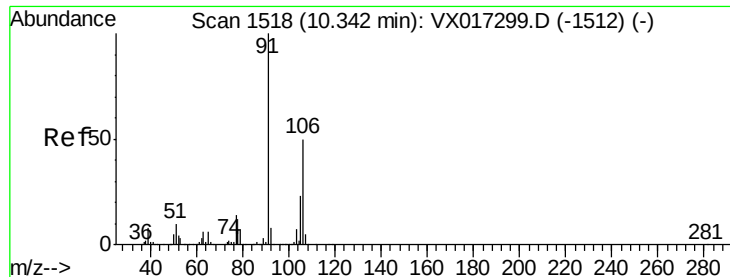
Tgt Ion: 131 Resp: 169387
 Ion Ratio Lower Upper
 131 100
 133 95.9 0.0 196.8
 119 63.2 0.0 126.0



#66
 Ethyl Benzene
 Concen: 46.643 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: VX017300.D
 Acq: 09 Jul 2020 11:15

Tgt Ion: 91 Resp: 722180
 Ion Ratio Lower Upper
 91 100
 106 30.9 25.2 37.8

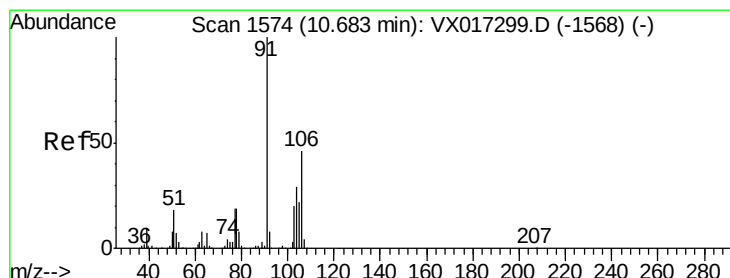
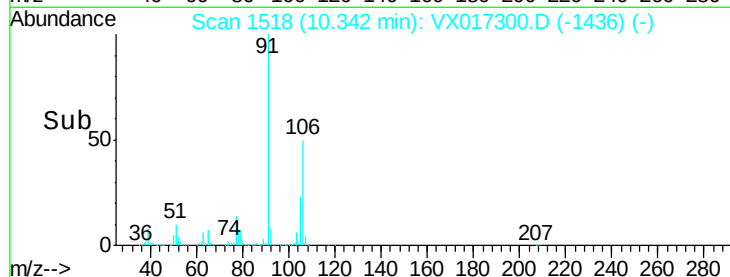
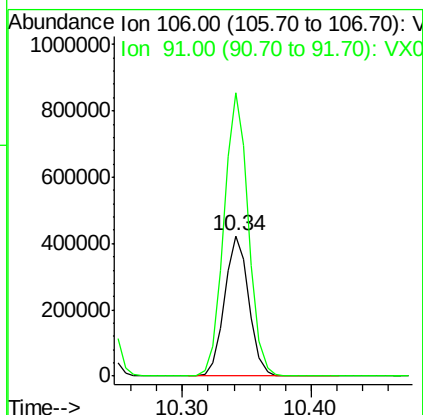
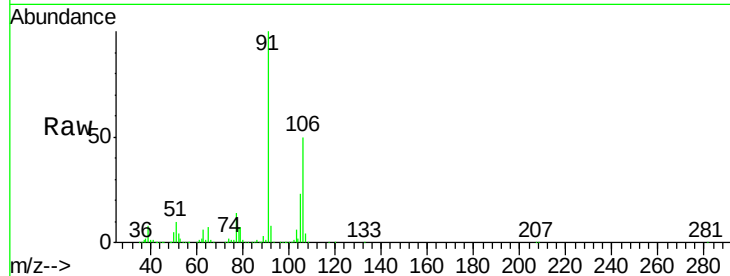




#67
m/p-Xylenes
Concen: 95.615 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

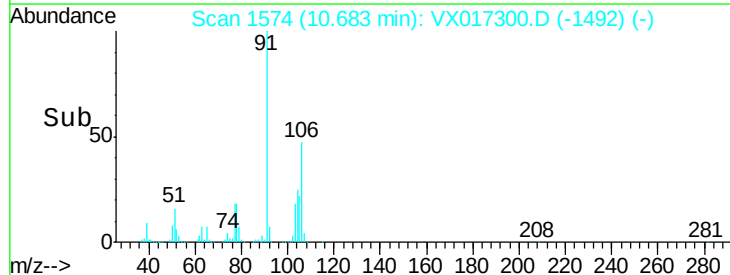
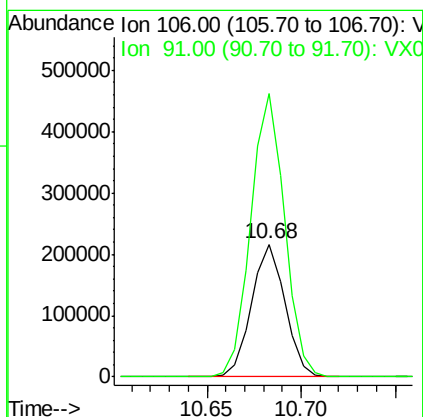
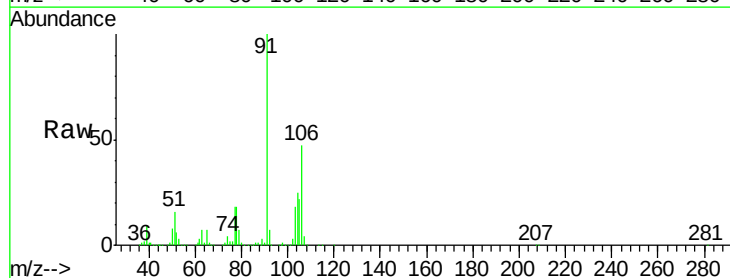
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

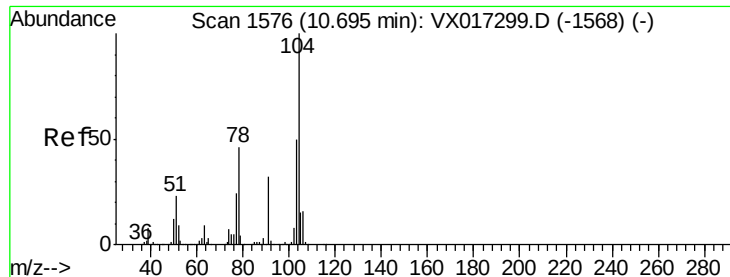
Tgt Ion:106 Resp: 562940
Ion Ratio Lower Upper
106 100
91 202.1 159.7 239.5



#68
o-Xylene
Concen: 47.957 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

Tgt Ion:106 Resp: 268547
Ion Ratio Lower Upper
106 100
91 214.2 109.6 328.8





#69

Styrene

Concen: 49.153 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

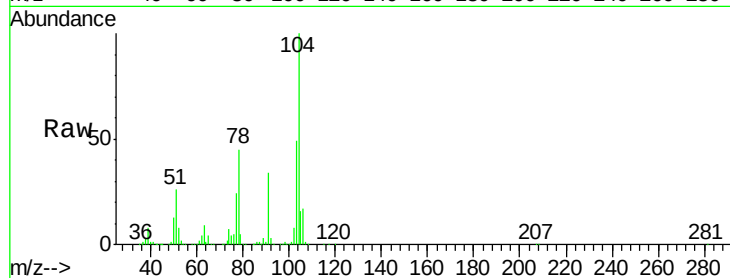
Tgt Ion:104 Resp: 476946

Ion Ratio Lower Upper

104 100

78 50.2 40.8 61.2

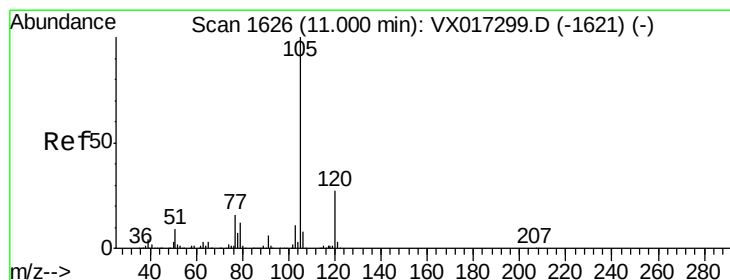
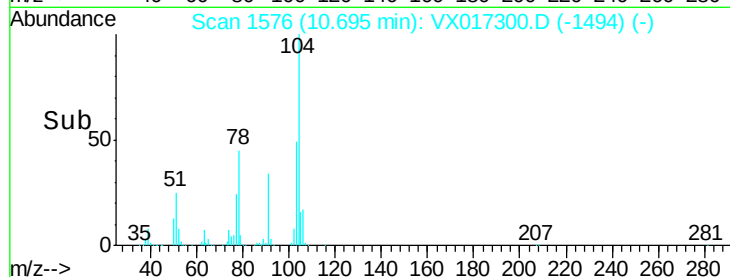
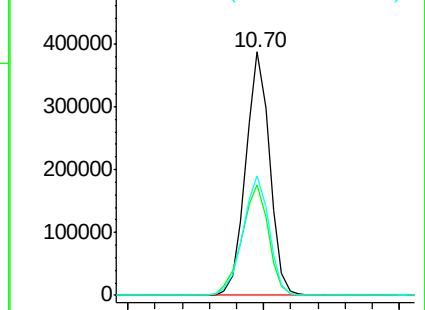
103 53.8 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 47.861 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017300.D

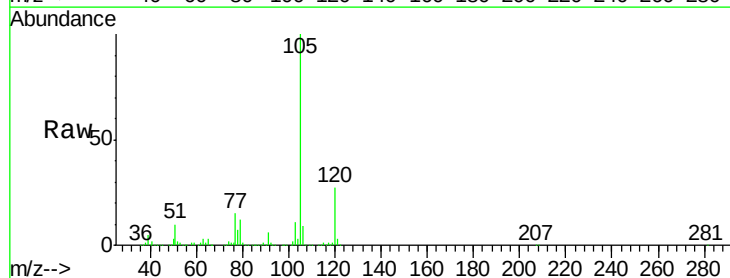
Acq: 09 Jul 2020 11:15

Tgt Ion:105 Resp: 734687

Ion Ratio Lower Upper

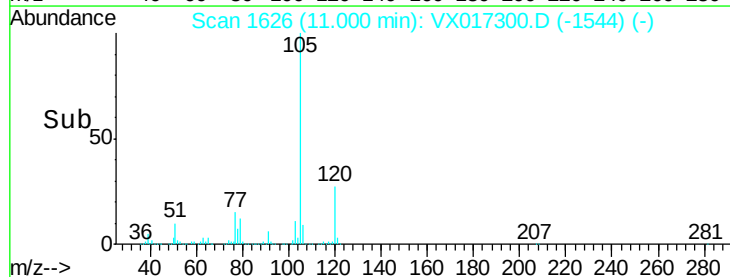
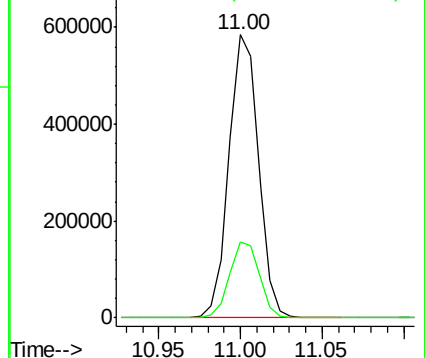
105 100

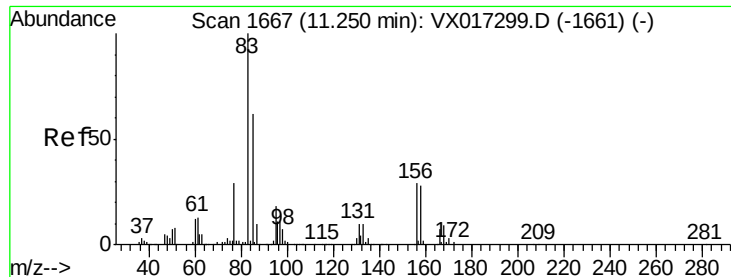
120 27.1 19.3 35.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

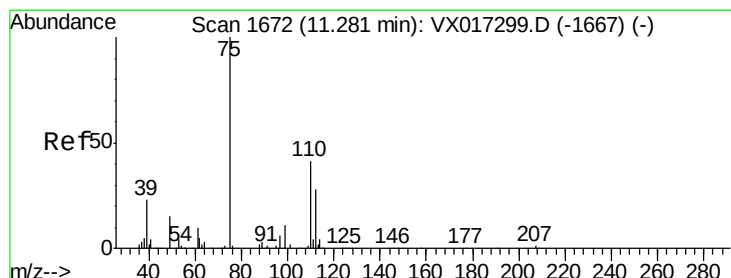
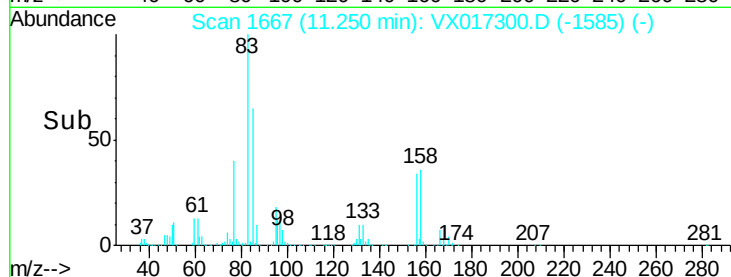
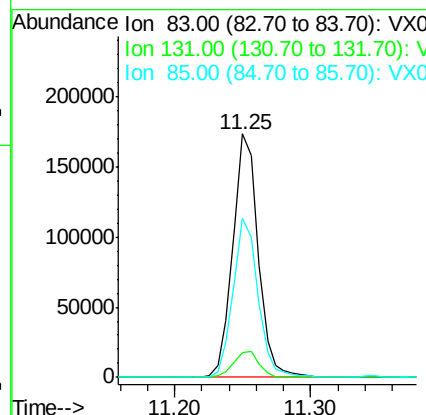
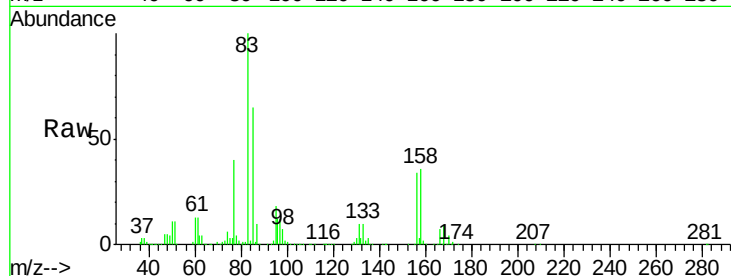




#71
 1,1,2,2-Tetrachloroethane
 Concen: 47.581 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX017300.D
 Acq: 09 Jul 2020 11:15

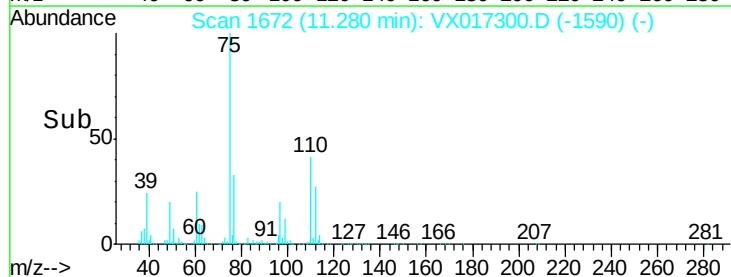
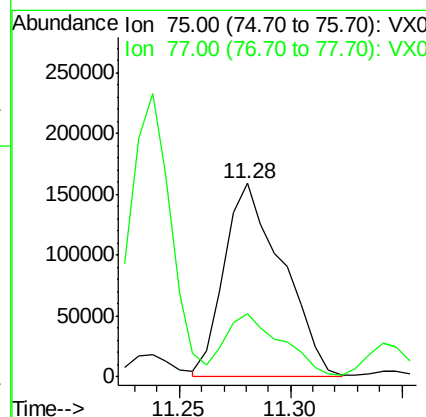
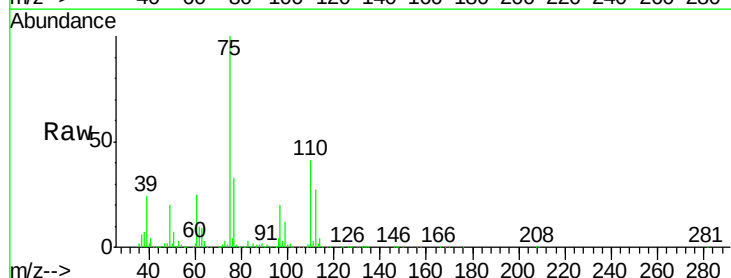
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

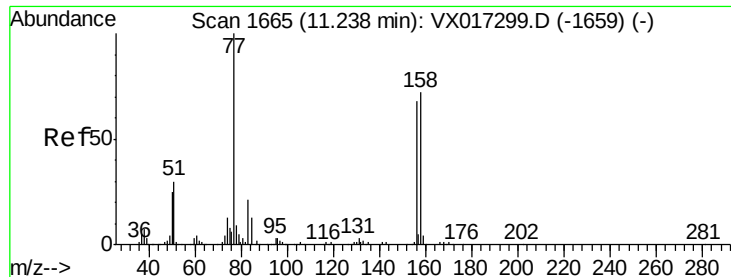
Tgt Ion: 83 Resp: 225110
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.5 16.5
 85 64.8 31.5 94.5



#72
 1,2,3-Trichloropropane
 Concen: 63.693 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX017300.D
 Acq: 09 Jul 2020 11:15

Tgt Ion: 75 Resp: 289660
 Ion Ratio Lower Upper
 75 100
 77 31.7 0.0 72.2





#73

Bromobenzene

Concen: 50.258 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

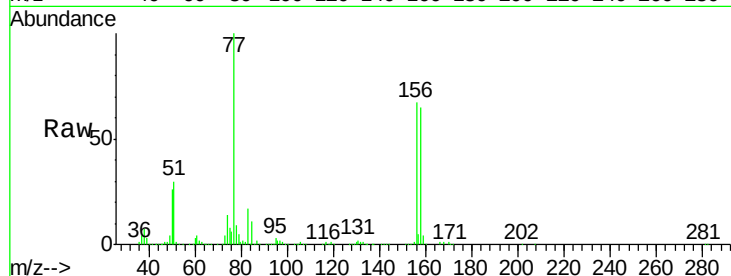
Tgt Ion:156 Resp: 197453

Ion Ratio Lower Upper

156 100

77 151.2 0.0 299.2

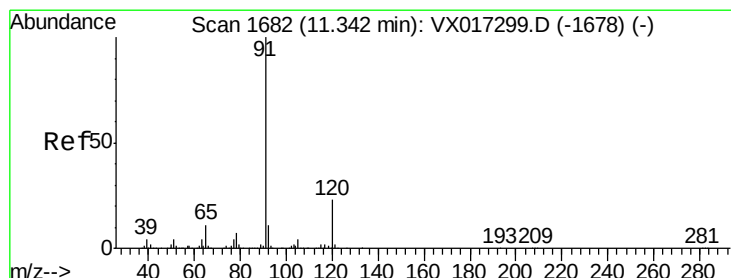
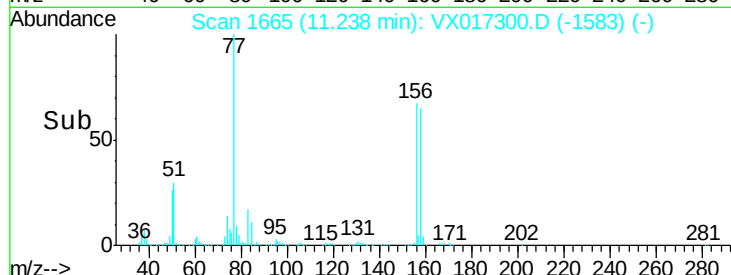
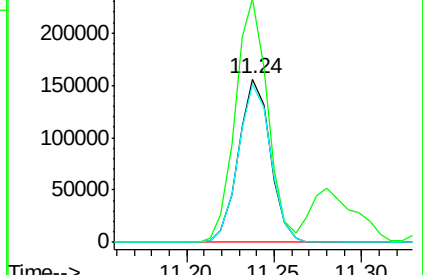
158 98.8 0.0 199.0



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: 47.048 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017300.D

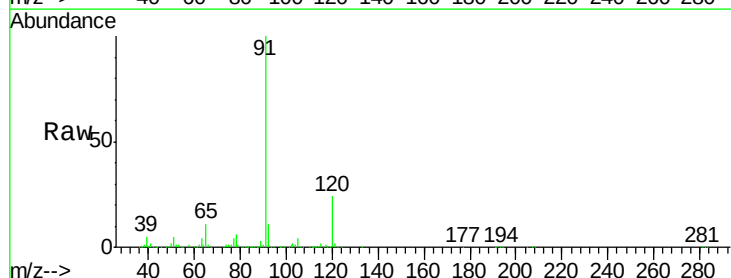
Acq: 09 Jul 2020 11:15

Tgt Ion: 91 Resp: 852072

Ion Ratio Lower Upper

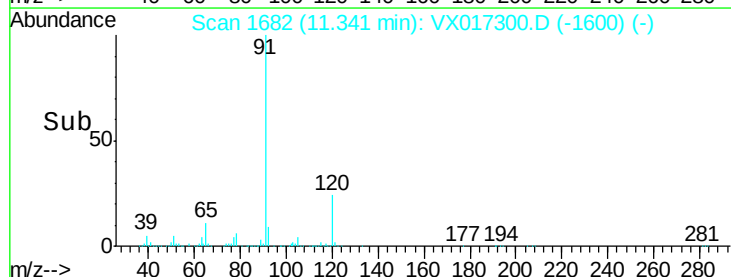
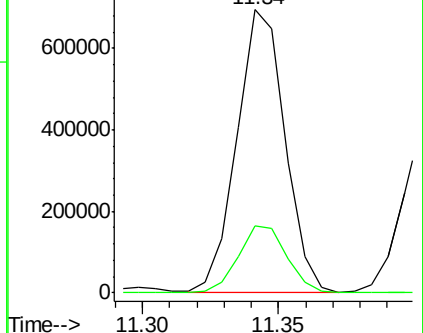
91 100

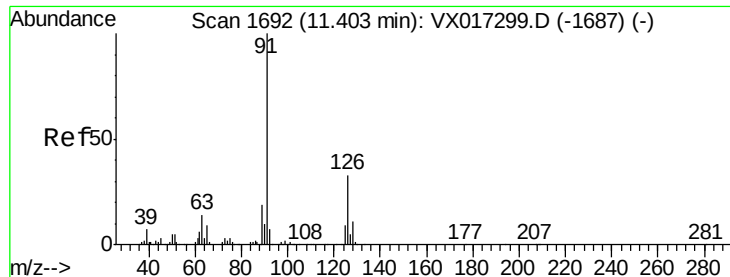
120 23.9 0.0 48.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 47.769 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

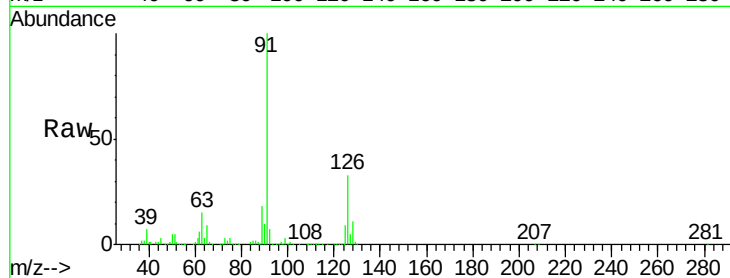
VSTDIC050

Tgt Ion: 91 Resp: 510627

Ion Ratio Lower Upper

91 100

126 34.5 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VX017299.D (-1687) (-)

Ion 126.00 (125.70 to 126.70): VX017299.D (-1687) (-)

800000

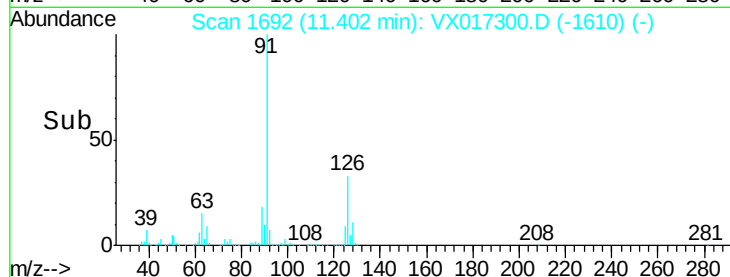
600000

400000

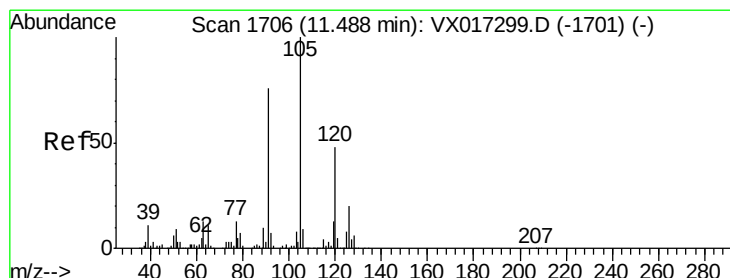
200000

0

11.35 11.40 11.45



Time-->



#76

1,3,5-Trimethylbenzene

Concen: 48.728 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX017300.D

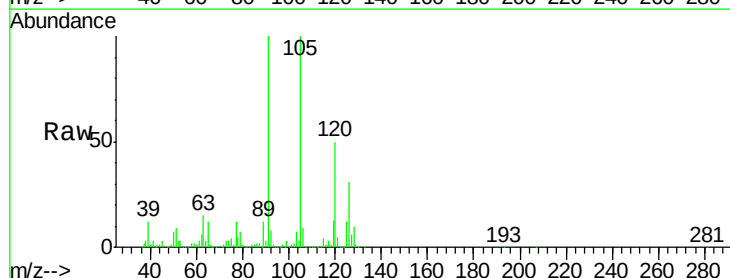
Acq: 09 Jul 2020 11:15

Tgt Ion: 105 Resp: 630171

Ion Ratio Lower Upper

105 100

120 49.3 0.0 98.8



Abundance Ion 105.00 (104.70 to 105.70): VX017299.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX017299.D (-1701) (-)

600000

500000

400000

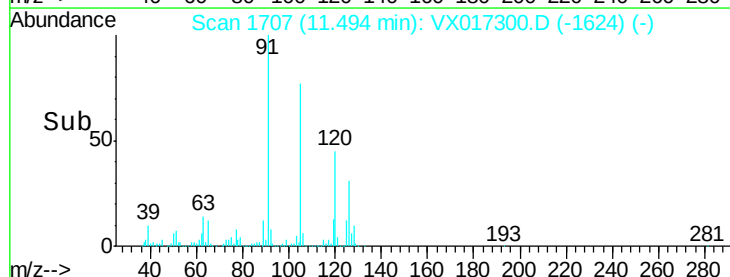
300000

200000

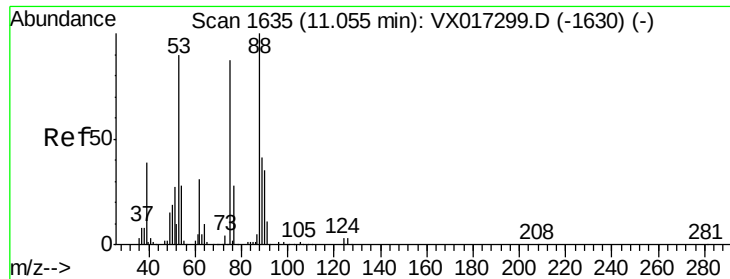
100000

0

11.45 11.50 11.55



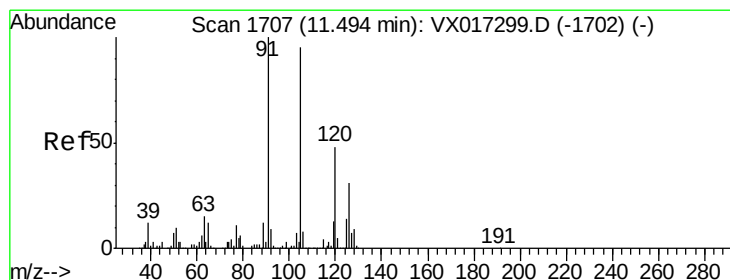
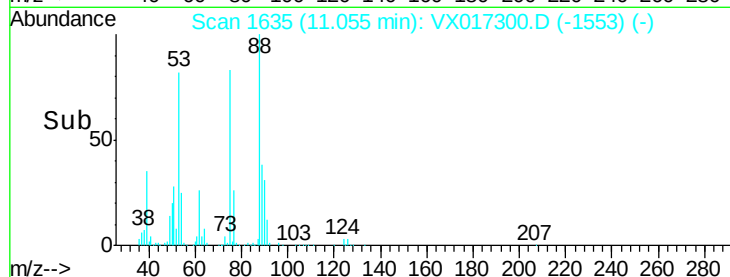
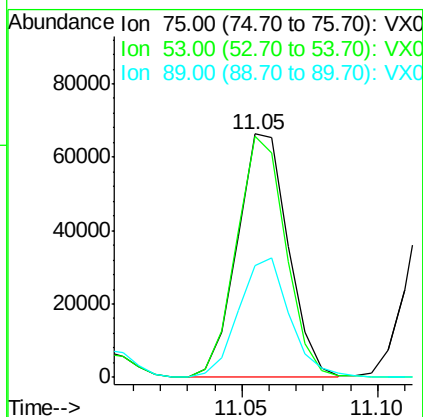
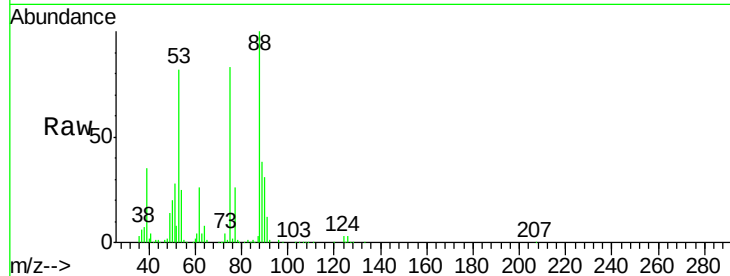
Time-->



#77
 t-1,4-Dichloro-2-butene
 Concen: 46.969 ug/l
 RT: 11.05 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VX017300.D
 Acq: 09 Jul 2020 11:15

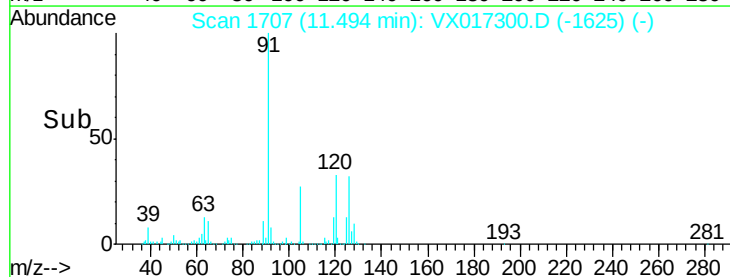
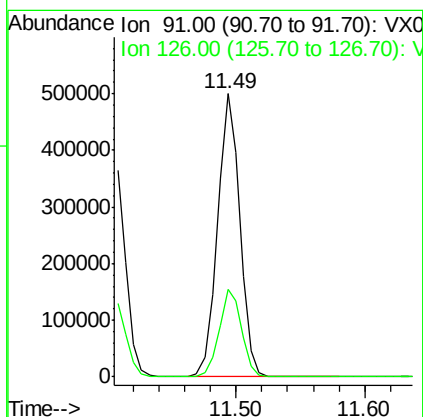
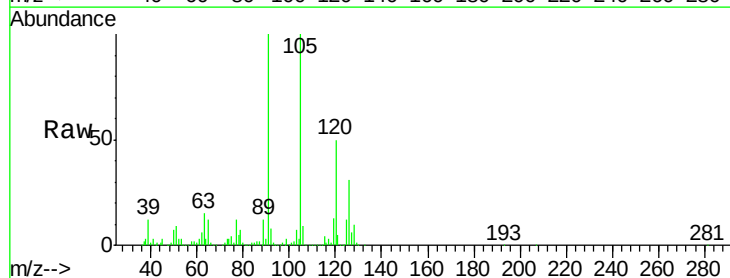
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

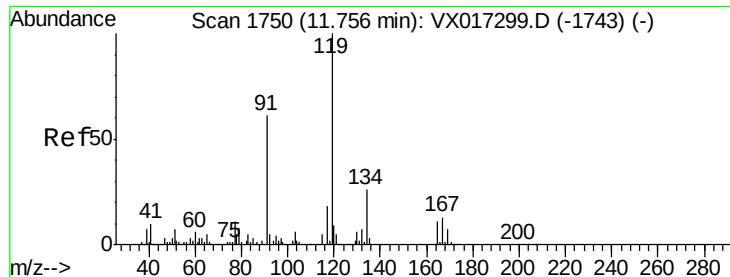
Tgt Ion: 75 Resp: 85942
 Ion Ratio Lower Upper
 75 100
 53 99.4 52.1 156.3
 89 45.8 23.7 71.1



#78
 4-Chlorotoluene
 Concen: 48.227 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX017300.D
 Acq: 09 Jul 2020 11:15

Tgt Ion: 91 Resp: 609210
 Ion Ratio Lower Upper
 91 100
 126 30.8 0.0 61.2

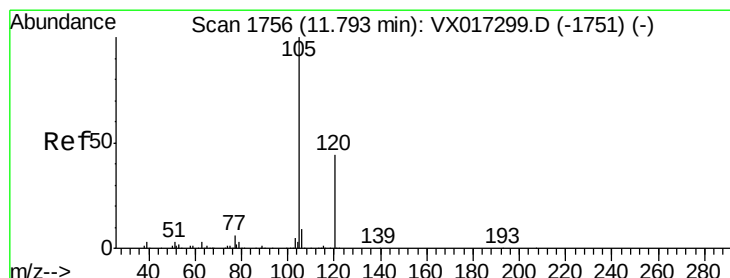
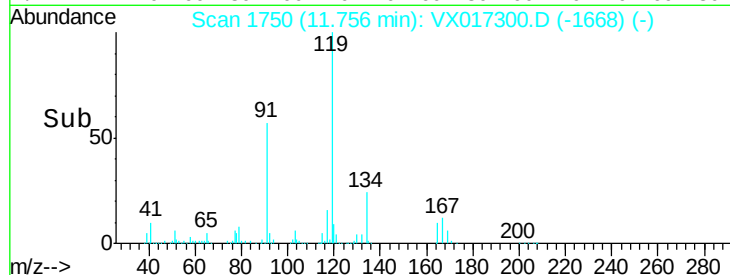
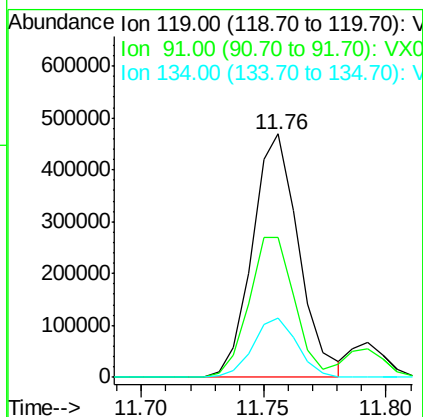
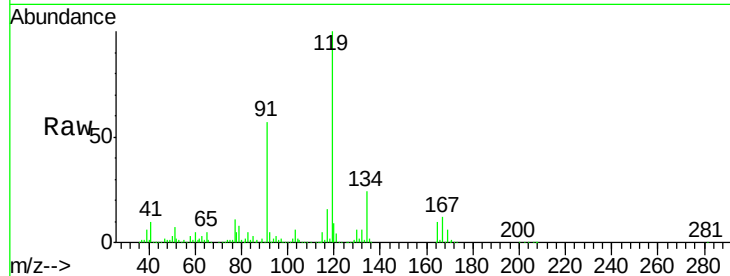




#79
tert-butylbenzene
Concen: 50.269 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

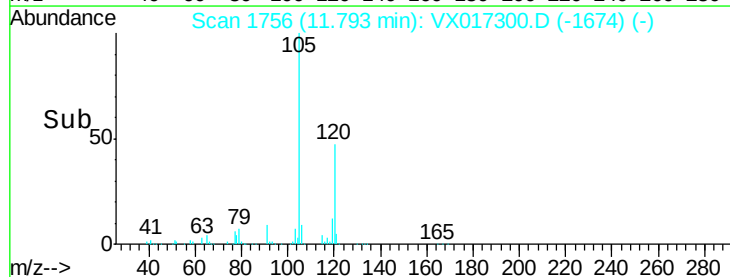
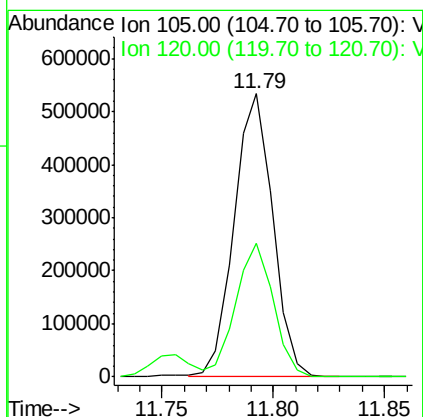
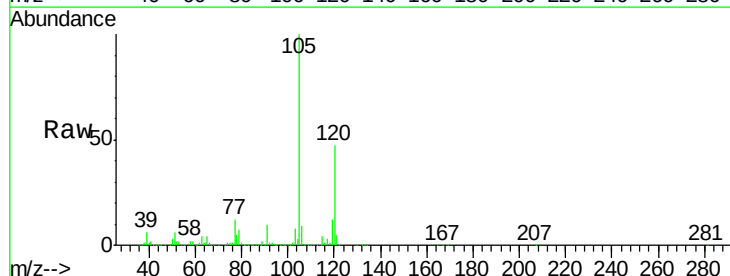
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

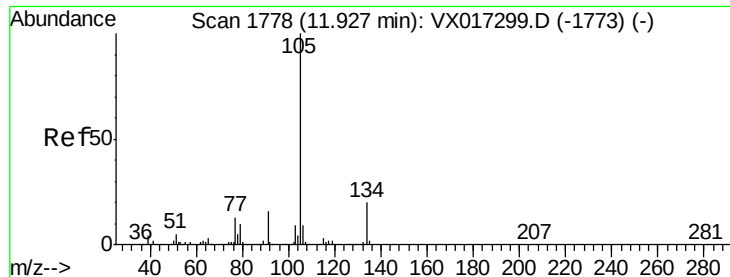
Tgt Ion:119 Resp: 621663
Ion Ratio Lower Upper
119 100
91 56.2 0.0 113.6
134 23.3 0.0 48.0



#80
1,2,4-Trimethylbenzene
Concen: 49.609 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

Tgt Ion:105 Resp: 643673
Ion Ratio Lower Upper
105 100
120 45.9 0.0 93.6

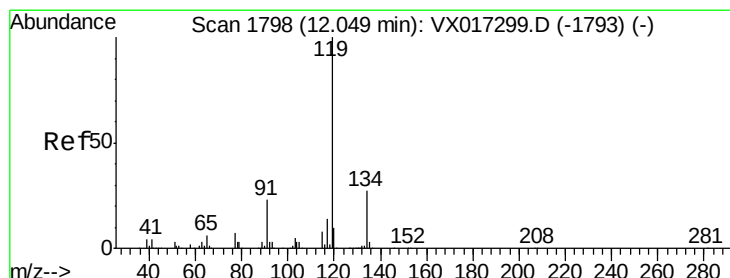
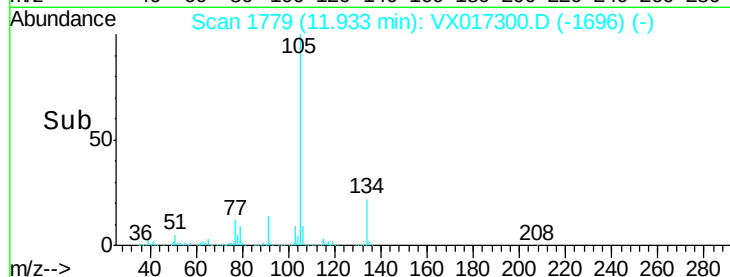
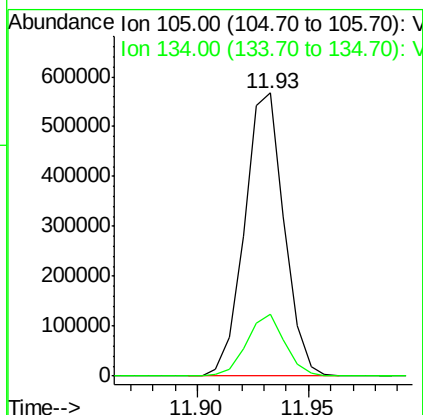
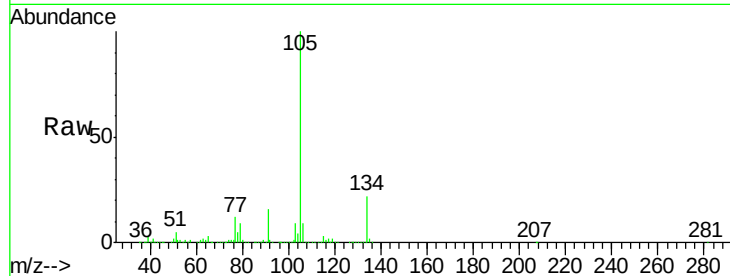




#81
 sec-Butylbenzene
 Concen: 47.259 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX017300.D
 Acq: 09 Jul 2020 11:15

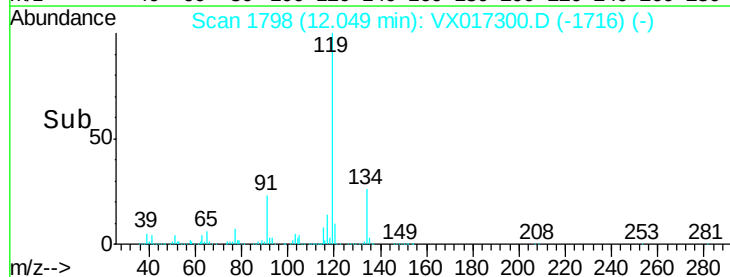
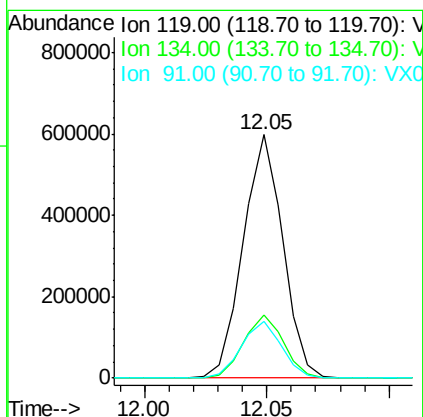
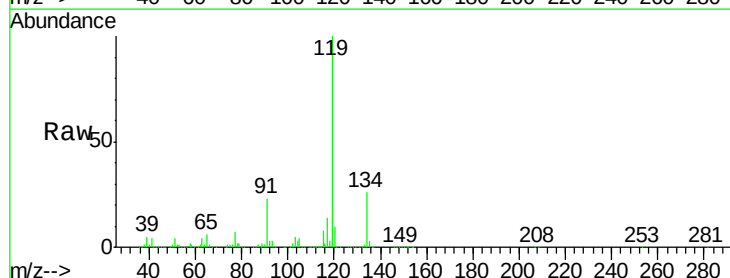
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

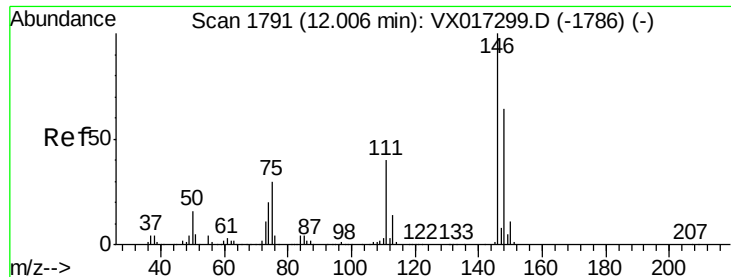
Tgt Ion:105 Resp: 703559
 Ion Ratio Lower Upper
 105 100
 134 21.1 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 49.834 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017300.D
 Acq: 09 Jul 2020 11:15

Tgt Ion:119 Resp: 674823
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 53.6
 91 23.6 0.0 48.0

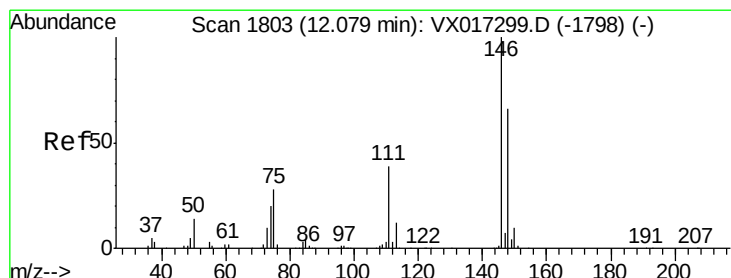
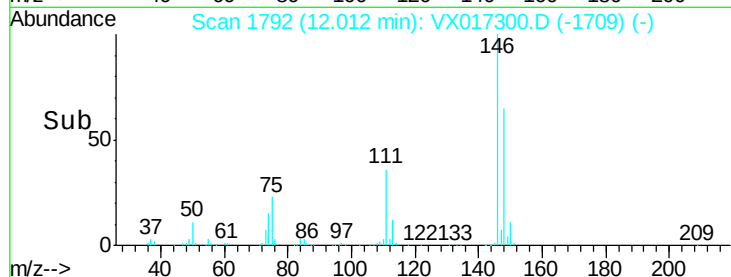
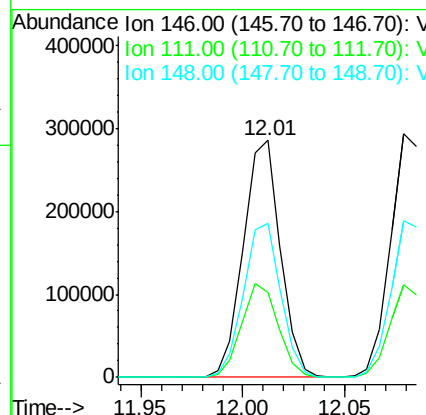
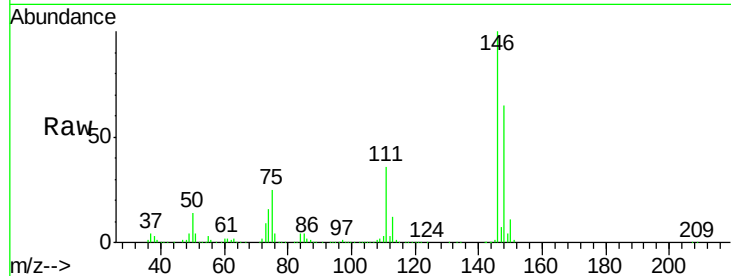




#83
 1,3-Dichlorobenzene
 Concen: 50.994 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX017300.D
 Acq: 09 Jul 2020 11:15

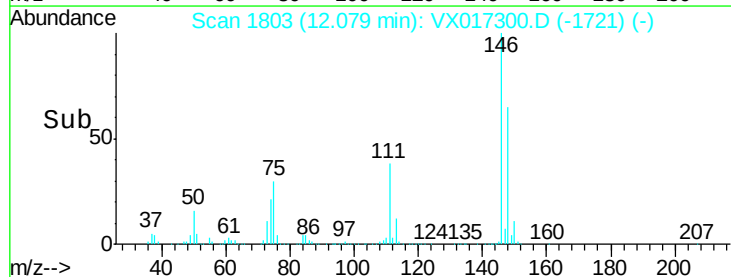
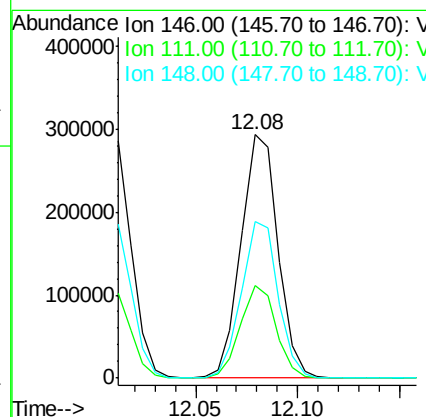
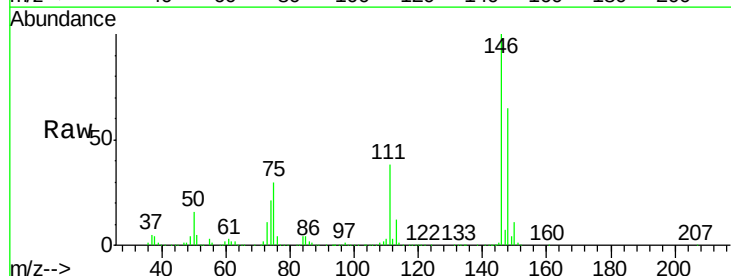
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

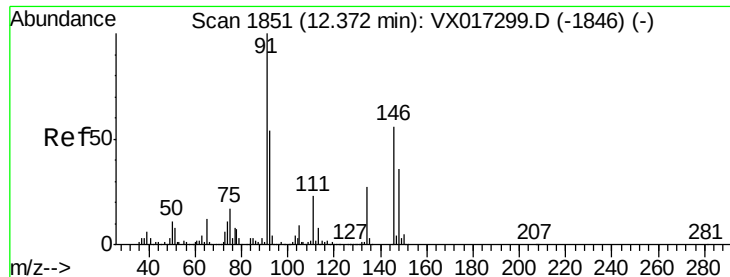
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.5	58.5
148	65.2	31.8	95.3



#84
 1,4-Dichlorobenzene
 Concen: 51.952 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017300.D
 Acq: 09 Jul 2020 11:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.1	57.3
148	64.2	32.6	97.8





#85

n-Butylbenzene

Concen: 46.332 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

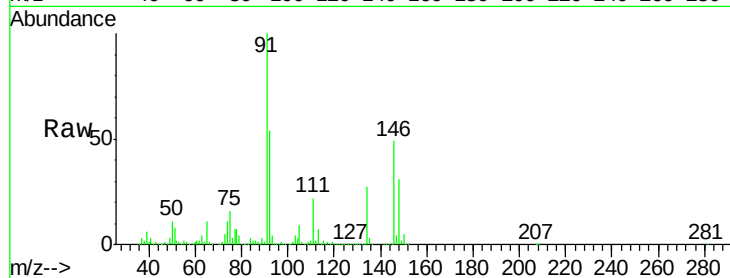
Tgt Ion: 91 Resp: 572395

Ion Ratio Lower Upper

91 100

92 53.9 0.0 108.2

134 27.5 0.0 54.2



Abundance Ion 91.00 (90.70 to 91.70): VX017299.D (-1846) (-)

Ion 92.00 (91.70 to 92.70): VX017299.D (-1846) (-)

Ion 134.00 (133.70 to 134.70): VX017299.D (-1846) (-)

12.37

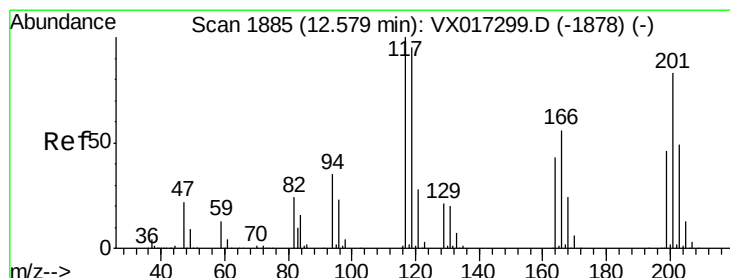
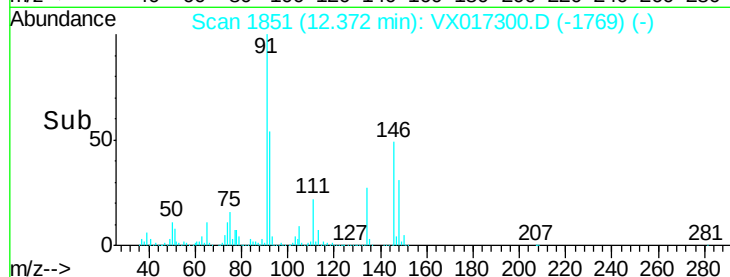
400000

200000

0

12.35 12.40

Time-->



#86

Hexachloroethane

Concen: 48.925 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017300.D

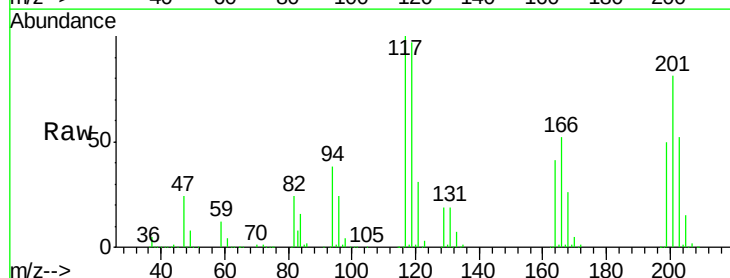
Acq: 09 Jul 2020 11:15

Tgt Ion: 117 Resp: 128869

Ion Ratio Lower Upper

117 100

201 81.2 41.0 123.0



Abundance Ion 117.00 (116.70 to 117.70): VX017299.D (-1878) (-)

Ion 201.00 (200.70 to 201.70): VX017299.D (-1878) (-)

120000

100000

80000

60000

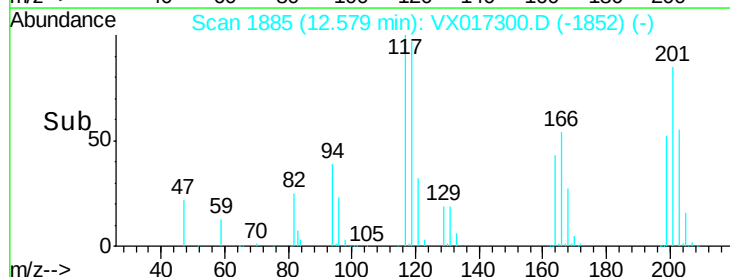
40000

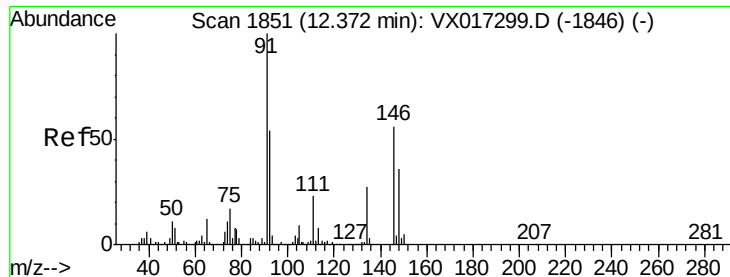
20000

0

12.55 12.60

Time-->

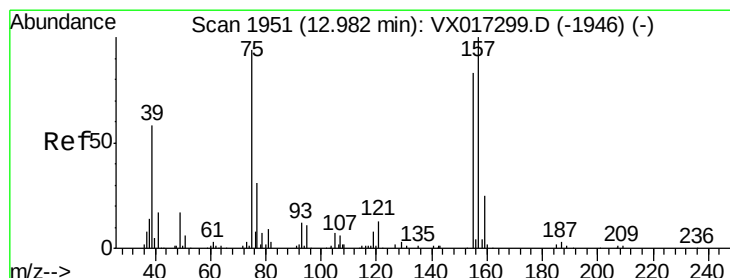
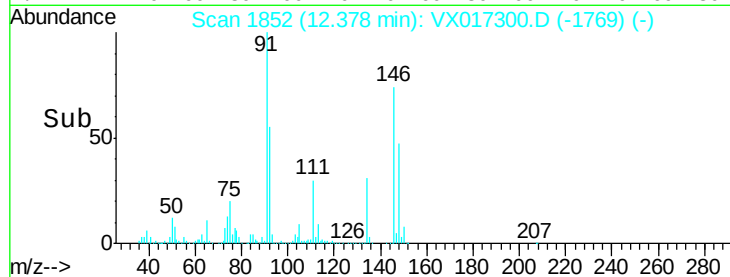
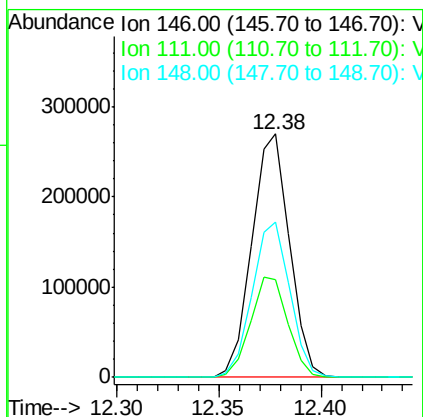
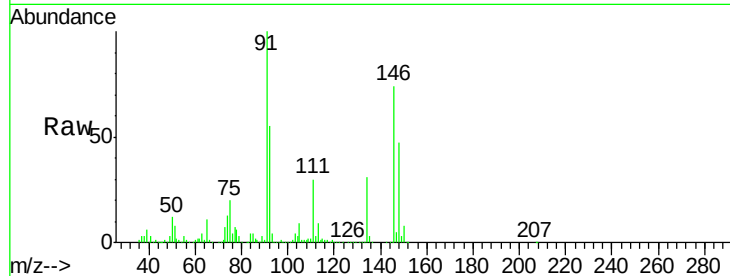




#87
 1,2-Dichlorobenzene
 Concen: 52.293 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX017300.D
 Acq: 09 Jul 2020 11:15

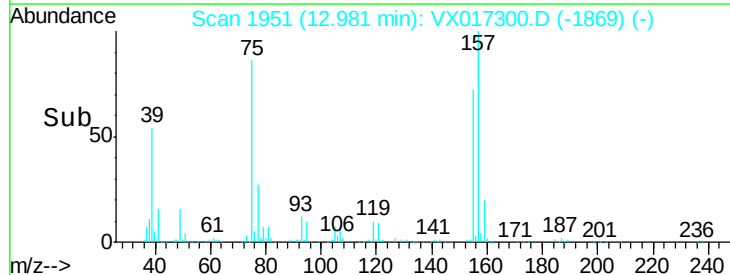
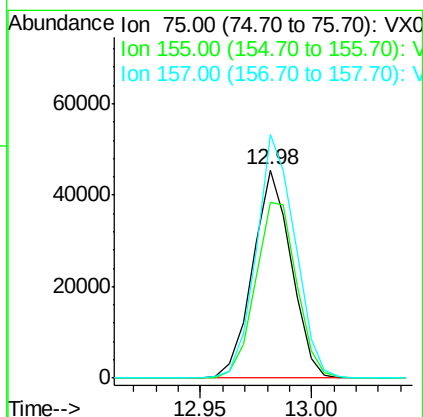
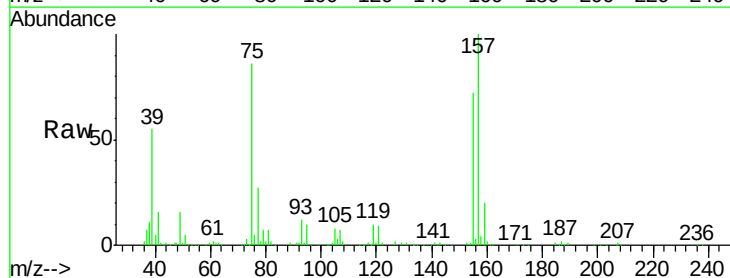
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

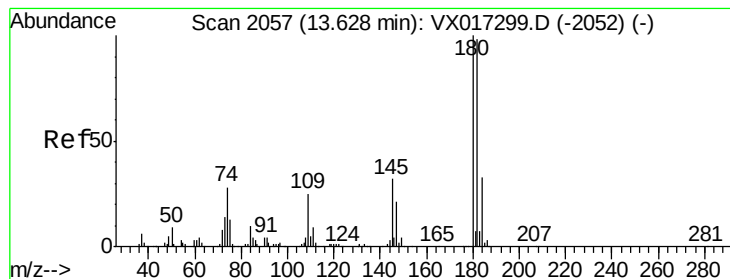
Tgt Ion: 146 Resp: 346309
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.9
 148 63.7 31.6 94.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 50.602 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017300.D
 Acq: 09 Jul 2020 11:15

Tgt Ion: 75 Resp: 54815
 Ion Ratio Lower Upper
 75 100
 155 90.5 73.4 110.0
 157 117.9 90.5 135.7





#89

1,2,4-Trichlorobenzene

Concen: 51.372 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

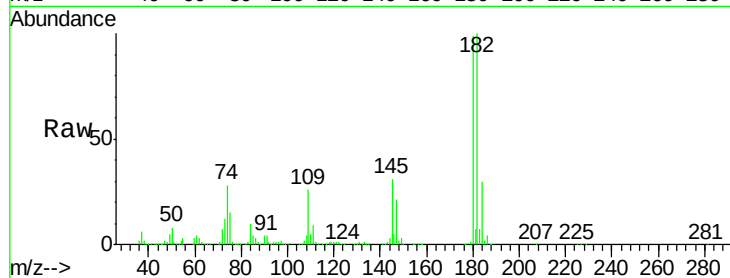
Tgt Ion:180 Resp: 230030

Ion Ratio Lower Upper

180 100

182 97.7 77.8 116.8

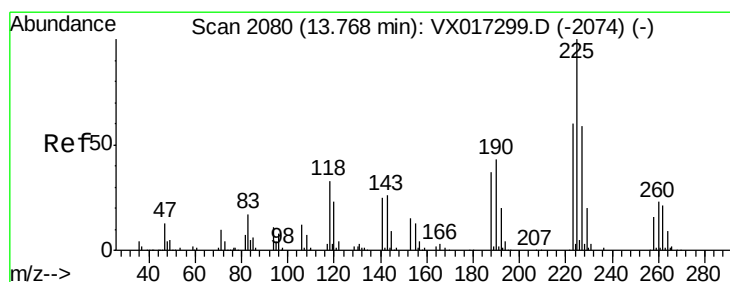
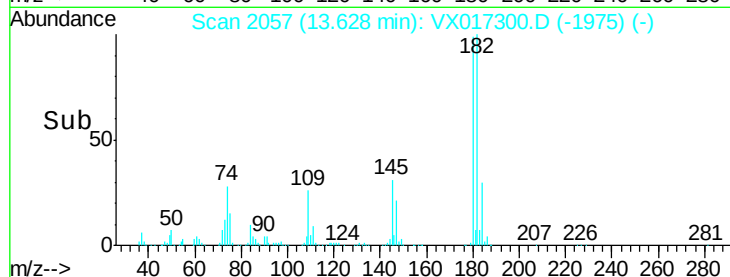
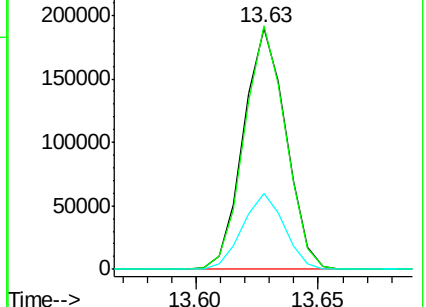
145 31.2 25.0 37.4



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



#90

Hexachlorobutadiene

Concen: 53.884 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX017300.D

Acq: 09 Jul 2020 11:15

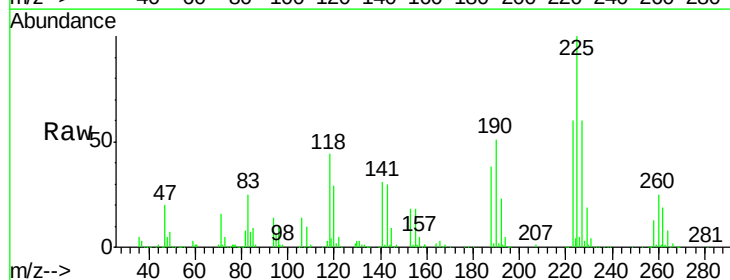
Tgt Ion:225 Resp: 93562

Ion Ratio Lower Upper

225 100

223 62.6 0.0 129.0

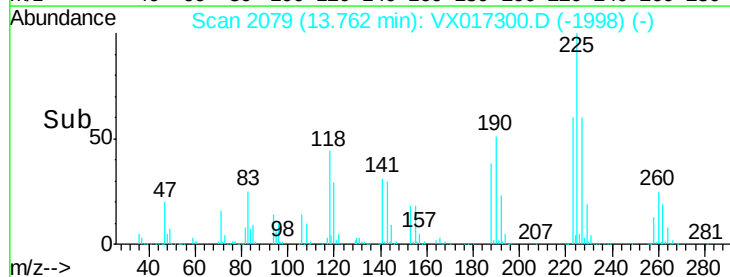
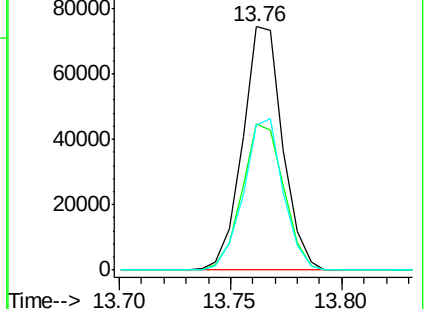
227 60.9 0.0 124.4

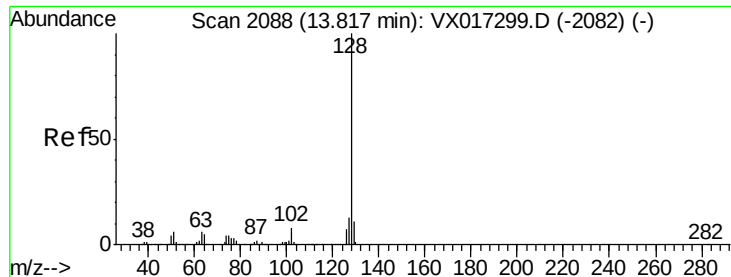


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

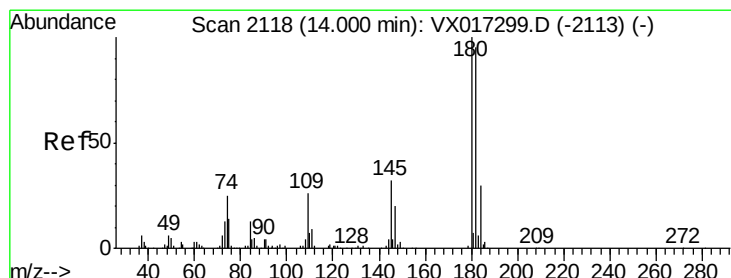
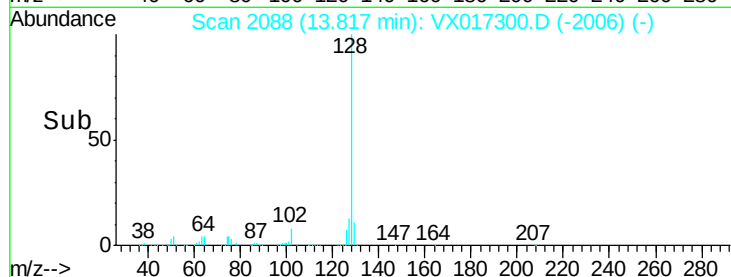
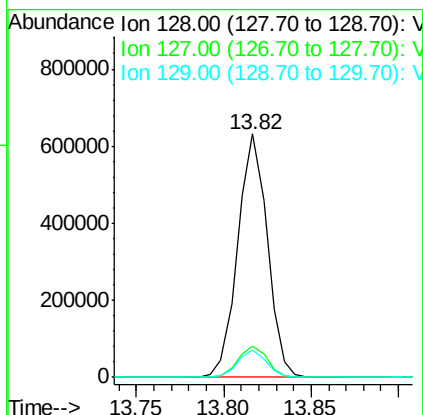
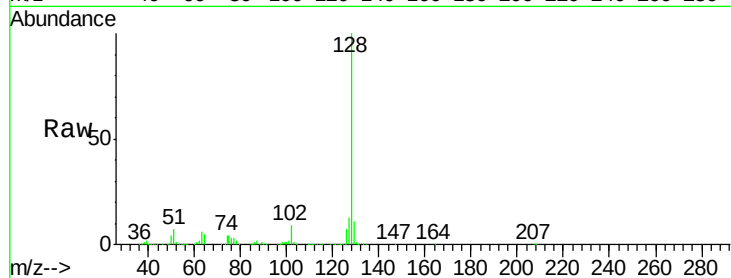




#91
Naphthalene
Concen: 51.540 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 743354
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 53.165 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017300.D
Acq: 09 Jul 2020 11:15

Tgt Ion:180 Resp: 233627
Ion Ratio Lower Upper
180 100
182 93.7 0.0 185.6
145 31.9 0.0 63.0

