

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070920\
 Data File : VX017299.D
 Acq On : 09 Jul 2020 10:52
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: Jul 09 11:42:09 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	52143	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	270918	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	254730	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	112687	28.22	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.07%
60) 4-Bromofluorobenzene	11.12	95	129652	30.26	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.87%
63) Toluene-d8	8.70	98	333230	29.76	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	43570	17.197	ug/l 100
3) Chloromethane	1.31	50	45663	14.201	ug/l 100
4) Vinyl Chloride	1.39	62	45706	13.914	ug/l 100
5) Bromomethane	1.64	94	34125	14.573	ug/l 100
6) Chloroethane	1.72	64	31281	14.635	ug/l 100
7) Trichlorofluoromethane	1.92	101	86765	15.821	ug/l 100
8) Diethyl Ether	2.17	74	29651	15.026	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46578	15.973	ug/l 100
10) 1,1-Dichloroethene	2.36	96	44097	15.472	ug/l 100
11) Methyl Iodide	2.50	142	45170	11.978	ug/l 100
12) Methyl Acetate	2.75	43	63238	17.215	ug/l 100
13) Acrolein	2.28	56	42605	74.969	ug/l 100
14) Acrylonitrile	3.12	53	141695	82.558	ug/l 100
15) Acetone	2.42	58	34178	77.583	ug/l 100
16) Carbon Disulfide	2.55	76	127341	14.371	ug/l 100
17) Allyl chloride	2.71	41	80970	15.301	ug/l 100
18) Methylene Chloride	2.84	84	54897	15.890	ug/l 100
19) trans-1,2-Dichloroethene	3.14	96	54432	16.592	ug/l 100
20) Diisopropyl ether	3.82	45	169749	15.837	ug/l 100
21) 1,1-Dichloroethane	3.67	63	94091	15.938	ug/l 100
22) cis-1,2-Dichloroethene	4.56	96	59362	16.337	ug/l 100
23) tert-Butyl Alcohol	3.01	59	56854	75.821	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	169310	16.455	ug/l 100
25) Chloroform	5.18	83	100215	16.592	ug/l 100
26) Cyclohexane	5.54	56	75532	14.849	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	70871	16.573	ug/l 100
30) 2-Butanone	4.64	43	193170	86.525	ug/l 100
31) 2,2-Dichloropropane	4.56	77	87864	17.749	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	92135	17.611	ug/l 100
33) Carbon Tetrachloride	5.76	117	84870	18.171	ug/l 100
34) Benzene	6.11	78	208488	16.771	ug/l 100
35) Methacrylonitrile	5.00	41	42043	17.076	ug/l 100
36) 1,2-Dichloroethane	6.16	62	82160	17.151	ug/l 100
37) Trichloroethene	7.19	130	62846	18.230	ug/l 100
38) Methylcyclohexane	7.45	83	74911	15.501	ug/l 100
39) 1,2-Dichloropropane	7.49	63	53852	16.594	ug/l 100
40) Dibromomethane	7.64	93	38458	17.131	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	80516	17.312	ug/l	100
42) Vinyl Acetate	3.79	43	725651	81.320	ug/l	100
43) Ethyl Acetate	4.79	43	76472	16.631	ug/l	100
44) Isopropyl Acetate	6.42	43	122305	16.154	ug/l	100
45) 1,4-Dioxane	7.71	88	22430	300.368	ug/l	100
46) Methyl methacrylate	7.74	41	59627	16.893	ug/l	100
47) n-amyl Acetate	10.88	43	102184	15.282	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	85119	16.517	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	92721	17.150	ug/l	100
50) 1,1,2-Trichloroethane	9.20	97	57019	17.951	ug/l	100
51) Ethyl methacrylate	9.16	69	79282	16.522	ug/l	100
52) 1,3-Dichloropropane	9.35	76	93731	17.474	ug/l	100
53) Dibromochloromethane	9.56	129	68144	18.491	ug/l	100
54) 1,2-Dibromoethane	9.65	107	60212	17.871	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	213488	84.453	ug/l	100
56) Bromoform	10.84	173	51016	19.198	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	388011	85.241	ug/l	100
59) 2-Hexanone	9.47	43	292215	85.838	ug/l	100
61) Tetrachloroethene	9.32	164	63114	19.354	ug/l	100
62) Toluene	8.76	91	230193	17.011	ug/l	100
64) Chlorobenzene	10.12	112	149106	17.409	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	59980	18.441	ug/l	100
66) Ethyl Benzene	10.23	91	251342	16.738	ug/l	100
67) m/p-Xylenes	10.34	106	196668	34.443	ug/l	100
68) o-Xylene	10.68	106	90043	16.580	ug/l	100
69) Styrene	10.70	104	159750	16.976	ug/l	100
70) Isopropylbenzene	11.00	105	254356	17.085	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	80272	17.495	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	101694	23.057	ug/l	87
73) Bromobenzene	11.24	156	71156	18.675	ug/l	100
74) n-propylbenzene	11.34	91	289751	16.497	ug/l	100
75) 2-Chlorotoluene	11.40	91	179465	17.311	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	217266	17.323	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	29197	16.453	ug/l	100
78) 4-Chlorotoluene	11.49	91	211089	17.230	ug/l	100
79) tert-butylbenzene	11.76	119	206804	17.243	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	219443	17.439	ug/l	100
81) sec-Butylbenzene	11.93	105	240162	16.634	ug/l	100
82) p-Isopropyltoluene	12.05	119	226984	17.284	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	126989	18.551	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	127073	18.482	ug/l	100
85) n-Butylbenzene	12.37	91	190264	15.880	ug/l	100
86) Hexachloroethane	12.58	117	43246	16.929	ug/l	100
87) 1,2-Dichlorobenzene	12.37	146	121172	18.866	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	19260	18.333	ug/l	100
89) 1,2,4-Trichlorobenzene	13.63	180	79115	18.218	ug/l	100
90) Hexachlorobutadiene	13.77	225	33164	19.694	ug/l	100
91) Naphthalene	13.82	128	244343	17.468	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	81178	19.048	ug/l	100

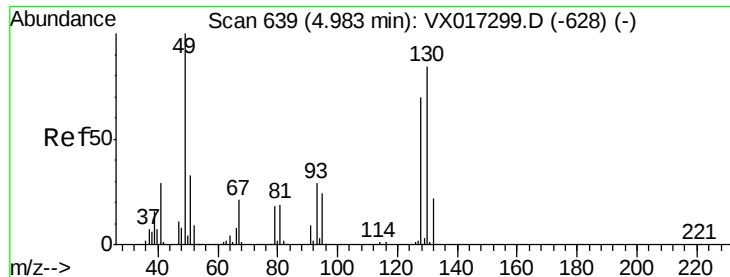
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

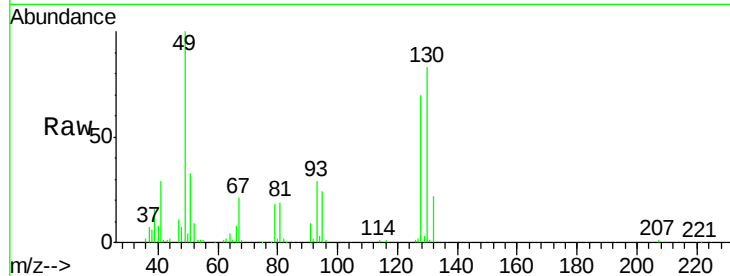
Tgt Ion:128 Resp: 52143

Ion Ratio Lower Upper

128 100

49 143.5 0.0 358.8

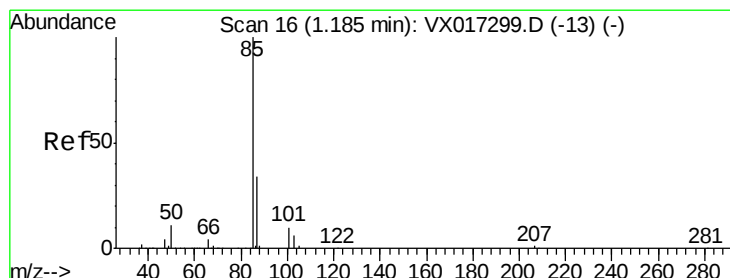
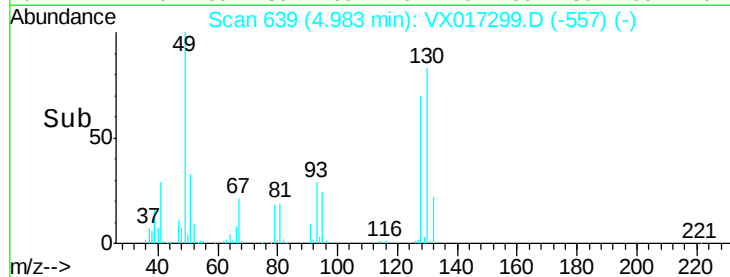
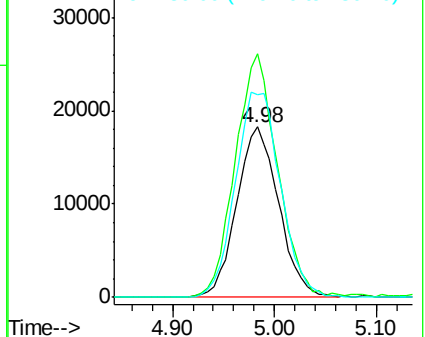
130 129.5 0.0 323.8



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: 17.197 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017299.D

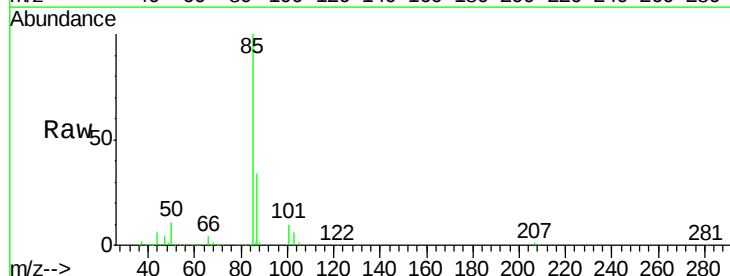
Acq: 09 Jul 2020 10:52

Tgt Ion: 85 Resp: 43570

Ion Ratio Lower Upper

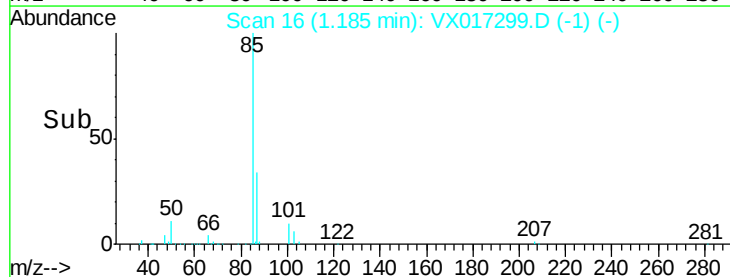
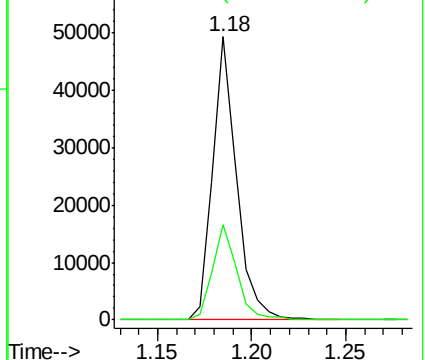
85 100

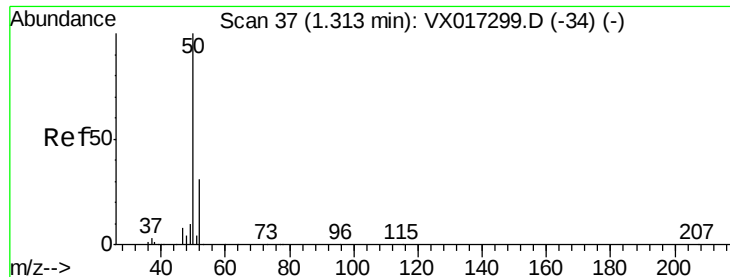
87 33.7 16.9 50.6



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

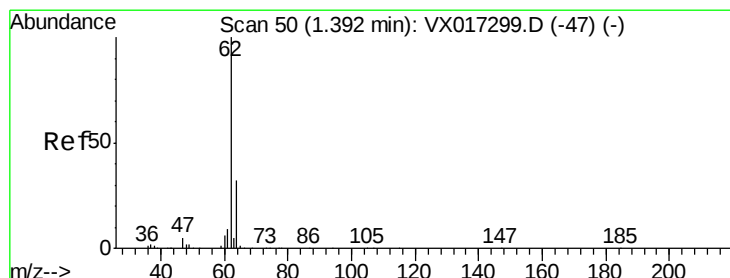
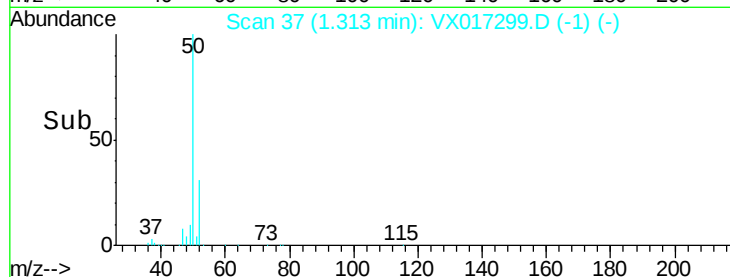
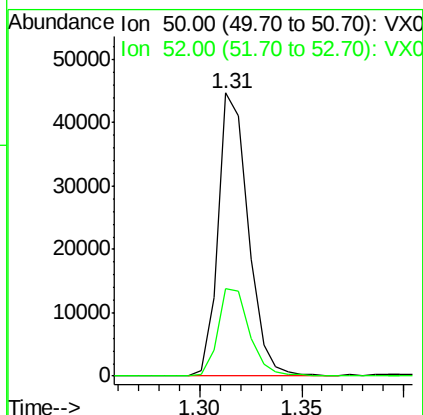
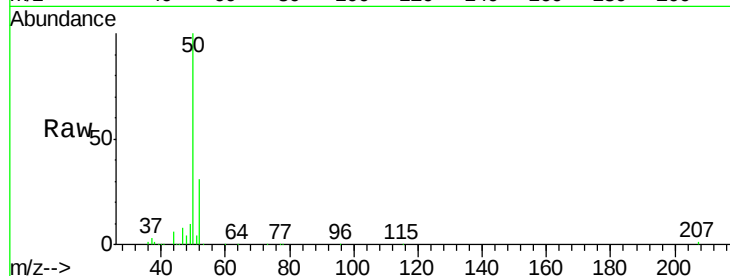




#3
Chloromethane
Concen: 14.201 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

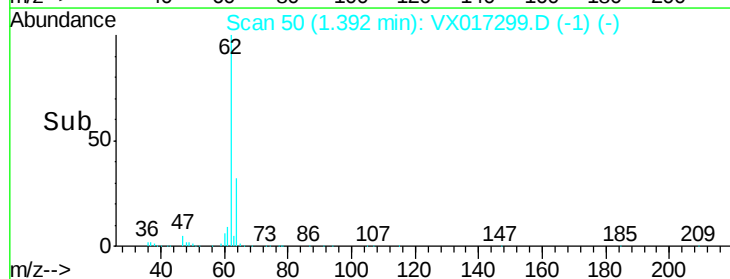
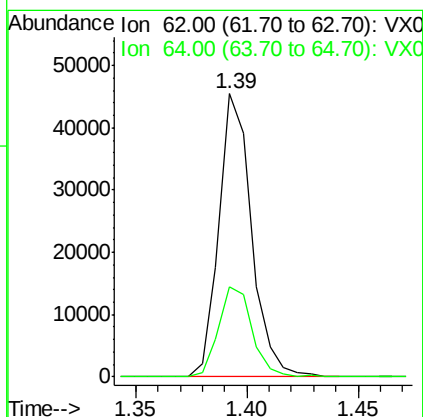
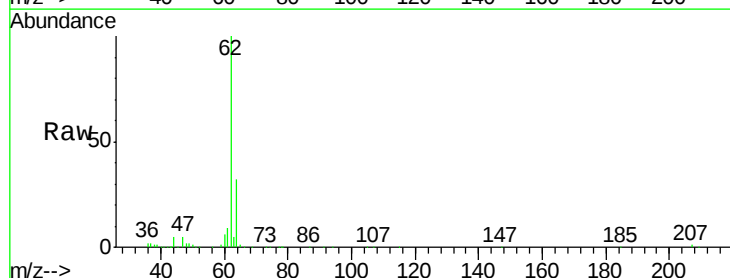
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

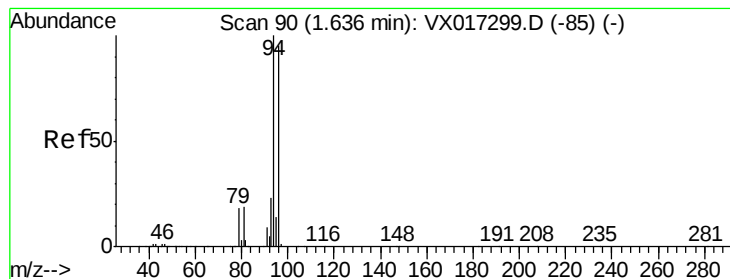
Tgt Ion: 50 Resp: 45663
Ion Ratio Lower Upper
50 100
52 31.0 24.8 37.2



#4
Vinyl Chloride
Concen: 13.914 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion: 62 Resp: 45706
Ion Ratio Lower Upper
62 100
64 31.6 25.3 37.9





#5

Bromomethane

Concen: 14.573 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

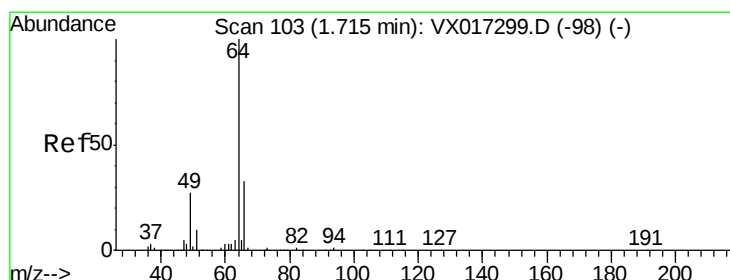
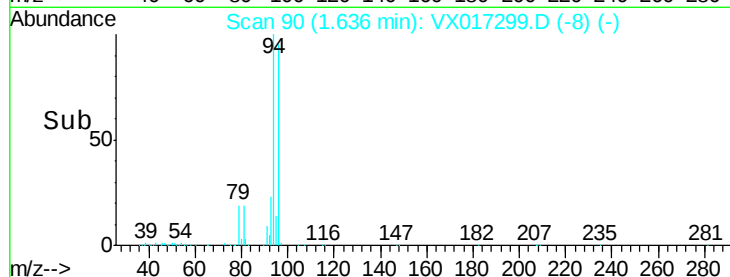
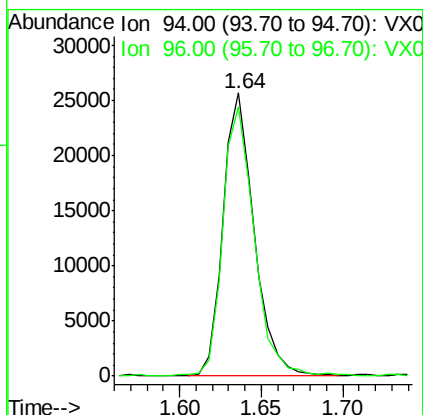
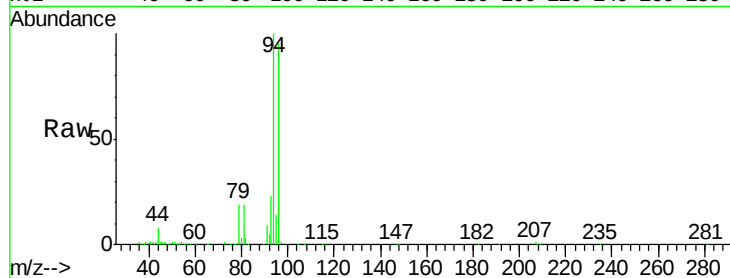
VSTDICCC020

Tgt Ion: 94 Resp: 34125

Ion Ratio Lower Upper

94 100

96 94.6 75.7 113.5



#6

Chloroethane

Concen: 14.635 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX017299.D

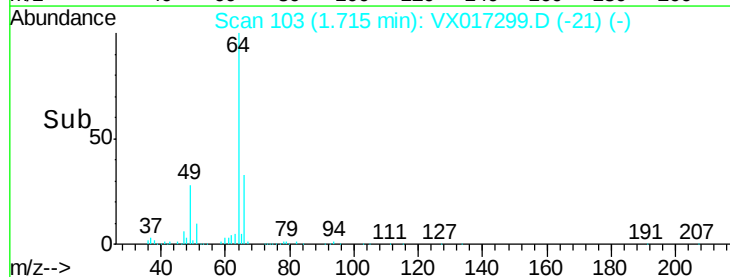
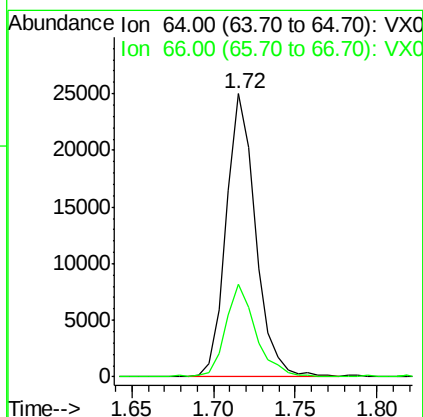
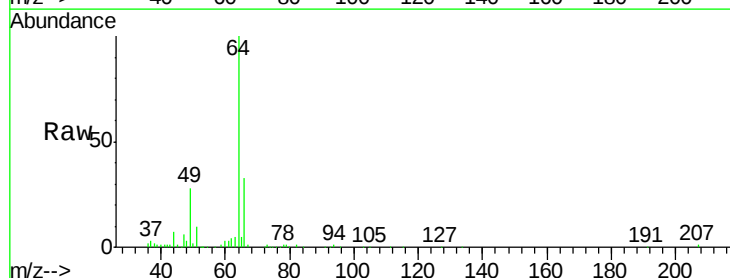
Acq: 09 Jul 2020 10:52

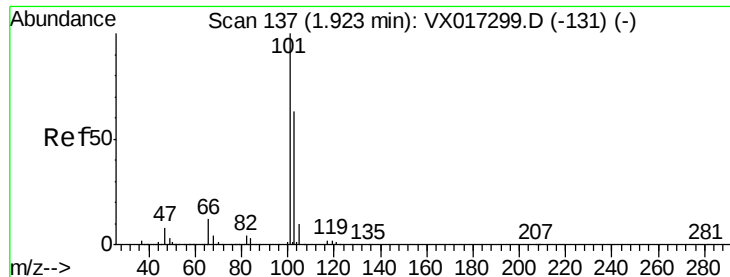
Tgt Ion: 64 Resp: 31281

Ion Ratio Lower Upper

64 100

66 32.6 26.1 39.1



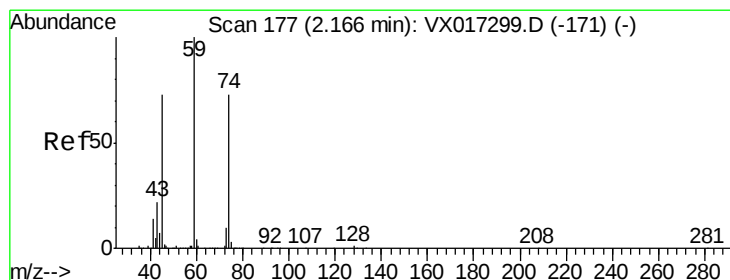
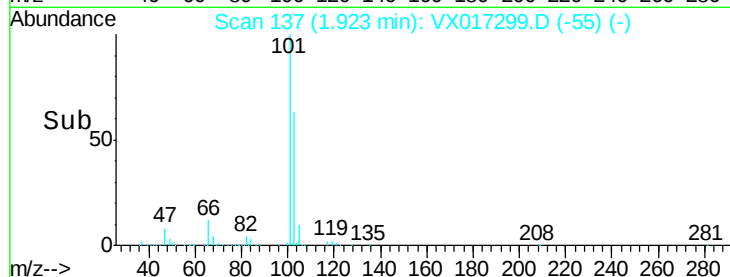
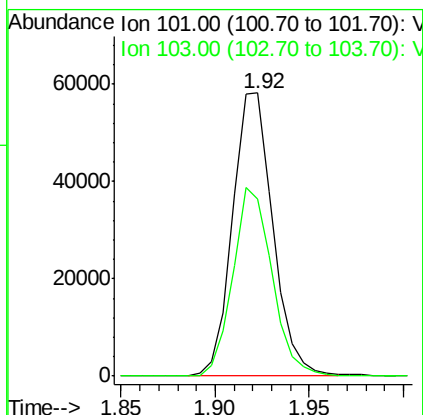
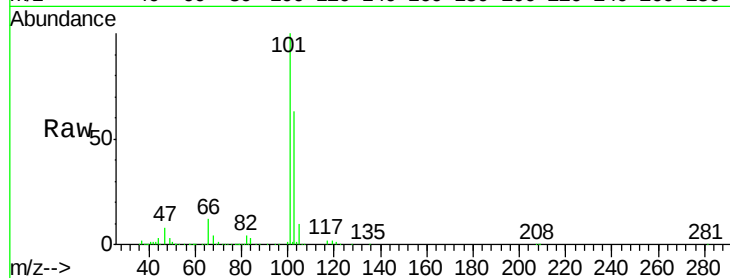


#7

Trichlorofluoromethane
 Concen: 15.821 ug/l
 RT: 1.92 min Scan# 137
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Instrument :
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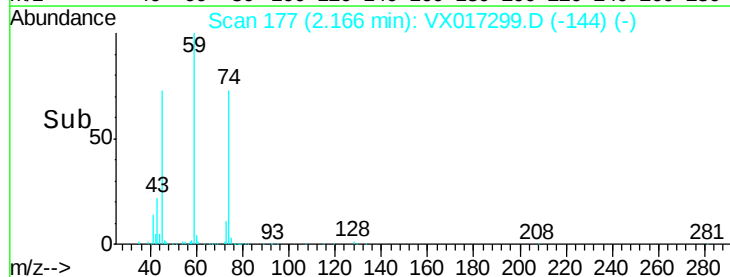
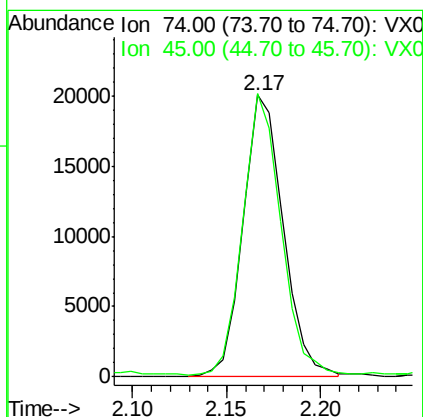
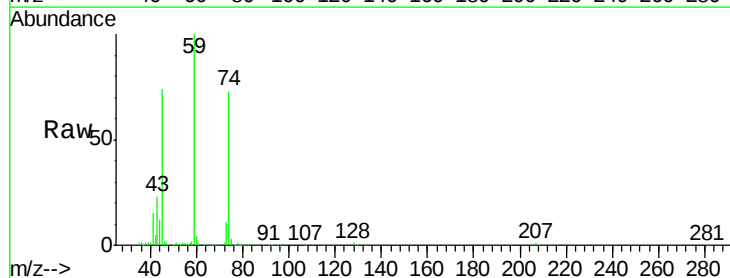
Tgt Ion: 101 Resp: 86765
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.1 75.1

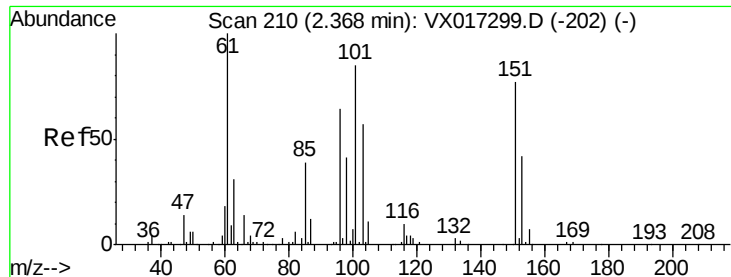


#8

Diethyl Ether
 Concen: 15.026 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion: 74 Resp: 29651
 Ion Ratio Lower Upper
 74 100
 45 94.7 18.9 170.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.973 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

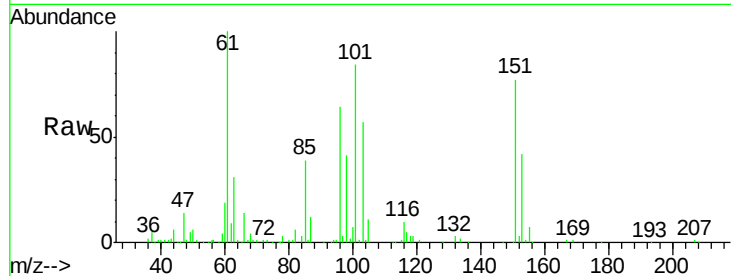
Tgt Ion:101 Resp: 46578

Ion Ratio Lower Upper

101 100

85 43.9 0.0 87.8

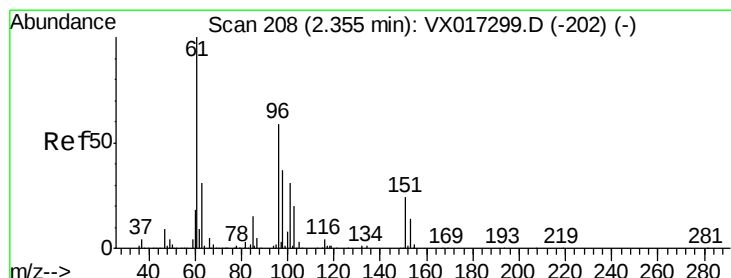
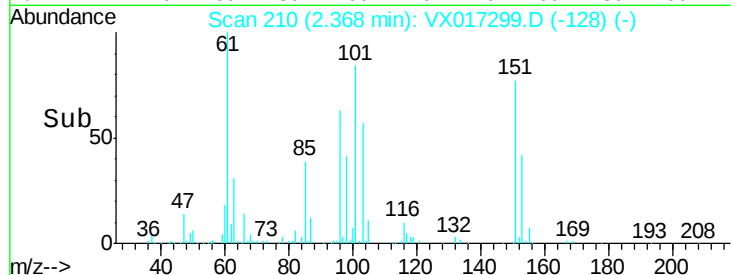
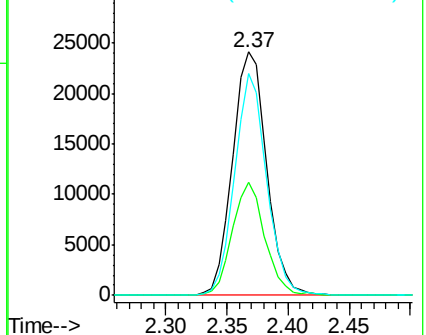
151 85.1 0.0 170.2



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: 15.472 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

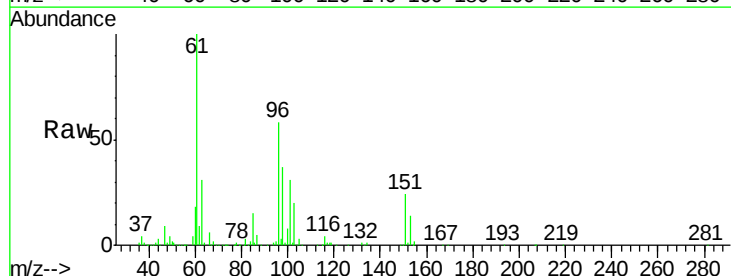
Tgt Ion: 96 Resp: 44097

Ion Ratio Lower Upper

96 100

61 171.2 137.0 205.4

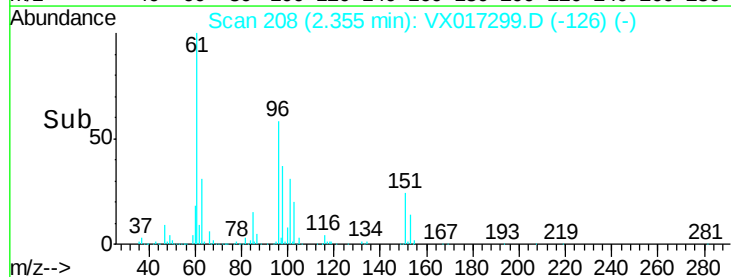
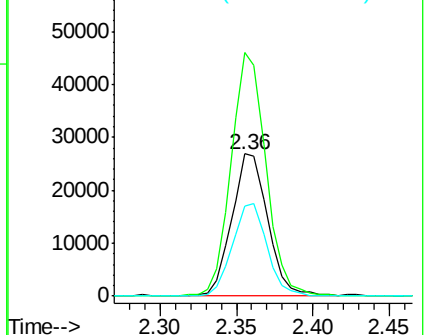
98 63.9 51.1 76.7

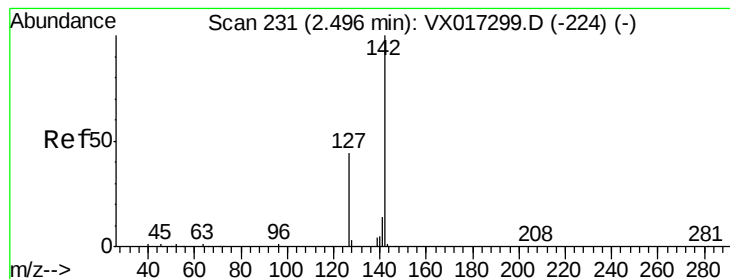


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methyl Iodide

Concen: 11.978 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

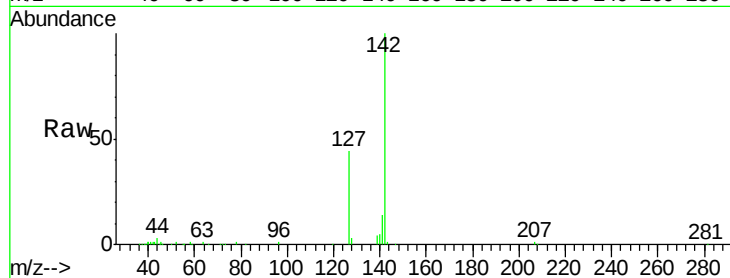
Tgt Ion:142 Resp: 45170

Ion Ratio Lower Upper

142 100

127 43.8 21.9 65.7

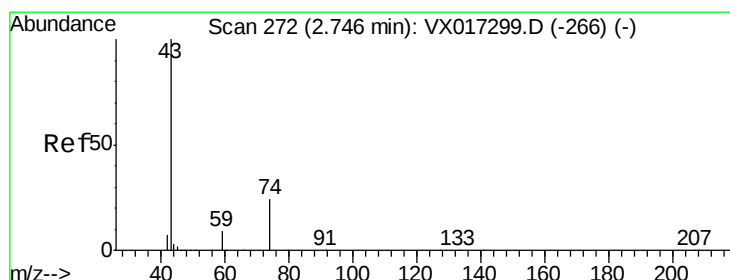
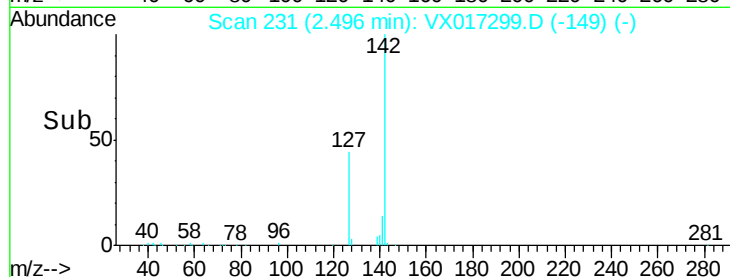
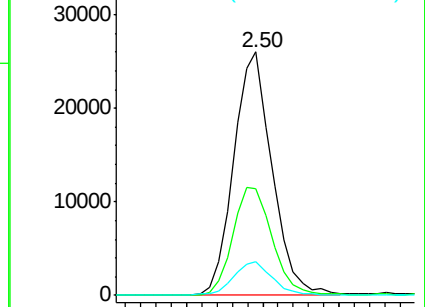
141 14.1 7.0 21.1



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 17.215 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX017299.D

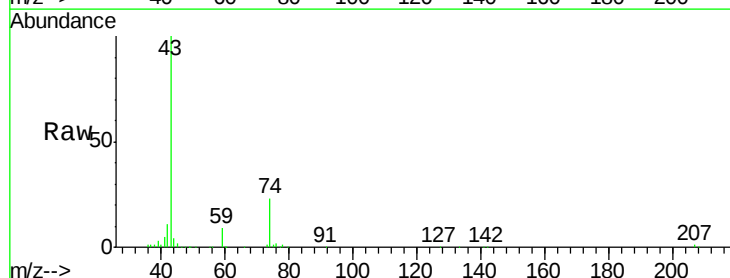
Acq: 09 Jul 2020 10:52

Tgt Ion: 43 Resp: 63238

Ion Ratio Lower Upper

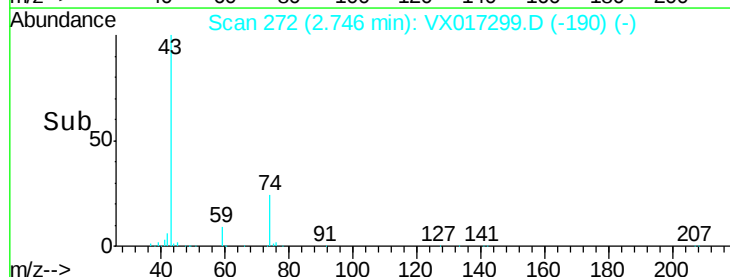
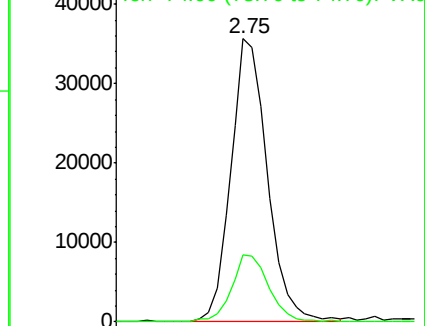
43 100

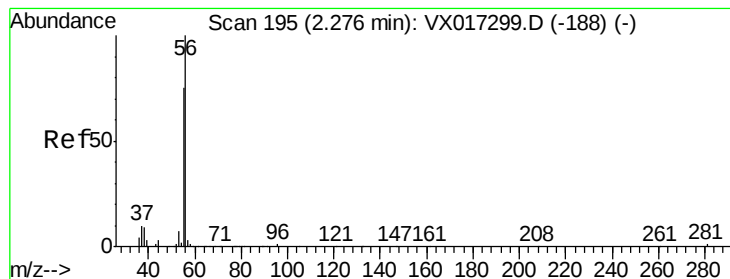
74 23.5 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 74.969 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

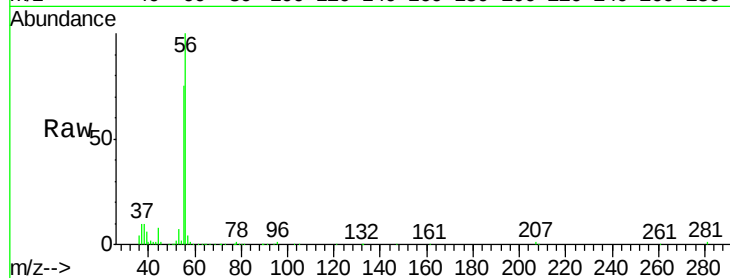
VSTDICCC020

Tgt Ion: 56 Resp: 42605

Ion Ratio Lower Upper

56 100

55 73.1 58.5 87.7

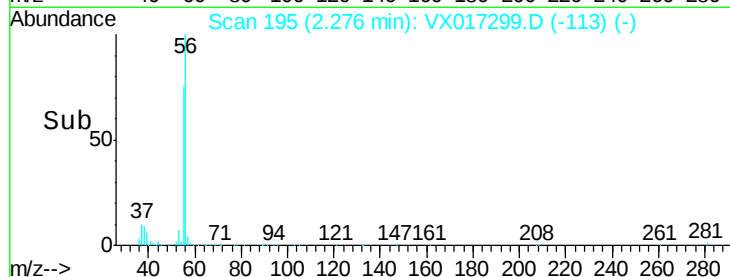


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

Time-->



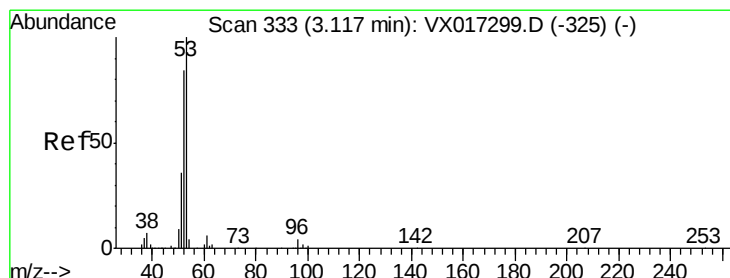
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

3.12

Time-->



#14

Acrylonitrile

Concen: 82.558 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

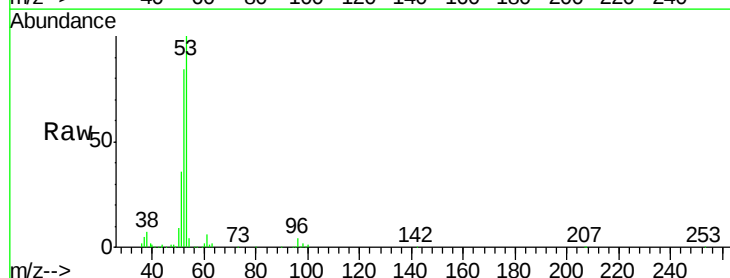
Tgt Ion: 53 Resp: 141695

Ion Ratio Lower Upper

53 100

52 82.6 41.3 123.9

51 36.1 18.1 54.1



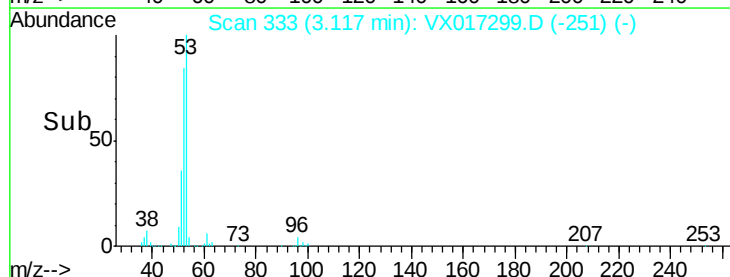
Abundance Ion 53.00 (52.70 to 53.70): VX0

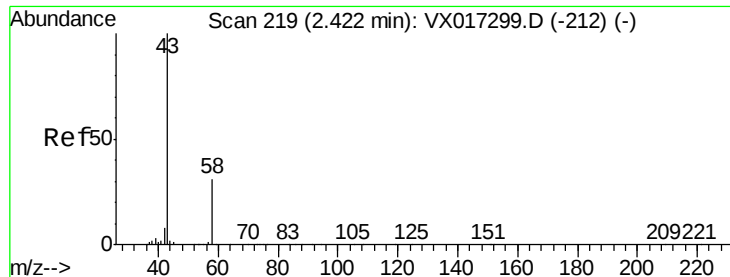
Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

3.12

Time-->





#15

Acetone

Concen: 77.583 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

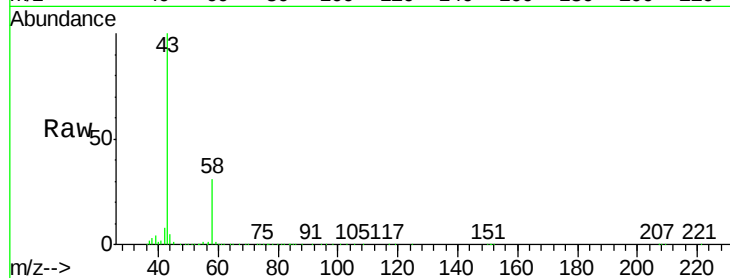
VSTDICCC020

Tgt Ion: 58 Resp: 34178

Ion Ratio Lower Upper

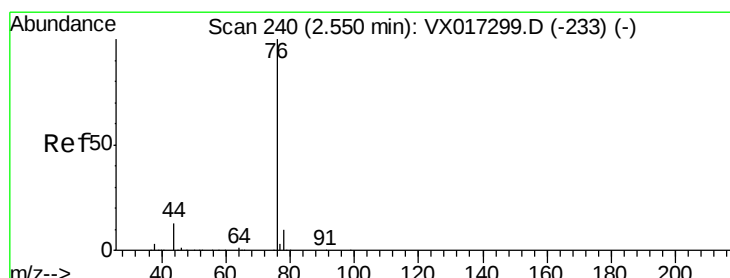
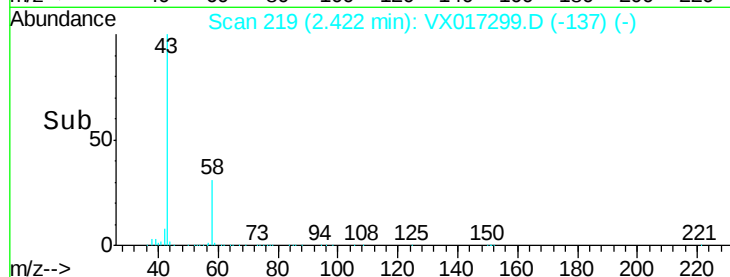
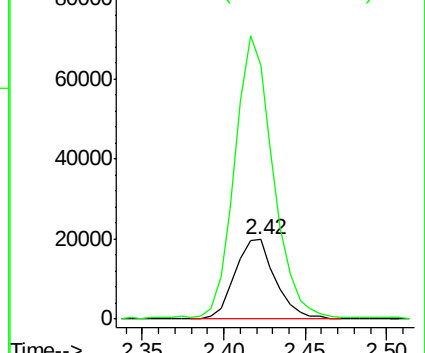
58 100

43 318.7 255.0 382.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 14.371 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017299.D

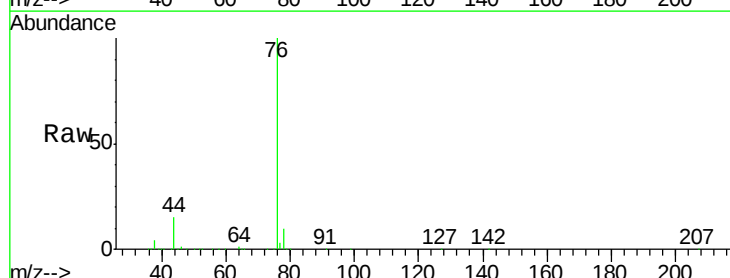
Acq: 09 Jul 2020 10:52

Tgt Ion: 76 Resp: 127341

Ion Ratio Lower Upper

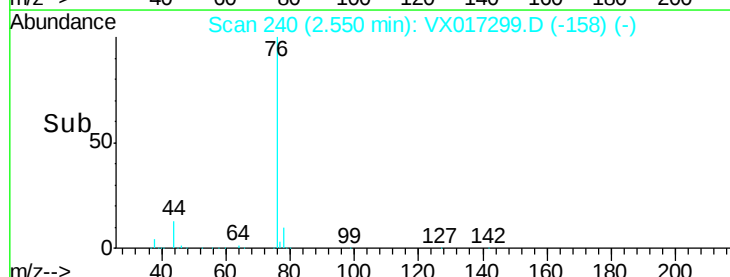
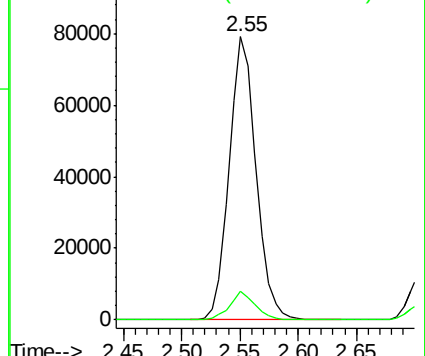
76 100

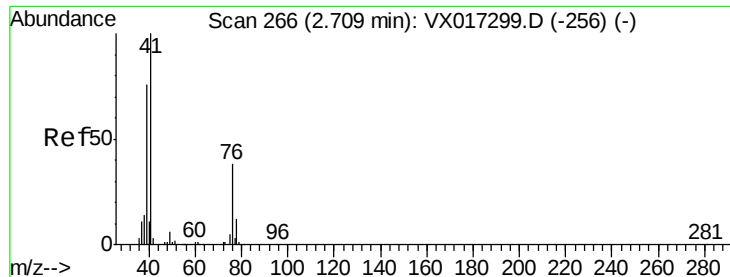
78 9.9 7.9 11.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

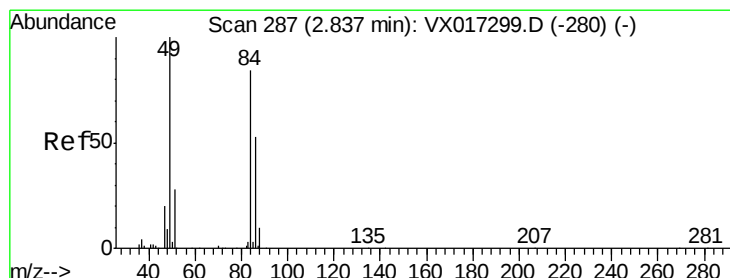
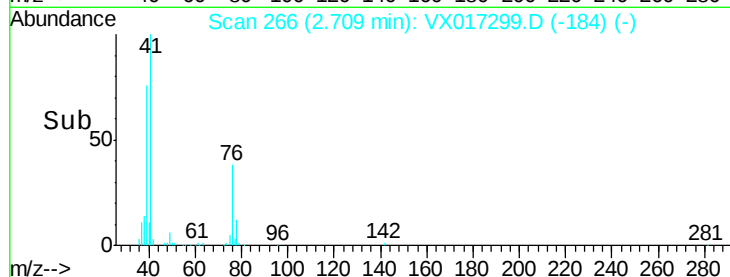
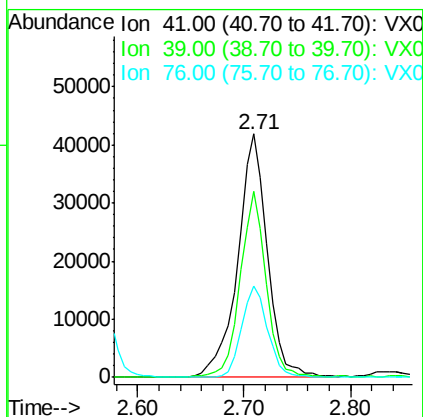
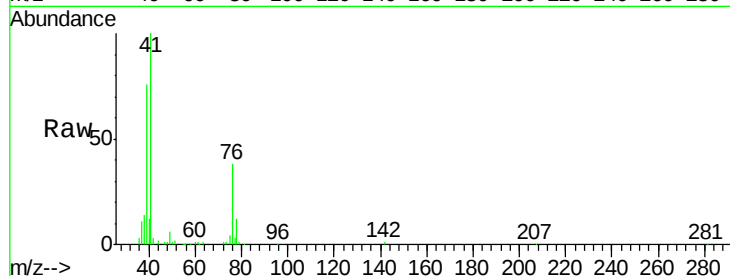




#17
 Allyl chloride
 Concen: 15.301 ug/l
 RT: 2.71 min Scan# 266
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

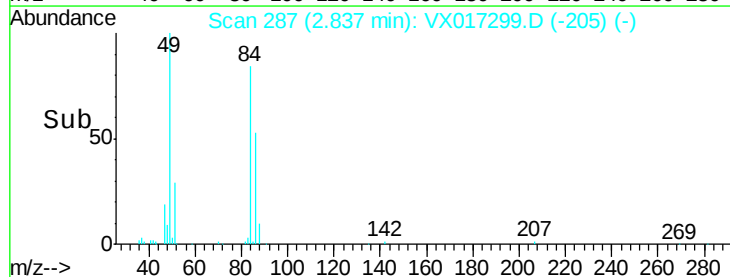
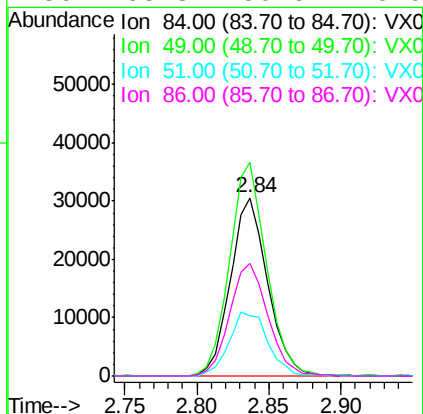
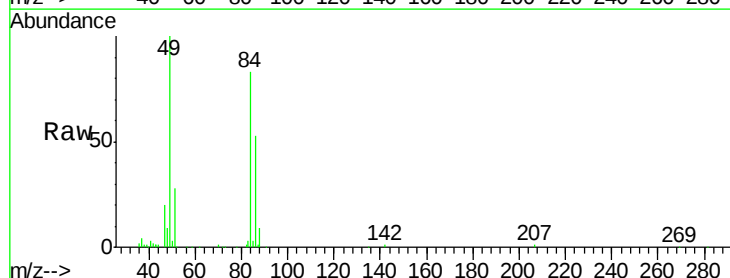
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC020

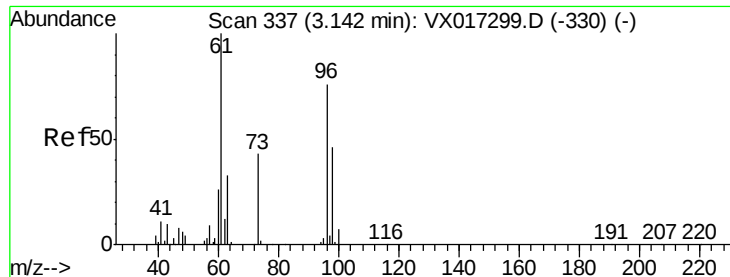
Tgt Ion: 41 Resp: 80970
 Ion Ratio Lower Upper
 41 100
 39 76.3 38.1 114.5
 76 37.6 18.8 56.4



#18
 Methylene Chloride
 Concen: 15.890 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion: 84 Resp: 54897
 Ion Ratio Lower Upper
 84 100
 49 119.6 95.7 143.5
 51 34.0 27.2 40.8
 86 63.3 50.6 76.0





#19

trans-1,2-Dichloroethene

Concen: 16.592 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

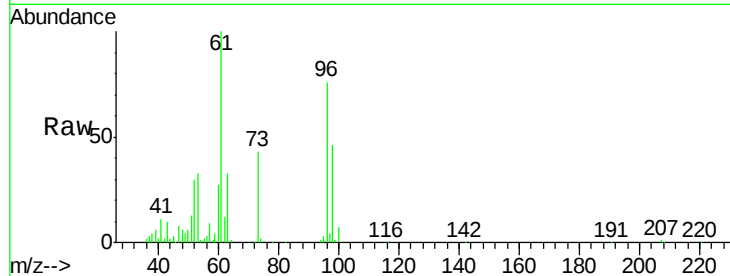
Tgt Ion: 96 Resp: 54432

Ion Ratio Lower Upper

96 100

61 131.3 105.0 157.6

98 60.8 48.6 73.0

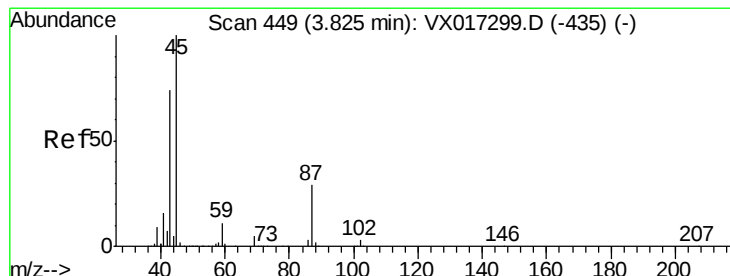
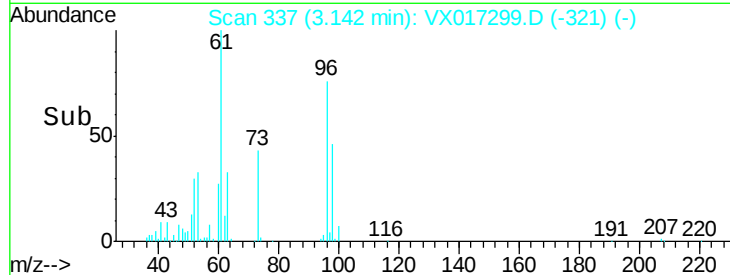
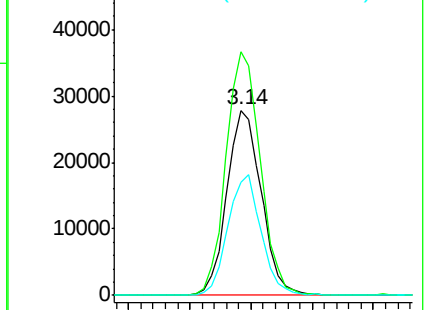


Abundance

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: 15.837 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Tgt Ion: 45 Resp: 169749

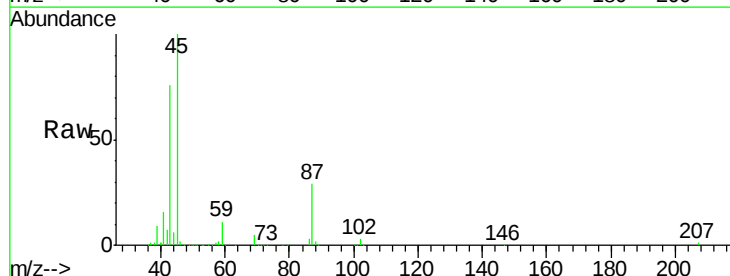
Ion Ratio Lower Upper

45 100

43 74.4 59.5 89.3

87 29.0 23.2 34.8

59 10.6 8.5 12.7



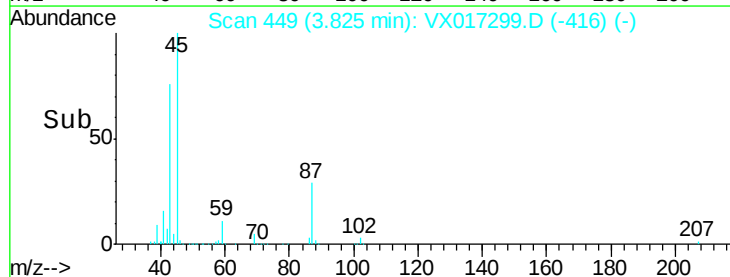
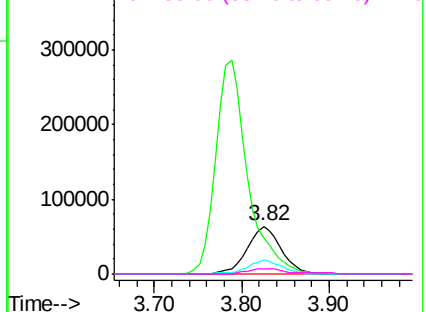
Abundance

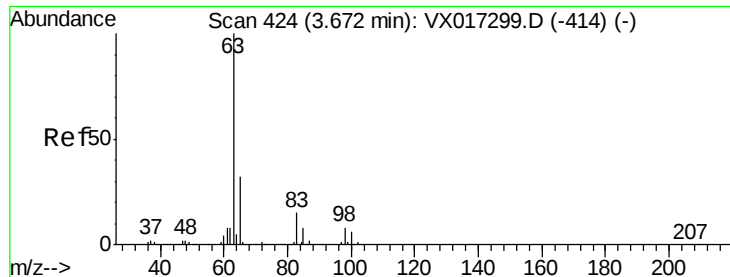
Ion 45.00 (44.70 to 45.70): VX0

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

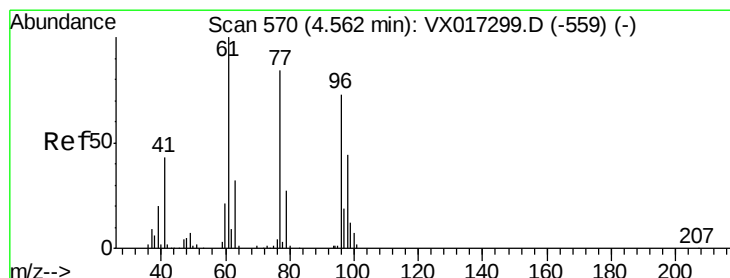
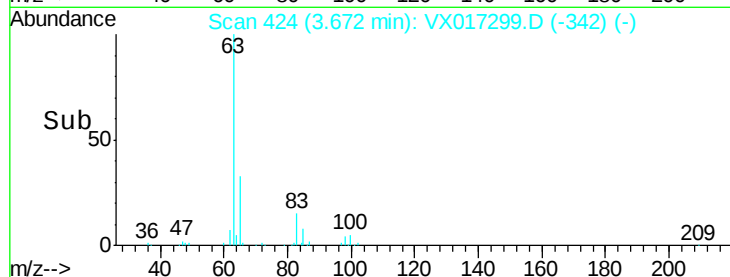
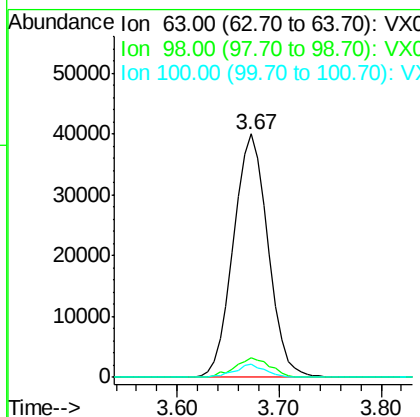
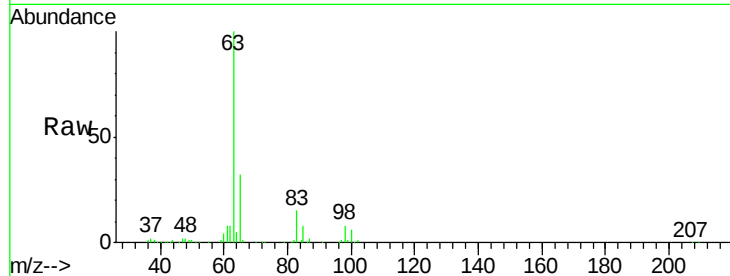




#21
 1,1-Dichloroethane
 Concen: 15.938 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

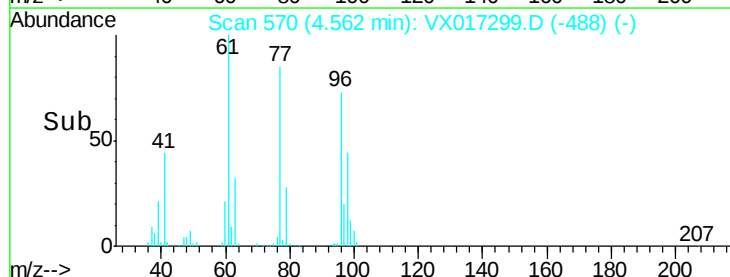
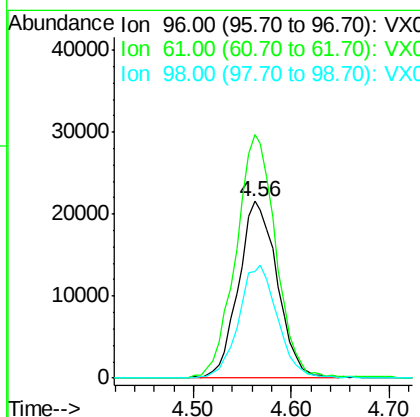
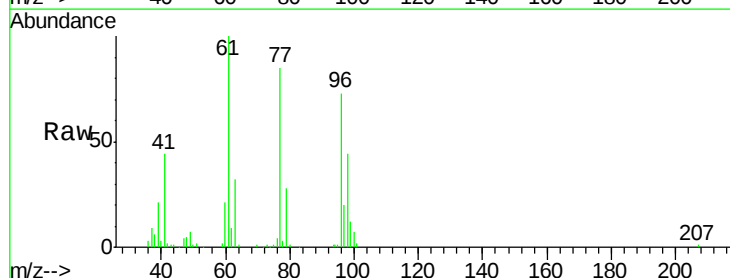
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC020

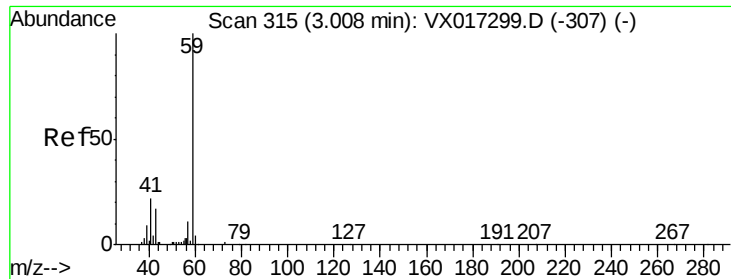
Tgt Ion: 63 Resp: 94091
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.2 12.4
 100 5.5 2.8 8.3



#22
 cis-1,2-Dichloroethene
 Concen: 16.337 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion: 96 Resp: 59362
 Ion Ratio Lower Upper
 96 100
 61 139.6 111.7 167.5
 98 63.6 50.9 76.3

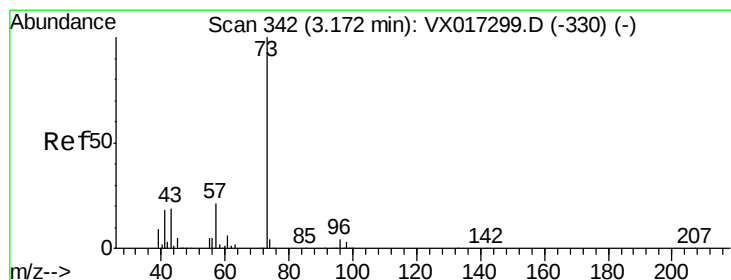
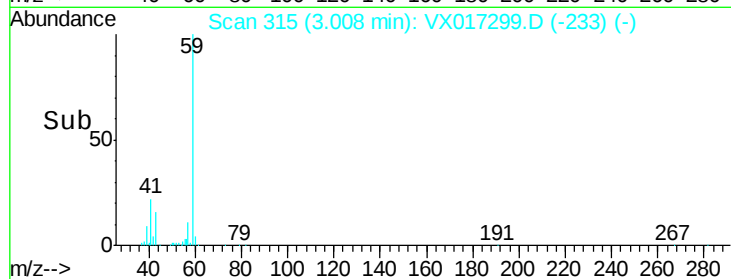
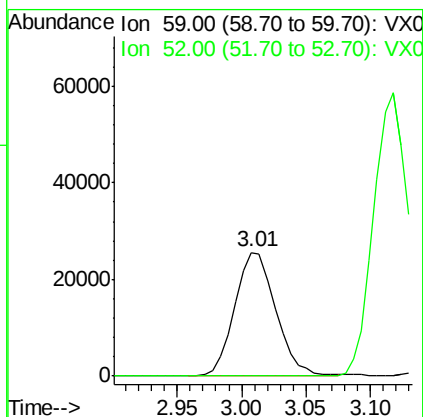
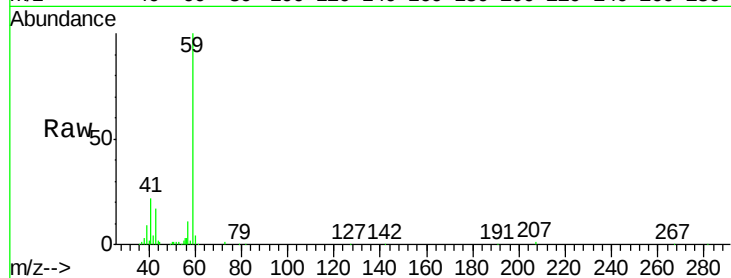




#23
 tert-Butyl Alcohol
 Concen: 75.821 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

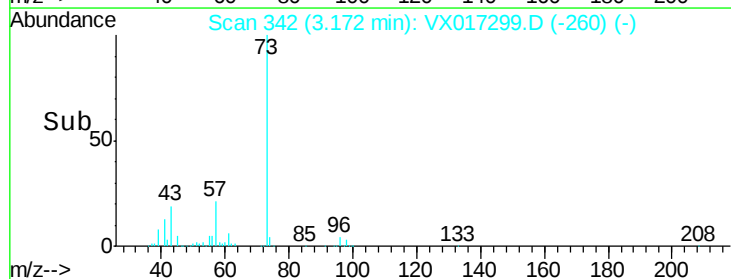
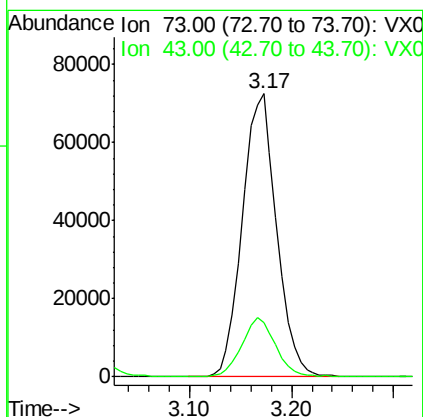
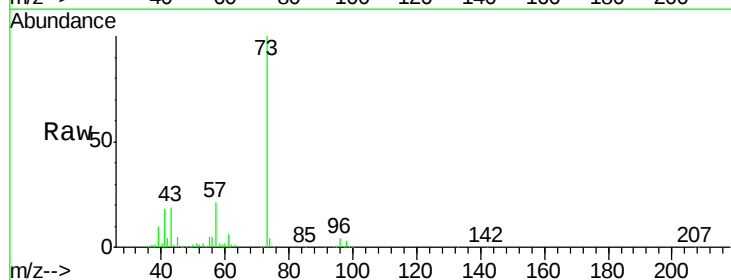
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

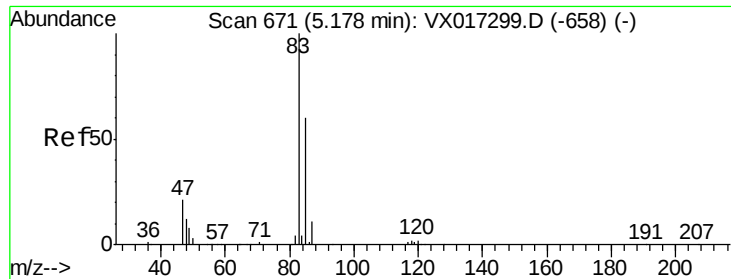
Tgt Ion: 59 Resp: 56854
 Ion Ratio Lower Upper
 59 100
 52 0.5 0.4 0.6



#24
 Methyl tert-Butyl Ether
 Concen: 16.455 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion: 73 Resp: 169310
 Ion Ratio Lower Upper
 73 100
 43 20.4 16.3 24.5





#25

Chloroform

Concen: 16.592 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

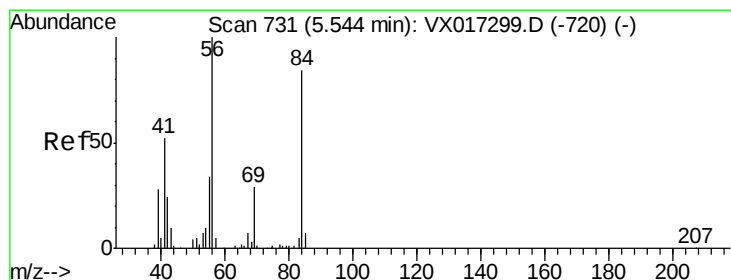
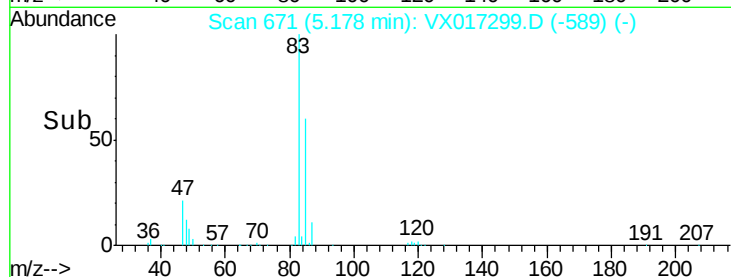
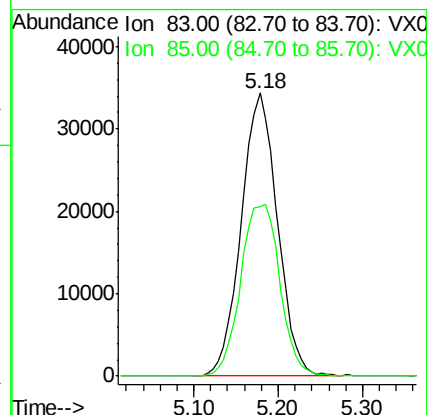
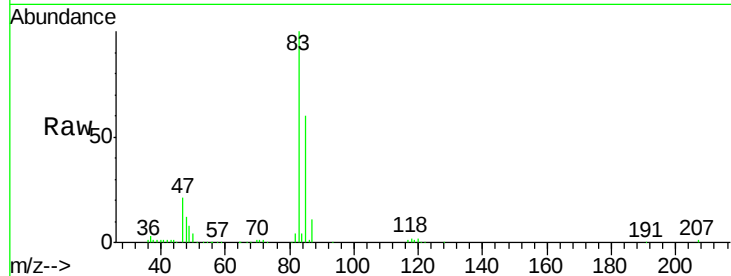
VSTDICCC020

Tgt Ion: 83 Resp: 100215

Ion Ratio Lower Upper

83 100

85 59.8 47.8 71.8



#26

Cyclohexane

Concen: 14.849 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

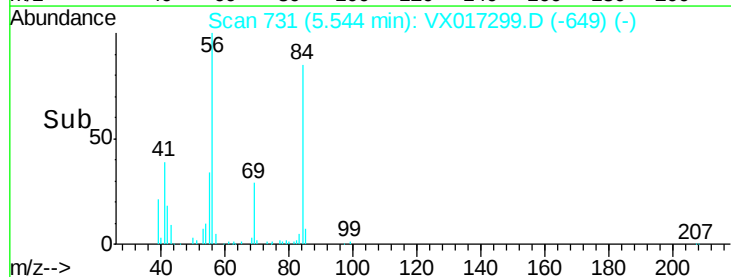
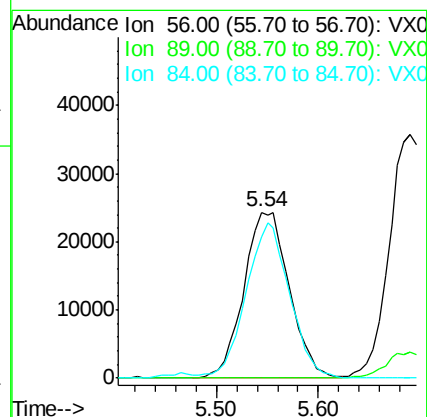
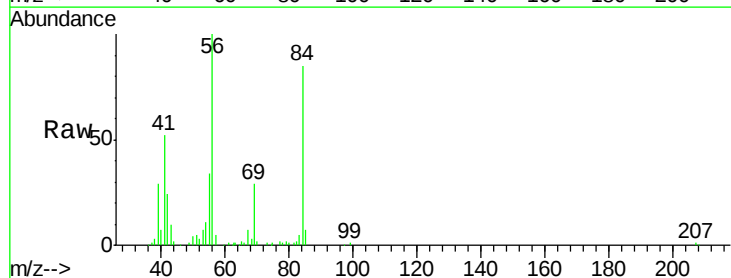
Tgt Ion: 56 Resp: 75532

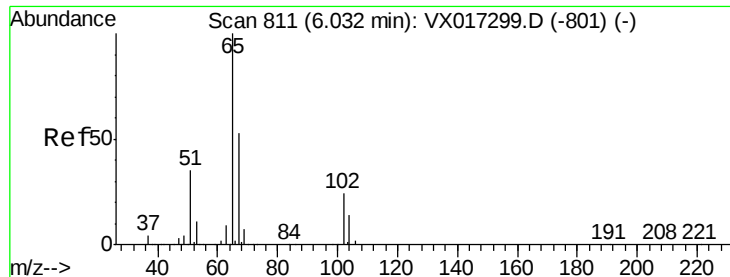
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.4 71.5 107.3

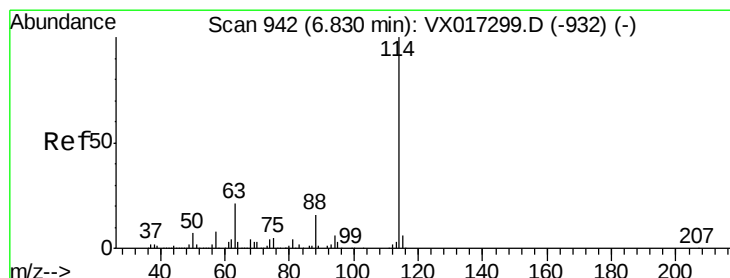
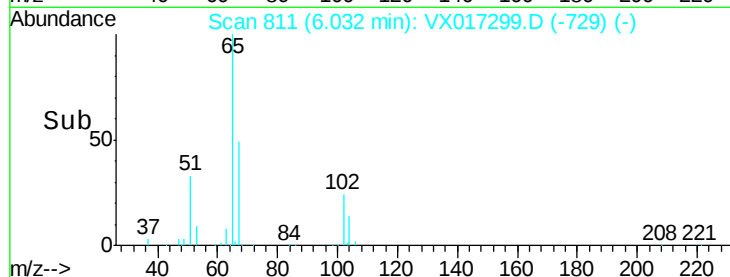
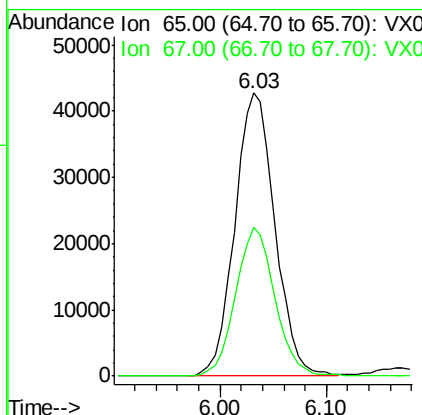
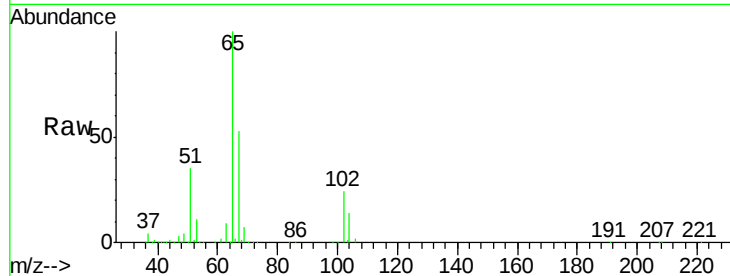




#27
 1,2-Dichloroethane-d4
 Concen: 28.218 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

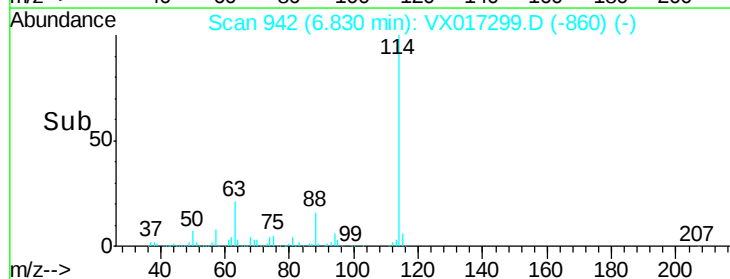
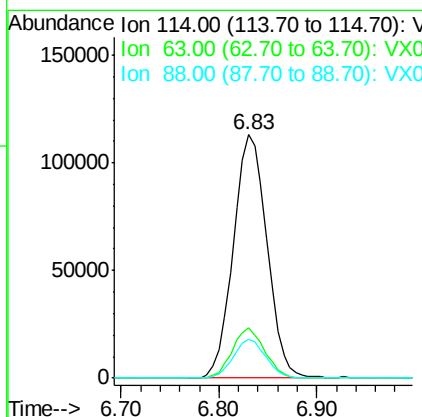
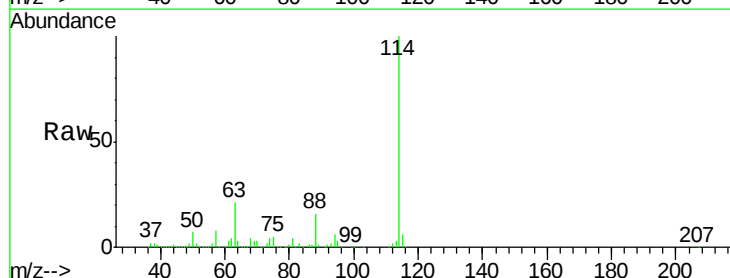
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

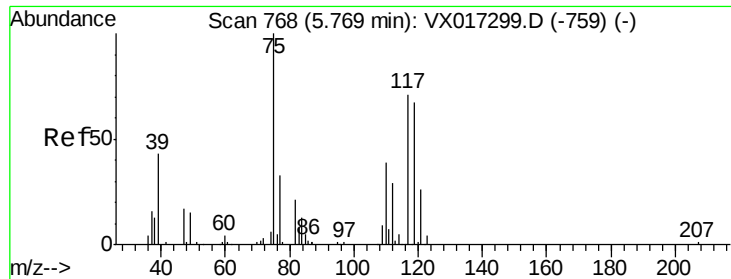
Tgt Ion: 65 Resp: 112687
 Ion Ratio Lower Upper
 65 100
 67 51.3 41.0 61.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion: 114 Resp: 270918
 Ion Ratio Lower Upper
 114 100
 63 19.9 15.9 23.9
 88 15.5 12.4 18.6

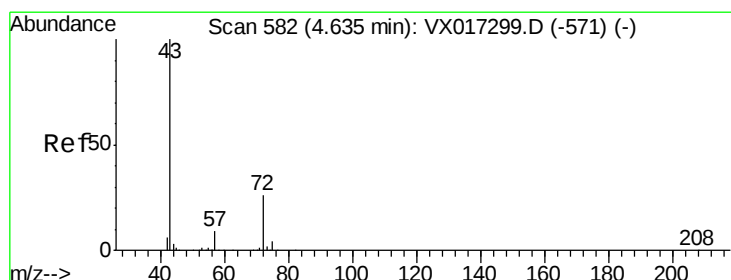
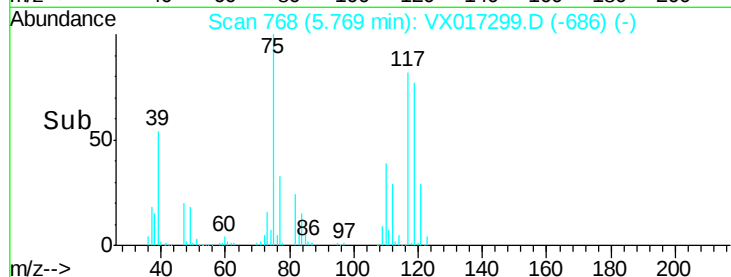
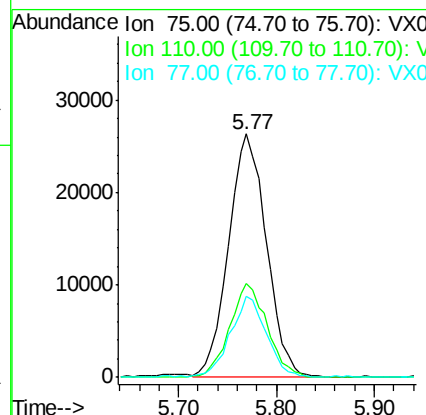
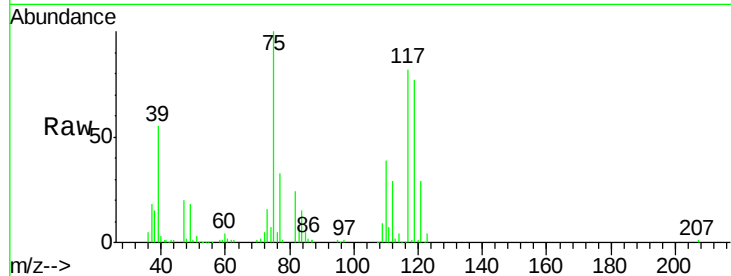




#29
 1,1-Dichloropropene
 Concen: 16.573 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

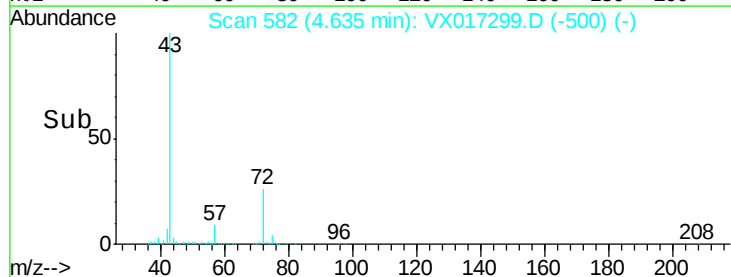
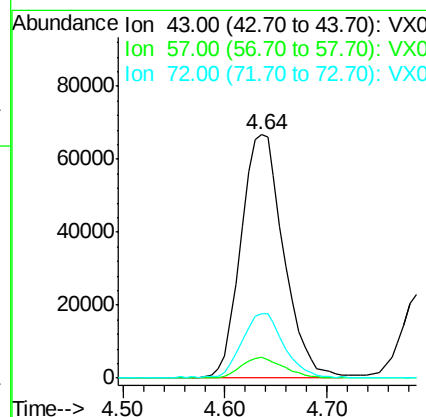
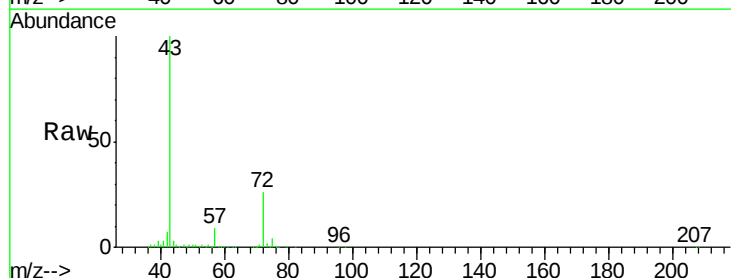
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

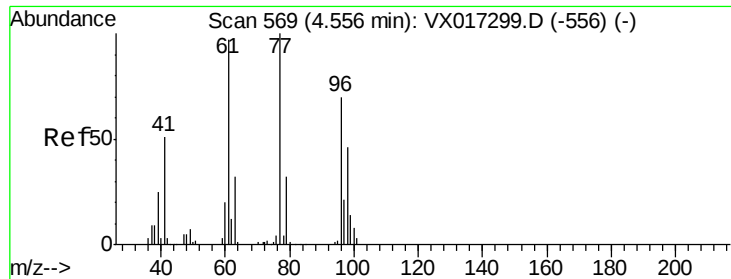
Tgt Ion: 75 Resp: 70871
 Ion Ratio Lower Upper
 75 100
 110 37.9 0.0 75.8
 77 31.7 0.0 63.4



#30
 2-Butanone
 Concen: 86.525 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion: 43 Resp: 193170
 Ion Ratio Lower Upper
 43 100
 57 8.5 6.8 10.2
 72 26.3 21.0 31.6





#31

2,2-Dichloropropane

Concen: 17.749 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

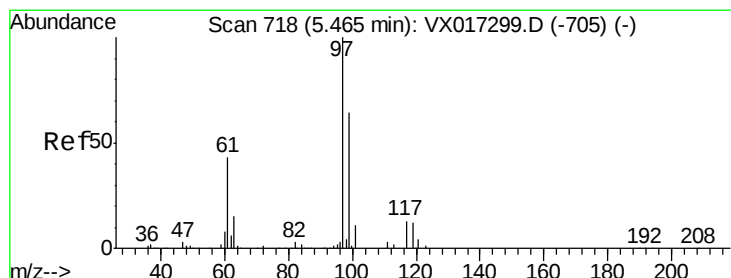
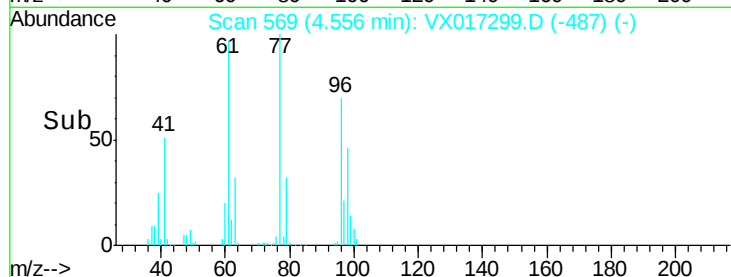
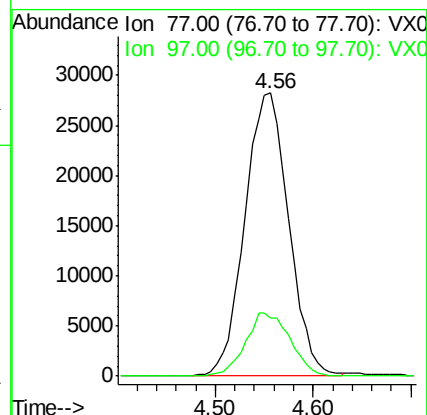
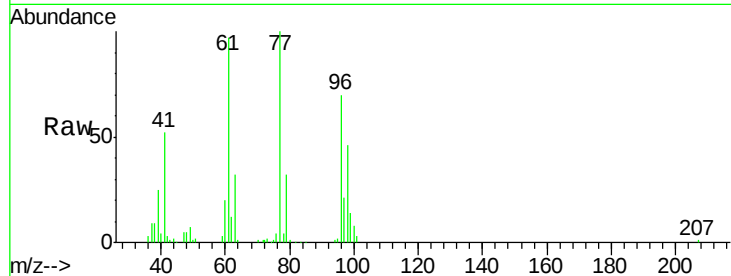
VSTDICCC020

Tgt Ion: 77 Resp: 87864

Ion Ratio Lower Upper

77 100

97 22.7 18.2 27.2



#32

1,1,1-Trichloroethane

Concen: 17.611 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

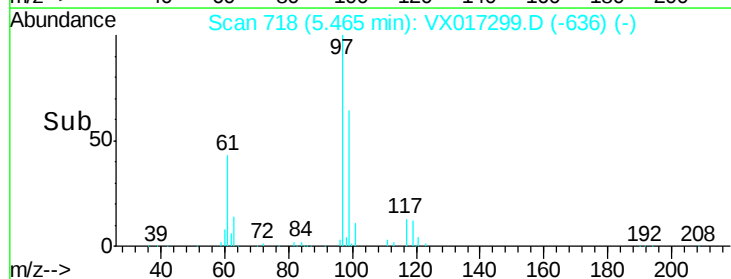
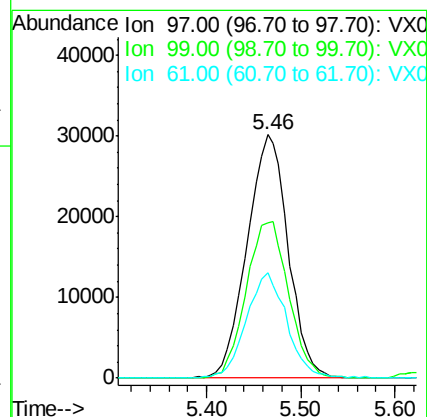
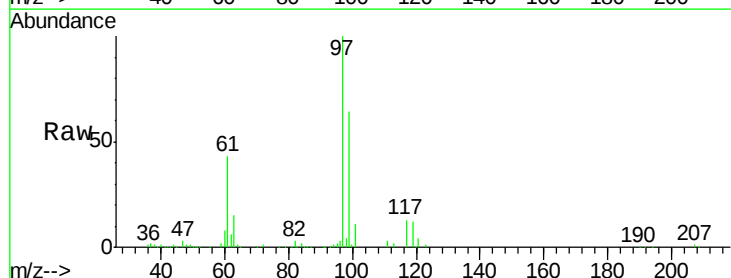
Tgt Ion: 97 Resp: 92135

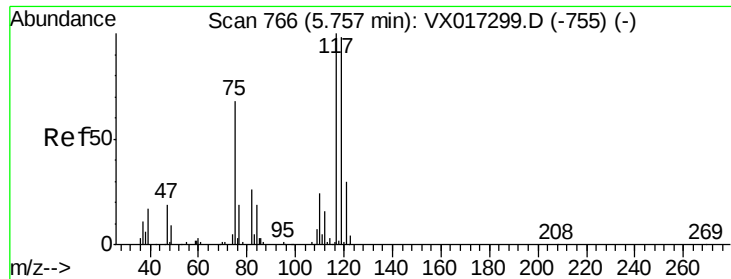
Ion Ratio Lower Upper

97 100

99 66.5 53.2 79.8

61 42.5 34.0 51.0





#33

Carbon Tetrachloride

Concen: 18.171 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

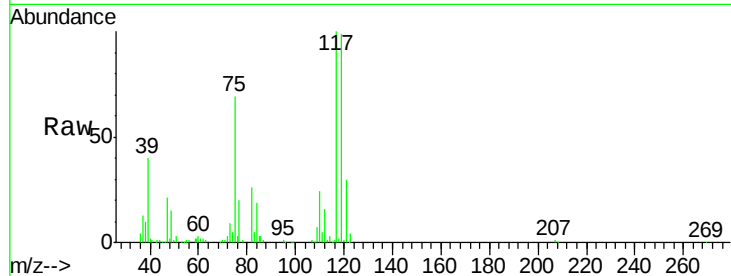
Tgt Ion:117 Resp: 84870

Ion Ratio Lower Upper

117 100

119 98.5 78.8 118.2

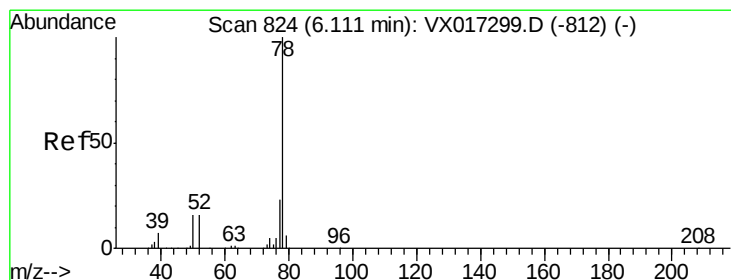
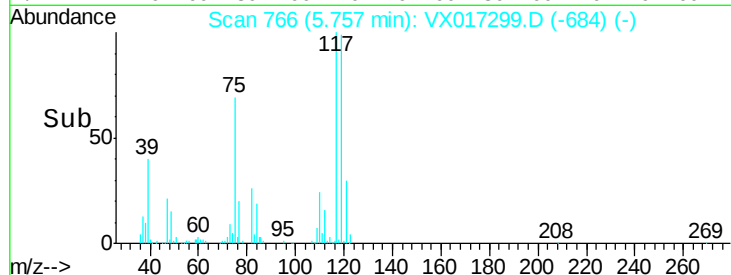
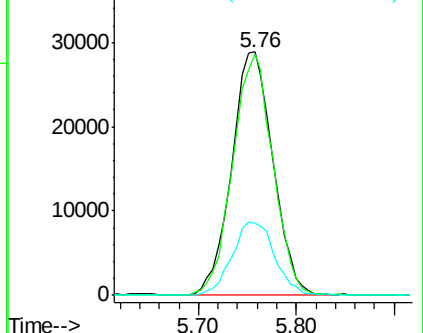
121 29.6 23.7 35.5



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: 16.771 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

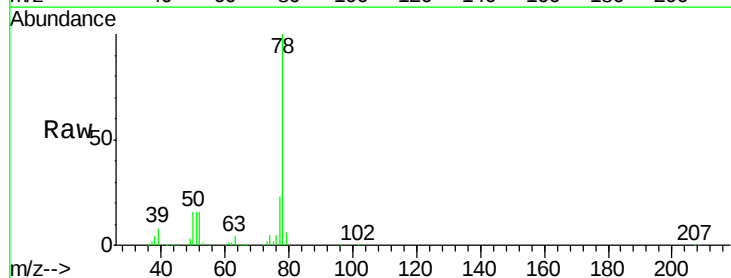
Tgt Ion: 78 Resp: 208488

Ion Ratio Lower Upper

78 100

77 22.6 18.1 27.1

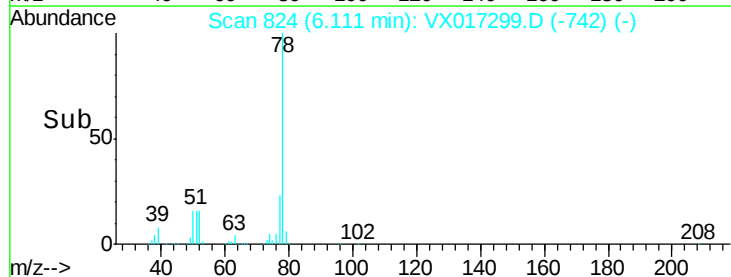
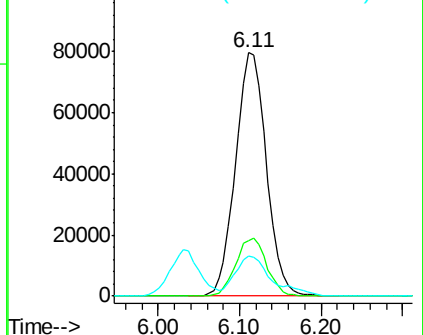
51 16.1 12.9 19.3

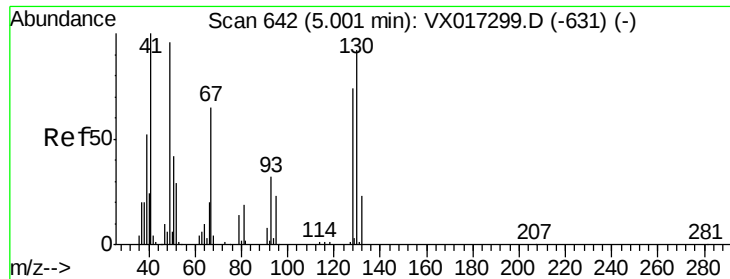


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

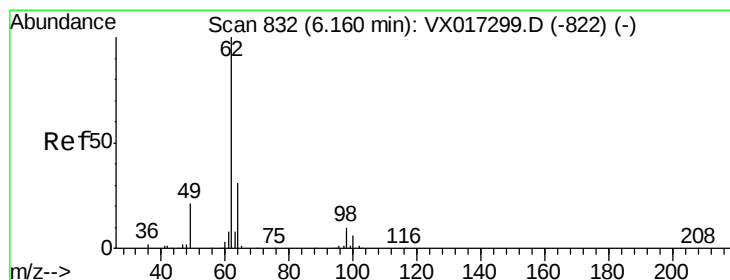
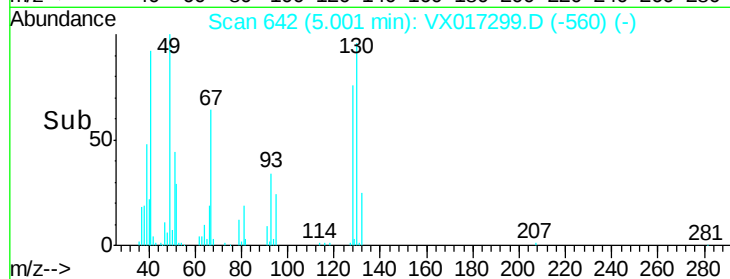
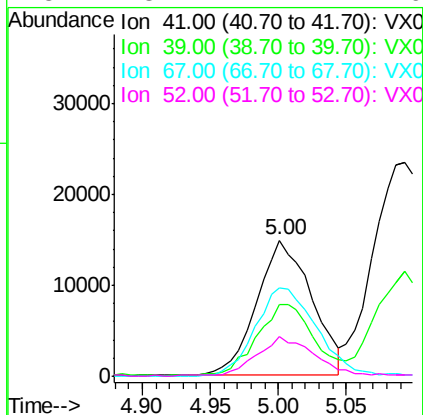
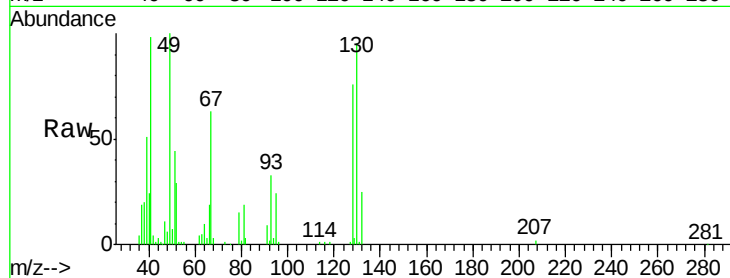




#35
Methacrylonitrile
Concen: 17.076 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

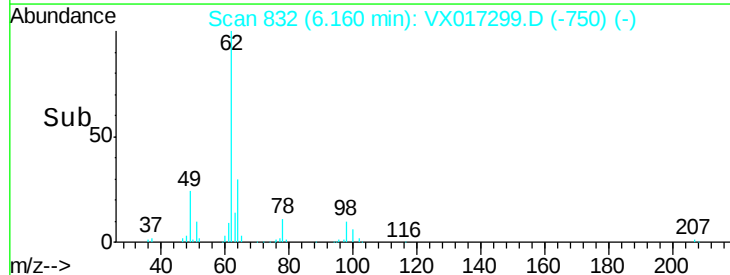
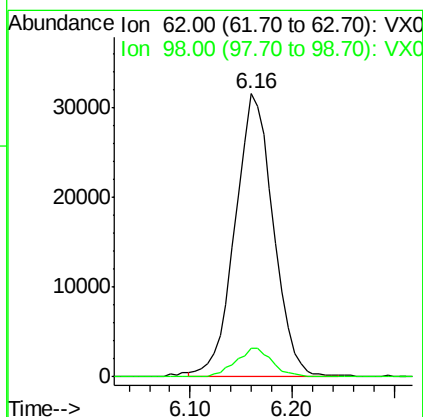
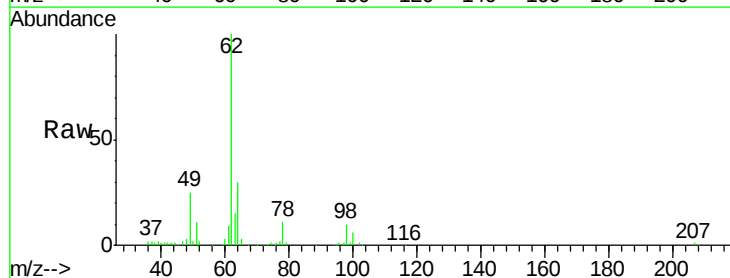
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

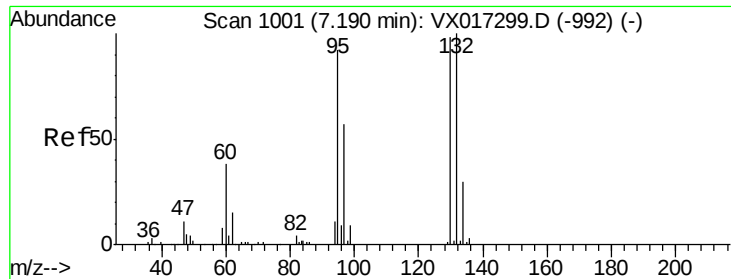
Tgt Ion:	41	Resp:	42043
Ion	Ratio	Lower	Upper
41	100		
39	52.0	26.0	78.0
67	65.2	32.6	97.8
52	28.4	14.2	42.6



#36
1,2-Dichloroethane
Concen: 17.151 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion:	62	Resp:	82160
Ion	Ratio	Lower	Upper
62	100		
98	9.8	7.8	11.8

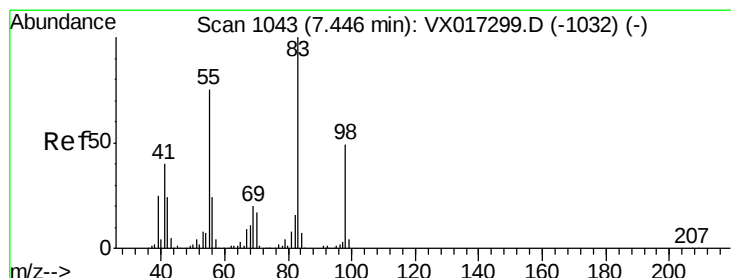
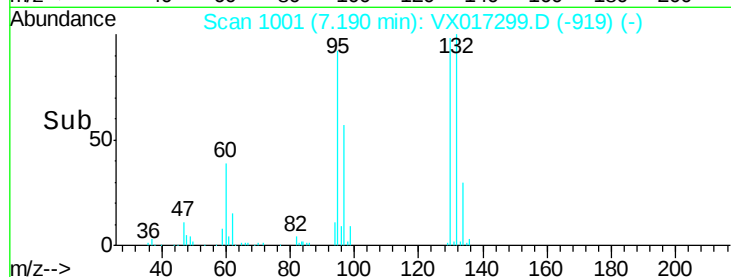
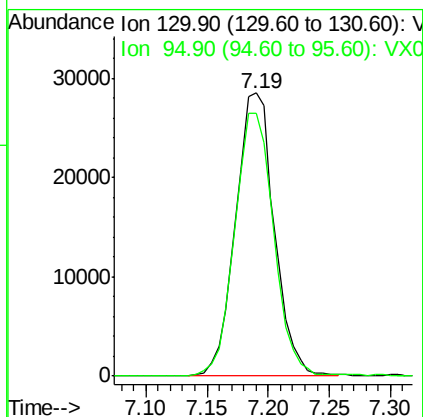
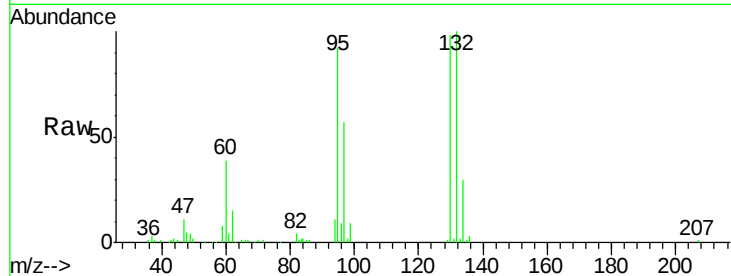




#37
 Trichloroethene
 Concen: 18.230 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

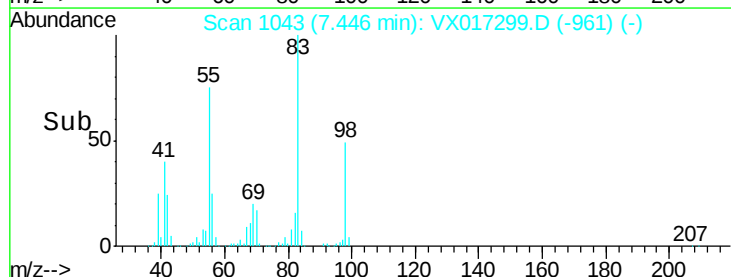
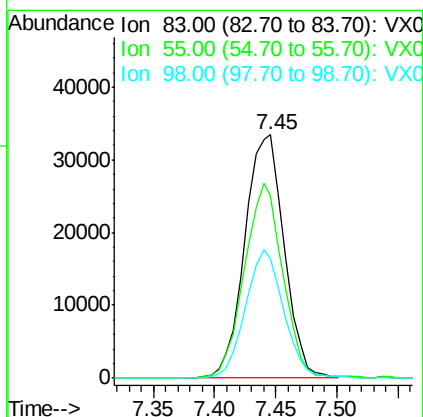
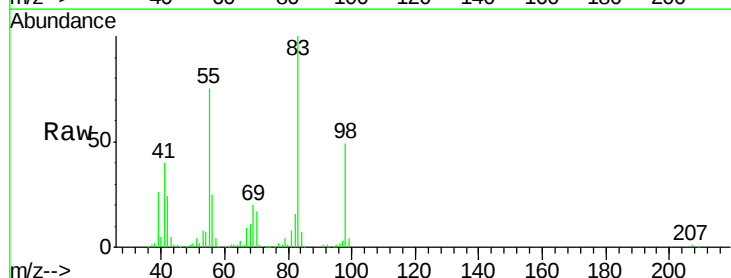
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

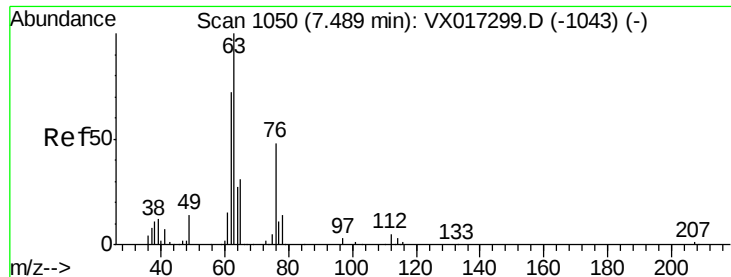
Tgt Ion:130 Resp: 62846
 Ion Ratio Lower Upper
 130 100
 95 93.0 74.4 111.6



#38
 Methylcyclohexane
 Concen: 15.501 ug/l
 RT: 7.45 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion: 83 Resp: 74911
 Ion Ratio Lower Upper
 83 100
 55 78.0 39.0 117.0
 98 50.6 25.3 75.9





#39

1,2-Dichloropropane

Concen: 16.594 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampled :

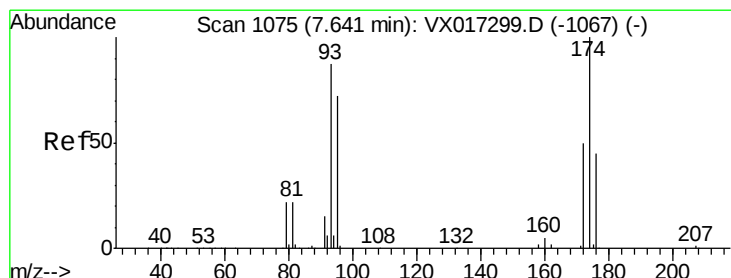
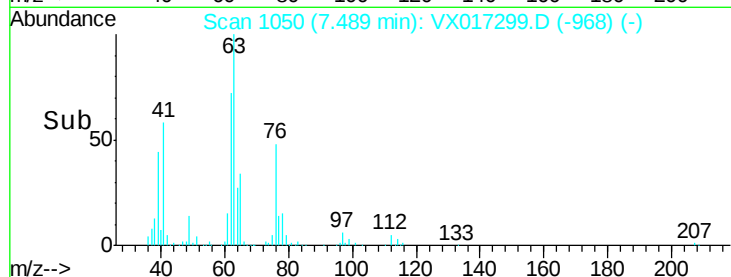
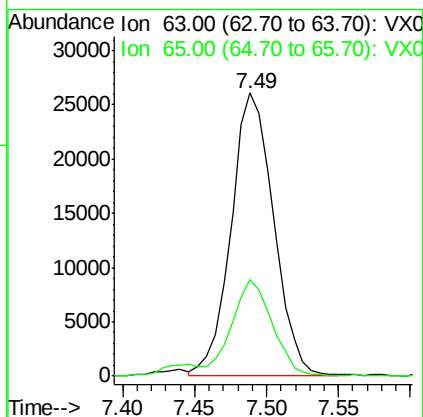
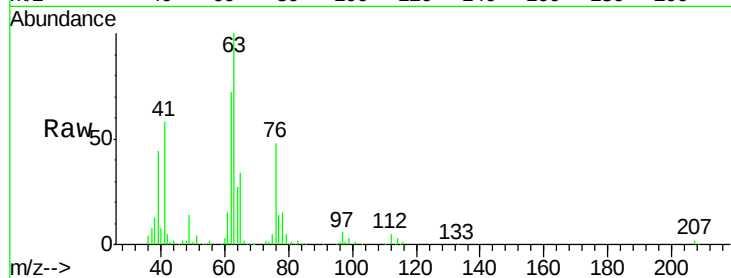
VSTDICCC020

Tgt Ion: 63 Resp: 53852

Ion Ratio Lower Upper

63 100

65 34.2 27.4 41.0



#40

Dibromomethane

Concen: 17.131 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

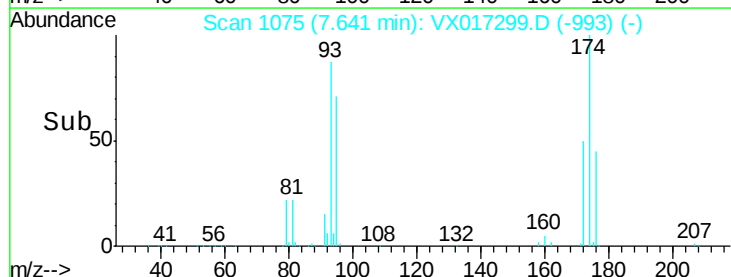
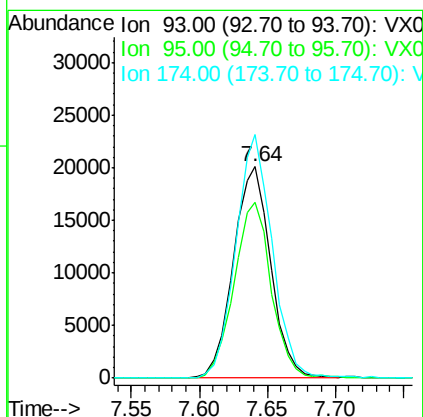
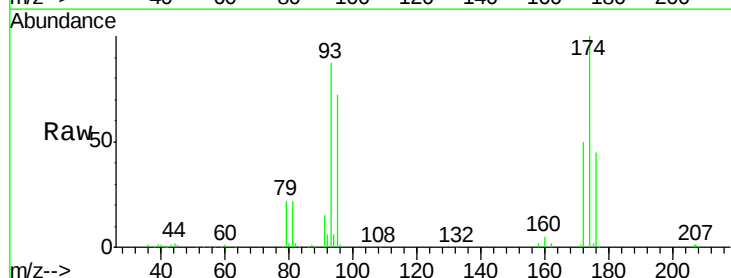
Tgt Ion: 93 Resp: 38458

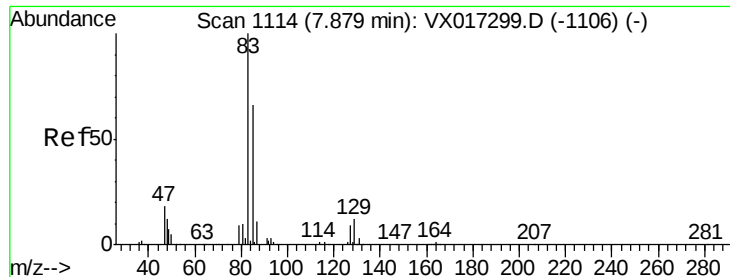
Ion Ratio Lower Upper

93 100

95 82.2 0.0 164.4

174 112.4 0.0 224.8





#41

Bromodichloromethane

Concen: 17.312 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

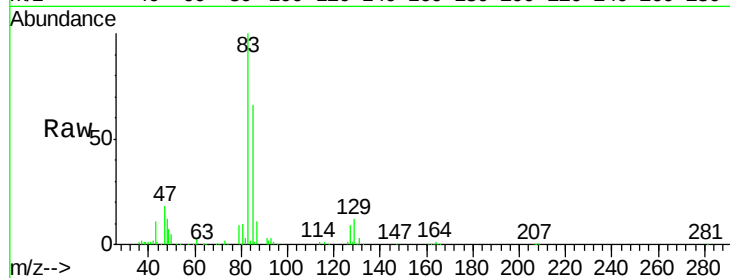
Tgt Ion: 83 Resp: 80516

Ion Ratio Lower Upper

83 100

85 66.4 53.1 79.7

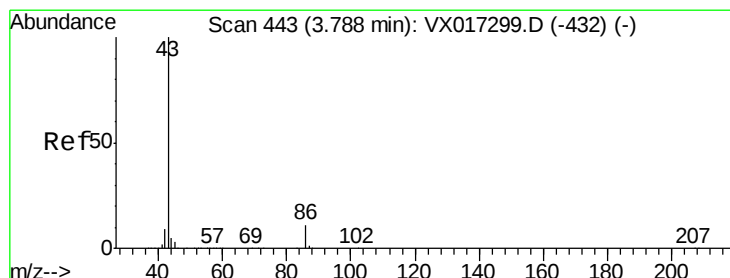
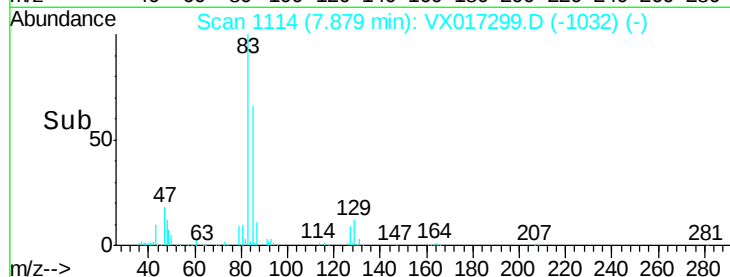
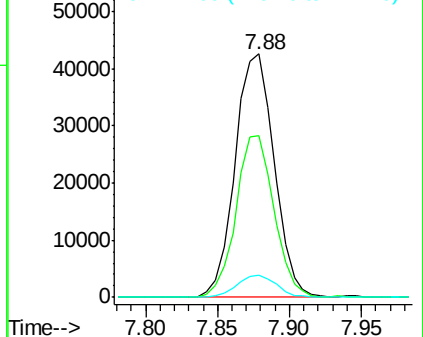
127 9.1 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 81.320 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017299.D

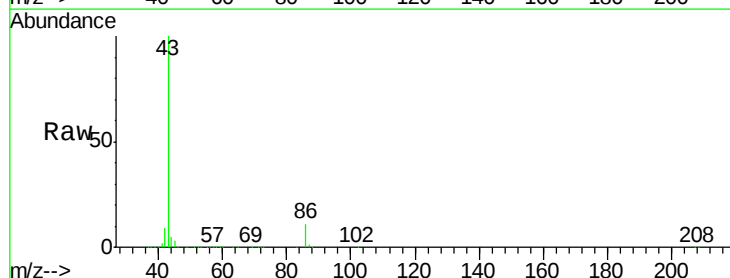
Acq: 09 Jul 2020 10:52

Tgt Ion: 43 Resp: 725651

Ion Ratio Lower Upper

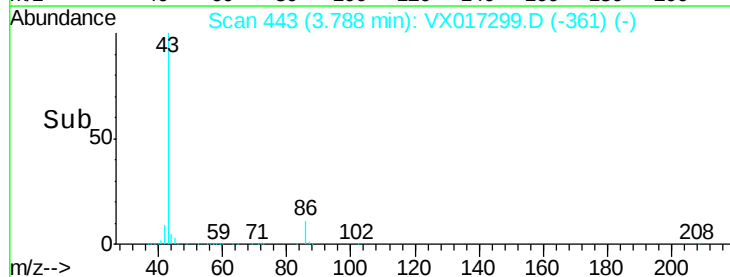
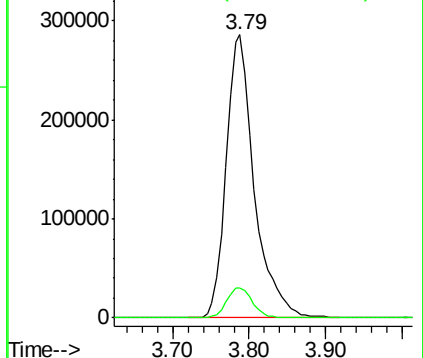
43 100

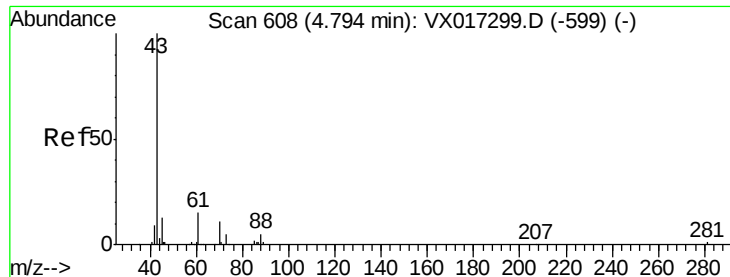
86 9.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

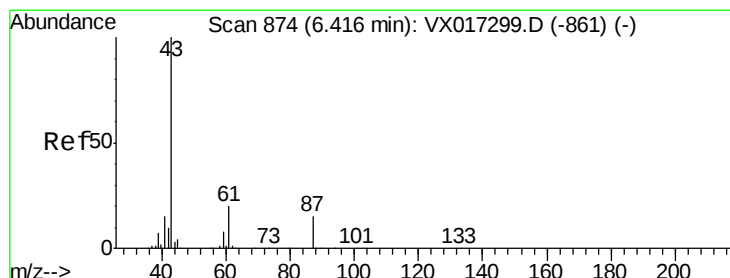
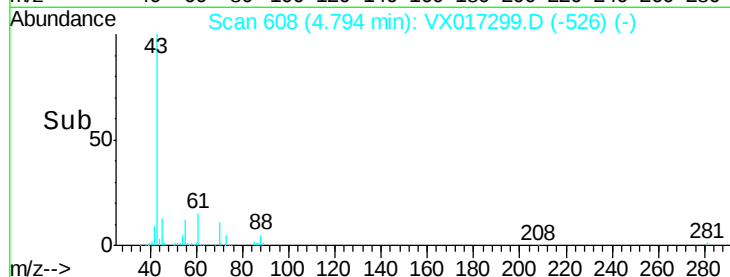
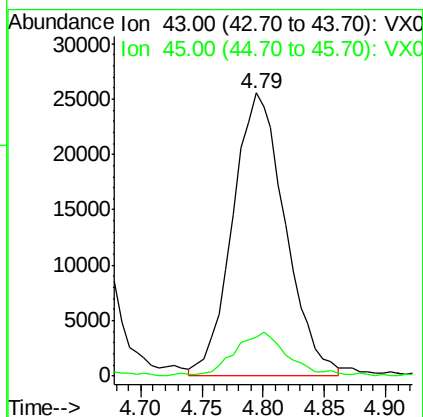
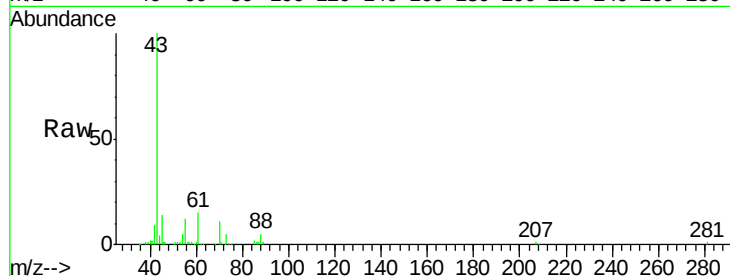




#43
Ethyl Acetate
Concen: 16.631 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

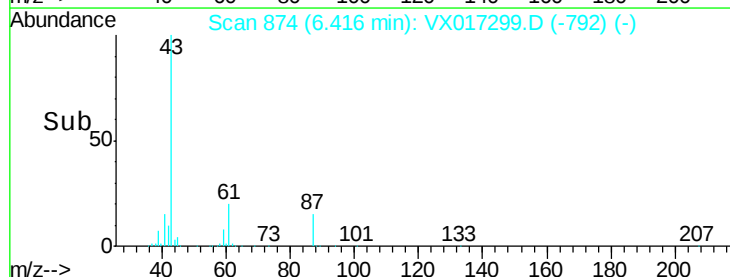
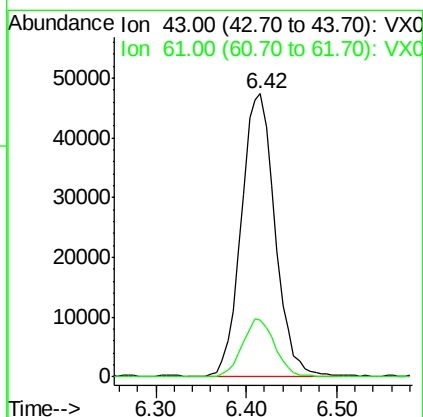
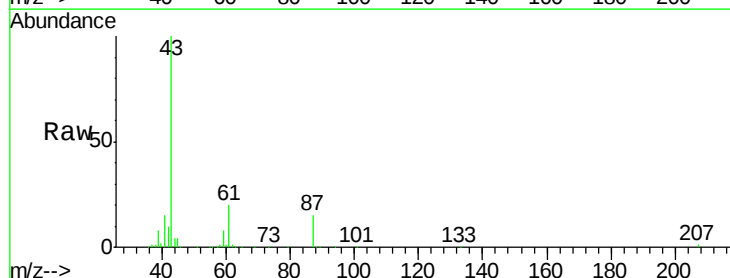
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

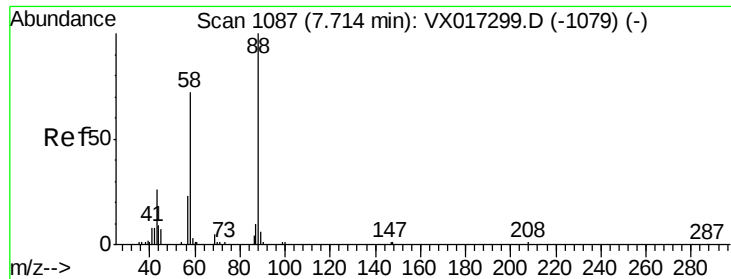
Tgt Ion: 43 Resp: 76472
Ion Ratio Lower Upper
43 100
45 15.1 12.1 18.1



#44
Isopropyl Acetate
Concen: 16.154 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion: 43 Resp: 122305
Ion Ratio Lower Upper
43 100
61 19.6 15.7 23.5

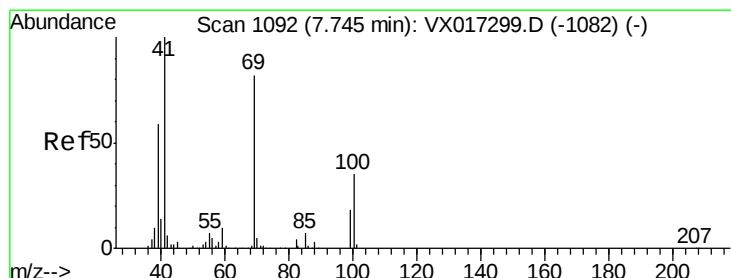
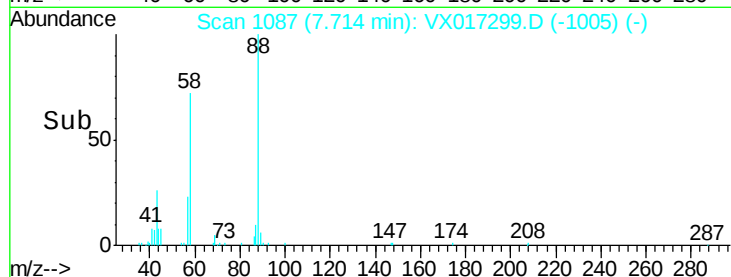
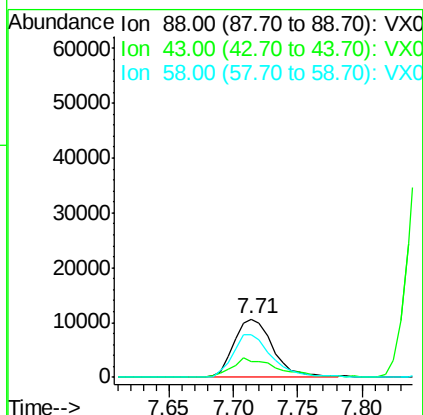
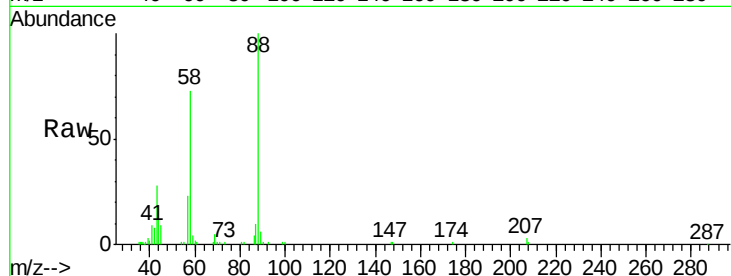




#45
 1,4-Dioxane
 Concen: 300.368 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

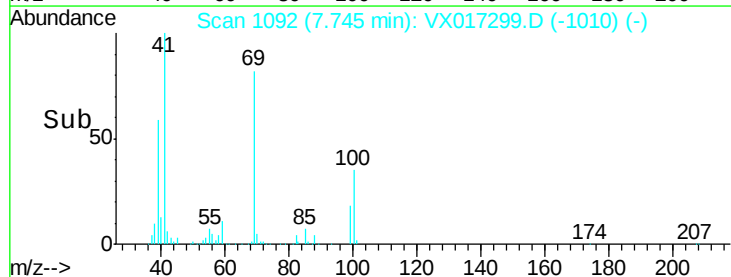
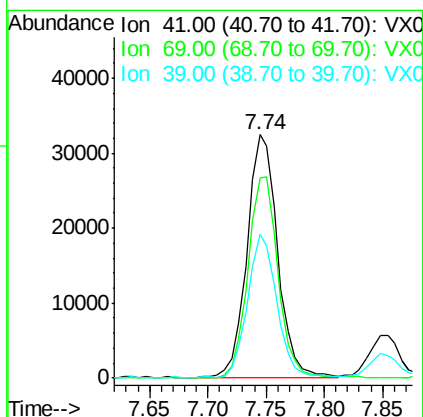
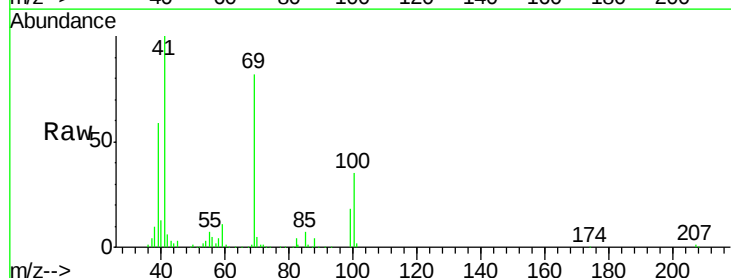
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

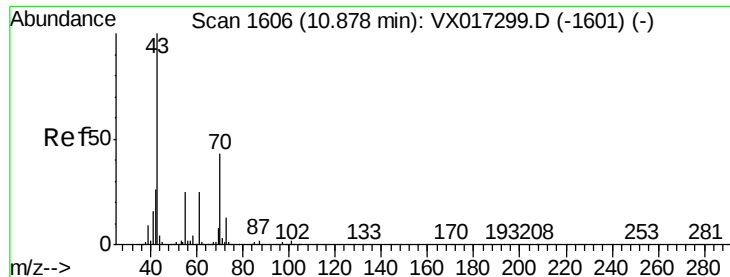
Tgt Ion: 88 Resp: 22430
 Ion Ratio Lower Upper
 88 100
 43 36.2 29.0 43.4
 58 72.9 58.3 87.5



#46
 Methyl methacrylate
 Concen: 16.893 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion: 41 Resp: 59627
 Ion Ratio Lower Upper
 41 100
 69 82.2 41.1 123.3
 39 58.4 29.2 87.6

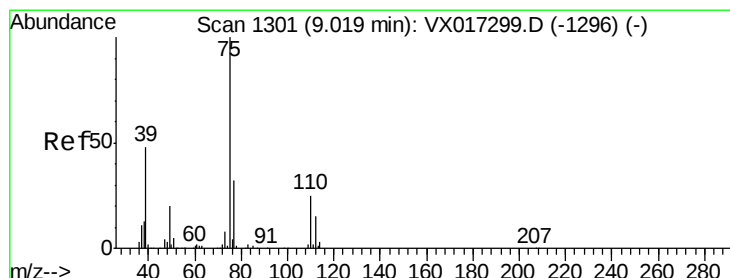
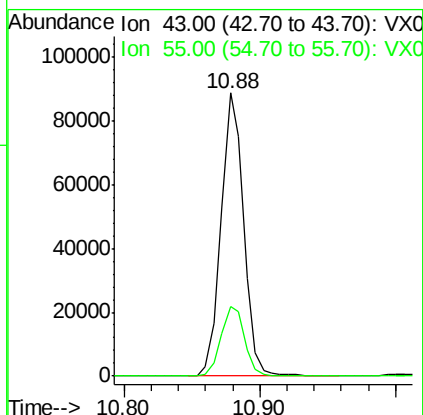
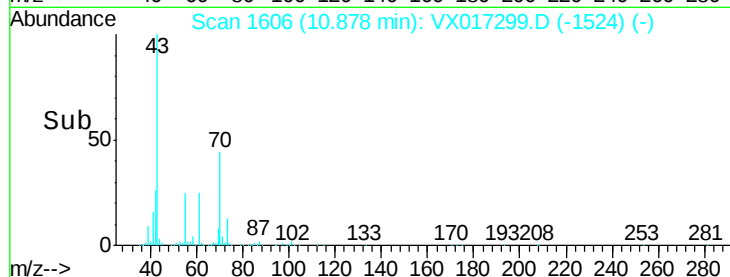
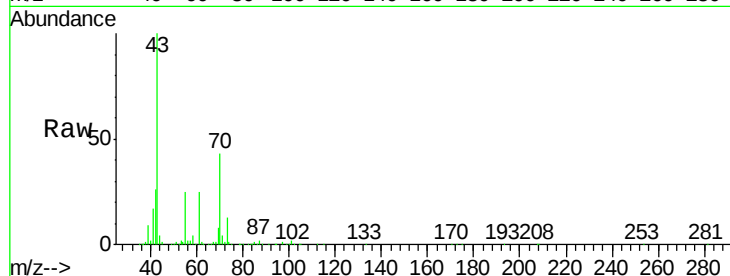




#47
n-amy1 Acetate
Concen: 15.282 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

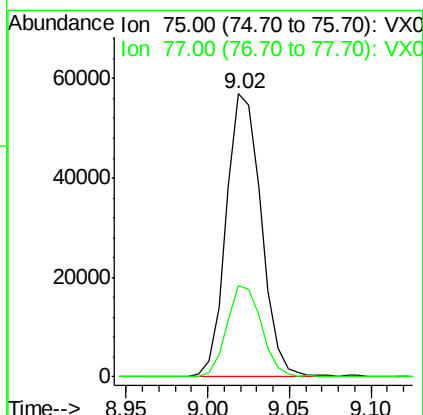
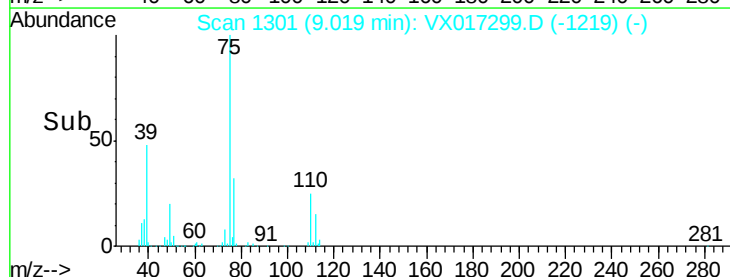
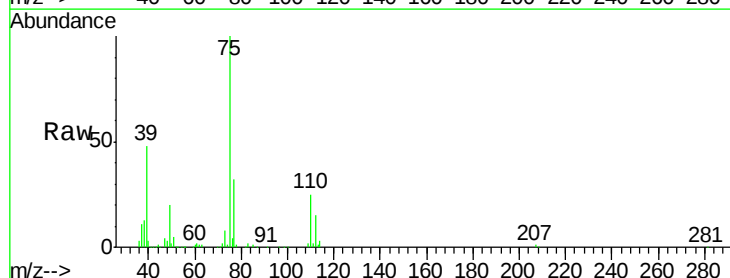
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

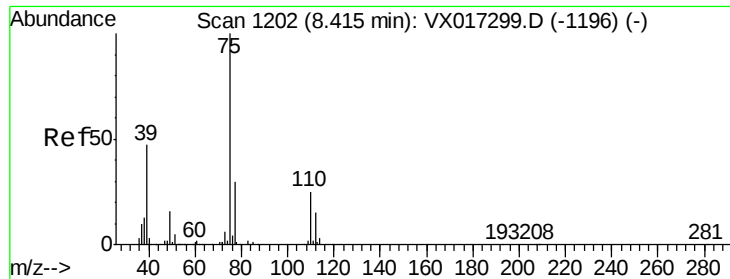
Tgt Ion: 43 Resp: 102184
Ion Ratio Lower Upper
43 100
55 25.5 20.4 30.6



#48
t-1,3-Dichloropropene
Concen: 16.517 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion: 75 Resp: 85119
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4



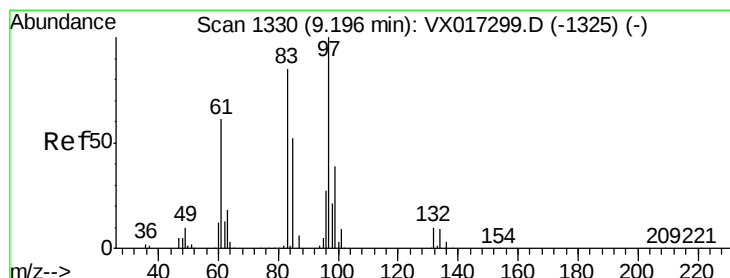
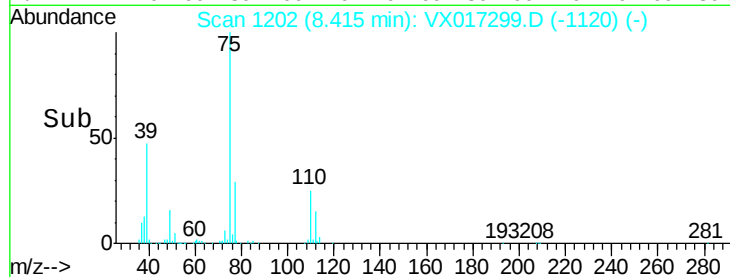
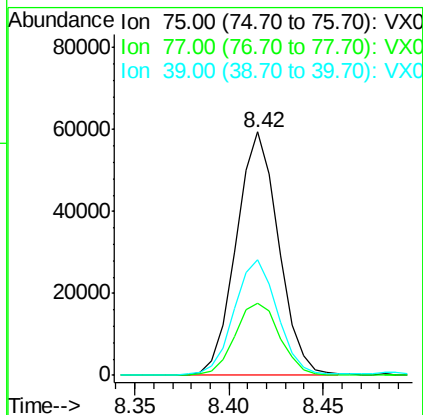
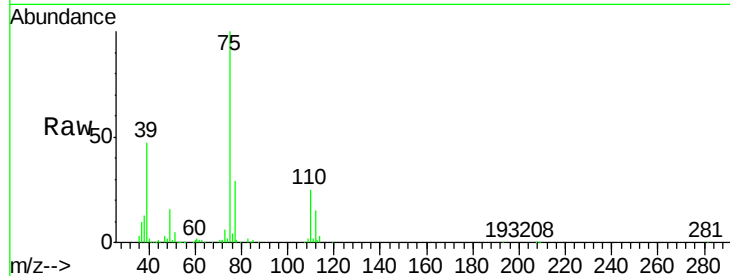


#49

cis-1,3-Dichloropropene
 Concen: 17.150 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

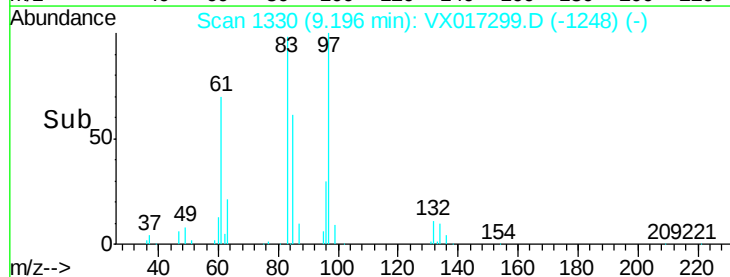
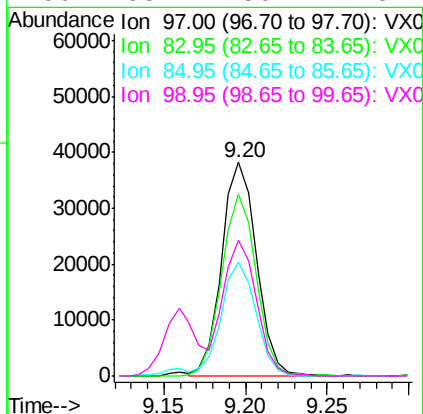
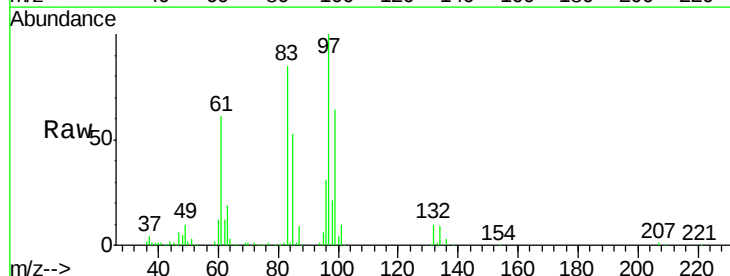
Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.5	23.6	35.4
39	46.9	37.5	56.3

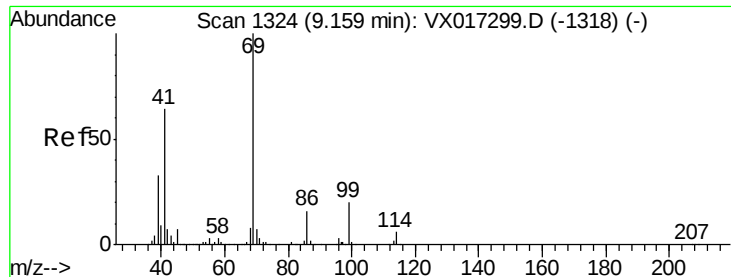


#50

1,1,2-Trichloroethane
 Concen: 17.951 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.9	101.9
85	53.3	42.6	64.0
99	63.4	50.7	76.1





#51

Ethyl methacrylate

Concen: 16.522 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

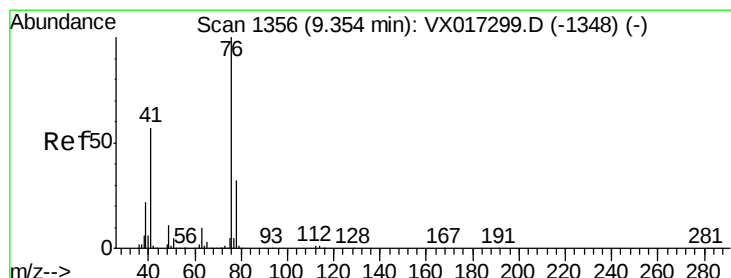
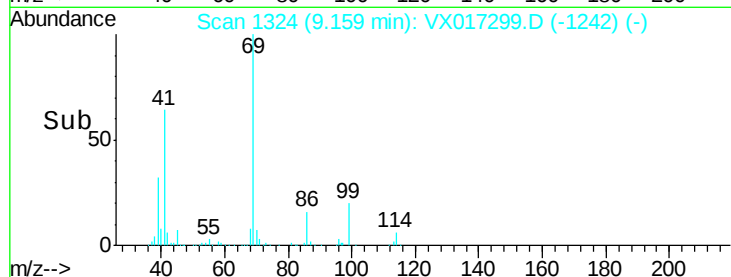
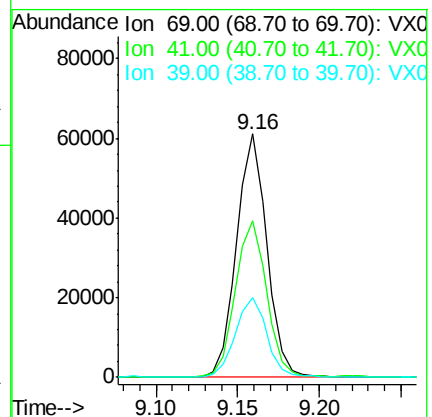
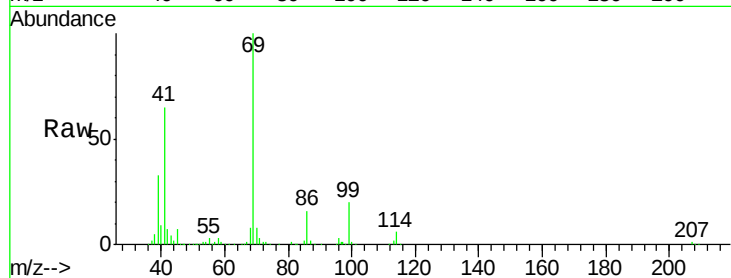
Tgt Ion: 69 Resp: 79282

Ion Ratio Lower Upper

69 100

41 64.3 32.1 96.5

39 32.6 16.3 48.9



#52

1,3-Dichloropropane

Concen: 17.474 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017299.D

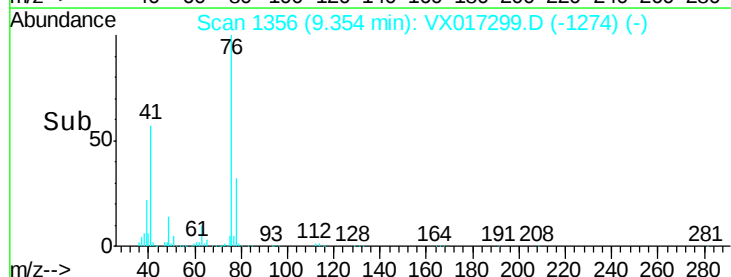
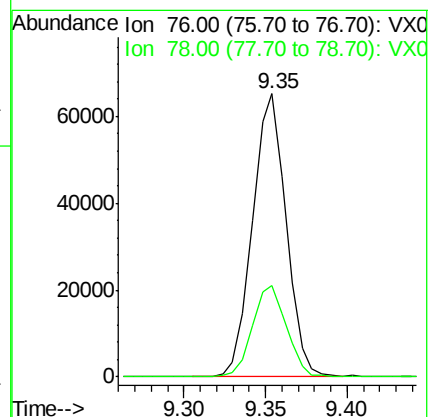
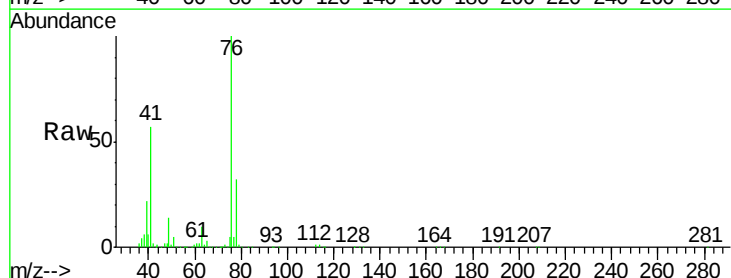
Acq: 09 Jul 2020 10:52

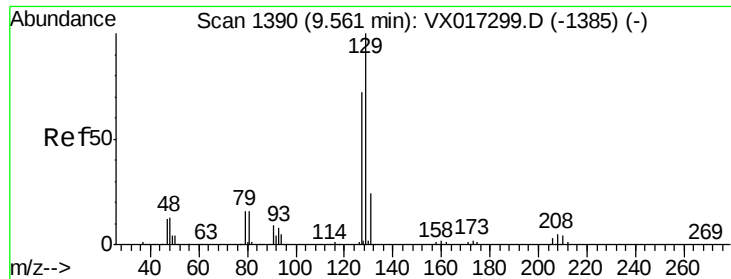
Tgt Ion: 76 Resp: 93731

Ion Ratio Lower Upper

76 100

78 32.8 0.0 65.6





#53

Dibromochloromethane

Concen: 18.491 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

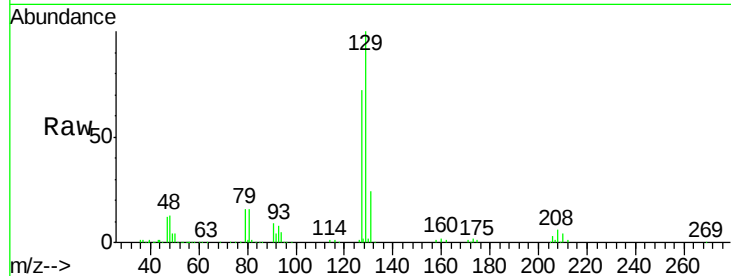
VSTDICCC020

Tgt Ion:129 Resp: 68144

Ion Ratio Lower Upper

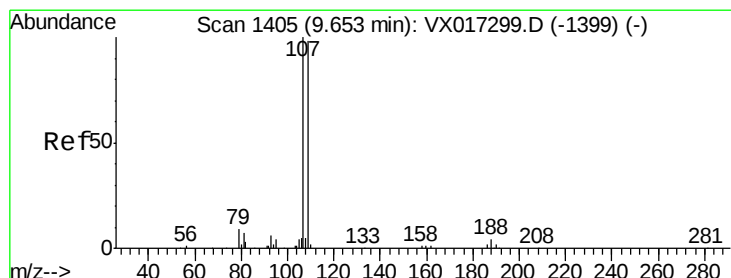
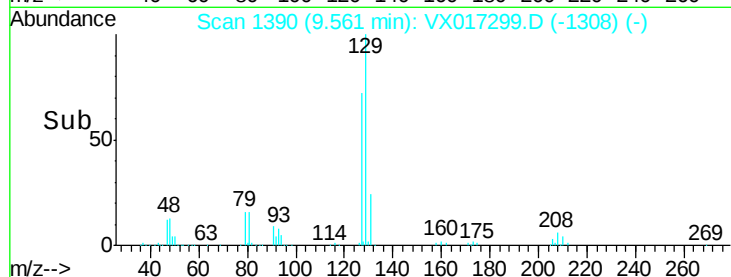
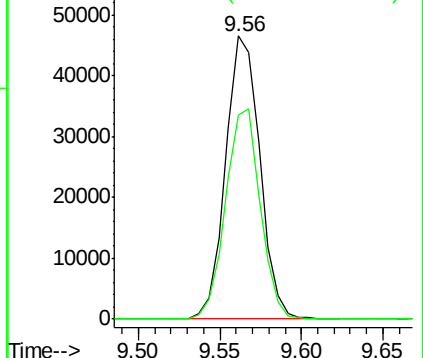
129 100

127 75.0 37.5 112.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 17.871 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017299.D

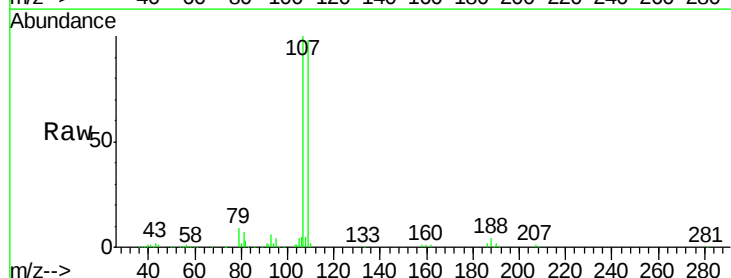
Acq: 09 Jul 2020 10:52

Tgt Ion:107 Resp: 60212

Ion Ratio Lower Upper

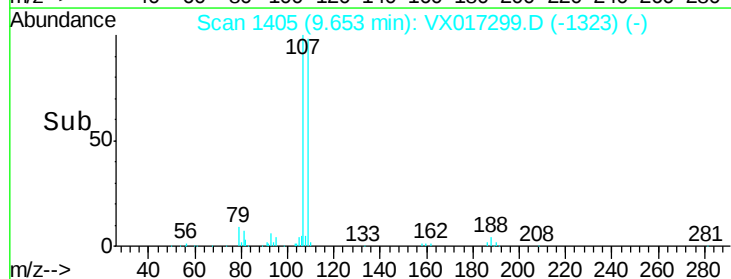
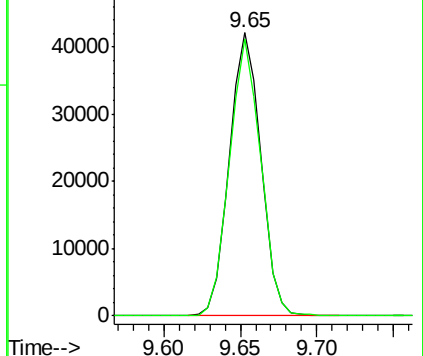
107 100

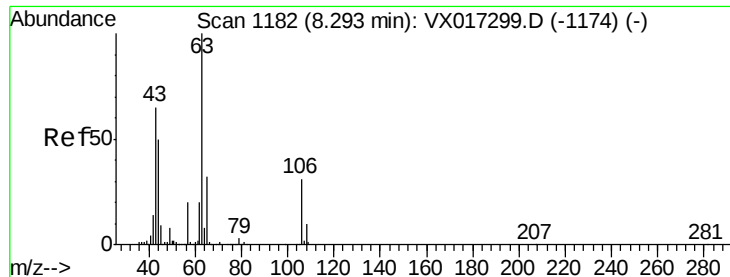
109 96.1 76.9 115.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

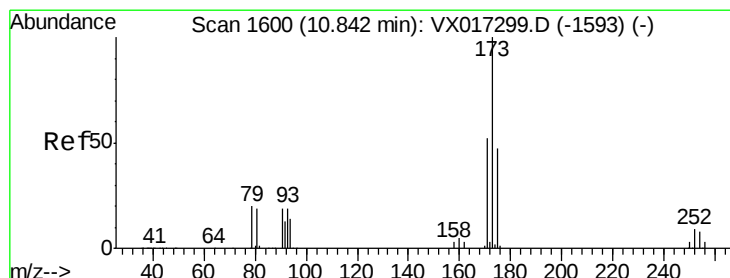
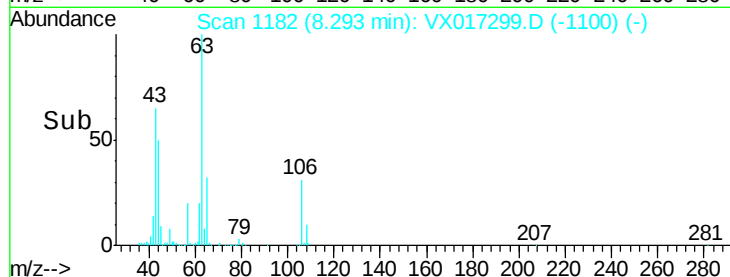
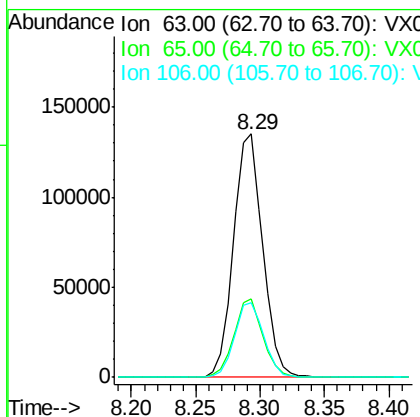
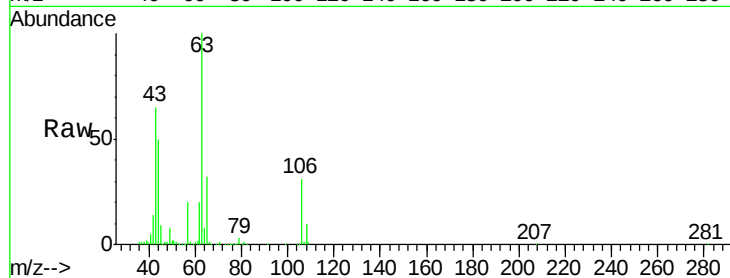




#55
 2-Chloroethyl vinyl ether
 Concen: 84.453 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

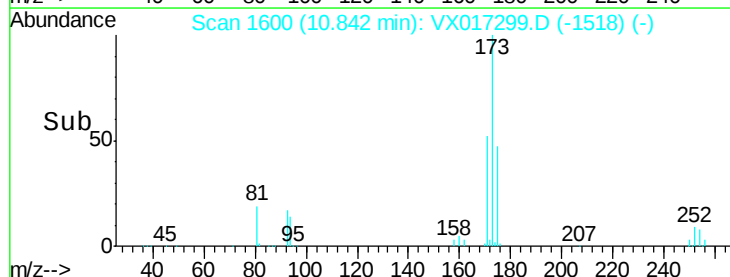
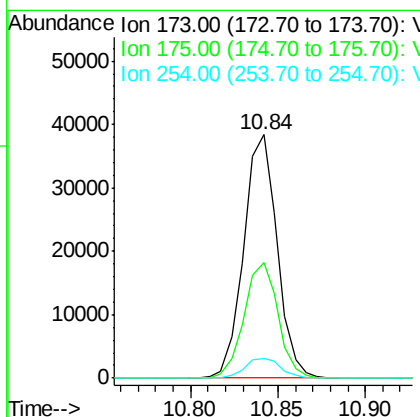
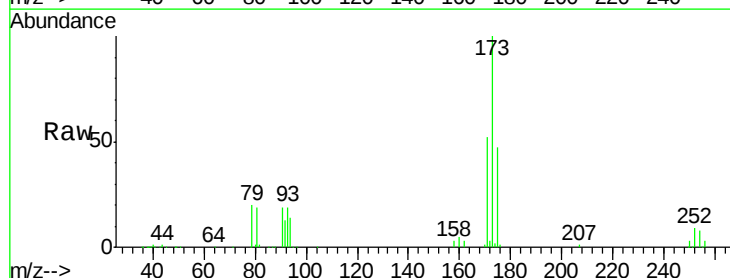
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

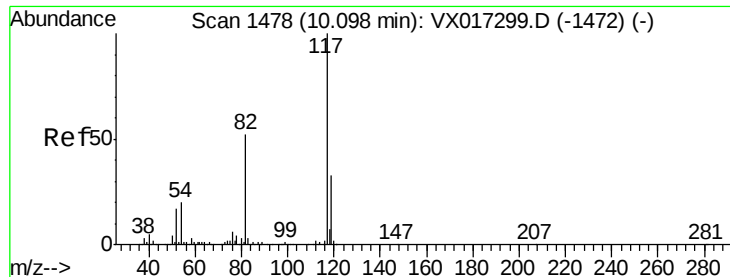
Tgt Ion: 63 Resp: 213488
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.4 38.0
 106 30.6 24.5 36.7



#56
 Bromoform
 Concen: 19.198 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion: 173 Resp: 51016
 Ion Ratio Lower Upper
 173 100
 175 48.0 38.4 57.6
 254 8.7 7.0 10.4

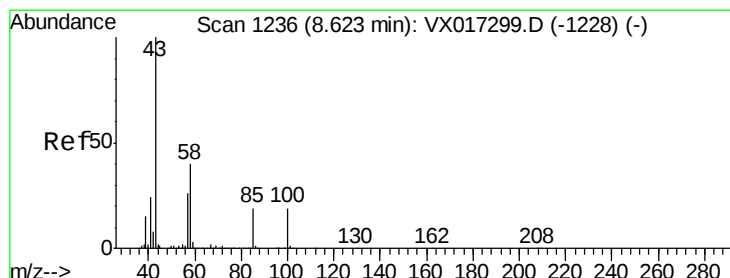
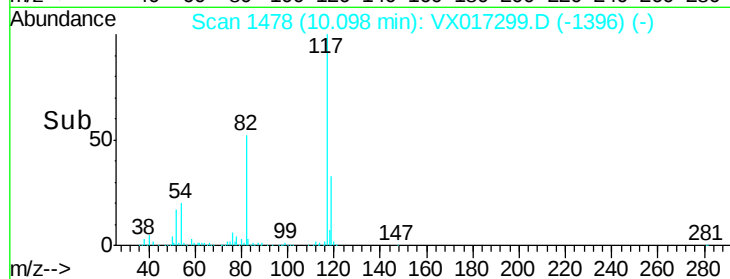
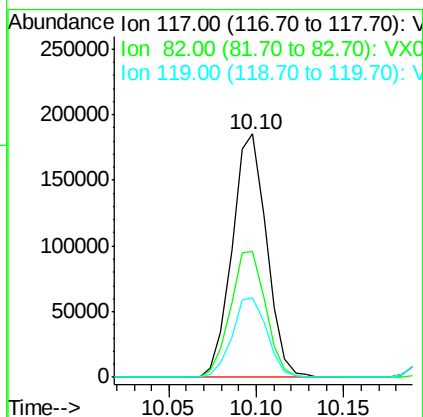
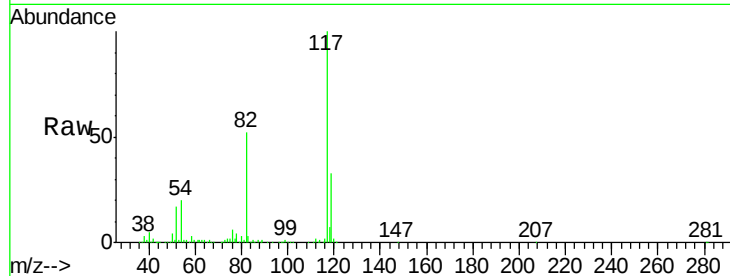




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

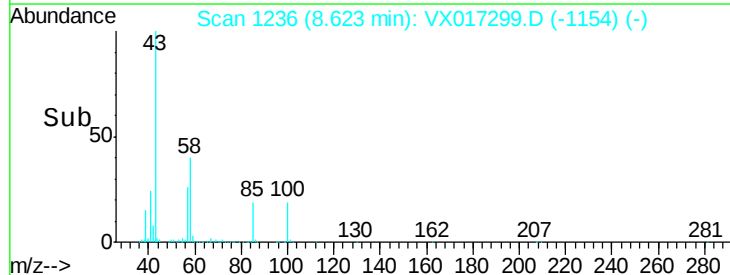
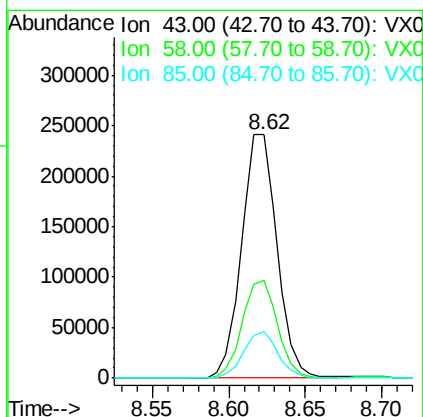
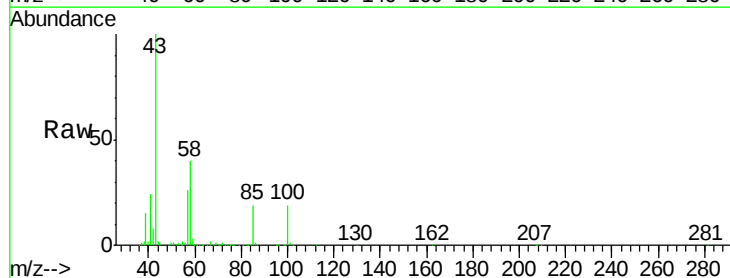
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

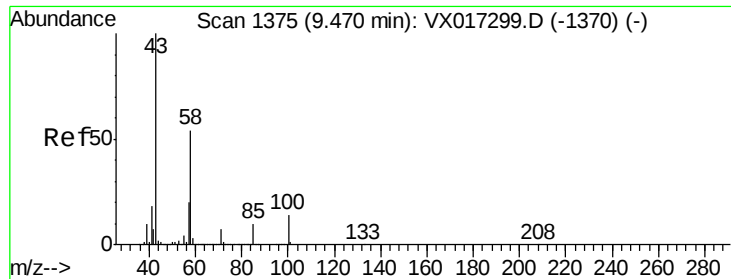
Tgt Ion: 117 Resp: 254730
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 33.0 26.4 39.6



#58
4-Methyl-2-Pentanone
Concen: 85.241 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion: 43 Resp: 388011
Ion Ratio Lower Upper
43 100
58 40.2 32.2 48.2
85 18.5 14.8 22.2

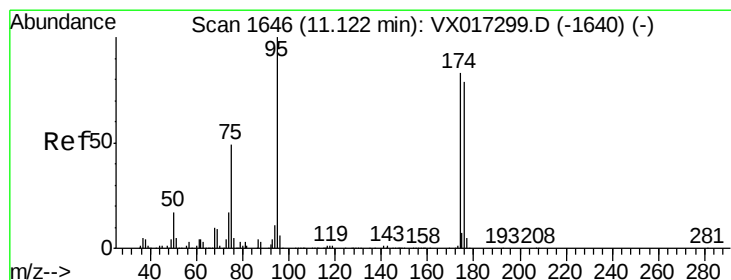
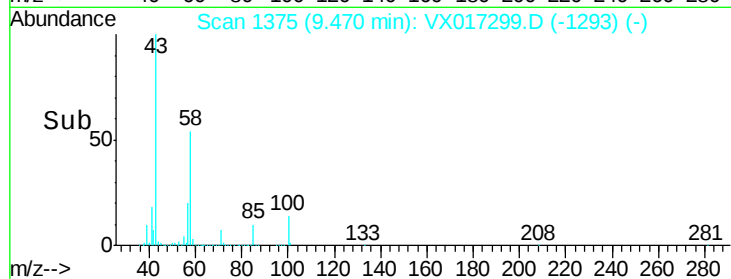
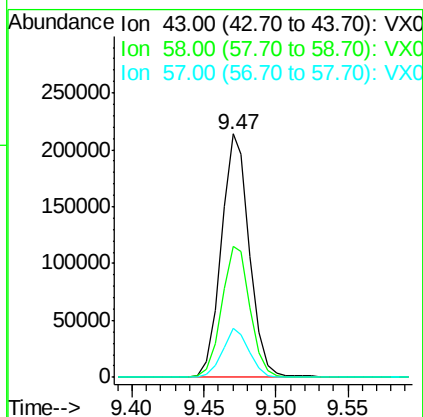
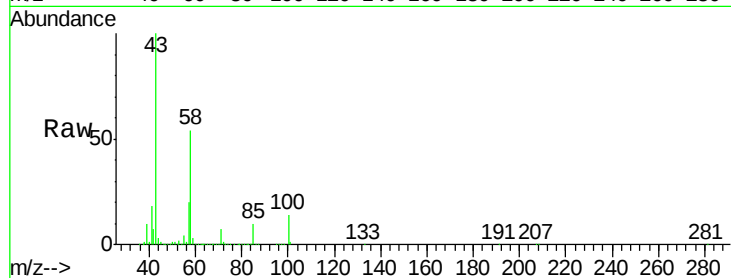




#59
2-Hexanone
Concen: 85.838 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

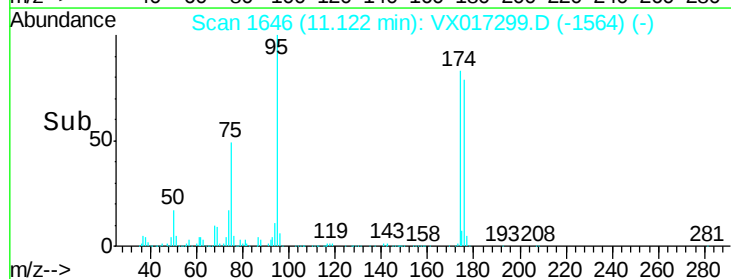
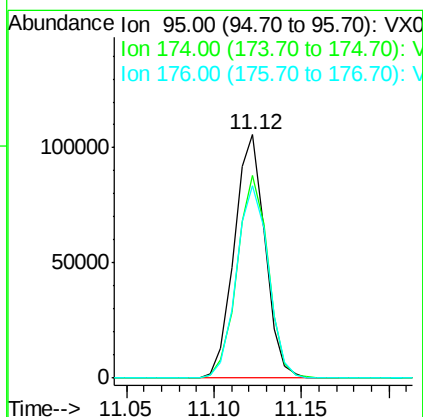
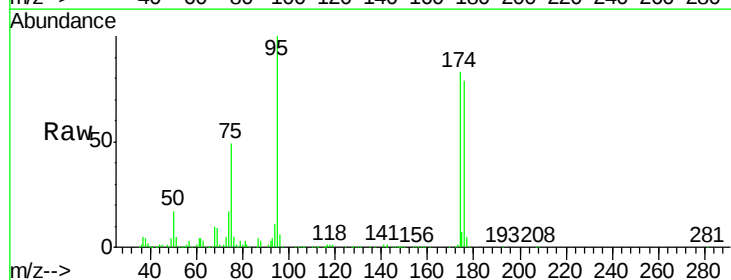
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

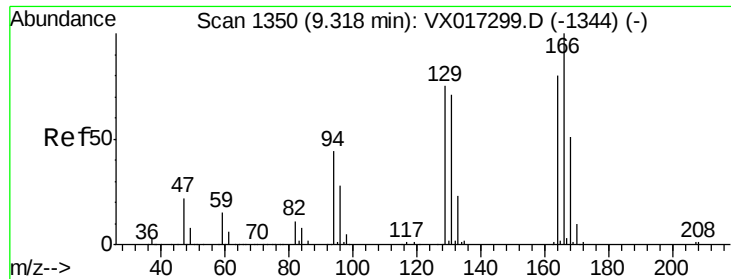
Tgt Ion: 43 Resp: 292215
Ion Ratio Lower Upper
43 100
58 54.2 43.4 65.0
57 18.9 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 30.263 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion: 95 Resp: 129652
Ion Ratio Lower Upper
95 100
174 83.6 66.9 100.3
176 81.9 65.5 98.3





#61

Tetrachloroethene

Concen: 19.354 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:164 Resp: 63114

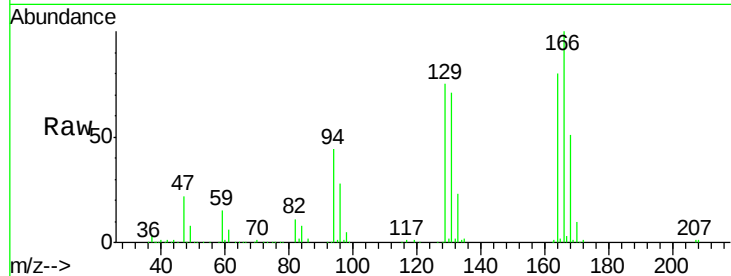
Ion Ratio Lower Upper

164 100

166 124.7 99.8 149.6

129 93.0 74.4 111.6

131 88.2 70.6 105.8

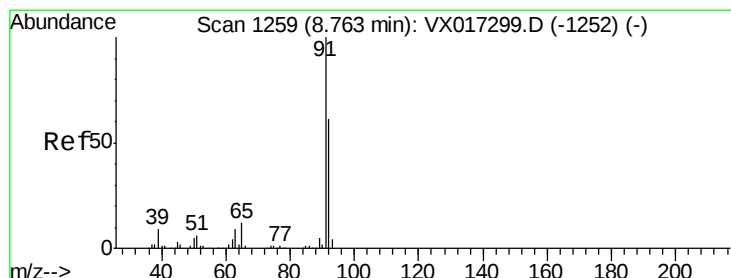
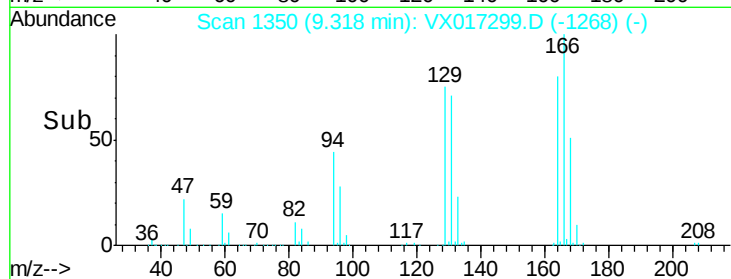
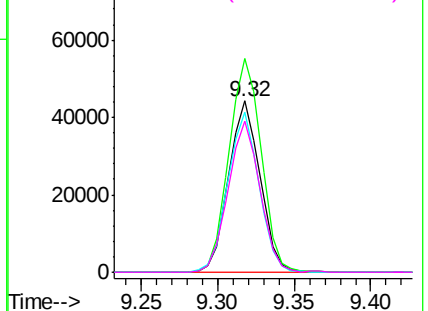


Abundance Ion 163.85 (163.55 to 164.55): V

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: 17.011 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017299.D

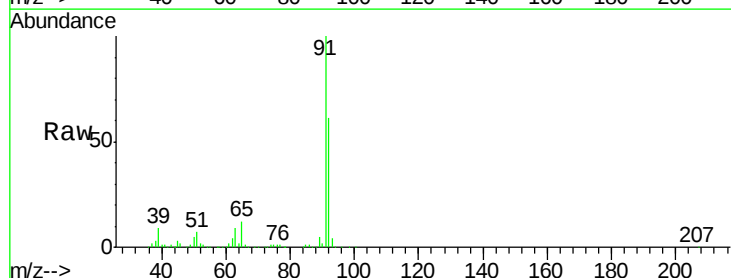
Acq: 09 Jul 2020 10:52

Tgt Ion: 91 Resp: 230193

Ion Ratio Lower Upper

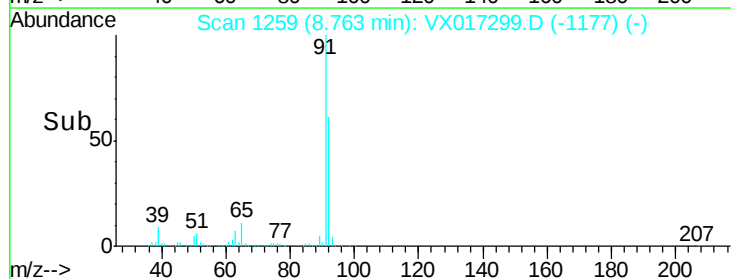
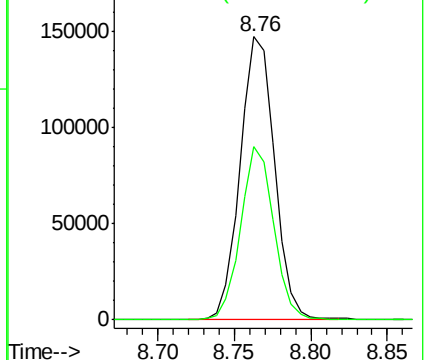
91 100

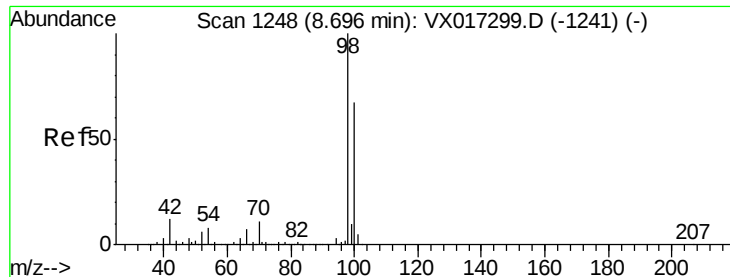
92 59.0 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.760 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

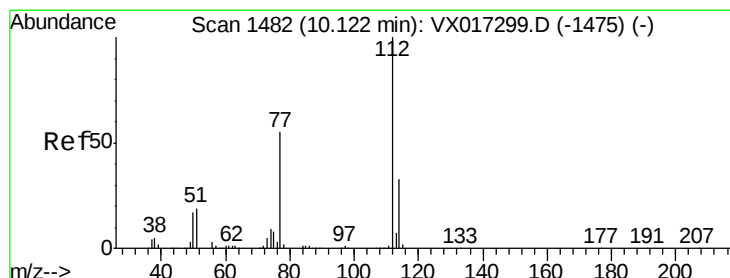
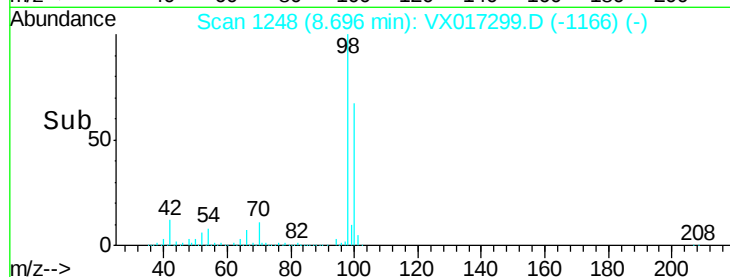
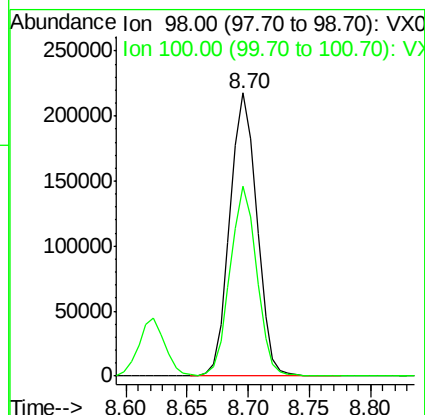
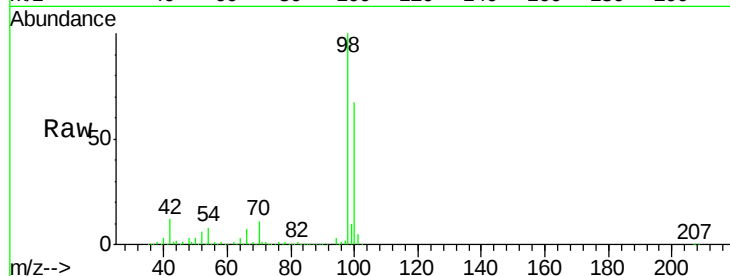
VSTDICCC020

Tgt Ion: 98 Resp: 333230

Ion Ratio Lower Upper

98 100

100 66.0 52.8 79.2



#64

Chlorobenzene

Concen: 17.409 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017299.D

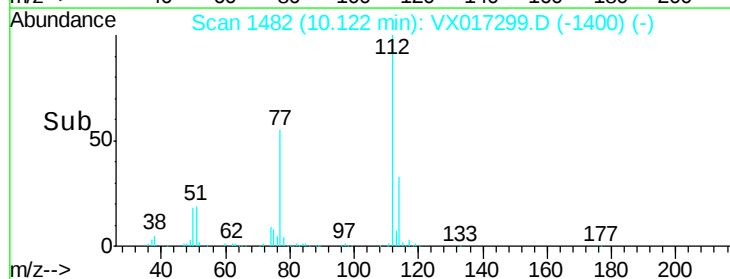
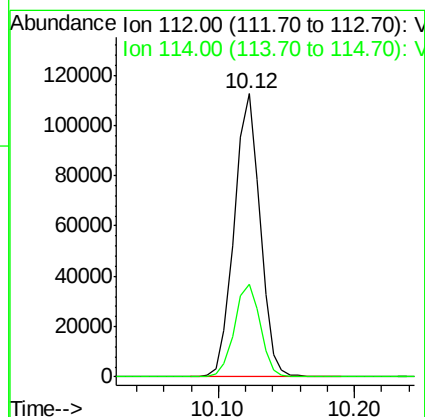
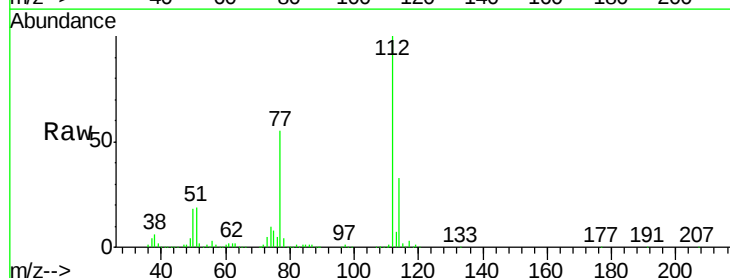
Acq: 09 Jul 2020 10:52

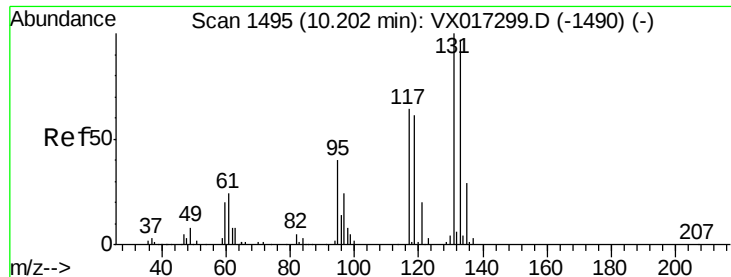
Tgt Ion: 112 Resp: 149106

Ion Ratio Lower Upper

112 100

114 32.7 26.2 39.2

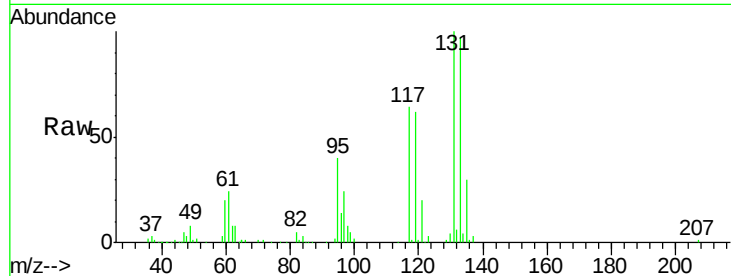




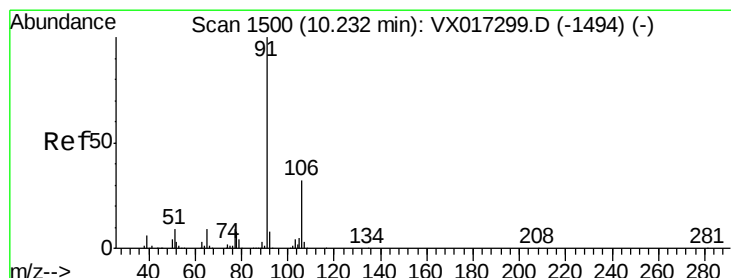
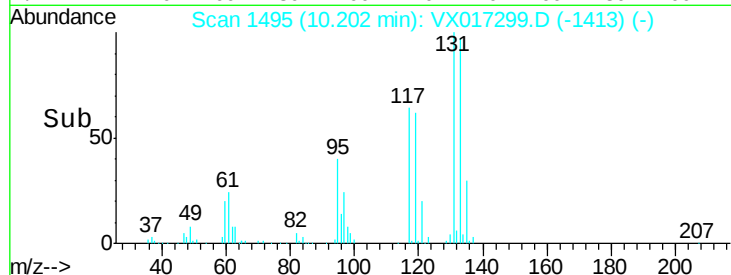
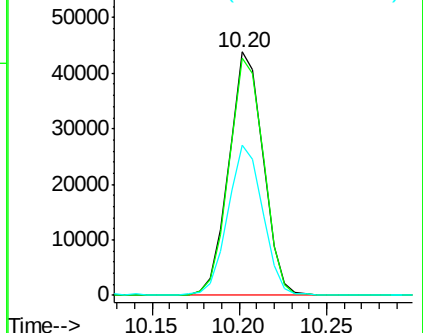
#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.441 ug/l
 RT: 10.20 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 131 Resp: 59980
 Ion Ratio Lower Upper
 131 100
 133 98.4 0.0 196.8
 119 63.0 0.0 126.0

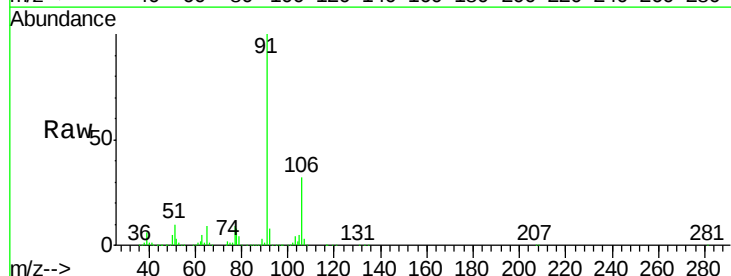


Abundance Ion 131.00 (130.70 to 131.70): V
 Ion 133.00 (132.70 to 133.70): V
 Ion 119.00 (118.70 to 119.70): V

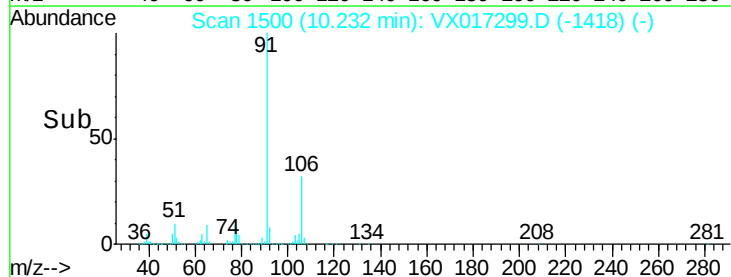
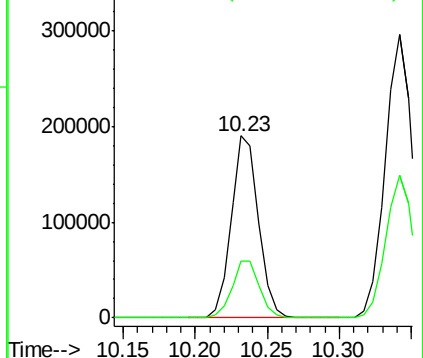


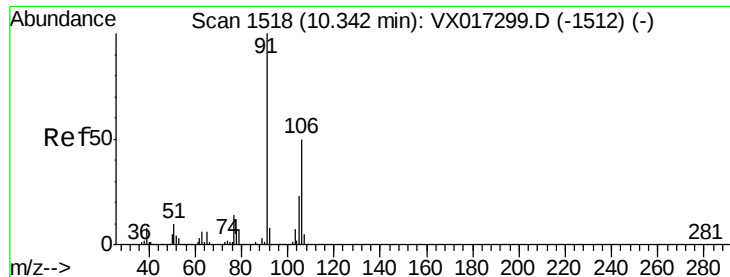
#66
 Ethyl Benzene
 Concen: 16.738 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion: 91 Resp: 251342
 Ion Ratio Lower Upper
 91 100
 106 31.5 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 34.443 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

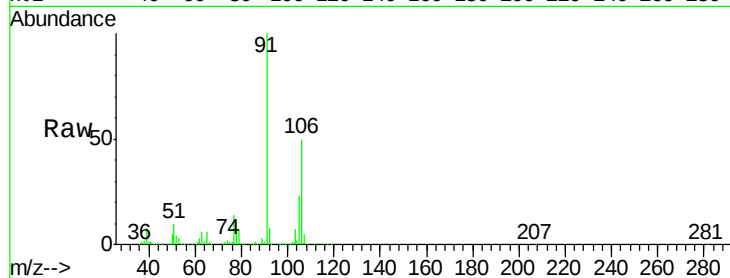
VSTDICCC020

Tgt Ion:106 Resp: 196668

Ion Ratio Lower Upper

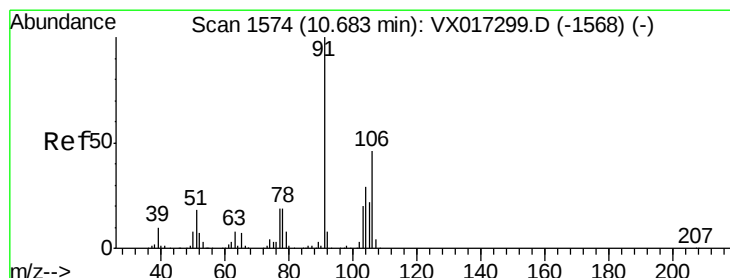
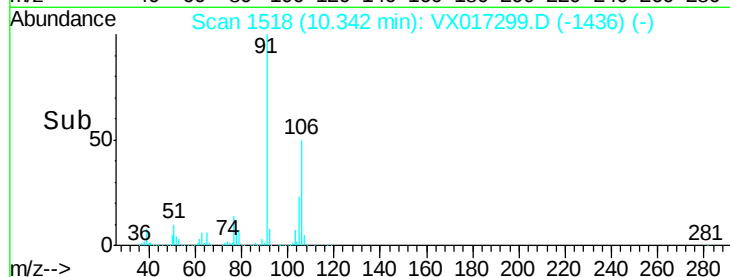
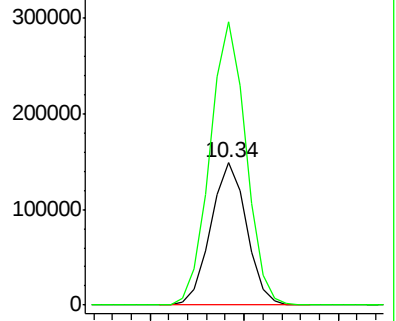
106 100

91 199.6 159.7 239.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 16.580 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX017299.D

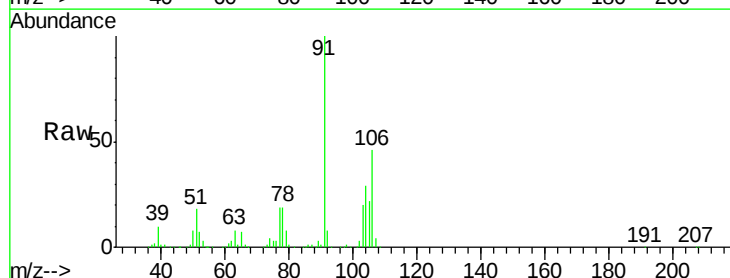
Acq: 09 Jul 2020 10:52

Tgt Ion:106 Resp: 90043

Ion Ratio Lower Upper

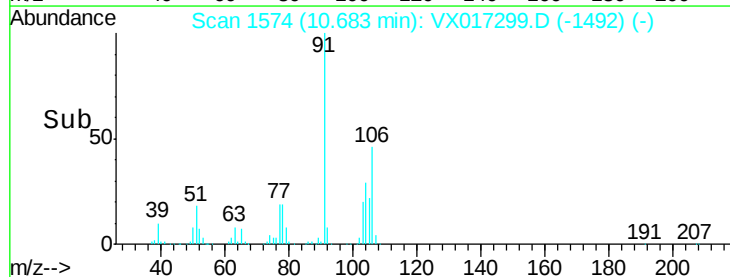
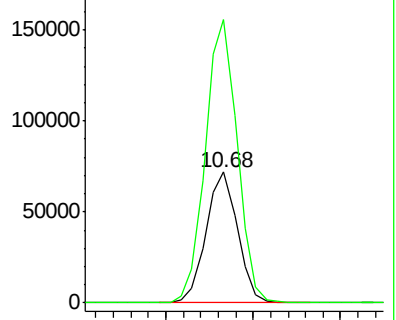
106 100

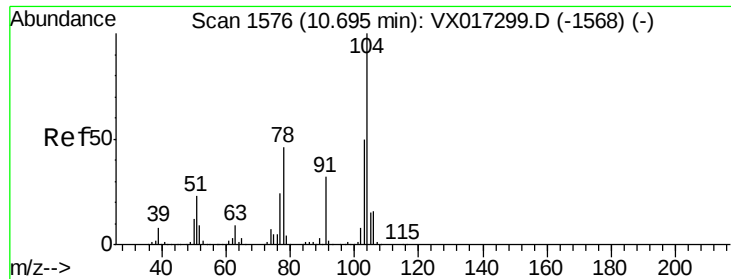
91 219.2 109.6 328.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Styrene

Concen: 16.976 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

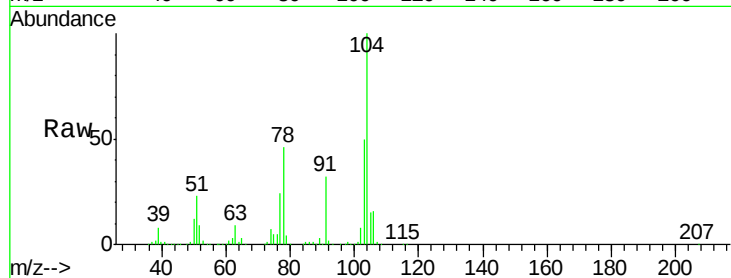
Tgt Ion:104 Resp: 159750

Ion Ratio Lower Upper

104 100

78 51.0 40.8 61.2

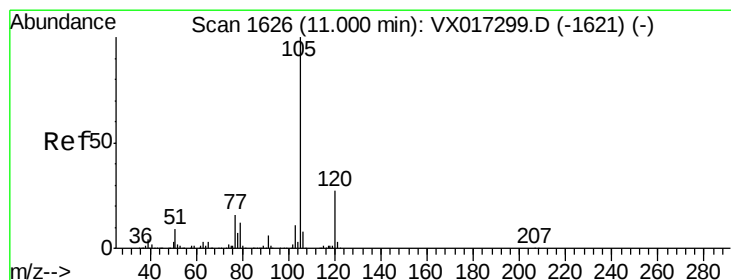
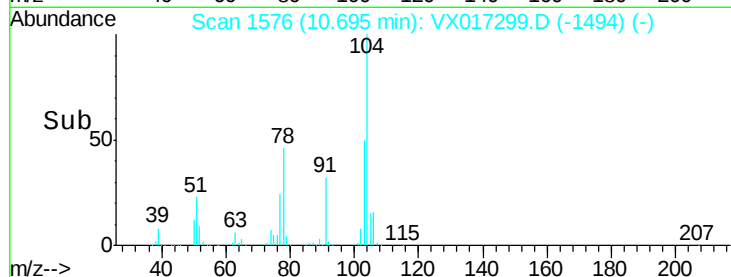
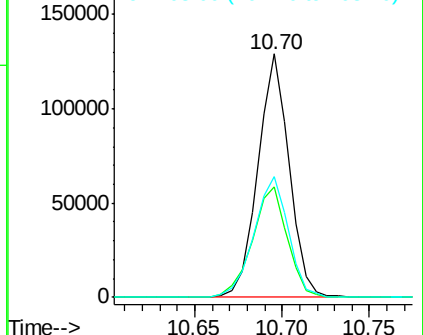
103 55.4 44.3 66.5



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: 17.085 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017299.D

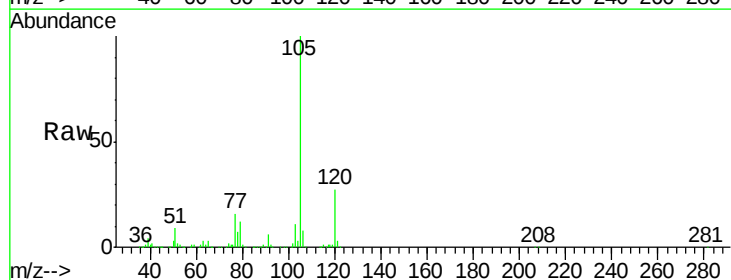
Acq: 09 Jul 2020 10:52

Tgt Ion:105 Resp: 254356

Ion Ratio Lower Upper

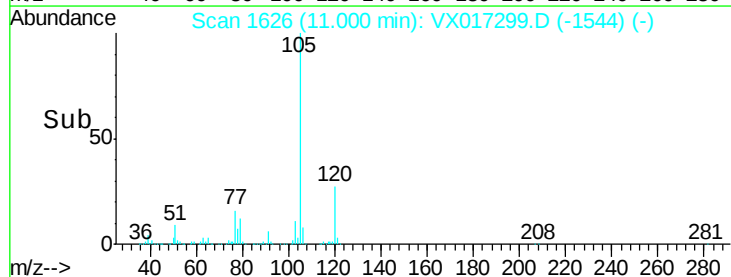
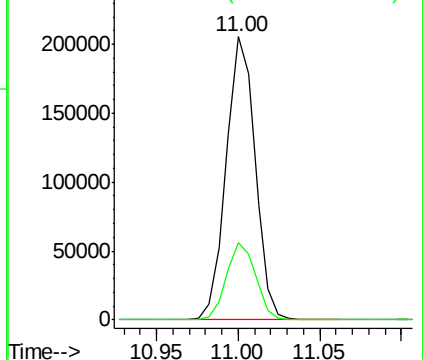
105 100

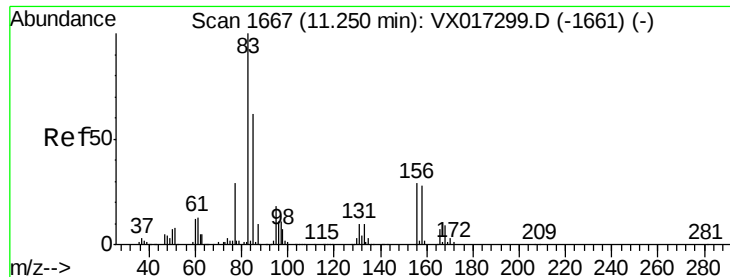
120 27.5 19.3 35.8



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: 17.495 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

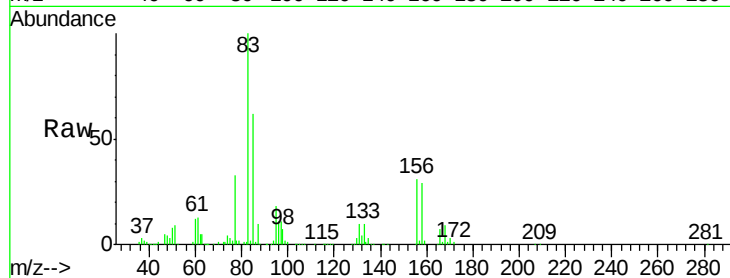
Tgt Ion: 83 Resp: 80272

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.5

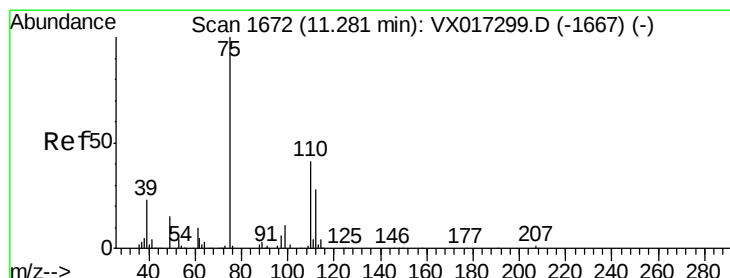
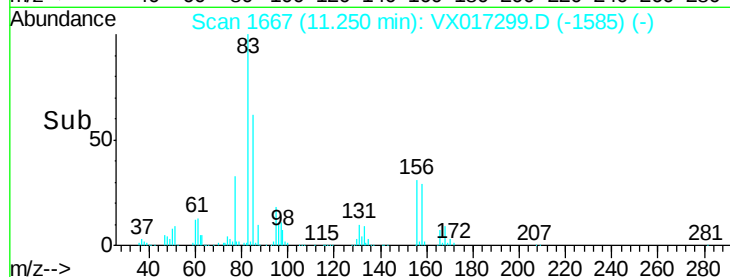
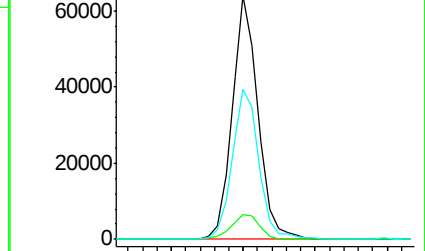
85 63.0 31.5 94.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 23.057 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017299.D

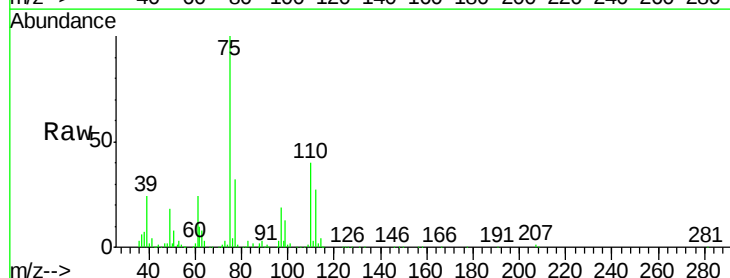
Acq: 09 Jul 2020 10:52

Tgt Ion: 75 Resp: 101694

Ion Ratio Lower Upper

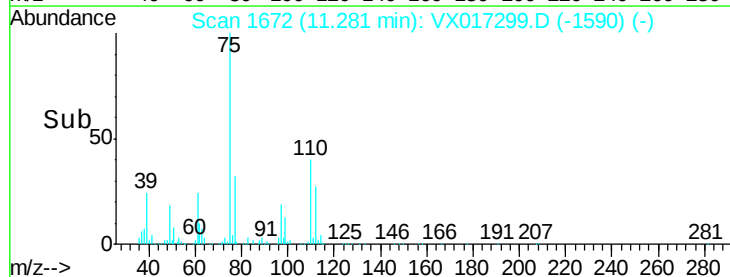
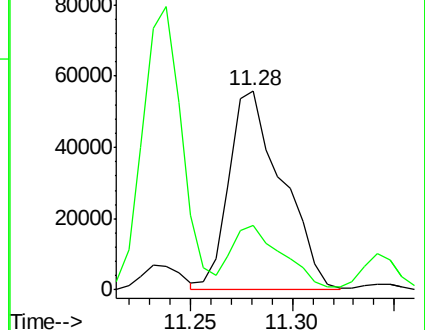
75 100

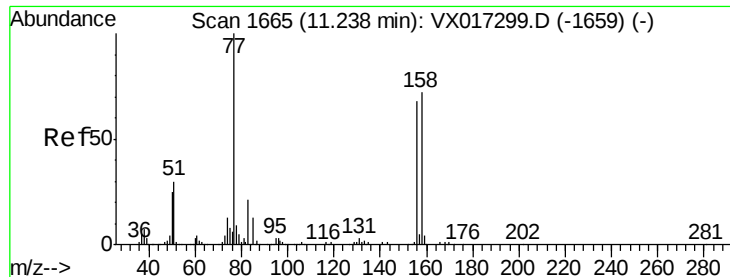
77 28.6 0.0 72.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.675 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

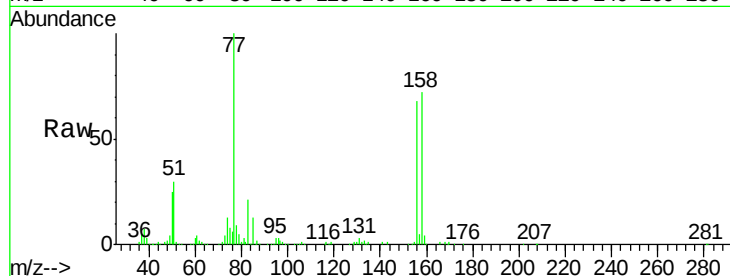
Tgt Ion:156 Resp: 71156

Ion Ratio Lower Upper

156 100

77 149.6 0.0 299.2

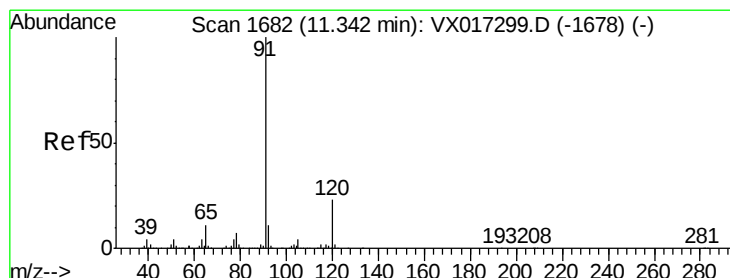
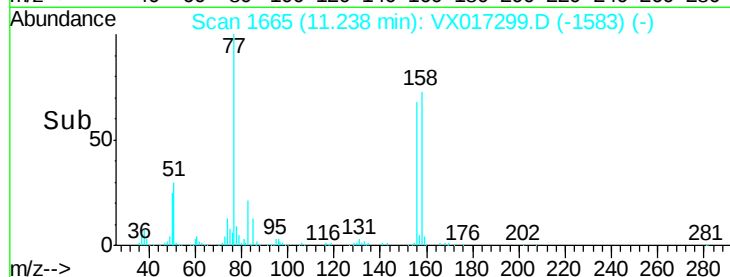
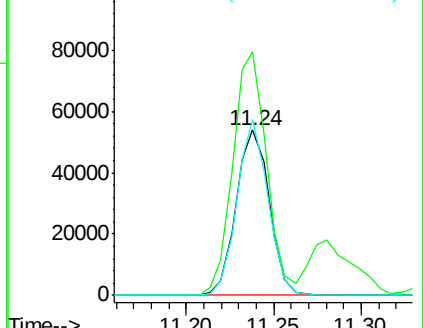
158 99.5 0.0 199.0



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: 16.497 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017299.D

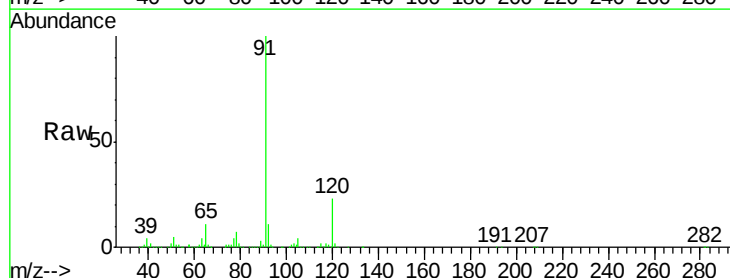
Acq: 09 Jul 2020 10:52

Tgt Ion: 91 Resp: 289751

Ion Ratio Lower Upper

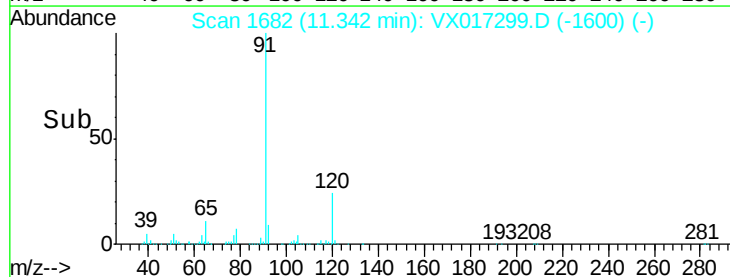
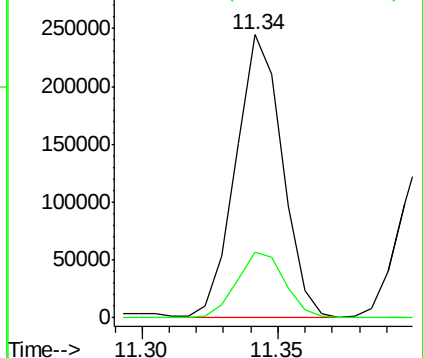
91 100

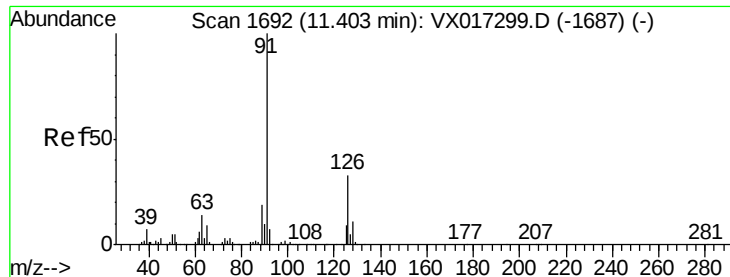
120 24.2 0.0 48.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 17.311 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampled :

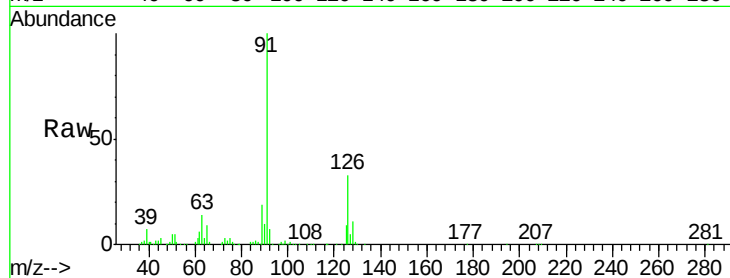
VSTDICCC020

Tgt Ion: 91 Resp: 179465

Ion Ratio Lower Upper

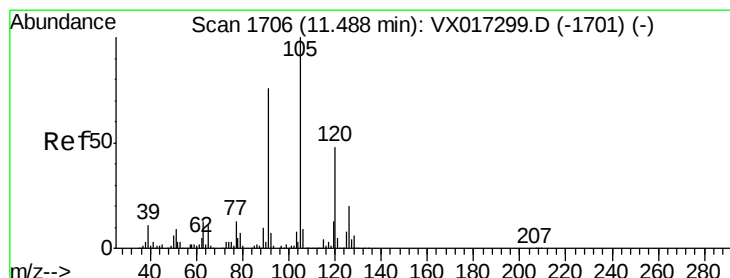
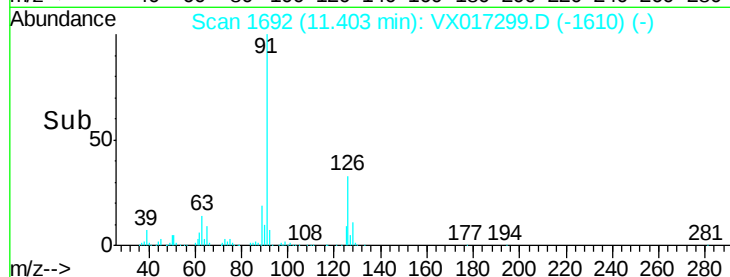
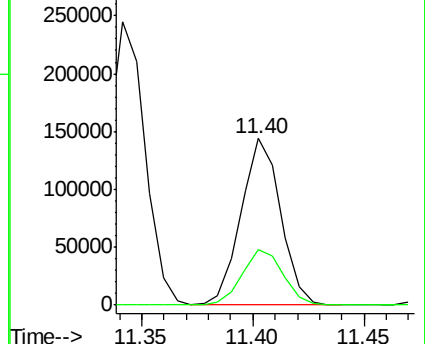
91 100

126 34.2 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 17.323 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX017299.D

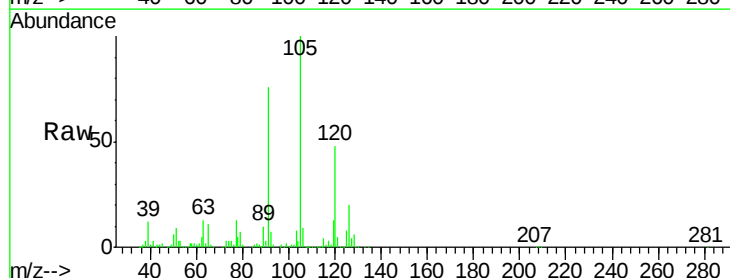
Acq: 09 Jul 2020 10:52

Tgt Ion: 105 Resp: 217266

Ion Ratio Lower Upper

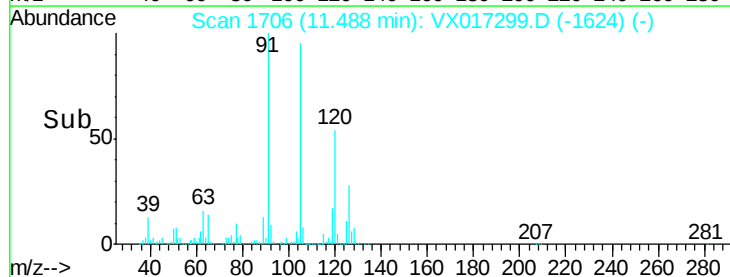
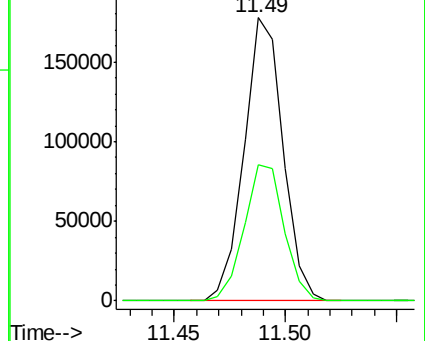
105 100

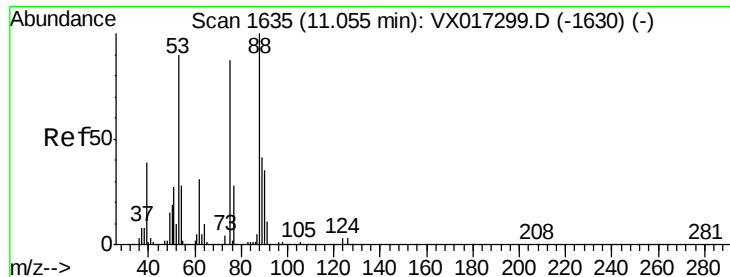
120 49.4 0.0 98.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 16.453 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

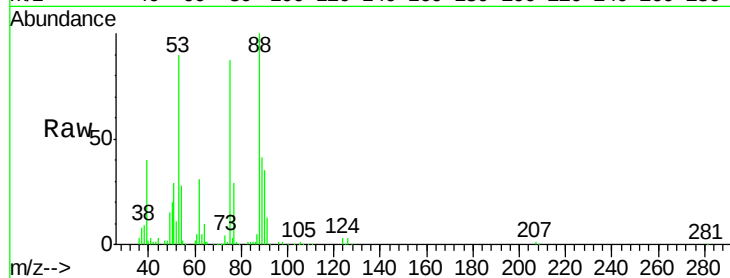
Tgt Ion: 75 Resp: 29197

Ion Ratio Lower Upper

75 100

53 104.2 52.1 156.3

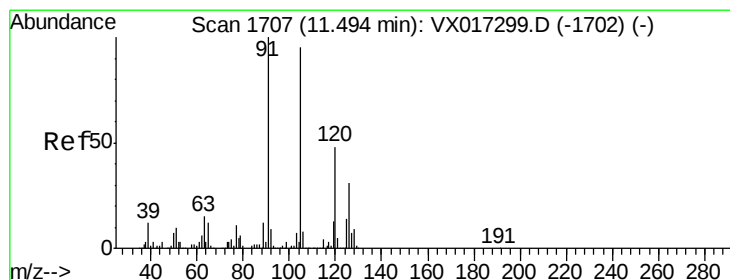
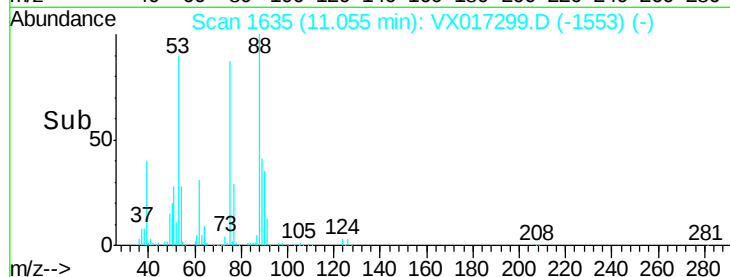
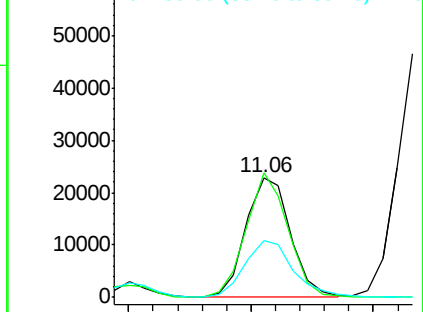
89 47.4 23.7 71.1



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 17.230 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017299.D

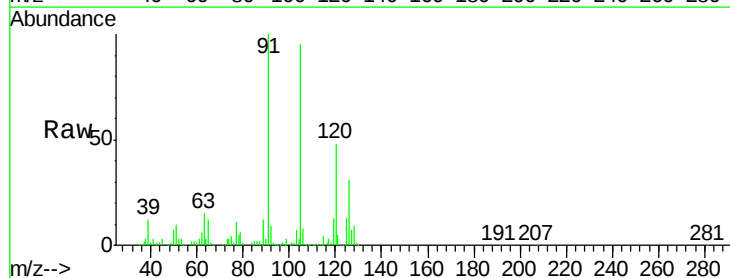
Acq: 09 Jul 2020 10:52

Tgt Ion: 91 Resp: 211089

Ion Ratio Lower Upper

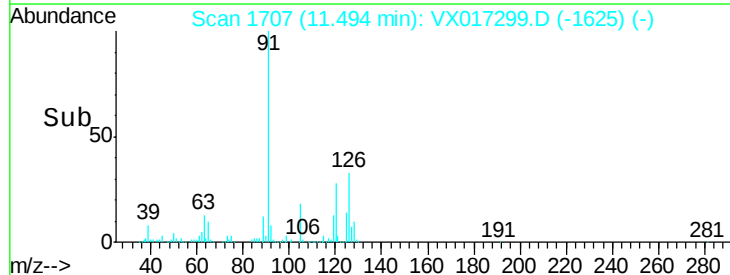
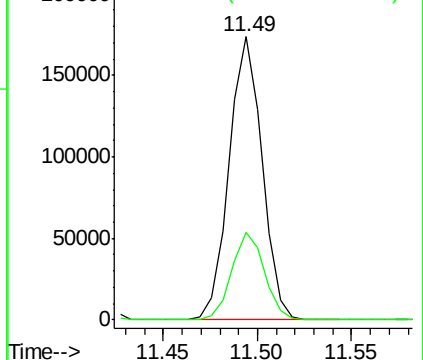
91 100

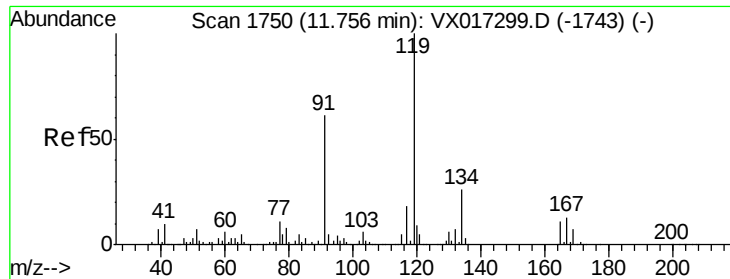
126 30.6 0.0 61.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

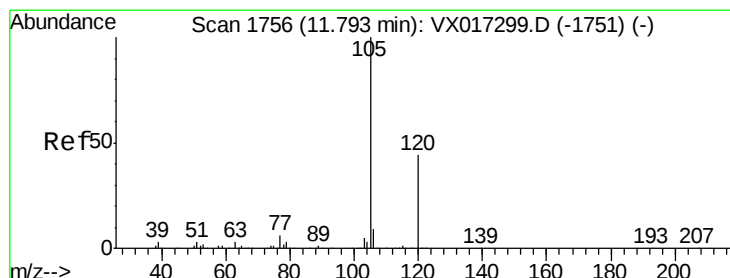
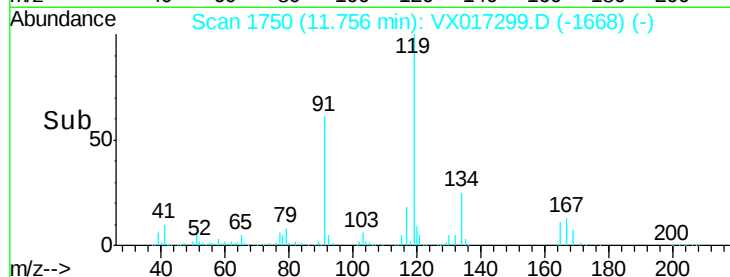
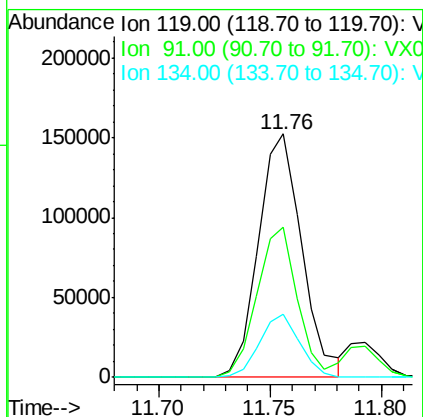
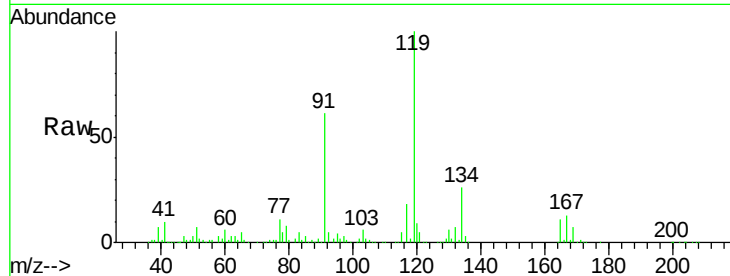




#79
tert-butylbenzene
Concen: 17.243 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

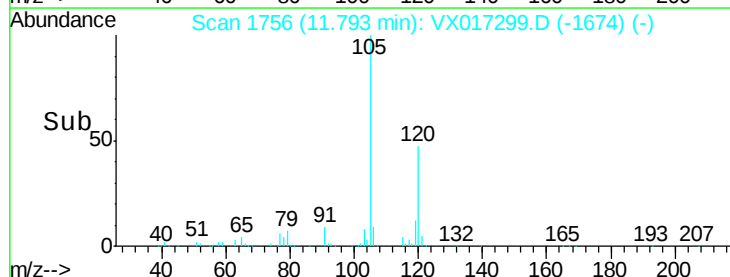
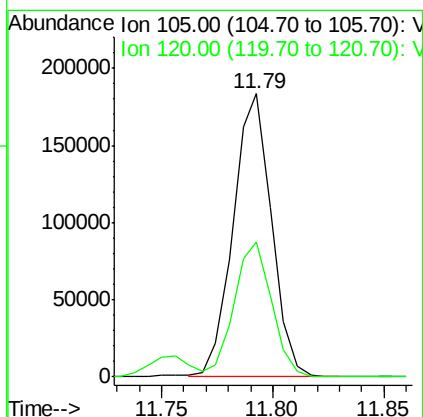
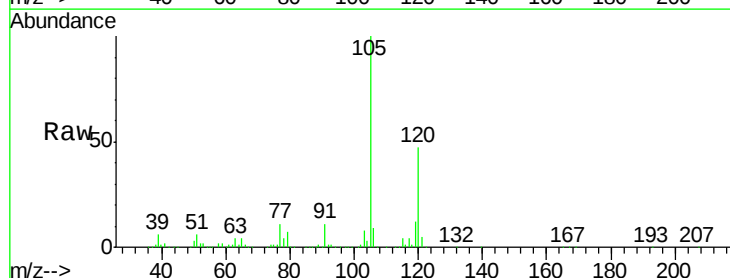
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

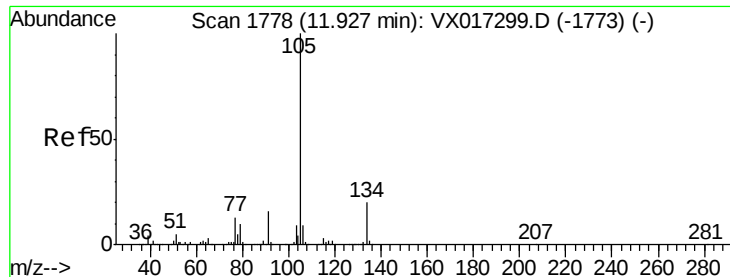
Tgt Ion:119 Resp: 206804
Ion Ratio Lower Upper
119 100
91 56.8 0.0 113.6
134 24.0 0.0 48.0



#80
1,2,4-Trimethylbenzene
Concen: 17.439 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion:105 Resp: 219443
Ion Ratio Lower Upper
105 100
120 46.8 0.0 93.6

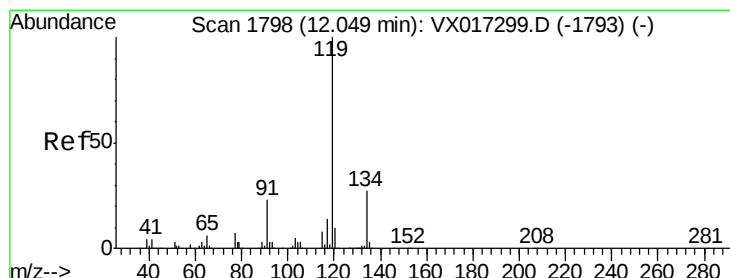
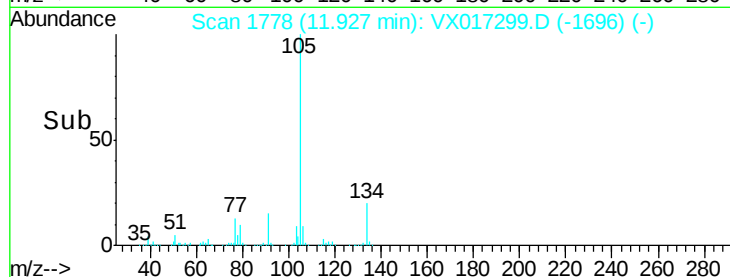
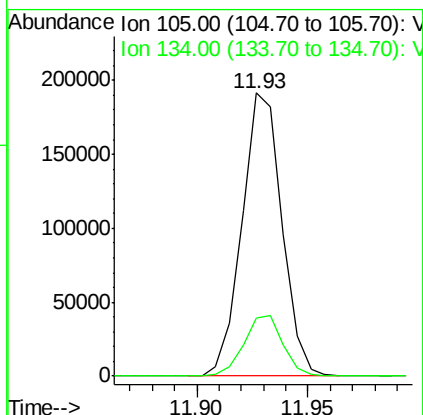
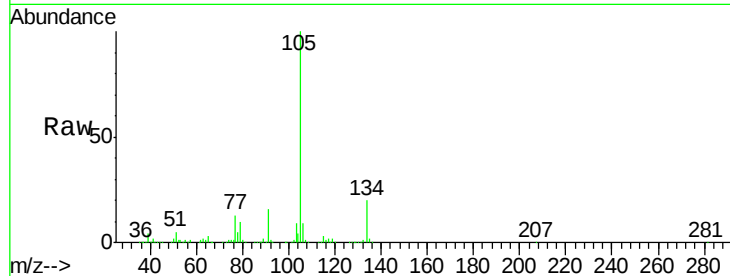




#81
 sec-Butylbenzene
 Concen: 16.634 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

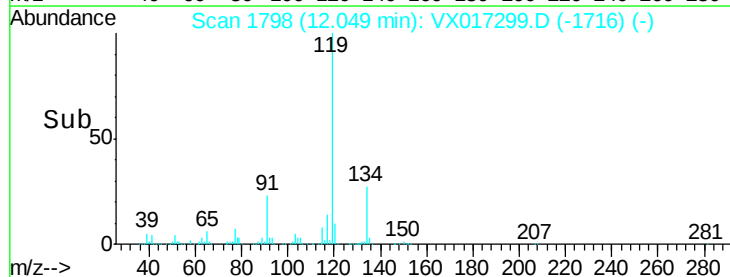
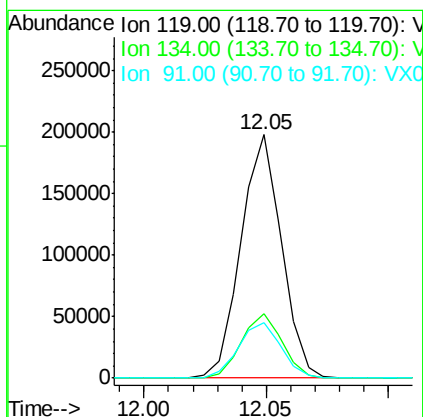
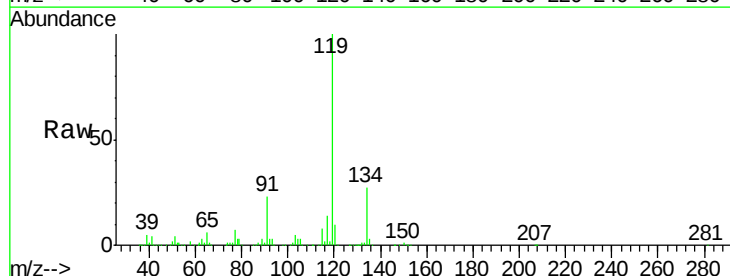
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

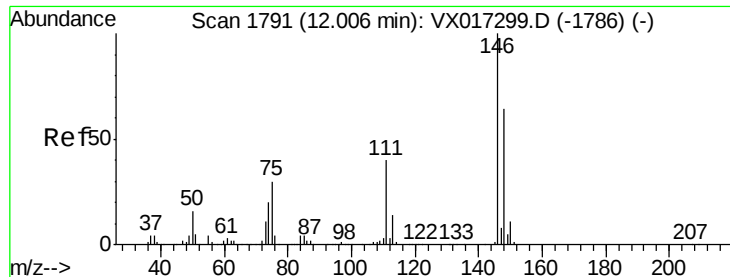
Tgt Ion:105 Resp: 240162
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 17.284 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion:119 Resp: 226984
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 53.6
 91 24.0 0.0 48.0

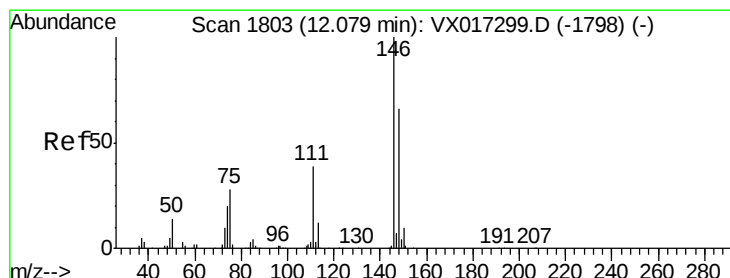
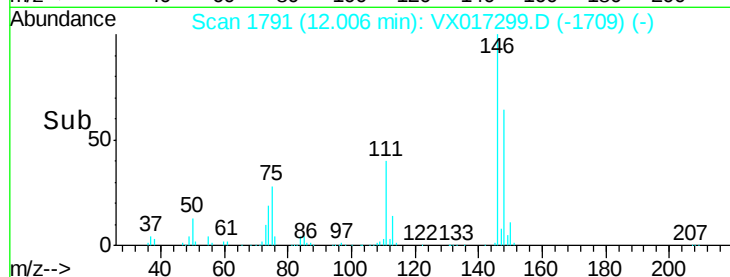
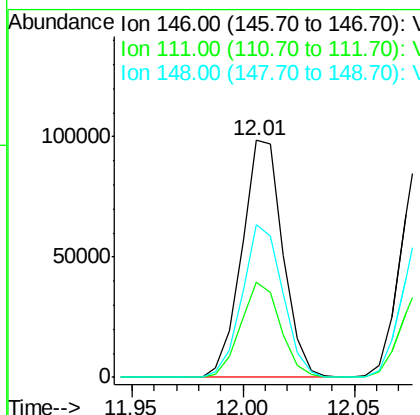
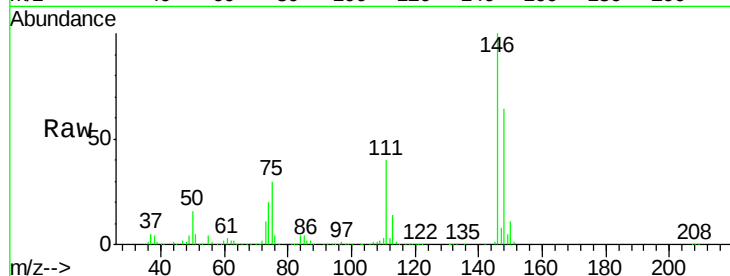




#83
 1,3-Dichlorobenzene
 Concen: 18.551 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

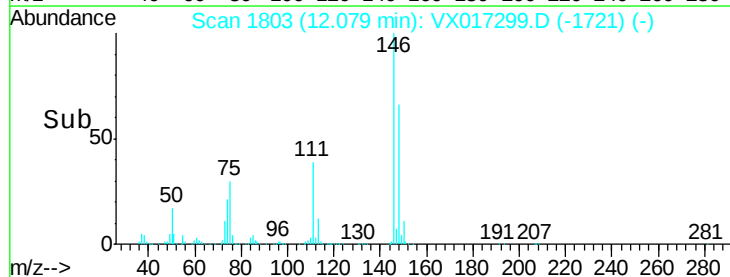
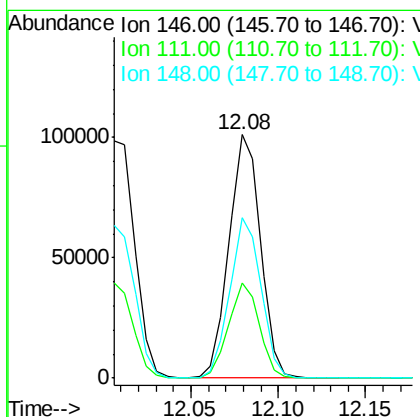
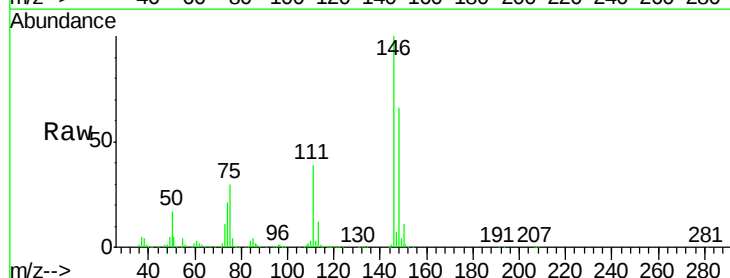
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC020

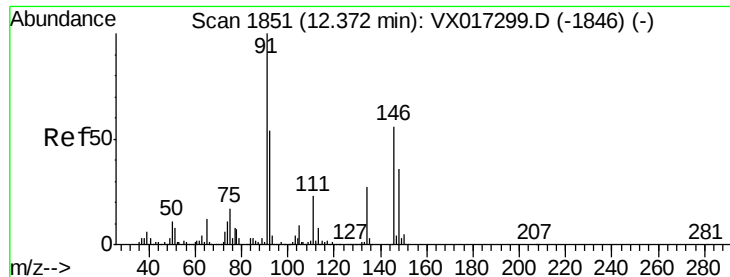
Tgt Ion:146 Resp: 126989
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.5 58.5
 148 63.5 31.8 95.3



#84
 1,4-Dichlorobenzene
 Concen: 18.482 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion:146 Resp: 127073
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.3
 148 65.2 32.6 97.8

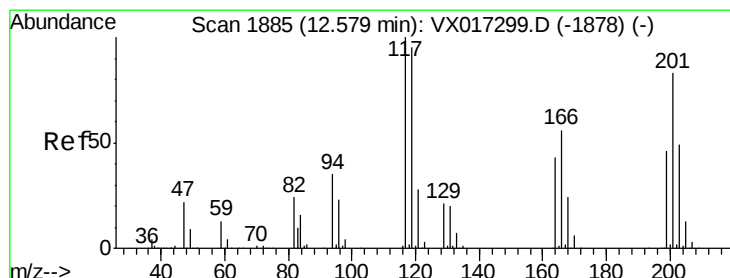
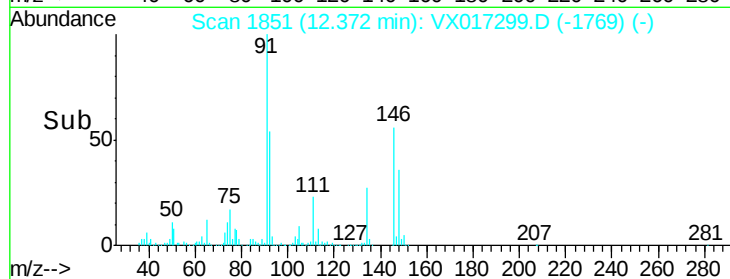
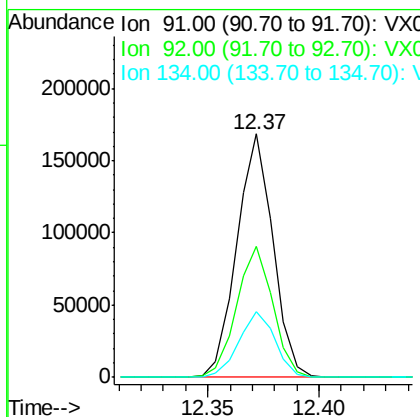
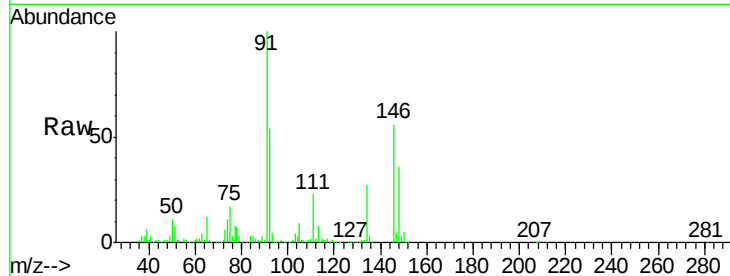




#85
n-Butylbenzene
Concen: 15.880 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

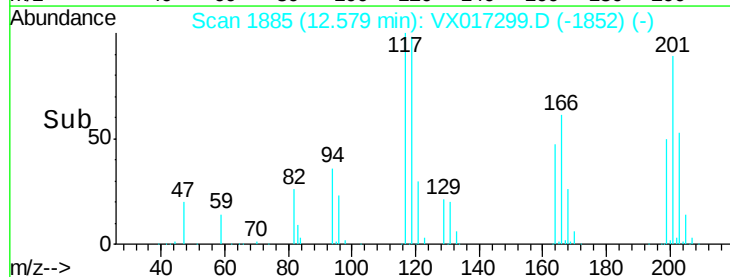
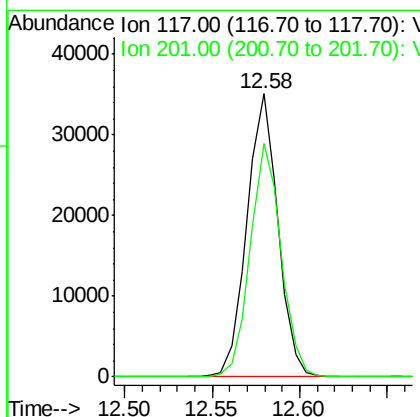
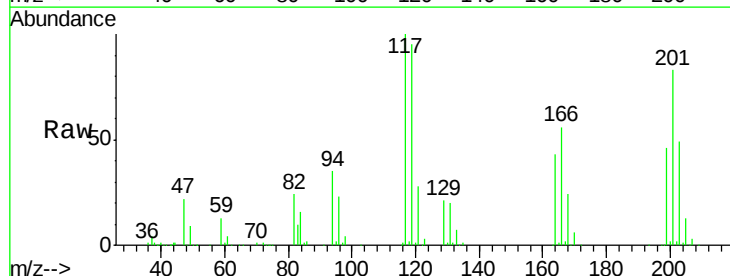
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

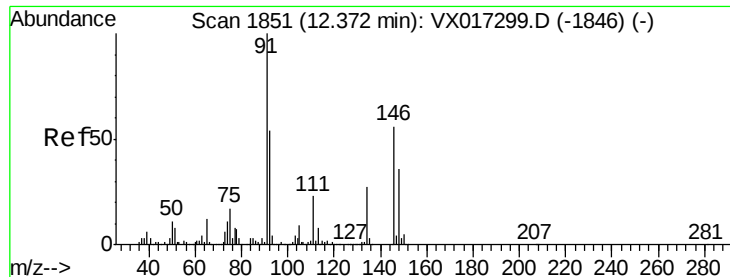
Tgt Ion: 91 Resp: 190264
Ion Ratio Lower Upper
91 100
92 54.1 0.0 108.2
134 27.1 0.0 54.2



#86
Hexachloroethane
Concen: 16.929 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion: 117 Resp: 43246
Ion Ratio Lower Upper
117 100
201 82.0 41.0 123.0





#87

1,2-Dichlorobenzene

Concen: 18.866 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

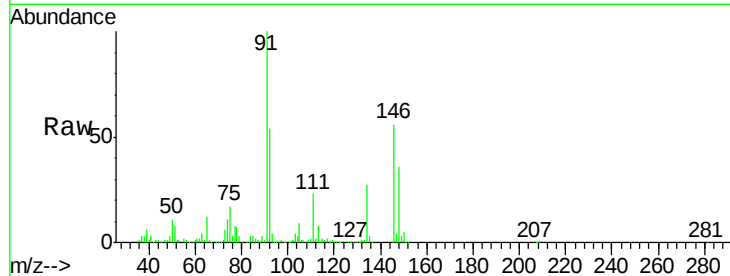
Tgt Ion:146 Resp: 121172

Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.9

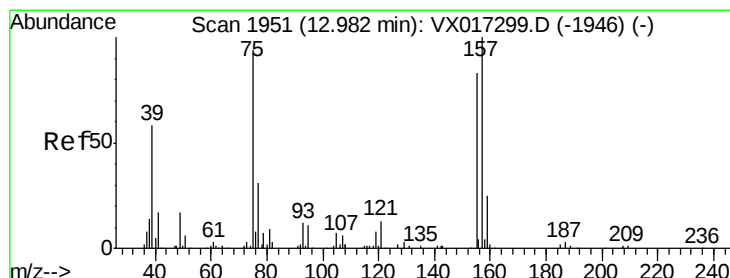
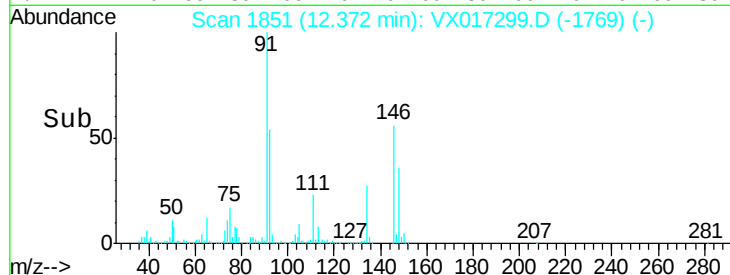
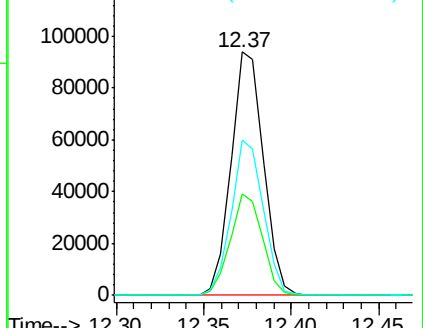
148 63.2 31.6 94.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.333 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

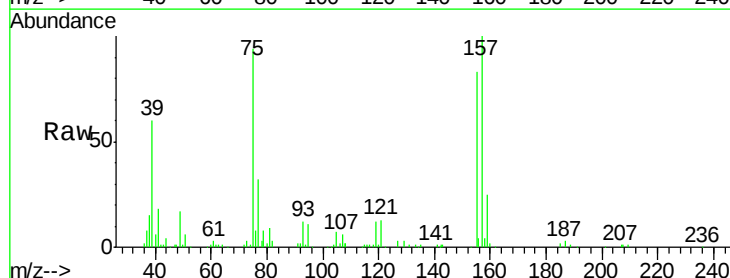
Tgt Ion: 75 Resp: 19260

Ion Ratio Lower Upper

75 100

155 91.7 73.4 110.0

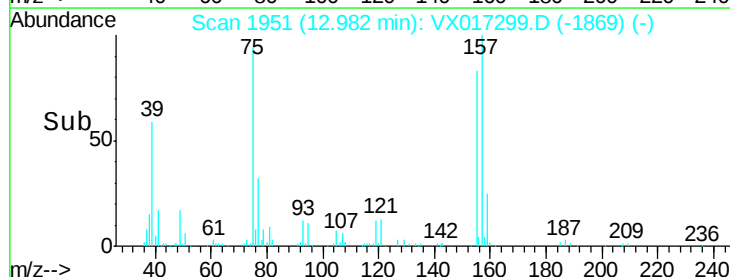
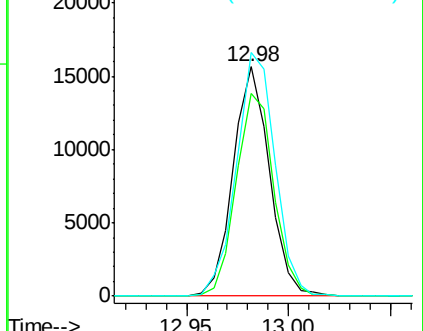
157 113.1 90.5 135.7

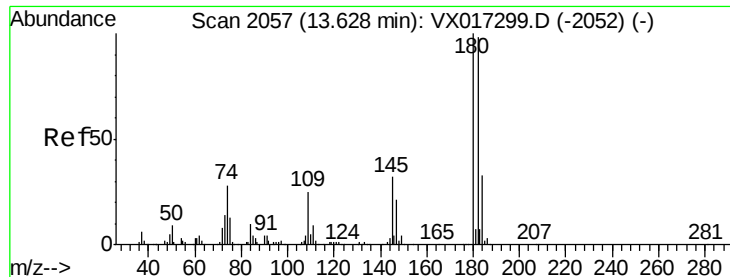


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

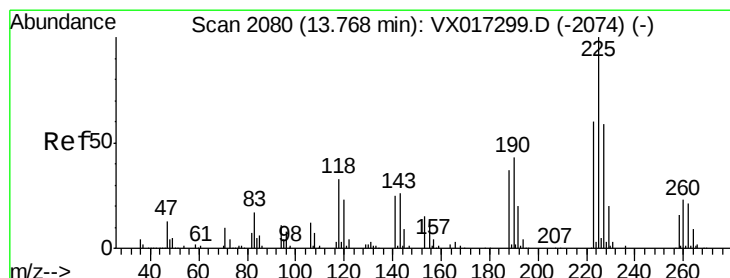
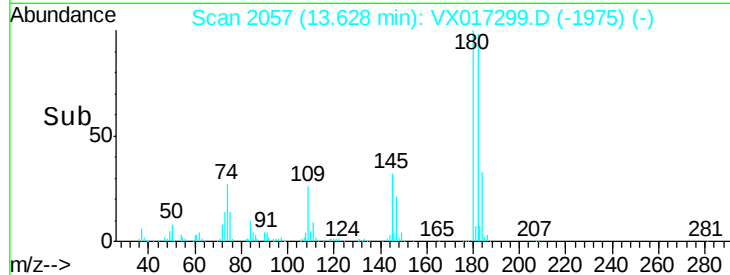
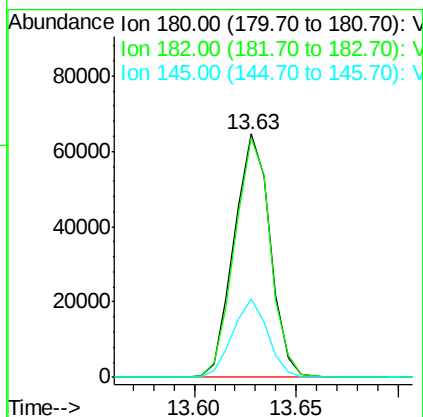
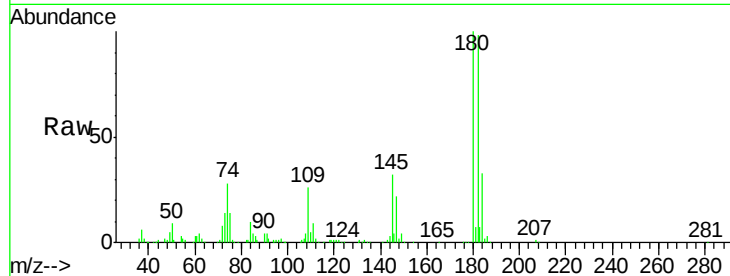




#89
1,2,4-Trichlorobenzene
Concen: 18.218 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

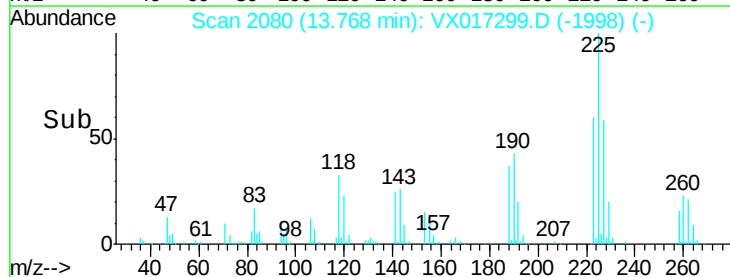
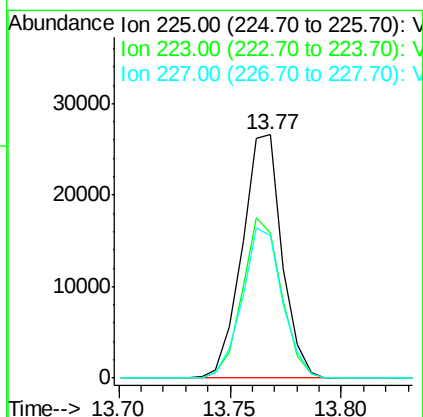
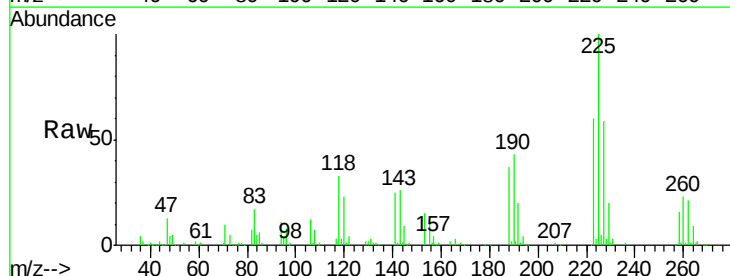
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

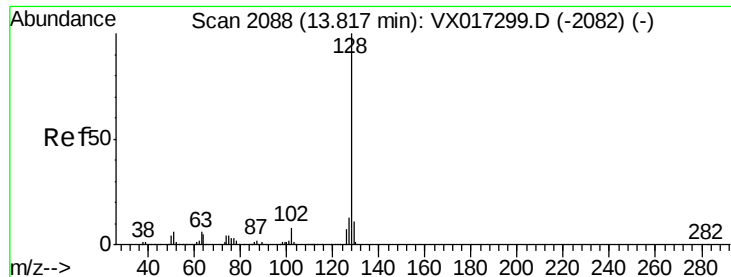
Tgt Ion:180 Resp: 79115
Ion Ratio Lower Upper
180 100
182 97.3 77.8 116.8
145 31.2 25.0 37.4



#90
Hexachlorobutadiene
Concen: 19.694 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion:225 Resp: 33164
Ion Ratio Lower Upper
225 100
223 64.5 0.0 129.0
227 62.2 0.0 124.4

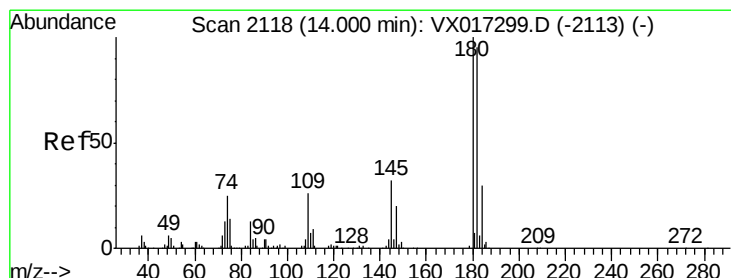
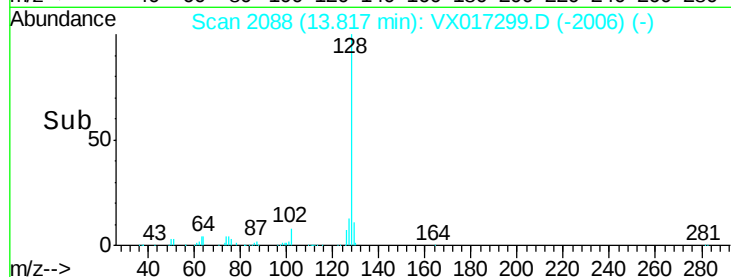
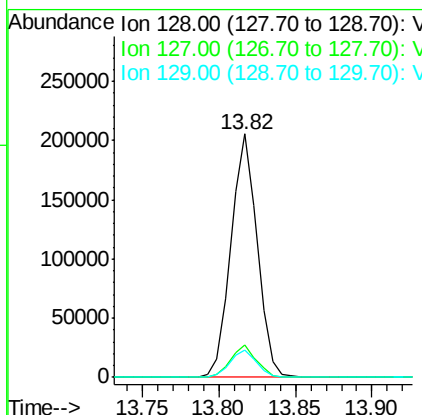
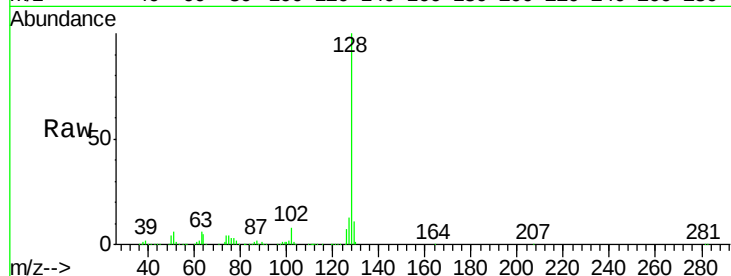




#91
Naphthalene
Concen: 17.468 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 244343
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.2 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 19.048 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion:180 Resp: 81178
Ion Ratio Lower Upper
180 100
182 92.8 0.0 185.6
145 31.5 0.0 63.0

