

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
 Data File : VX017609.D
 Acq On : 27 Jul 2020 10:08
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Quant Time: Jul 27 11:34:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:26:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	101426	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	534770	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	540190	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	229278	31.30	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.33%
60) 4-Bromofluorobenzene	11.12	95	274219	29.36	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.87%
63) Toluene-d8	8.70	98	696774	29.49	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	440210	84.299 ug/l	97
3) Chloromethane	1.32	50	395568	73.277 ug/l	100
4) Vinyl Chloride	1.39	62	392232	70.564 ug/l	98
5) Bromomethane	1.62	94	241397	66.762 ug/l	98
6) Chloroethane	1.71	64	217350	62.155 ug/l	99
7) Trichlorofluoromethane	1.92	101	595165	63.574 ug/l	99
8) Diethyl Ether	2.17	74	165763	52.807 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	258661	53.118 ug/l	99
10) 1,1-Dichloroethene	2.36	96	232984	48.890 ug/l	98
11) Methyl Iodide	2.49	142	331478	57.760 ug/l	95
12) Methyl Acetate	2.75	43	370119	54.771 ug/l	99
13) Acrolein	2.27	56	264837	301.515 ug/l	98
14) Acrylonitrile	3.12	53	801993	267.893 ug/l	99
15) Acetone	2.42	58	216182	279.372 ug/l	98
16) Carbon Disulfide	2.55	76	660696	51.606 ug/l	100
17) Allyl chloride	2.71	41	456903	51.212 ug/l	98
18) Methylene Chloride	2.84	84	281782	48.287 ug/l	99
19) trans-1,2-Dichloroethene	3.14	96	261689	48.088 ug/l	92
20) Diisopropyl ether	3.82	45	929734	52.411 ug/l #	87
21) 1,1-Dichloroethane	3.67	63	504911	51.323 ug/l	98
22) cis-1,2-Dichloroethene	4.57	96	296696	47.246 ug/l	100
23) tert-Butyl Alcohol	3.01	59	365869	285.809 ug/l #	100
24) Methyl tert-Butyl Ether	3.17	73	996505	54.240 ug/l	99
25) Chloroform	5.18	83	542822	50.977 ug/l	97
26) Cyclohexane	5.55	56	444930	56.529 ug/l #	99
29) 1,1-Dichloropropene	5.77	75	351159	46.246 ug/l	99
30) 2-Butanone	4.64	43	1065181	255.344 ug/l	100
31) 2,2-Dichloropropane	4.56	77	473726	49.219 ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	493831	49.670 ug/l	98
33) Carbon Tetrachloride	5.76	117	449005	48.654 ug/l	96
34) Benzene	6.12	78	1061080	47.896 ug/l	96
35) Methacrylonitrile	5.01	41	240047	51.080 ug/l	97
36) 1,2-Dichloroethane	6.17	62	454950	51.218 ug/l	99
37) Trichloroethene	7.19	130	320685	46.935 ug/l	99
38) Methylcyclohexane	7.44	83	529790	64.992 ug/l	98
39) 1,2-Dichloropropane	7.49	63	315204	53.397 ug/l	98
40) Dibromomethane	7.64	93	220005	51.678 ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	489692	54.628	ug/l	96
42) Vinyl Acetate	3.79	43	3510281	227.316	ug/l	100
43) Ethyl Acetate	4.79	43	382533	47.645	ug/l	99
44) Isopropyl Acetate	6.42	43	651865	48.316	ug/l	99
45) 1,4-Dioxane	7.71	88	156572	1182.986	ug/l	97
46) Methyl methacrylate	7.75	41	372835	56.836	ug/l	94
47) n-amyl Acetate	10.88	43	688958	57.796	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	543486	54.566	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	558128	53.497	ug/l	96
50) 1,1,2-Trichloroethane	9.20	97	333972	53.411	ug/l	97
51) Ethyl methacrylate	9.16	69	501558	54.301	ug/l	99
52) 1,3-Dichloropropane	9.35	76	534786	52.872	ug/l	99
53) Dibromochloromethane	9.57	129	418599	55.239	ug/l	98
54) 1,2-Dibromoethane	9.65	107	351534	52.791	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	1256550	289.486	ug/l	99
56) Bromoform	10.84	173	328513	54.958	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	2352398	256.054	ug/l	100
59) 2-Hexanone	9.48	43	1801932	268.388	ug/l	99
61) Tetrachloroethene	9.32	164	363681	50.674	ug/l	97
62) Toluene	8.77	91	1303859	48.320	ug/l	99
64) Chlorobenzene	10.12	112	895065	51.210	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.20	131	373903	51.641	ug/l	98
66) Ethyl Benzene	10.24	91	1546708	52.129	ug/l	97
67) m/p-Xylenes	10.34	106	1170751	102.840	ug/l	99
68) o-Xylene	10.68	106	576296	52.613	ug/l	99
69) Styrene	10.70	104	1007078	52.024	ug/l	100
70) Isopropylbenzene	11.00	105	1591388	51.734	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	460848	49.264	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	600996	65.147	ug/l	90
73) Bromobenzene	11.24	156	424854	49.705	ug/l	100
74) n-propylbenzene	11.34	91	1837233	52.348	ug/l	100
75) 2-Chlorotoluene	11.40	91	1100545	51.801	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	1376523	53.360	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	184009	50.674	ug/l	97
78) 4-Chlorotoluene	11.49	91	1310479	52.161	ug/l	99
79) tert-butylbenzene	11.76	119	1343989	53.611	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	1378011	53.091	ug/l	99
81) sec-Butylbenzene	11.93	105	1597445	55.156	ug/l	99
82) p-Isopropyltoluene	12.05	119	1518287	55.085	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	765798	50.687	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	766999	50.081	ug/l	99
85) n-Butylbenzene	12.37	91	1340228	55.886	ug/l	99
86) Hexachloroethane	12.58	117	284629	52.743	ug/l	93
87) 1,2-Dichlorobenzene	12.38	146	731846	49.842	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	125214	54.127	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	537836	51.547	ug/l	98
90) Hexachlorobutadiene	13.77	225	240730	56.535	ug/l	97
91) Naphthalene	13.82	128	1597280	50.261	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	502641	48.993	ug/l	99

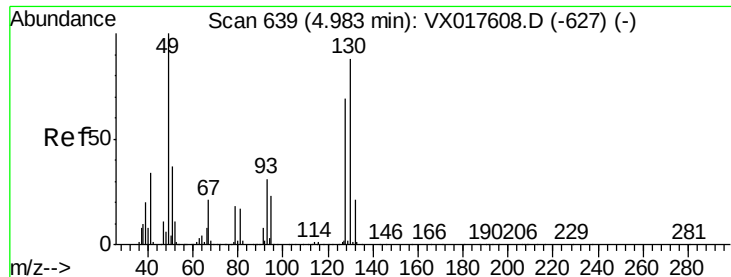
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
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ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier 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: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

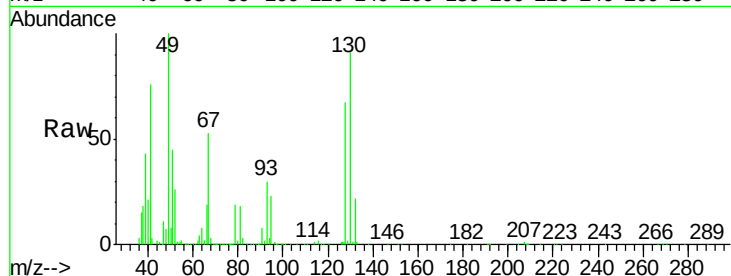
Tot Ion:128 Resp: 101426

Ion Ratio Lower Upper

128 100

49 153.6 0.0 376.0

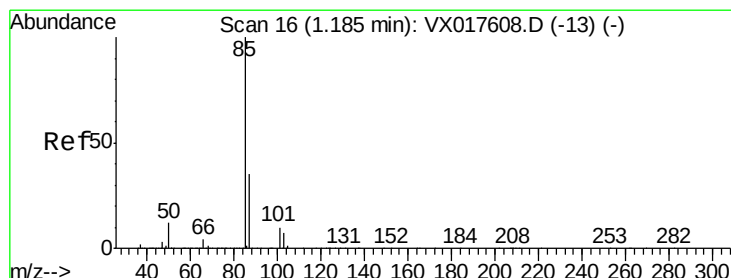
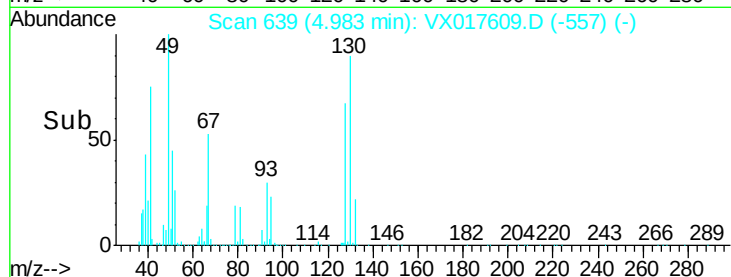
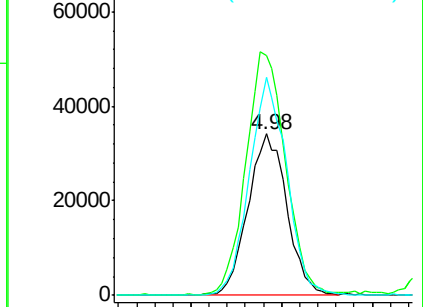
130 130.1 0.0 323.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 84.299 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017609.D

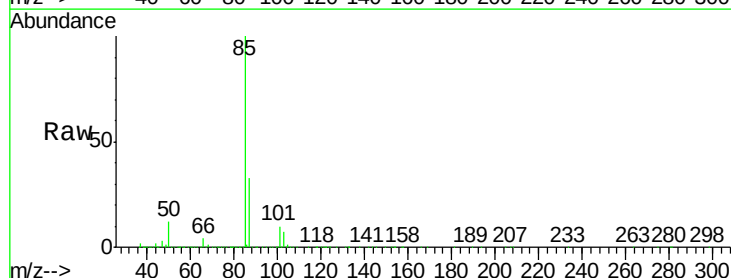
Acq: 27 Jul 2020 10:08

Tgt Ion: 85 Resp: 440210

Ion Ratio Lower Upper

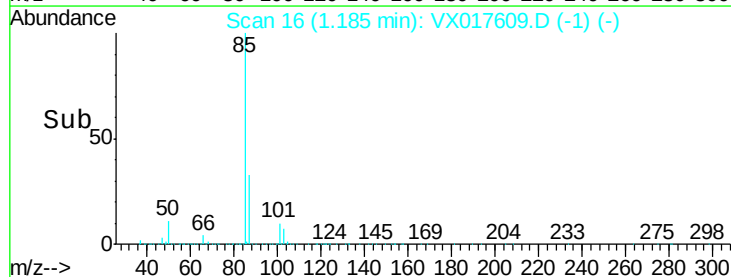
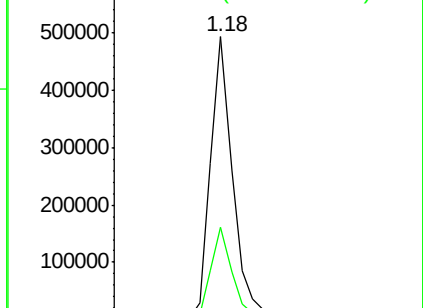
85 100

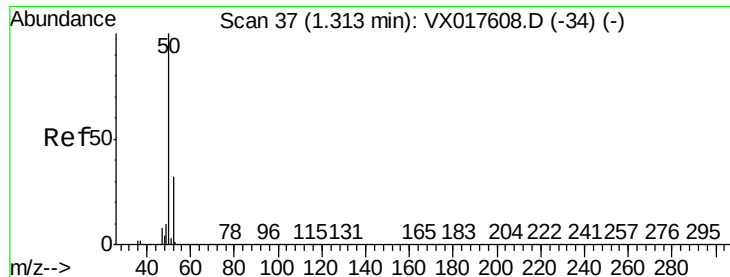
87 32.6 17.3 51.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

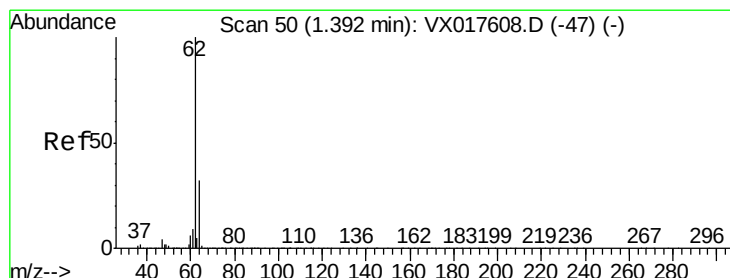
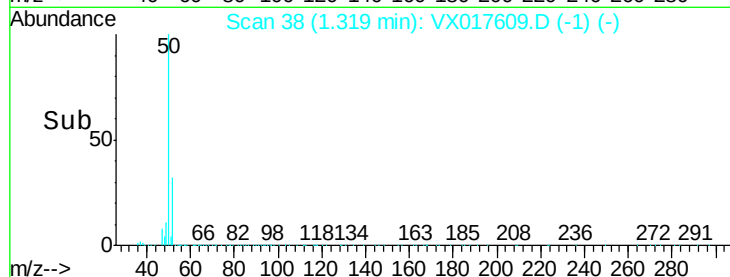
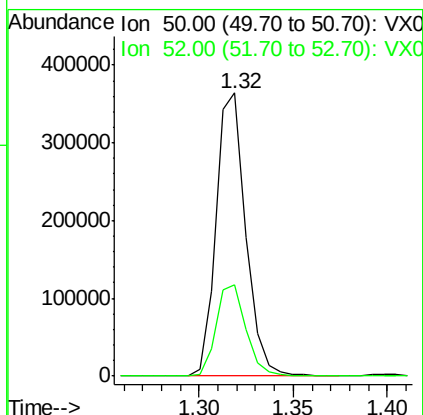
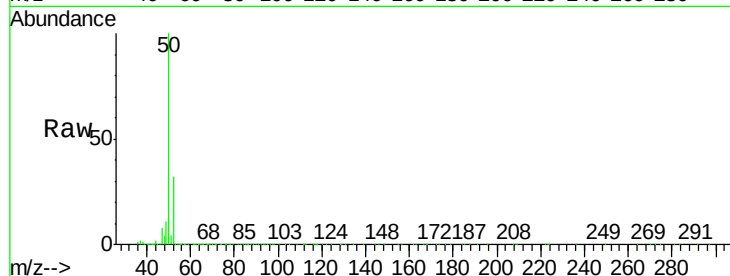




#3
Chloromethane
Concen: 73.277 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

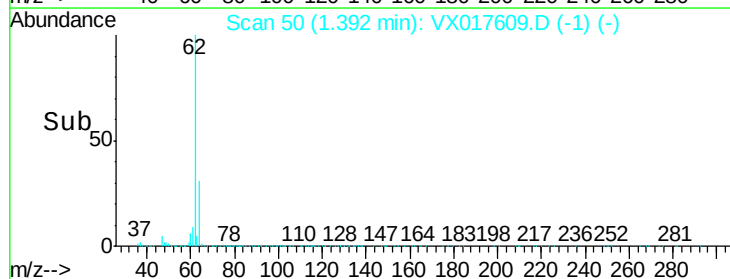
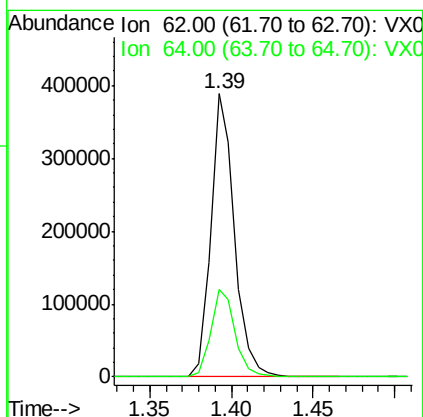
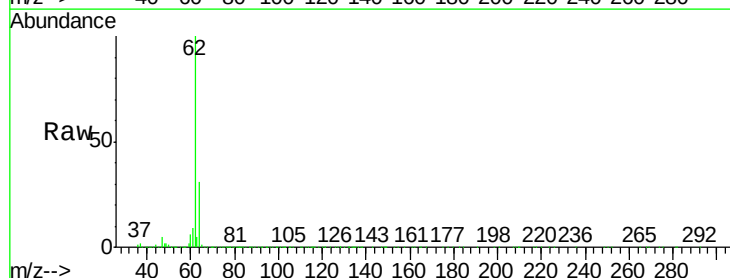
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

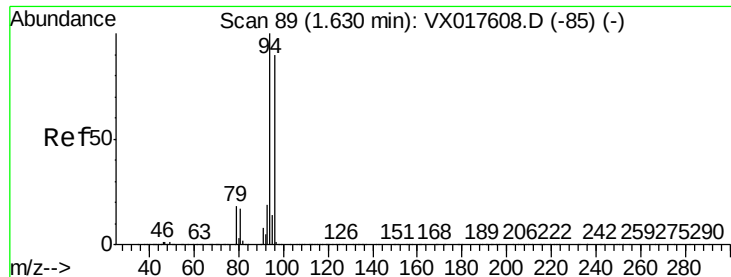
Tot Ion: 50 Resp: 395568
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3



#4
Vinyl Chloride
Concen: 70.564 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion: 62 Resp: 392232
Ion Ratio Lower Upper
62 100
64 31.1 25.8 38.8





#5

Bromomethane

Concen: 66.762 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

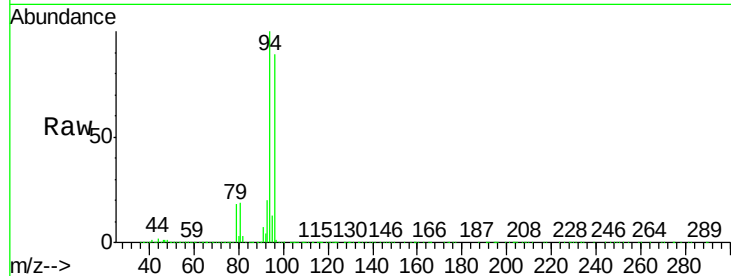
VSTDIC050

Tot Ion: 94 Resp: 241397

Ion Ratio Lower Upper

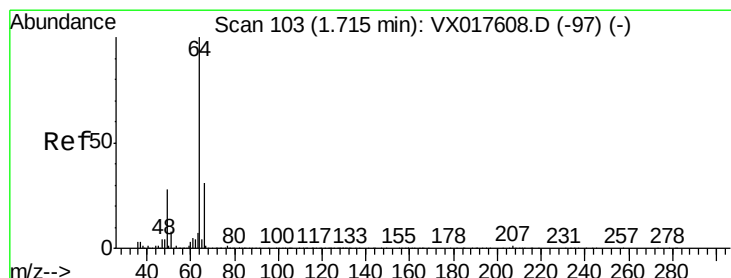
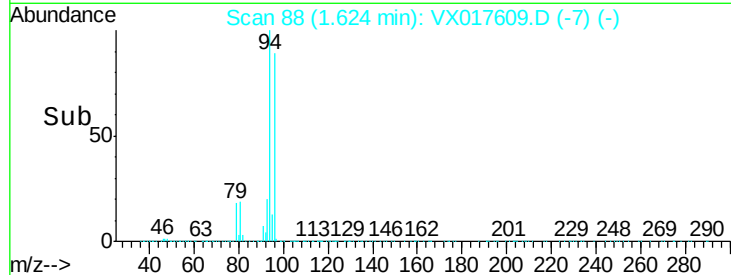
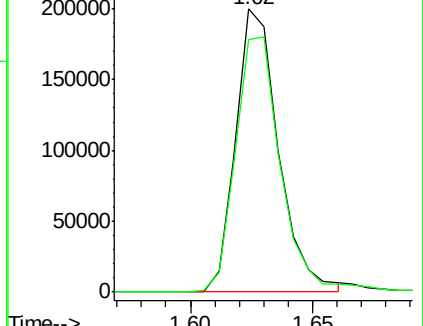
94 100

96 89.0 72.5 108.7



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 62.155 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX017609.D

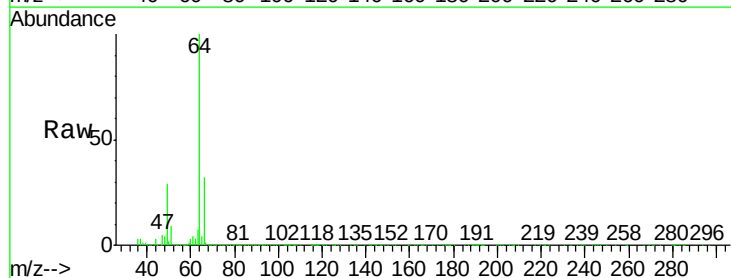
Acq: 27 Jul 2020 10:08

Tgt Ion: 64 Resp: 217350

Ion Ratio Lower Upper

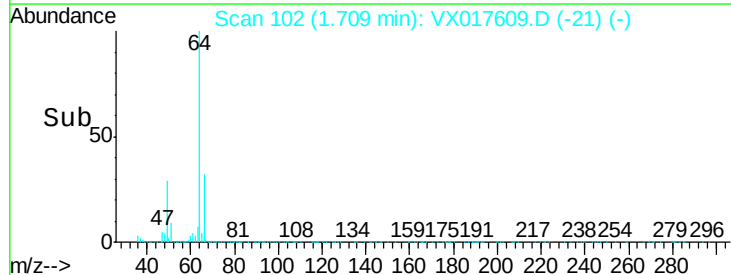
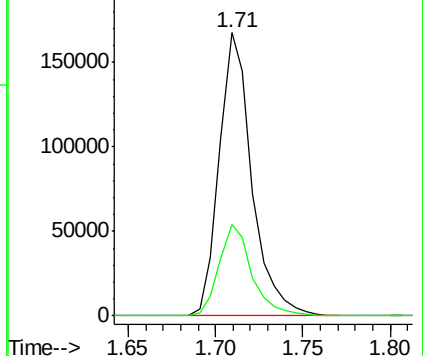
64 100

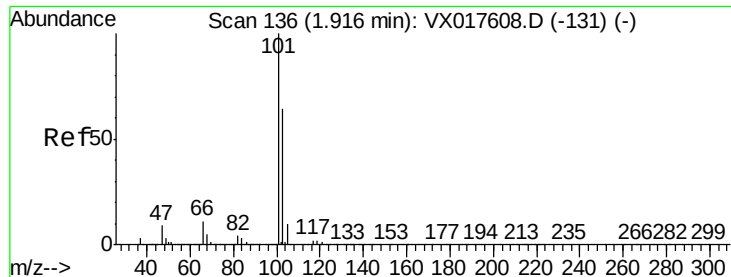
66 32.2 25.1 37.7



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



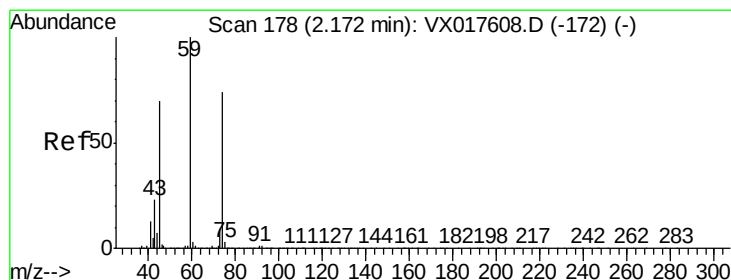
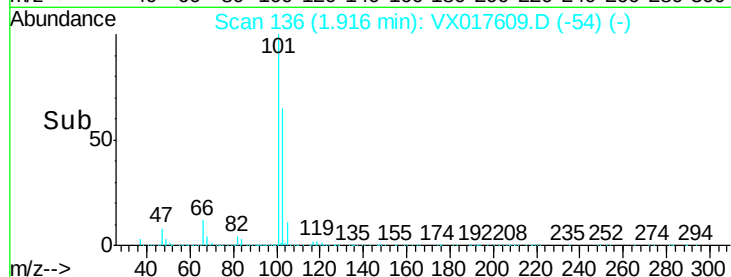
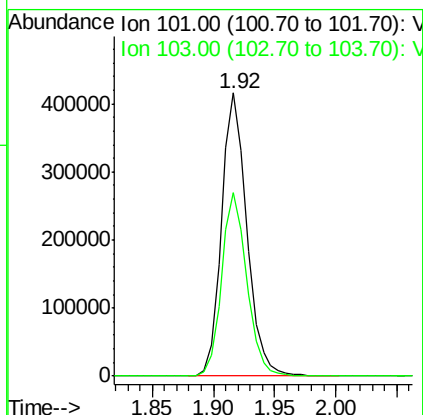
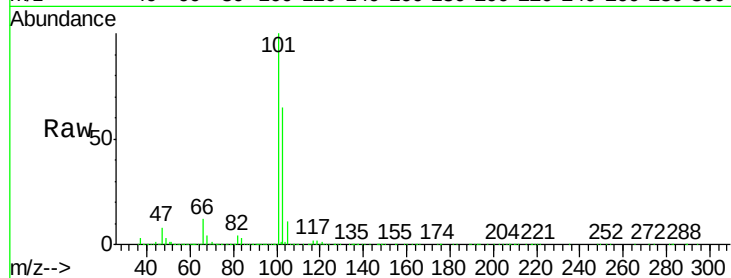


#7

Trichlorofluoromethane
Concen: 63.574 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

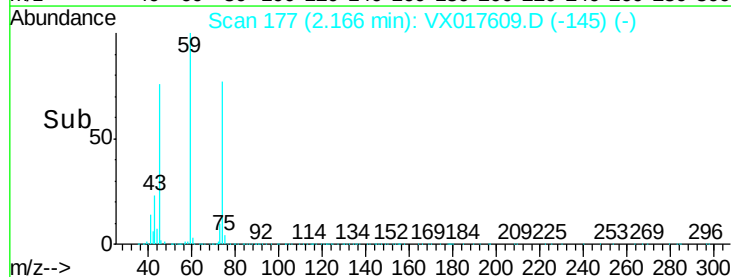
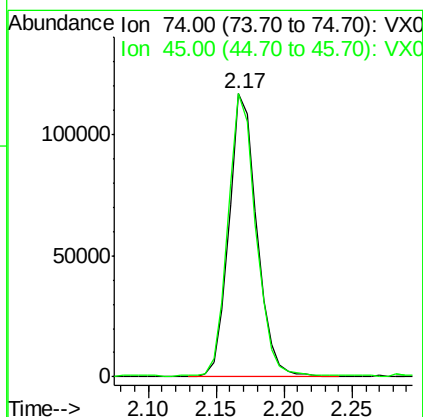
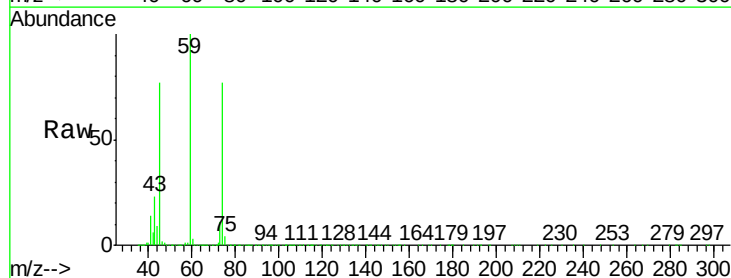
Tot Ion:101 Resp: 595165
Ion Ratio Lower Upper
101 100
103 65.0 51.3 76.9

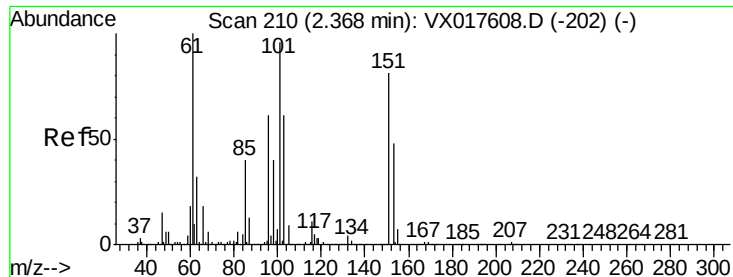


#8

Diethyl Ether
Concen: 52.807 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion: 74 Resp: 165763
Ion Ratio Lower Upper
74 100
45 99.7 21.1 190.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.118 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

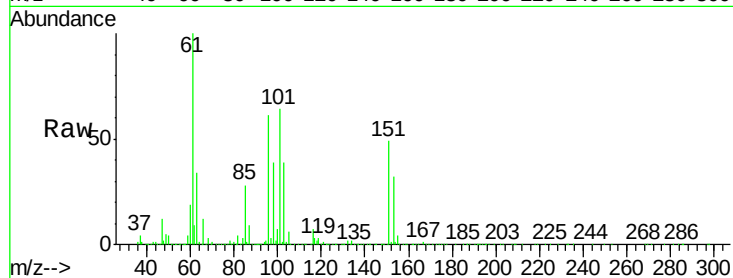
Tot Ion:101 Resp: 258661

Ion Ratio Lower Upper

101 100

85 44.6 0.0 90.6

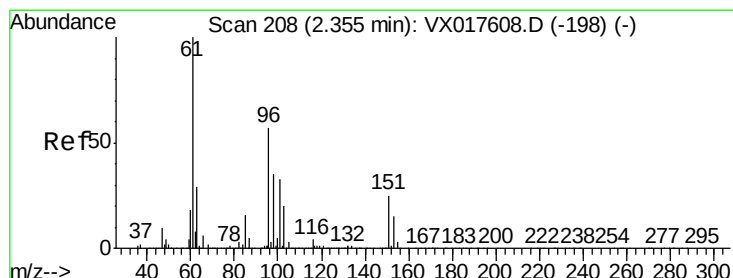
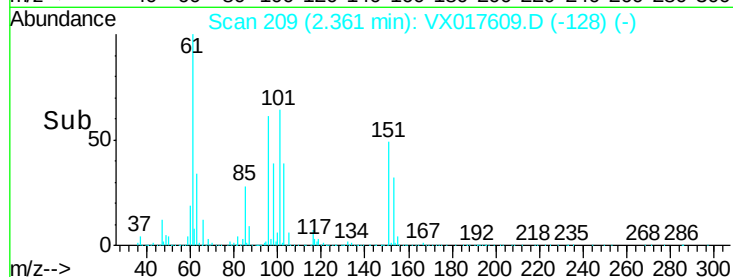
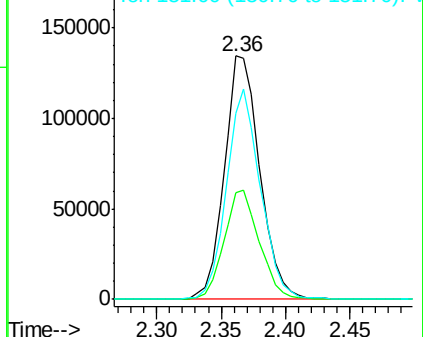
151 82.9 0.0 163.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 48.890 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

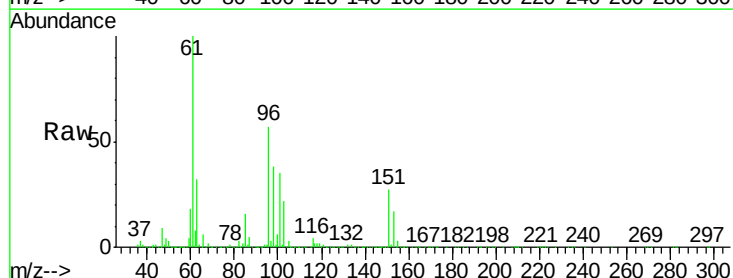
Tgt Ion: 96 Resp: 232984

Ion Ratio Lower Upper

96 100

61 174.6 141.2 211.8

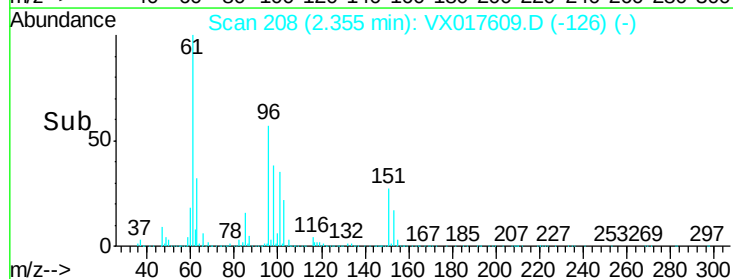
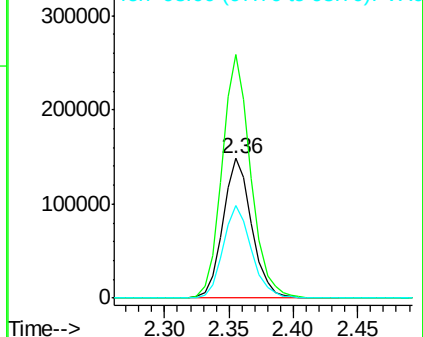
98 66.2 49.4 74.2

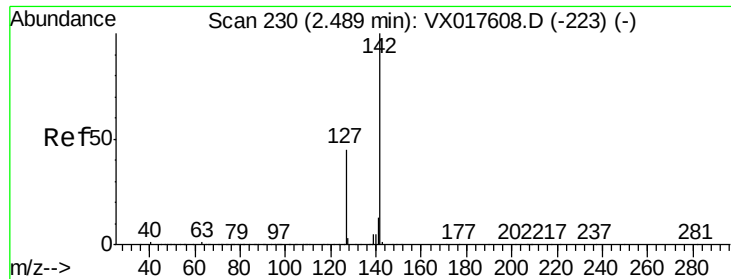


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

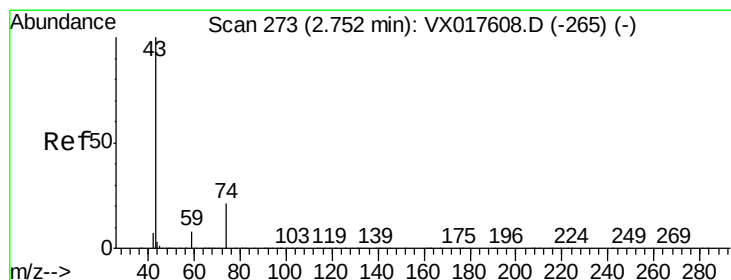
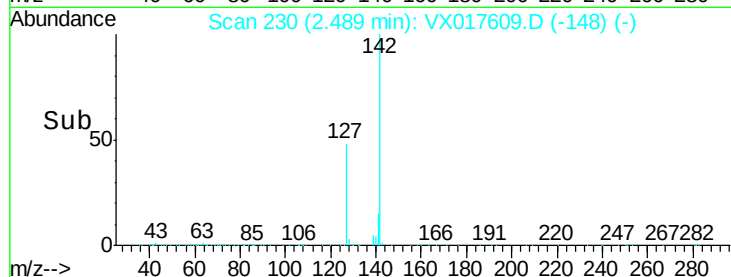
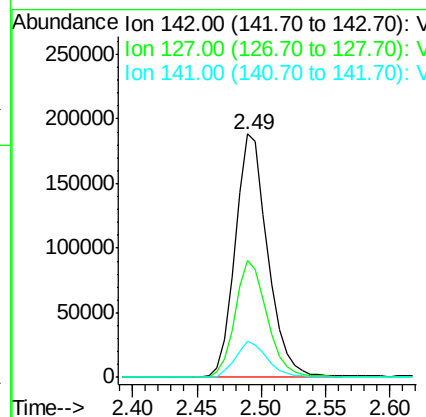
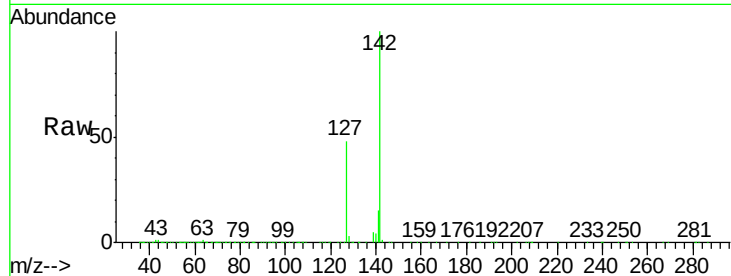




#11
Methvl Iodide
Concen: 57.760 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

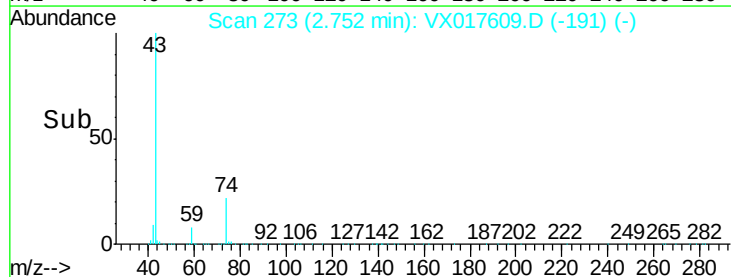
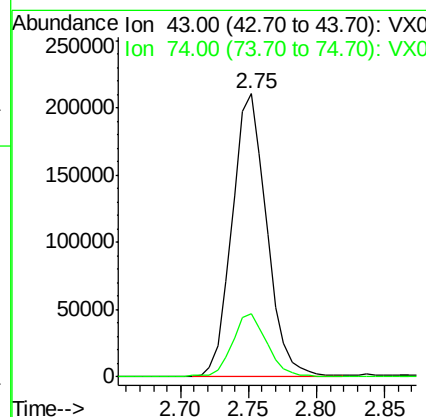
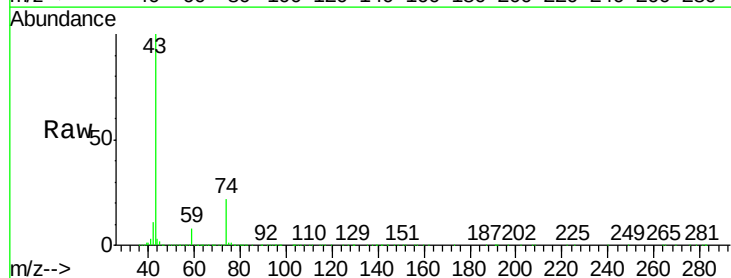
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

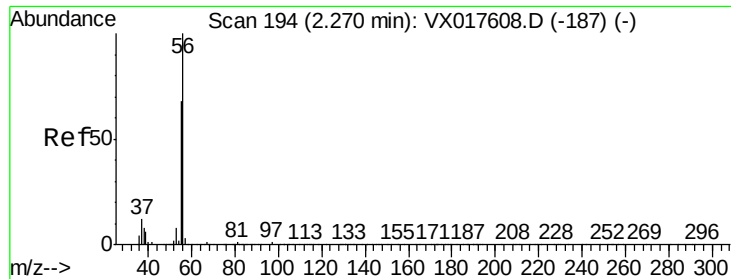
Tot Ion:142 Resp: 331478
Ion Ratio Lower Upper
142 100
127 48.0 22.4 67.0
141 15.0 6.6 19.7



#12
Methyl Acetate
Concen: 54.771 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion: 43 Resp: 370119
Ion Ratio Lower Upper
43 100
74 22.1 17.1 25.7





#13

Acrolein

Concen: 301.515 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

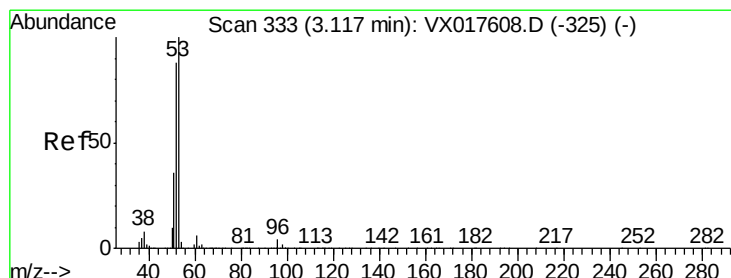
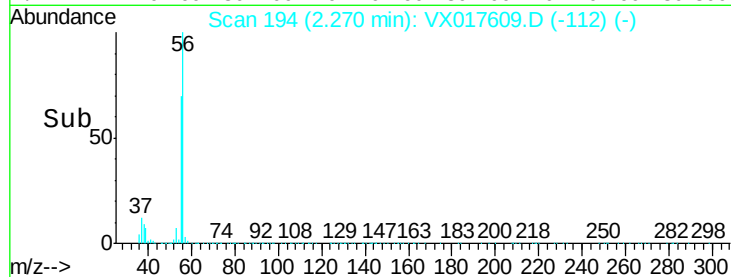
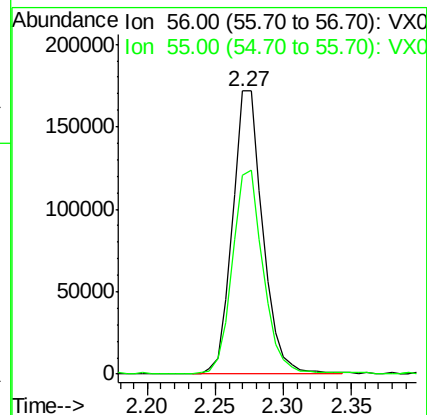
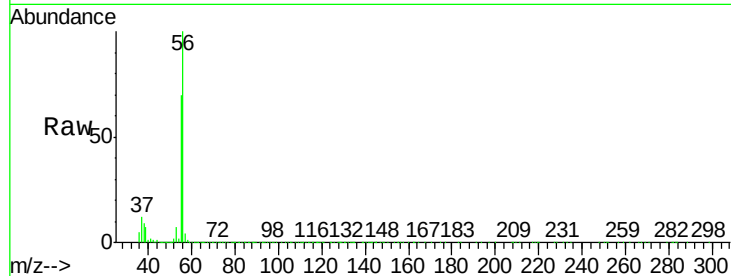
VSTDIC050

Tot Ion: 56 Resp: 264837

Ion Ratio Lower Upper

56 100

55 73.1 57.2 85.8



#14

Acrylonitrile

Concen: 267.893 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

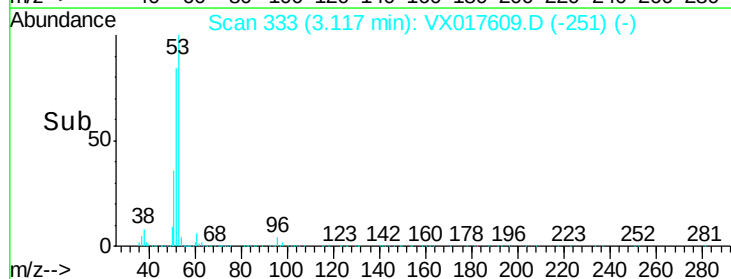
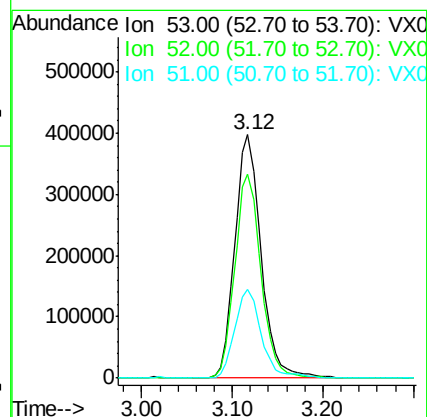
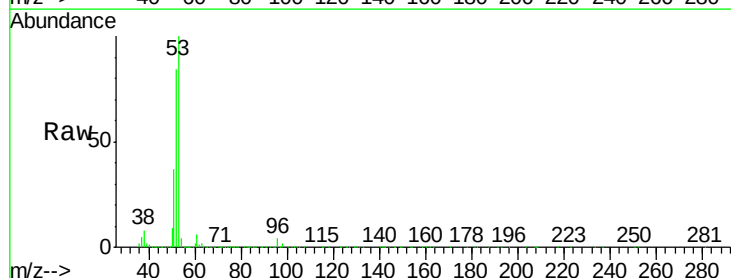
Tgt Ion: 53 Resp: 801993

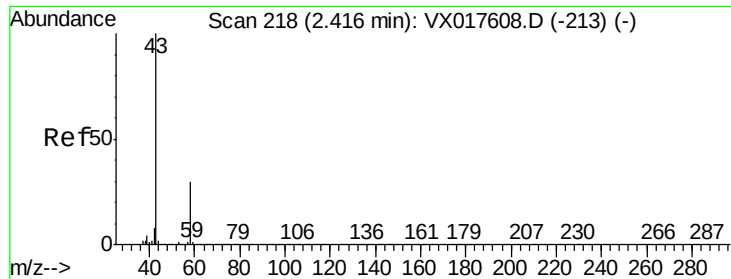
Ion Ratio Lower Upper

53 100

52 83.2 41.4 124.4

51 35.9 18.4 55.2





#15

Acetone

Concen: 279.372 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

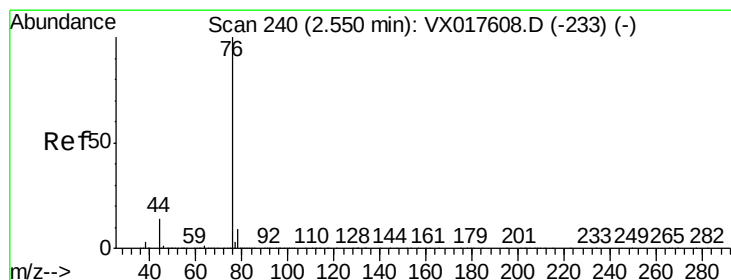
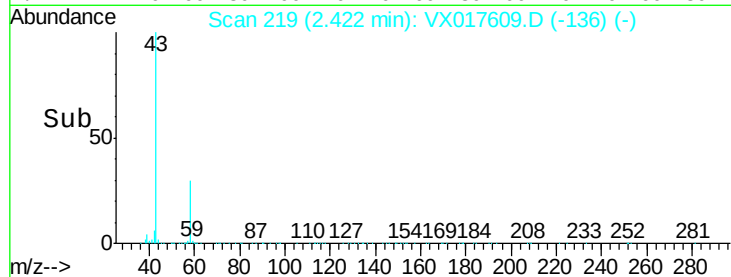
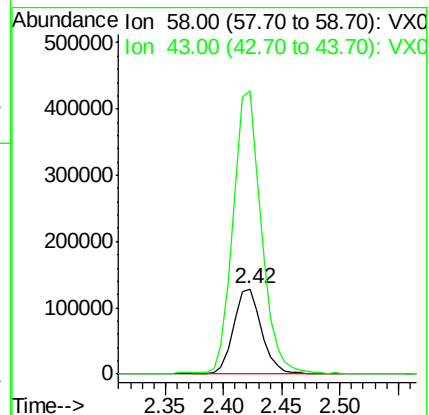
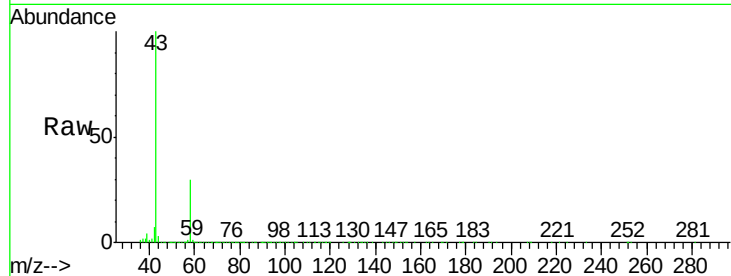
VSTDIC050

Tot Ion: 58 Resp: 216182

Ion Ratio Lower Upper

58 100

43 330.9 268.6 402.8



#16

Carbon Disulfide

Concen: 51.606 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017609.D

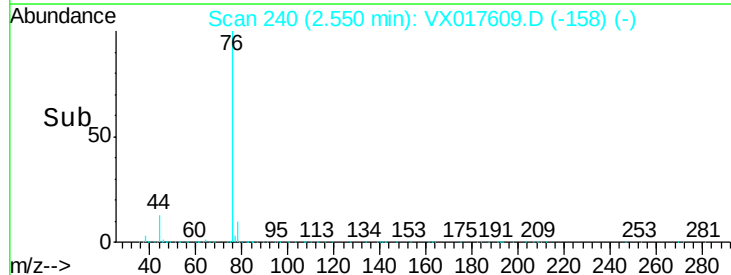
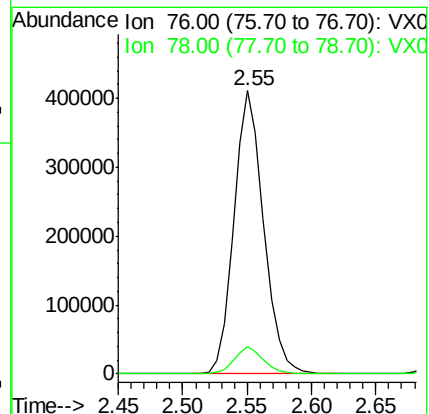
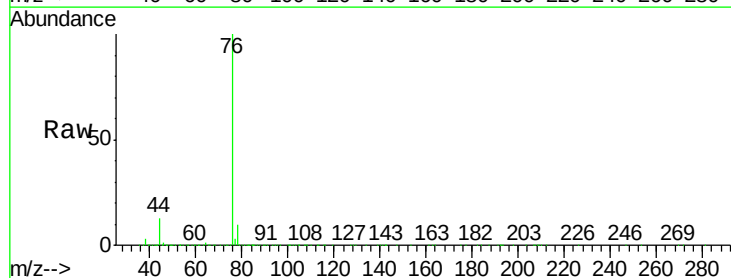
Acq: 27 Jul 2020 10:08

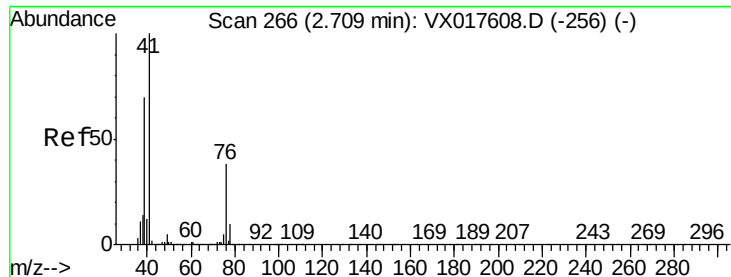
Tgt Ion: 76 Resp: 660696

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3

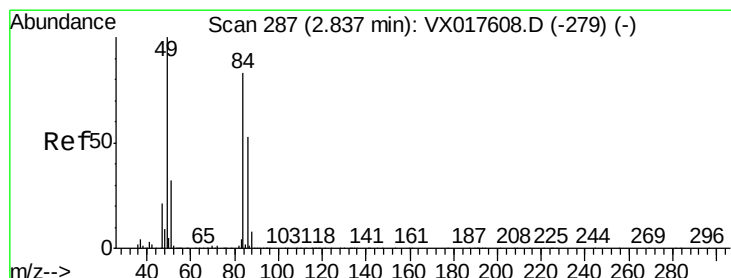
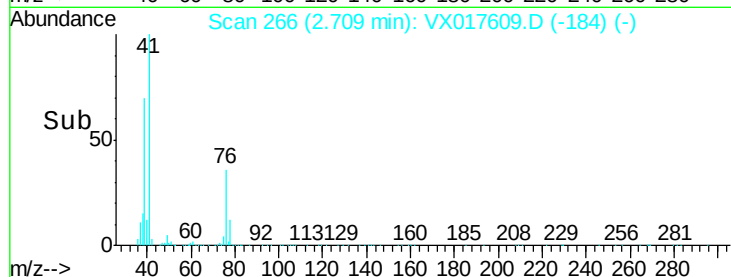
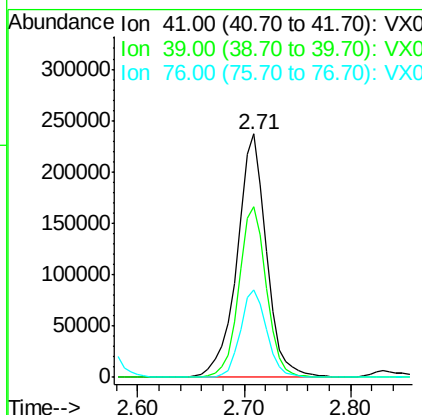
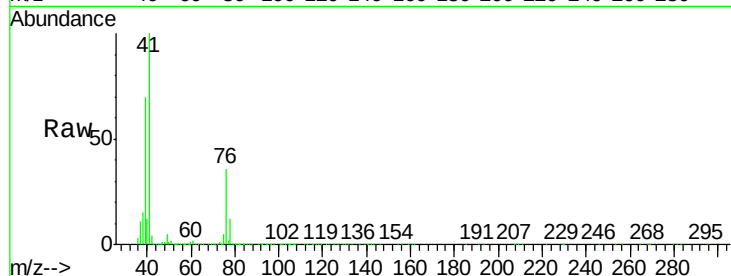




#17
Allvl chloride
Concen: 51.212 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

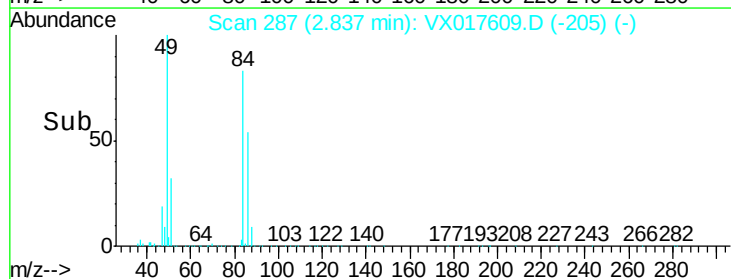
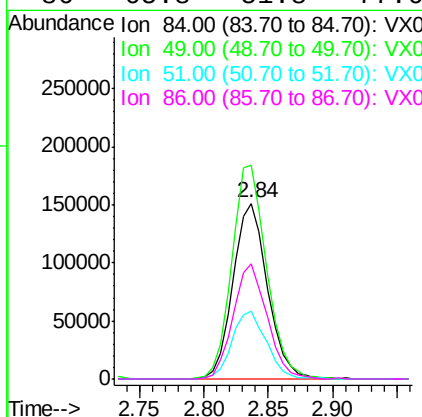
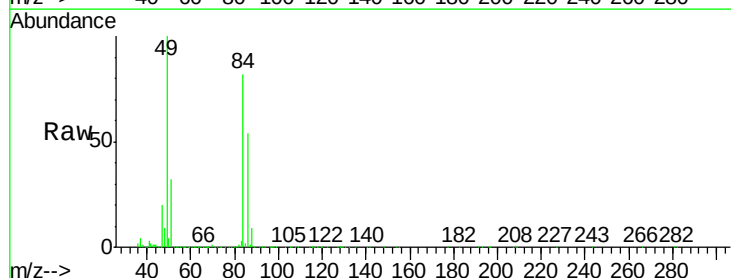
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

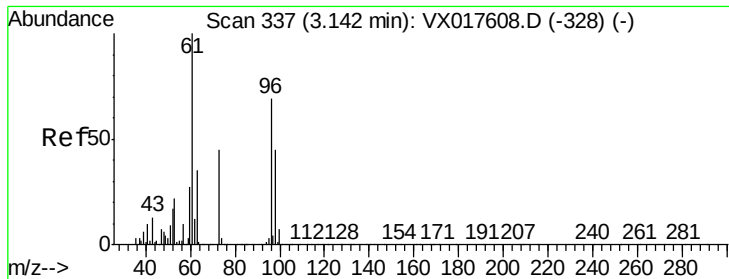
Tot Ion: 41 Resp: 456903
Ion Ratio Lower Upper
41 100
39 69.9 34.8 104.5
76 35.9 19.1 57.3



#18
Methylene Chloride
Concen: 48.287 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion: 84 Resp: 281782
Ion Ratio Lower Upper
84 100
49 121.7 96.7 145.1
51 38.6 31.0 46.4
86 65.8 51.8 77.6





#19

trans-1,2-Dichloroethene

Concen: 48.088 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

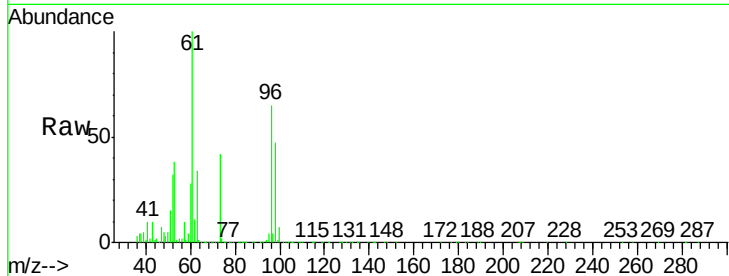
Tot Ion: 96 Resp: 261689

Ion Ratio Lower Upper

96 100

61 153.3 115.0 172.6

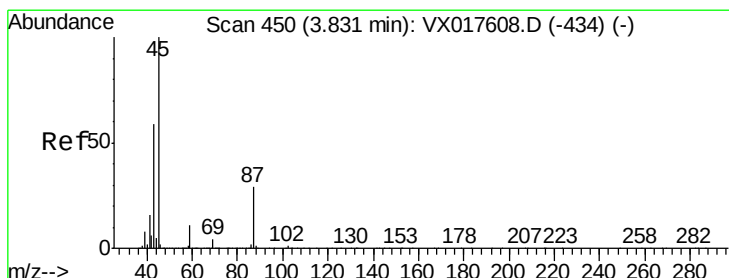
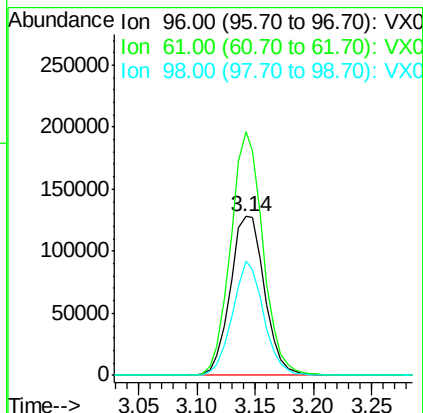
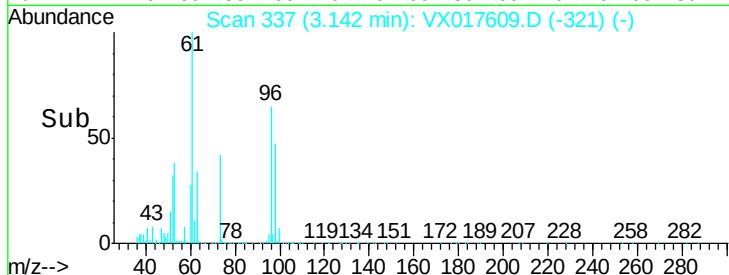
98 71.7 51.6 77.4



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: 52.411 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Tgt Ion: 45 Resp: 929734

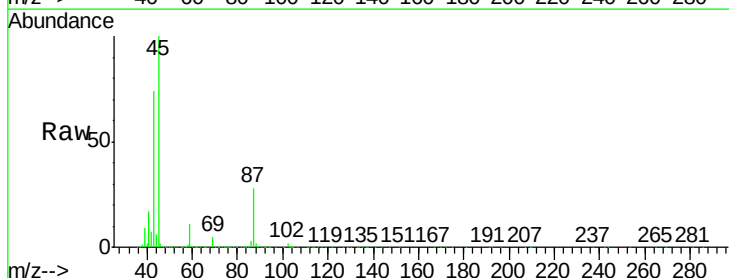
Ion Ratio Lower Upper

45 100

43 74.1 47.4 71.0#

87 28.2 23.3 34.9

59 11.4 8.4 12.6

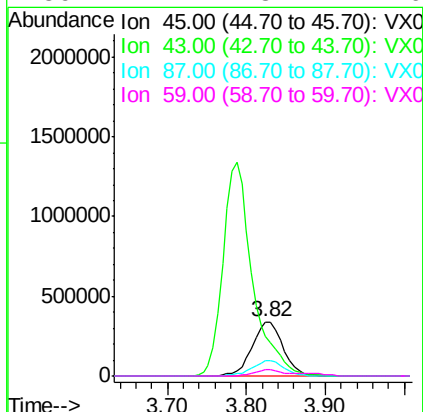
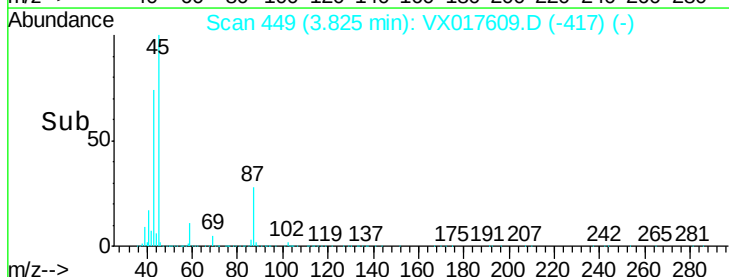


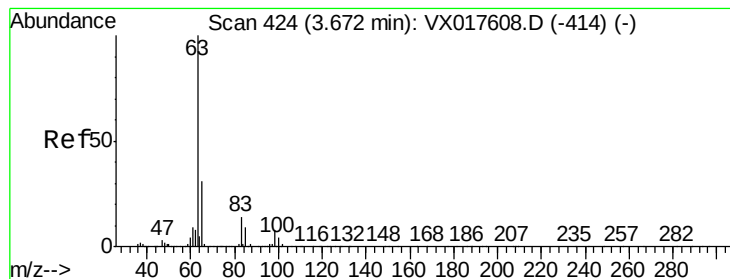
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 51.323 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampled :

VSTDIC050

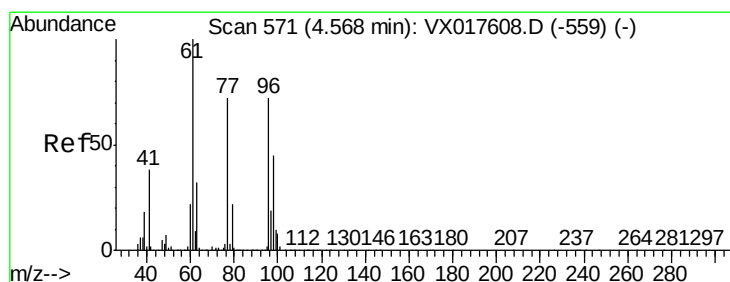
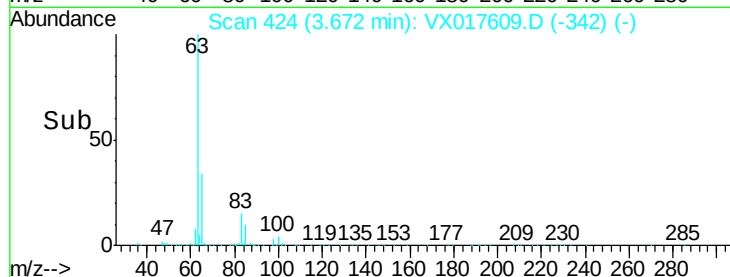
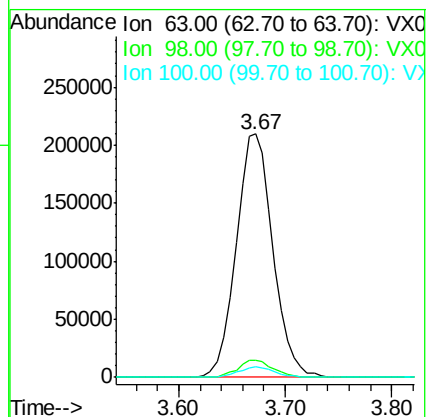
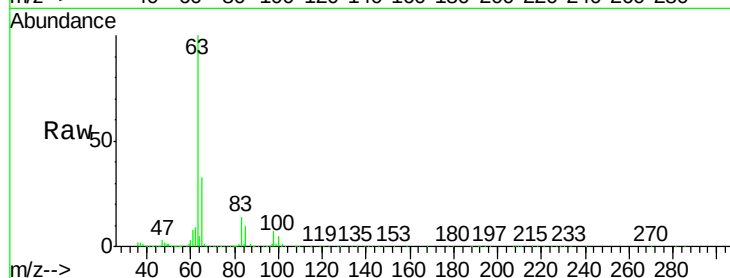
Tot Ion: 63 Resp: 504911

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

100 4.6 1.9 5.7



#22

cis-1,2-Dichloroethene

Concen: 47.246 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

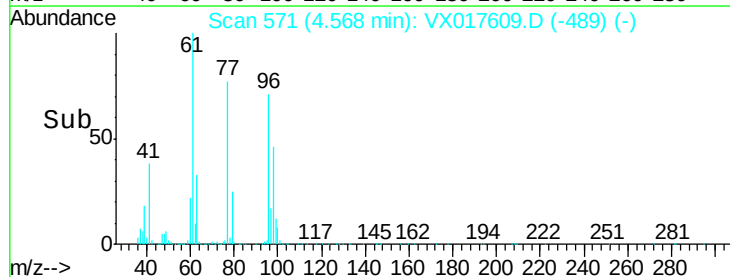
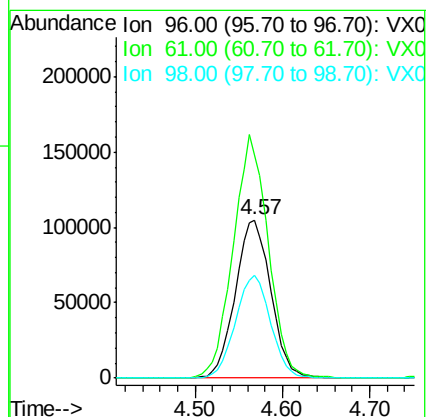
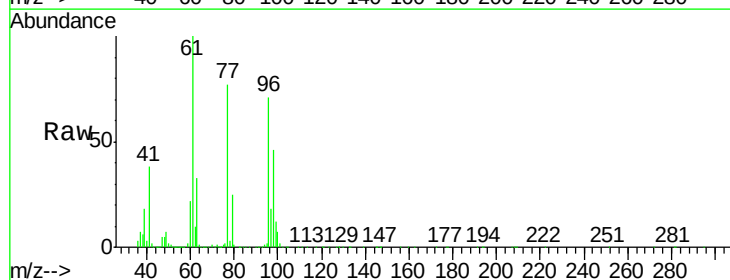
Tgt Ion: 96 Resp: 296696

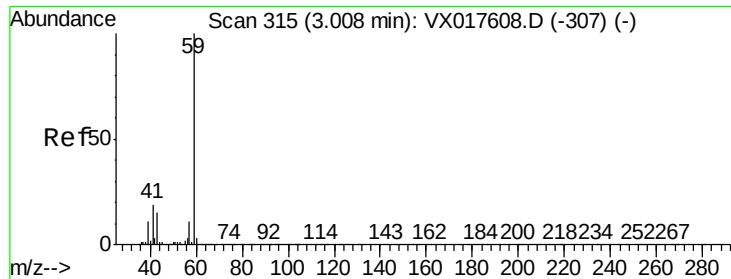
Ion Ratio Lower Upper

96 100

61 151.6 121.1 181.7

98 64.2 51.4 77.2



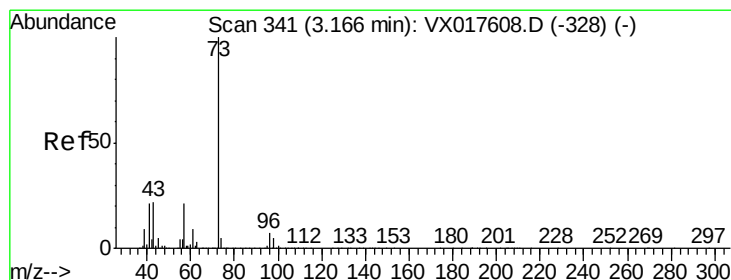
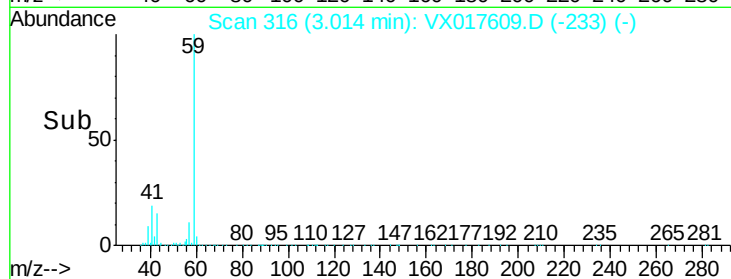
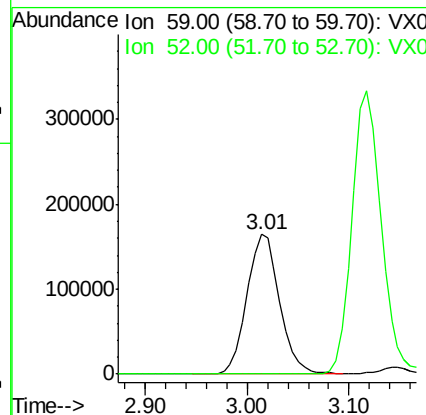
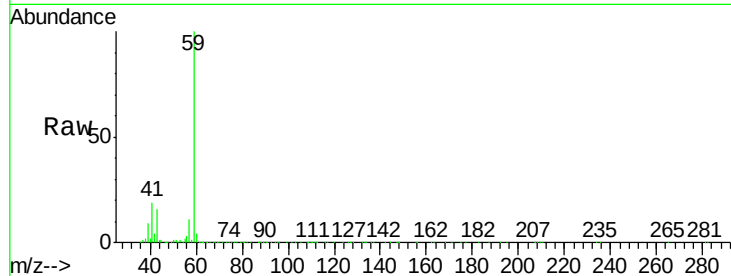


#23

tert-Butyl Alcohol
Concen: 285.809 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

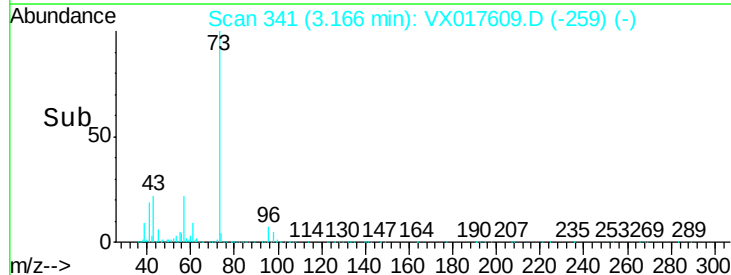
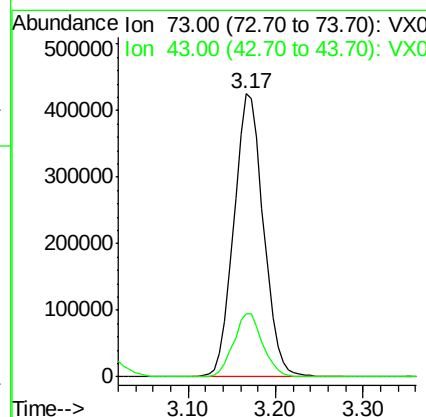
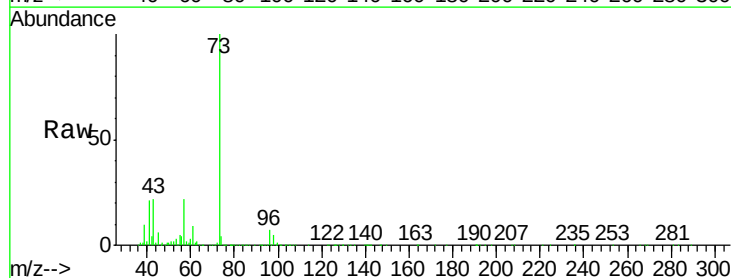
Tot Ion: 59 Resp: 365869
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.4#

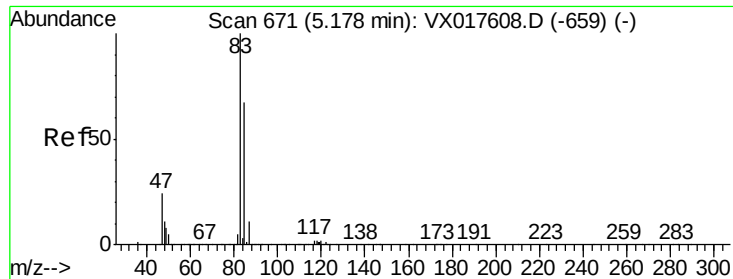


#24

Methyl tert-Butyl Ether
Concen: 54.240 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion: 73 Resp: 996505
Ion Ratio Lower Upper
73 100
43 22.1 18.1 27.1





#25

Chloroform

Concen: 50.977 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

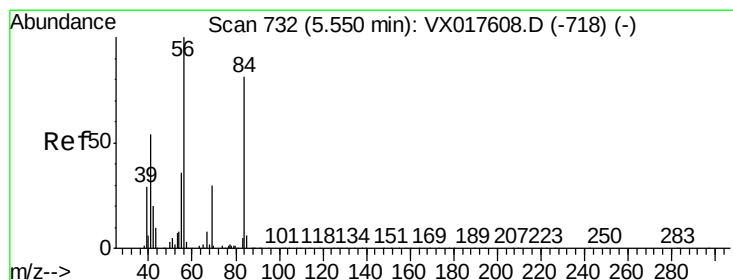
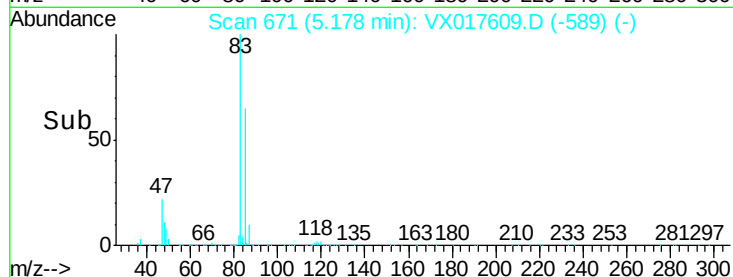
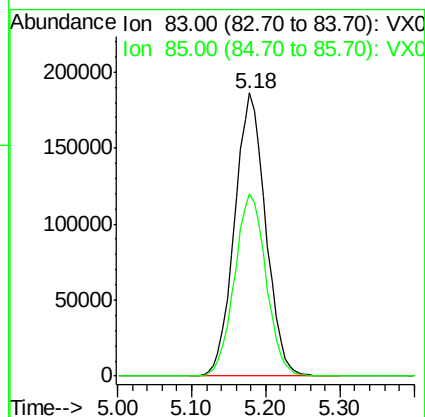
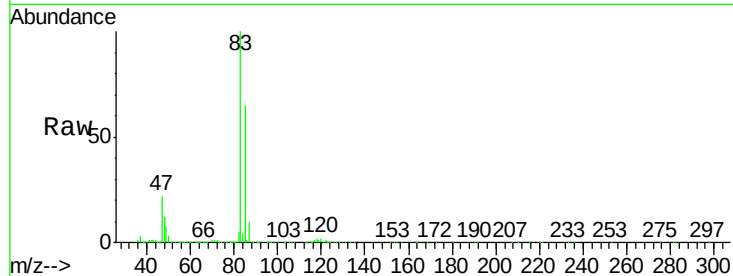
VSTDIC050

Tot Ion: 83 Resp: 542822

Ion Ratio Lower Upper

83 100

85 64.6 53.7 80.5



#26

Cyclohexane

Concen: 56.529 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

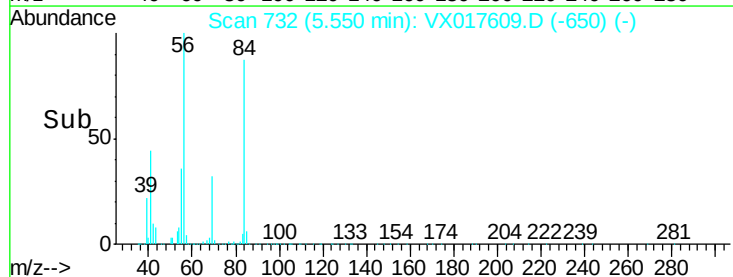
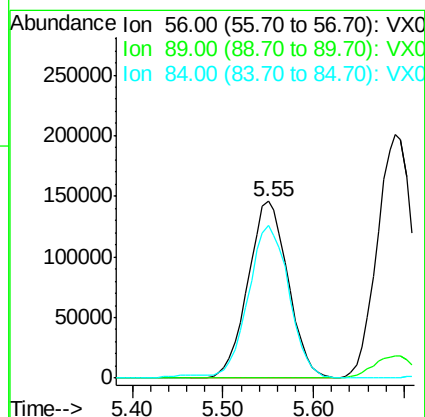
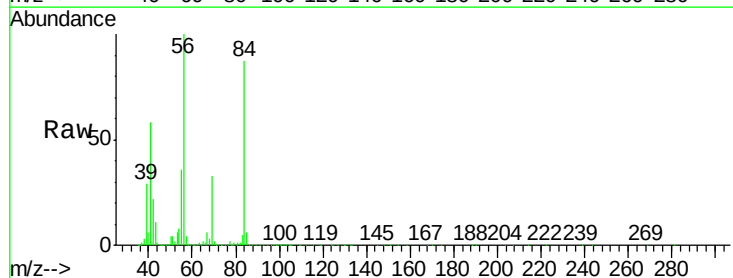
Tgt Ion: 56 Resp: 444930

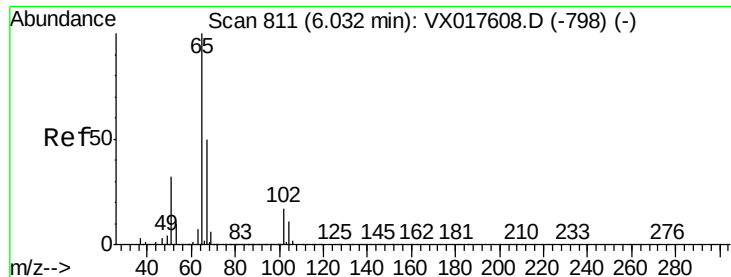
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 87.6 69.3 103.9





#27

1,2-Dichloroethane-d4

Concen: 31.304 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

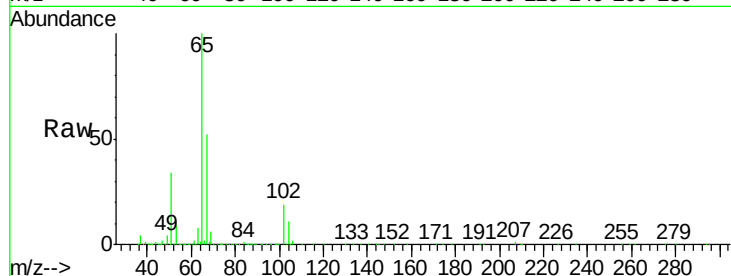
VSTDIC050

Tot Ion: 65 Resp: 229278

Ion Ratio Lower Upper

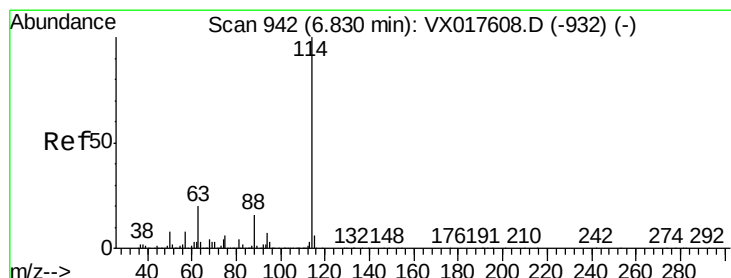
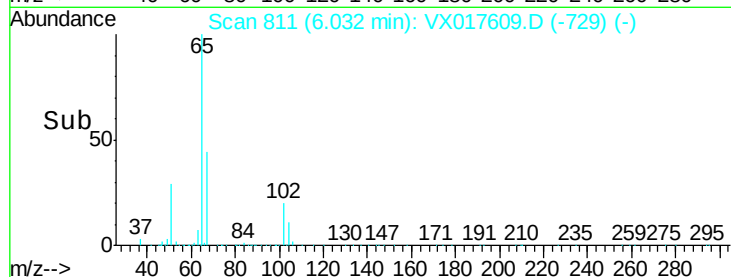
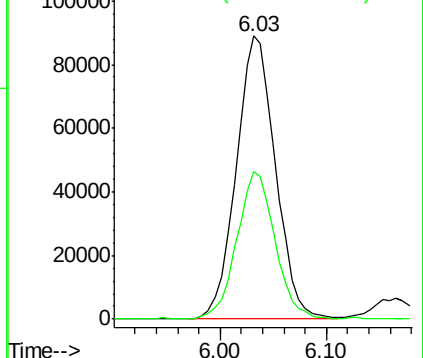
65 100

67 50.5 40.6 61.0



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

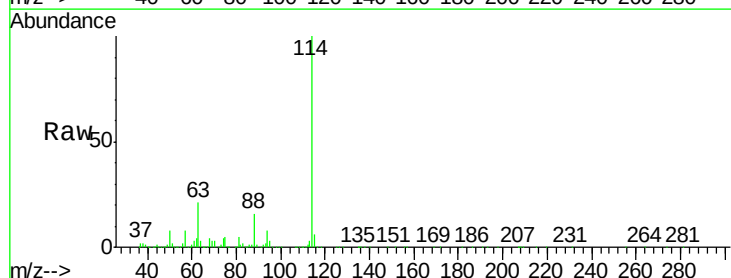
Tgt Ion: 114 Resp: 534770

Ion Ratio Lower Upper

114 100

63 20.9 16.3 24.5

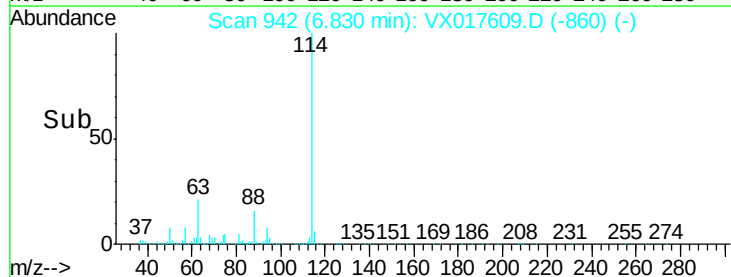
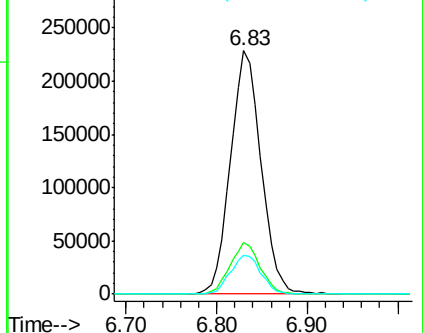
88 16.0 12.6 18.8

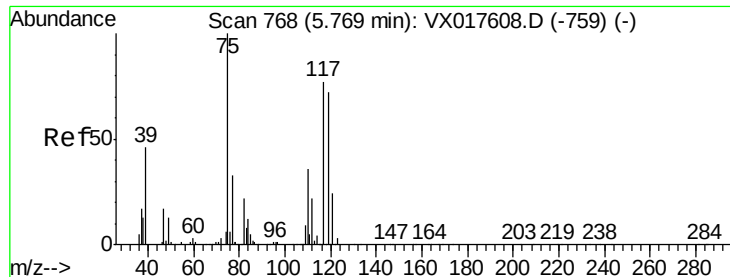


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 46.246 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

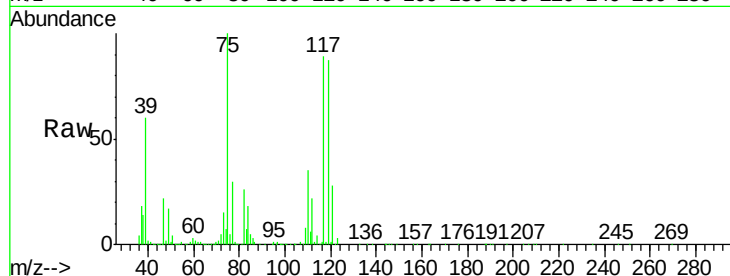
Tot Ion: 75 Resp: 351159

Ion Ratio Lower Upper

75 100

110 37.0 0.0 75.4

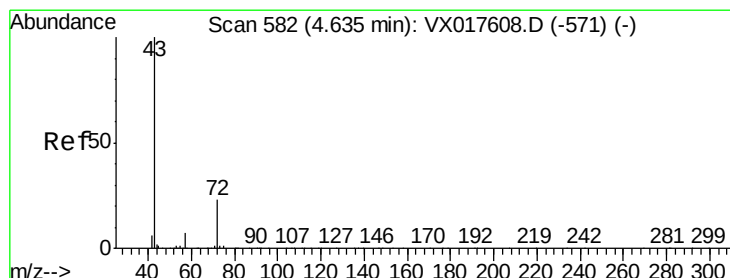
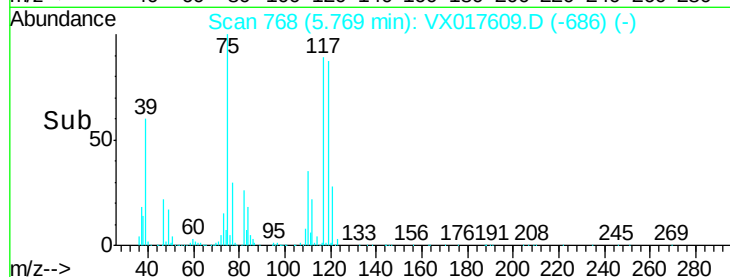
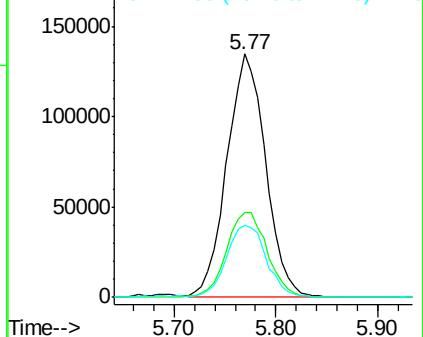
77 30.7 0.0 63.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 255.344 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

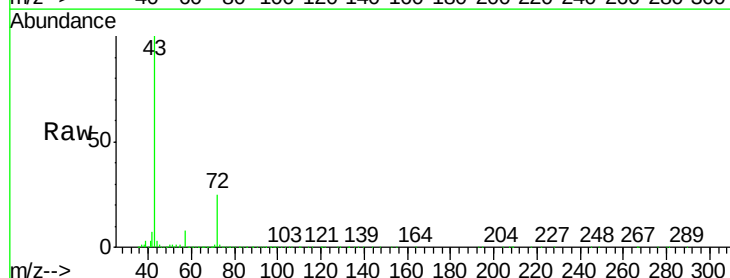
Tgt Ion: 43 Resp: 1065181

Ion Ratio Lower Upper

43 100

57 8.1 6.5 9.7

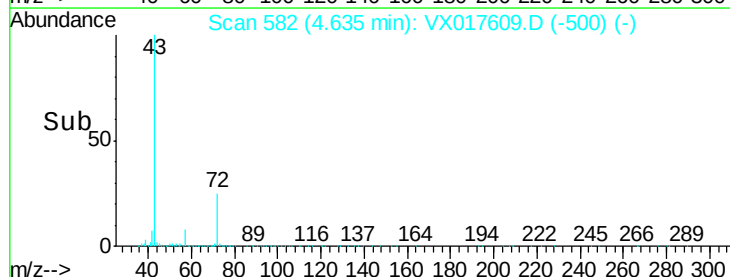
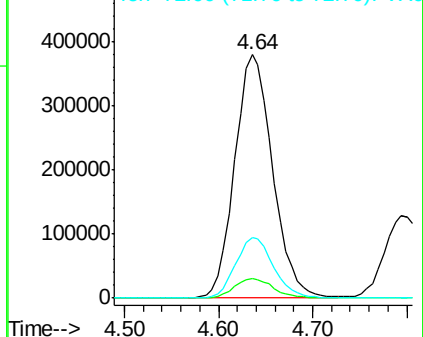
72 24.7 19.8 29.6

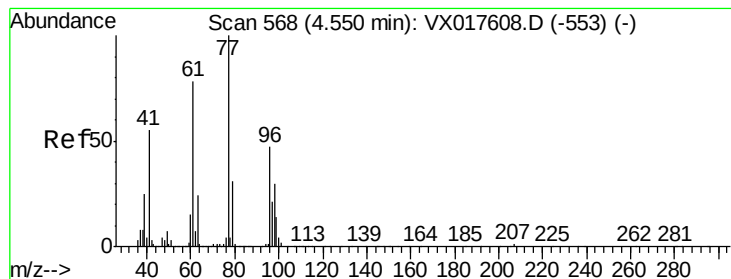


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 49.219 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

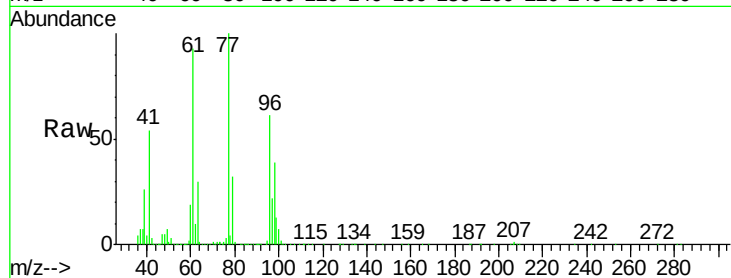
VSTDIC050

Tot Ion: 77 Resp: 473726

Ion Ratio Lower Upper

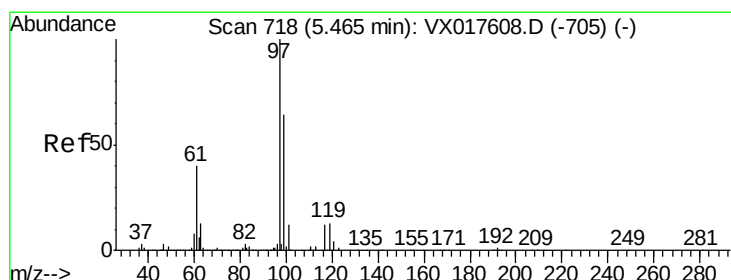
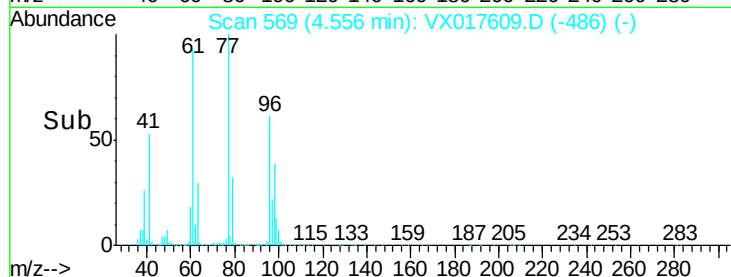
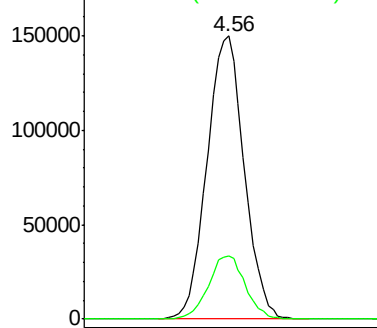
77 100

97 22.1 17.6 26.4



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.670 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

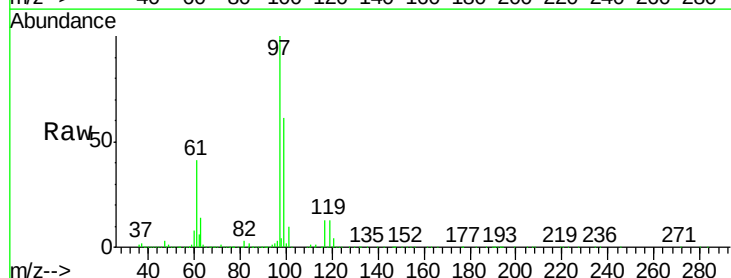
Tgt Ion: 97 Resp: 493831

Ion Ratio Lower Upper

97 100

99 64.7 50.6 75.8

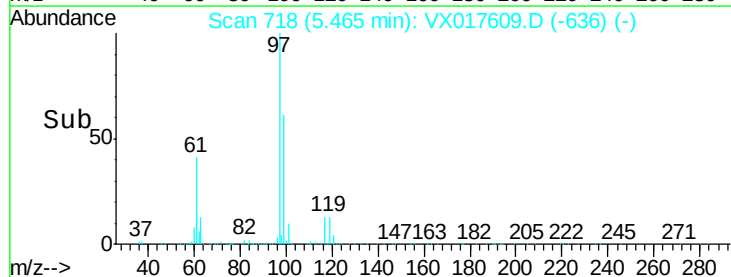
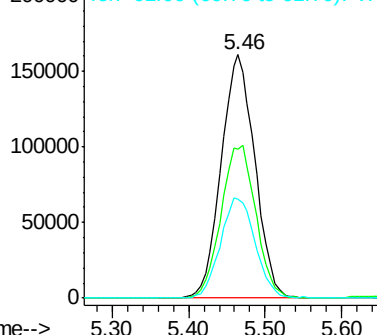
61 42.3 32.6 48.8

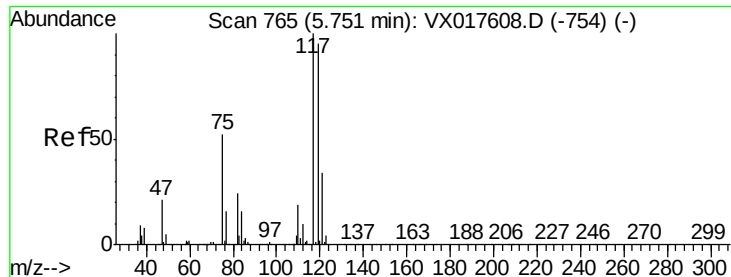


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

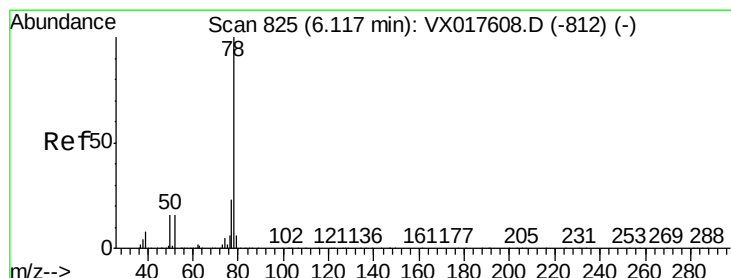
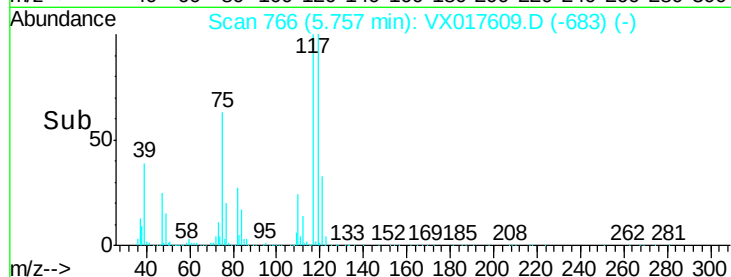
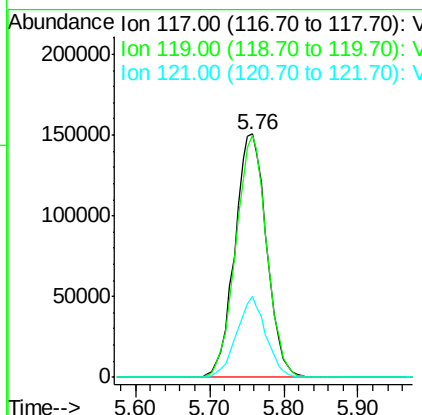
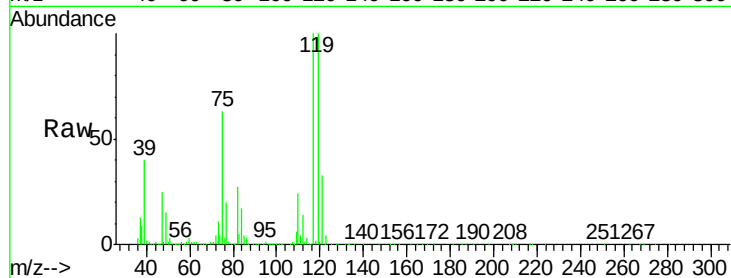




#33
Carbon Tetrachloride
Concen: 48.654 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

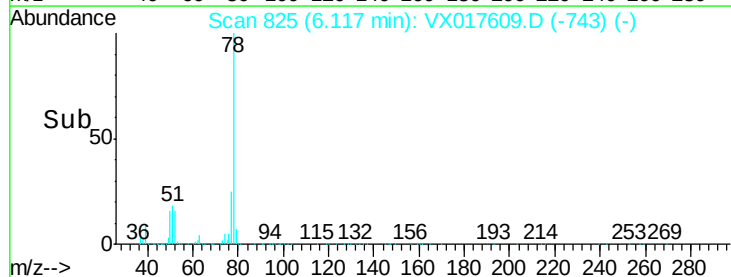
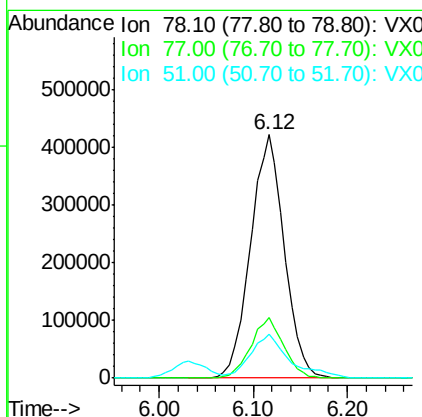
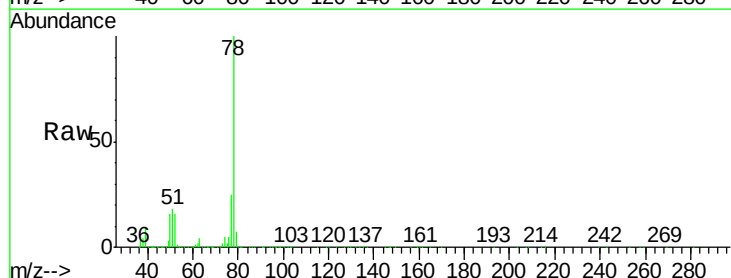
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

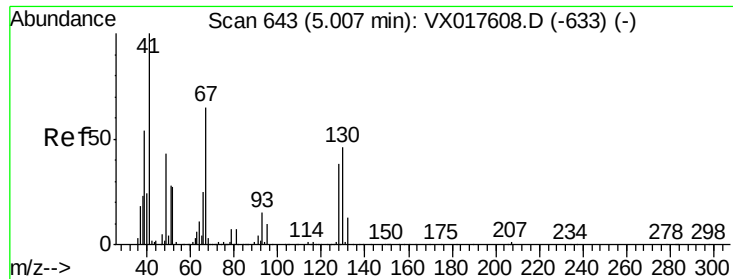
Tot Ion	Ratio	Lower	Upper
117	100		
119	99.7	76.2	114.2
121	33.2	26.8	40.2



#34
Benzene
Concen: 47.896 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.3	27.5
51	16.6	12.3	18.5

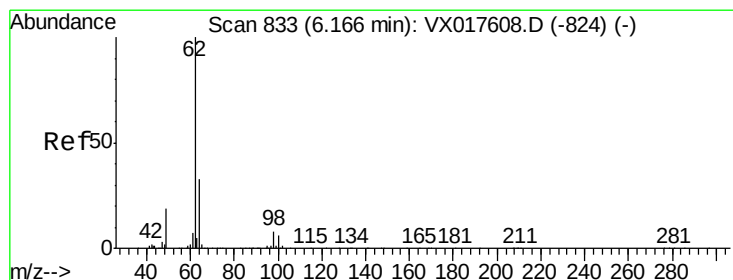
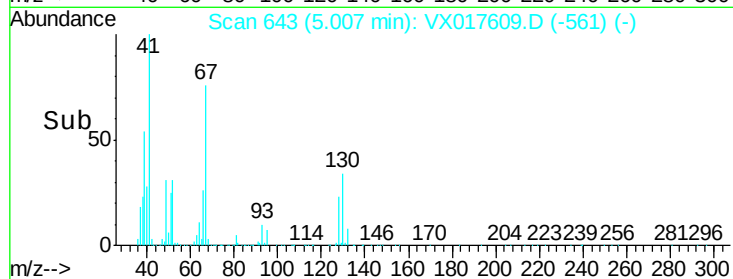
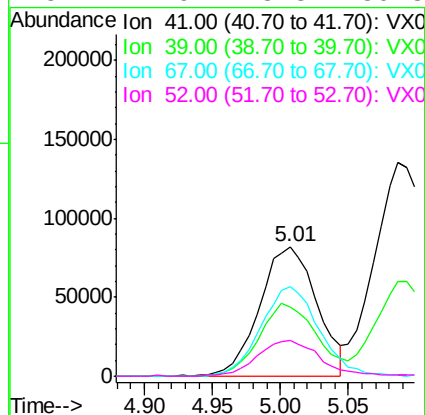
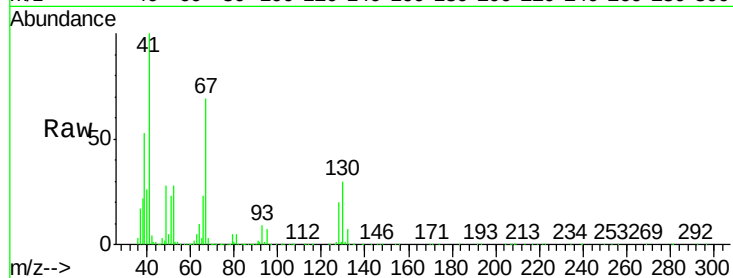




#35
Methacrylonitrile
Concen: 51.080 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

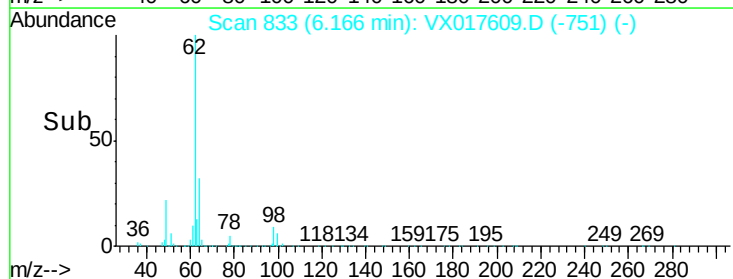
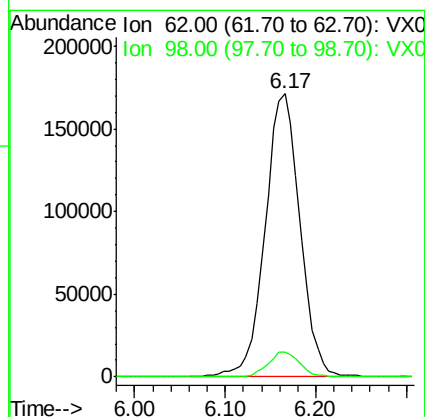
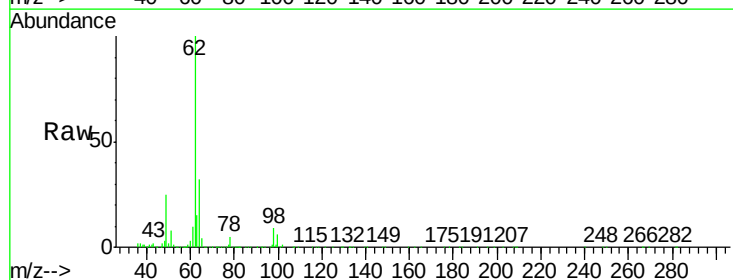
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

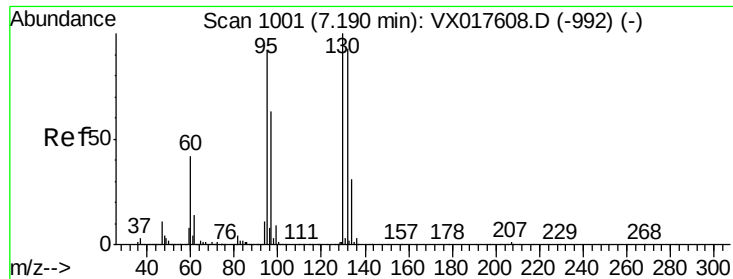
Tot Ion:	41	Resp:	240047
Ion	Ratio	Lower	Upper
41	100		
39	52.4	27.0	81.0
67	68.5	32.4	97.0
52	27.9	13.3	39.8



#36
1,2-Dichloroethane
Concen: 51.218 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion:	62	Resp:	454950
Ion	Ratio	Lower	Upper
62	100		
98	8.0	6.6	10.0





#37

Trichloroethene

Concen: 46.935 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

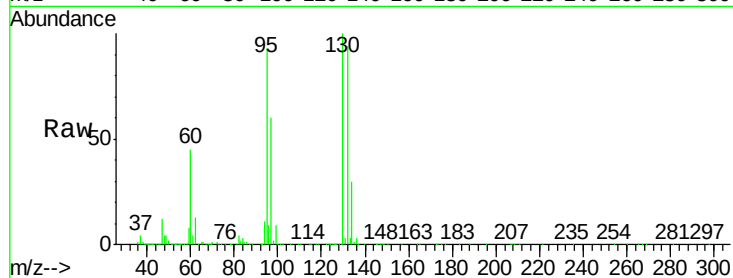
VSTDIC050

Tot Ion:130 Resp: 320685

Ion Ratio Lower Upper

130 100

95 93.0 73.9 110.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

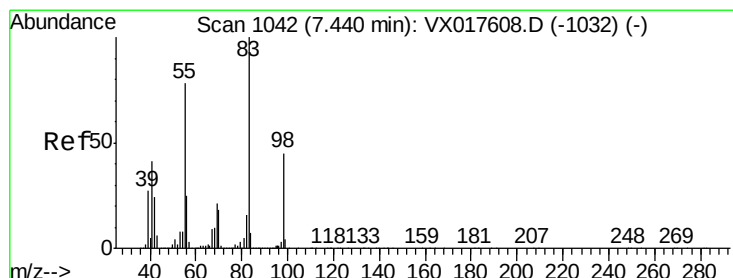
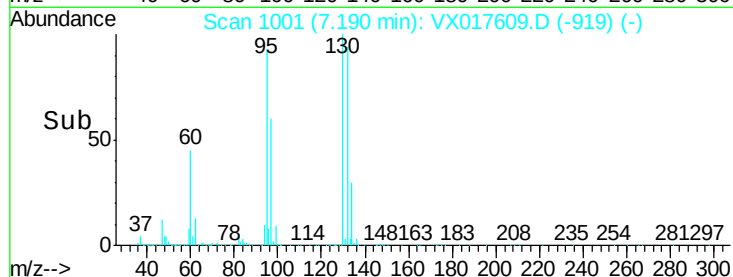
150000

100000

50000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 64.992 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

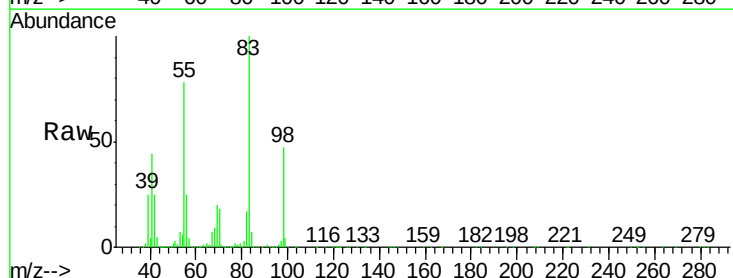
Tgt Ion: 83 Resp: 529790

Ion Ratio Lower Upper

83 100

55 76.4 39.6 118.7

98 47.3 23.9 71.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

300000

250000

200000

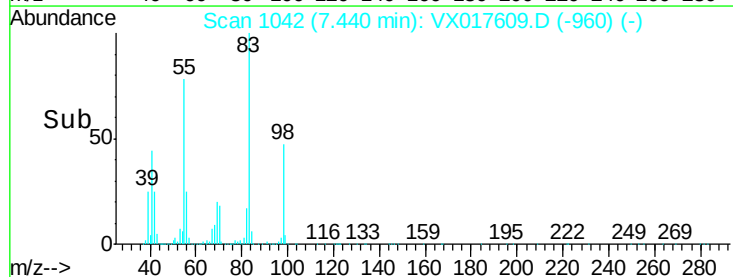
150000

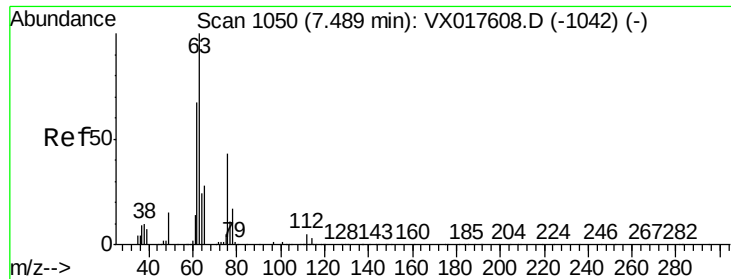
100000

50000

0

Time--> 7.30 7.40 7.50





#39

1,2-Dichloropropane

Concen: 53.397 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

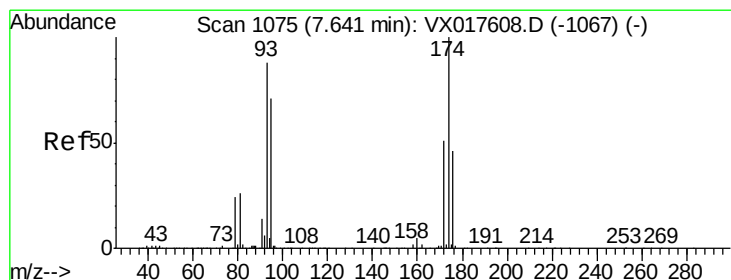
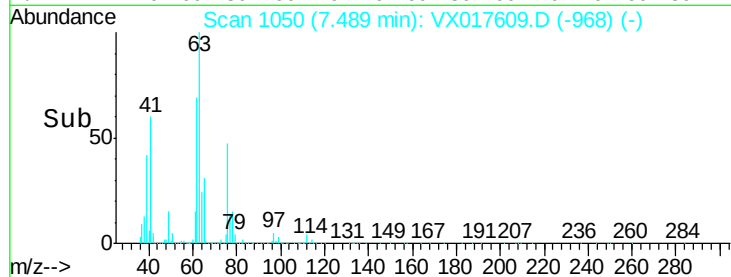
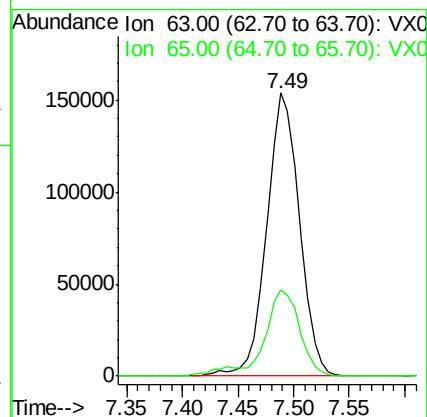
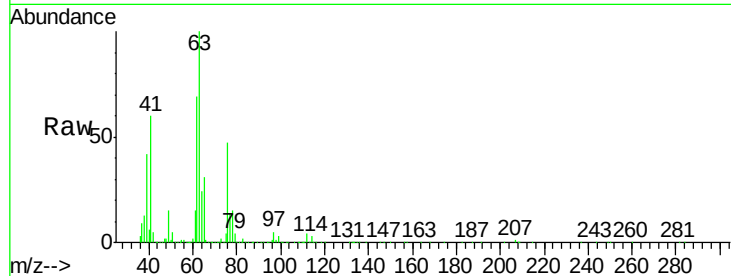
VSTDIC050

Tot Ion: 63 Resp: 315204

Ion Ratio Lower Upper

63 100

65 30.4 25.2 37.8



#40

Dibromomethane

Concen: 51.678 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

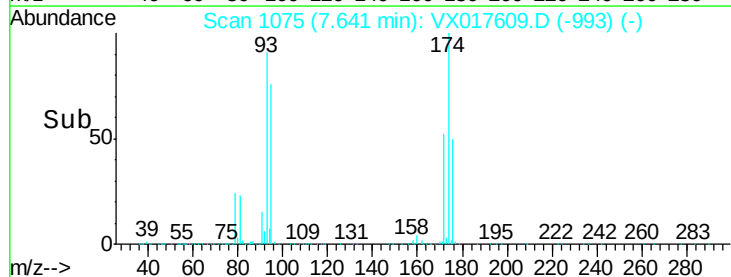
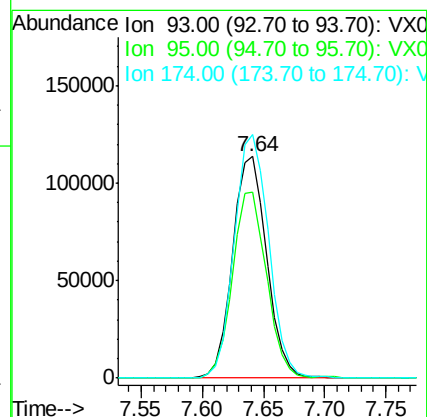
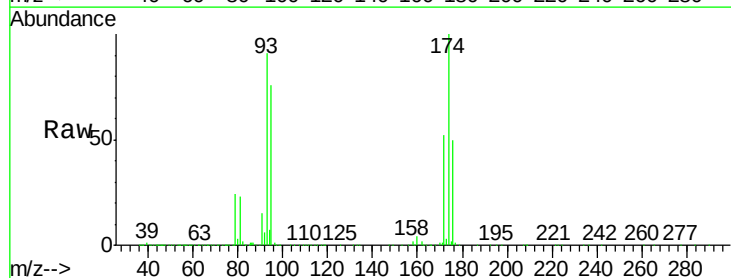
Tgt Ion: 93 Resp: 220005

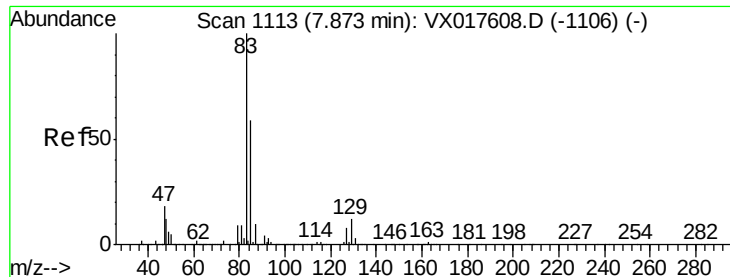
Ion Ratio Lower Upper

93 100

95 83.5 0.0 163.4

174 111.0 0.0 214.6





#41

Bromodichloromethane

Concen: 54.628 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

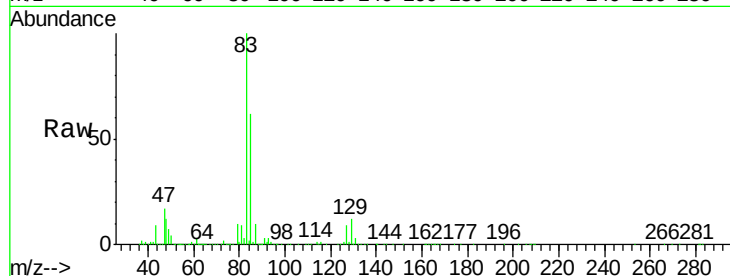
Tot Ion: 83 Resp: 489692

Ion Ratio Lower Upper

83 100

85 62.4 47.4 71.0

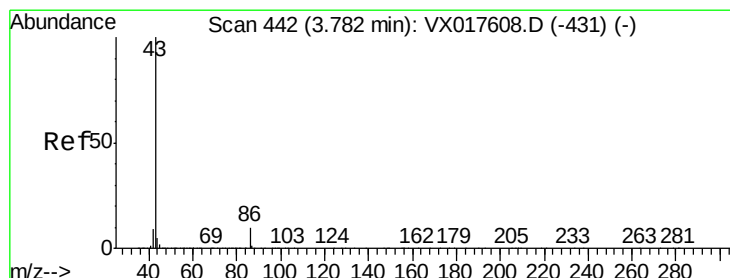
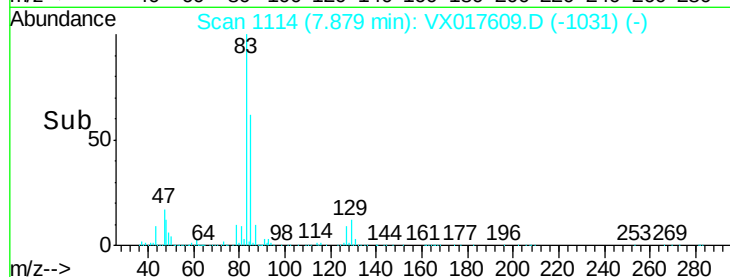
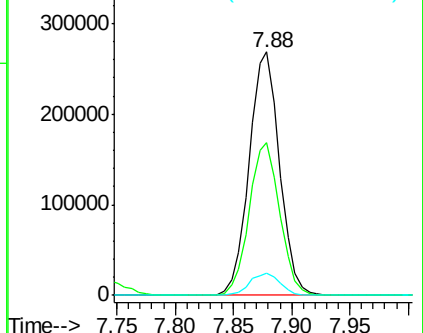
127 9.3 6.3 9.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 227.316 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX017609.D

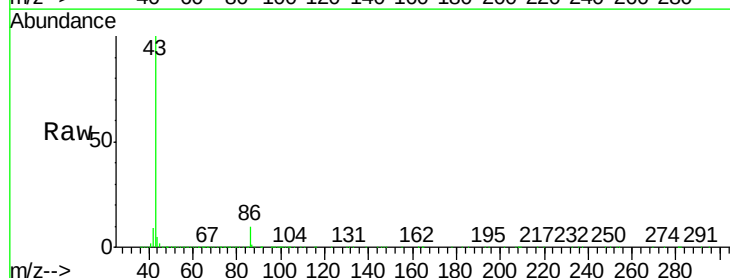
Acq: 27 Jul 2020 10:08

Tgt Ion: 43 Resp: 3510281

Ion Ratio Lower Upper

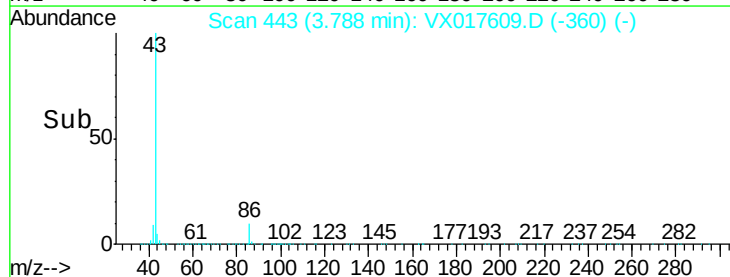
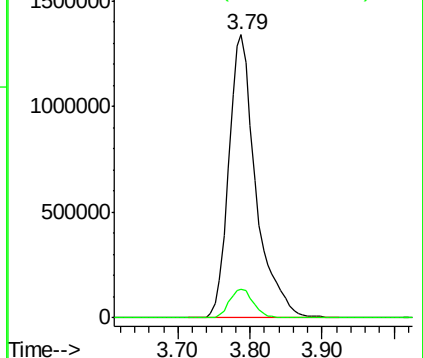
43 100

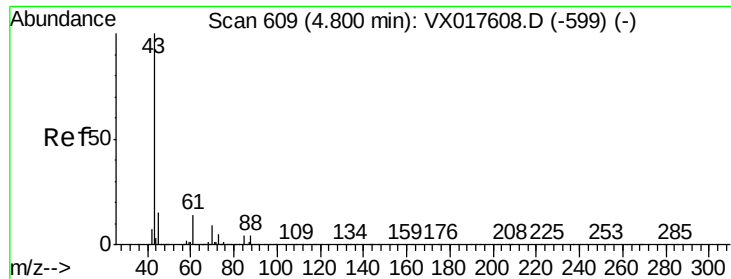
86 9.0 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

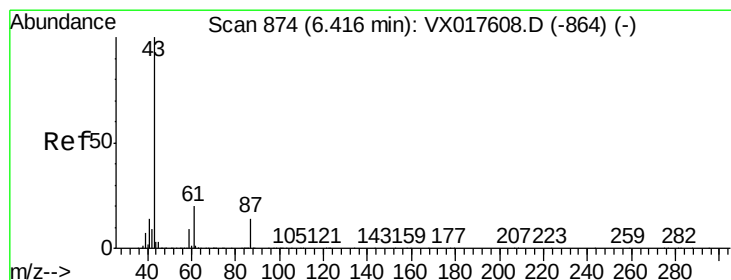
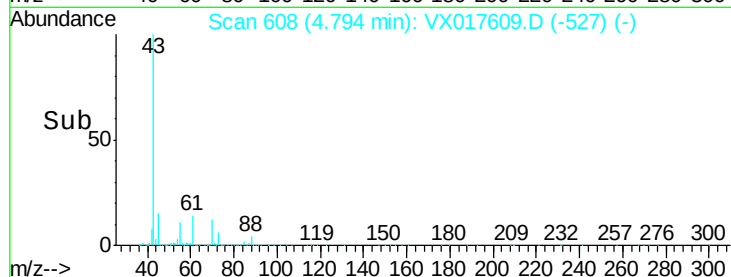
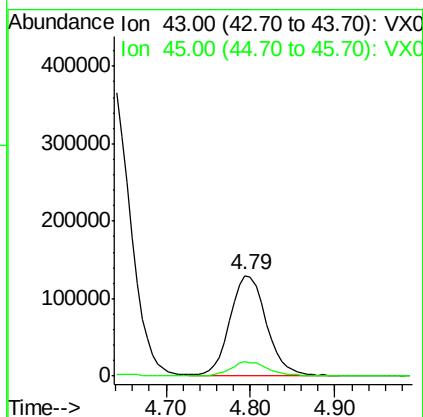
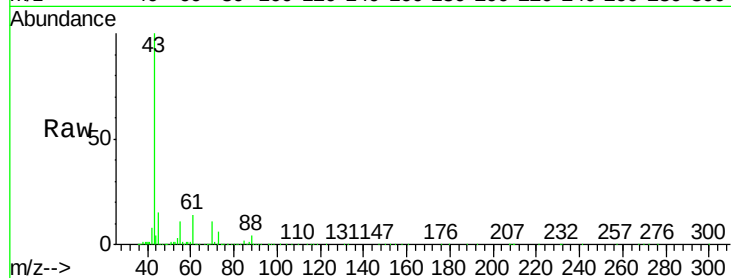




#43
Ethyl Acetate
Concen: 47.645 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

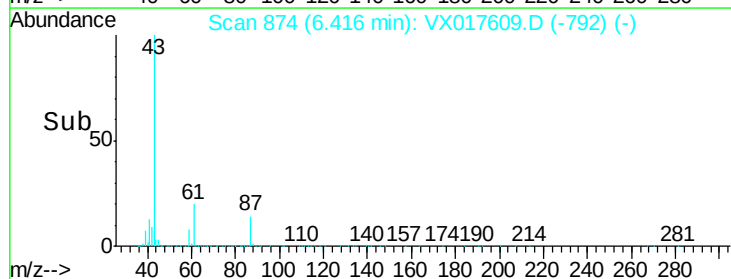
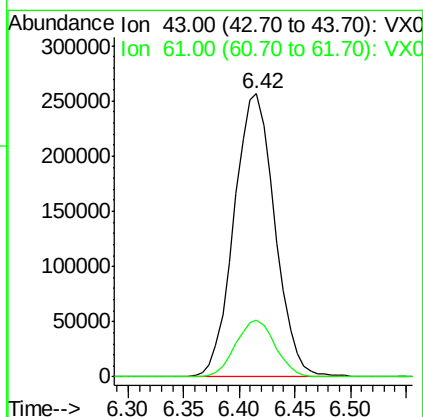
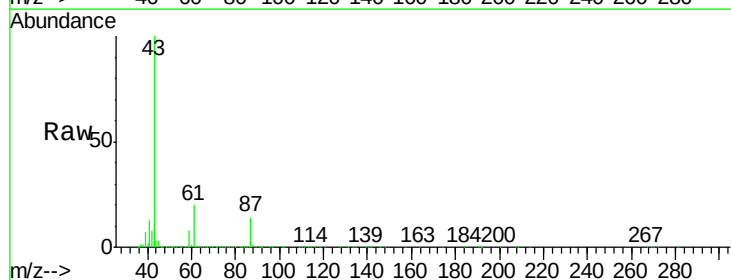
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

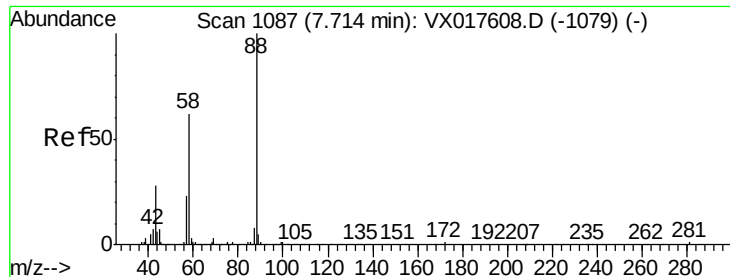
Tot Ion: 43 Resp: 382533
Ion Ratio Lower Upper
43 100
45 14.6 11.4 17.2



#44
Isopropyl Acetate
Concen: 48.316 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion: 43 Resp: 651865
Ion Ratio Lower Upper
43 100
61 19.6 15.9 23.9

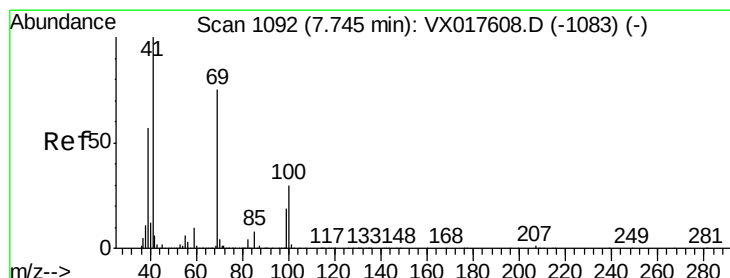
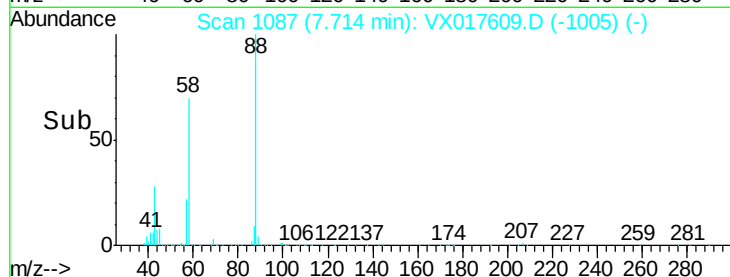
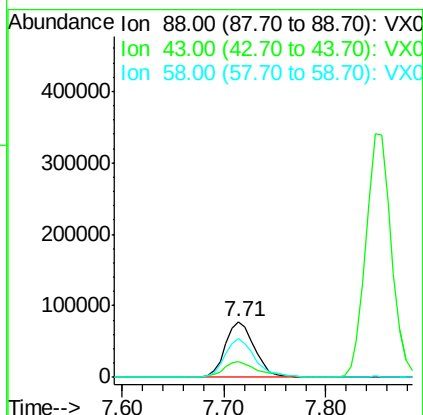
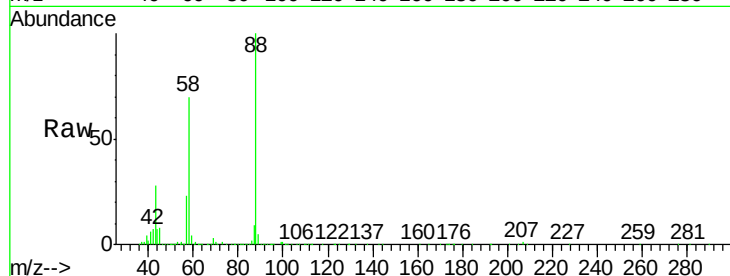




#45
 1,4-Dioxane
 Concen: 1182.986 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

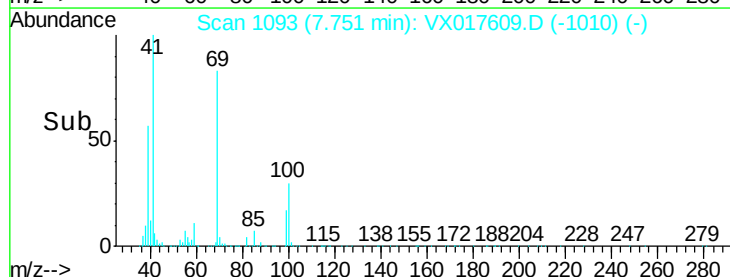
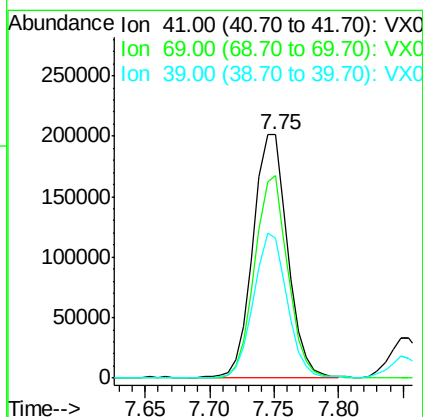
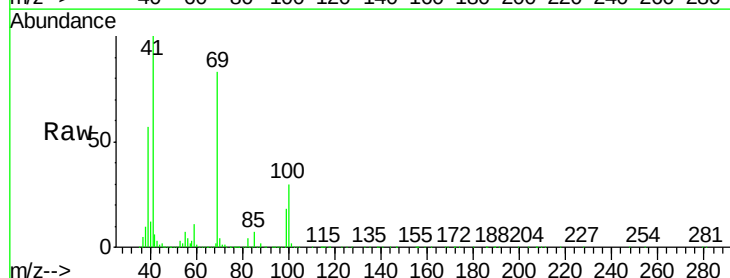
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

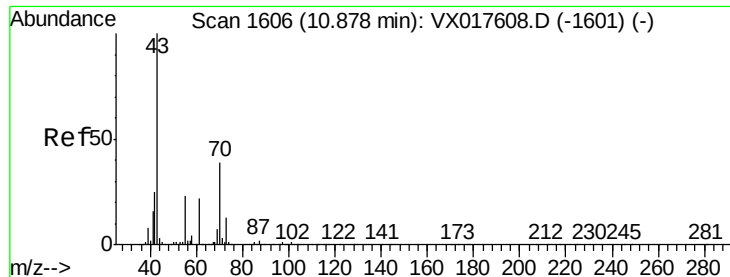
Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	29.0	43.6
58	69.9	55.6	83.4



#46
 Methyl methacrylate
 Concen: 56.836 ug/l
 RT: 7.75 min Scan# 1093
 Delta R.T. 0.01 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.0	37.4	112.1
39	57.4	28.7	86.1





#47

n-amyl Acetate

Concen: 57.796 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

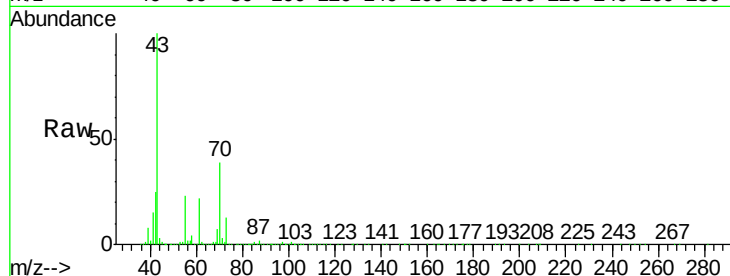
VSTDIC050

Tot Ion: 43 Resp: 688958

Ion Ratio Lower Upper

43 100

55 23.5 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.88

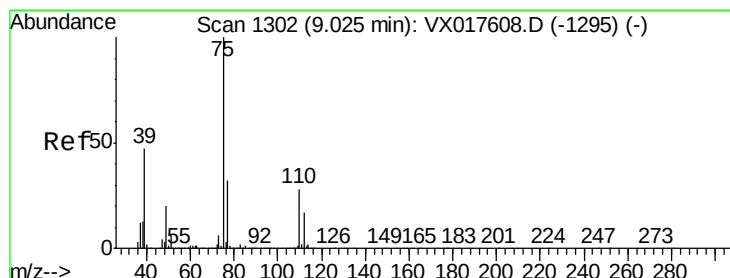
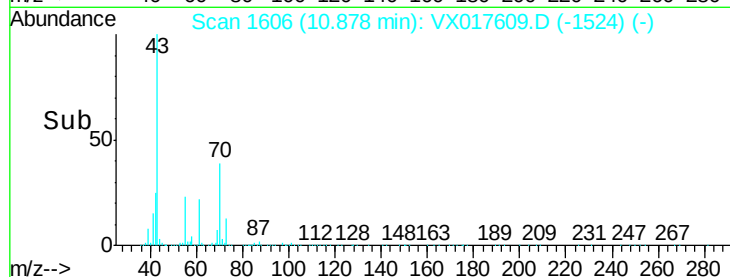
600000

400000

200000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 54.566 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017609.D

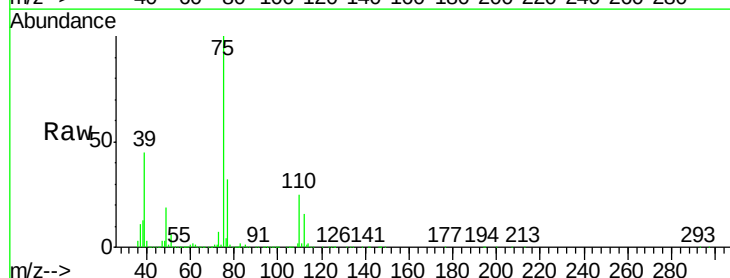
Acq: 27 Jul 2020 10:08

Tgt Ion: 75 Resp: 543486

Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.02

400000

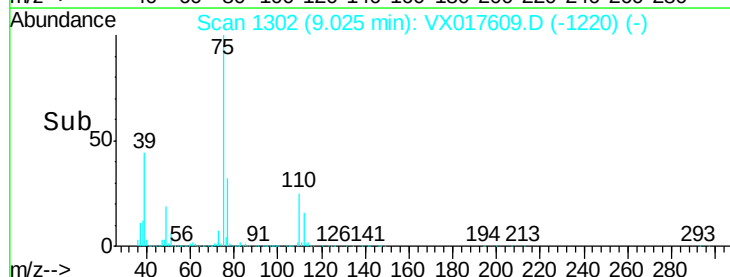
300000

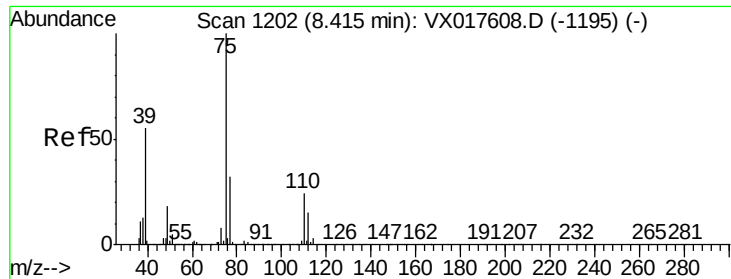
200000

100000

0

Time-->

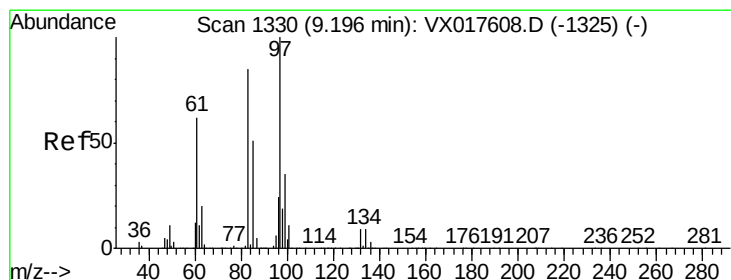
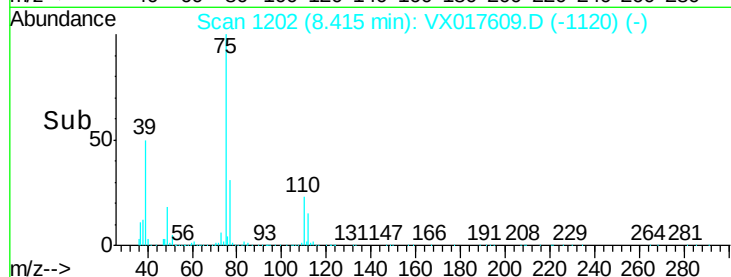
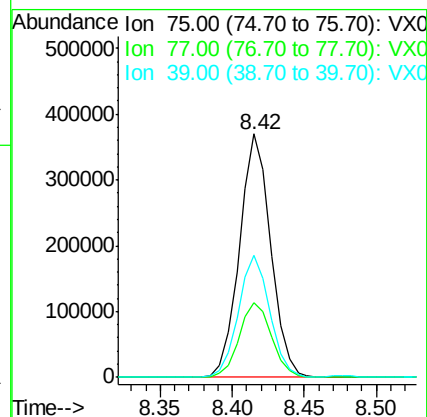
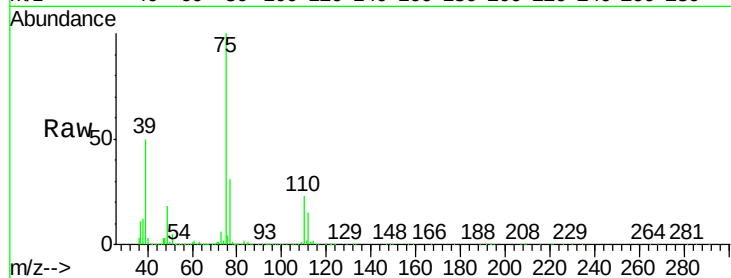




#49
 cis-1,3-Dichloropropene
 Concen: 53.497 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

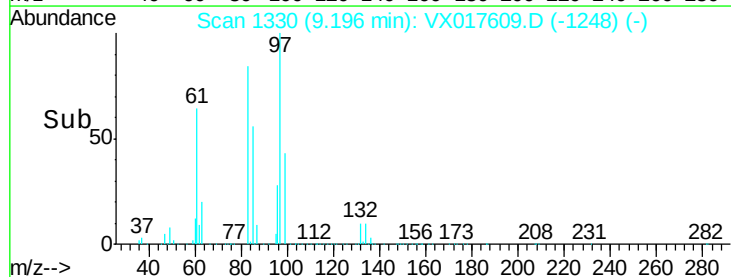
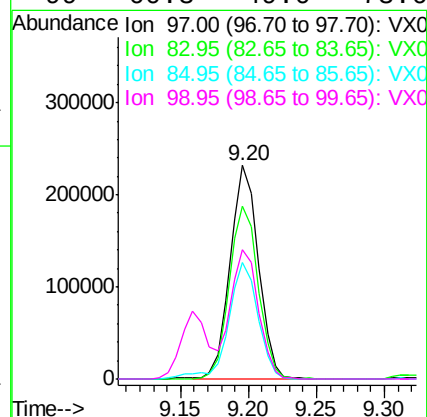
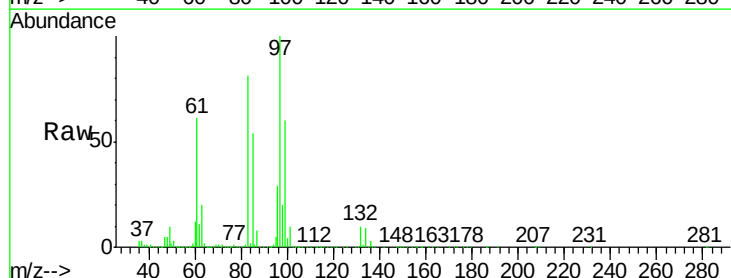
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

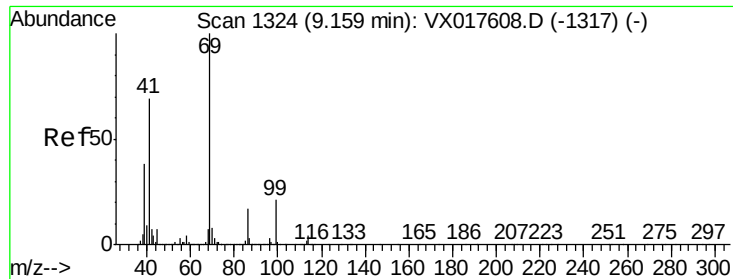
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.4	38.0
39	50.2	43.6	65.4



#50
 1,1,2-Trichloroethane
 Concen: 53.411 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.1	68.2	102.2
85	54.3	42.6	64.0
99	60.3	49.0	73.6





#51

Ethyl methacrylate

Concen: 54.301 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

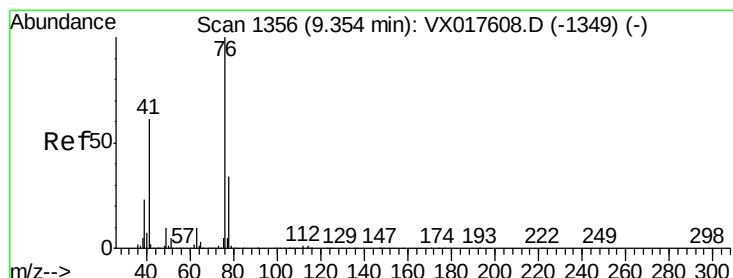
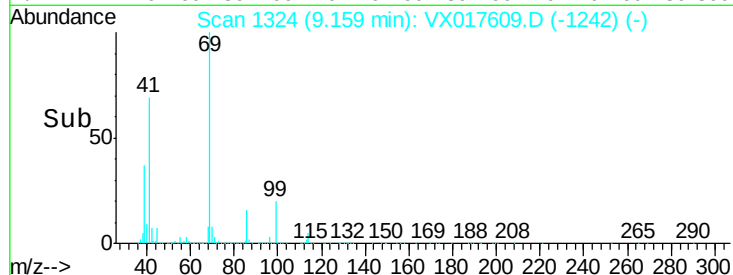
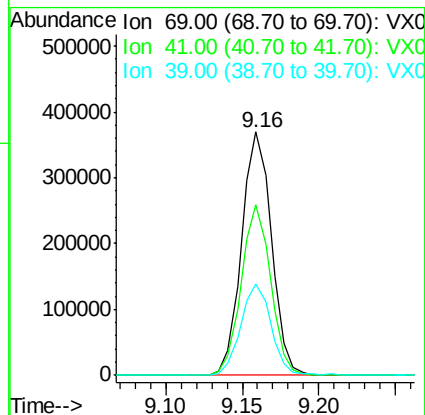
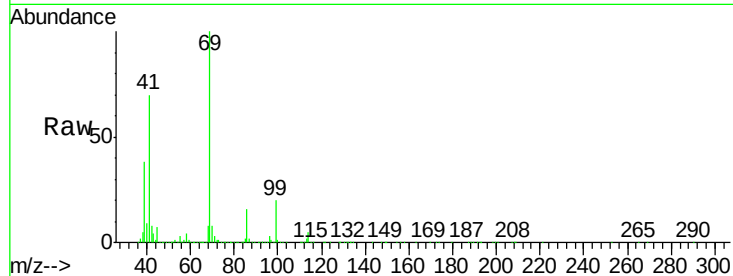
Tot Ion: 69 Resp: 501558

Ion Ratio Lower Upper

69 100

41 70.1 34.4 103.2

39 37.5 19.1 57.1



#52

1,3-Dichloropropane

Concen: 52.872 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017609.D

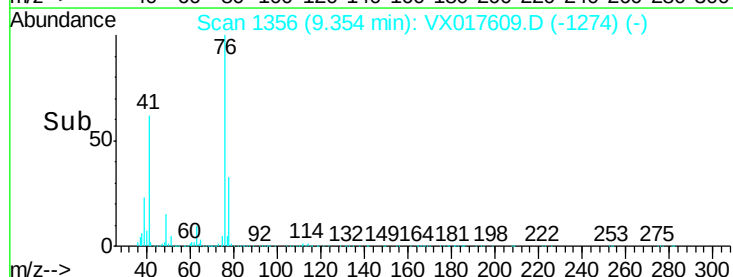
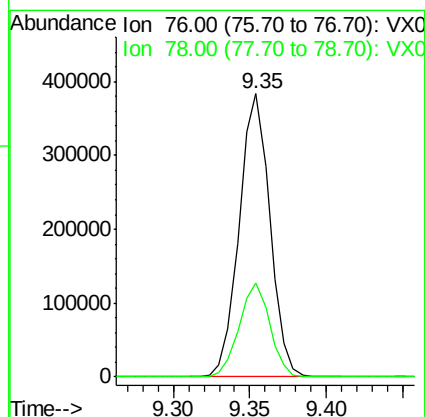
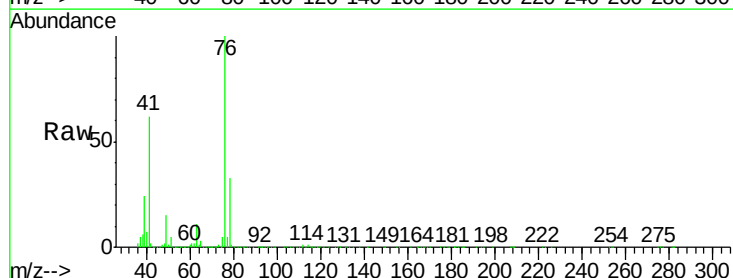
Acq: 27 Jul 2020 10:08

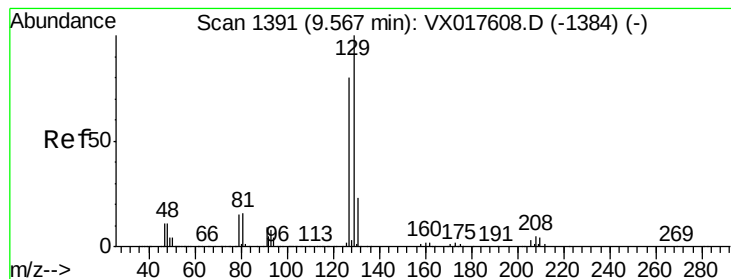
Tgt Ion: 76 Resp: 534786

Ion Ratio Lower Upper

76 100

78 33.0 0.0 65.4





#53

Dibromochloromethane

Concen: 55.239 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

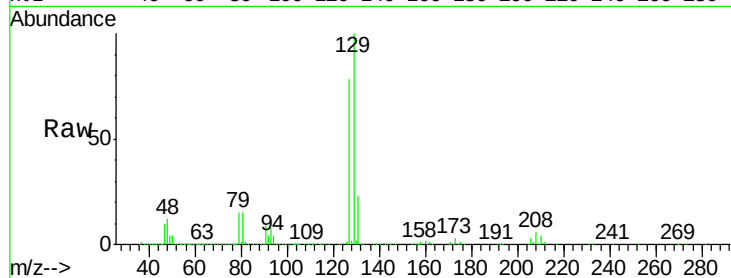
VSTDIC050

Tot Ion:129 Resp: 418599

Ion Ratio Lower Upper

129 100

127 77.5 39.7 119.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.57

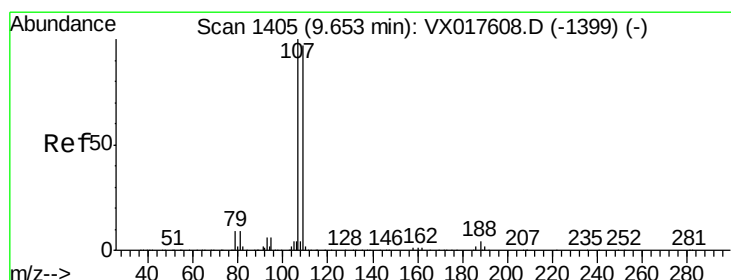
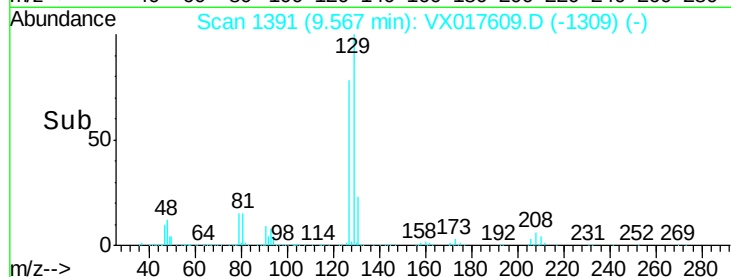
300000

200000

100000

0

Time-->



#54

1,2-Dibromoethane

Concen: 52.791 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017609.D

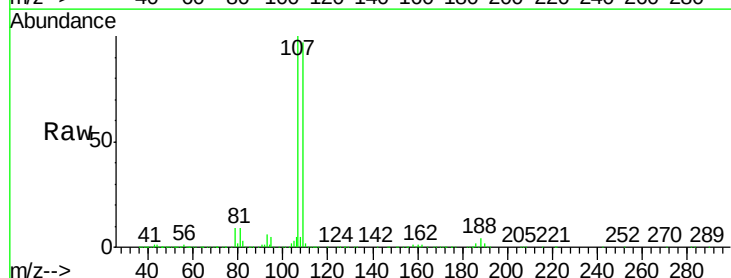
Acq: 27 Jul 2020 10:08

Tgt Ion:107 Resp: 351534

Ion Ratio Lower Upper

107 100

109 93.9 75.6 113.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.65

300000

250000

200000

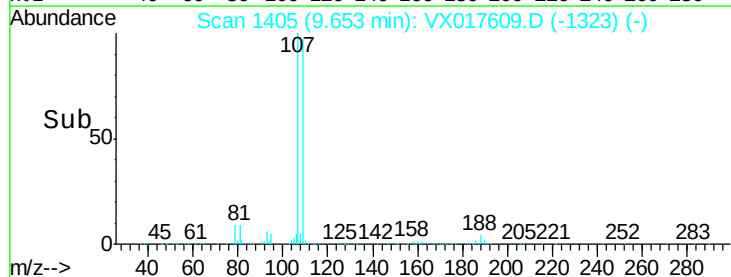
150000

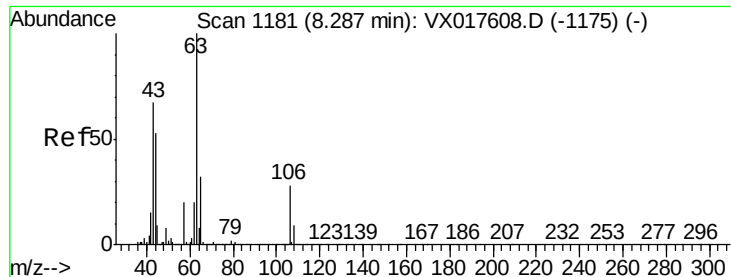
100000

50000

0

Time-->

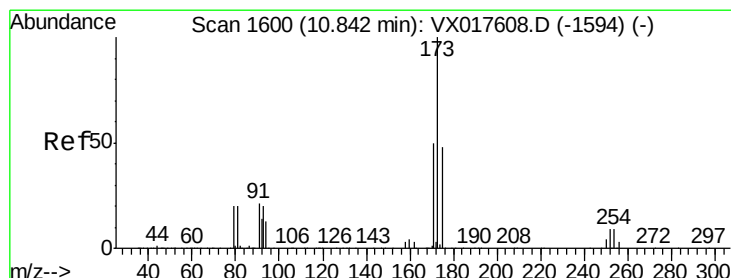
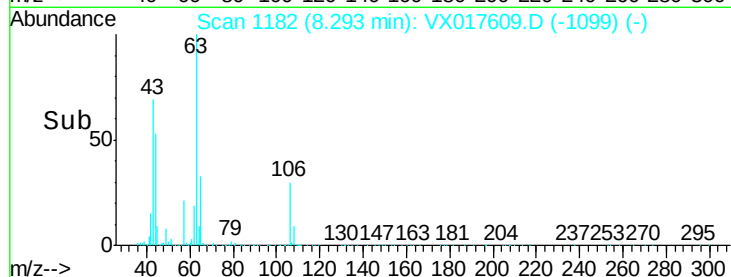
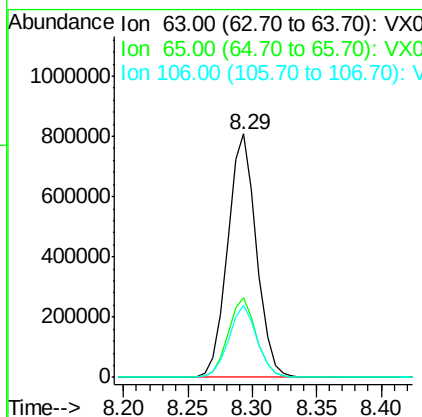
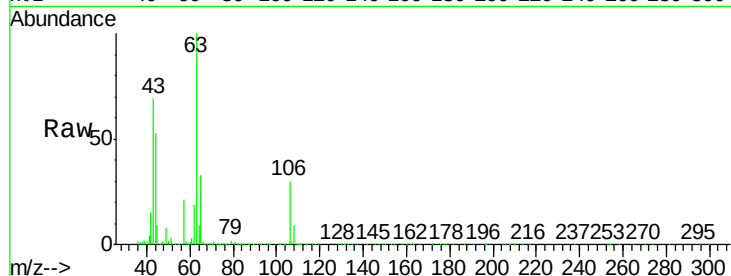




#55
2-Chloroethyl vinyl ether
Concen: 289.486 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

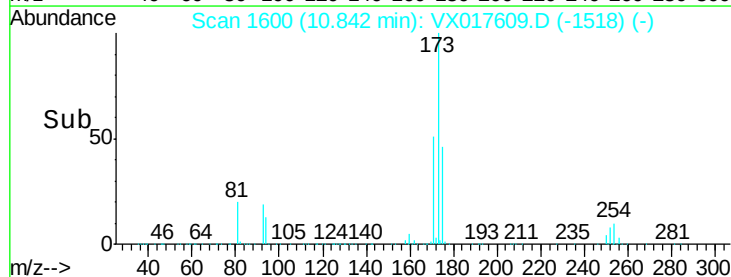
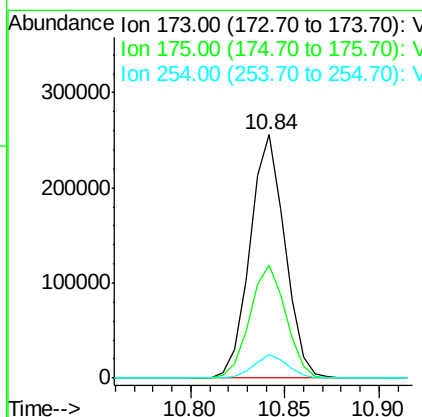
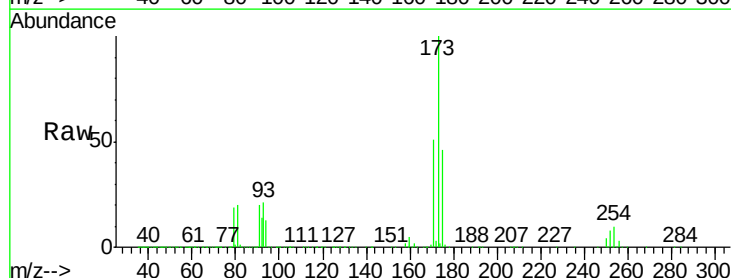
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

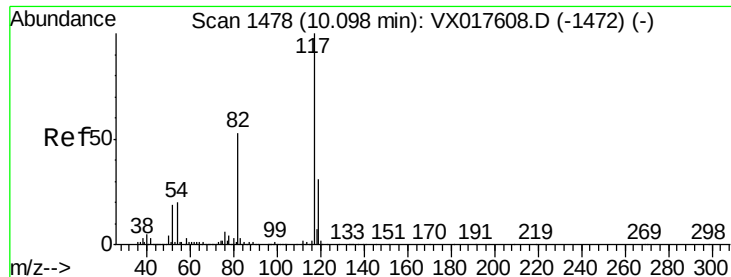
Tot Ion: 63 Resp: 1256550
Ion Ratio Lower Upper
63 100
65 32.0 25.5 38.3
106 29.1 22.9 34.3



#56
Bromoform
Concen: 54.958 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion: 173 Resp: 328513
Ion Ratio Lower Upper
173 100
175 47.8 38.2 57.4
254 9.6 7.4 11.2

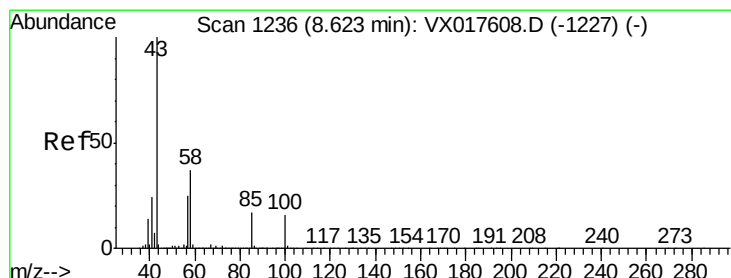
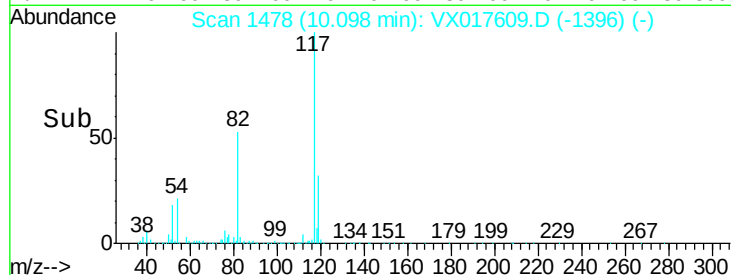
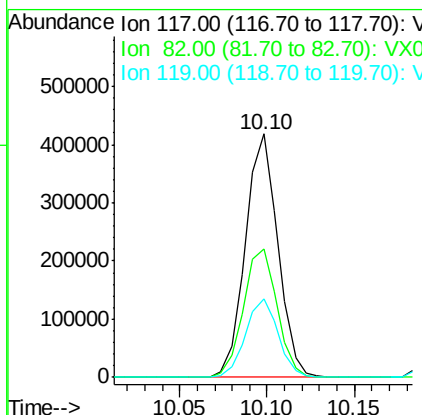
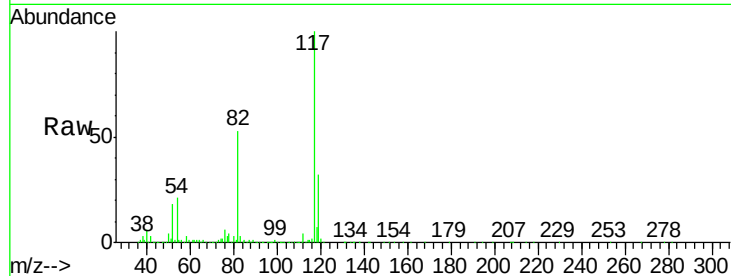




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

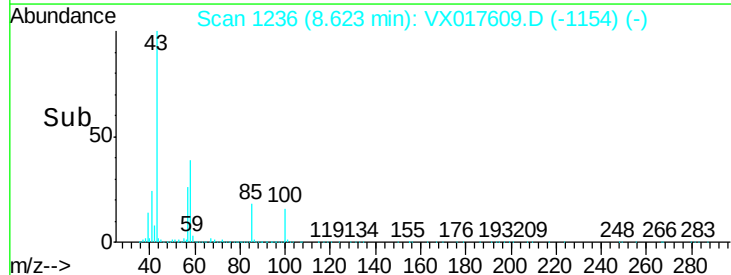
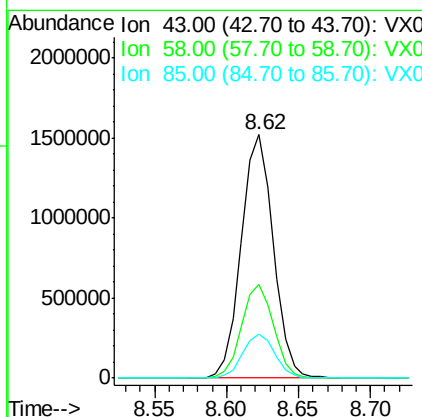
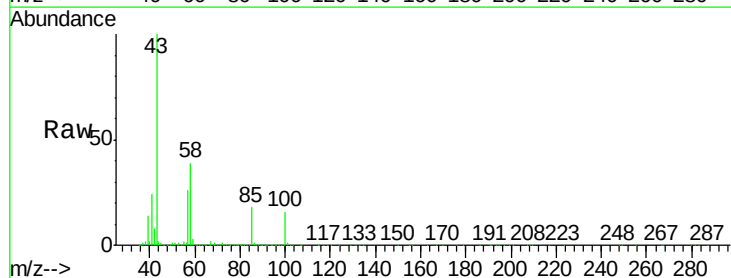
Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

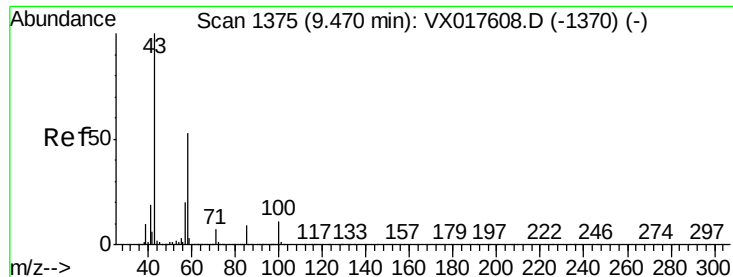
Tot Ion:117 Resp: 540190
Ion Ratio Lower Upper
117 100
82 54.9 43.6 65.4
119 32.3 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 256.054 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion: 43 Resp: 2352398
Ion Ratio Lower Upper
43 100
58 38.2 30.5 45.7
85 18.0 14.2 21.2



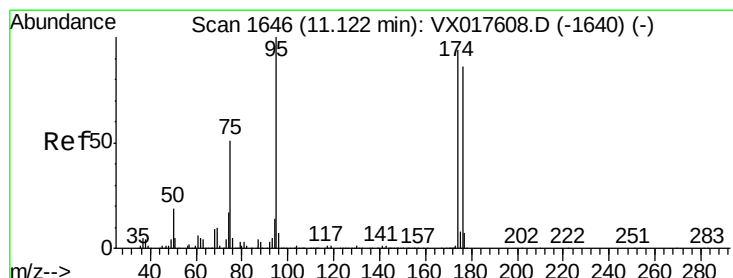
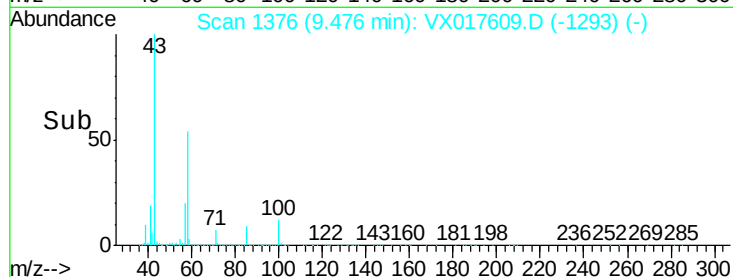
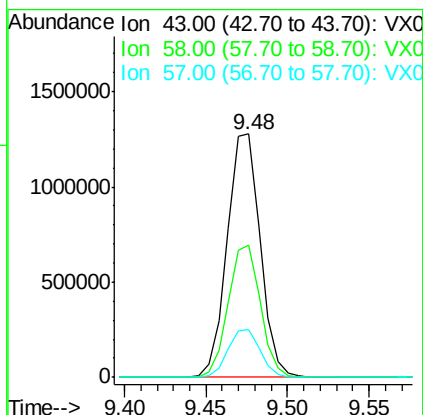
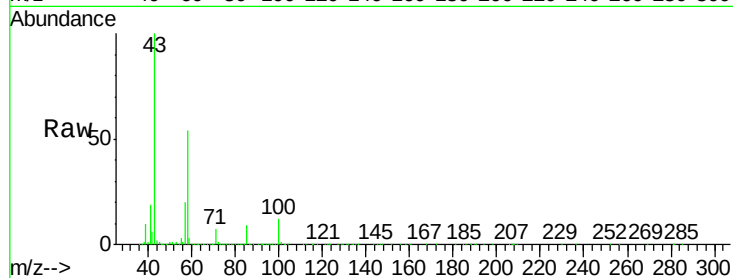


#59
2-Hexanone
Concen: 268.388 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion: 43 Resp: 1801932

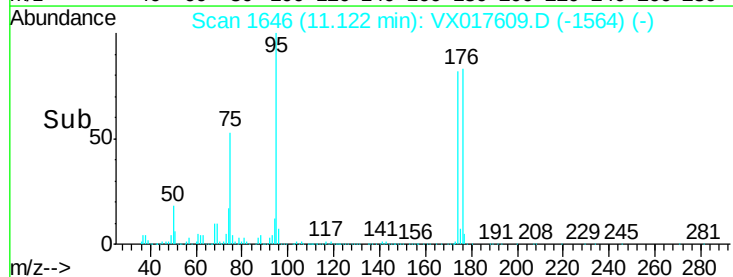
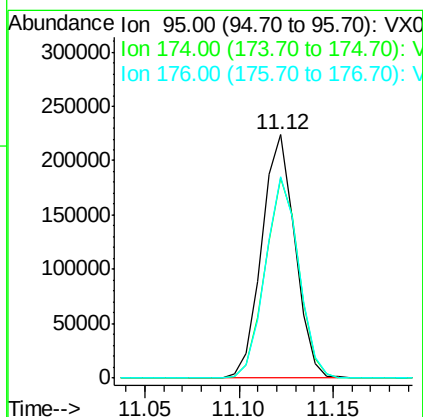
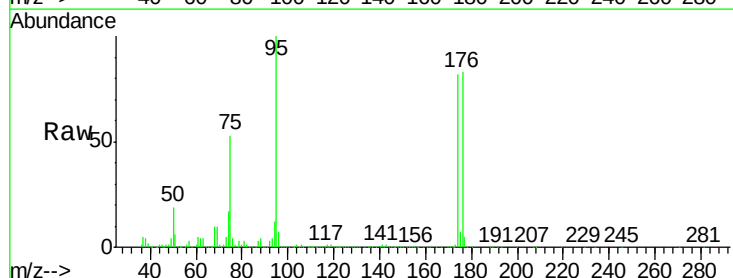
Ion	Ratio	Lower	Upper
43	100		
58	52.9	42.9	64.3
57	19.3	16.1	24.1

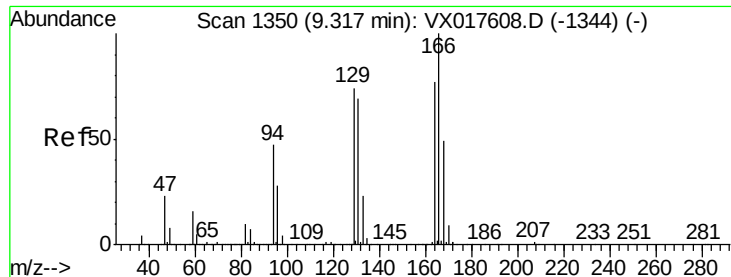


#60
4-Bromofluorobenzene
Concen: 29.362 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion: 95 Resp: 274219

Ion	Ratio	Lower	Upper
95	100		
174	82.8	70.2	105.2
176	82.9	65.6	98.4





#61

Tetrachloroethene

Concen: 50.674 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:164 Resp: 363681

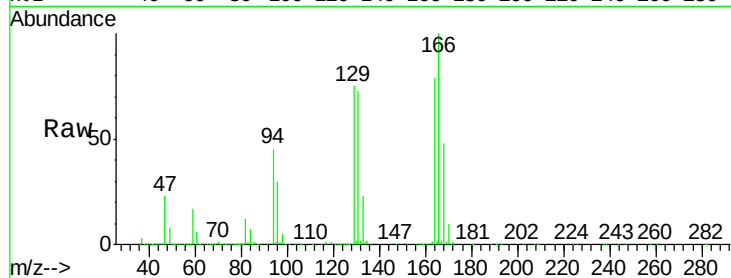
Ion Ratio Lower Upper

164 100

166 125.8 104.4 156.6

129 93.8 77.0 115.4

131 92.1 72.3 108.5

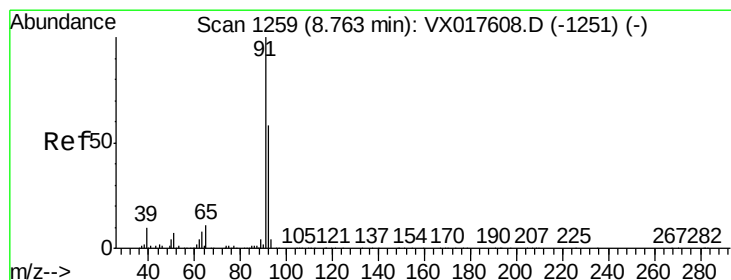
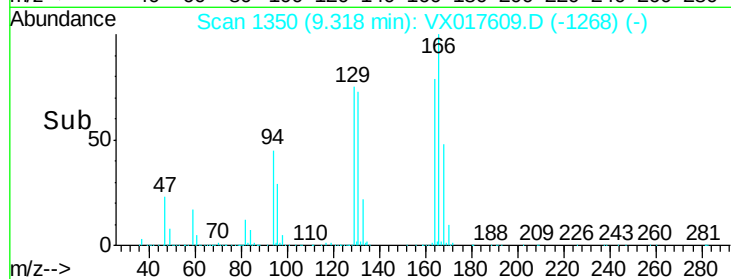
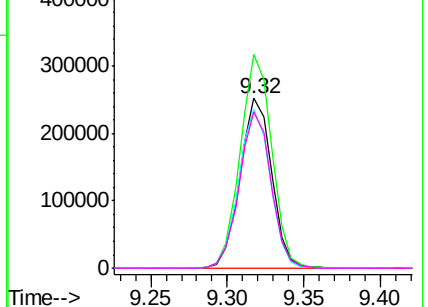


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 48.320 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017609.D

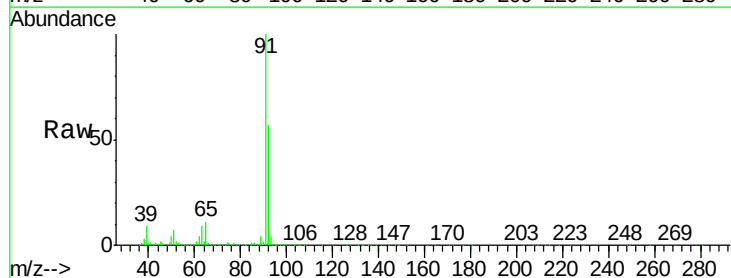
Acq: 27 Jul 2020 10:08

Tgt Ion: 91 Resp: 1303859

Ion Ratio Lower Upper

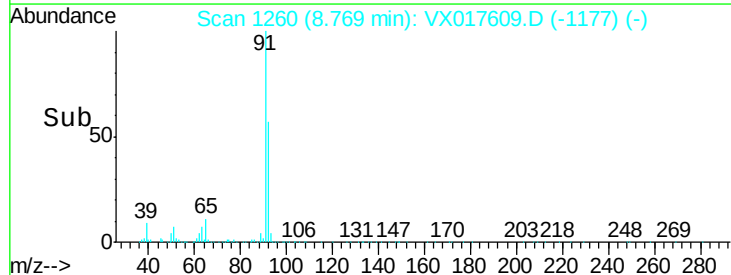
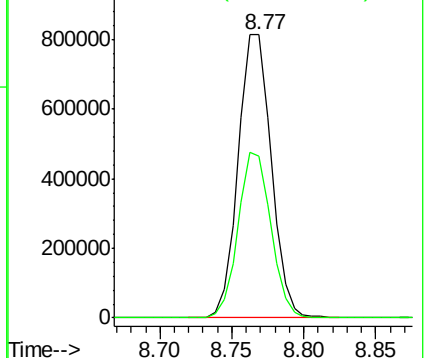
91 100

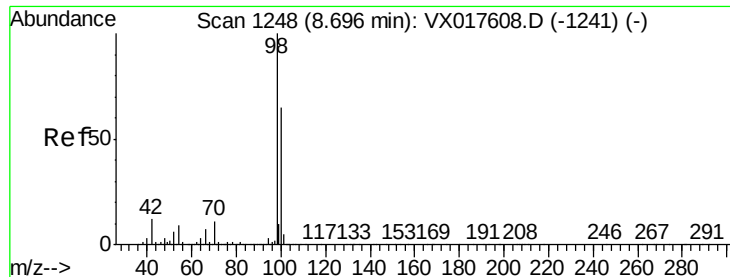
92 58.0 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.487 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

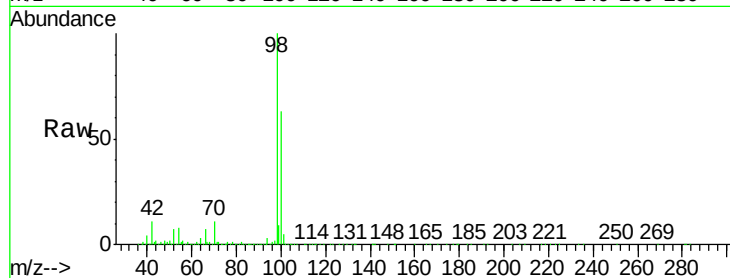
VSTDIC050

Tot Ion: 98 Resp: 696774

Ion Ratio Lower Upper

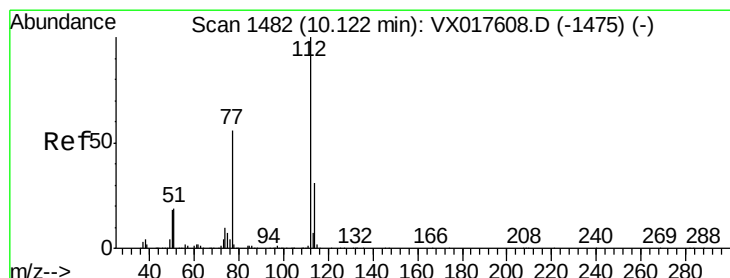
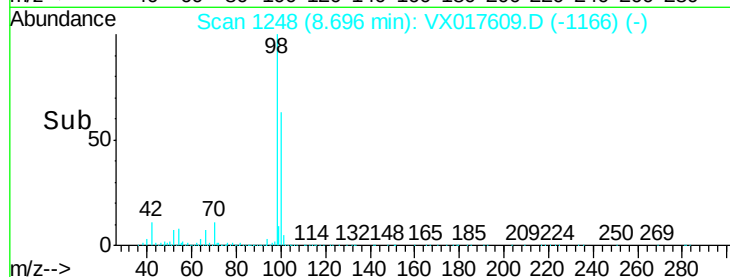
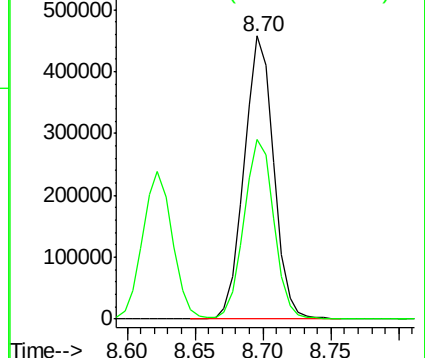
98 100

100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 51.210 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017609.D

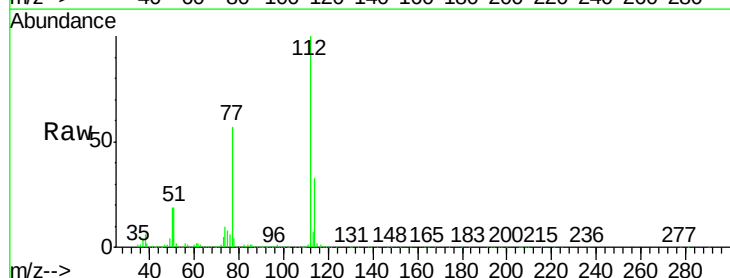
Acq: 27 Jul 2020 10:08

Tgt Ion: 112 Resp: 895065

Ion Ratio Lower Upper

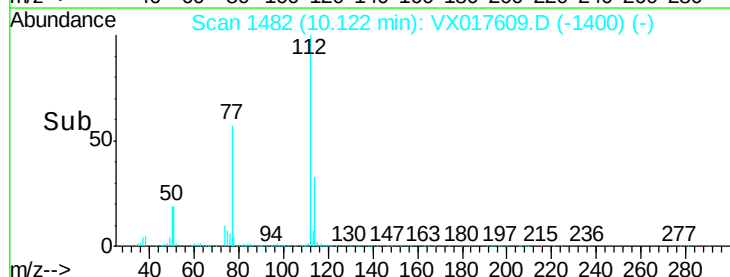
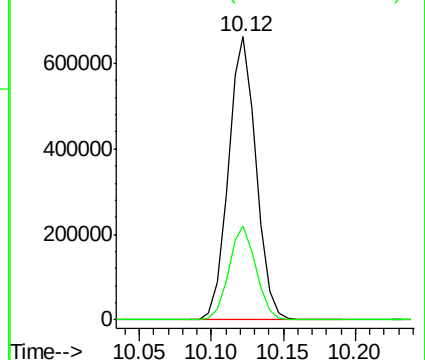
112 100

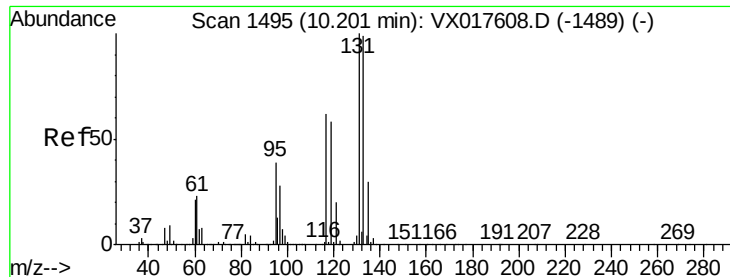
114 33.0 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 51.641 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

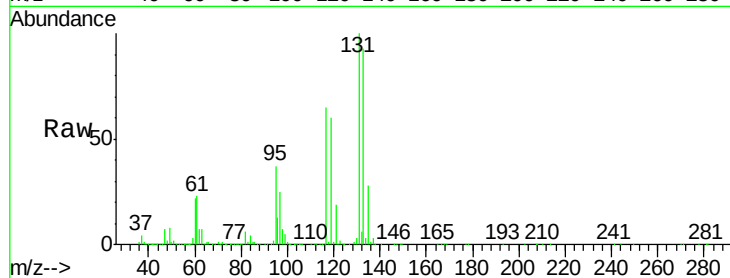
Tot Ion:131 Resp: 373903

Ion Ratio Lower Upper

131 100

133 93.6 0.0 189.8

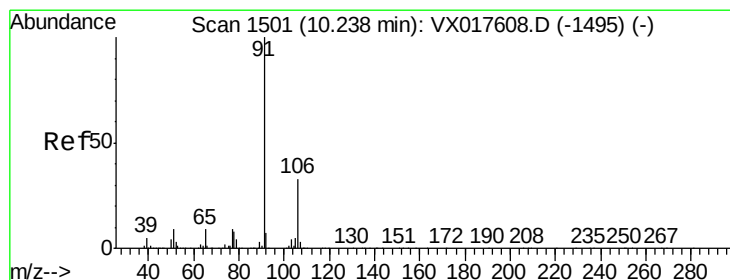
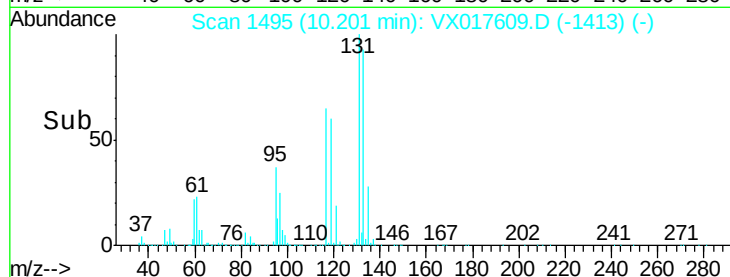
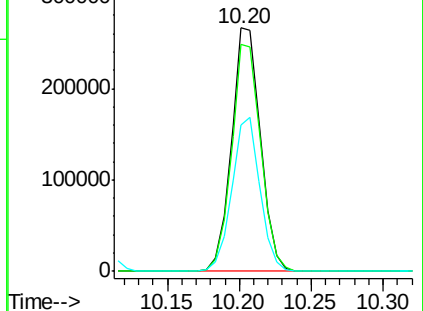
119 61.2 0.0 119.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 52.129 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX017609.D

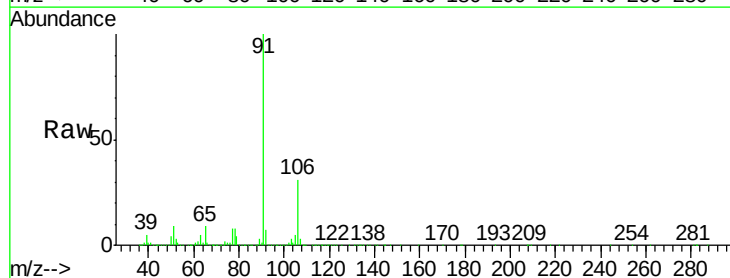
Acq: 27 Jul 2020 10:08

Tgt Ion: 91 Resp: 1546708

Ion Ratio Lower Upper

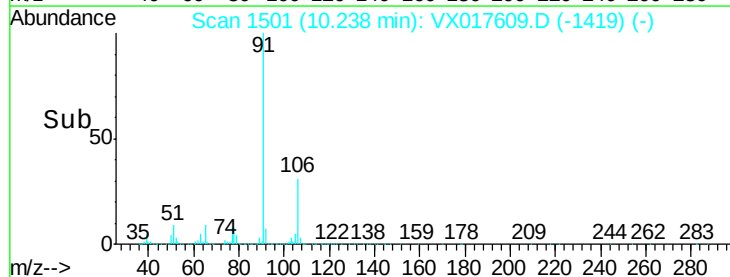
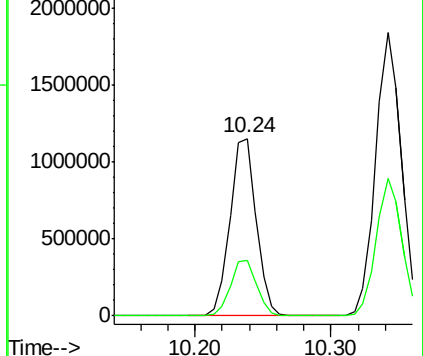
91 100

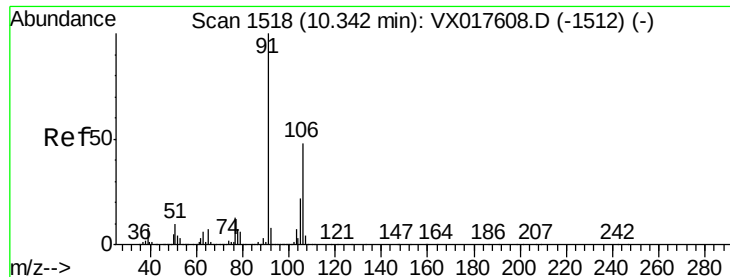
106 31.0 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 102.840 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

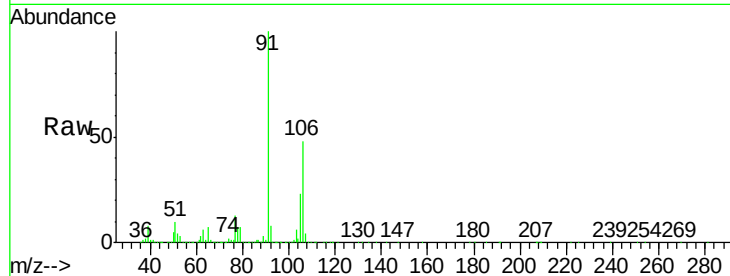
VSTDIC050

Tot Ion:106 Resp: 1170751

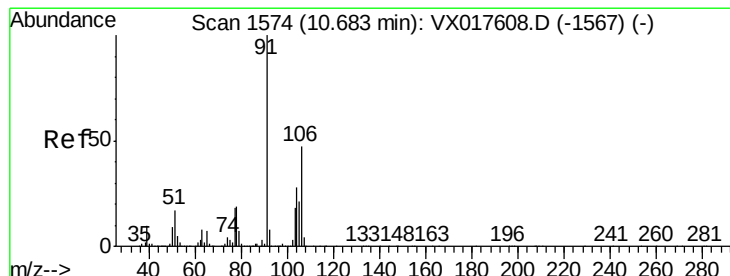
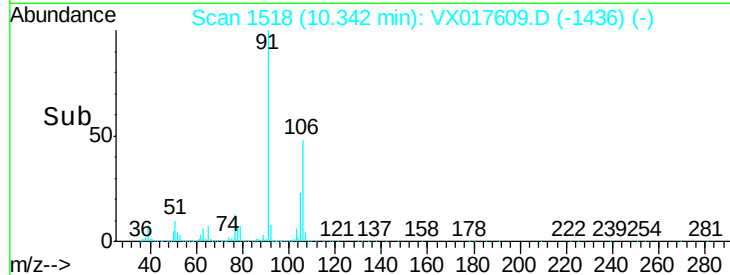
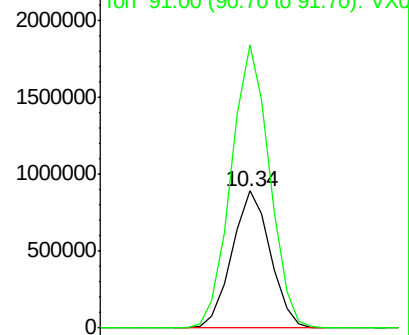
Ion Ratio Lower Upper

106 100

91 206.4 166.6 249.8



Abundance Ion 106.00 (105.70 to 106.70): V



#68

o-Xylene

Concen: 52.613 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX017609.D

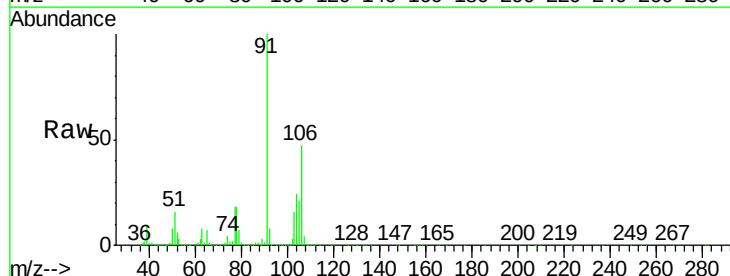
Acq: 27 Jul 2020 10:08

Tgt Ion:106 Resp: 576296

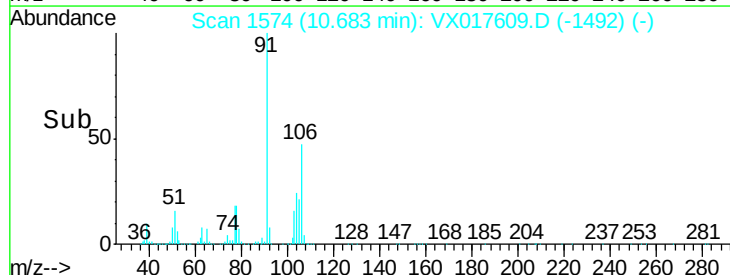
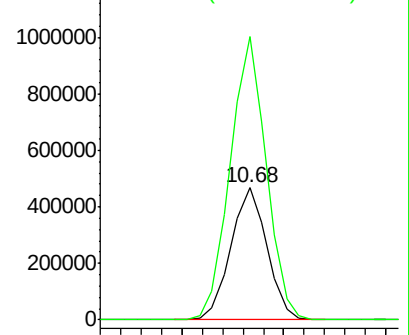
Ion Ratio Lower Upper

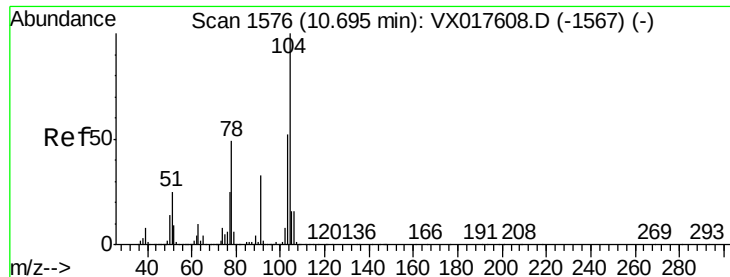
106 100

91 213.3 105.8 317.6



Abundance Ion 106.00 (105.70 to 106.70): V

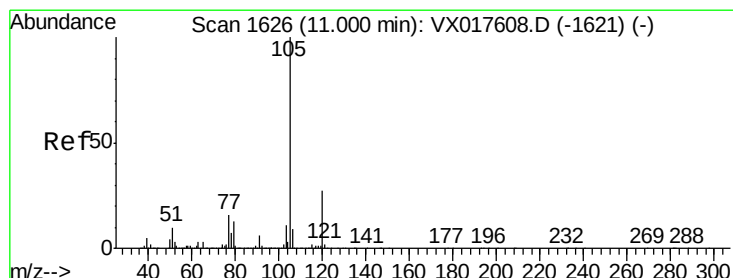
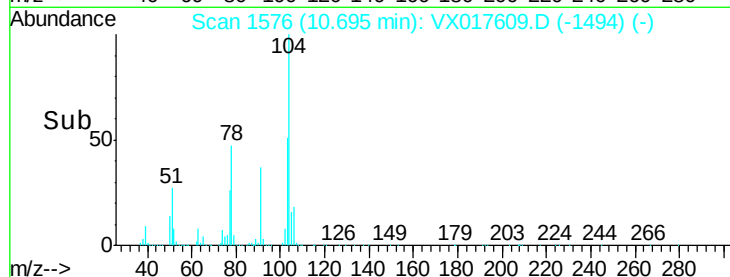
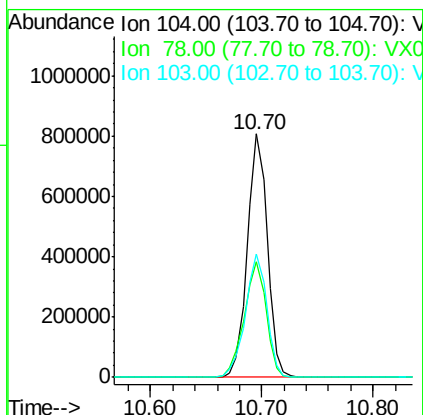
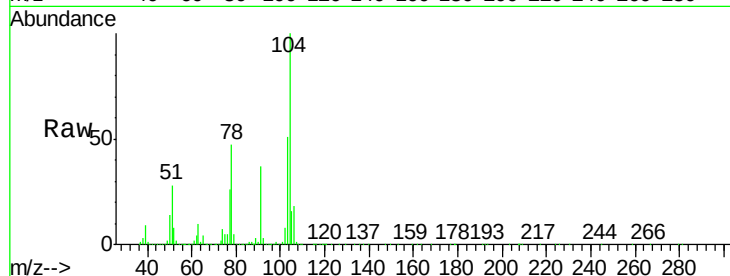




#69
Stvrene
Concen: 52.024 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

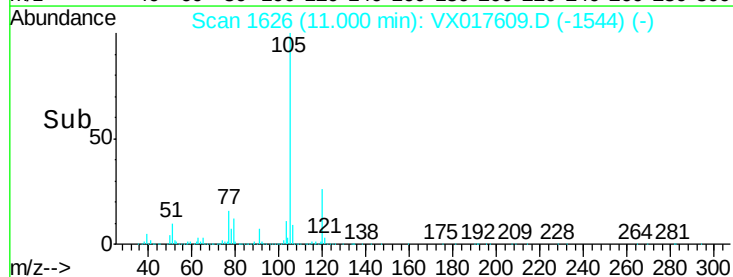
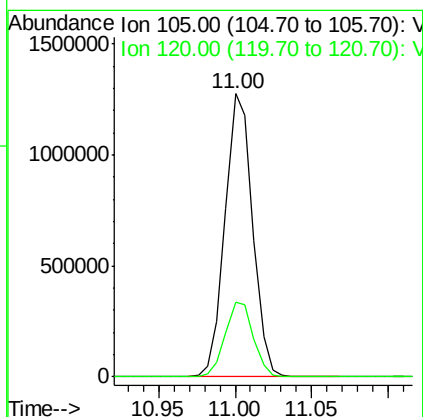
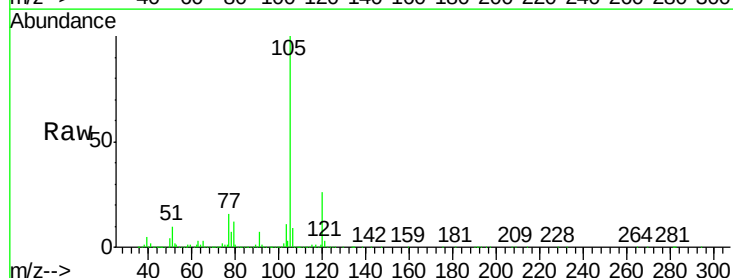
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

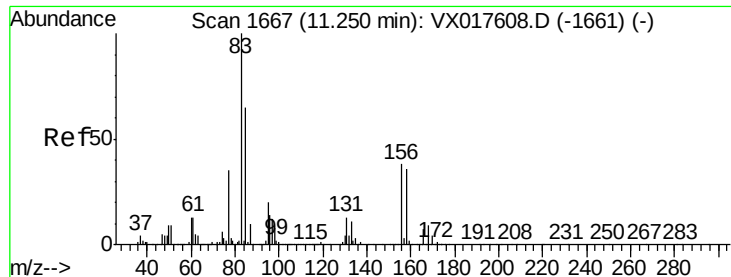
Tot Ion:104 Resp: 1007078
Ion Ratio Lower Upper
104 100
78 52.4 41.7 62.5
103 54.6 43.4 65.2



#70
Isopropylbenzene
Concen: 51.734 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion:105 Resp: 1591388
Ion Ratio Lower Upper
105 100
120 26.9 18.7 34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 49.264 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

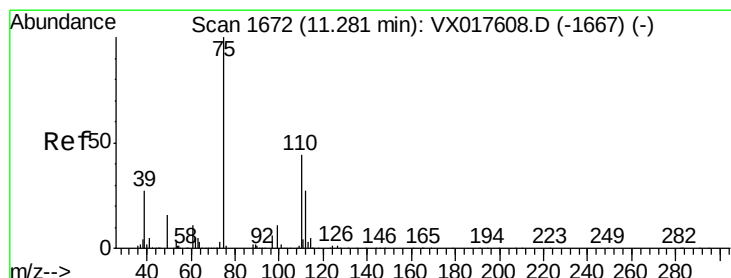
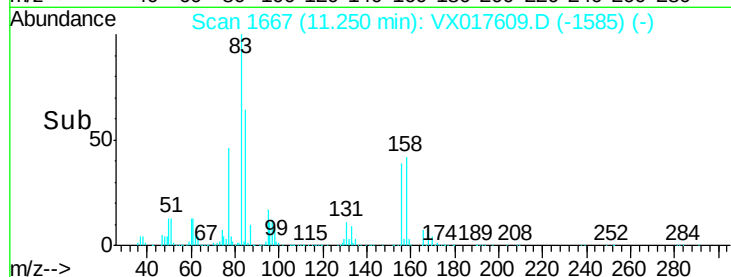
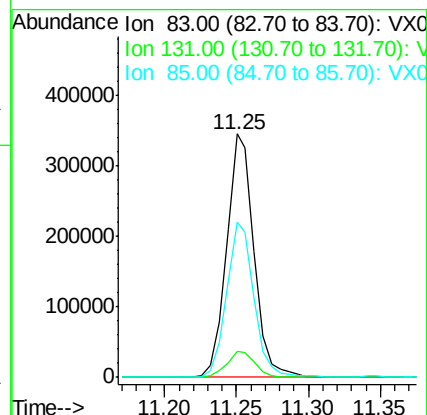
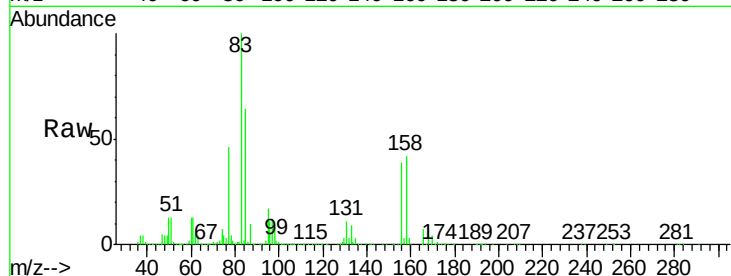
Tot Ion: 83 Resp: 460848

Ion Ratio Lower Upper

83 100

131 11.0 5.9 17.8

85 64.1 32.7 98.1



#72

1,2,3-Trichloropropane

Concen: 65.147 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017609.D

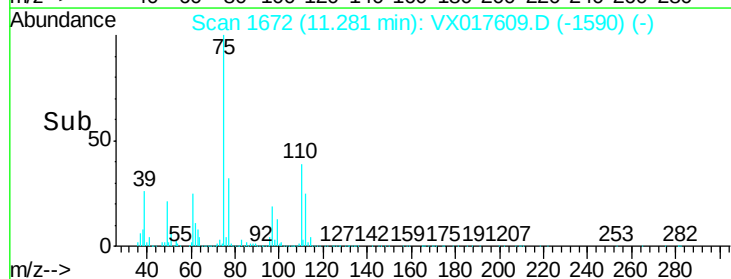
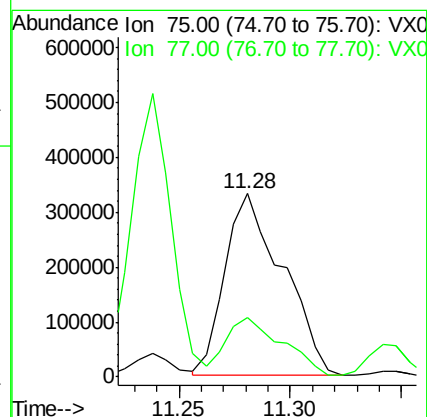
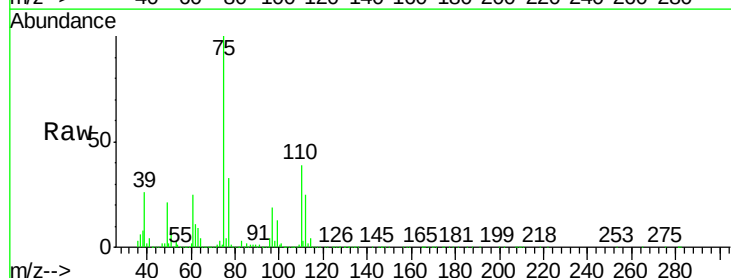
Acq: 27 Jul 2020 10:08

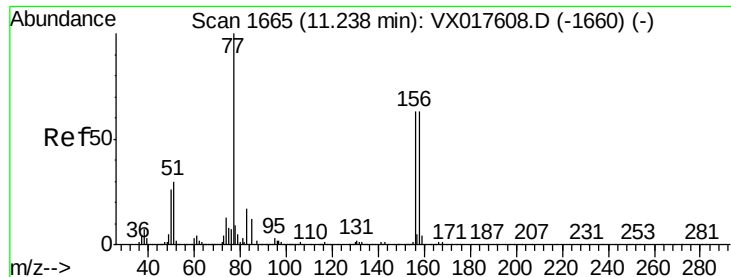
Tgt Ion: 75 Resp: 600996

Ion Ratio Lower Upper

75 100

77 30.5 0.0 73.2





#73

Bromobenzene

Concen: 49.705 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

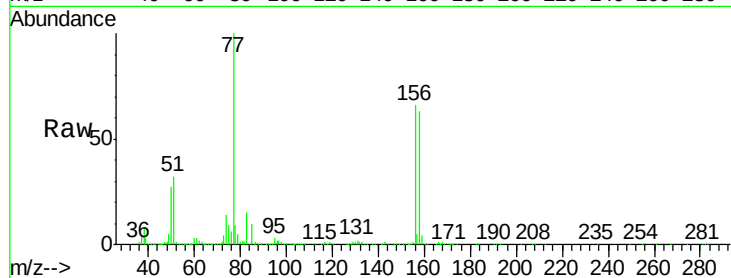
Tot Ion:156 Resp: 424854

Ion Ratio Lower Upper

156 100

77 151.1 0.0 302.0

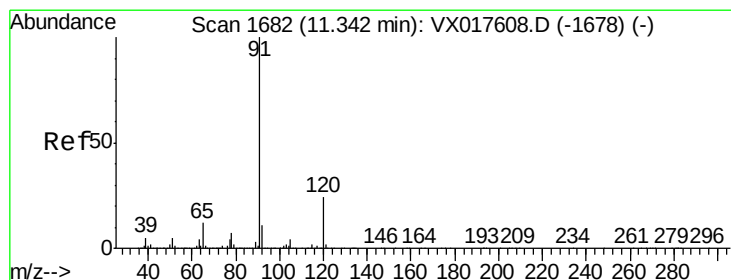
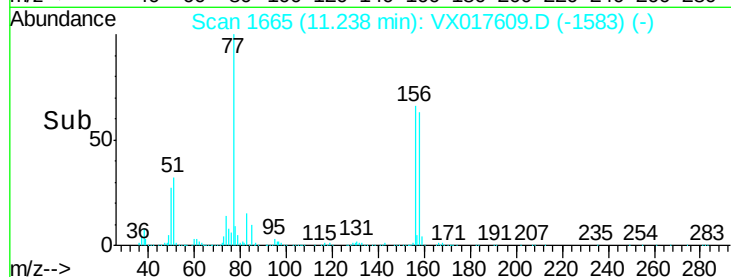
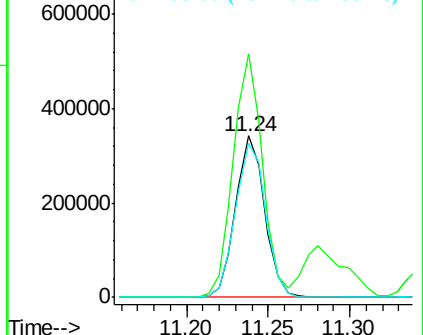
158 99.3 0.0 199.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 52.348 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017609.D

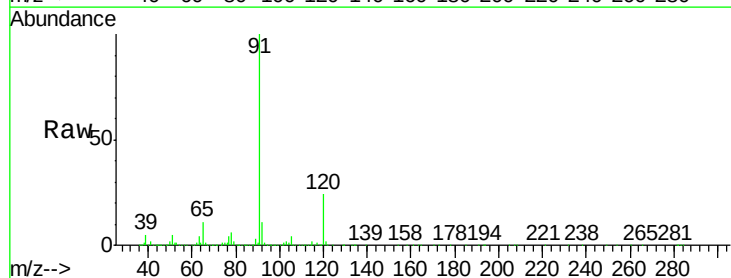
Acq: 27 Jul 2020 10:08

Tgt Ion: 91 Resp: 1837233

Ion Ratio Lower Upper

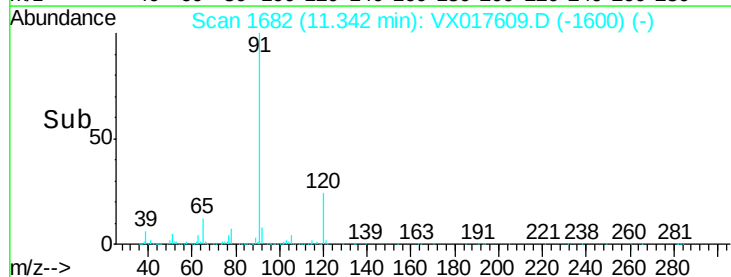
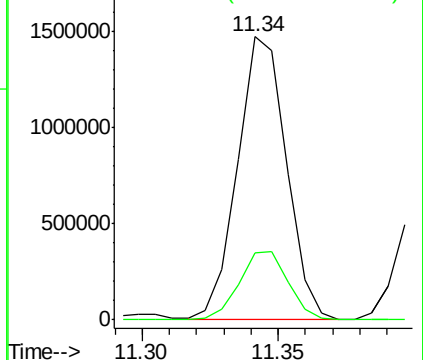
91 100

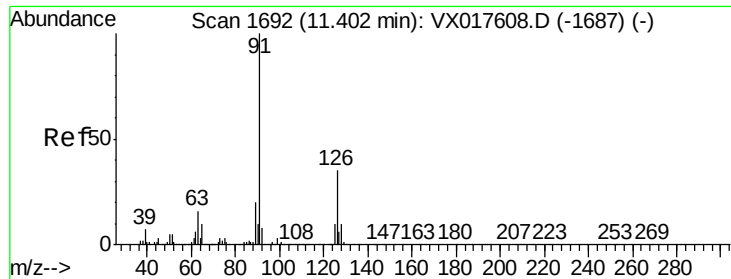
120 24.2 0.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 51.801 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

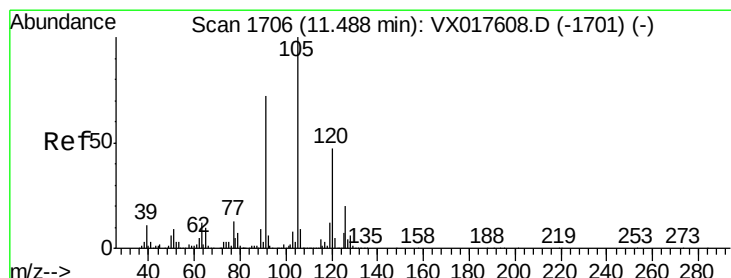
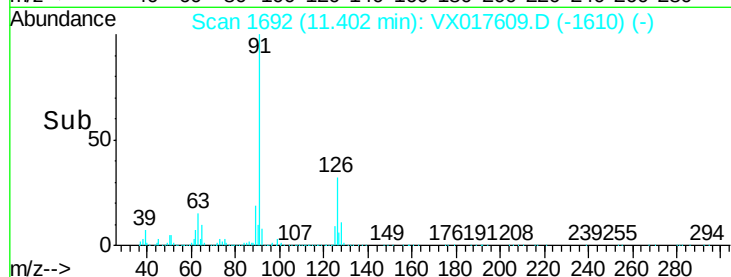
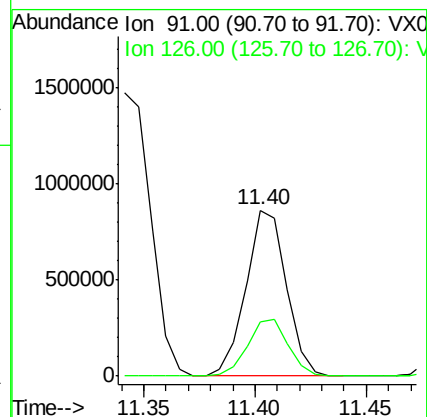
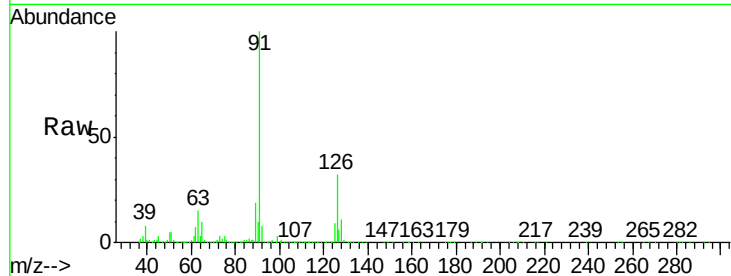
VSTDIC050

Tot Ion: 91 Resp: 1100545

Ion Ratio Lower Upper

91 100

126 34.4 0.0 67.8



#76

1,3,5-Trimethylbenzene

Concen: 53.360 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX017609.D

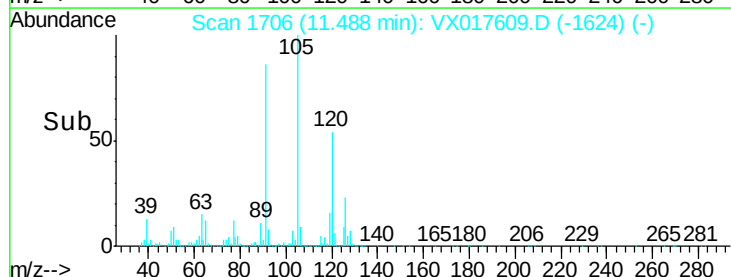
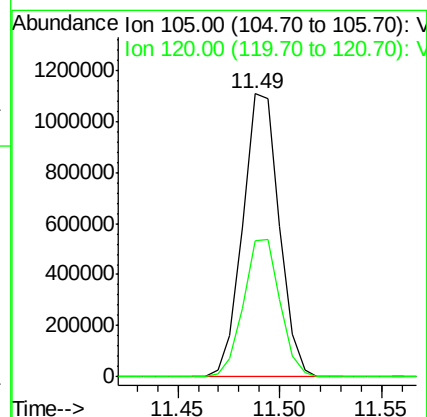
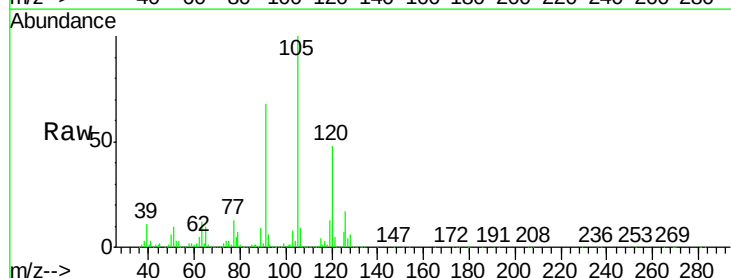
Acq: 27 Jul 2020 10:08

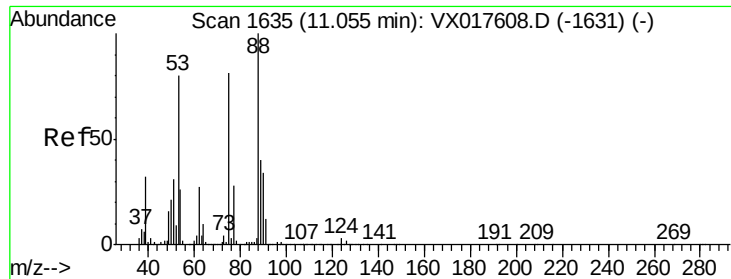
Tgt Ion:105 Resp: 1376523

Ion Ratio Lower Upper

105 100

120 48.6 0.0 95.8





#77

t-1,4-Dichloro-2-butene

Concen: 50.674 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

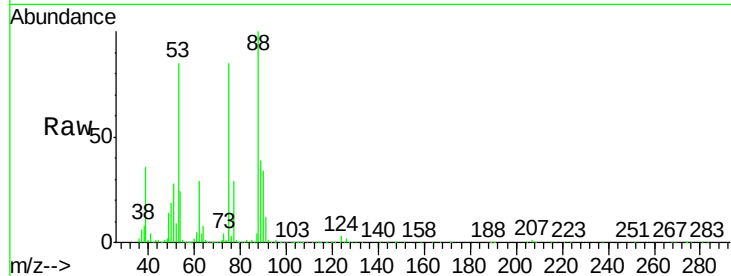
Tot Ion: 75 Resp: 184009

Ion Ratio Lower Upper

75 100

53 99.8 49.0 147.0

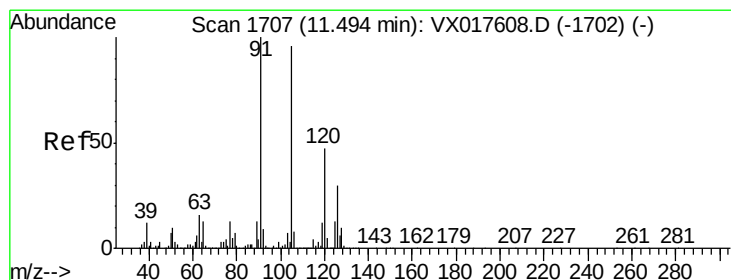
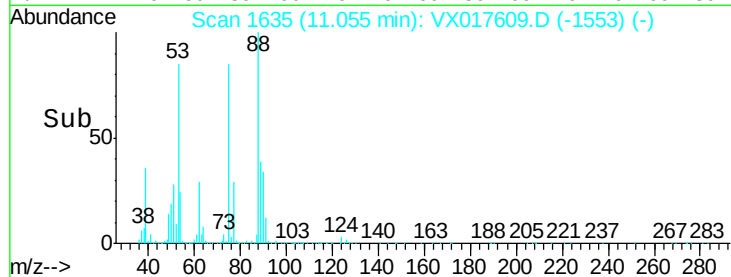
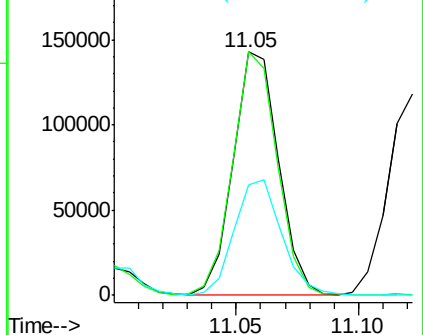
89 45.3 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 52.161 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017609.D

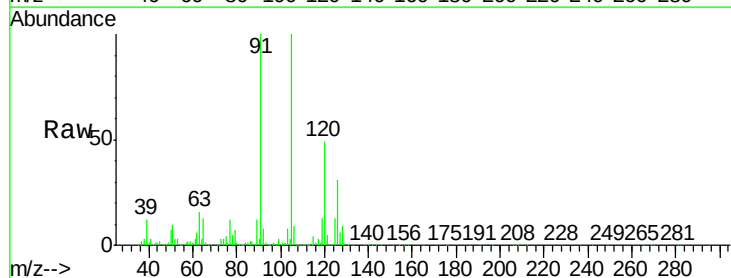
Acq: 27 Jul 2020 10:08

Tgt Ion: 91 Resp: 1310479

Ion Ratio Lower Upper

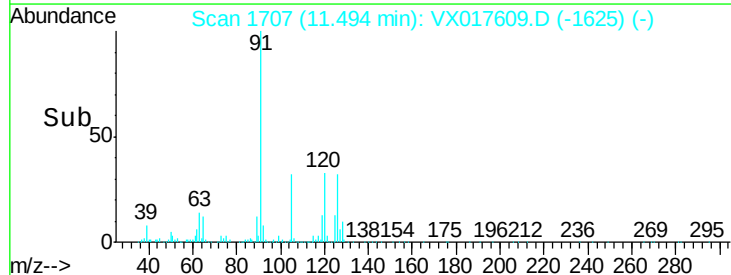
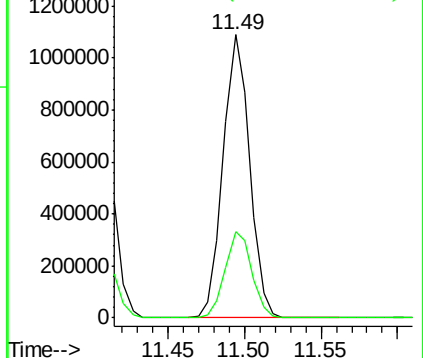
91 100

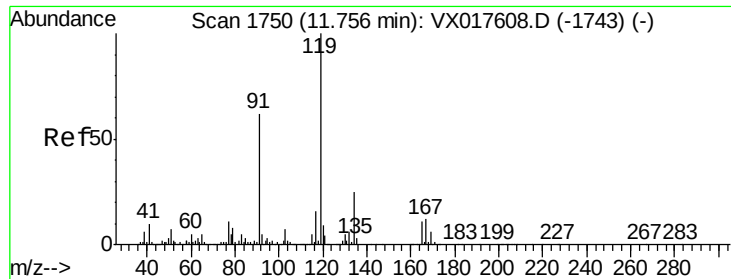
126 30.7 0.0 60.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

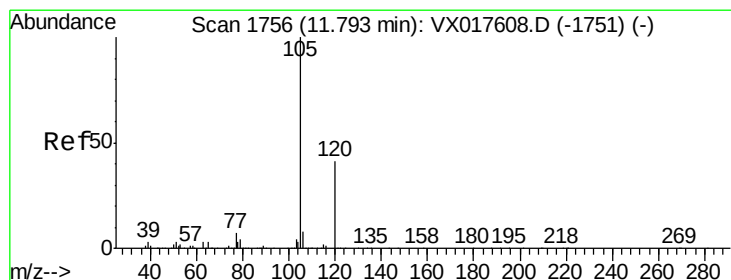
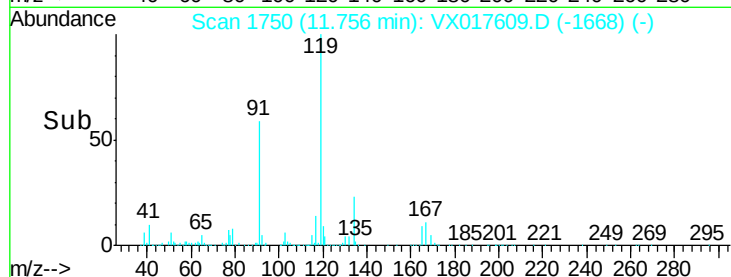
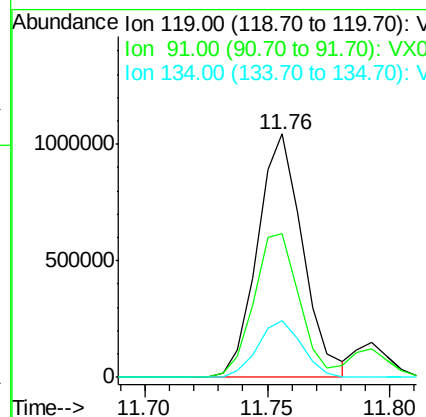
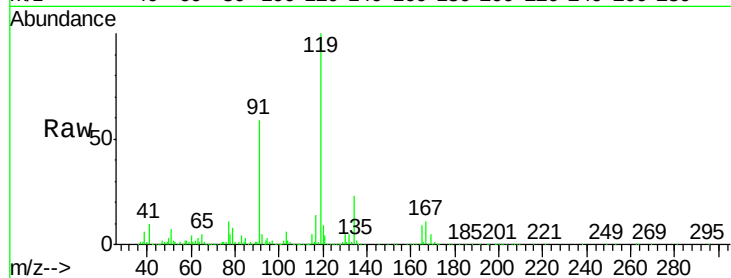




#79
tert-butylbenzene
Concen: 53.611 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

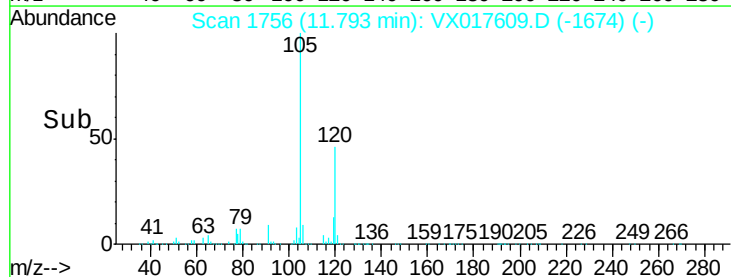
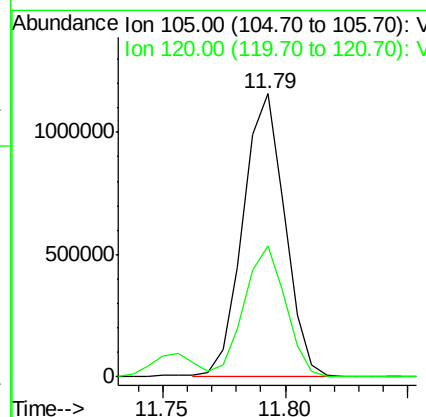
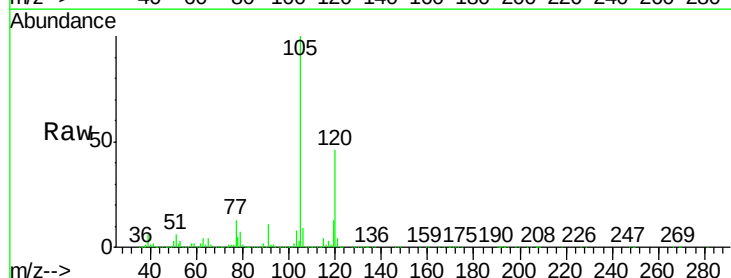
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

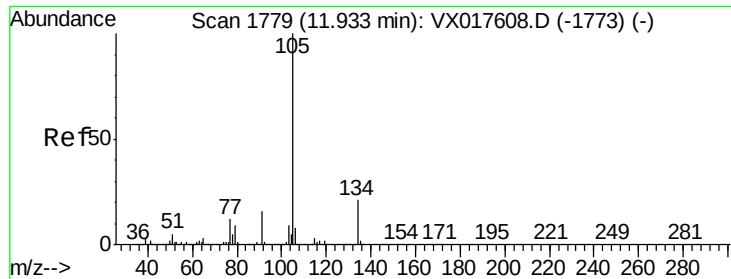
Tot Ion:119 Resp: 1343989
Ion Ratio Lower Upper
119 100
91 58.6 0.0 121.0
134 22.9 0.0 45.0



#80
1,2,4-Trimethylbenzene
Concen: 53.091 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion:105 Resp: 1378011
Ion Ratio Lower Upper
105 100
120 45.8 0.0 90.0

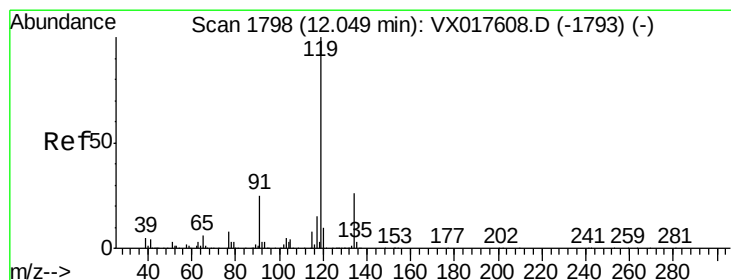
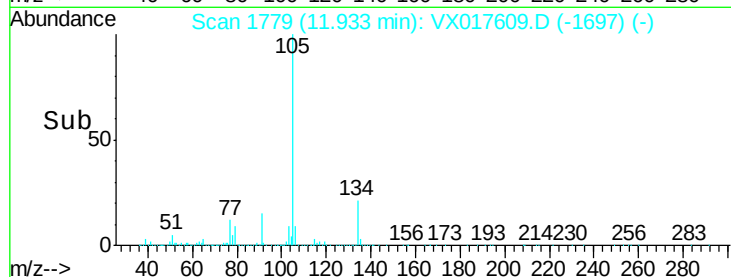
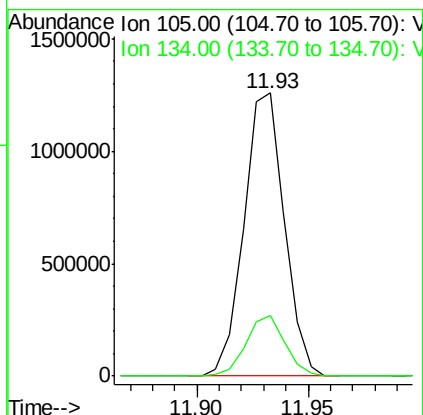
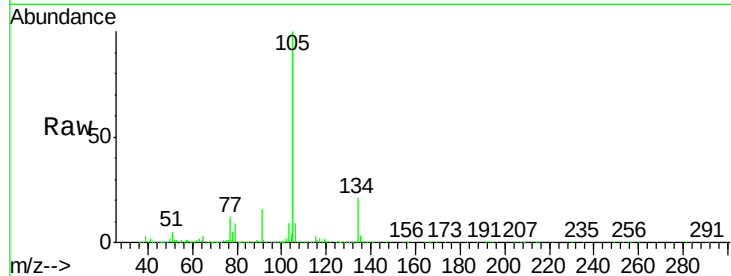




#81
 sec-Butylbenzene
 Concen: 55.156 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

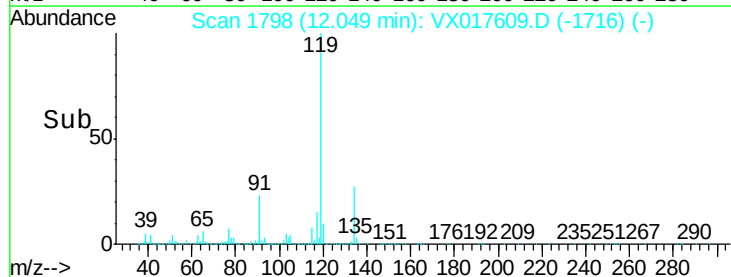
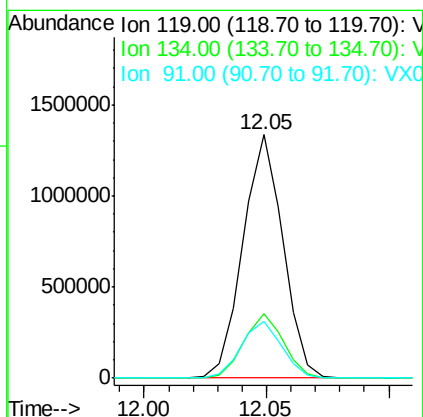
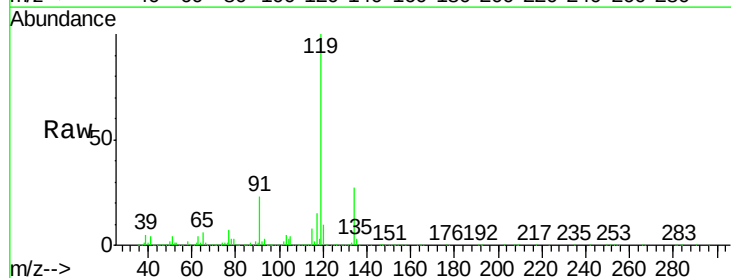
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

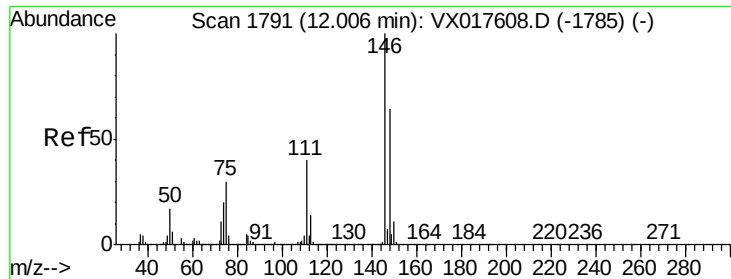
Tot Ion:105 Resp: 1597445
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 55.085 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Tgt Ion:119 Resp: 1518287
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.6
 91 23.7 0.0 48.2





#83

1,3-Dichlorobenzene

Concen: 50.687 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

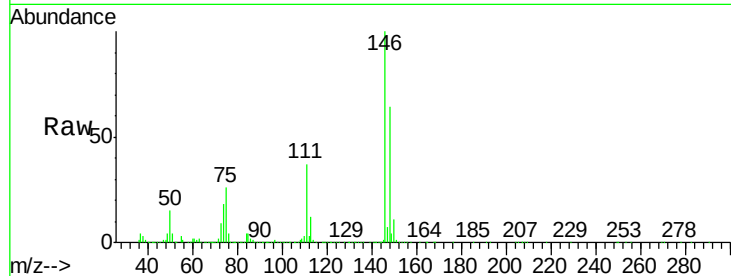
Tot Ion:146 Resp: 765798

Ion Ratio Lower Upper

146 100

111 39.9 19.9 59.7

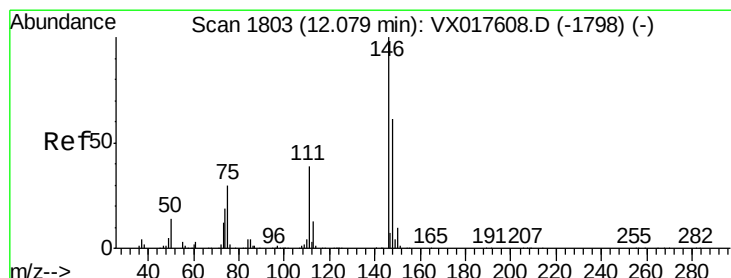
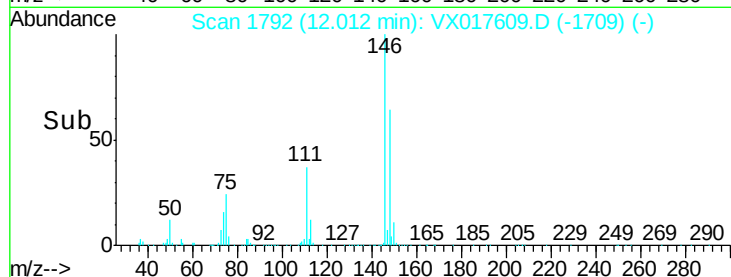
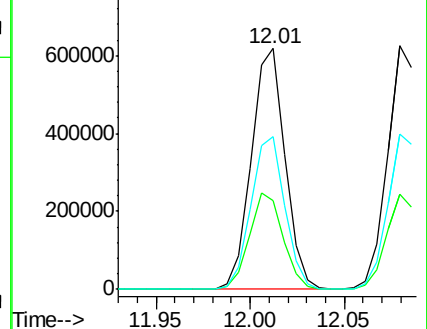
148 63.7 32.6 98.0



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



#84

1,4-Dichlorobenzene

Concen: 50.081 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

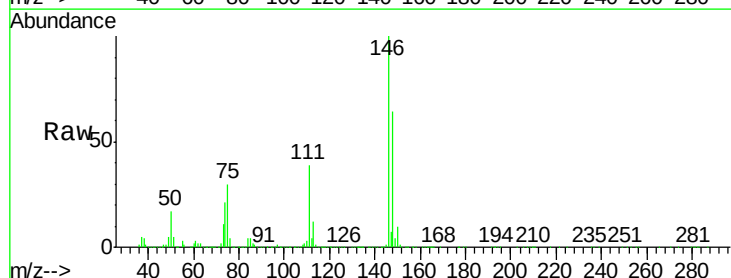
Tgt Ion:146 Resp: 766999

Ion Ratio Lower Upper

146 100

111 38.6 18.7 56.1

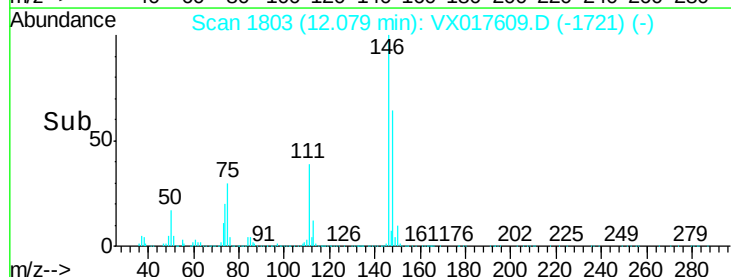
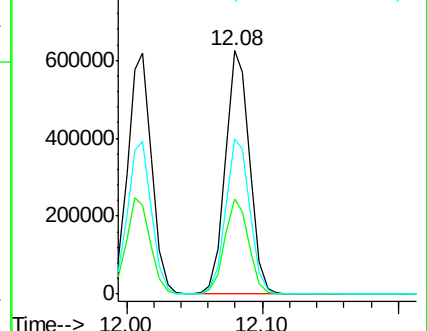
148 63.8 31.6 94.8

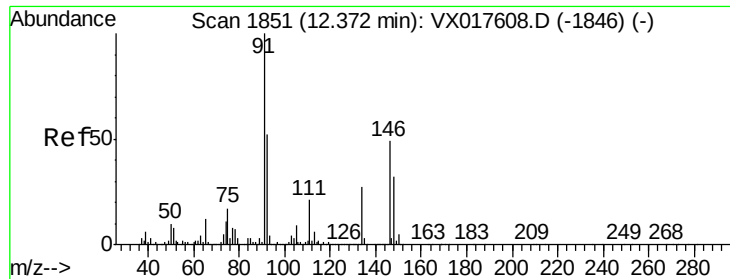


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

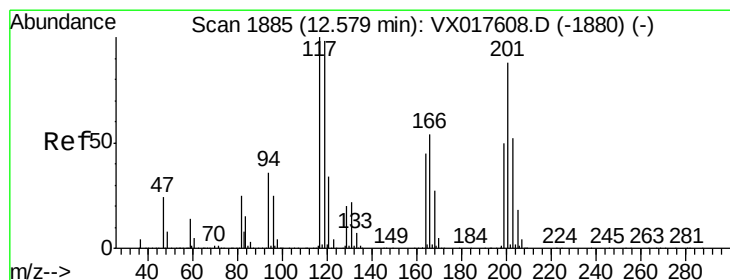
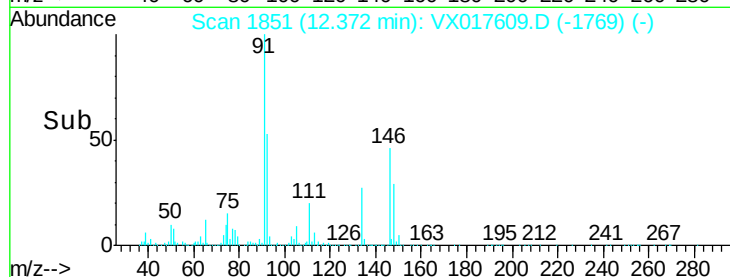
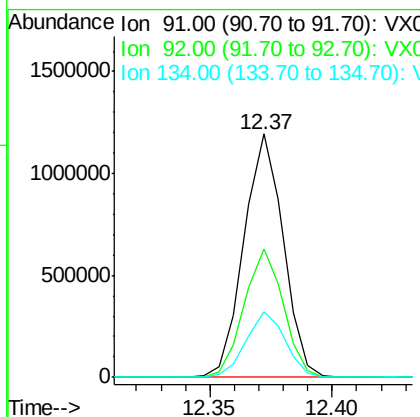
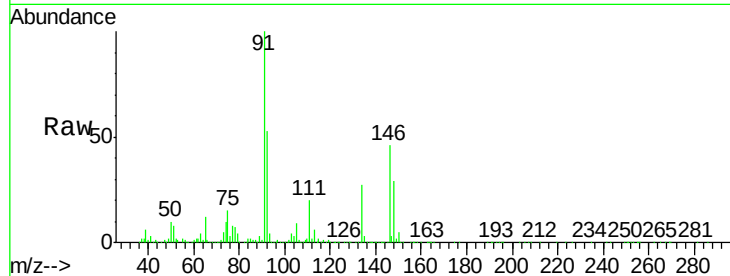




#85
n-Butylbenzene
Concen: 55.886 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

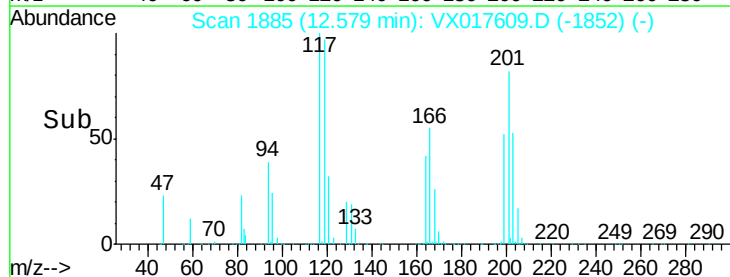
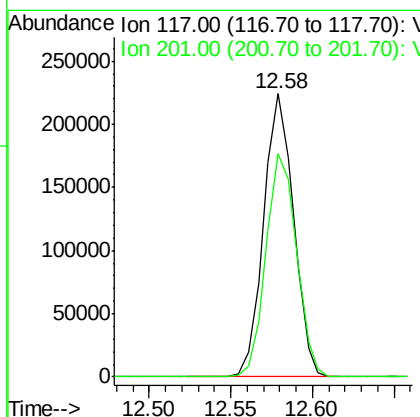
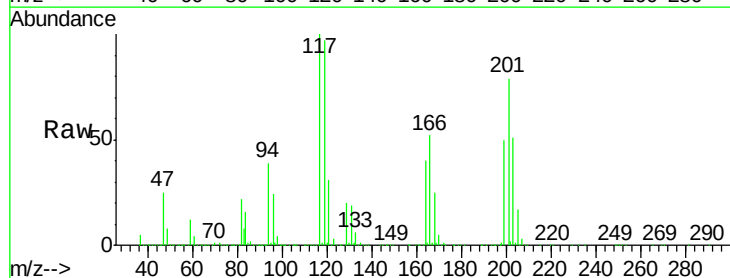
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

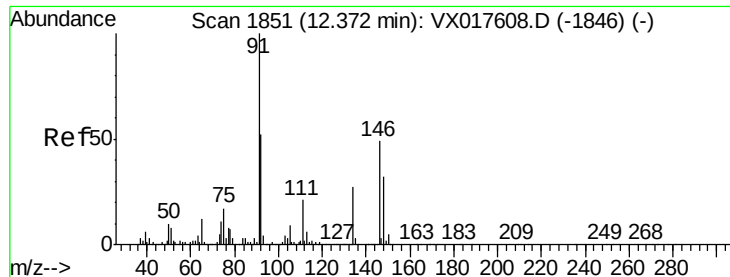
Tot Ion: 91 Resp: 1340228
Ion Ratio Lower Upper
91 100
92 52.5 0.0 104.0
134 27.0 0.0 55.0



#86
Hexachloroethane
Concen: 52.743 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion: 117 Resp: 284629
Ion Ratio Lower Upper
117 100
201 80.2 43.1 129.3

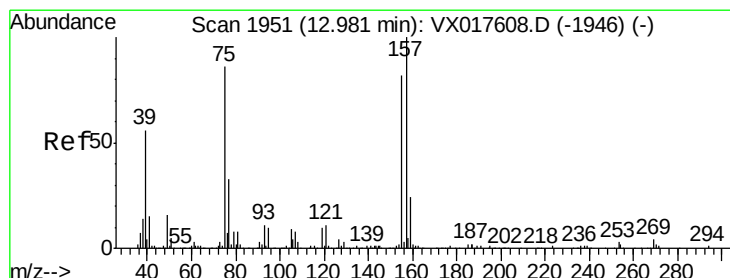
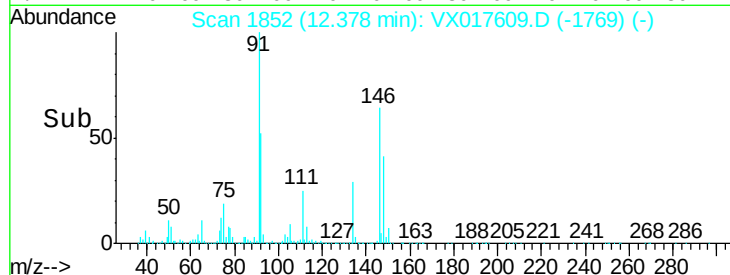
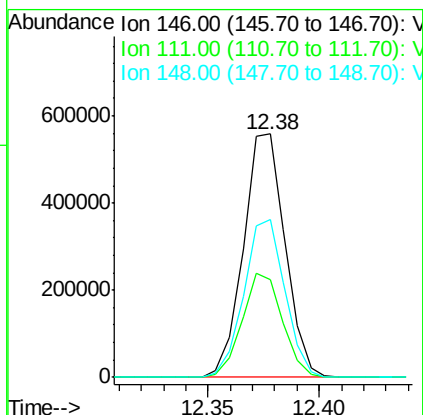
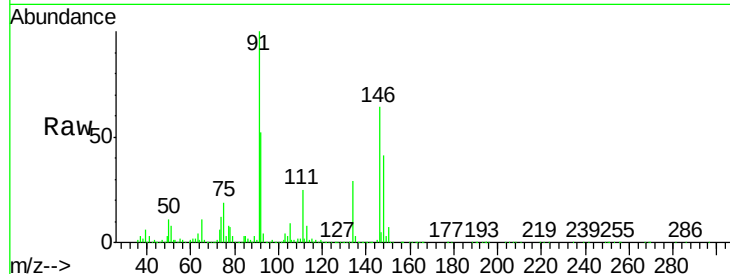




#87
 1,2-Dichlorobenzene
 Concen: 49.842 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

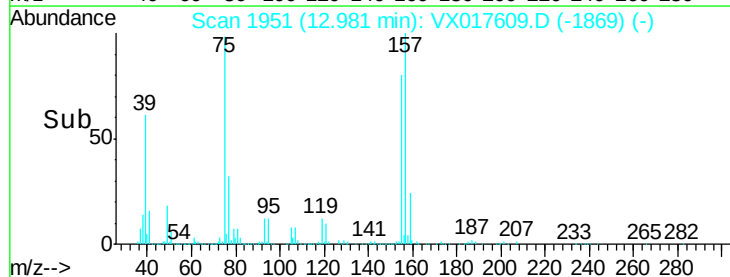
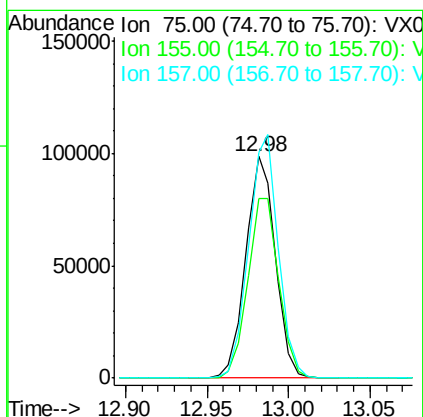
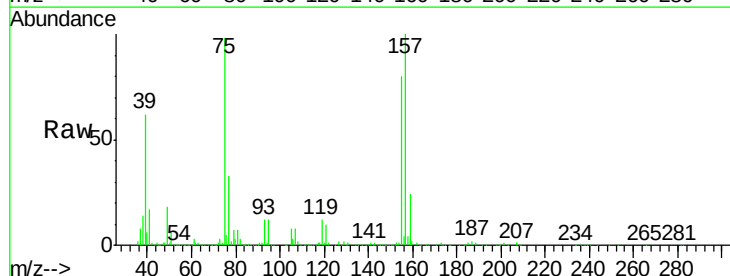
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

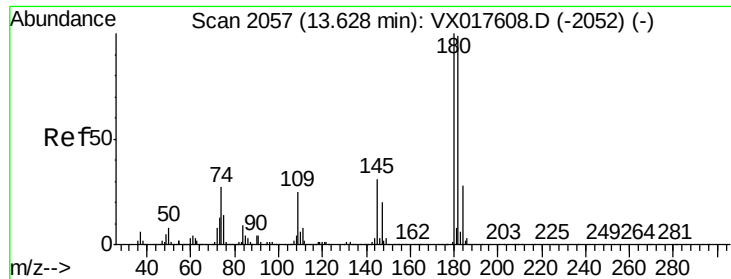
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.7	62.1
148	63.6	32.3	96.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 54.127 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.9	69.5	104.3
157	109.2	88.2	132.4

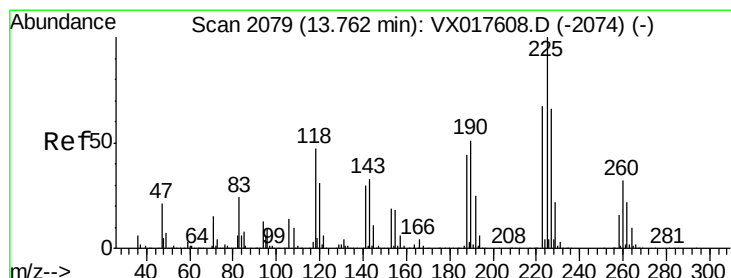
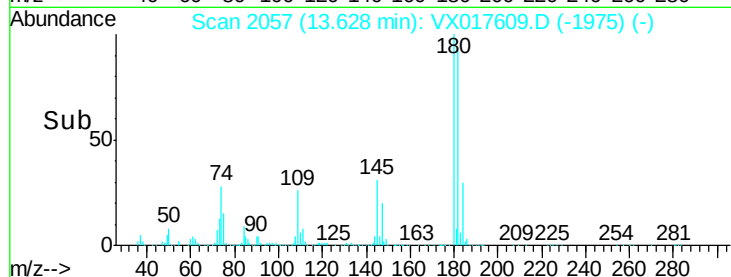
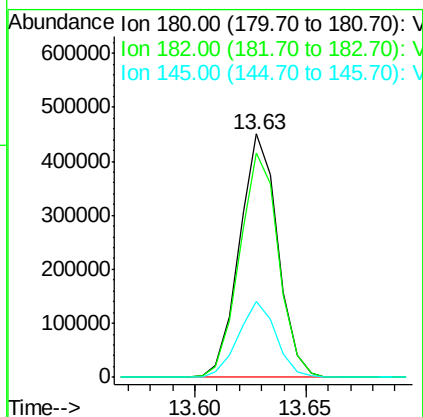
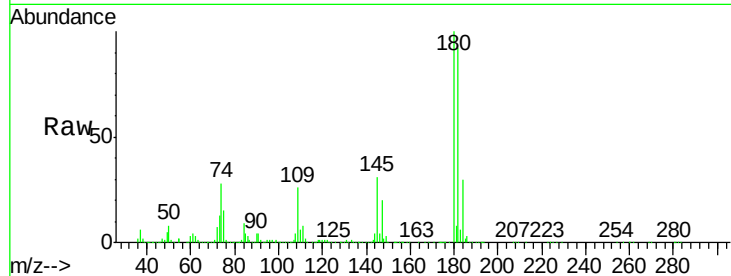




#89
 1,2,4-Trichlorobenzene
 Concen: 51.547 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

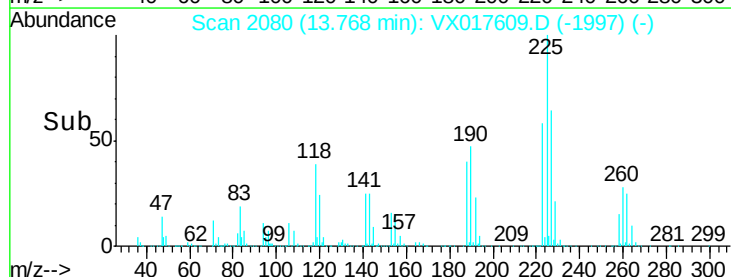
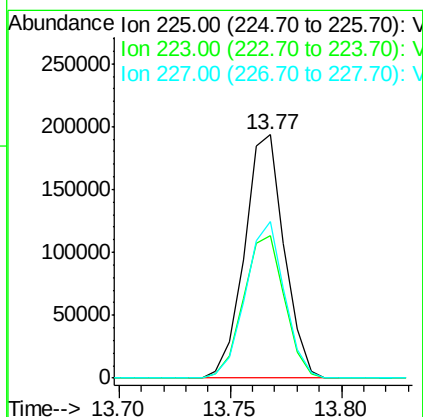
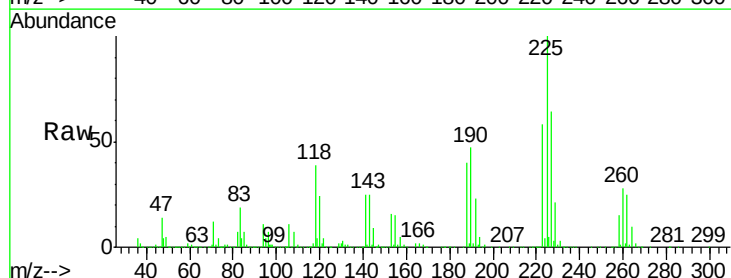
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

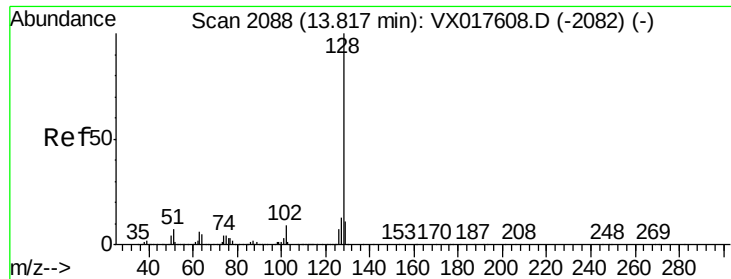
Tot Ion:180 Resp: 537836
 Ion Ratio Lower Upper
 180 100
 182 94.1 77.4 116.0
 145 30.9 24.9 37.3



#90
 Hexachlorobutadiene
 Concen: 56.535 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Tgt Ion:225 Resp: 240730
 Ion Ratio Lower Upper
 225 100
 223 60.7 0.0 130.8
 227 63.0 0.0 127.2

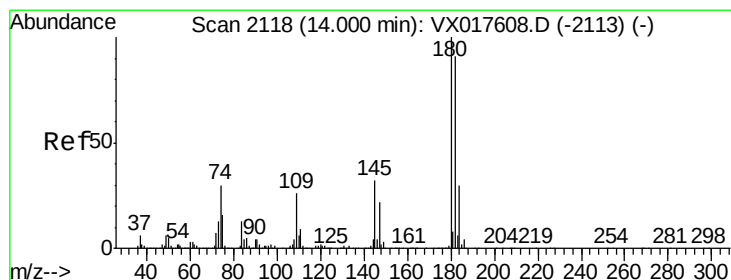
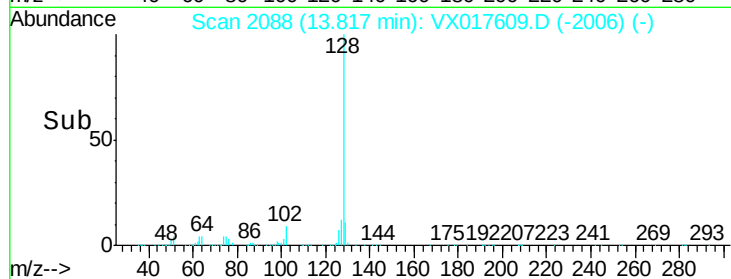
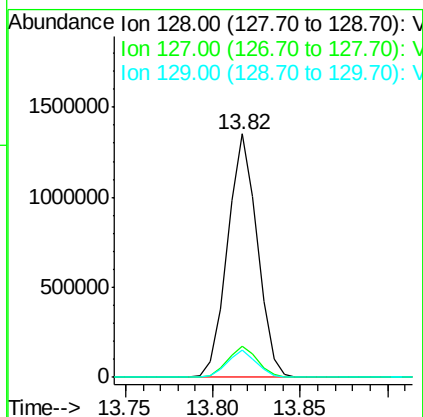
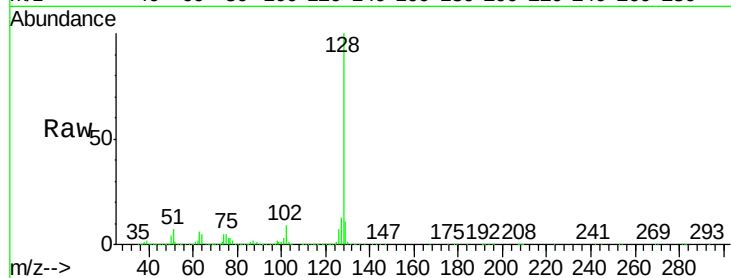




#91
Naphthalene
Concen: 50.261 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion:128 Resp: 1597280
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 48.993 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion:180 Resp: 502641
Ion Ratio Lower Upper
180 100
182 95.6 0.0 190.2
145 33.4 0.0 63.8

